

Service Parts Catalog
Liste de Pièces De Rechange
Ersatzteilliste
Catalogo Pezzi di Ricambio
Onderdelenlijst



835 TRACTOR



Catalog 57083510

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GENERAL INFORMATION

1. Whenever the terms left or right are used, it should be understood to mean from a position facing in direction of travel.
2. Throughout this manual you find common hardware not illustrated, but listed in the description column. The service part immediately preceding a hardware listing is the part using these particular items for mounting purposes. This hardware is not included with the service part or assembly when ordered as a replacement.
3. Ford New Holland, Inc. is continually striving to improve its products. We must, therefore, reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

ALWAYS USE GENUINE FORD NEW HOLLAND PARTS

FORD NEW HOLLAND INC., 500 DILLER AVENUE, NEW HOLLAND, PA 17557

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METRIC AND INCH HARDWARE

Allowances have been made in punched and drilled holes to allow interchangeability of metric and inch dimension hardware in fastening and mounting applications. However, this interchangeability does not apply to tapped holes or using metric dimension nuts on inch cap screws, studs and bolts. Likewise, inch dimension nuts cannot be used on metric cap screws, studs or bolts.

Following is a listing of Common sizes for substitution.

Inches	Millimeters
--------	-------------

Screw Diameter	
----------------	--

3/16"	5 mm
1/4"	6 mm
5/16"	8 mm
*3/8"	*10 mm
1/2"	12 mm
9/16"	14 mm
5/8"	16 mm

Screw Length	
--------------	--

5/8"	15 mm
3/4"	20 mm
*1	*25 mm
1-1/4"	30 mm
1-3/8"	35 mm
1-1/2"	40 mm
1-3/4"	45 mm
2"	50 mm
2-1/4"	60 mm
2-3/4"	70 mm
3"	80 mm
3-1/2"	90 mm
4"	100 mm

- * EXAMPLE: For most applications a 3/8" x 1" cap screw and nut can be replaced by a 10 mm x 25 mm cap screw and nut.

For additional size information and possible substitutions, either inch to metric or metric to inch, please refer to the conversion table in this catalog.

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CONVERSION CHART

Inch Fractions and decimals to Millimeter Equivalents

INCHES		mm	INCHES		mm	INCHES		mm	INCHES		mm
Fraction	Decimal		Fraction	Decimal		Fraction	Decimal		Fraction	Decimal	
—	.0004	.01	—	.3	7.620	—	.7874	20	—	1.969	50
—	.001	.0250	5/16	.3125	7.938	51/64	.7969	20.241	2	2.000	50.8
—	.0039	.10	—	.3150	8	13/16	.8125	20.638	2-1/8	2.125	54
—	.005	.127	21/64	.3281	8.334	—	.8268	21	—	2.165	55
—	.0079	.2	—	.3346	8.5	53/64	.8281	21.034	2-1/4	2.250	57.2
—	.0098	.25	11/32	.3438	8.731	27/32	.8438	21.431	—	2.362	60
—	.01	.254	—	.3543	9	55/64	.8594	21.828	2-3/8	2.375	60.3
—	.0118	.3	23/64	.3594	9.128	—	.8662	22	2-1/2	2.500	63.5
1/64	.0156	.397	—	.3740	9.5	7/8	.8750	22.225	—	2.559	65
—	.0157	.4	3/8	.375	9.525	57/64	.8906	22.622	2-5/8	2.625	66.7
—	.0197	.5	25/64	.3906	9.922	—	.9	22.860	2-3/4	2.750	69.9
—	.0236	.6	—	.3937	10	—	.9055	23	—	2.756	70
—	.025	.635	—	.4	10.160	29/32	.9063	23.019	2-7/8	2.875	73
—	.0276	.7	13/32	.4062	10.319	59/64	.9219	23.416	—	2.953	75
—	.0295	.75	—	.4134	10.5	15/16	.9375	23.813	3	3.000	76.2
1/32	.0313	.794	27/64	.4219	10.716	—	.9449	24	—	3.150	80
—	.0315	.8	—	.4331	11	61/64	.9531	24.209	3-1/4	3.250	82.6
—	.0354	.9	7/16	.4375	11.113	31/32	.9688	24.606	—	3.346	85
—	.0394	1	29/64	.4531	11.509	—	.9843	25	3-1/2	3.500	88.9
3/64	.0469	1.191	15/32	.4688	11.906	1	1.000	25.400	—	3.543	90
—	.0472	1.2	—	.4724	12	—	1.024	26	—	3.740	95
—	.05	1.270	31/64	.4844	12.303	1-1/16	1.062	26.988	3-3/4	3.750	95.3
—	.0551	1.4	—	.4921	12.5	—	1.063	27	—	3.937	100
—	.0591	1.5	1/2	.5	12.700	—	1.102	28	4	4.000	101.6
1/16	.0625	1.588	—	.5118	13	1-1/8	1.125	28.575	—	4.331	110
—	.0669	1.7	33/64	.5156	13.097	—	1.142	29	4-1/2	4.500	114.3
—	.075	1.905	17/32	.5326	13.494	—	1.181	30	—	4.724	120
5/64	.0781	1.984	—	.5315	13.5	1-3/16	1.188	30.16	5	5.000	127
—	.0787	2	35/64	.5469	13.891	—	1.221	31	—	5.118	130
—	.0906	2.3	—	.5512	14	1-1/4	1.250	31.75	5-1/2	5.500	139.7
3/32	.0938	2.381	9/16	.5625	14.288	—	1.260	32	—	5.512	140
—	.0984	2.5	—	.571	14.5	—	1.299	33	—	5.906	150
—	.1	2.540	37/64	.5781	14.684	1-5/16	1.312	33.34	6	6.000	152.4
—	.1024	2.6	—	.5906	15	—	1.339	34	—	6.299	160
7/64	.1093	2.776	19/32	.5938	15.081	1-3/8	1.375	34.93	6-1/2	6.500	165.1
—	.1181	3	—	.6	15.240	—	1.378	35	7	7.000	177.8
1/8	.125	3.175	39/64	.6094	15.478	—	1.417	36	—	7.087	180
—	.1378	3.5	—	.6103	15.5	1-7/16	1.438	36.51	7-1/2	7.500	190.5
9/64	.1406	3.572	5/8	.6250	15.875	—	1.457	37	—	7.874	200
5/32	.1563	3.969	—	.6299	16	—	1.496	38	8	8.000	203.2
—	.1575	4	41/64	.6406	16.272	1-1/2	1.500	38.10	8-1/2	8.500	215.9
11/64	.1719	4.366	—	.6496	16.5	—	1.535	39	—	8.661	220
—	.1772	4.5	21/32	.6563	16.669	1-9/16	1.562	39.69	9	9.000	228.6
3/16	.1875	4.763	—	.6693	17	—	1.575	40	—	9.449	240
—	.1969	5	43/64	.6719	17.066	—	1.614	41	9-1/2	9.500	241.3
—	.2	5.080	11/16	.6875	17.463	1-5/8	1.625	41.28	—	9.843	250
13/64	.2031	5.159	—	.6890	17.5	—	1.654	42	10	10.000	254
—	.2165	5.5	—	.7	17.780	1-11/16	1.688	42.86	—	10.236	260
7/32	.2188	5.556	45/64	.7031	17.859	—	1.693	43	11	11.000	279.4
15/64	.2344	5.953	—	.7087	18	—	1.732	44	—	11.024	280
—	.2362	6	23/32	.7188	18.256	1-3/4	1.750	44.45	—	11.811	300
1/4	.25	6.350	—	.7283	18.5	—	1.772	45	12	12.000	304.8
—	.2559	6.5	47/64	.7344	18.653	—	1.811	46	13	13.000	330.2
17/64	.2556	6.747	—	.7480	19	1-13/16	1.813	46.04	—	13.780	350
—	.2756	7	3/4	.75	19.050	—	1.850	47	14	14.000	355.6
9/32	.2813	7.144	49/64	.7656	19.447	1-7/8	1.875	47.63	15	15.000	381
—	.2953	7.5	—	.7677	19.5	—	1.890	48	—	15.748	400
19/64	.2969	7.541	25/32	.7813	19.844	—	1.929	49	16	16.000	406.4

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ABBREVIATION INDEX

ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- A -				
A	Antwerp	Antwerpen	Anvers	Antuerpia
AC	Air Conditioning	Kilmaanlage	Conditionnement d'Air	Acondicionamiento de aire
ACC	Accessory	Zubehoer	Accessoires	Accesorio
ACL	Accelerator	Beschleuniger	Accélérateur	Acelerador
ACS	Access	Zugang	Accès	Acceso
A CLNR	Air Cleaner	Luftfilter	Filtre à Air	Renovador de Aire
AG	Agricultural	Landwirtschaftlich	Agricole	Agricola
ALL PUR	All Purpose	Allzweck	Universel	Aplicaciones de múltiples
AMP	Ampere	Ampère	Ampère	Amperio
APPR	Approximate	Ungefähr	Environ	Aproximado
AR	As Required	Nach Bedarf	A la Demande	En cantidades necesarias
ASC	Auxiliary Service Control	Nebenanschluss-Betrieb	Commande Alimentation	Control de Servicio
ASN	Used on and Above Serial Number	Verwendet auf und Über Seriennummer	Utilisé sur et audessus du Numéro de Série	Se usa en y Encima del no. de Serie
ASSY	Assembly	Kompl. Einheit	Ensemble	Montaje
AST RAM	Assist Ram	ZusatzHubzylinder	Vérin d'Assistance	Auxiliar del Izador
ATT	Attaching	Befestigt	Fixation	Fijación
AUTO HTCH	Automatic Hitch	Automatische "HITCH"	Attelage Automatique	Enganche Automático
AUX	Auxiliary	Zusatz	Auxiliaire	Auxiliar
AUX FL TK	Auxiliary Fuel Tank	ZusatzKraftstofftank	Reservoir à Combustible	Tanque de Combustible
AUX PH	Auxiliary Pickup Hitch	Zusatz"HITCH"	Auxiliaire Crochet Automatique	Auxiliar Enganche de Levantador de Auto
- B -				
B & BAS	Basildon	Basildon	Basildon	Basildon
BD	Body	Korper	Carrosserie	Carrocería
BEL	Belgium	Belgien	Belgique	Bélgica
BH	Button Head	Knopfkopf	Tete de Bouton	Cabeza de Tope
BIH	Binder Head	Bremsenkopf	Tete de Blocage	Cabeza de Fijacion
BK	Brake	Bremse	Frein	Freno
BKHOE	Backhoe	Heckbagger	TractoPelle	Retroexcavador
BR	Brass	Messing	Laiton	Laton
BRG	Bearing	Lager	Palier	Cojinete
BRH SSQ	Bolt Round Head Short Square Neck	Bolzen Runder Kopf Kurzer Vierkanthals	Boulon a Tete Ronde et Corps Carré	Perno Cabeza Redonda Corto Cuello Cuadrado
BRKT	Bracket	Halter	Support	Soporte
BSN	Used on and Below Serial Number	Verwendet auf und Unter Seriennummer	Utilisé sur et audessous du Numéro de Série	Se usa en y Debajo del no. de Serie
BSTR	Booster	Ladedruckregler	Equipement Assistance	Equipo Auxiliar
BTWN	Between	Zwischen	Entre	Entre

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ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- C -				
C	Romeo	Romeo	Romeo	Romeo
C3	Class 3 Fit	Passung Klasse 3	Ajustage de Catégorie 3	Ajuste Clase 3
CARR	Carriage	Schlitten	Coussinet	Carruaje
CASN	Castle Nut	Kronenmutter	Ecrou Crénélé	Tuerca Encastillada
CAT	Category	Kategorie	Catégorie	Categoría
CB	Carriage Bolt	Bettschlittenbolzen	Vis Tete Bombée sans Fente	Perno de Carruaje
CHH	Closed Center Hydraulics	Mittelschluss Hydraulik	Hydrauliques à Centre Fermé	Hidraulico de Centro Cerrado
CL10.9	ISO Class 10.9	ISO Klasse 10.9	CFaetégmoé i 10.9 ISO	COerrad
CL8.8	ISO Class 8.8	ISO Klasse 8.8	Catégorie 8.8 ISO	ISO Clase 8.8
CLD ST	Cold Stan	Kaltstart	D-marrage Froid	Arranque Enfrio
CLNR	Cleaner	Reiniger	Nettoyeur	Depurador
CLTCH	Clutch	Kupplung	Embrayage	Embrague
CMPL	Complete	Komplett	Complet	Completo
CN	Clinch Nut	Haltemutter	Ecrou Bloquant	Tuerca Remachada
CNTR	Center	Mitte	Centre	Centro
COL	Column	Säule	Colonne	Columna
CONTR	Control	Steuerung	Commande	Control
COP	Cone Point	Kegelpunkt	Point Conique	Punta Conica
COT PIN	Cotter Pin	Splint	Goupille Fendue	Chaveta
CP	Cup Point	IVianschettenpunkt	Pointe Creuse	Punta Acopada
CPR GR	Creeper Gear	Kriechgang	Pignon Vitesse Rampante	Engranaje Sinfín
CR FDRS	Crown Fenders	KronenformKotflügel	Ailes Incurvées	Corona de Guardafangos
CRKSFT	Crankshaft	Kurbelwelle	Vilebrequin	Cigüeñal
CS	Cap Screw	Kopfschraube	Vis Tete Hexagonale	Tornillo de Casquete
CSK	Countersunk	Kegelgesenkt	Fraisée	Embutido
CSKH	Countersunk Head	Senkkopf	Tete Fraisée	Cabeza Embutida
CVR	Cover	Deckel	Couvercle	Cubiena
CVX	Convex	Konvex	Convexe	Convexo
CYL	Cylinder	Zylinder	Cylindre	Cilindro
CYL KIT	Cylinder Kit	LaufbüchsenSatz	Pochette Réfection Cylindre	Caja de Cilindros
CYLH	Cylinder Head	Zylinderkopf	Culasse	Culata de Cilindro
- D -				
DB	Drawbar	Zugstange	Barre de Traction	Barra de Tiro
DBL	Double	Doppelt	Double	Doble
DBL CLTCH	Double Clutch	ZweistufenKupplung	Embrayage Double	Embrague Doble
DBL SPL	Double Spool	Doppelspül	Double Tiroir	de Doble Encaríe
DIA	Diameter	Durchmesser	Diamètre	Diametro
DL	Differential Lock	DifferentialSperr	Blocage de Différentiel	Bloqueador del Diferencial
DLX	Deluxe	Deluxe	De Luxe	De Lujo
DLX ST	Deluxe Seat	Deluxe Fahrersitz	Siège de Luxe	Asiento de Lujo
DOW PIN	Dowel Pin	Passstift	Goujon d'Assemblage	Pasador de Espiga
DPOW	Dual Power	Doppelkraft	Dual Power	Potencia Doble
DP	Dog Point	Klauenpunkt	Pointe Cliquet	Punto de Fijacion
DR	Door	Tür	Porte	Puerta
DRL	Drilled	Geböhrt	Perforé	Taladrado
DRV	Drive	Antrieb	Commande	Propulsión
DRY AR CLNR	Dry Air Cleaner	TrockenLuftfilter	Filtre à Air Sec	Depurador de Aire Seco
DSL	Diesel	Diesel	Diesel	Diesel
DT	Drive Type	Antriebsart	Type d'Entrainement	Tipo Impulsor
DUAL FLTR	Dual Filter	Doppelfilter	Filtre Double	Filtro Doble
DW	Dual Wheels	Dinnoelrader	Roues Jumelées	Ruedas gemelas

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ABBREVIATION INDEX

ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- E -				
EB	Elevator Bolt	Höhenbolzen	Boulon Elévateur	Perno Elevador
EDC	Electronic Draft Control	Elektrische Zugkontrolle	Commande Electronique de Tirage	Control de Tiro Electronico
ELEC	Electric	Elektrisch	Electrique	Eléctrica
ENG	Engine	Motor	Moteur	Motor
ENG MTD GR PMP	Engine Mounted Gear Pump	Am Motor montierte Zahnrad-Pumpe	Pompe de Pignon Montée sur Moteur	Bomba de Engranaje Montada en el Motor
ENG MTD PMP	Engine Mounted Pump	Am Motor montierte Zahnrad-Pumpe	Pompe Montée sur Moteur	Bomba Montada en el Motor
EPC	Electronic Position Control	Elektronischer Positionsregler	Commande de Position	Control de Posición
ES HTCH	Escape Hatch	Notausstieg	Électronique Evacuation de Sécurité	Escotilla de Escape
EXC	Except	Ausser	Sauf	Menos
EXH	Exhaust	Auspuff	Echappement	Escape
EXT	External	Aussen	Extérieur	Exterior
EXT T	External Tooth	Externer Zahn	Dent Extérieure	Diente Externo
EXTS	Extension	Verlängerung	Prolongation	Extensión
- F -				
FD	Flat Deck	Ebene Plattform	Pvillion Plat	Techno Plano
FDR	Fender	Kotflügel	Aile	Guardafangos
FDR MTD LTS	Fender Mounted Lights	Am Kotflügel montierte Leuchten	Projecteur sur Aile	Colocación de las Luces en los Guardafangos
FDRS	Fenders	Kotflügel	Ailes	Guardafangos
FGR GDS	Finger Guards	Fingerschutz	Doigt Protecteurs	Dedo Protectors
FH	Flat Head	Senkschraube	Tete Plate	Cabeza Plana
FIG	Figure	Abbildung	Figure	Figura
FILH	Filister Head	Zylinderschraube	Tete Filister	Cabeza Cilindrica Ranurada
FL	Flat	Flach	Plat	Llano
FL TP	Flat Top	Flachdach	pavillon Plat	Tapa Plana
FL TP FDR	Flat Top Fenders	Kotflügel oben flach	Ailes Plates	Guardabarros Apianados
FLEX LKS	Flexible Links	Ausziehbare Unterlenker Endstücke	Embouts Souples	Articulación Flexible
FLG	Flange	Flansch	Bride	Brida
FLR	Floor	Fussboden	Plancher	Suelo
FLSHR	Flasher	Blinklicht	Clignotant	Luz Intermitente
FLTR	Filter	Filter	Filtre	Filtro
FN	Footnote	Fubnote	Note en Vas de Page	Nota de pie de Página
FORG	Forged	Geschmiedet	Forgé	Forjado
FP	Flat Point	Flachpunkt	Pointe Plate	Punta Plana
FR	Frame	Rahmen	Châssis	Châsis
FR	Folded Rim	Abgekanteter Rand	Bord Replié	Pestaña Plegada
FRT	Front	Vorn	Avant	Delantero
FRT POS LTS	Front Position Lights	FrontLeuchten	Feu Position Avant	Faros Delanteros
FT	Foot	Fuss	Pied	Pie
FT ACL	Foot Accelerator	Fussgas	Accélérateur (Pied)	Acelerador de Pie
FRT FDRS	Front Fenders	Vorderkotflügel	Aile Avant	Guardafango Delantero
FT THR	Foot Throttle	Fussgas	Accélérateur (Pied)	Acelerador
FT10	Ford Tractor Intercontinental Operations	Ford Traktor Interkontinentale Organisation	Organisation Tracteurs Ford	Operación Intercontinental del Tractor Ford
FTOE	Ford Tractor Operations Europe	Ford Traktor Europäische Organisation	Organisation Tracteurs FordEurope	Operación Intercontinental del Tractor FordEuropeo
FTONA	Ford Tractor Operations North America	Ford Traktor Nordamerikanische Organisation	Organisation Tracteurs Ford USA	Operación Intercontinental del Tractor FordUSA
FWD	Front Wheel Drive	VorderradAntrieb	Roues Avant Motrices	Tracción Delantera

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ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- G -				
G5	SAE Grade 5, 5.2	SAE Härtestufe 5, 5.2	SAE Catégorie 5, 5.2	SAE Grado 5, 5.2
G8	SAE Grade 8	SAE Härtestufe 8	SAE Catégorie 8	SAE Grado 8
GAL	Gallon	Gallone	Gallon	Galón
GAS	Gasoline	Benzin	Essence	Gasolina
GB	Grade B	Güteklasse B	Catégorie B	Grado B
GC	Grade C	Güteklasse C	Catégorie C	Grado C
GD	Guard	Schutzchild	Protecteur	Protector
GERM	German	Deutsch	Allemand	Alemán
GF	German Fenders	Deutsche Kotflügel	Gardeboue Allemand	Guardafango Aleman
GR	Gear	Zahnrad	Engrenage	Engranaje
GR PMP	Gear Pump	Zahnradpumpe	Pompe à Engrenages	Bomba del Engranaje
GSR	Greaser	SchmierVorrichtung	Graisser	Con Grasa
- H -				
H EXH	Horizontal Exhaust	Waagerechter Auspuff	Echappement Horizontal	Escape Horizontal
HAZ WRN	Hazard Warning	WarnblinkAnlage	Avertissement Risques	Advertencia de Peligro
HB	Hex Bolt	Sechskantschraube	Vis Tete Hexagonale	Perno Hexagonal
HB TAP	Hex Tap Bolt	Sechskantspundschraube	Vis Tete Hexagonale	Prisionero Hexagonal
HD	Head	Kopf	Taraudeuse	Pistón cónico
HD/LAND	Headland	SpitzKolben	Piston conique	Freno de Mano
HDBK	Handbrake	Handbremse	Frein à Main	Manija
HDL	Handle	Handgriff	Mánivelle	Faról Delantero
HDLPS	Headlamps	Scheinwerfer	Phares	Quincalla
HDWR	Hardware	Eisenwaren	Visserie	Hex.
HEX	Hexagon	Sechskant	Hex.	Freno de ManoPie
HFBK	HandFoot Brake	HandFussbremse	Frein à Main/Pied	Cabeza Hexagonal
HH	Hex Head	Innensechskantschraube	Tête Hexagonale	Autorización de la
HI CL	High Clearance	Freie Höhe	Dégagement en Hauteur	
HPL	Hydraulic Power Lift	Hydraulischer ServoLift	Relevage Hydraulique	Levante de Poder Hidráulico
HS	Hex Socket	Innensechskant	Douille Hexagonale	Casquillo Hexagonal
HSG	Housing	Gehäuse	Carter	Envoltura
HSK	Hex Socket Head	Innensechskantkopf	Tete Douille Hexagonale	Cabeza Hueca Hexagonal
HSS	Hydraulic Shuttle Shift	Hydraulische Wechselschaltung	Changement de vitesses par navette hydraulique	Cambio hidráulico de vaivé
HST	Hydrostatic Transmission	Hydrostatische Getriebe	Boîtes de vitesses hydrostatiques	Transmisiones hidrostáticas
HT	Heat Treated	Wärmebehandelt	Avec Traitement Thermique	Termotratado
HTR	Heater	Heizung	Chauffage	Calefactor
HWH	Hex Washer Head	Sechskantunterlegscheibenkopf	Tete Hexagonale a Rondelle	Cabeza Arandela Hexagon
HYD	Hydraulic	Hydraulik	Hydraulique	Hidraulico
HYD LFT	Hydraulic Lift	Hydraulische Hub Vorrichtung	Relevage Hydraulique	Levante Hidráulico
HYD PMP	Hydraulic Pump	HydraulikPumpe	Pompe Hydraulique	Bomba Hidráulica
- I -				
I HDLPS	Inset Headlamps	Eingesetzte Scheinwerfer	Phares Encastrés	Faroles Insenados
ID	Inside Diameter	Innendurchmesser	Diametre Interne	Diametro Interior
IGN	Ignition	Zündung	Allumage	Arranque
INCL	Includes	Einschliesslich	Comprend	Incluye
IND	Industrial	Industriell	Industriel	Industrial
INS	Insulated	Isoliert	Isolé	Aislado
INSL	Insulation	Isolierung	Isolement	Insulación
INSTR	Instrument	Instrument	Instrument	Instrumento
INT	Internal	Inner(er)s	Intérieur	Interno
INTXT T	Internal/External Tooth	Interne/Externe Zahn	Dent Interne/Externe	Diente Interno/Externo
INTK	Intake	Einlass	Admission	Admisión
IPTO	Independent Power Take Off	Unabhängige Zapfwelle	Prise de Force Indépendante	Toma de Fuerza Independiente
IT	Italy	Italien	Italie	Italia

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ABBREVIATION INDEX

ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- J -				
JN JS	Hex Jam Nut Jam Screw	Sechskantklemmutter Klemmschraube	ContreErou Hexagonal Vis de Blocage	Contratuerca Hexagonal Tornillo de Fijacion
- K -				
KNP KPH	Knurled Point Kilometers Per Hour	Schlüssel Gerändelter Punkt km/h	Clavette Pointe Moletée Kilomètre Heure	Llave Punta Moleteado Kilómetros por Hora
- L -				
L/ L/RT DG	Less Less Return to Dig	Ohne Ohne Rücklauf zum Sammelbehälter	Sans Sans retour pour creuser	Menos Sin regreso a cavar
LAM CAB LB LDR LF LG LGH LG TIRES LH LHT LIC LKS LM LN	Lambourn Cab Pound Loader Lubrication Fitting Long Length Large Tires Left Hand Left Hand Thread License Links Load Monitor Hex Lock Nut	Lambourn Kabine Pfund (Gew.angabe) Lader Schmierungsanschluss Lang Lange Grosse Reifen Links Linksgangiges Gewinde Nummernschild Unterlenker LoadMonitor Sechskantgegenmutter	Cabine Simple Livre Chargeur Graisseur Long Longueur Pneus Grandes Côté Gauche Filetage a Gauche Plaque Minéralogique Embouts Contrôle de Charge ContreErou Hexagonal	Lambourn Cabina Libra Cargador Conector de Lubricacion Largo Longitud Llanta Grande Mano Izquierda Rosca Izquierda Placa de Licencia Eslabón Mando de Carga Tuerca de Seguridad Hexagonal Espacio Libre Bajo Puentes
LQ CL LPS LPTO	Low Clearance Lamps Live Power Take OH	Niedrige Kopffreiheit Leuchten MotorZapfwelle	Garde au Sol Feu Prise de Force Directe	Espacio Libre Bajo Luz Toma de Potencia Generadora
LRS LTS LVR LW LWB LWR	Loader Restraint System Lights Lever Lock Washer Long Wheel Base Lower	Laderrückhaltesystem Leuchten Hebel Sicherungsscheibe Langer Radstand Senken	Système de Limitation de Chargeur Feux Lever RondelleFrein Empattement Long Baissier	Sistema de Sujecion de la Cargadora Luz Palanca Arandala de Seguridad Rueda de Base Larga Bajar
- M -				
M MAG MAN MAN ADJ WHLS MAN REV TRNS MAN STRG MB MID MTD MWR MLDG MM MS MTD MTG MTR	Metric Magnet Manual Manual Adjustable Wheels Manual Reversing Transmission Manual Steering Machine Bolt Mid Mounted Mower Molding Millimeters Machine Screw Mounted Mounting Motor	Metrisch Magnet Handbetätigung Manuell verstellbare Räder Manuellement Handschaft Umkehr Getriebe Manuelle Lenkung Maschinenbolzen Zentralmontiertes Mähwerk Leiste Millimeter Maschinenschraube Montiert Montage Motor	Métrique Aimant Manuel Voie Réglable Transmission à Inversion de Marche Manuelle Direction Manuelle Boulon Cylindrique Barre de Coupe Ventrale Moulure Millimetres Vis Cylindrique Monté Montage Moteur	Metrico Iman Mecánica Ruedas de Ajuste Manual Transmision Marcha Atras Manual Transmisión Manual Perno Maquinado Dallador Montado en el Centro Moldura Milímetros Tornillo Maquinado Montar Montaje

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ABBREVIATION INDEX

ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- N -				
N	Hex Nut	Sechskantmutter	Ecrou Hexagonal	Tuerca Hexagonal
NA	North America	Nordamerika	Amérique du Nord	Norteamérica
NETH	Netherlands	Niederlande	Hollande	Holanda
NLS	No Longer Serviced	Nicht länger gewartet	N'est Plus disponible en	No Se Repara
NS	Non Synchronized Transmission	Standard Schaltgetriebe	Transmission Non Synchronisée	Transmisión No Sincronizada
NPTF	Pipe Thread	Rohrgewinde	Filetage de Tuyau	Rosca de Tubería
NS	Not Serviced	Nicht gewartet	Non Fourni	No Se Repara
NSS	Not Serviced Separately	Nicht gesondert gewartet	N'est Plus Fourni	No Se Repara Separadamente
- O -				
O	Offset	Kropfung	Décalage	Decalaje
O/SD	Outside	Aussen	à L'extérieur	Exterior
O/S	Oversize	Übergrösse	Trop Grand	Sobretamaño
OC	Order Components	AuftragsBestandteil	Commander Composant	Pedir Componentes
OCH	Open Center Hydraulics	MitteldurchflussHydraulik	Hydrauliques Centre Ouvert	Hidráulico de Centro Abierto
OD	Outside Diameter	Aussendurchmesser	Diametre Extérieur	Diametro Exterior
OH	Oval Head	Ovaler Kopf	Tete Ovale	Cabeza Oval
OP	Oval Point	Ovaler Punkt	Pointe Ovale	Punta Oval
OPNG	Opening	Öffnung	Ouverture	Abertura
OPT	Optional	Wahlweise	Facultatif	Opcional
OW	Order From Wholegoods	SammelBestellung	Commander sur Fournitures Générales	Mandar el inventario
- P -				
P	Plated	Mit Platten versehen	Plaqué	Plateado
P ADJ WHLS	Power Adjustable Wheels	Räder mit Kraftverstell Felgen	Roues à Voie Réglable au Moteur	Ruedas de Potencia Ajustable
P R TRNS	Power Reversing	Wandler UmkehrGetriebe	Transmission à Inversion	Potencia de Transmisión
PANH	Transmission		de Marche Hydraulique	Marcha Atrás
PASS	Pan Head	Pfannenkopf	"Pan Head"	Cabeza Troncoconica
PAT	Passenger	Beifahrer	Passager	Pasajero
B	Plastic Patch	Kunststoffstück	Piece de Plastique	Parche de Plastico
PBRH	Plow Bolt	Nutenbolzen	Boulon de Charrue	Perno de Arado
	Parking Brake Release Handle	FeststellbremsLösehebel	Déverrouillage de Frein de Stationnement	Manilla de Soltar el Freno de Estacionamiento
PDL	Pedal	Pedal	Pédale	Pedal
PEL	Plastic Pellet	Kunststoffpellet	Grain de Plastique	Pellet de Plastico
PF MTR	Proofmeter	Traktormeter	Totalsateur	Medida de Prueba
PHIL	Phillips Head	Kreuzschlitzkopf	Tete Cruciforme	Cabeza en Cruz
PK LPS	Parking Lamps	Parkleuchten	Feux de Stationnement	Lámparas Estacionamiento
PL	Procure Locally	Ortlich beschaffen	Procurer Localement	Conseguir Localmente
PLFM	Platform	Plattform	PlateForme	Plataforma
PLN	Plain	Eben	Plein	Simple
PMP	Pump	Pumpe	Pompe	Bomba
PNL	Panel	Füllung	Tableau	Tablero
POS	Position	Stellung	Position	Posición
PRE CLNR	Pre Cleaner	Vorabscheider	Préfiltre	Degradador
PS	Power Steering	HilfskraftLenkung	Direction Assistée	Servodirección
PST	Post	Pfosten	Montant	Poste
PST ROPS	Post Rollover Protection System	Überrollbügel Schutzsystem	Montant Arceau de Sécurité	Poste ROPS
PT	Pipe Thread	Rohrgewinde	Filetage de Tuyau	Rosca de Tubería
PTO	Power Take Off	Zapfwelle	Prise de Force	Toma de Fuerza
- Q -				
QT	Quart	Liter	Quart	Cuarto
QTR	Quarter	Viertel	Quart	Cuarto

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ABBREVIATION INDEX

ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- R -				
RAD	Radiator	Kühler	Radiateur	Radiador
RB	Replaced By	Ersetzen durch	A remplacer par	Reemplazar con
RD	Road	Strasse	Route	Carretera
RDH	Round Head	Runder Kopf	Tete Ronde	Cabeza Redonda
RE	Remote	Zusatz	A Distance	Remoto
RE CPLR	Remote Coupler	SchnellöseKupplung	Raccord d'Alimentation Extérieure	Acoplado Remoto
RE VALVE	Remote Valve	ZusatzSteuerventil	Distributeur Extérieur	Válvula de Remoto Control
REF	Reference	Referenz	Référence	Referencia
REINF	Reinforcement	Verstärkung	Renfort	Refuerzo
REPL	Replaces	Ersetzt	Remplace	Reemplaza
REV	Reversible	Umkehr	Réversible	Reversible
REV ST	Reversible Seat	Umkehrbarer Sitz	Siège Réversible	Asiento Reversible
RGD LKS	Rigid Links	Starre Gestänge	Barres Rides	Eslabón Sólido
RH	Right Hand	Rechts	Côté Droit	Mano derecha
RIV	Rivet	Niet	Rivet	Remache
RO	Reference Only	Nur als Hinweis gedacht	Uniquement Référence	Unicamente Referencia
ROPS	Rollover Protection System	Überrollbügel Schutzsystem	Arceau de Sécurité	ROPS
RR	Rear	Hintere(s)	Arrière	Trasero
RSD FDRS	Raised Fenders	Hohe Kotflügel	Ailes Hautes	Guardafangos Elevados
RSVR	Reservoir	Behälter	Réservoir	Tanque
RTN	Return	Rücklauf	Rappel	de Retorno

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ABBREVIATION INDEX

ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- S -				
S DB	Swinging Drawbar	Schwenkbare Zugstange	Barre d'Attelage Oscillante	Barra de Traccion
S O	Special Order	SonderBestellung	Commande Spéciale	Order Especial
SAF FR	Safety Frame	SicherheitsRahmen	Châssis de Sécurité	Bastidor de Seguridad
SB	Step Bolt	Stufenbolzen	Boulon a Epaule	Perno Escalonado
SC	Screw	Schraube	Vis	Tornillo
SD	Side	Seite	Côté	Lateral
SD FLSHR	Side Flashers	Seitenblinker	Clignotants Latéraux	Luz Intermitente Lateral
SD HDLPS	Side Headlamps	Seitlich angebrachte Scheinwerfer	Projecteurs Latéraux	Farol Delantero Lateral
SD LGTS	Side Lights	BegrenzungsLeuchten	Feu de Position	Lamparas Lateral
SEK	Sekura Cab	SekuraKabine	Cabine Sekura	Cabina Sekura
SEP	Separate	Getrennt	Séparé	Separado
SER ONLY	Service Only	Nur Service	Uniquement Service	Solamente Reparar
SGL	Single	Einzel	Simple	Simple
SGL CLTCH	Single Clutch	EinscheibenKupplung	Embrayage Simple	Embrague Simple
SGL FLTR	Single Filter	Einzelfilter	Filtre Simple	Filtro Simple
SGL LVR HYD LFT	Single Lever Hydraulic Lift	Einhebel Hydraulik HubVorrichtung	Relevage Hydraulique 1 Levier	Levante Hidraulico Palanca Simple
SGL SPL	Single Spool	Einzelspule	Tiroir Simple	Carrete Simple
SH	Shoulder	Schulter	Epaule	Reborde
SHL	Shell	Gehäuse	Coquille	Envoltura
SL	Slotted	Geschlitzt	A Fente	Ranurado
SLS	SelfLocking Screw	Sicherheitsschraube	Vis Autofreinée	Tornillo Autotractable
SM	Saddle Mount	Standard Kabine	Montage Encastré	Montaje de Horcaxada
SMS	Synchronized Manual Shift	Synchronisierte Handtätige Gangschaltung	Changement de Vitesse Manuelle Synchronisé	Cambios Manuales Sincronizados
SMV	Slow Moving Vehicle	LangsamfahrFahrzeug	Véhicule Lent	Vehículo a Poca Velocidad
SN	Hex Slotted Nut	Sechskant Geschlitzte Mutter	Ecrou Hexagonal a Fente	Tuerca Ranurada Hexagonal
SP PIN	Spring Pin	Federstift	Ressort	Pasador de Resorte
SPCL	Special	Spezial	Spécial	Especial
SPCR	Spacer	Abstandsring	Entretoise	Espaciador
SPD	Speed	Geschwindigkeit	Vitesse	Velocidad
SPDMTR	Speedometer	Geschwindigkeitsmesser	Compteur de Vitesse	Velocimetro
SPL	Spool	Steuerschieber	Tiroir	Carrete
SPR	Super	Super	Supérieur	Excelente
SPR COM ST	Super Comfort Seat	SuperKomfort Fahrersitz	Siège Super Comfort	Asiento de Super Comfor
SPRT	Support	Stütze	Support	Soporte
SQ	Square	Rechteckig	Carré	Cuadrado
SQN	Square Nut	Vierkanmutter	Ecrou Carré	Tuerca Cuadrada
SS	Set Screw	Stellschraube	Taraudeuse	Tornillo de Ajuste
SS BKHOE	Side Shift Backhoe	Seitlich versetzbarer Heckbagger	Tractopelle Déportable	Retroexcavador de Cambi
SSS	Synchronized Shuttle Shift	Synchronisierte Pendelbetriebe Schaltung	Changement e Vitesse de VaetVient Synchronisé	Cambios de Vaivén Sincronizados
S/T	SelfTapping	Selbstbohrend	Vis Taraudeuse	Roscalata
ST	Seat	Sitz	Siège	Asiento
STAB BARS	Stabilizer Bars	StabilisatorStangen	Barres Stabilisatrices	Varilla de Estabilizador
STD	Standard	Standard	Standard	Especificación Modelo
STOP LPS	Stop Lamps	BremsLeuchten	Feux de Stop	Luces de Alto
STRG	Steering	Lenkung	Direction	Dirección
STS	SelfTapping Screw	Blechschrabe	Empattement Court	Tornillo Roscalata
SWB	Short Wheel Base	Kurzer Radstand	Vis Taraudeuse	Distancia Entre Ejes Cona
SWED	Sweden	Schweden	Suède	Suecia
SWLD	Switzerland	Schweiz	Suisse	Suiza
SYNCO	Synchronized	Synchronisiert	Synchronisé	Sincronizado

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ABBREVIATION INDEX

ABBREV.	ENGLISH	DEUTSCH	FRENCH	SPANISH
- T -				
12P	12 Point	12 Spitze	12 Pointe	12 Punto
T	Teeth	Zähne	Dents	Dientes
TRANS PTO	Transmission Power Take Off	Getriebe-Zapfwelle	Prise de Force Sur Transmission	Toma de Fuerza
TH	Truss Head	Sprengkopf	Tete Renforcée	Cabeza de Refuerzo
THK	Thick	Dick	Epais	Grueso
THS	Truss Head Slotted	Sprengkopf Geschlitzt	Tete Renforcée a Fente	Cabeza de Refuerzo Ranurada
TL BX	Tool Box	Werkzeugkasten	Boîte à Outils	Caja de Herramientas
TLR BKS	Trailer Brakes	Anhängerbremsen	Freins de Remorque	Freno de Remolque
TOB SPCL	Tobacco Special	Tabakbau Spezial	Spécial Tabac	Tabaco Especial
TQ CONV TRANS	Torque Converter Transmission	Wandlergetriebe	Transmission avec Convertisseur de Couple	Convertidor de Transmisión de Torsión
TRNS	Transmission	Getriebe	Transmission	Transmisión
TRNS MTD PMP	Transmission Mounted Pump	Am Getriebe montierte Pumpe	Pompe Montée sur Transmission	Bomba Montaje Transmisión
TS	Thumb Screw	Flügelschraube	Vis a Oeilles	Perilla
TSC	Tool Storage Compartment	Werkzeugfach	Compartiment à Outils	Compartimiento de Herramientas
TUB	Tubular	Röhrenförmig	Tubulaire	Tubular
TURN IND	Turn Indicators	BlinkerAnzeiger	Clignotants	Luz Señal de Viraje
- U -				
U/S	Undersize	Unterdimensioniert	De Petite Taille	Subtamaño
UK	United Kingdom	United Kingdom	Royaume Uni	Gran Bretaña
UNC	Coarse Thread	Grobgewinde	Gros Filet	Rosca Gruesa
UNF	Fine Threads	Feingewinde	Filet Fin	Rosca Fina
US	United States	U.S.A.	Etats Unis	Estados Unidos
USR	Underserrated	Unterfächert	Avec des Dents Trop	Petites Enmuescado
- V -				
VV	Brazil	Brasilien	Brésil	Brazil
V EXH	Vertical Exhaust	Senkrechter Auspuff	Echappement Vertical	Escape Vertical
VLV	Valve	Ventil	Soupape	Válvula
VW	View	Ansicht	Vue	Vista
- W -				
W	Watt	Watt	Watt	Vatio
W ADJ	Wide Adjustable	Breitenverstellbar	Voie Réglable	Ajuste Largos
W/FDRS	wide Fenders	Breite Kotflügel	Ailes Larges	Guardafangos Largos
W/	With	Mit	Avec	Con
W/O	Without	Ohne	Sans	Sin
W/RT DG	With Return to Dig	Mit Rücklauf zum Sammelbehälter	Avec retour pour creuser	Con regreso a cavar
WA	Weld Assembly	Schweissaufbau	Ensemble Soudé	Conjunto Soldado
WD	Wheel Drive	Radantrieb	Transmission sur Roue	Rueda Motriz
WET A CLNR	Wet Air Cleaner	Olbad/Luftfilter	Filtre à Air à Bain d'Huile	Limpiador del Aire Húmedo
WL	With Lockwasher	Mit Sicherungsscheibe	Avec Rondelle/Frein	Con Arandela de Seguridad
WN	Weld Nut	Schweissmutter	Ecrou Soudé	Tuerca Soldada
WNDW	Window	Fenster	Fenêtre	Ventana
WNGN	Wing Nut	Flügelmutter	Ecrou a Oeilles	Tuerca Mariposa
WNGS	Wing Screw	Flügelschraube	Vis a Oeilles	Tornilla Manposa
WOOD	Woodruff	Woodruff	Woodruff	Medialuna
WR	Wire	Draht	Fil	Alambre
WS	Weatherstrip	Dichtungstreifen	Bourrelet d'Etanchéité	Burlete
WSC	Wood Screw	Holzschraube	Vis a Bois	Tornillo Para Madera
WSHLD	Windshield	Windschutzscheibe	Parebrise	Parabrisas
WSHR	Washer	Scheibe	Rondelle	Arandela
WW	Windshield Washers	Scheibenwaschanlage	Laveglace	Lavador del Parabrisa
- X -				
- Y -				
- Z -				

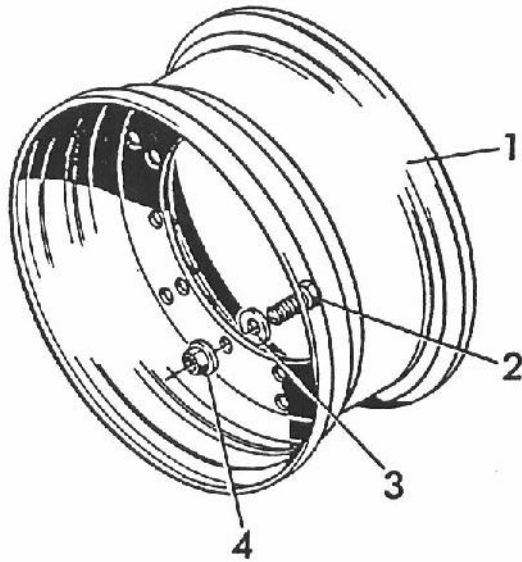
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SECTION 1 - WHEELS
SEKTION 1 - RADS
SECTION 1 - ROUES
SECCION 1 - RUEDAS

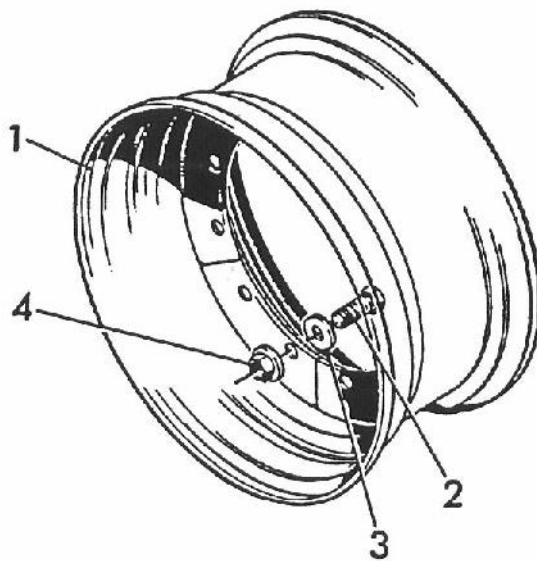
Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
1A1	Wheels - 12 Bolt Rads - 12 Bolzen Roues - 12 Boulon Ruedas - 12 Tornillo	1-3	
1A2	Dual Wheels with 11" Spacers - 12 Bolts Doppelrader mit 11" Abstandsring - 12 Bolzen Roues Jumelées avec 11" Entretoise - 12 Boulon Ruedas Gemelas con 11" Espaciador - 12 Tornillo	1-5	
1A3	Dual Wheels with 14" Spacers - 12 Bolts Doppelrader mit 14" Abstandsring - 12 Bolzen Roues Jumelées avec 14" Entretoise - 12 Boulon Ruedas Gemelas con 14" Espaciador - 12 Tornillo	1-7	
1A4	Wheels - 16 Bolts Rads - 16 Bolzen Roues - 16 Boulon Ruedas - 16 Tornillo	1-9	
1A5	Dual Wheels with 11" Spacers - 16 Bolts Doppelrader mit 11" Abstandsring - 16 Bolzen Roues Jumelées avec 11" Entretoise - 16 Boulon Ruedas Gemelas con 11" Espaciador - 16 Tornillo	1-11	
1A6	Dual Wheels with 14" Spacers - 16 Bolts Doppelrader mit 14" Abstandsring - 16 Bolzen Roues Jumelées avec 14" Entretoise - 16 Boulon Ruedas Gemelas con 14" Espaciador - 16 Tornillo	1-13	

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FIGURE 1A1 - WHEELS - 12 BOLT



20.8 x 38



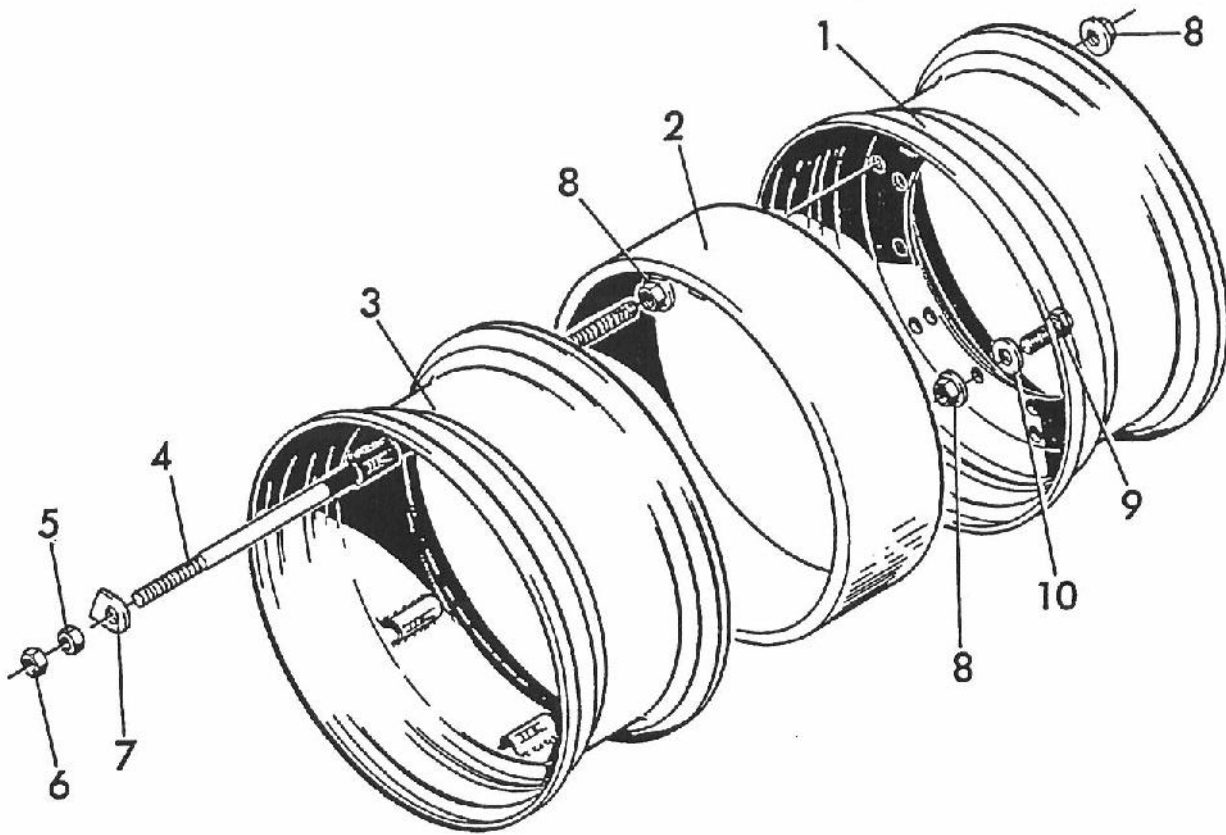
24.5 x 32

30.5 x 32

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FIGURE 1A1 - WHEELS - 12 BOLT
 RADS - 12 BOLZEN
 ROUES - 12 BOULON
 RUEDAS - 12 TORNILLO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V109283		78-84/	41	Rim - 18 x 38 - Replaces 20263
		V17405		78-84/	41	Rim - 27 x 32
		V32002		78-84/	41	Rim - 21 x 32 - Replaces 16836
2		V48946		78-84/	48	Screw - Cap - Hex - 3/4" - 10 UNC x 3-1/4"
3		V44314	3975791	83-84/	48	Washer - Flat - 13/16" ID x 1-15/32" OD x 10 GA - Replaces 66209
4		V48947		78-84/	48	Nut - Flange - Hex - 3/4" - 10 UNC - Replaces 48947P

835 TRACTOR**FIGURE 1A2 - DUAL WHEELS WITH 11" SPACERS - 12 BOLT**

18.4 x 38
20.8 x 38

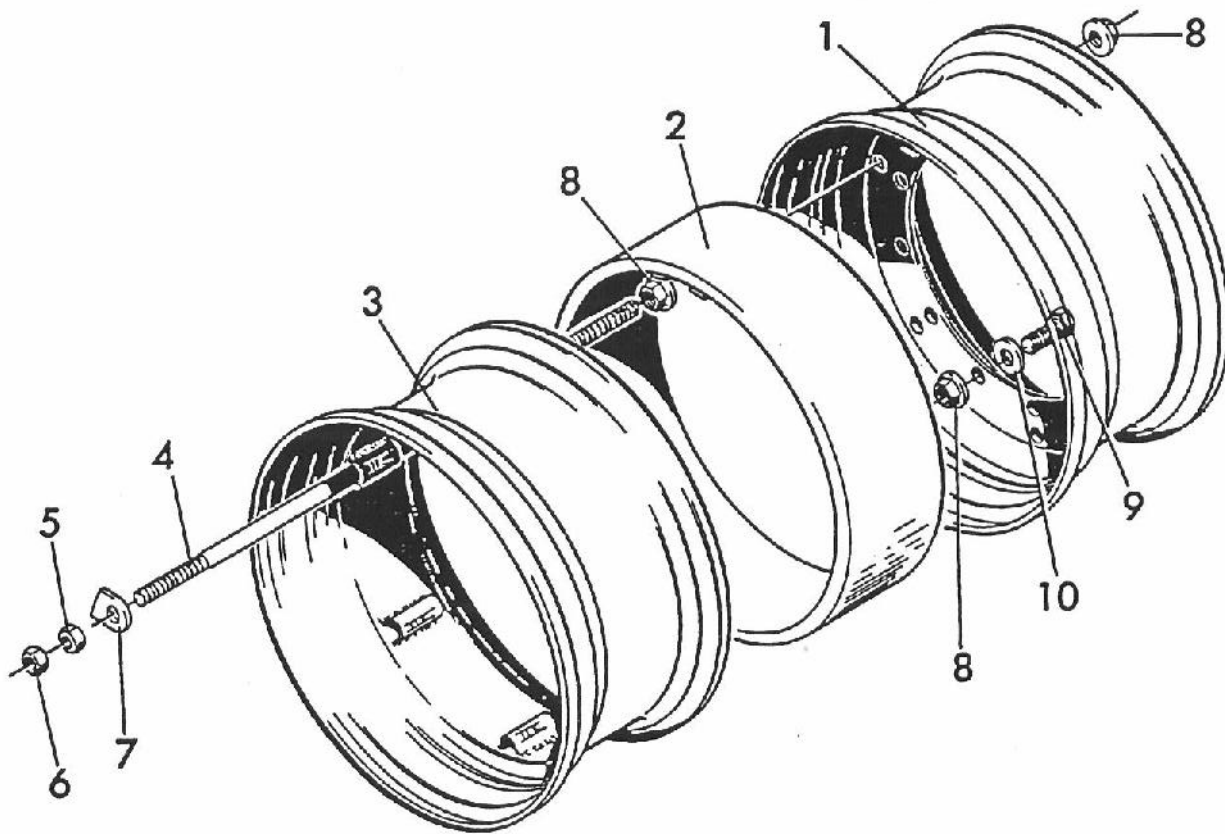
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FIGURE 1A2 - DUAL WHEELS WITH 11" SPACERS - 12 BOLT
 DOPPELRÄDER MIT 11" ABSTANDSRING - 12 BOLZEN
 ROUES JUMELÉES AVEC 11" ENTRETOISE - 12 BOULON
 RUEDAS GEMELAS CON 11" ESPACIADOR - 12 TORNILLO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V109282		78-84/	4	Rim - Inner - 16 x 38 - Replaces 19379
1		V109283		78-84/	4	Rim - Inner - 18 x 38 - Replaces 20263
2		V19390		78-84/	4	Spacer - 11 x 38
3		V21760		78-84/	4	Rim - Outer - 16 x 38
3		V19878		78-84/	4	Rim - Outer - 18 x 38
4	(1)	V77109		78-84/	24	Rod - Tie 28.5 - 16 x 38 - Replaces 17042
4	(1)	V77108		78-84/	24	Rod - Tie 31.5 - 18 x 38 - Replaces 20266
5	(1)	V86331		83-84/	24	Nut - Hex - 3/4" - 10 UNC
5	(2)	V12066		81-83/	24	Nut - Hex - 3/4" - 10 UNC - Replaces 12066P
5		V48947		82/	24	Nut - Flange - 3/4" - 10 UNC - Replaces 48947P
5		V12066		78-80/	24	Nut - Hex - 3/4" - 10 UNC - Replaces 12066P
6		V803T064		78-84/	24	Nut - Jam Hex - 3/4" - 10 UNC - Replaces 803T064P
7	(1)	V78676		83-84/	24	Washer - Dual Bracket
7	(2)	V12309		78-83/	24	Washer - Plain - 13/16" ID x 1-3/4" OD x 7 GA
8	(1)	V48947		78-80,83	96	Nut - Flange - Hex - 3/4" - 10 UNC - 48947P
8	(2)	V12066		81-83/	96	Nut - Hex - 3/4" - 10 UNC - Replaces 12066P
9		V48946		78-84/	48	Screw - Cap - Hex - 3/4" - 10 UNC x 3-1/4" - Replaces 48946P
10		V44314	3975791	81-84/	48	Washer - Flat - 13/16" ID x 1-15/32" OD x 10 GA - Replaces 66209

(1) - ASN 83036768

(2) - BSN 83036769

835 TRACTOR**FIGURE 1A3 - DUAL WHEELS WITH 14" SPACERS - 12 BOLT**

18.4 x 38
20.8 x 38

835 TRACTOR

FIGURE 1A3 - DUAL WHEELS WITH 14" SPACERS - 12 BOLT
 DOPPELRÄDER MIT 14" ABSTANDSRING - 12 BOLZEN
 ROUES JUMELÉES AVEC 14" ENTRETOISE - 12 BOULON
 RUEDAS GEMELAS CON 14" ESPACIADOR - 12 TORNILLO

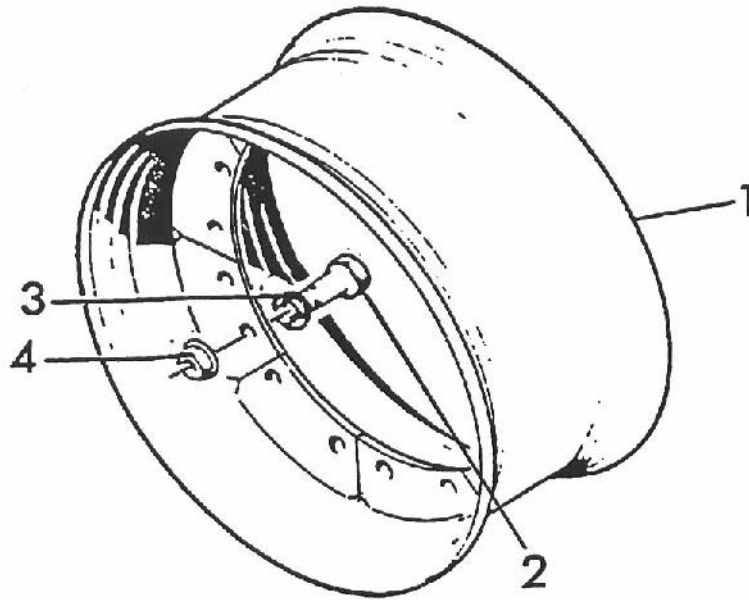
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V109282		78-84/	4	Rim - Inner - 16 x 38 - Replaces 19379
1		V109283		78-84/	4	Rim - Inner - 18 x 38 - Replaces 20263
2		V26287		78-84/	4	Spacer - 14 x 38
3		V21760		78-84/	4	Rim - Outer - 16 x 38
3		V92211	1859702	78-84/	4	Rim - Outer - 18 x 38 - Replaces 19878
4	(1)	V77108		78-84/	24	Rod - Tie - 31.5 - 16 x 38 - Replaces 20266
4	(1)	V77110		78-84/	24	Rod - Tie - 34.5 - 18 x 38 - Replaces 49727
5	(1)	V86331		83-84/	24	Nut - Hex - 3/4" - 10 UNC
5	(2)	V12066		81-83/	24	Nut - Hex - 3/4" - 10 UNC - Replaces 12066P
5		V48947		82/	24	Nut - Flange - 3/4" - 10 UNC - Replaces 48947P
5		V12066		78-80/	24	Nut - Hex - 3/4" - 10 UNC - Replaces 12066P
6		V803T064		78-84/	24	Nut - Jam Hex - 3/4" - 10 UNC - Replaces 803T064P
7	(1)	V78676		83-84/	24	Washer - Dual - Bracket
7	(2)	V12309		78-83/	24	Washer - Plain 13/16" ID x 1-3/4" OD x 7 GA
8	(1)	V48947		78-80,83	96	Nut - Flange - Hex - 3/4" - 10 UNC - Replaces 48947P
8	(2)	V12066		81-83/	96	Nut - Hex - 3/4" - 10 UNC - Replaces 12066P
9		V48946		78-84/	48	Screw - Cap - Hex 3/4" - 10 UNC x 3-1/4" - Replaces 48946P
10		V44314	3975791	81-84/	48	Washer - Flat - 13/16" ID x 1-15/32" OD x 10 GA - Replaces 66209

(1) - ASN 83036768

(2) - BSN 83036769

835 TRACTOR

FIGURE 1A4 - WHEELS - 16 BOLT

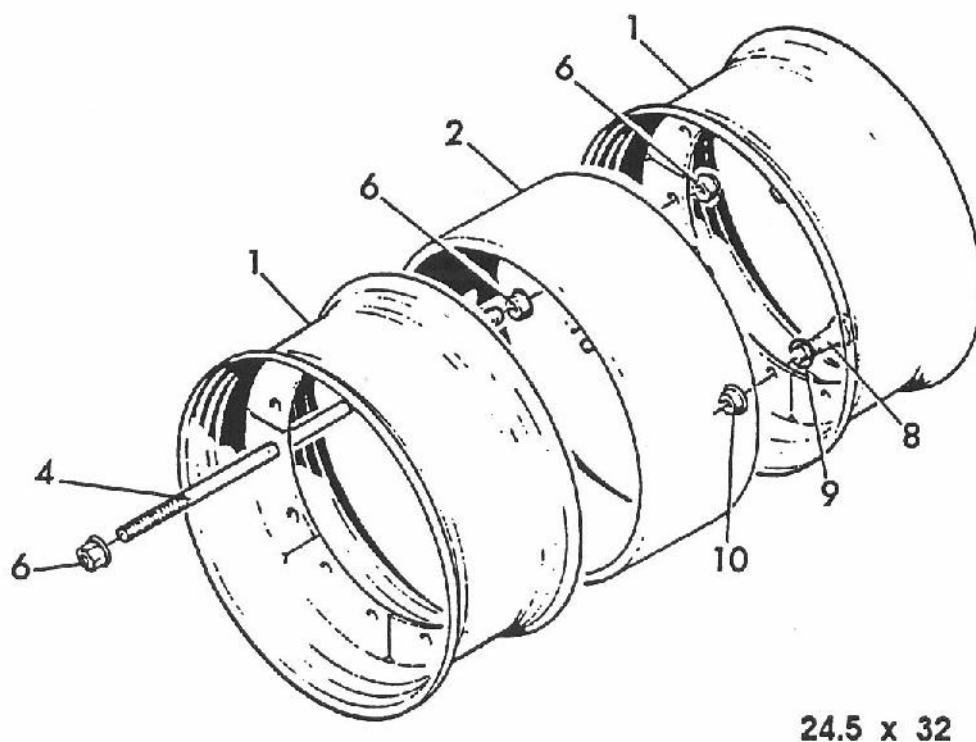
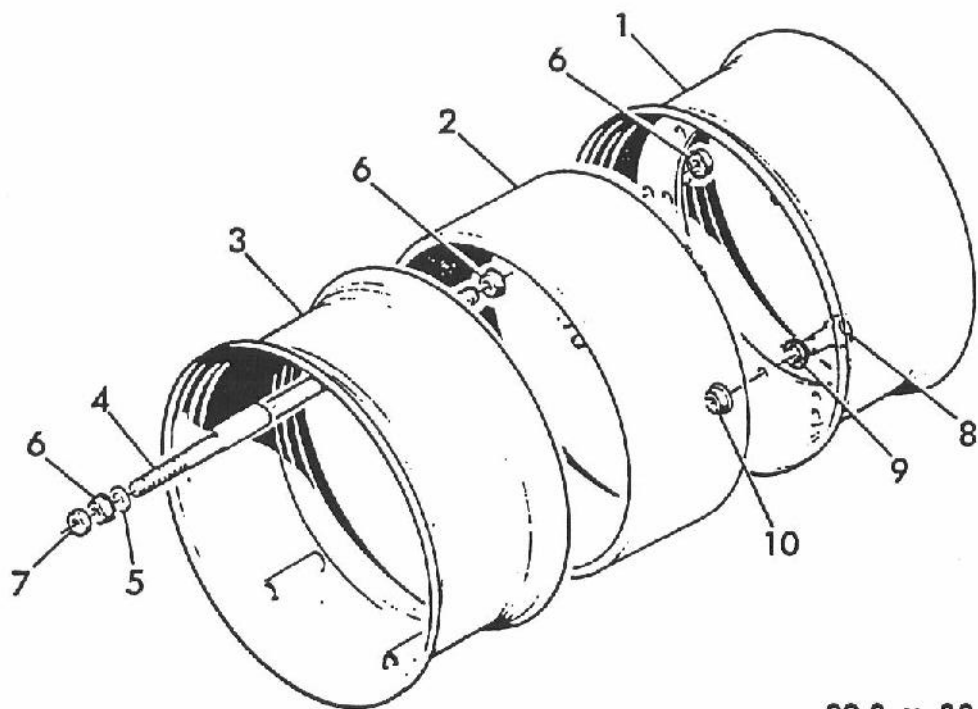


24.5 x 32
30.5 x 32

835 TRACTOR

FIGURE 1A4 - WHEELS - 16 BOLT
 RADS - 16 BOLZEN
 ROUES - 16 BOULON
 RUEDAS - 16 TORNILLO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V91580	1859698	82/	4	Ram - 21 x 32 - L.H. & R.H. - Replaces 66722
		V66724		82/	4	Rim - 27 x 32 - L.H. & R.H.
2		V44125	1860373	82/	64	Screw - Cap - Hex - M20 - 2.5 x 90 mm
3		V44314	3975791	82/	64	Washer - Flat - 13/16" ID x 1-15/32" OD x 10 GA - Replaces 66209
4		V43430	1859700	82/	64	Nut - Flange - M20 x 2.5

835 TRACTOR**FIGURE 1A5 - DUAL WHEELS WITH 11" SPACERS - 16 BOLT**

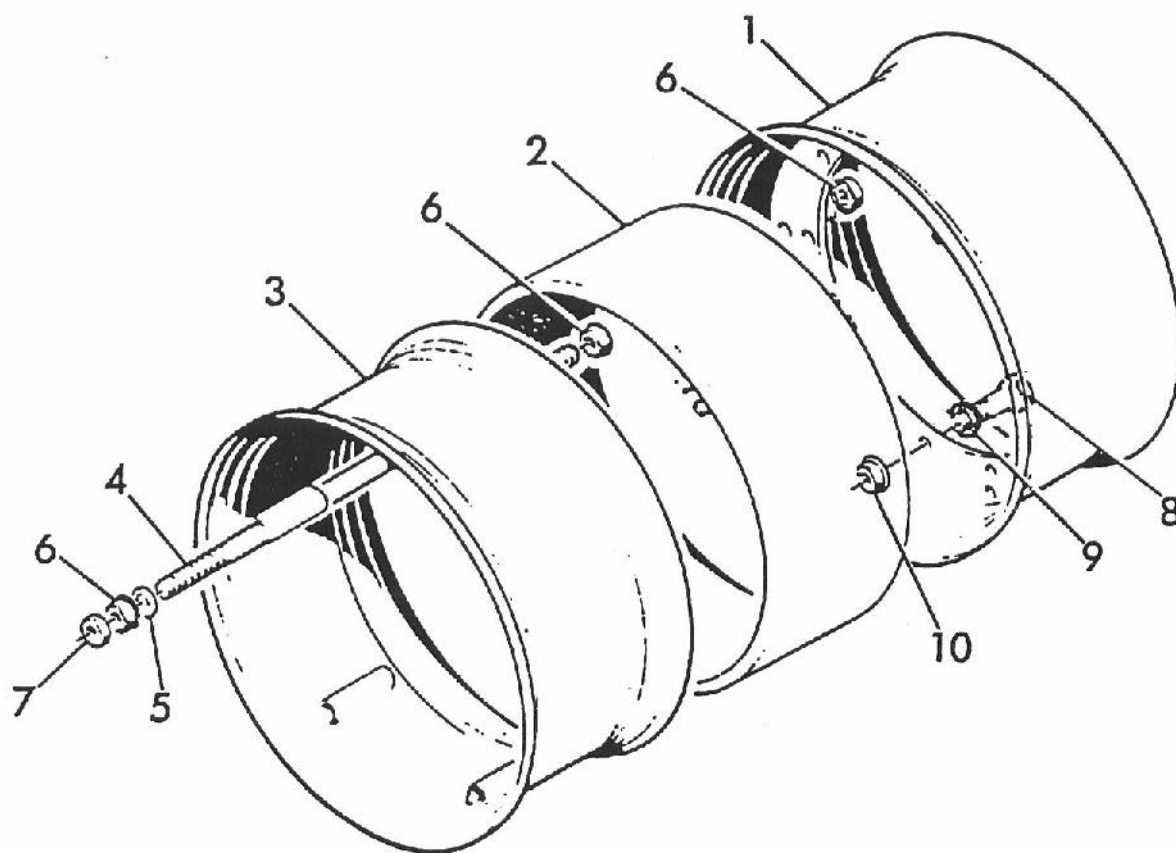
835 TRACTOR

FIGURE 1A5 - DUAL WHEELS WITH 11" SPACERS - 16 BOLT
 DOPPELRÄDER MIT 11" ABSTANDSRING - 16 BOLZEN
 ROUES JUMELÉES AVEC 11" ENTRETOISE - 16 BOULON
 RUEDAS GEMELAS CON 11" ESPACIADOR - 16 TORNILLO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V66418		82/	4	Rim - Inner - 18 x 38
1		V91580	1859698	82/	4	Rim - Inner - 21 x 32 - Replaces 66723
2		V19390		82/	4	Spacer - 11 x 38
2		V32359		82/	4	Spacer - 11 x 32
3		V92211	1859702	82/	4	Rim - Outer - 18 x 38 - Replaces 19878
3		V91580	1859698	82/	4	Rim - Outer - 21 x 32 - Replaces 66723
4		V77108		82/	24	Rod - Tie - 18 x 38 - Replaces 20266
4		V77109		82/	24	Rod - Tie - 21 x 32 - Replaces 17042
5		V12309		82/	24	Washer - 13/16" ID x 1-3/4" OD x 7 GA - 18 x 38 - Replaces 12309P
6		V48947		82/	24	Nut - Flange - 3/4" - 10 UNC - Replaces 48947P
7		V803T064		82/	24	Nut - Jam - 3/4" - 10 UNC - Replaces 803T064P
8		V44125	1860373	82/	64	Screw - Cap - Hex - Class 10.9 - M20 - 2.5 x 90 mm
9		V44314	3975791	82/	64	Washer - 13/16" ID x 1-15/32" OD x 10 GA - Replaces 66209
10		V43430	1859700	82/	64	Nut - Flange - Class 10.9 - M20 - 25

835 TRACTOR

FIGURE 1A6 - DUAL WHEELS WITH 14" SPACERS - 16 BOLT

**18.4 x 38**

835 TRACTOR

FIGURE 1A6 - DUAL WHEELS WITH 14" SPACERS - 16 BOLT
 DOPPELRÄDER MIT 14" ABSTANDSRING - 16 BOLZEN
 ROUES JUMELÉES AVEC 14" ENTRETOISE - 16 BOULON
 RUEDAS GEMELAS CON 14" ESPACIADOR - 16 TORNILLO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V66415		82/	4	Rim - Inner - 16 x 38
2		V26287		82/	4	Spacer - 14 x 38
3		V21760		82/	4	Rim - Outer - 16 x 38
4		V77109		82/	24	Rod - Tie - 16 x 38 - Replaces 17042
5		V12309		82/	24	Washer - 13/16" x 1-3/4" OD x 7 GA - Replaces 12309P
6		V48947		82/	24	Nut - Flange - 3/4" - 10 UNC - Replaces 48947P
7		V803T064		82/	24	Nut - Jam - 3/4" - 10 UNC - Replaces 803T064P
8		V44125	1860373	82/	64	Screw - Cap - Hex - Class 10.9 - M20 - 2.5 x 90 mm
9		V44314	3975791	82/	64	Washer - 13/16" ID x 1-15/32" OD x 10 GA - Replaces 66209
10		V43430	1859700	82/	64	Nut - Flange - Class 10.9 - M20 - 2.5

835 TRACTOR

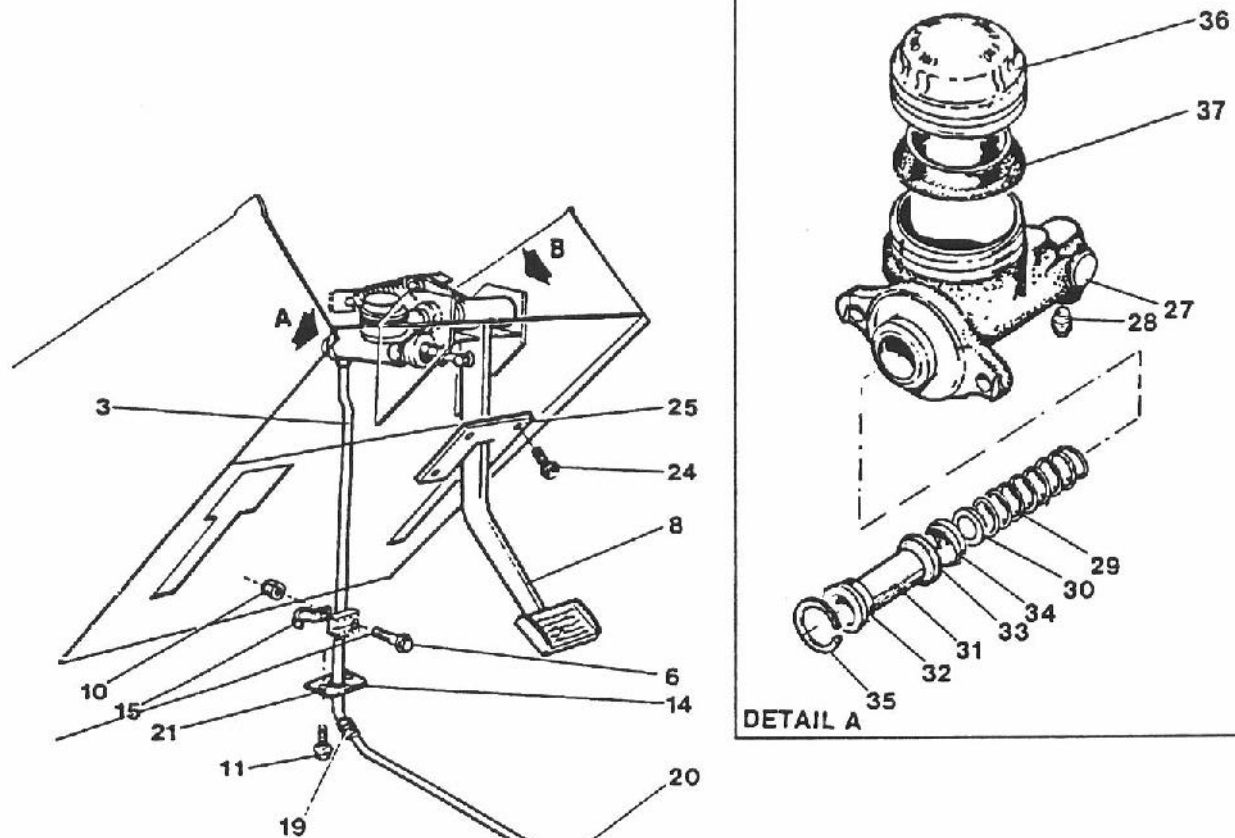
835 TRACTOR

SECTION 2 - BRAKES
 SEKTION 2 - BREMSSES
 SECTION 2 - FREINS
 SECCION 2 - FRENOS

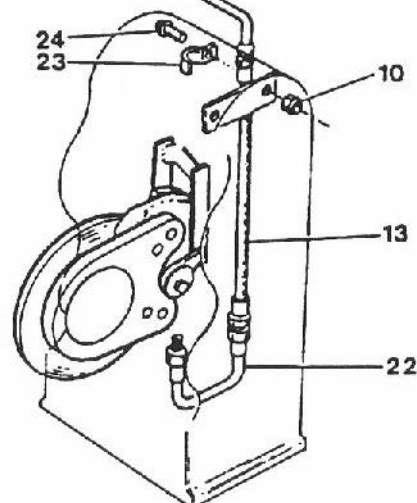
Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
2A1	Hydraulic Brake 79-84 Hydraulisch Bremse Frein Hydraulique Freno Hidráulico	2-3,5	
2A2	Hydraulic Brake (Early Model) 78-79 Hydraulisch Bremse Frein Hydraulique Freno Hidráulico	2-7,9	
2B1	Park Brake 79-84 Feststell - Bremse Frein de Secours Freno de Estacionamiento	2-11,13	
2B2	Park Brake (Early Model) 78-79 Feststell - Bremse Frein de Secours Freno de Estacionamiento	2-15,17	
2B3	Park Brake 78 Feststell - Bremse Frein de Secours Freno de Estacionamiento	2-19	
2C1	Hydraulic Brake Caliper Hydraulische Bremse Frein Hydraulique Freno Hidráulico	2-21	

835 TRACTOR

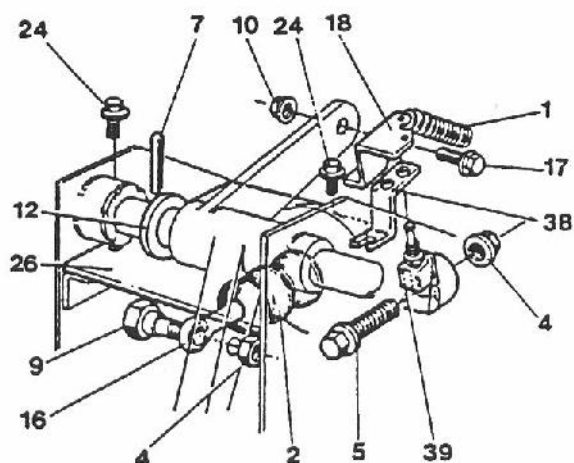
FIGURE 2A1 - HYDRAULIC BRAKE



DETAIL A



DETAIL B



835 TRACTOR

FIGURE 2A1 - HYDRAULIC BRAKE
HYDRAULISCH BREMSE
FREIN HYDRAULIQUE
FRENO HIDRÁULICO

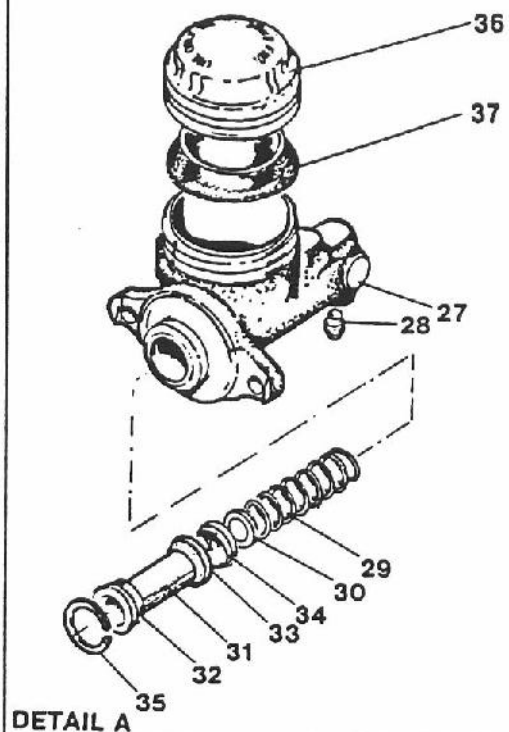
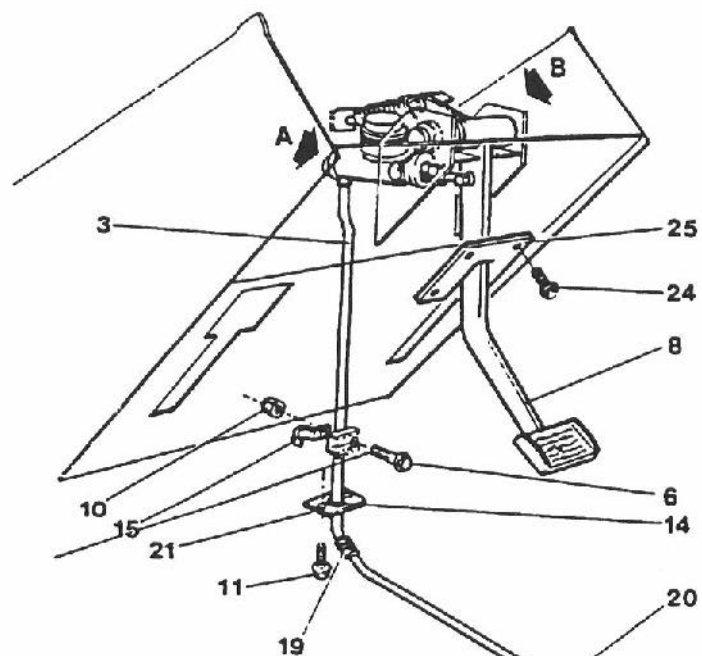
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V15718	1859714	79-84/	1	Spring - Extension
2		V7075		79-84/	1	Boot - Pull Rod
3		V22628		79-84/	1	Brake Line - Steel Upper
4		V29803	3975610	79-84/	3	Nut - Lock - Hex Serrated - 3/8" - 16 UNC - Replaces 29803P
5		V29802	1860122	79-84/	2	Screw - Flange - 3/8" - 16 UNC x 1-1/4" - Replaces 29802P
6		V30198		79-84/	1	Screw - Flange - 1/4" - 20 UNC x 1-1/4" - Replaces 30198P
7		V12122		79-84/	1	Pin - Cotter 3/16" Dia x 1-1/2"
8		V25797		79-84/	1	Pedal - Foot Brake
9		V29822	3975612	79-84/	1	Bolt - Brake Cylinder
10		V29940	3975619	79-84/	3	Nut - Lock - Hex Serrated - 1/4" - 20 UNC - Replaces 29940P
11		V29990	3975620	79-84/	2	Screw - Flange - 5/16" - 18 UNC x 3/4" - Replaces 29990P
12		V14193		79-84/	1	Washer - Plain - 1-1/16" ID x 1-1/2" OD x 16 GA
13		V50321		79-84/	1	Brake Line - Flexible
14		V15810		79-84/	1	Grommet - Rubber 225
15		V260511V1		79-84/	1	Clip
16		V361510V1		79-84/	1	Rod - Push - Master Cylinder
17		V30249	1860273	79-84/	1	Screw - Flange - Hex Serrated - 1/4" - 20 UNC x 1 - Replaces 30249P
18	(1)	V75313		83-84/	1	Bracket - Brake Spring Return
18	(2)	V62324		82-83/	1	Bracket - Brake Spring Return
18		V15643		79-81/	1	Bracket - Brake Spring Return
19		V291219V1		79-84/	1	Tube - Union 1/4"
20		V22629		79-84/	1	Brake Line - Lower
21		V16421		79-84/	1	Plate - Cover
22		V53285	1859730	79-84/	1	Tube Assembly
23		V15741	1859740	79-84/	1	Clamp - Cable
24		V30081	3975625	79-84/	8	Screw - Flange - Hex Serrated - 1/4" - 20 UNC x 1/2" - Replaces 30081P
25		V53284		79-84/	1	Cover
26		V53283		79-84/	1	Bracket - Cover - Brake Mounting
		V53031	1859741	79-84/	1	Master Brake Cylinder Assembly Includes: 27-37
		V26134	1859742	79-84/	1	Body & Tube Seat Assembly Includes: 27 & 28
27				79-84/	1	Body - Cylinder
28		V26135		79-84/	1	Tube - Seat
				80-84/	1	Piston & Return Spring Assembly - Replaces 26136 Includes: 29 & 30
29				79-84/	1	Spring - Piston - Return
30				79-84/	1	Retainer - Piston Return Spring

(1) - ASN 83036768

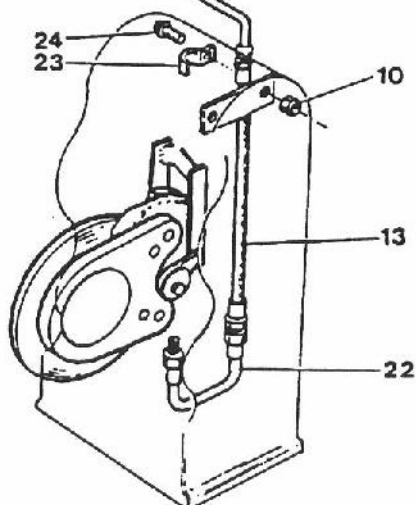
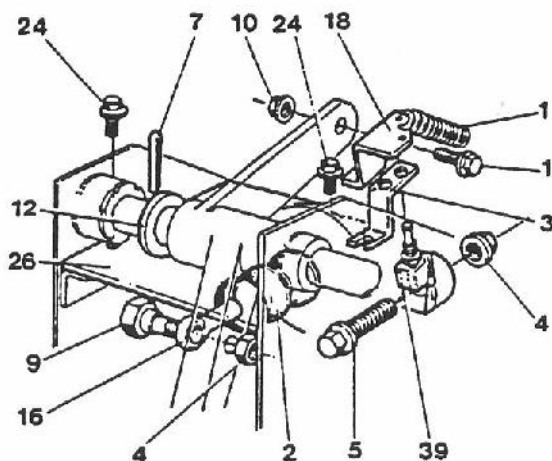
(2) - BSN 83036769

835 TRACTOR

FIGURE 2A1 - HYDRAULIC BRAKE



DETAIL B



835 TRACTOR

FIGURE 2A1 - HYDRAULIC BRAKE
HYDRAULISCH BREMSE
FREIN HYDRAULIQUE
FRENO HIDRÁULICO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
	NSS	V26130	1859744	79-84/	1	Piston Assembly Includes: 31-33
31				79-84/	1	Piston
32				80-84/	1	Cup - Secondary
32		V53859		79/	1	Cup - Secondary
33				79-84/	1	Cup - Protector Primary
34	NSS	V26132	1859745	79-84/	1	Cup - Primary
35		V26133	1859746	79-84/	1	Ring - Snap Piston Stop
36		V26137	1859747	80-84/	1	Cap - Filler
36				79/	1	Cap - Filler
37		V26138	1859748	79-84/	1	Gasket - Diaphragm
38	(1)	V75312		83-84/	1	Bracket - Brake Switch
38	(2)	V67517		82-83/	1	Bracket - Switch Brake
38		V62323		81/	1	Bracket - Switch Brake
39	(1)	V66917	3976299	83-84/	1	Switch - Brake
		V21277	3977067	79-84/	AR	Kit - Master Brake Cylinder Repair Include: 31-35

(1) - ASN 83036768

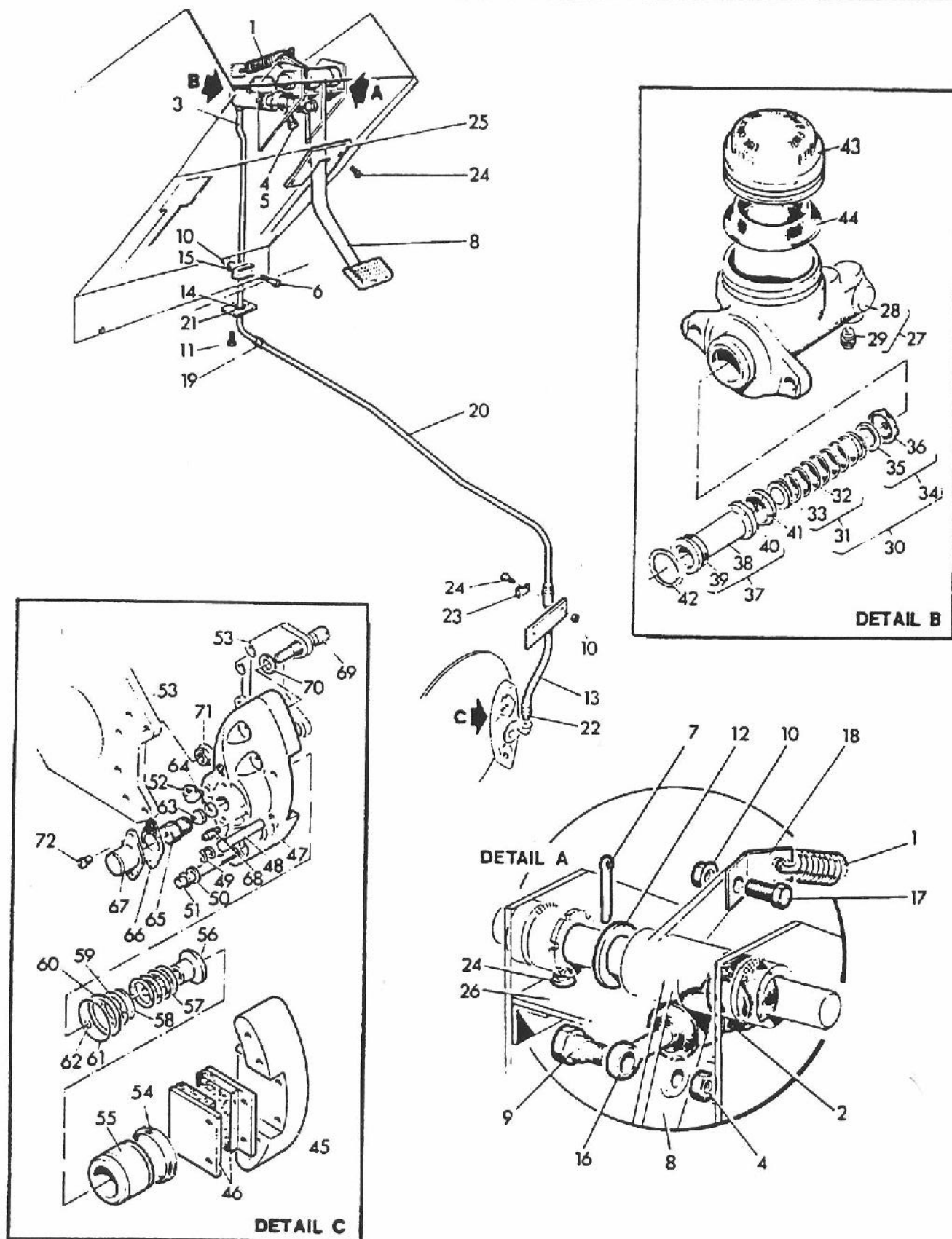
(2) - BSN 83036769

AR - As Required

NSS -Not Serviced Separately

835 TRACTOR

FIGURE 2A2 - HYDRAULIC BRAKE (EARLY MODEL) 78,79



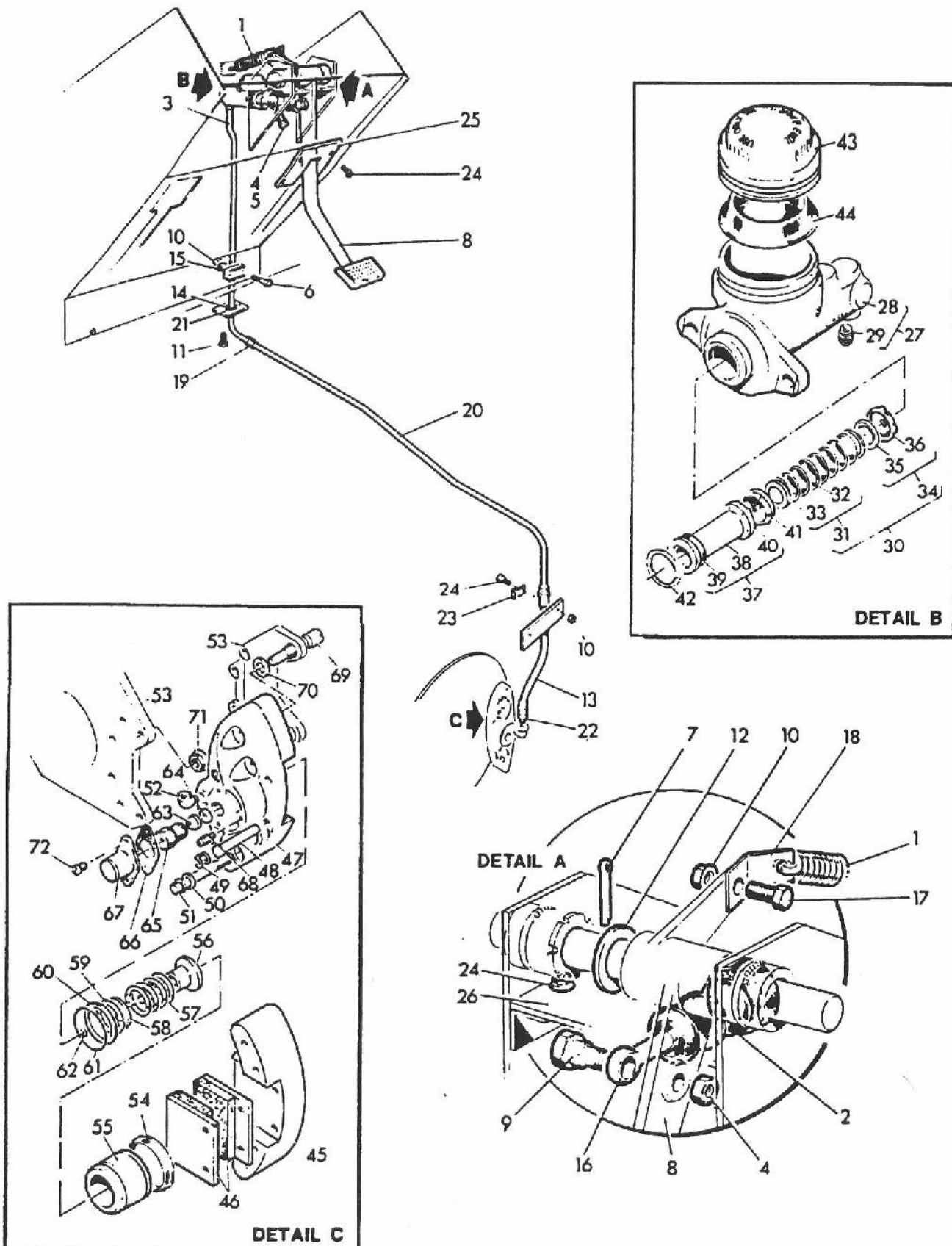
835 TRACTOR

FIGURE 2A2 - HYDRAULIC BRAKE (EARLY MODEL) 78,79
 HYDRAULISCH BREMSE
 FREIN HYDRAULIQUE
 FRENO HYDRAULICO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V15718	1859714	78-79/	1	Spring
2		V7075		78-79/	1	Boot - Pull Rod - Replaces CO-7075
3		V22628		78-79/	1	Brake Line - Steel Upper - Replaces TR-22628
4		V29803	3975610	78-79/	3	Nut - Lock - Hex Serrated - 3/8" 16 NC - Replaces 29803P
5		V29802	1860122	78-79/	2	Screw - Machine 3/8" x 1-1/4" 16 NC - Replaces 29802P
6		V30198		78-79/	1	Screw - Machine 1/4" x 1-1/4" 20 NC - Replaces 30198P
7		V12122		78-79/	1	Pin - Cotter 3/16" x 1-1/2"
8		V25797		78-79/	1	Pedal - Foot Brake - Replaces TR-25797
9		V29822	3975612	78-79/	1	Bolt - Pull Rod - Attaching
10		V29940	3975619	78-79/	3	Nut - Lock - Hex Serrated - 1/4" - 20 NC - Replaces 29940P
11		V29990	3975620	78-79/	2	Screw - Machine - 5/16" x 3/4" - 18 NC - Replaces 29990P
12		V14193		78-79/	1	Washer - Flat - 1-1/16" ID x 1-1/2" OD 16 GA
13		V18876		78-79/	1	Brake Line - Flexible
14		V15810		78-79/	1	Grommet - Rubber RB 225
15		V260511V1		78-79/	1	Clip
16		V361510V1		78-79/	1	Push Rod - Master Cylinder
17		V30249	1860273	78-79/	1	Screw - Machine - 1/4" x 20 NC - Replaces 30249P
18		V15643		78-79/	1	Bracket - Spring - Pedal - Replaces TR-15643
19		V291219V1		78-79/	1	Tube - Union - 1/4" - 42F
20		V22629		78-79/	1	Brake Line - Lower - Replaces TR-22629
21		V16421		78-79/	1	Plate - Cover - Replaces TR-16421
22		V19653		78-79/	1	Coupling - 1/4" x 1/8" 664F
23		V15741	1859740	78-79/	1	Clamp - Cable
24		V30081	3975625	78-79/	7	Screw - Machine - 1/4" x 1/2" - 20 NC - Replaces 30081P
25		V29743		78-79/	1	Cover - Replaces TR-29743
26		V26949		78-79/	1	Cover - Brake Mounting Bracket - Replaces TR-26949
		V20441		78-79/	1	Master Brake Cylinder Assembly Includes: 27-44
27		V26134	1859742	78-79/	1	Body & Tube Seat Assembly Includes: 28 & 29
28				78-79/	1	Body
29				78-79/	1	Tube - Seat
30				79/	1	Piston & Return Spring - Complete Assembly Includes: 31-36
31		V26135		78-79/	1	Piston & Return Spring Assembly - Replaces 26136
32				78-79/	1	Spring - Piston Return
33				78-79/	1	Retainer - Piston Return Spring
34		V26131		78-79/	1	Check Valve Cup Assembly Includes: 35 & 36
35				78-79/	1	Cup - Check Valve
36				78-79/	1	Retainer - Check Valve

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FIGURE 2A2 - HYDRAULIC BRAKE (EARLY MODEL) 78,79



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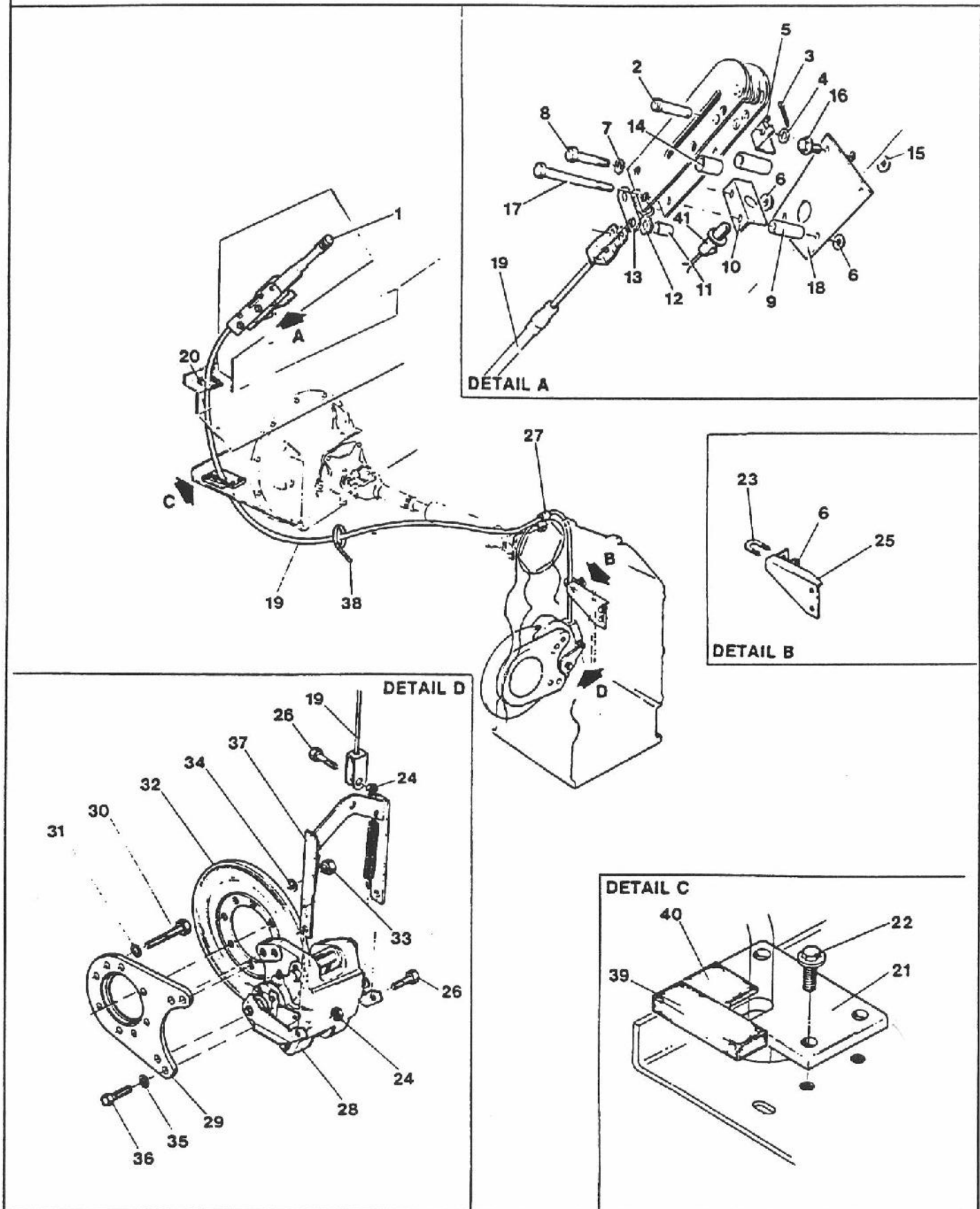
FIGURE 2A2 - HYDRAULIC BRAKE (EARLY MODEL) 78,79
 HYDRAULISCH BREMSE
 FREIN HYDRAULIQUE
 FRENO HYDRAULICO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
37		V21277	3977067	78-79/	1	Piston Assembly - Replaces 26130 Includes: 38-40
38				78-79/	1	Piston
39				78-79/	1	Cup - Secondary
40				78-79/	1	Protector - Primary Cup
41	NSS	V26132	1859745	78-79/	1	Cup - Primary
42		V26133	1859746	78-79/	1	Ring - Snap - Piston Stop
43				79/	1	Cap - Filler
43		V26137	1859747	78/	1	Cap - Filler
44				79/	1	Gasket - Diaphragm
44		V26138	1859748	78/	1	Gasket - Diaphragm
		V21277	3977067	78-79/	1	Kit - Master Brake Cylinder Repair Includes: 41
		V15435		78-79/	1	Hydraulic Brake Caliper Assembly Includes: 45-72 - Replaces TRA-15435
45		V19614		78-79/	1	Casting - Carrier Side
46		V19613		78-79/	2	Pad & Pad Holder
47		V15435		78-79/	1	Piston Side Assembly - Replaces 25774
48		V19618		78-79/	2	Retainer - Pin Pad
49		V19620		78-79/	2	Clip - Spring
50		V19617		78-79/	4	Washer - Flat
51		V19619		78-79/	4	Screw - Ferry Head
52		V17498	1862116	78-79/	1	Elbow - 90° Street
53				78-79/	AR	Bracket - Refer Park Brake Assembly This Section
54		V19612		78-79/	1	Boot - Rubber Dust
55		V19611		78-79/	1	Piston
56		V19610		78-79/	1	Retractor - Pin & Sleeve
57		V19609		78-79/	1	Spring
58		V19608		78-79/	1	Washer - Special
59		V361101V1		78-79/	1	Ring - Snap Internal - Replaces 19607
60		V25773		78-79/	1	Ring - Back up
61		V19606		78-79/	1	O-Ring
62		V19615		78-79/	1	O-Ring
63		V19598		78-79/	1	Collet
64		V19601		78-79/	1	Washer - Flat
65		V19597		78-79/	1	Nut - Torque Adjusting
66		V19621		78-79/	1	Gasket - Cover
67		V19595		78-79/	1	Retractor - Cover
68		V19616		78-79/	3	Fitting - Bleeder
69		V19605		78-79/	2	Stud - Bolt Mounting
70		V19603		78-79/	2	Washer - Flat
71		V19602		78-79/	2	Nut - Flange - 1/2"
72		V19596		78-79/	2	Screw - Thread Forming - #10 - 24 x 1/2"
		V25772		78-79/	1	Piston Assembly Includes: 55-59

AR - As Required
 NSS - Not Serviced Separately

835 TRACTOR

FIGURE 2B1 - PARK BRAKE 79-84



835 TRACTOR

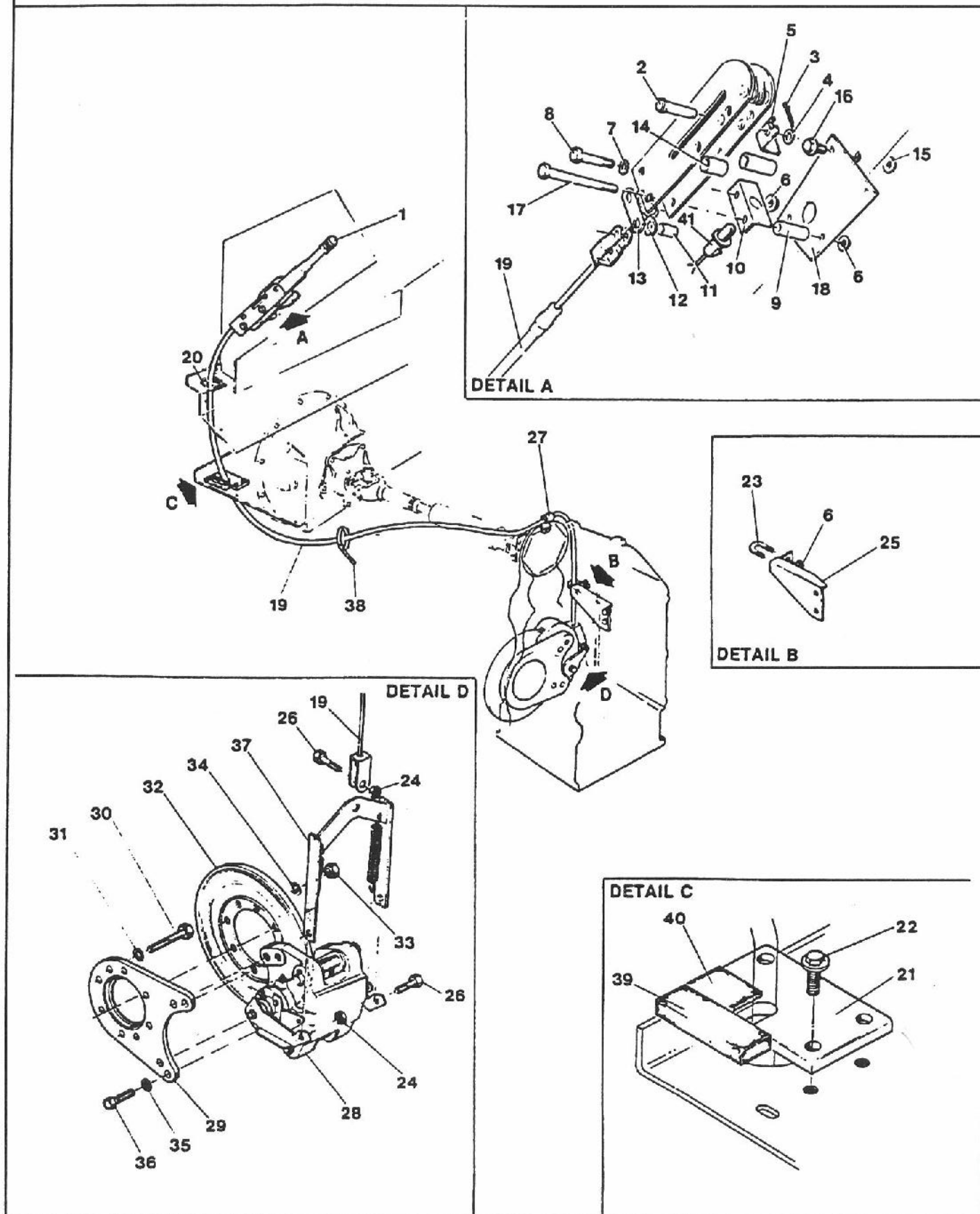
FIGURE 2B1 - PARK BRAKE 79-84
FESTSTELL-BREMSE
FREIN DE SECOURS
FRENO DE ESTACIONAMIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V51289		79-84/	1	Brake Lever Assembly Includes: 2-4
2		V33910		79-84/	1	Pin - Brake Lever
3		V12372	3975940	79-84/	1	Pin - Cotter - 1/16" Dia. x 3/4"
4		V12036		79-84/	1	Washer - Plain 13/32" ID x 13/16" OD x 15 GA
5		V51286		79-84/	1	Switch - Activator
6		V29991	3975622	79-84/	7	Nut - Flange - Hex Serrated - 5/16" x 18 UNC - Replaces 29991P
7		V20187		79-84/	1	Washer - Lock - External Tooth - 5/16" ID - Replaces 20187P
8		V12093	3975921	79-84/	1	Screw - Cap - Hex - G5 - 5/16" - 18 UNC x 1-3/4" - Replaces 12093P
9		V15743	1859808	79-84/	2	Spacer
10		V51285		79-84/	1	Bracket - Switch Mounting
11		V51287	1859809	79-84/	2	Spacer - Cable Clamp
12		V51291	1859810	79-84/	1	Clamp - Cable
13		V51292	1859811	79-84/	1	Spacer - Link
14		V51288	1859812	79-84/	1	Spacer
15		V29803	3975610	79-84/	2	Nut - Flange - Hex Serrated - 3/8" - 16 UNC - Replaces 29803P
16		V29892	3975613	79-84/	2	Screw - Flange - Hex - 3/8" - 16 UNC x 3/4" - Replaces 29892P
17		V12646	3975952	79-84/	2	Screw - Cap - Hex - 5/16" - 16 UNC x 3-1/2" - Replaces 12646P
18		V52097		79-84/	1	Plate - Brake Lever
19		V53135		79-84/	1	Cable - Parkbrake
20		V30326		79-84/	1	Insulation
21		V30325		79-84/	1	Plate - Cover
22		V29990	3975620	79-84/	3	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
23		V84265	1859813	79-84/	1	U-Bolt - 5/16" - 18 UNC x 1-1/4" - Replaces 19272
23		V19272		79-83/	1	U-Bolt - 5/16" - 18 UNC
24		V14062		78-84/	3	Nut - Lock - 3/16" - 18 UNC - Replaces 14062P
25		V53127	1859819	78-84/	1	Bracket - Brake Cable Support
26		V12099	1860781	78-84/	3	Screw - Cap - Hex 5/16" - 18 UNC x 1 - Replaces 12099P
27		V53390		78-84/	1	Clamp - Brake Cable Hydraulic
28				78-84/	AR	Caliper Assembly - See Brake Caliper Assembly This Section
29		V53129		78-84/	1	Plate - Brake Mount
30		V12006	1860631		8	Screw - Cap - Grade 5 - 1/2"-13 UNC x 3-1/2"

AR - AS Required

835 TRACTOR

FIGURE 2B1 - PARK BRAKE 79-84



835 TRACTOR

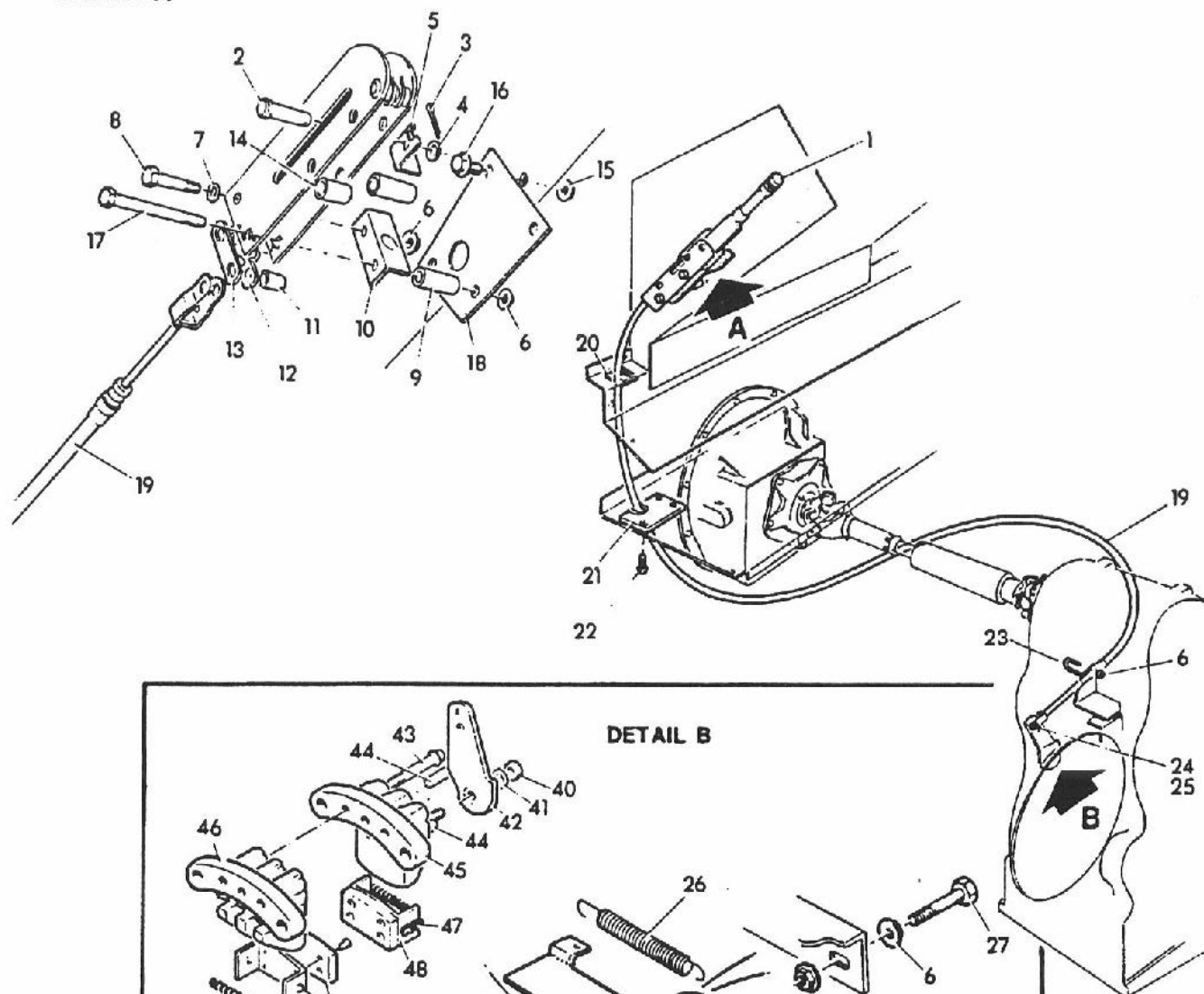
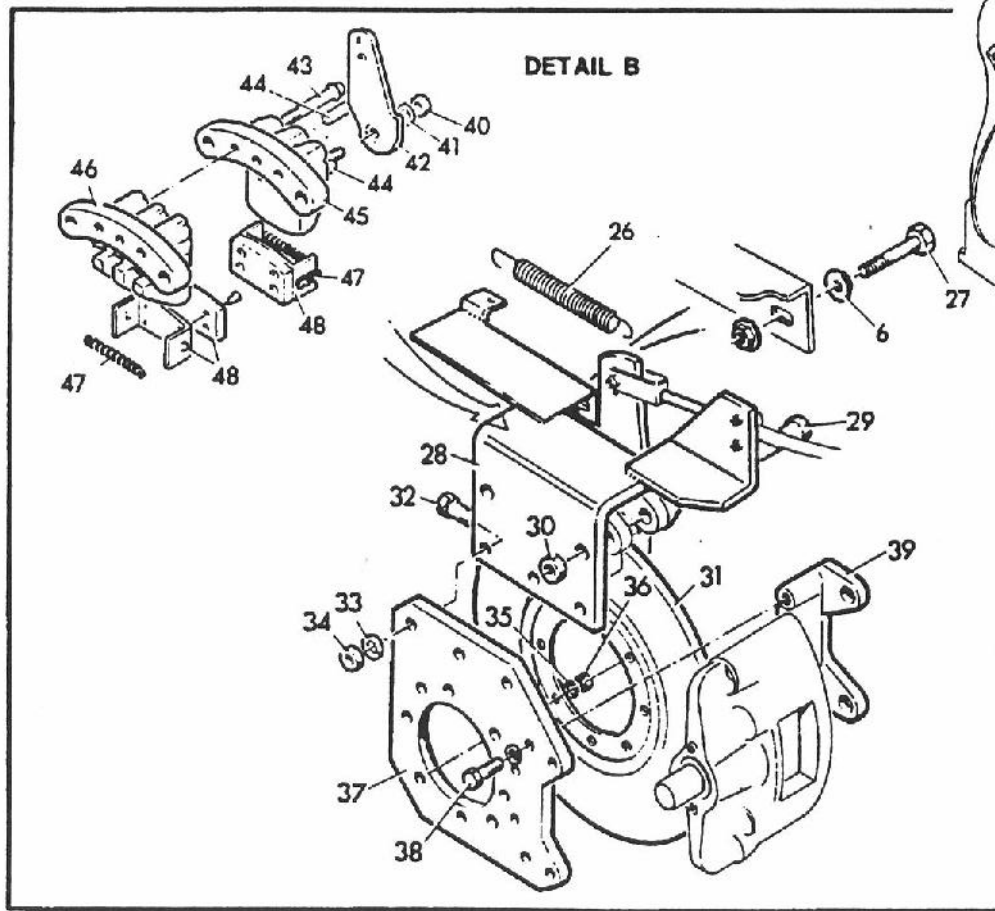
FIGURE 2B1 - PARK BRAKE 79-84
 FESTSTELL-BREMSE
 FREIN DE SECOURS
 FRENO DE ESTACIONAMIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
31		V12007	3975906	78-84/	8	Washer - Lock - Helical Spring - 1/2" ID
32		V52998		78-84/	1	Disc - Rotor Brake
33		V12035	1859756	78-84/	8	Nut - Hex - 3/8" - 24 UNF
34		V12011	3975908	78-84/	8	Washer - Lock - Helical Spring - 3/8" ID
35		V12110		78-84/	4	Washer - Lock - Helical Spring - 5/8" ID
36		V12638		78-84/	4	Screw - Cap - Hex - G5 - 5/8" - 11 UNC x 1-3/4"
37		V53132	1859821	78-84/	1	Bracket - Brake Link
38		V2747	3975860	78-84/	2	Strap - Tie
39	(1)	V75613		83-84/	1	Insulation - Baffle
40	(1)	V75612		83-84/	1	Insulation - Baffle
41	(1)	V23755	3975592	83-84/	1	Switch - Parking Brake

(1) - ASN 83036768

835 TRACTOR

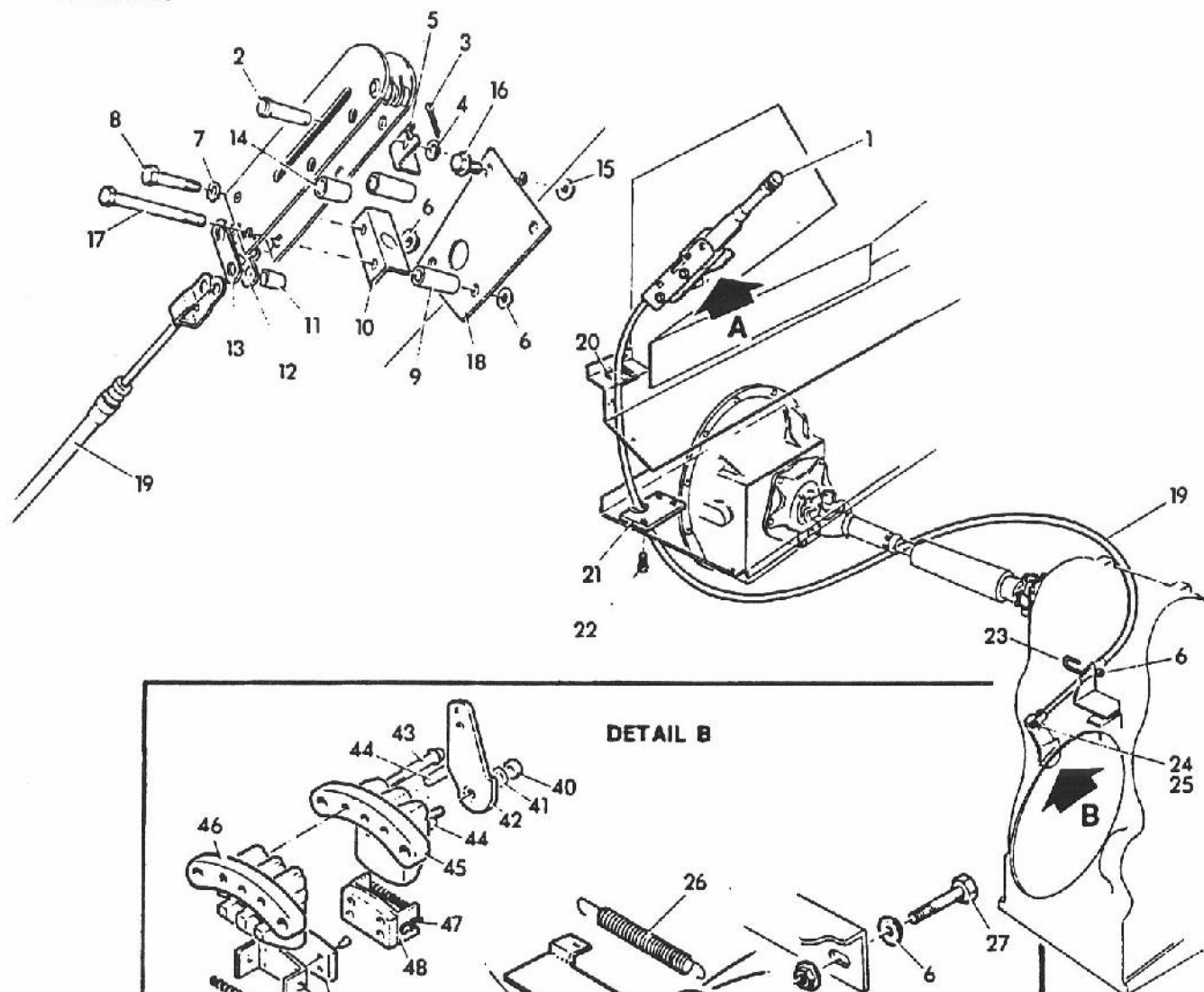
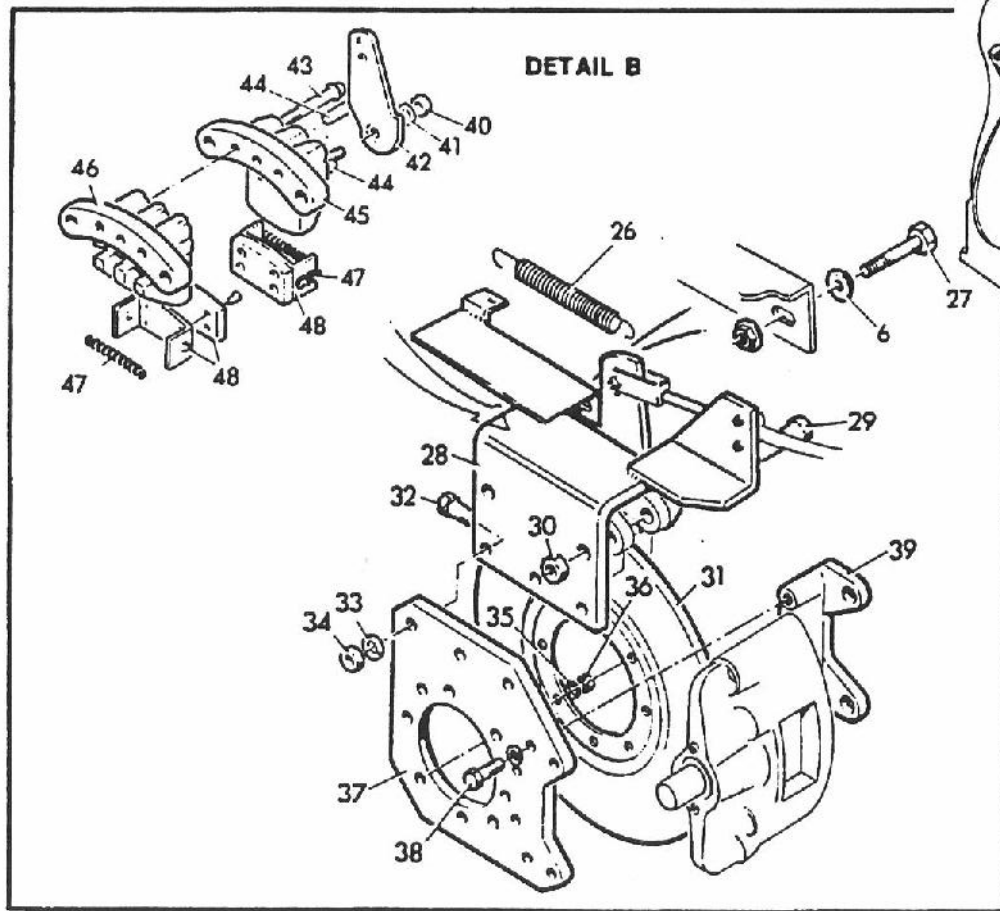
FIGURE 2B2 - PARK BRAKE (EARLY MODEL) 78,79

DETAIL A**DETAIL B**

835 TRACTOR

FIGURE 2B2 - PARK BRAKE (EARLY MODEL) 78,79
FESTSTELL-BREMSE
FREIN DE SECOURS
FRENO DE ESTACIONAMIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V51289		78-79/	1	Brake Lever Assembly Includes: 2-4
2		V33910		78-79/	1	Pin - Brake Lever
3		V12372	3975940	78-79/	1	Pin - Cotter
4		V12036		78-79/	1	Washer - Flat
5		V51286		78-79/	1	Switch - Activator - Replaces TR-51286
6		V29991	3975622	78-79/	7	Nut - Hex Serrated - 5/16" - 18 NC
7		V20187		78-79/	1	Washer - External Tooth 5/16"
8		V12093	3975921	78-79/	1	Screw - Cap - Hex - 5/16" NC x 1.75
9		V15743	1859808	78-79/	2	Spacer
10		V51285		78-79/	1	Bracket - Switch Mounting - Replaces TR-51285
11		V51287	1859809	78-79/	2	Spacer
12		V51291	1859810	78-79/	1	Clamp - Cable
13		V51292	1859811	78-79/	1	Spacer - Link
14		V51288	1859812	78-79/	1	Spacer
15		V29803	3975610	78-79/	2	Nut - Hex Serrated - 3/8" - 16 NC
16		V29892	3975613	78-79/	2	Screw - Hex - 3/8" - 16 NC x .75 Lg
17		V12646	3975952	78-79/	2	Screw - Cap - Hex - 5/16" - 16 NC x 3.5 Lg
18		V52097		78-79/	1	Plate - Replaces TR-52097
19		V52673		78-79/	1	Cable
20		V30326		78-79/	1	Insulation
21		V30325		78-79/	1	Plate - Cover - Replaces TR-30325
22		V29990	3975620	78-79/	3	Screw - Hex Serrated 5/16" - 16 NC x .75 Lg
23		V84265	1859813	78-79/	1	U-Bolt - 5/16" - 18 UNC - Replaces 19272
24		V14062		78-79/	1	Nut - Self Locking - 3/16" - 18 UNC
25		V12099	1860781	78-79/	1	Screw - Cap - Hex 5/16" NC x ID
26		V52675		78-79/	1	Spring - Brake Caliper
27		V12099	1860781	78-79/	1	Screw - Cap - Hex 5/16" NC x 1.0 Lg
28		V52655		78-79/	1	Bracket - Replaces TRA-52655
29		V18948		78-79/	2	Bolt - Hex - 5/8" - 11 NC x 4-3/4"
30		V19670		78-79/	2	Nut - Self Locking - 5/8" - 11 NC
31		V15428		78-79/	1	Rotor - Disc Brake - Replaces TR-15428
32		V12008	1859824	78-79/	3	Bolt - Hex - 1/2" - 13 NC x 1-1/2" Lg
33		V12007	3975906	78-79/	3	Washer - Lock - 1/2"
34		V12075		78-79/	3	Nut - Hex - 1/2" - 13 NC
35		V12011	3975908	78-79/	12	Washer - Lock - 3/8"

835 TRACTOR**FIGURE 2B2 - PARK BRAKE (EARLY MODEL) 78,79****DETAIL A****DETAIL B**

835 TRACTOR

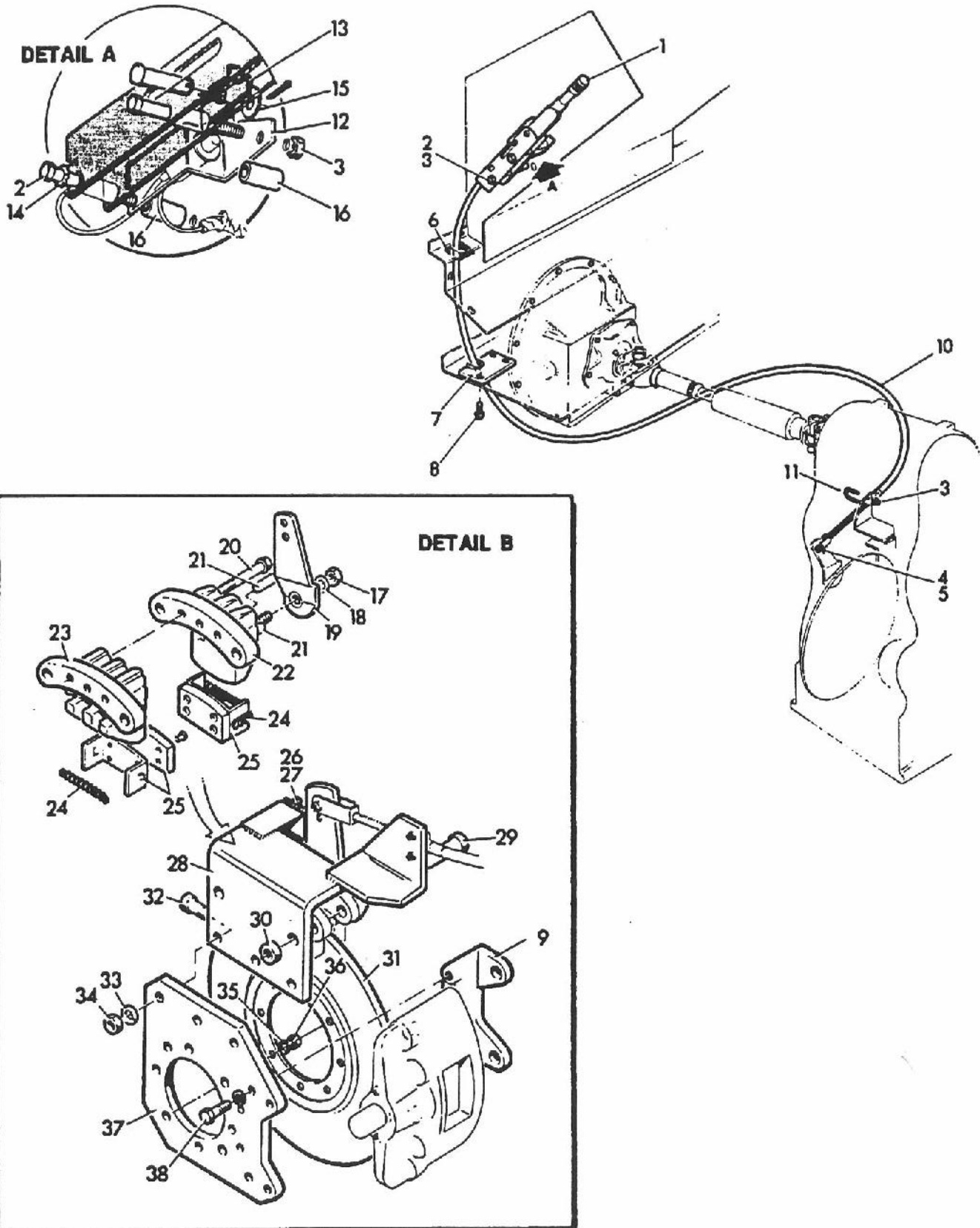
FIGURE 2B2 - PARK BRAKE (EARLY MODEL) 78,79
 FESTSTELL-BREMSE
 FREIN DE SECOURS
 FRENO DE ESTACIONAMIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
36		V12035	1859756	78-79/	8	Nut - Hex 3/8" - 24 NF
		V23253		78-79/	1	Bracket - Mounting Plate - Replaces TRA-23253 Includes: 37-39
37	NS	V21009		78-79/	1	Plate - Replaces TR-21009
38		V12057	3975914	78-79/	4	Bolt - Hex - 3/8" - 16 NC x 1-1/2"
39		V21010		78-79/	1	Bracket - Replaces TR-21010
		V13735		78-79/	1	Caliper - Brake - Replaces TRA-13735 Includes: 40-48
40		V19622		78-79/	1	Nut - Top Lock - 1/2" - 13
41		V19623		78-79/	1	Washer - Flat - 1/2"
42		V19625		78-79/	1	Lever - Cam
43		V19631		78-79/	3	Bolt - 3/8" - 16 NC x 3-1/2"
44		V19624		78-79/	2	Pin - Steel
45		V13735		78-79/	1	Cam - Side - Replaces 19627
46		V13735		78-79/	1	Casting - Carrier Side - Replaces 19630
47		V19629		78-79/	2	Spring - Tension
48		V107627		78-79/	2	Pad Holder Assembly

NS - Not Serviced

835 TRACTOR

FIGURE 2B3 - PARK BRAKE 78



835 TRACTOR

FIGURE 2B3 - PARK BRAKE 78
FESTSTELL-BREMSE
FREIN DE SECOURS
FRENO DE ESTACIONAMIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V402T139V11		78/	1	Brake Lever Assembly
2		V12222	1861371	78/	2	Bolt - 5/16" x 3-1/4" - 18 NC - Replaces 12222P
3		V29991	3975622	78/	4	Nut - Lock - Hex Serrated Flanged - Replaces 29991F
4		V12099	1860781	78/	1	Bolt - 5/16" x 1" - 18 NC - Replaces 12099P
5		V14062		78/	1	Nut - Self Locking - 5/16" - 18 NC - Replaces 14062P
6		V30326		78/	1	Insulation
7		V30325		78/	1	Plate - Cover - Replaces TR-30325
8		V29990	3975620	78/	3	Screw - Hex Serrated Washer - Replaces 29990P
9	NSS	V21010		78/	1	Bracket - Replaces TR-21010
10		V19651		78/	1	Cable - Parking Brake
11		V84265	1859813	78/	1	U-Bolt - 5/16" - 18 NC - Replaces 19272
12		V23751		78/	1	Bracket - Switch - Replaces TR-23751
13		V23752		78/	1	Activator - Switch - Replaces TR-23752
14		V20187		78/	1	Washer - External Tooth - 5/16" - Replaces 20187P
15		V26386		78/	1	Washer - Spring Tension
16		V15743	1859808	78/	2	Spacer
		V13735		78/	AR	Brake Caliper - Complete Assembly - Replaces TRA-13735 Includes: 17-25
17		19622		78/	1	Nut - Top Lock - 1/2" - 13
18		V19623		78/	1	Washer - Flat - 1/2"
19		V19625		78/	1	Lever - Cam
20		V19631		78/	3	Bolt - 12 Point - 3/8" x 3-1/2" - 16
21		V19624		78/	2	Pin - Push Steel
22		V13735		78/	1	Cam - Side Assembly - Replaces 19627 & 19630 Includes: 23
23	NS	V19630		78/	1	Casting - Carrier Side
24		V19629		78/	2	Spring - Tension
25		V107627		78/	2	Pad Holder Assembly - Replaces 19628
26		V12094	3975922	78/	1	Nut - Hex - 5/16" - 18 NC
27		V12099	1860781	78/	1	Bolt - Hex - 5/16" x 1" - 18 NC
28		V18555		78/	1	Bracket - Mechanical Caliper Mounting - Replaces TRA-18555
29		V18948		78/	2	Bolt - Hex - 5/8" x 4 - 3/4" 11 NC
30		V19670		78/	2	Nut - Self-Locking - 5/8" - 11 NC
31		V15428		78/	1	Rotor - Disc Brake - Replaces TR-15428
32		V12008	1859824	78/	3	Bolt - Hex - 1/2" x 1-1/2" - 13 NC
33		V12007	3975906	78/	3	Washer - Lock - 1/2"
34		V12075		78/	3	Nut - Hex - 1/2" - 13 NC
35		V12011	3975908	78/	12	Washer - Lock - 3/8"
36		V12035	1859756	78/	8	Nut - Hex - 3/8" - 24 NF
		V23253		78/	AR	Bracket Mounting Plate Assembly - Hydraulic Caliper - Includes: 37 & 38 - 9 & 4 of 35 - Replaces TRA-23253
37	NS	V21009		78/	1	Plate - Mounting
38		V12057	3975914	78/	4	Bolt - Hex - 3/8" x 1-1/2" 16 NC

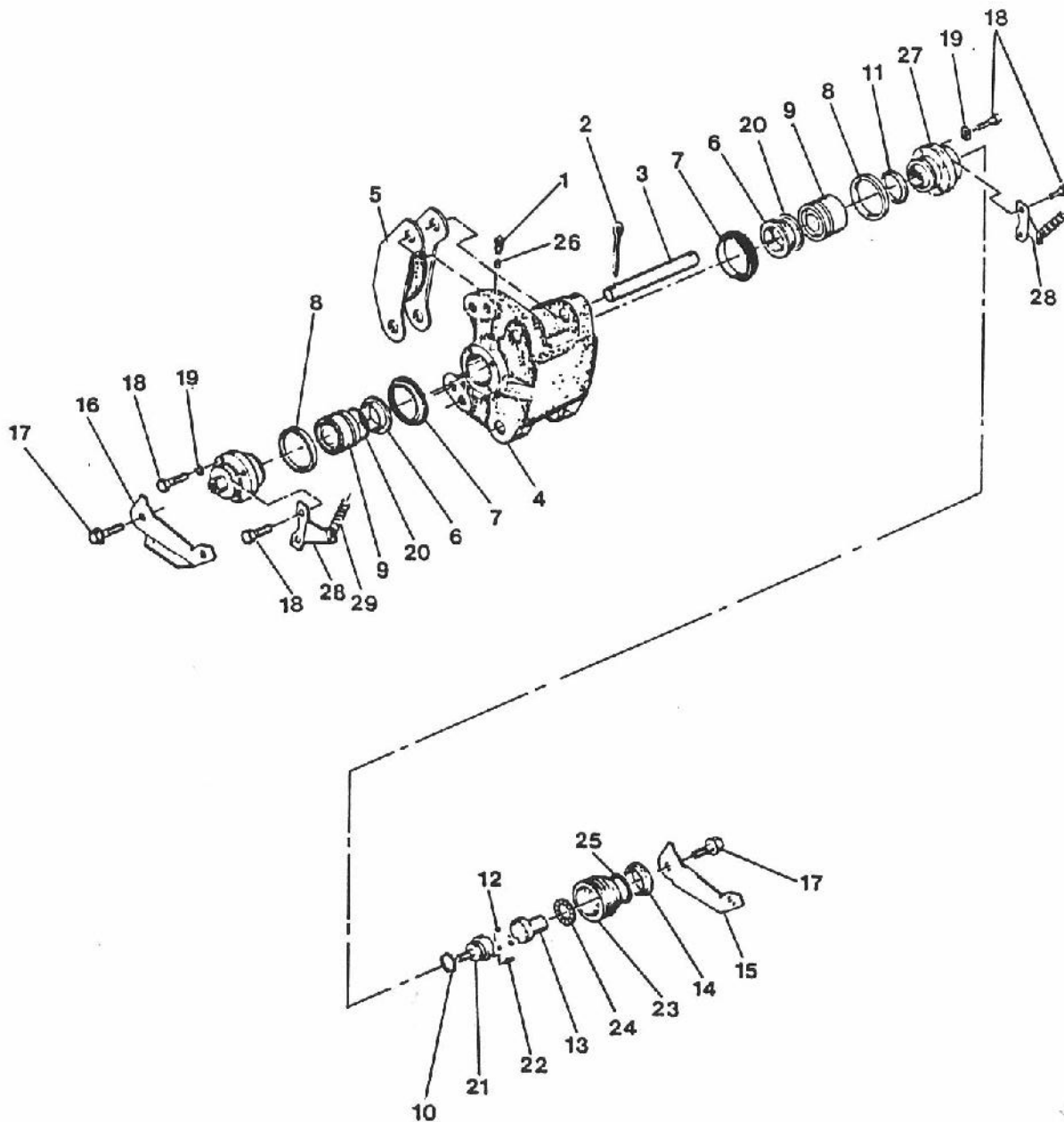
AR - As Required

NS - Not Serviced

NSS - Not Serviced Separately

835 TRACTOR

FIGURE 2C1 - HYDRAULIC BRAKE CALIPER



835 TRACTOR

FIGURE 2C1 - HYDRAULIC BRAKE CALIPER
HYDRAULISCHE BREMSE
FREIN HYDRAULIQUE
FRENO HIDRÁULICO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1	NS	V53125	1859773	79-84/	1	Hydraulic Brake Caliper Assembly Includes: 1-29
2		V53419	1859774	79-84/	3	Screw - Bleeder
3		V12815	1859775	79-84/	4	Pin - Cotter - 5/32" Dia. x 1-1/4"
4		V53060	1859776	79-84/	2	Pin - Pad
5		V53062	1859777	79-84/	1	Caliper - Machined
6		V53061	1859778	79-84/	2	Pad Holder Assembly Includes: 53901 Kit
7		V53420	1859779	79-84/	2	Piston - Extender
8		V48506	3976055	79-84/	2	Boot
9		V48504	3976053	79-84/	2	Seal - Piston
10		V48505	3976054	79-84/	2	Piston & Adjuster
11		V48491	3976043	79-84/	2	O-Ring - Thrust Screw
12		V50288	3976076	79-84/	2	O-Ring - End Cap
13		V48500	3976051	79-84/	6	Ball
14		V53055	1859786	79-84/	1	Shaft - Actuator - R.H.
15	NS	V48493	3976045	79-84/	1	Shaft - Actuator - L.H.
16		V48497	3976048	79-84/	2	Seal
17		V77118	1859789	84/	1	Lever - R.H.
18		V53054		79-83/	1	Lever - R.H.
19		V77119	1859790	84/	1	Lever - L.H.
20		V53053		79-83/	1	Lever - L.H.
21		V48496	3976047	79-84/	2	Screw - Flange - Hex Serrated
22		V12050	3975911	79-84/	8	Screw - Cap - Hex - 3/8" - 16 UNC x 1" - Replaces 12050P
23		V50291	3976077	79-84/	4	Washer - Lock - Helical Spring 3/8" ID
24		V53058	3976120	79-84/	2	Insulator
25		V53056	1859795	79-84/	1	Screw - Thrust - R.H.
26		V48492	3976044	79-84/	1	Screw - Thrust - L.H.
27		V48501	3976052	79-84/	2	Pin
28		V48498	3976049	79-84/	2	Retainer
29	NS	V48499	3976050	79-84/	2	Bearing - Thrust
		V48494	3976046	79-84/	2	O-Ring - Retainer
		V53052	1859801	79-84/	4	Insert - Tube Seat
		V69584	3975416	84/	2	Mount - Parking Brake
	NS	V53057		79-83/	1	Mount - Parking Brake
		V55178	1859803	79-84/	2	Clip - Spring - Parking Brake
		V55177	1859804	79-84/	2	Spring - Parking Brake
		V53901	1859506	79-84/	1	Kit - Pad Holder Assembly Includes: 2, 5 & 20
		V53902	1859807	79-84/	1	Kit - Seal Includes: 7, 8, 10, 11, 14 & 25

NS - Not Serviced

835 TRACTOR

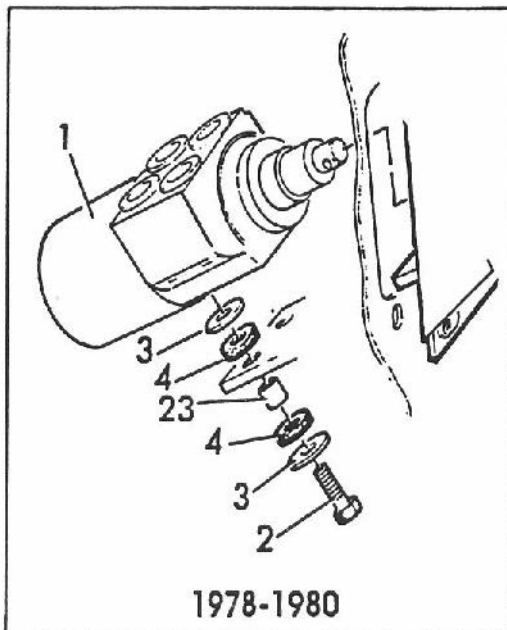
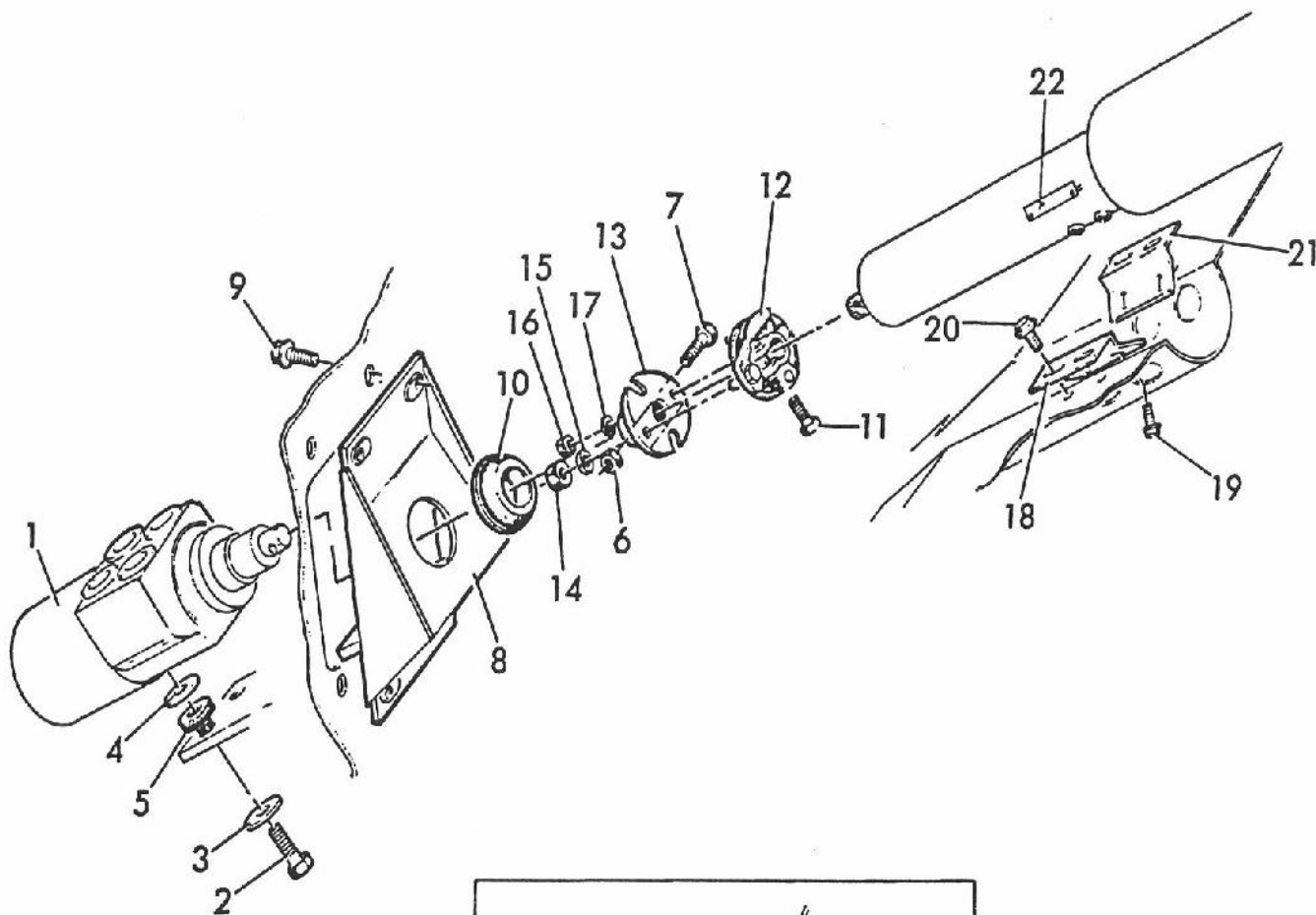
835 TRACTOR

SECTION 3 - STEERING
 SEKTION 3 - LENKUNG
 SECTION 3 - DIRECTION
 SECCION 3 - DIRECCIN

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
3A1	Steering Column Connection Lenksäule Verbindung Jonction Colonne de Direction Conexión Columna de Dirección	3-3	
3A2	Steering Column Assembly 81-84 Kompl. Lenksäule Ens. Colonne de Direction Ens. de Columna de Dirección	3-5,7	
3A3	Steering Wheel Assembly 81-84 Kompl. Lenkrad Ens. Volant de Direction Ens. de Volante de Dirección	3-9	
3A4	Steering Assembly 78-80 Kompl. Lenkung Ens. Direction Ens. de Dirección	3-11	
3B1	Steering Valve 80-84 Lenkventil Soupape de Direction Válvula de Dirección	3-13,15	
3B2	Steering Valve 78-79 Lenkventil Soupape de Direction Válvula de Dirección	3-17	
3C1	Steering Cylinders Lenkzylinder Cylindre de Direction Cilindro de Dirección	3-19	

835 TRACTOR

FIGURE 3A1 - STEERING COLUMN CONNECTION



835 TRACTOR

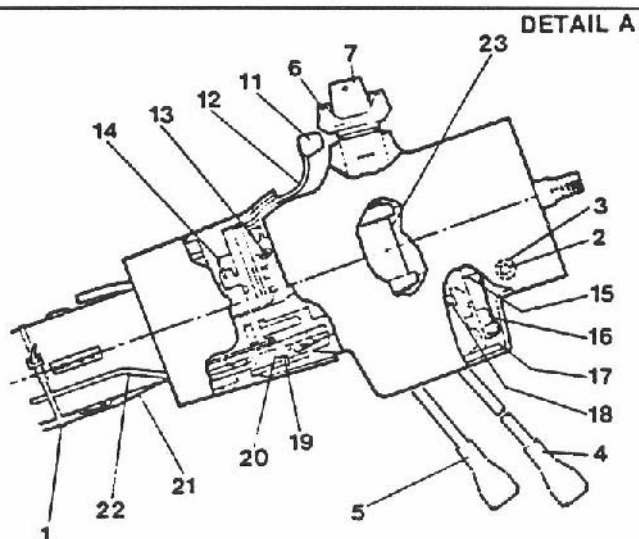
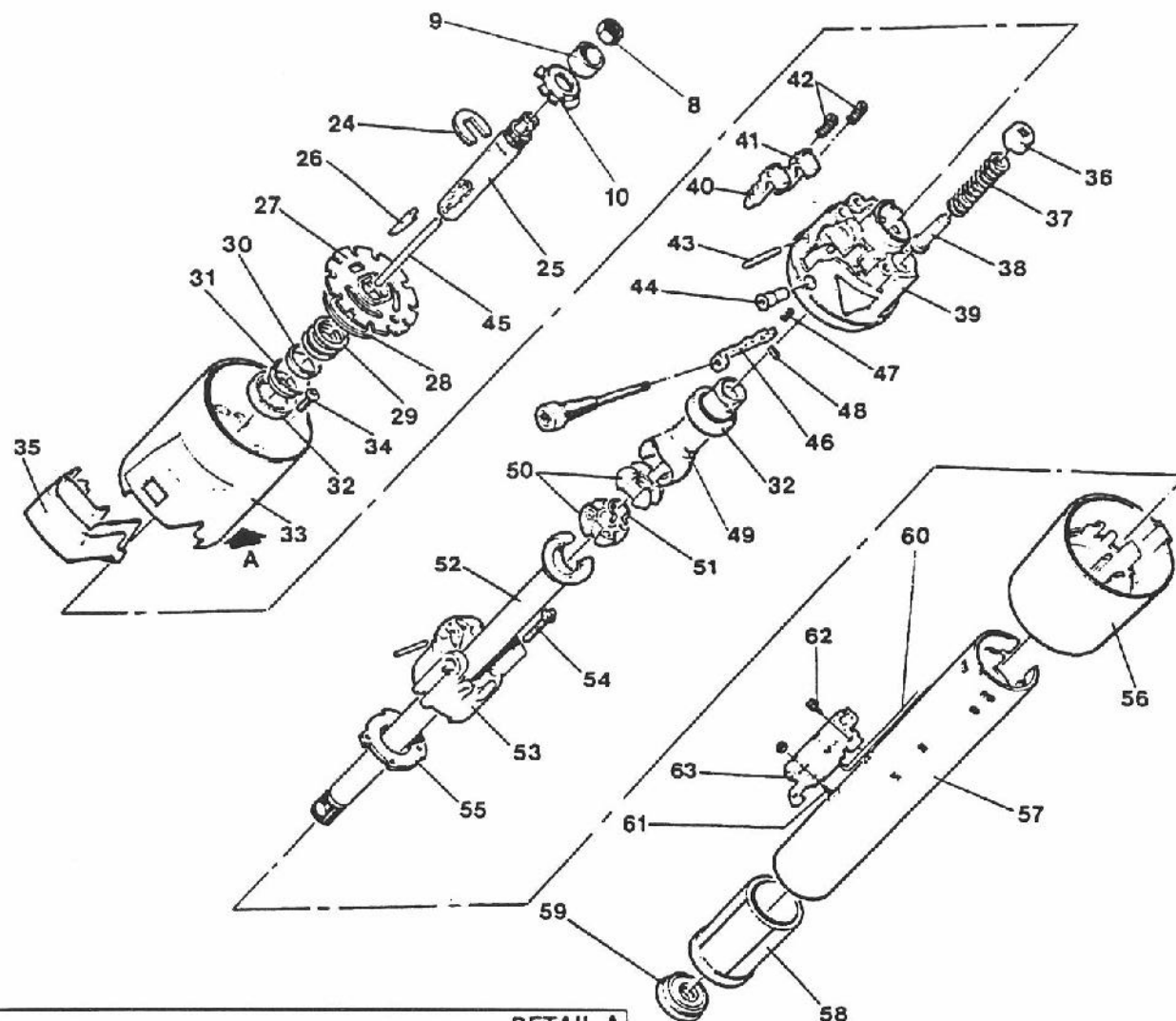
FIGURE 3A1 - STEERING COLUMN CONNECTION
LENKSÄULE VERBINDUNG
JONCTION COLONNE DE DIRECTION
CONEXIÓN COLUMNA DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1				78-84/	AR	Steering Valve Assembly - See Breakdown This Section
2		V14187		81-84/	2	Screw - Cap 3/8" - 16 UNC x 2" - Replaces 14187P
2		V12057	3975914	78-80/	2	Bolt - Hex 3/8" - 16 UNC x 1-1/2" - Replaces 12057P
3		V50621	3976084	81-84/	2	Washer - Plain 13/32" ID x 1-1/2" OD x 7 GA
3		V13200		78-80/	4	Washer - Replaces 13200P
4		V50622		78-84/	2	Washer - Plain 13/32" ID x 2" OD x 7 GA
5		V56194		81-84/	2	Bushing - Rubber
5		V15578	1860467	78-80/	4	Bushing - Rubber
6		V12131	3975929	80-84/	1	Nut - Lock Nylon Insert 3/8" - 16 UNC - Replaces 12131P
6		V12037	3975909	78-79/	1	Nut - Hex 3/8" - 16 UNC
7		V50527		80-84/	1	Screw - Flange - Hex Grade 8 - 3/8" - 16 UNC x 2" - Replaces 50468
7		V17275		78-79/	1	Bolt - Hex 3/8" - 16 UNC x 1-3/4"
8		V56202		78-84/	1	Bracket - Steering Valve Mounting
9		V29894		78-84/	4	Screw - Flange 3/8" - 16 UNC x 1" - Replaces 29894P
10		V49139		78-84/	1	Grommet
11		V49595	1859757	78-84/	1	Bolt - Special 3/8" - 24 UNF x 1-1/8"
12		V49052	1859759	78-84/	1	Coupling - Upper Steering
13		V58166		78-84/	1	Coupling - Lower Steering
14		V12035	1859756	78-84/	1	Nut - Hex 3/8" - 24 UNF - Replaces 12035P
15		V12011	3975908	78-84/	1	Washer - Lock Helical Spring 3/8" ID - Replaces 12011P
16		V12628	3975950	78-84/	1	Nut - Hex 5/16" - 24 UNF - Replaces 12628P
17		V12087	1861067	78-84/	1	Washer - Lock Helical Spring 5/16" ID - Replaces 12087P
18		V49174		78-84/	1	Bracket - L.H.
19		V51026	3976107	78-84/	4	Screw - Flange - Hex Serrated M8 - 1.25 x 12 mm
20		V29892	3975613	78-84/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
21		V49172		78-84/	1	Bracket - R.H.
22		V52043		78-84/	1	Stop - Steering Lock
23		V18407	1860468	78-80/	2	Spacer

AR - As Required

835 TRACTOR

FIGURE 3A2 - STEERING COLUMN ASSEMBLY 81-84



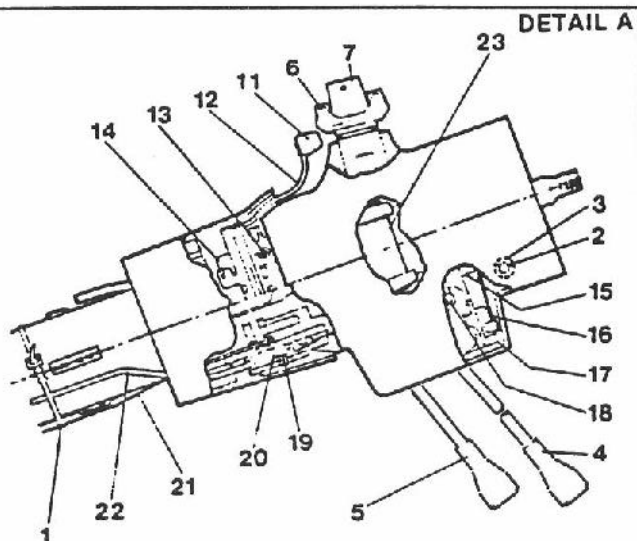
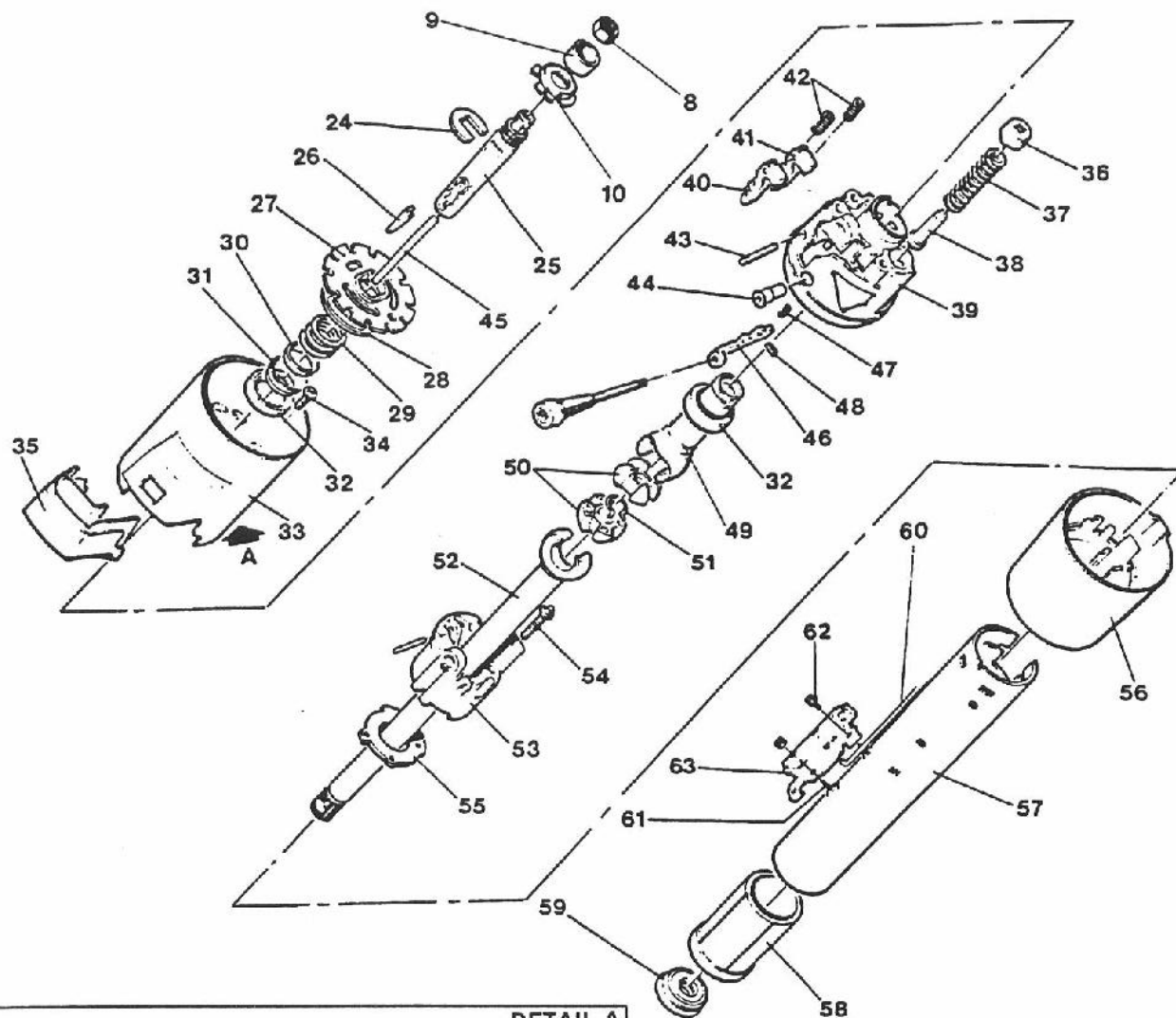
835 TRACTOR

FIGURE 3A2 - STEERING COLUMN ASSEMBLY 81-84
 KOMPL. LENKSÄULE
 ENS. COLONNE DE DIRECTION
 ENS. DE COLUMNA DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V58267		81-84/	1	Steering Column Assembly Includes: 1-63
1		V2747	3975860	81-84/	1	Strap - Tie
2		V50773	1859847	81-84/	1	Screw - Pan Head Cross Recess #6 - 20 x 1/2"
3		V58325	1859848	81-84/	1	Washer - Plain 3/16" ID x 3/4" OD x 1/32"
4		V58331		81-84/	1	Lever - Turn Signal
5		V58330		81-84/	1	Lever - Tilt
6		V58271	1859650	81-84/	1	Lock - Ignition
7		V58328	1859851	81-84/	2	Key - Ignition
		V58171	1859866	81-84/	1	Steering Column Assembly Includes: 8-63
8		V50234	1859843	81-84/	1	Nut - Jam Hex M14 - 1-1/2"
9		V52370	1859844	81-84/	1	Shaft - Bumper
10		V52362	1859845	81-84/	1	Retainer - Carrier Snap Ring
11		V52369	1859855	81-84/	1	Pad - Finger Release Lever
12		V52366	1859854	81-84/	1	Lever - Key Release
13		V50230	1859853	81-84/	2	Screw - Oval Head Cross Recess
14		V52356	1859852	81-84/	1	Spring - Key Release
15		V52372	1859856	81-84/	1	Switch Assembly - Turn Signal
16		V52405	1859857	81-84/	1	Arm Assembly - Signal
17		V52399	1859859	81-84/	1	Switch Assembly - Pivot
18		V52371	1859858	81-84/	1	Actuator - Dimmer Switch Rod
19		V52391	1859861	81-84/	1	Rack - Switch Actuator
20		V52385	1859862	81-84/	1	Spring - Rack Preload
21		V58266	1859864	81-84/	1	Rod - Dimmer Switch
22		V52386	1859863	81-84/	1	Spring - Lock Bolt
23		V52389	1859860	81-84/	1	Shaft - Drive
24		V52361	1859867	81-84/	1	Retainer - Shaft Lock
25		V52378	1859868	81-84/	1	Shaft - Upper Steering
26		V52375	1859869	81-84/	1	Wedge - Locking
27		V52365	1859870	81-84/	1	Lock - Steering Shaft
28		V52402	1859871	81-84/	1	Carrier Assembly
29		V52410	1859872	81-84/	1	Spring - Upper Bearing
30		V52358	1859873	81-84/	1	Seat - Inner Race
31		V52363	1859874	81-84/	1	Race - Inner
32		V52394	1859875	81-84/	2	Bearing
33		V52397	1859876	81-84/	1	Cover - Lock Housing Painted
34		V50229	1859877	81-84/	3	Screw - Binding Head Cross Recess
35		V52401	1859878	81-84/	1	Cap - Housing
36		V52360	1859879	81-84/	1	Retainer - Spring
37		V52409	1859880	81-84/	1	Spring - Wheel Tilt
38		V52368	1859881	81-84/	1	Guide - Spring
39		V52395	1859882	81-84/	1	Housing Assembly - Steering Column
40		V52387	1859883	81-84/	1	Shoe - Lock
41		V52388	1859884	81-84/	1	Shoe - Lock

835 TRACTOR

FIGURE 3A2 - STEERING COLUMN ASSEMBLY 81-84



835 TRACTOR

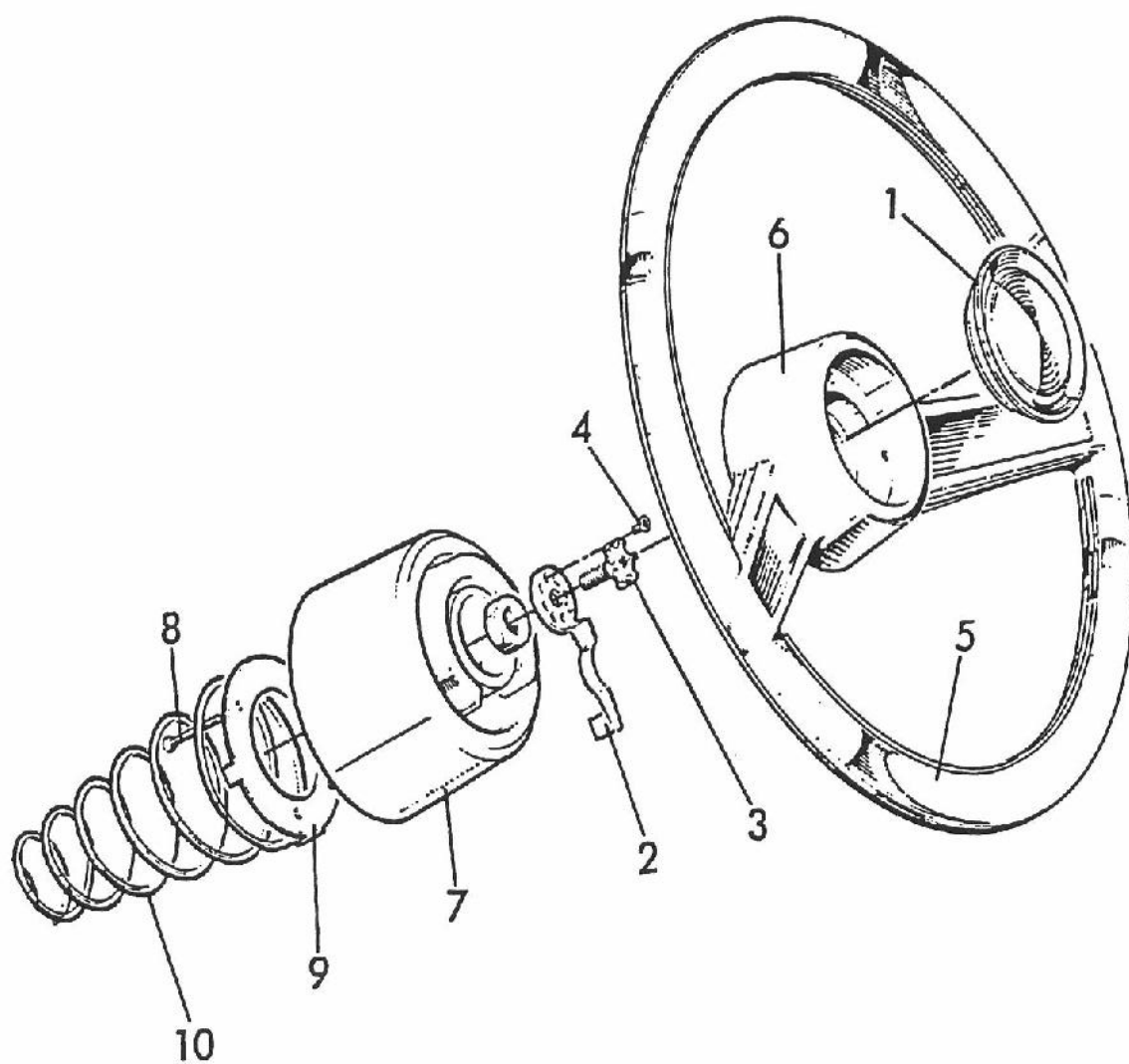
FIGURE 3A2 - STEERING COLUMN ASSEMBLY 81-84
 KOMPL. LENKSÄULE
 ENS. COLONNE DE DIRECTION
 ENS. DE COLUMNA DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
42		V52383	1859885	81-84/	2	Spring - Shoe
43		V50232	1859886	81-84/	1	Pin - Dowel
44		V52407	1859887	81-84/	2	Pin - Pivot
45		V52379	1859888	81-84/	1	Rod - Telescope Locking
46		V52393	1859889	81-84/	1	Lever - Shoe Release
47		V52384	1859890	81-84/	1	Spring - Release Lever
48		V52392	1859891	81-84/	1	Pin - Release Lever
49		V52380	1859892	81-84/	1	Yoke Assembly - Yoke & Steering Shaft
50		V52377	1859893	81-84/	2	Sphere - Centering
51		V52376	1859894	81-84/	1	Spring - Retainer
52		V52381	1859895	81-84/	1	Shaft Assembly
53		V52374	1859896	81-84/	1	Support Assembly
54		V52359	1859897	81-84/	4	Screw
55		V52364	1859898	81-84/	1	Lock - Plate
56		V52357	1859899	81-84/	1	Shroud
57		V52382	1859900	81-84/	1	Jacket Assembly
58		V52403	1859901	81-84/	1	Adaptor - Lower Bearing
59		V52404	1859902	81-84/	1	Bearing Assembly
60		V52406	1859903	81-84/	1	Actuator - Switch
61		V52408	1859904	81-84/	1	Stud - Dimmer & Ignition Switch Mounting
62		V50228	1859905	81-84/	1	Screw - Washer Head 24 UNC x 1/4"
63		V58265	1859906	81-84/	1	Switch Assembly - Ignition
		V52411	1859865	81-84/	AR	Repair Kit Steering Shaft Assembly Includes: 25 & 49-52

AR - As Required

835 TRACTOR

FIGURE 3A3 - STEERING WHEEL ASSEMBLY 81-84



835 TRACTOR

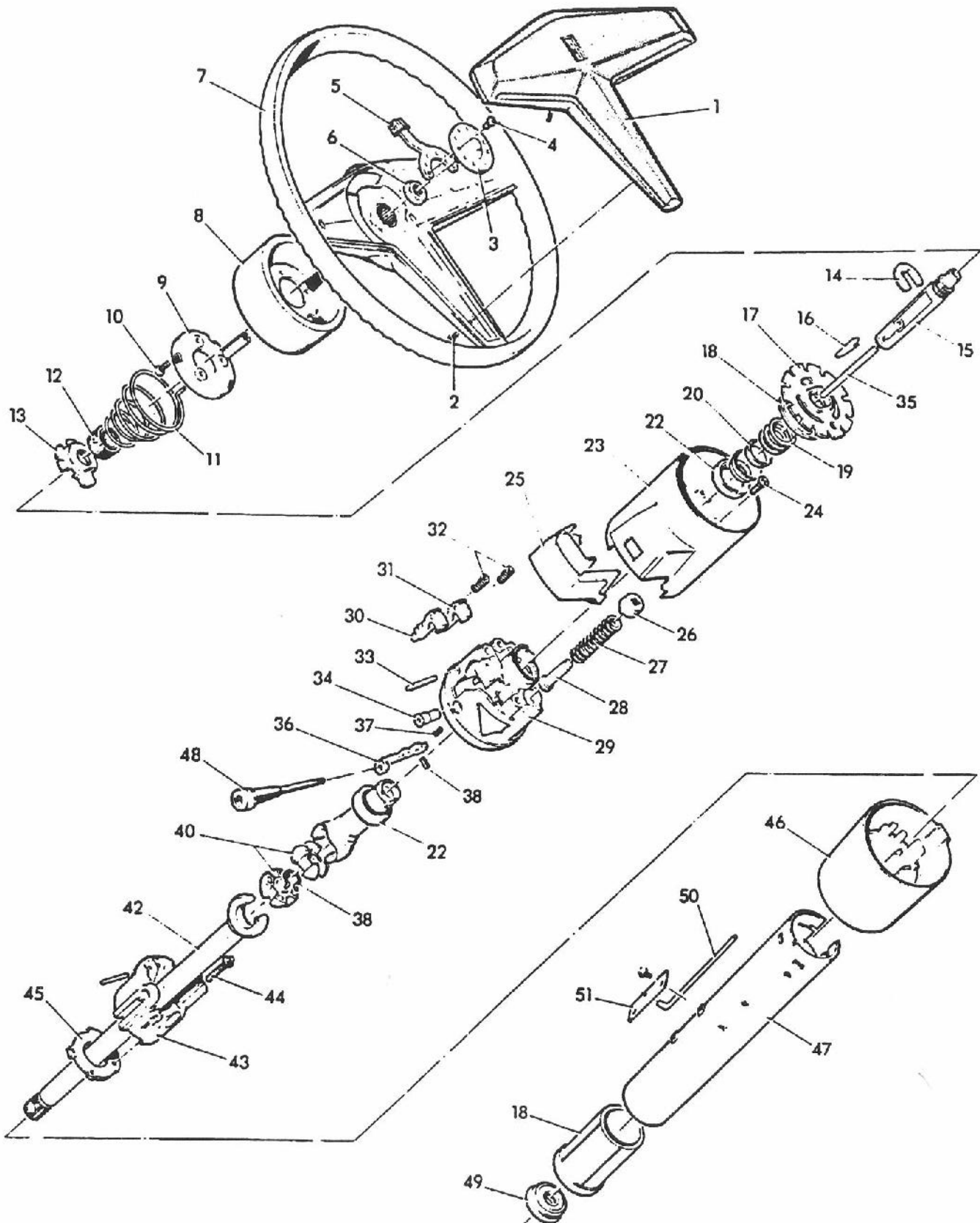
FIGURE 3A3 - STEERING WHEEL ASSEMBLY 81-84
 KOMPL. LENKRAD
 ENS. VOLANT DE DIRECTION
 ENS. DE VOLANTE DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V58172		81-84/	1	Steering Wheel Assembly Includes: 2-10
1		V60379		81-84/	1	Cap - Steering Wheel
2		V58173	1859840	81-84/	1	Lever - Telescopic
3		V60368	1859841	81-84/	1	Screw - Locking
4		V50849	1859842	81-84/	2	Screw - Flat Head Slotted 10 - 32 UNF x 1/4"
	NSS	V58174	1859833	81-84/	1	Steering Wheel Assembly Includes: 5-10
5	NSS	V58200	1859834	81-84/	1	Wheel - Steering
6	NSS	V58201	1859835	81-84/	1	Cover - Upper Hub
7		V58202	1859836	81-84/	1	Cover - Lower Hub
8		V50826	1859837	81-84/	2	Screw - 1/4" - 28 UNF x 1-1/4"
9		V58204	1859838	81-84/	1	Retainer - Spring
10		V58203	1859839	81-84/	1	Spring - Telescopic

NSS -Not Serviced Separately

835 TRACTOR

FIGURE 3A4 - STEERING ASSEMBLY 78-80



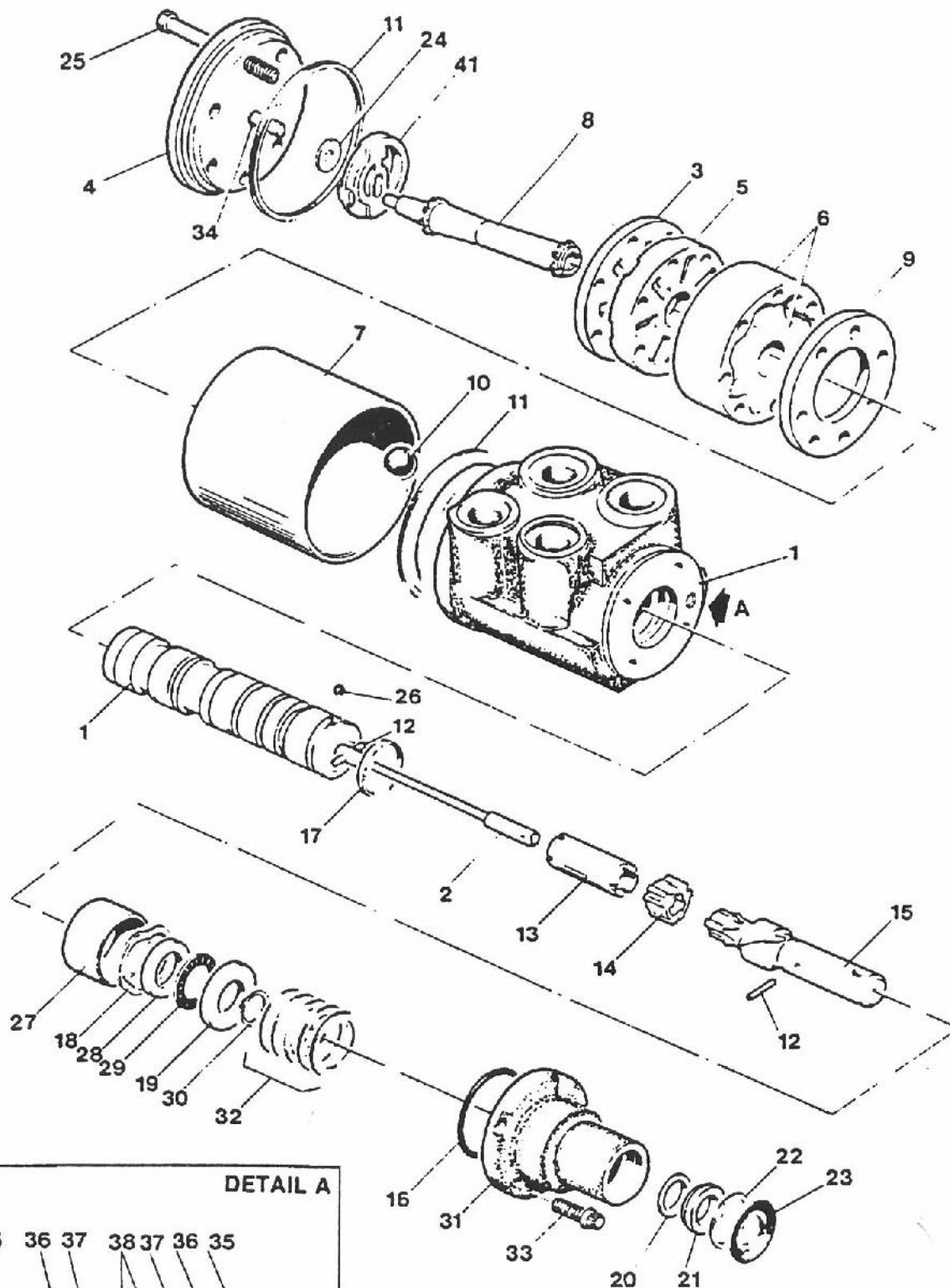
835 TRACTOR

FIGURE 3A4 - STEERING ASSEMBLY 78-80
KOMPL. LENKUNG
ENS. DIRECTION
ENS. DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58171		78-80/	1	Column Assembly - Steering - Replaces 49053
2		V49116		78-80/	1	Pad - Steering Wheel
3		V49115		78-80/	3	Screw
4		V49263		78-80/	1	Plate
5		V49112		78-80/	2	Screw
6		V49114		78-80/	1	Lever
7		V50234	1859843	78-80/	1	Nut - Hex Jam
8		V49117		78-80/	1	Wheel - Steering - Replaces 49159
		V49109		78-80/	1	Cover
9		V49110		78-80/	1	Support - Spring
10		V49108		78-80/	3	Screw
11		V49111		78-80/	1	Spring
12		V52370	1859844	78-80/	1	Shaft - Bumper
13		V52362	1859845	78-80/	1	Retainer - Carrier
14		V52361	1859867	78-80/	1	Retainer - Shaft Lock
15		V52378	1859868	78-80/	1	Shaft - Upper Steering
16		V52375	1859869	78-80/	1	Wedge - Locking
17		V52365	1859870	78-80/	1	Lock - Steering Shaft
18		V52402	1859871	78-80/	1	Carrier Assembly
19		V52410	1859872	78-80/	1	Spring - Upper Bearing
20		V52358	1859873	78-80/	1	Seat - Inner Race
21		V52363	1859874	78-80/	1	Race - Inner
22		V52394	1859875	78-80/	2	Bearing
23		V52397	1859876	78-80/	1	Cover - Housing
24		V50229	1859877	78-80/	3	Screw - Binding
25		V52401	1859878	78-80/	1	Cap - Housing
26		V52360	1859879	78-80/	1	Retainer - Spring
27		V52409	1859880	78-80/	1	Spring - Wheel Tilt
28		V52368	1859881	78-80/	1	Guide - Spring
29		V52395	1859882	78-80/	1	Housing
30		V52387	1859883	78-80/	1	Shoe - Lock
31		V52388	1859884	78-80/	1	Shoe - Lock
32		V52383	1859885	78-80/	2	Spring - Shoe
33		V50232	1859886	78-80/	1	Pin - Dowel
34		V52407	1859887	78-80/	2	Pin - Pivot
35		V52379	1859888	78-80/	1	Rod - Telescope Locking
36		V52393	1859889	78-80/	1	Lever - Shoe Release
37		V52384	1859890	78-80/	1	Spring - Release
38		V52392	1859891	78-80/	1	Pin
39		V52380	1859892	78-80/	1	Yoke Assembly
40		V52377	1859893	78-80/	2	Sphere - Centering
41		V52376	1859894	78-80/	1	Spring
42		V52381	1859895	78-80/	1	Shaft Assembly
43		V52374	1859896	78-80/	1	Support Assembly
44		V52359	1859897	78-80/	4	Screw
45		V52364	1859898	78-80/	1	Plate
46		V52357	1859899	78-80/	1	Shroud
47		V52382	1859900	78-80/	1	Jacket Assembly
48		V49113		78-80/	1	Lever
49		V52404	1859902	78-80/	1	Bearing Assembly
50		V52406	1859903	78-80/	1	Actuator - Switch
51		V52043		78-80/	1	Stop - Steering Lock - Replaces TR-52043

835 TRACTOR

FIGURE 3B1 - STEERING VALVE 80-84



835 TRACTOR

FIGURE 3B1 - STEERING VALVE 80-84
LENKVENTIL
SOUPAPE DE DIRECTION
VÁLVULA DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
	(1)	V72318		83-84/	1	Valve Assembly - Steering Includes: 1-34
1	(1)	V77197/NSS		83-84/	1	Housing Assembly
1	(2)	V57567/NSS		80-83/	1	Housing Assembly
2	(1)	V77195		83-84/	1	Torsion Bar Assembly Includes: 12
2	(2)	V48367		80-83/	1	Bar - Torsion Includes: 12
	(1)	V77197		83-84/	1	Commutator Assembly Includes: 3 & 41
3	(1)	V19054		83-84/	1	Commutator
	(1)	V19058		83-84/	1	End Cover Assembly - Replaces 19057 Includes: 4 & 34
4		V53711		80-84/	1	Cover - End
5		V19052		80-84/	1	Manifold
6		V19051		80-84/	1	Set - Rotor
7		V19056		80-84/	1	Protector - Sleeve
8		V19049		80-84/	1	Link - Drive
9		V19050		80-84/	1	Plate - Wear
10		V19048		80-84/	1	Ball - Steel 13/16" Dia
11		V19047		80-84/	2	Ring - Seal
12		V19021		80-84/	2	Roller - Needle
13		V19023		80-84/	1	Spacer - Drive Link
14		V53719		80-84/	1	Ring - Drive
15	(1)	V65037		83-84/	1	Shaft - Input
15	(2)	V19018		80-83/	1	Shaft - Input
16		V19039		80-84/	1	Ring - Seal
17		V19034		82-84/	1	Spring - Pre-load
17		V53720		81/	1	Spring - Pre-load
18		V19032		80-84/	1	Washer - Wave
19		V19031		80-84/	1	Washer - Thrust
20				80-84/	1	Seal
21				80-84/	1	Washer - Back-up
22		V19045		80-84/	1	Ring - Retaining
23	(1)			83-84/	1	Seal
23	(2)	V31283		80-83/	1	Seal
24		V19060		82-84/	1	Washer
24		V53717		81/	1	Washer
25		V19061		80-84/	7	Screw - Cap 3/8" - 24 UNC x 4-3/8"
26		V19033	3976004	80-84/	1	Ball - 5/16" Dia.
27		V19035		82-84/	1	Spacer
27		V53721		81/	1	Spacer
28		V19029		80-84/	1	Race - Bearing
29		V19030		80-84/	1	Bearing - Thrust
30		V19025		80-84/	1	Ring - Retaining
31	(1)	V19037		83-84/	1	Cover - Upper
31	(2)	V31297		80-83/	1	Cover - Upper

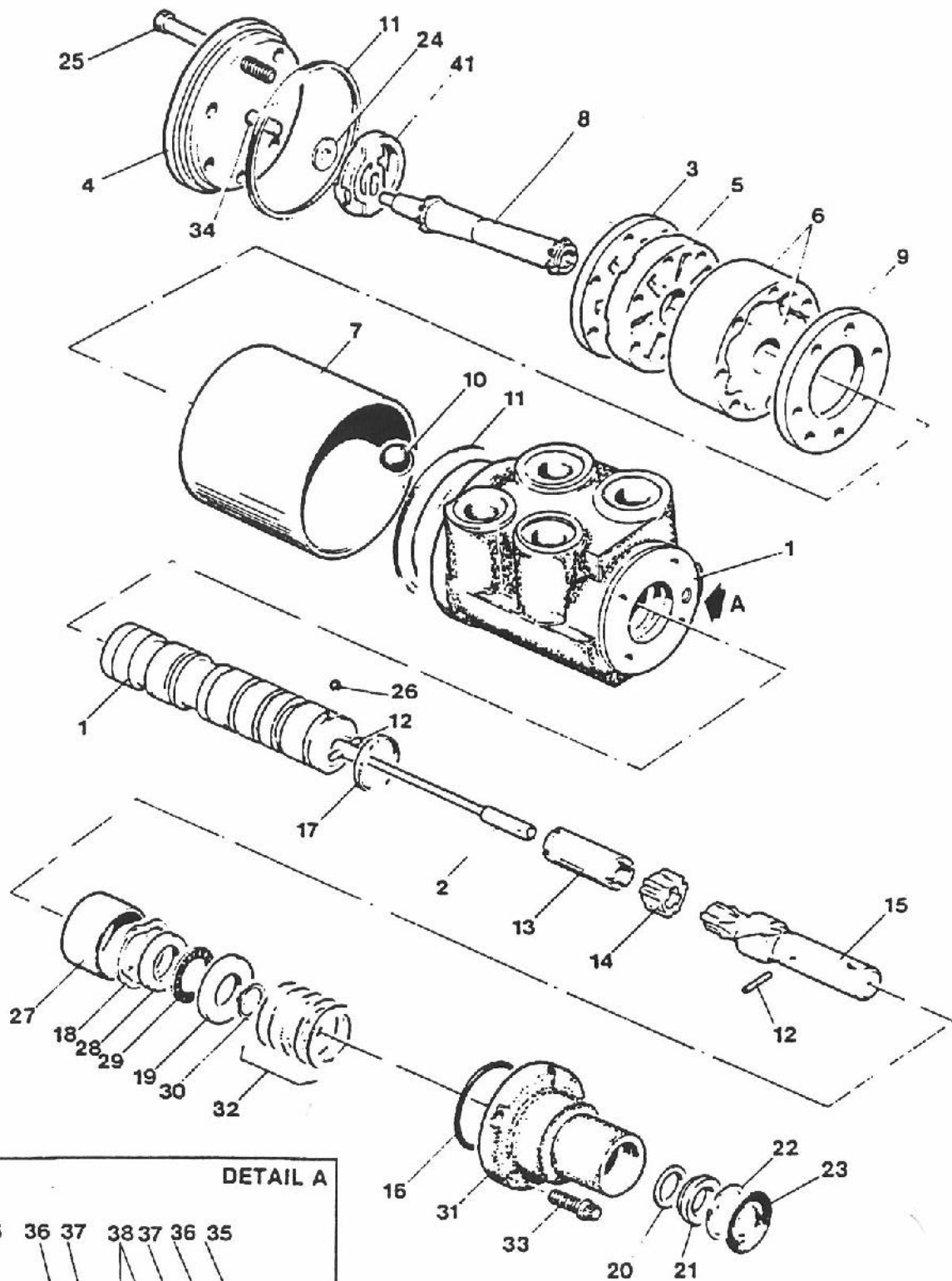
(1) - ASN 83036768

(2) - BSN 83036769

NSS -Not Serviced Separately

835 TRACTOR

FIGURE 3B1 - STEERING VALVE 80-84



835 TRACTOR

FIGURE 3B1 - STEERING VALVE 80-84
LENKVENTIL
SOUPAPE DE DIRECTION
VÁLVULA DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
32		V19024		80-84/	AR	Shim - .030
		V19026		80-84/	AR	Shim - .010
		V19027		80-84/	AR	Shim - .005
		V19028		80-84/	AR	Shim - .0025
33		V19040		80-84/	4	Screw - 5/16" x 18 UNC x 3/4"
34		V19059		80-84/	1	Roller - Needle
35		V53722		80-84/	2	Rod
36		V19014		80-84/	2	Roller
37		V53723		80-84/	2	Spring
38		V53724		80-84/	2	Rod
		V53714		80-84/	1	Plug Assembly Includes: 39 & 40
39	NSS	V53715		80-84/	1	Plug
40	NSS	V53716		80-84/	1	O-Ring
41	(1)	V19055		83-84/	1	Ring - Commutator
41	(2)	V19053		80-83/	1	Commutator Assembly
		V31282		80-84/	1	Kit - Seal Hydraguide Includes: 20, 21 & 23
	(2)	V53714		81-83/	1	Plug & O-Ring Assembly Includes: 39 & 40
	(2)	V56036		80-82/	1	Valve Assembly - Steering Includes: 1-34

(1) - ASN 83036768

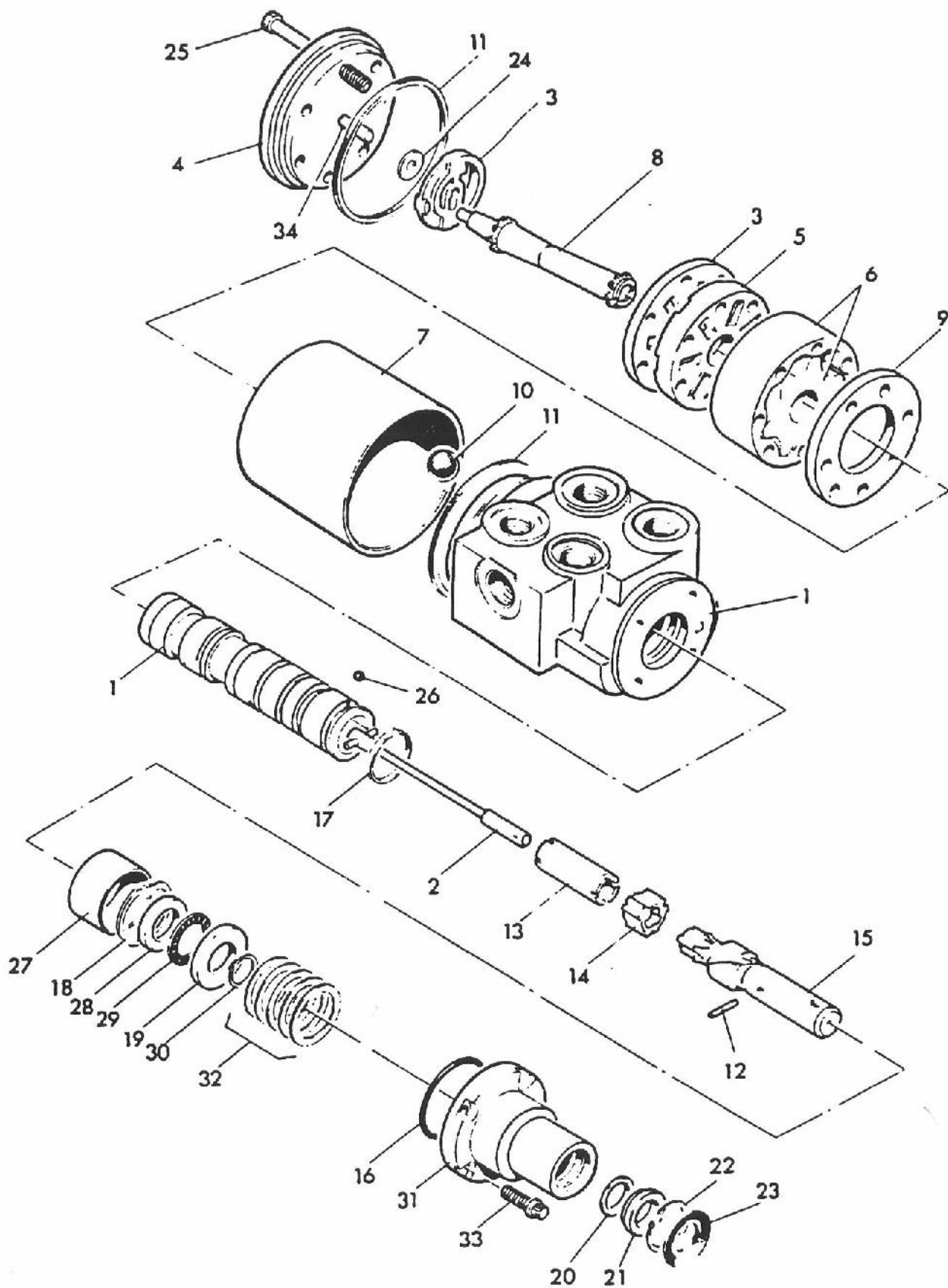
(2) - BSN 83036769

AR - As Required

NSS -Not Serviced Separately

835 TRACTOR

FIGURE 3B2 - STEERING VALVE 78-79



835 TRACTOR

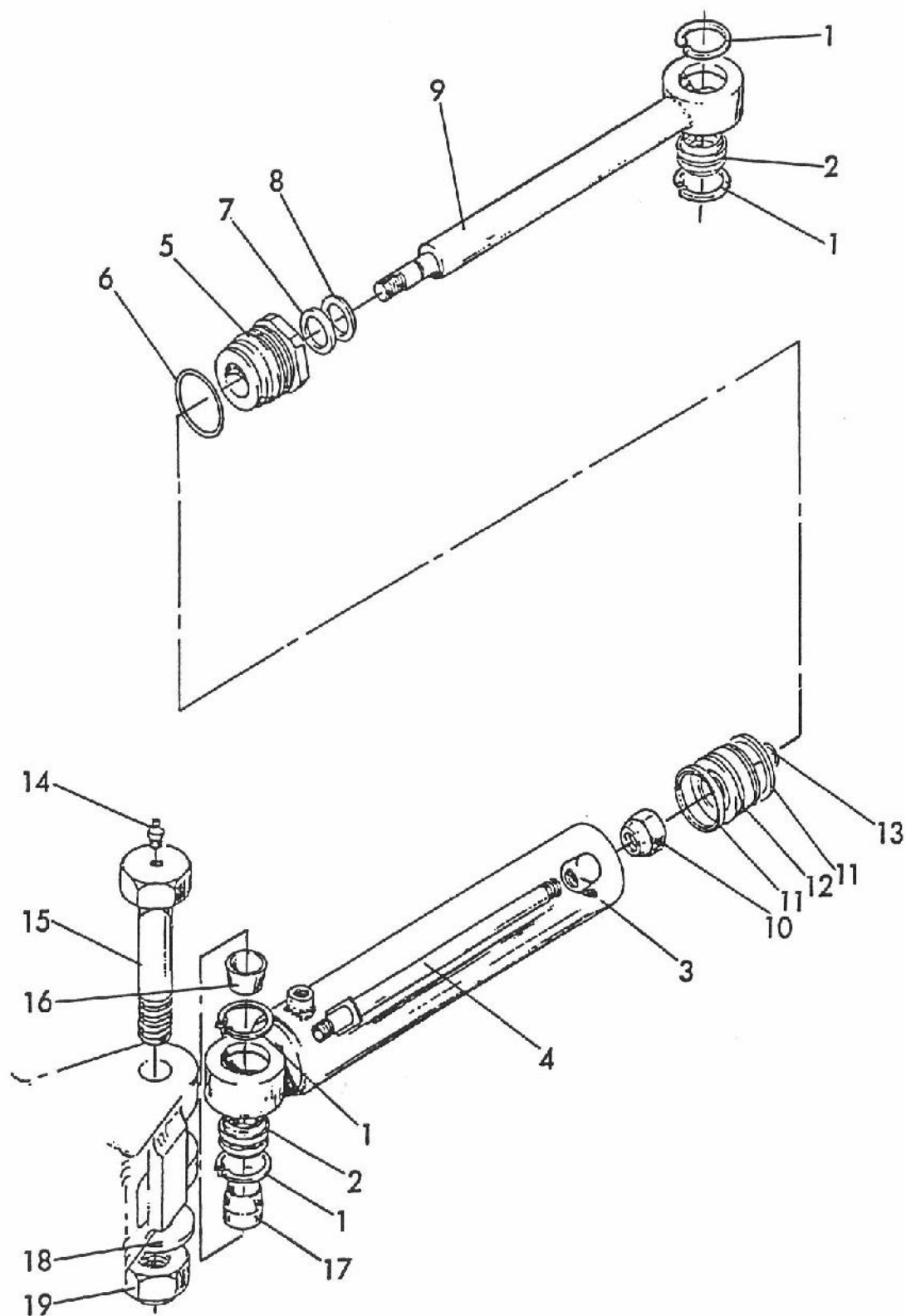
FIGURE 3B2 - STEERING VALVE 78-79
LENKVENTIL
SOUPAPE DE DIRECTION
VÁLVULA DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V53616		78-79/	1	Valve Assembly - Steering - Replaces 31284 Includes: 1-34
1		V53708/NSS		79/	1	Housing Assembly
1		V31285		78/	1	Housing Assembly
2		V48367		78-79/	1	Bar - Torsion
3		V19053		78-79/	1	Commutator Assembly
4		V53711		79/	1	End Cover Assembly
4		V19058		78/	1	End Cover Assembly - Replaces 19057
5		V19052		78-79/	1	Manifold
6		V19051		78-79/	1	Set - Rotor
7		V19056		78-79/	1	Protector - Sleeve
8		V19049		78-79/	1	Link - Drive
9		V19050		78-79/	1	Plate - Wear
10		V19048		78-79/	1	Ball - Steel 13/16" Dia
11		V19047		78-79/	2	Ring - Seal
12		V19021		78-79/	1	Roller - Needle
13		V19023		78-79/	1	Spacer - Drive Link
14		V53719		79/	1	Ring - Drive
14		V19022		78/	1	Ring - Drive
15		V19018		78-79/	1	Shaft - Input
16		V19039		78-79/	1	Ring - Seal
17		V53720		79/	1	Spring - Pre-load
17		V19034		78/	1	Spring - Pre-load
18		V19032		78-79/	1	Washer - Wave
19		V19031		78-79/	1	Washer - Thrust
20				78-79/	1	Seal
20		V77198		78/	1	Seal - Replaces 22649
21				79/	1	Washer - Back-up
21		V19044		78/	1	Washer - Back-up
22		V19045		78-79/	1	Ring - Snap
23		V31283		78-79/	1	Seal
24		V53717		79/	1	Washer
24		V19060		78/	1	Washer
25		V19061		78-79/	7	Screw - 3/8" - 24 x 4-3/8" Long
26		V19033	3976004	78-79/	1	Ball - 5/16" Dia.
27		V53721		79/	1	Spacer
27		V19035		78/	1	Spacer
28		V19029		78-79/	1	Race - Bearing
29		V19030		78-79/	1	Bearing - Thrust
30		V19025		78-79/	1	Ring - Retaining
31		V31297		78-79/	1	Cover - Upper
32		V19024		78-79/	1	Shim - .030
		V19028		78-79/	1	Shim - .0025
		V19027		78-79/	4	Shim - .005
		V19026		78-79/	4	Shim - .010
33		V19040		78-79/	4	Screw - 5/16" - 18 x 3/4" Long
34		V19059		78-79/	1	Roller - Needle
		V31282		79/	AR	Kit - Hydraguide Seal Includes: 23

AR - As Required
NSS - Not Serviced Separately

835 TRACTOR

FIGURE 3C1 - STEERING CYLINDERS



835 TRACTOR

FIGURE 3C1 - STEERING CYLINDERS
LENKZYLINDER
CYLINDRE DE DIRECTION
CILINDRO DE DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1 2		V25570		78-84/	1	Steering Cylinder Assembly - L.H. - Replaces 36464 Includes: 1-13
		V25569		78-84/	1	Steering Cylinder Assembly - R.H. - Replaces 36465 Includes: 1-13
		V21356	1861264	78-84/	4	Ring - Retainer
		V18125	1860417	78-84/	2	Bushing
		V36464/NSS		78-84/	1	Cylinder Assembly - L.H. Includes: 3-13
		V36465/NSS		78-84/	1	Cylinder Assembly - R.H. Includes: 3-13
		V36502		78-84/	1	Tube - L.H.
		V36498		78-84/	1	Tube - R.H.
		V36491		78-84/	2	Line - Oil 3/8" Dia x 16-3/4"
		V36499		78-84/	2	Plate - Head SAE D4512
3		V17679		78-84/	2	O-Ring - 3/16" Dia. x 3" OD
4		V17680		78-84/	2	Seal - Rod 1-1/2" x 1-7/8" x 3/8"
5		V36501		78-84/	2	Seal - Wiper 1-1/2" Dia.
6		V36497		78-84/	2	Shaft
7		V36493		78-84/	2	Nut - Lock 1-1/4" UNS
8		V36496		78-84/	4	U-Cup - 2-1/2" x 3" x 3/8"
9		V36494		78-84/	2	Piston - SAE G2500
10		V36495		78-84/	2	O-Ring - 7/8" ID x 1" OD
11		V8005	3975896	78-84/	4	Fitting - Grease 1/8" NPT
12		V23692		78-84/	4	Pin - Steering Cylinder
13		V23595		78-84/	4	Spacer - Upper
14		V23632		78-84/	4	Spacer - Lower
15		V13569		78-84/	4	Washer - Plain 1-3/8" ID x 2-1/2" OD x 8 GA
16		V23941		78-84/	4	Nut - Lock 1-1/4" - 12 UNF
17		V36466		78-84/	AR	Kit - Repair Seal Includes: 6-8, 11 & 13

AR - As Required

NSS - Not Serviced Separately

835 TRACTOR

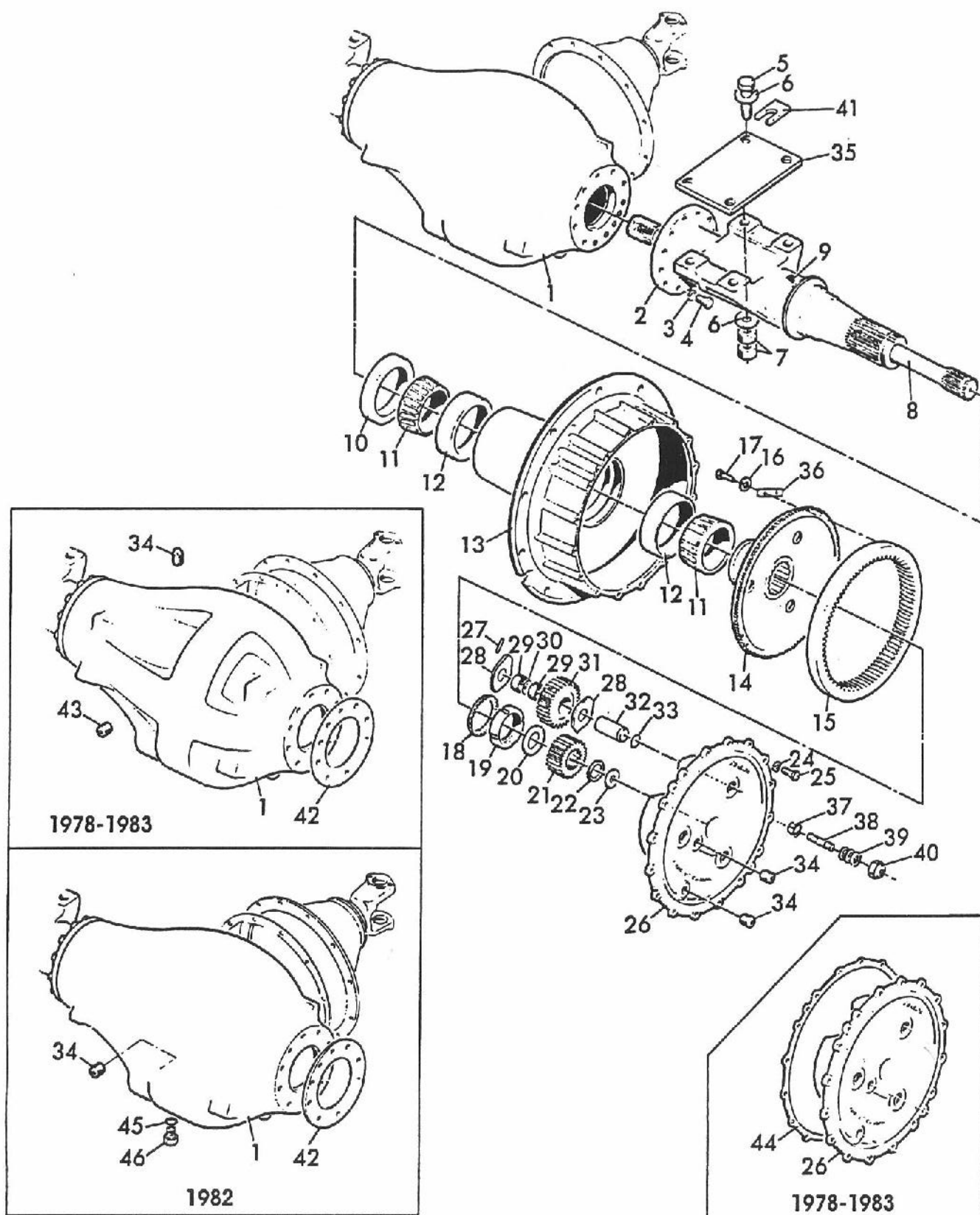
835 TRACTOR

SECTION 4 - AXLES
SEKTION 4 - ACHSES
SECTION 4 - ESSIEUS
SECCION 4 - EJES

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
4A1	Axle and Planet Carrier - 12 Bolt Achse und Träger-Planetenräder - 12 Bolzen Essieu de Porte-Planétaires - 12 Boulon Eje y Portador-Planetario - 12 Tornillo	4-3,4-5	
4A2	Axle And Planet Carrier - 16 Bolt Achse und Träger-Planetenräder - 16 Bolzen Essieu de Porte-Planétaires - 16 Boulon Eje y Portador-Planetario - 16 Tornillo	4-7	
4A3	Differential Carrier And No-Spin 83-84 Differenzial Träger und Nicht-Spinnen Carter de Differentiel et Non-Tournoiement Carter de Diferencial y No-Giro	4-9,4-11	
4A4	Differential Carrier And No-Spin 78-80,81,83 Differenzial Träger und Nicht-Spinnen Carter de Differentiel et Non-Tournoiement Carter de Diferencial y No-Giro	4-13,4-15	
4A5	Differential Carrier And No-Spin 82 Differenzial Träger und Nicht-Spinnen Carter de Differentiel et Non-Tournoiement Carter de Diferencial y No-Giro	4-17,4-19	
4A6	Differential Carrier Operator Lockable 83-84 Differenzial Träger Bediente-Sperren Carter de Differentiel et Serrureable Par Operateur Carter de Diferencial Cerradurable Por Operador	4-21,4-23	

835 TRACTOR

FIGURE 4A1 - AXLE AND PLANET CARRIER - 12 BOLT



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FIGURE 4A1- AXLE AND PLANET CARRIER - 12 BOLT
 ACHSE UND TRÄGER-PLANETENRÄDER - 12 BOLZEN
 ESSIEU DE PORTE-PLANÉTAIRES - 12 BOULON
 EJE Y PORTADOR-PLANETARIO - 12 TORNILLO

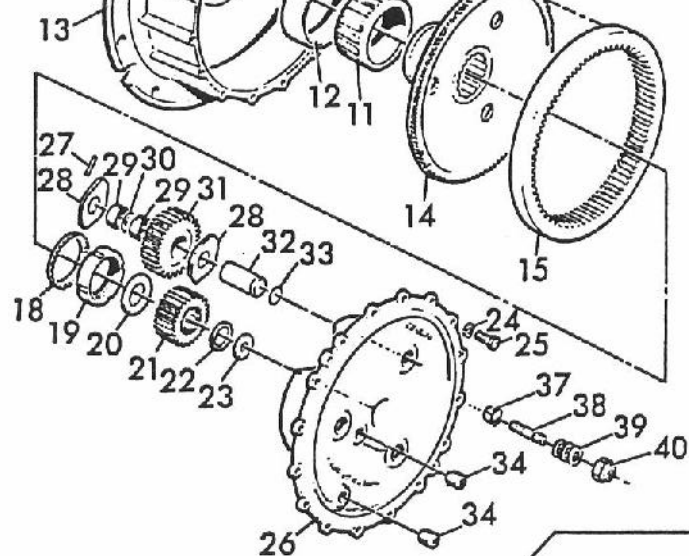
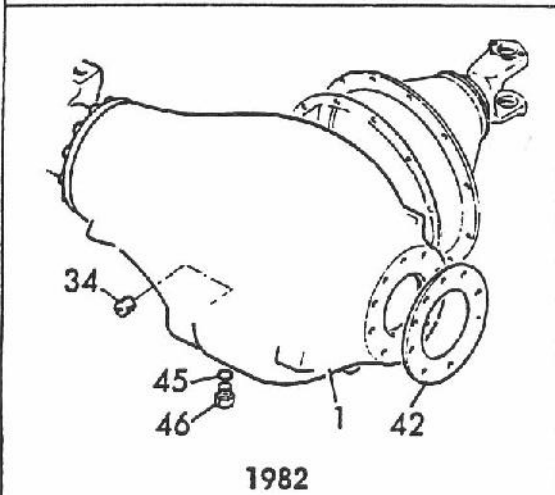
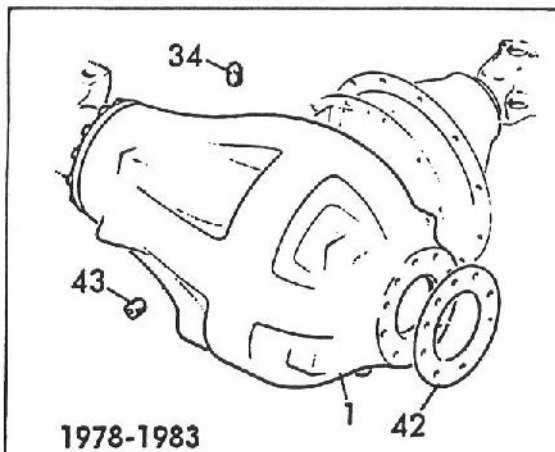
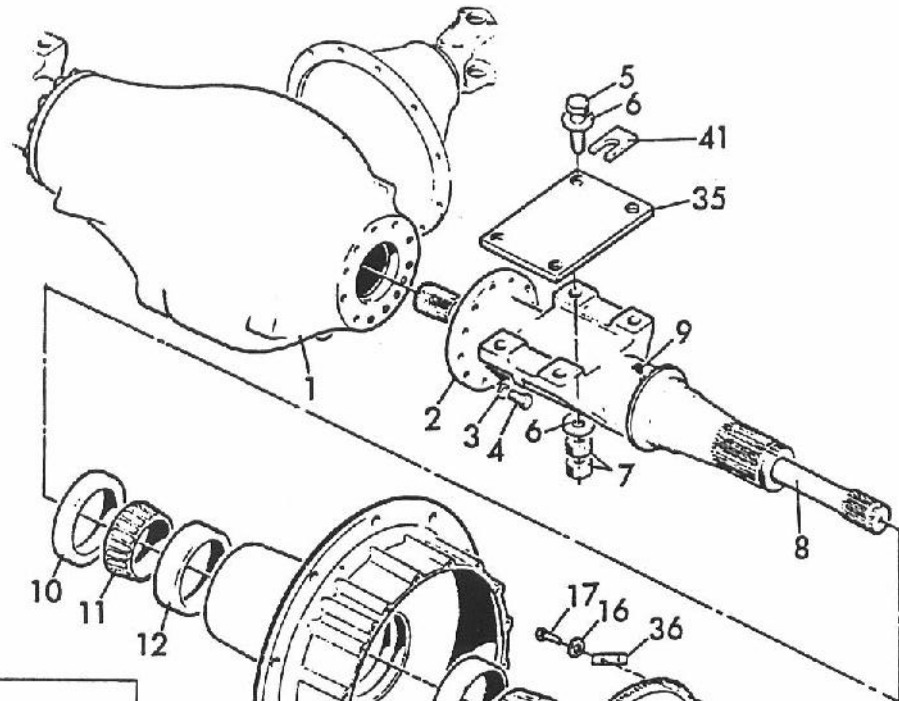
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V23917		78-81/83-8	1	Axle Bolted Assembly - Front
		V36039		82/	1	Axle Bolted Assembly - Front
		V23918		78-81/83-8	1	Axle Bolted Assembly - Rear
		V36038		82/	1	Axle Bolted Assembly - Rear
		V32003		78-81/83	1	Axle Bolted Assembly - Front No-Spin
		V36040		82/	1	Axle Bolted Assembly - Front No-Spin
	(1)	V75163		83-84/	1	Axle Bolted Assembly - Front Differential Lock
		V56752		82/	1	Axle Bolted Assembly - Front Differential Lock
	(1)	V75164		83-84/	1	Axle Bolted Assembly - Rear Differential Lock
		V56758		82/	1	Axle Bolted Assembly - Rear Differential Lock
1		V17143		78-81/83-8	1	Housing - Differential
		V68170		82/	1	Housing - Differential
2	(1)	V21370		83-84/	2	Tube - Axle
		V35972		82/	2	Tube - Axle
3		V12009	3975907	78-84/	24	Washer - Lock Helical Spring 3/4" ID
4		V12010		78-84/	24	Screw - Cap Hex 3/4" - 10 UNC x 2-1/4"
5		V18898		78-84/	8	Screw - Cap Hex 1 - 14 UNF x 4"
		V15531		78-84/	8	Screw - Cap Hex 1 - 14 UNF x 4-3/4"
6		V58075		78-84/	16	Washer - Plain 1-1/16" ID x 2" OD x 9/64"
7		V23874		81-84/	16	Nut - Hex 1 - 14 UNF
7		V12262		78-80/	16	Washer - Flat 1-1/16" ID x 2 x 10 GA
8		V63085		78-84/	2	Shaft - Axle
9		V17112	1859971	81-84/	2	Plug - Hex 1/8" NPT
9		V63085		78-80/	2	Shaft - Axle
10		V30379		78-84/	2	Seal - Oil Wheel Hub
11		V613T121		78-84/	4	Cone - Bearing
12		V613T122		78-84/	4	Cup - Bearing
13		V15750		78-84/	2	Hub - Wheel
14		V23920		78-84/	2	Hub - Ring Gear
15		V23921		78-84/	2	Gear - Ring
16		V23965	1859961	78-84/	12	Washer - Plain 13/32" ID x 15/16" OD x 20 GA
17		V15603	1862048	78-84/	12	Screw - Cap Hex Grade 5 3/8" - 24 UNF x 5/8"
18		V613T123		78-84/	2	Washer - Lock Axle Tube
19		V613T124		78-84/	2	Nut - Lock Axle Tube
20		V613T116		78-84/	2	Washer - Floating
21		V23922		78-84/	2	Gear - Sun 5.62 Reduction
22		V2032	3975856	78-84/	2	Ring - Snap 2" - Replaces 613T127
23		V613T117		78-84/	2	Washer - Axle Shaft Thrust
24	(1)	V44183	3975788	83-84/	24	Washer - Plain M12
24	(2)	V12007	3975906	78-83/	24	Washer - Lock Helical Spring 1/2" ID
25		V12008	1859824	78-84/	24	Screw - Cap Hex 1/2" - 13 UNC x 1-1/2"

(1) - - ASN 83036768

(2) - - BSN 83036769

835 TRACTOR

FIGURE 4A1 - AXLE AND PLANET CARRIER - 12 BOLT



835 TRACTOR

FIGURE 4A1- AXLE AND PLANET CARRIER - 12 BOLT
 ACHSE UND TRÄGER-PLANETENRÄDER - 12 BOLZEN
 ESSIEU DE PORTE-PLANÉTAIRES - 12 BOULON
 EJE Y PORTADOR-PLANETARIO - 12 TORNILLO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V91049		78-84/	2	Planet Carrier Assembly - Replaces 23927 Includes: 26-33
26		V90533		84/	2	Carrier - Planet - Replaces 90438
27		V12058	3975915	78-84/	6	Pin - Roll 1/4" Dia x 1-1/2"
28		V63697		81-84/	12	Washer - Thrust Planet Gear
28		V23972		78-80/	12	Washer - Thrust Planet Gear
29		V23970		78-84/	348	Roller - Needle
30		V23973		78-84/	6	Spacer - Needle Bearing
31		V23923		78-84/	6	Gear - Planet 29T
32		V23924		78-84/	6	Pin - Planet
33		V23971		78-84/	6	O-Ring
34		V50290		81-84/	4	Plug - Magnetic 3/4" NPT - Replaces Replaces 613T132
35		V31429		78-84/	2	Plate - Axle Shim Use w/Rice or Goodyear Wheels
36		V23925		78-84/	6	Retainer - Ring Gear
37		V50415		78-84/	8	Dowel - Taper
38		V50414		78-84/	8	Stud - Planet Carrier
39		V12076	3975917	78-84/	24	Washer - Plain 17/32" ID x 1-1/16" OD - Replaces 12076P
40		V50307		78-84/	8	Nut - Lock Nylon Insert 1/2" - 20 UNF
41	NS(1) (1)	V614T149		83-84/	AR	Shim - Axle Mounting 26 GA
		V614T150		83-84/	AR	Shim - Axle Mounting 18 GA - Replaces 614T149
		V32004		78-80/	1	Axle Bolted Assembly - Rear No-Spin
42	(2)	V613T118		78-83/	2	Gasket - Axle Tube
43	(2)	V50289	1860069	81-83/	1	Plug - Magnetic 1/2" NPT
43		V13202	3975965	78-80/	1	Plug - Magnetic 1/2" NPT
44	(2)	V613T119		78-83/	2	Gasket - Planet Carrier
45		V65120	1859944	82/	1	Gasket
46		V50804	1859942	82/	1	Plug - Magnetic Hex

(1) - ASN 83036768

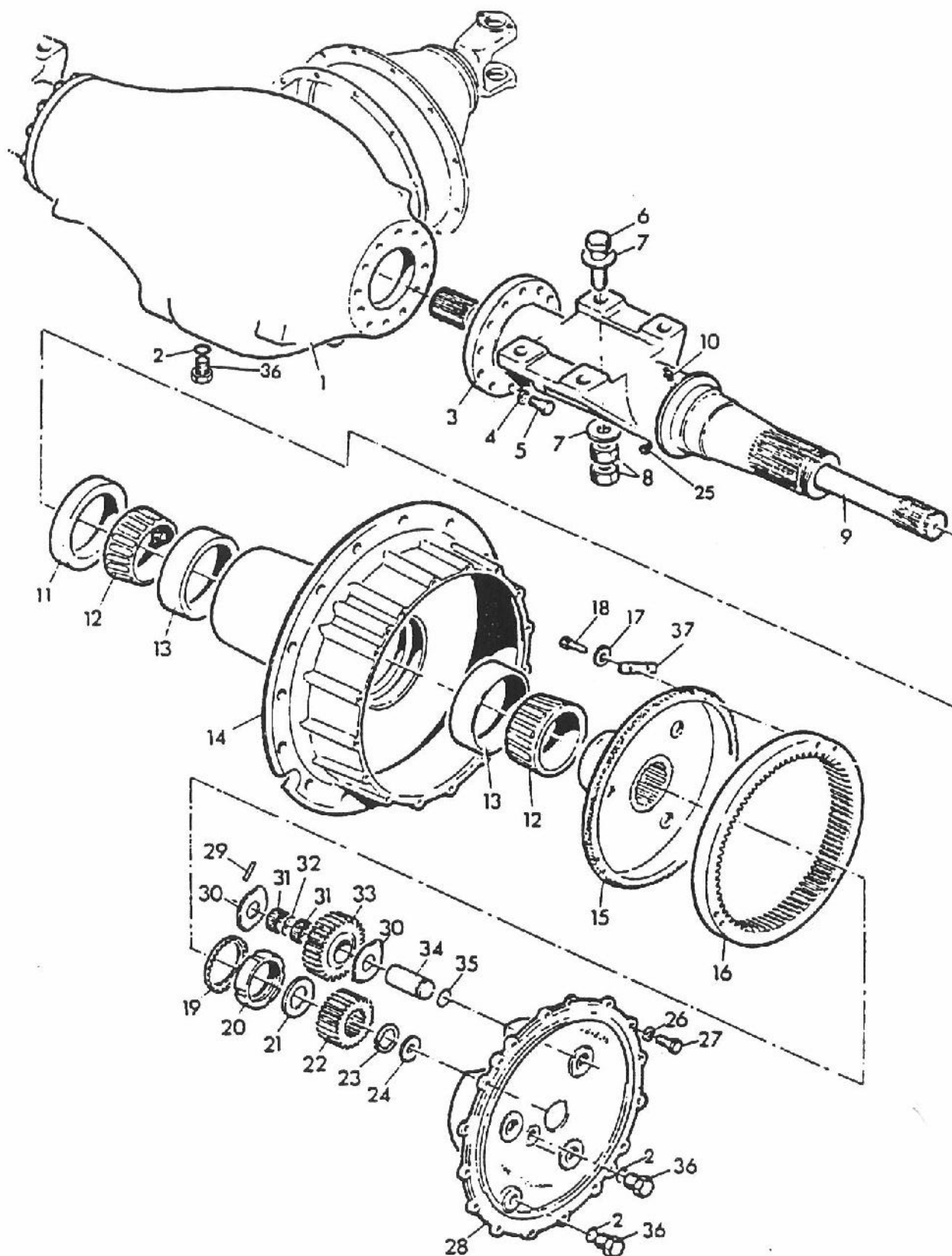
(2) - BSN 83036769

AR - As Required

NS - Not Serviced

835 TRACTOR

FIGURE 4A2 - AXLE AND PLANET CARRIER - 16 BOLT



835 TRACTOR

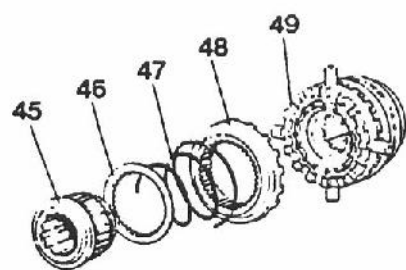
FIGURE 4A2- AXLE AND PLANET CARRIER - 16 BOLT
 ACHSE UND TRÄGER-PLANETENRÄDER - 16 BOLZEN
 ESSIEU DE PORTE-PLANÉTAIRES - 16 BOULON
 EJE Y PORTADOR-PLANETARIO - 16 TORNILLO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V63267		82/	AR	Axle Bolted Assembly - Front
		V63269		82/	AR	Axle Bolted Assembly - Rear
		V66440		82/	AR	Axle Bolted Assembly - Front No-Spin
		V66442		82/	AR	Axle Bolted Assembly - Rear Differential Lock
2		V66441		82/	AR	Axle Bolted Assembly - Front Differential Lock
		V68170		82/	1	Housing - Differential
		V65120	1859944	82/	5	Gasket
		V58676		82/	2	Tube - Axle
3		V12009	3975907	82/	24	Washer - Lock Helical Spring 3/4" ID
4						
5		V12010		82/	24	Screw - Cap Hex 3/4" - 10 UNC x 2-1/4"
6		V18898		82/	8	Screw - Cap Hex 1 - 14 UNF x 4"
		V15531		82/	8	Screw - Cap Hex 1 - 14 UNF x 4-3/4"
7		V58075		82/	16	Washer - Flat Hardened 1-1/16" ID x 2" OD x 9/64"
8		V23874		82/	16	Nut - Hex 1 - 14 UNF
9		V63266	1859969	82/	2	Shaft - Axle
10		V17112	1859971	82/	2	Plug - Hex 18 NPT
11		V58599	1859651	82/	2	Seal - Oil Wheel Hub
12		V50794	1859966	82/	4	Cone - Bearing
13		V50793	1859967	82/	4	Cup - Bearing
14		V58675		82/	2	Hub - Wheel
15		V58674	1859968	82/	2	Hub - Ring Gear
16		V63261	1859959	82/	2	Gear - Ring
17		V23965	1859961	82/	12	Washer - Plain .41 ID x 5/16" OD x 20 GA
18		V20677	1859960	82/	12	Screw - Cap Hex 5/16" - 24 UNF x 5/8"
19		V60072	1859964	82/	2	Washer - Lock Axle Tube
20		V60073	1859963	82/	2	Nut - Lock Axle Tube
21		V63260		82/	2	Washer - Floating
22		V63263	1859958	82/	2	Gear - Sun 21T
23		V901T114		82/	2	Ring - Snap 2"
24		V58819	1859945	82/	2	Washer - Axle Shaft Thrust - Replaces TR-58819
25		V47714		82/	1	Plug - 37° Flare 3/8" OD
26		V44183	3975788	82/	32	Washer - Plain 13 mm ID x 24 mm OD x 2.5 mm
27		V43959	1859946	82/	32	Screw - Cap Hex M12 - 1.75 x 45 mm Class 8.8
		V63268	1859948	82/	AR	Planet Carrier Assembly Includes: 28-35
28		V63270	1859956	82/	2	Carrier - Planet
29		V43962	1859949	82/	6	Pin - Roll 8 Dia x 40 mm
30		V63259	1859951	82/	12	Washer - Thrust Planet Gear
31		V63258	1859952	82/	348	Roller - Needle
32		V58818	1859953	82/	6	Spacer - Needle Bearing
33		V63262		82/	6	Gear - Planet 34T
34		V63265	1859954	82/	6	Pin - Planet
35		V48163	1859955	82/	6	O-Ring
36		V50804	1859942	82/	5	Plug - Magnetic 1 - 18 UNS
37		V66439	1859962	82/	6	Retainer - Ring Gear

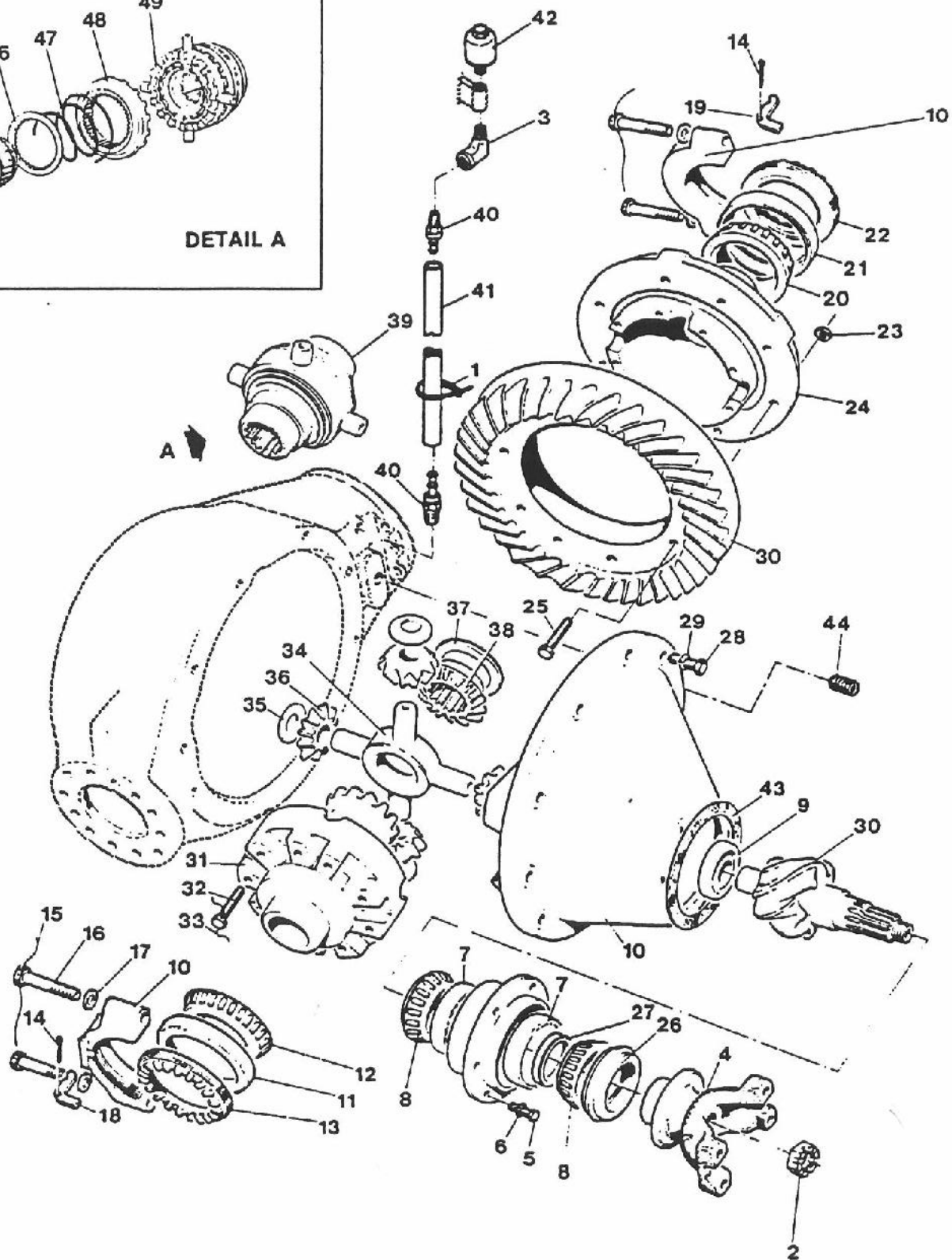
AR - As Required

835 TRACTOR

FIGURE 4A3 - DIFFERENTIAL CARRIER AND NO-SPIN 83-84



DETAIL A



835 TRACTOR

FIGURE 4A3- DIFFERENTIAL CARRIER AND NO-SPIN 83-84
 DIFFERENZIAL TRÄGER UND NICHT-SPINNEN 83-84
 CARTER DE DIFFERENTIEL ET NON-TOURNOIEMENT 83-84
 CARTER DE DIFERENCIAL Y NO-GIRO 83-84

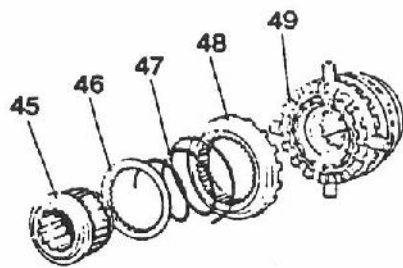
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V63028		83-84/	1	Differential Carrier Head Assembly - Front Axle
		V63029		83-84/	1	Differential Carrier Head Assembly - Rear Axle
		V63030		83-84/	1	Differential Carrier Head Assembly - Front Axle No-Spin
				83-84/	AR	Differential Carrier Head Assembly - Axle Lock - See Lockable Differential Section 7
1		V2747	3975860	83-84/	1	Strap - Plastic Tie
2		V49326	1862093	83-84/	1	Nut - Stop Pinion Shaft End 1/4" - 20 UNJF - 3B
3		V17497	3975992	83-84/	1	Elbow - Street 1/4" NPT For Rear Axle Only
4		V612T147		83-84/	1	Yoke & Mudslinger Assembly
5		V50617		83-84/	6	Screw - Cap Hex 9/16" - 12 UNC x 1-1/2" - Replaces 19556
6		V19555		83-84/	6	Washer - Lock External Tooth 9/16" ID
		V612T126		83-84/	1	Pinion Bearing Cage & Cups Assembly Includes: 7
7		V612T120		83-84/	2	Cup - Pinion Bearing
8		V612T118		83-84/	2	Cone & Roller Assembly - Pinion Bearing
9		V612T117		83-84/	1	Bearing - Pinion Inner
10		V612T107		83-84/	1	Differential Carrier & Caps Assembly
11		V612T109		83-84/	1	Cup - Differential Bearing R.H.
12		V612T110		83-84/	1	Cone - Differential Bearing R.H.
13		V612T108		83-84/	1	Adjuster - Differential Bearing R.H.
14		V12815	1859775	83-84/	2	Pin - Cotter 5/32" Dia x 1-1/4"
15		V19552		83-84/	4	Wire - Lock
16		V26573		83-84/	4	Screw - Cap
17		V26574		83-84/	4	Washer - Lock
18		V612T105		83-84/	1	Adjuster - Lock R.H.
19		V612T106		83-84/	1	Adjuster - Lock L.H.
20		V612T113		83-84/	1	Cone - Differential Bearing L.H.
21		V612T114		83-84/	1	Cup - Differential Bearing L.H.
22		V612T115		83-84/	1	Adjuster - Differential Bearing L.H.
23		V26576		83-84/	16	Nut - Gear Support Case
24				83-84/	1	Case - Gear Support
25		V26575	1860002	83-84/	16	Bolt - Gear Support Case
26		V47643		83-84/	1	Oil Seal & Retainer Assembly
27	NS	V612T119		83-84/	1	Kit - Spacer Pinion Shaft Bearing
		V52926		83-84/	1	Kit - Spacer
		V52927		83-84/	1	Kit - Spacer
		V52928		83-84/	1	Kit - Spacer

AR - As Required

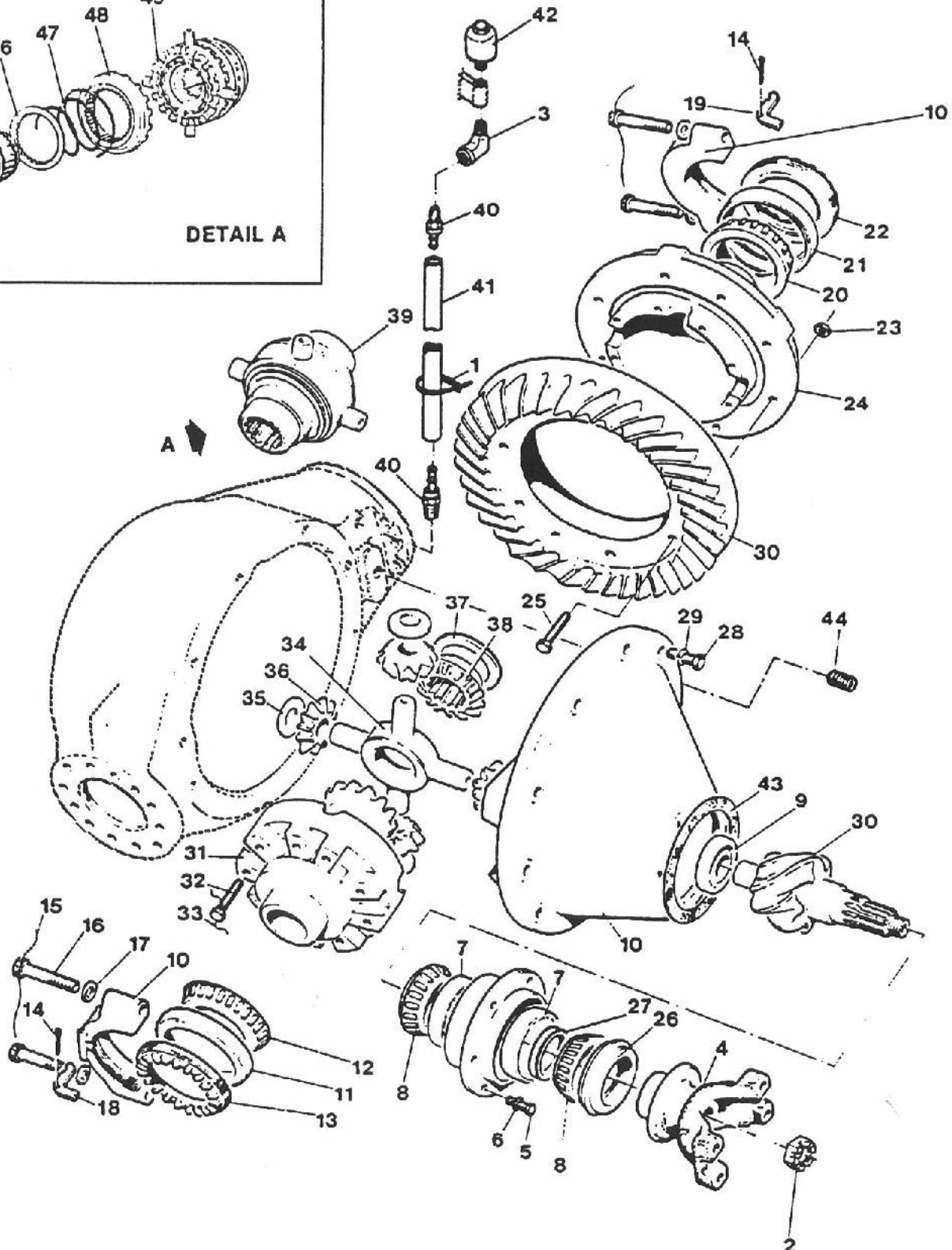
NS - Not Serviced

835 TRACTOR

FIGURE 4A3 - DIFFERENTIAL CARRIER AND NO-SPIN 83-84



DETAIL A



835 TRACTOR

FIGURE 4A3- DIFFERENTIAL CARRIER AND NO-SPIN 83-84
 DIFFERENZIAL TRÄGER UND NICHT-SPINNEN 83-84
 CARTER DE DIFFERENTIEL ET NON-TOURNOIEMENT 83-84
 CARTER DE DIFERENCIAL Y NO-GIRO 83-84

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
28		V613T131		83-84/	12	Screw - Cap Hex 5/8" - 11 UNC x 1-3/4"
29		V12110		83-84/	12	Washer - Lock Helical Spring 5/8" ID
30		V74536		83-84/	1	Pinion & Gear - Matched Set Front - Replaces 26621
		V74535		83-84/	1	Pinion & Gear - Matched Set Rear - Replaces 26620
31				83-84/	1	Case - Differential R.H.
32		V612T141		83-84/	12	Screw - Cap Differential Case
33		V612T142		83-84/	1	Wire - Lock
34	(1)	V56116		83-84/	1	Spider - Differential - Replaces 17070
35	(1)	V17069	3977163	83-84/	4	Washer - Side Pinion Thrust
36	(1)	V79090		83-84/	4	Pinion - Side
37		V612T137		83-84/	2	Washer - Side Gear Thrust
38		V63871		83-84/	2	Gear - Side
39		V63870		83-84/	1	Clutch Assembly - No-Spin Includes: 45-49
40		V36271		83-84/	2	Fitting - 1/4" Hose Push On
41		V8864002		83-84/	23	Hose - Front & Rear Axle Vent - Replaces 36272 & 36273
42		V36042	1860773	83-84/	2	Vent - 1/4" Differential Housing
43		V612T121		83-84/	AR	Shim - .003
		V612T122		83-84/	AR	Shim - .005
		V612T123		83-84/	AR	Shim - .010 - Replaces 612T125
		V612T124		83-84/	AR	Shim - .020
	NS	V612T125		83-84/	AR	Shim - .030
		V120130		83-84/	AR	Shim - .020 - Replaces 612T125
44		V50290		83-84/	1	Plug - Magnetic 3/4" NPT
45		V89862		83-84/	2	Gear - Side
46		V31049		84/	2	Retainer - Spring
47		V31045		84/	2	Spring
48		V31052		84/	2	Clutch Member Assembly
49		V31051		84/	1	Spider Assembly
		V79089		83-84/	AR	Kit - Spider & Gear Includes: 34-38

(1) - ASN 83036768

AR - As Required

NS - Not Serviced

835 TRACTOR

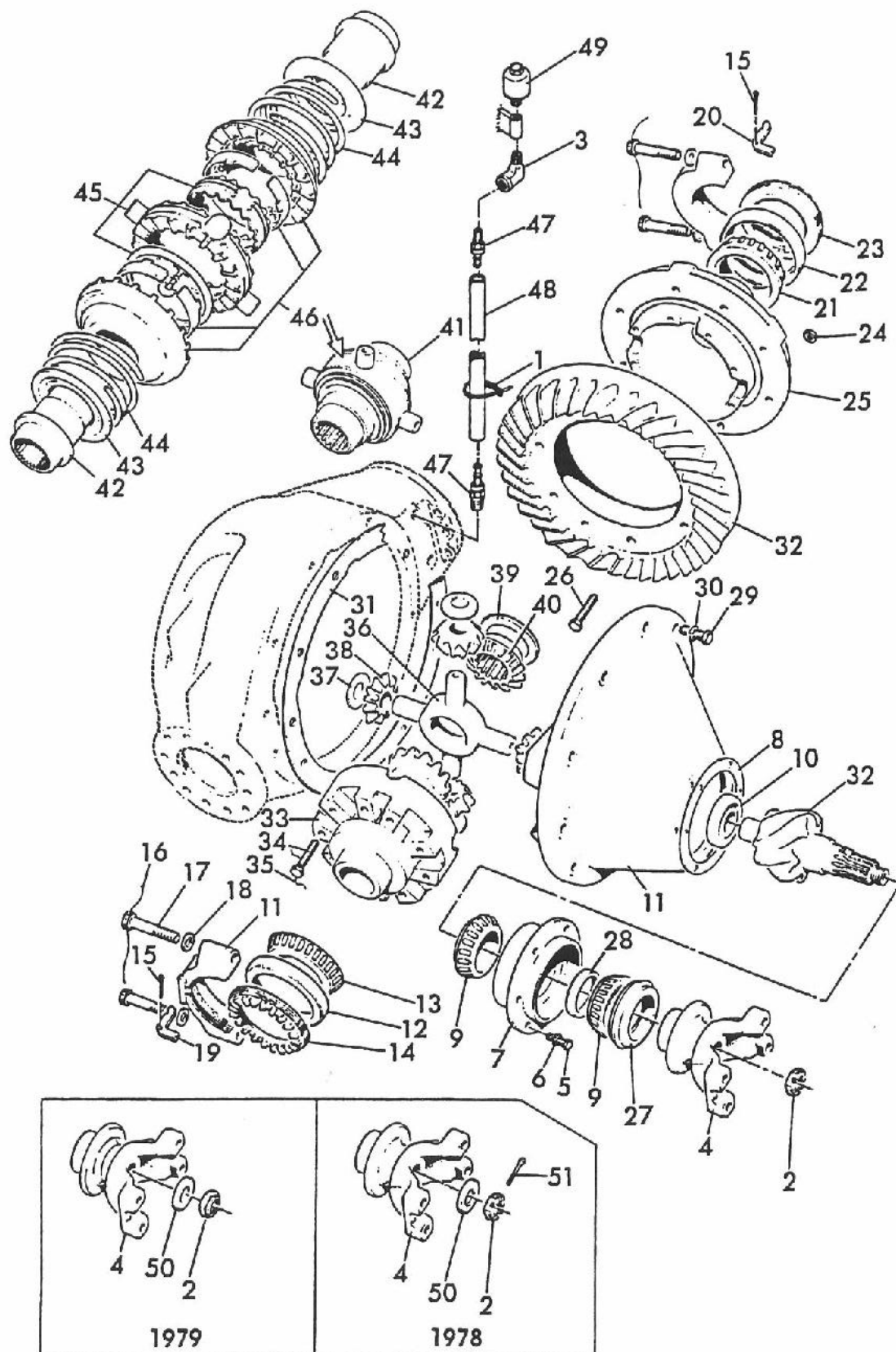
FIGURE 4A4- DIFFERENTIAL CARRIER AND NO-SPIN 78-80,81,83
 DIFFERENZIAL TRÄGER UND NICHT-SPINNEN
 CARTER DE DIFFERENTIEL ET NON-TOURNOIEMENT
 CARTER DE DIFERENCIAL Y NO-GIRO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V63028		81-83/	AR	Differential Carrier Head Assembly - Front Axle 4.88
		V26556		78-80/	AR	Differential Carrier Head Assembly - Front Axle 4.88
		V63029		81-83/	AR	Differential Carrier Head Assembly - Rear Axle 4.88
		V26557		78-80/	AR	Differential Carrier Head Assembly - Rear Axle 4.88
		V63030		81-83/	AR	Differential Carrier Head Assembly - Front Axle 4.88 No-Spin
		V36145		78-80/	AR	Differential Carrier Head Assembly - Front Axle 4.88 No-Spin
		V36144		78-80	AR	Differential Carrier Head Assembly - Rear Axle 4.88 No-Spin
1		V2747	3975860	78-80/	1	Strap - Plastic Tie - Replaces SW-2747
2		V49326	1862093	79-80/81-8	1	Nut - Stop Pinion Shaft End 1/4" - 20 UNJF -
2		V612T148	1862093	78/	1	Nut - Pinion Shaft End 3B
3		V17497	3975992	78-80/81	1	Elbow - Street 1/4" NPT - Rear Axle Only
4		V612T147		78-80/81	1	Yoke & Mudslinger Assembly
5		V50617		78-80/81	6	Screw - Cap Hex 9/16" - 12 UNC x 1-1/2" - Replaces 19556
6		V19555		78-80/81	6	Washer - Lock 9/16" External Tooth
7		V612T126		78-80/81	1	Pinion Bearing Cage & Cups Assembly
		V612T120		78-80/81	2	Cup - Pinion Bearing
8	NS	V612T121		78-80/81	AR	Shim - .003 Pinion Bearing Cage
		V612T122		78-80/81	AR	Shim - .005 Pinion Bearing Cage
		V612T123		78-80/81	AR	Shim - .010 Pinion Bearing Cage
		V612T124		78-80/81	AR	Shim - .020 Pinion Bearing Cage
		V612T125		78-80/81	AR	Shim - .030 Pinion Bearing Cage
		V120130		78-80/81	AR	Shim - Replaces 612T125
9		V612T118		78-80/81	2	Cone - Pinion Bearing 55200C
10		V612T117		78-80/81	1	Bearing - Pinion Inner
11		V612T107		78-80/81	1	Differential Carrier & Caps Assembly
12		V612T109		78-80/81	1	Cup - Differential Bearing R.H. 493
13		V612T110		78-80/81	1	Cone - Differential Bearing R.H. 497
14		V612T108		78-80/81	1	Adjuster - Differential Bearing R.H.
15		V12815	1859775	78-80/81	1	Pin - Cotter 5/32" x 1-1/4"
16		V19552		78-80/81	4	Wire - Lock
17		V26573		78-80/81	4	Screw - Cap
18		V26574		78-80/81	4	Washer - Differential Cam Capscrew
19		V612T105		78-80/81	1	Adjuster - Lock
20		V612T106		78-80/81	1	Lock - L.H.
21		V612T113		78-80/81	1	Cone - Differential Bearing L.H.
22		V612T114		78-80/81	1	Cup - Differential Bearing L.H.
23		V612T115		78-80/81	1	Adjuster - Differential Bearing L.H.
24		V26576		78-80/81	16	Nut - Gear Support Case
25		V56969		78-80/81	1	Case - Gear Support L.H. - Replaces 25793
26		V26575	1860002	78-80/81	16	Bolt - Gear Support Case
27		V47643		78-80/81	1	Oil Seal & Retainer Assembly

AR - As Required
 NS - Not Serviced

835 TRACTOR

FIGURE 4A4 - DIFFERENTIAL CARRIER AND NO-SPIN 78-80,81,83



835 TRACTOR

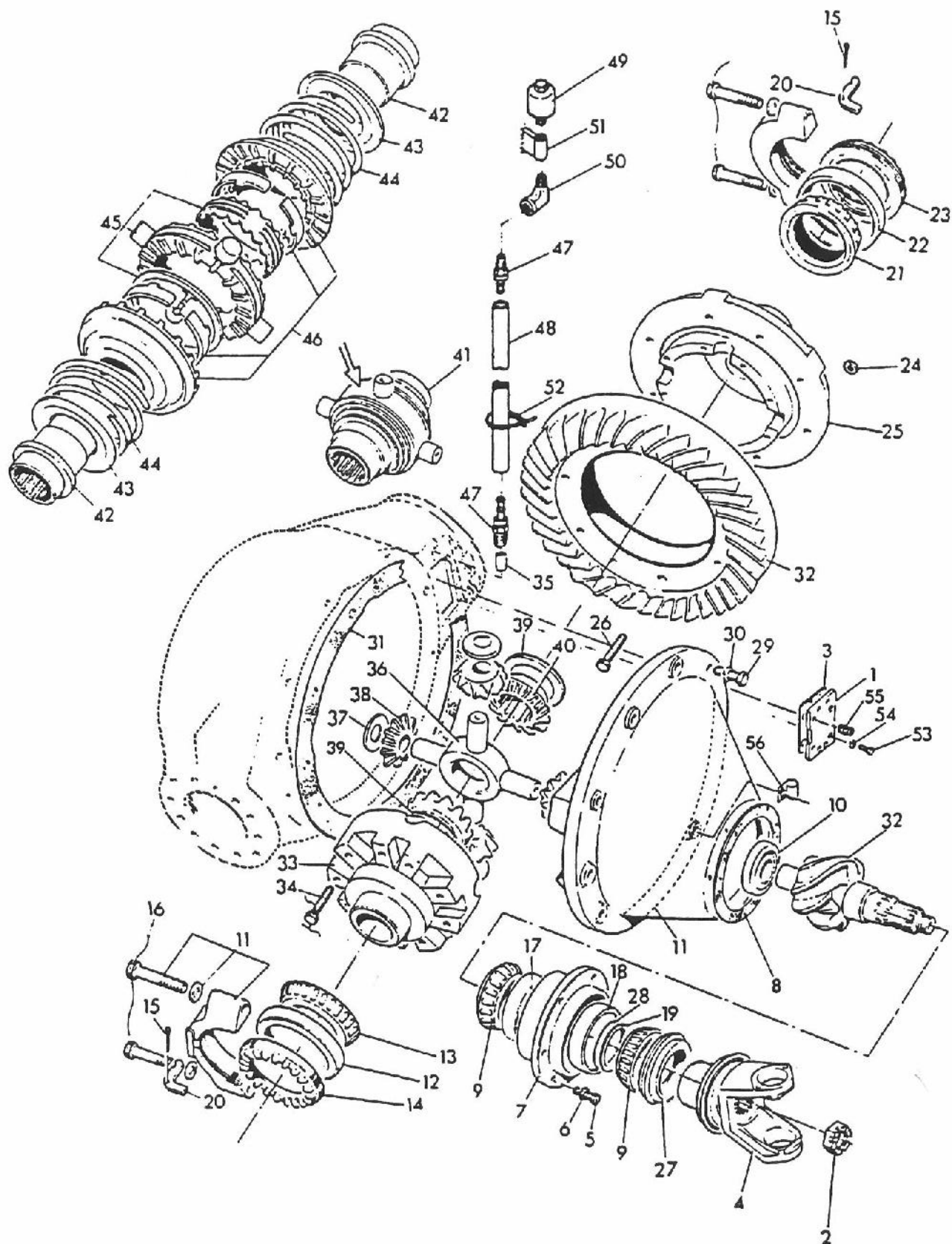
FIGURE 4A4- DIFFERENTIAL CARRIER AND NO-SPIN 78-80,81,83
 DIFFERENZIAL TRÄGER UND NICHT-SPINNEN
 CARTER DE DIFFERENTIEL ET NON-TOURNOIEMENT
 CARTER DE DIFERENCIAL Y NO-GIRO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
28	NS	V612T119		78-80/81	1	Kit - Spacer Pinion Shaft Bearing
		V52926		78-80/81	1	Kit - Spacer
		V52927		78-80/81	1	Kit - Spacer
		V52928		78-80/81	1	Kit - Spacer
29		V613T131		78-80/81	12	Screw - Cap Hex 5/8" - 11 UNC x 1-3/4"
30		V12110		78-80/81	12	Washer - Lock Helical Spring 5/8" ID
31		V613T120		78-80/81	1	Gasket - Differential Housing
32		V74536		78-80/81	1	Pinion & Gear - Matched Set Front R.H. - Replaces 26621
		V74535		78-80/81	1	Pinion & Gear - Matched Set Rear L.H. - Replaces 26620
33		V56969		78-80/81	1	Case - Differential R.H. - Replaces 612T138
34		V612T141		78-80/81	12	Screw - Cap Differential Case
35		V612T142		78-80/81	1	Wire - Lock
36	NSS	V25792		78-80/81	1	Spider
37		V17069	3977163	78-80/81	4	Washer - Side Pinion Thrust - Replaces 612T139
38		V17071		78-80/81	4	Side - Pinion
39		V612T137		78-80/81	2	Washer - Side Thrust
40	NSS	V17065		78-80/81	2	Gear - Side L.H. & R.H. - Replaces TR-17065
		V56969		78-80/81	1	Kit - Differential Case - Replaces 25790
		V56116		78-80/81	1	Kit - Differential - Replaces 25790 & 17065
41		V63870		81-83/	1	Clutch Assembly - No-Spin
41		V31053		78-80/	1	Clutch Assembly - No-Spin
42		V63871		81-83/	2	Gear - Side
42		V31050		78-80/	2	Gear - Side
43		V31049		78-80/81	2	Retainer - Spring
44		V31045		78-80/81	2	Spring
45		V31051		78-80/81	1	Spider Assembly
46		V31052		78-80/81	1	Clutch Member Assembly
47		V36271		78-80/81	2	Fitting - Hose 1/4" Push On
48		V8864002		78-80/81	2	Hose - Front & Rear Axle Vent - Replaces 36272 & 36273
49		V36042		78-80/81	1	Vent - 1/4" Differential Housing
50		V612T149		78-79/	1	Washer - Pinion Shaft End
51		V12819		78/	1	Pin - Cotter 1/8" x 1-3/4"

NS - Not Serviced
 NSS - Not Serviced Separately

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FIGURE 4A5 - DIFFERENTIAL CARRIER AND NO-SPIN 82



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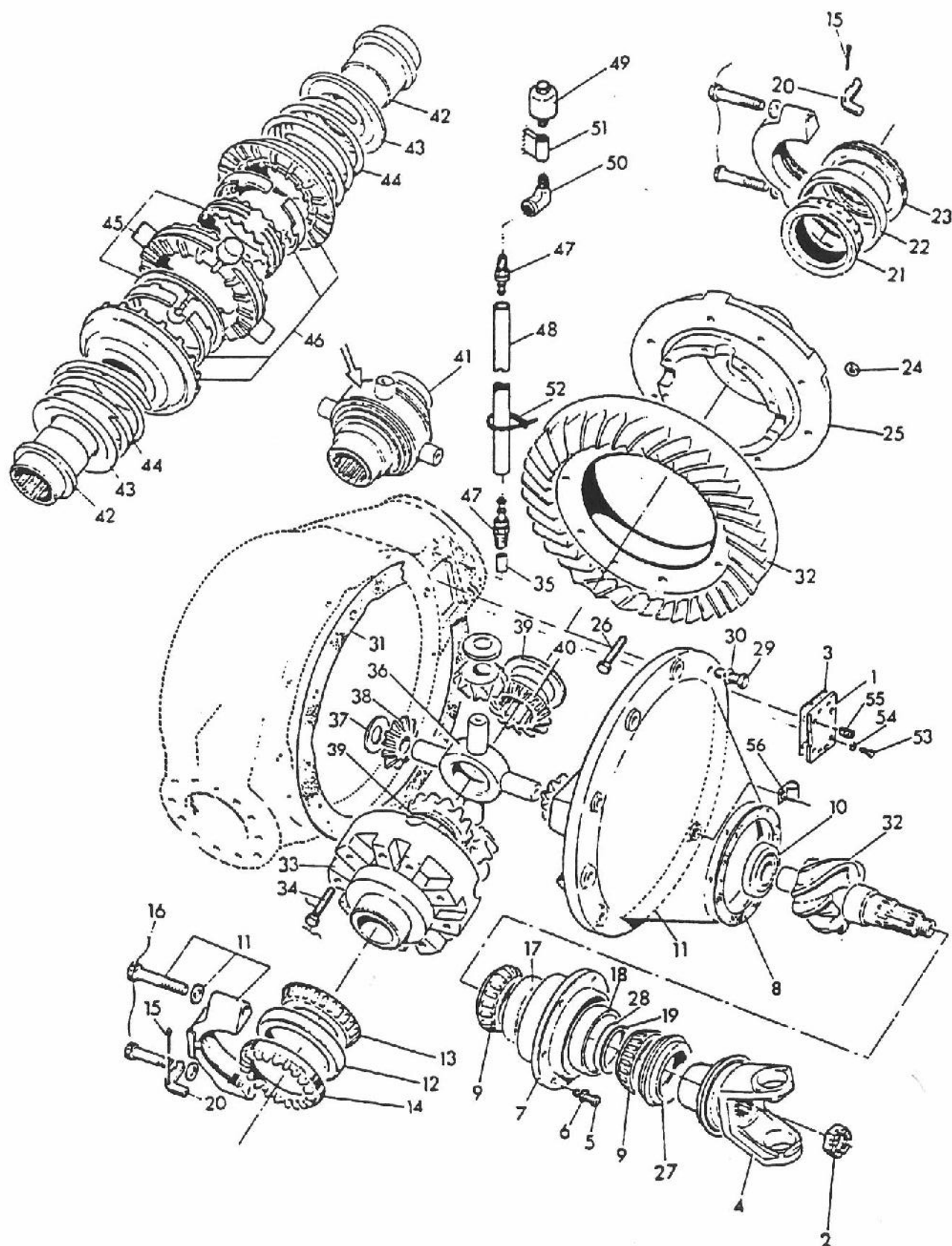
FIGURE 4A5- DIFFERENTIAL CARRIER AND NO-SPIN 82
 DIFFERENZIAL TRÄGER UND NICHT-SPINNEN
 CARTER DE DIFFERENTIEL ET NON-TOURNOIEMENT
 CARTER DE DIFERENCIAL Y NO-GIRO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V63023		82/	AR	Differential Carrier Head Assembly - Front Axle
		V63024		82/	AR	Differential Carrier Head Assembly - Rear Axle
		V63025		82/	AR	Differential Carrier Head Assembly - Front Axle No-Spin
				82/	AR	Differential Carrier Head Assembly - Rear Axle Lock - See Lockable Differential Section 7
				82/	AR	Differential Carrier Head Assembly - Front Axle Lock - See Lockable Differential Section 7
1		V36047		82/	1	Plate - Cover
2		V36209	1860016	82/	1	Nut - Pinion Shaft End
3		V36045		82/	AR	Gasket - Axle Oil Pump - Replaces TR-36045
4		V36210		82/	1	Yoke & Mudslinger Assembly
5		V36206	1859983	82/	6	Screw - Cap Cage to Carrier
6		V36205	1860019	82/	6	Washer - Lock
		V36204	1860020	82/	1	Pinion Bearing Cage & Cups Assembly Includes: 7, 17 & 18
7		V36472		82/	1	Cage - Bearing - Serviced Under Part #36204
8		V36203	1859986	82/	AR	Shim - .003 Thick
		V36202	1859987	82/	AR	Shim - .005 Thick
		V36201	3977055	82/	AR	Shim - .010 Thick
		V36200	3977074	82/	AR	Shim - .020 Thick
		V36199	3977073	82/	AR	Shim - .030 Thick
9		V36207	3977059	82/	1	Cone - Pinion Bearing Outer
		V36196	3977081	82/	1	Cone - Pinion Bearing Inner
10		V36194	1859985	82/	1	Bearing - Pinion Inner
11		V36193	1859991	82/	1	Differential Carrier & Caps Assembly - No-Spin
12		V36191	1860028	82/	1	Cup - Differential Bearing R.H.
13		V36190	1860029	82/	1	Cone - Differential Bearing R.H.
14		V36192	1860030	82/	1	Adjuster - Differential Bearing R.H.
15		V36188	1860032	82/	2	Pin - Cotter Bearing Adjuster Lock
16		V36187	1860033	82/	4	Wire - Lock Bearing Cup Capscrew
17		V36471	1859982	82/	1	Cup - Pinion Bearing Inner - Serviced Under Part #36204
18		V36470	3977060	82/	1	Cup - Pinion Bearing Outer - Serviced Under Part #36204
		V57378		82/	1	Kit - Spacer - Replaces 57383, 57384 & 57385
20		V36189	1860031	82/	2	Lock - Differential Bearing R.H. & L.H.
21		V36176	1860000	82/	1	Cone - Differential Bearing L.H.
22		V36175	1860001	82/	1	Cup - Differential Bearing L.H.
23		V36174	1859999	82/	1	Adjuster - Differential Bearing L.H.
24		V36178	1860059	82/	16	Nut - Gear Support Case
25	NS	V36180		82/	1	Case - Differential Flange Half - See Kit
26		V26575	1860002	82/	16	Bolt - Gear Support Case
27		V47644	1860017	82/	1	Oil Seal & Retainer Assembly
28		V36197	1860023	82/	1	Spacer - Pinion Shaft Bearing
29		V613T131		82/	8	Screw - Cap Hex 5/8" - 11 UNC x 1-3/4"
		V12660	1859974	82/	4	Screw - Cap Hex 5/8" - 11 UNC x 2-1/4"
30		V12110		82/	12	Washer - Lock Helical Spring 5/8" ID
31		V99000225		82/	1	Gasket - Differential Housing - Replaces 36024
32		V36195	1860025	82/	1	Pinion & Gear - Matched Set Rear

AR - As Required
 NS - Not Serviced

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FIGURE 4A5 - DIFFERENTIAL CARRIER AND NO-SPIN 82



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FIGURE 4A5- DIFFERENTIAL CARRIER AND NO-SPIN 82
 DIFFERENZIAL TRÄGER UND NICHT-SPINNEN
 CARTER DE DIFFERENTIEL ET NON-TOURNOIEMENT
 CARTER DE DIFERENCIAL Y NO-GIRO

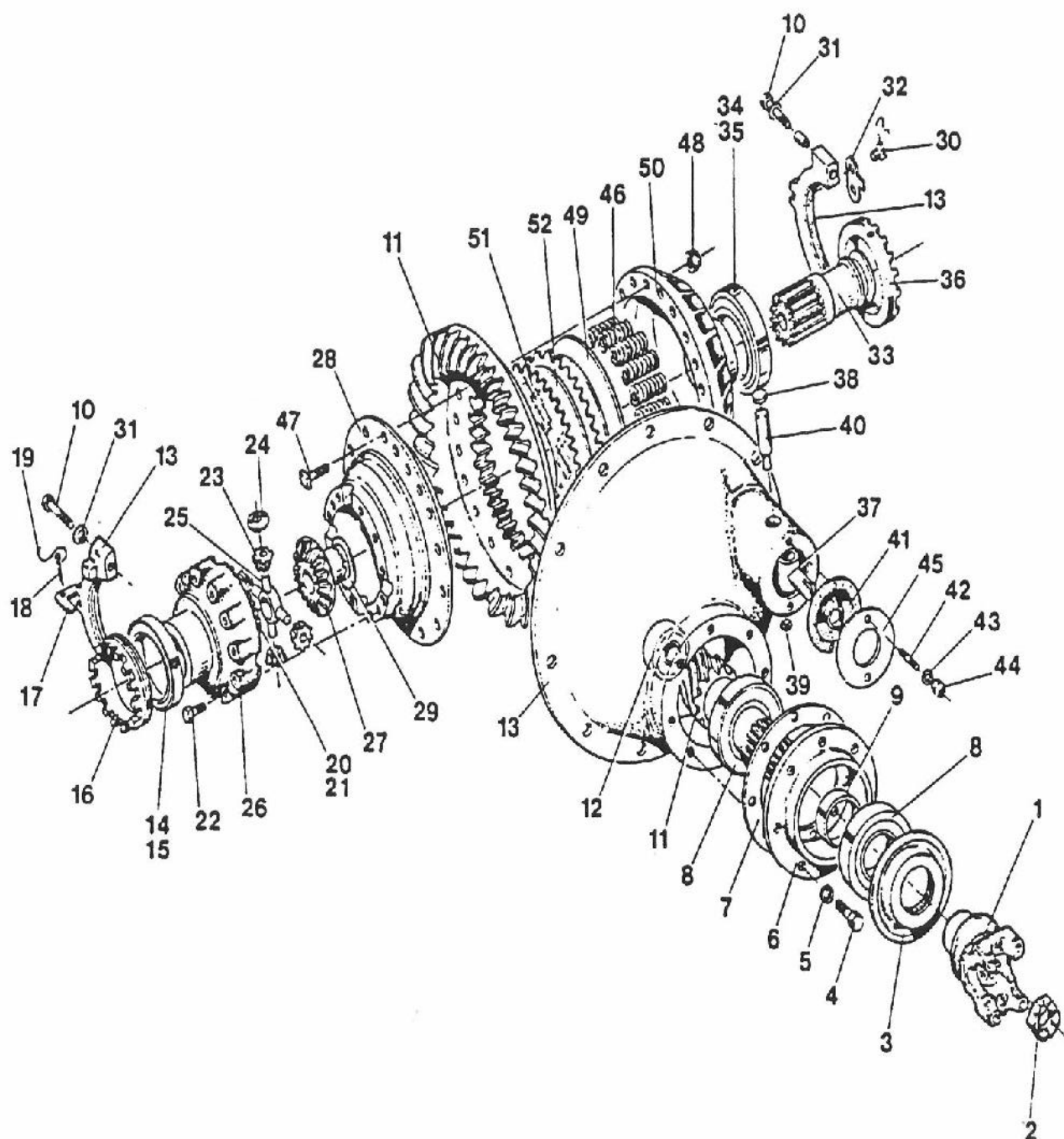
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
33		V36211	1860026	82/	1	Pinion & Gear - Matched Set Front
34		V36181		82/	1	Case - Differential Plain Half - See Kit #56966
35		V36184	1860036	82/	12	Screw - Cap - See Kit #56966
36	(1)	V47117	1860013	82/	1	Tube - Axle Breather Rear Axle
37	(1)	V36179	1860037	82/	1	Spider
38	(1)	V36182	1859992	82/	4	Washer - Side Pinion Thrust
39	(1)	V36183	1859993	82/	4	Side - Pinion
40	(1)	V36186	3977062	82/	2	Washer - Side Thrust Gear
41	(1)	V63868	1860035	82/	2	Gear - Side L.H. & R.H.
		V63872		82/	1	Clutch Assembly - No-Spin
42		V36413		82/	2	Gear - Side
43		V36412	1860005	82/	2	Retainer - Spring
44		V36411	1860006	82/	2	Spring
45		V36409		82/	1	Spider Assembly
46		V36410	1860007	82/	2	Clutch Member Assembly
47		V36271		82/	2	Fitting - Hose 1/4" Push-On Front Axle
		V47291		82/	2	Fitting - Hose 5/16" Push-On Rear Axle
48		V8864002		82/	1	Hose - Front Axle Vent - Replaces 36272
		V47290		82/	1	Hose - Rear Axle Vent
49		V36042	1860773	82/	1	Vent - 1/4" Differential Housing
50		V17497	3975992	82/	1	Elbow - Street 1/4" NPT Rear Axle
51		V36245		82/	1	Bracket - Axle Vent Front - Welded On Cab - Replaces TRA-36245
				82/	1	Bracket - Axle Vent Rear - Welded On Frame
52		V2747	3975860	82/	1	Strap - Plastic Tie - Replaces SW-2747
53		V12012	1860777	82/	8	Screw - Cap Hex 3/8" - 16 UNC x 3/4"
54		V12011	3975908	82/	8	Washer - Lock Helical Spring 3/8" ID
55		V50290		82/	1	Plug - Magnetic 3/4" NPT
56		V56761		82/	1	Clamp - Hose Differential Lock - Replaces TR-56761
		V56966	1859997	82/	AR	Kit Includes: 25, 33 & 34
		V57378	1860022	82/	1	Kit - Spacing Washer - Replaces TR-57378 Includes: 19

(1) - Kit Includes Items 36-40 - Items Available In Kit Only - Kit Part Number Not Available At Time Of Printing.

AR - As Required

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FIGURE 4A6 - DIFFERENTIAL CARRIER OPERATOR LOCKABLE 83-84



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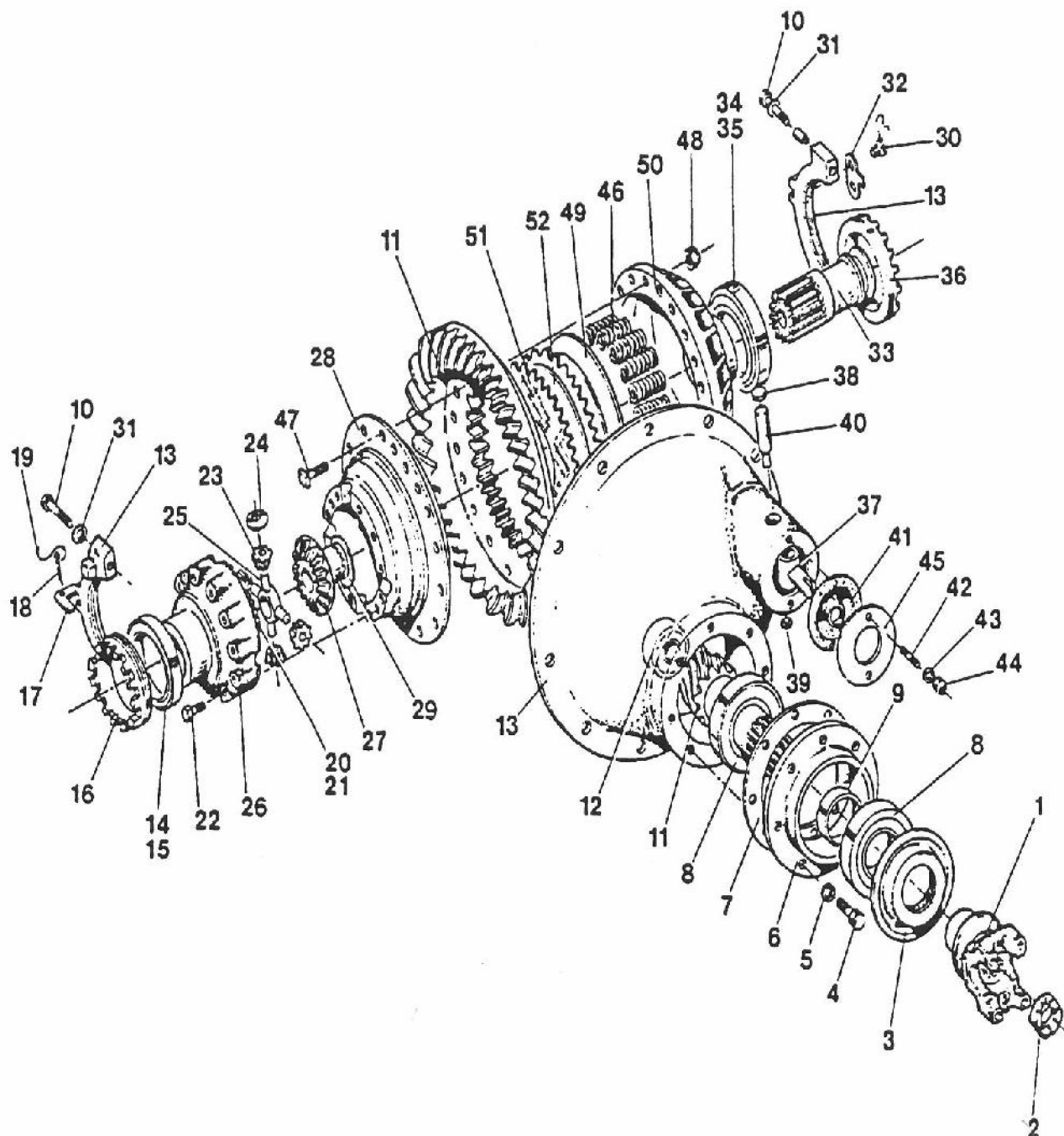
FIGURE 4A6- DIFFERENTIAL CARRIER OPERATOR LOCKABLE 83-84
 DIFFERENZIAL TRÄGER BEDIENTE-SPERREN
 CARTER DE DIFFERENTIEL ET SERRUREABLE PAR OPERATEUR
 CARTER DE DIFERENCIAL CERRADURABLE POR OPERADOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V72021		83-84/	1	Differential Carrier Head Assembly - Front Axle - L.H.
		V72022		83-84/	1	Differential Carrier Head Assembly - Rear Axle - R.H.
1		V612T147		83-84/	1	Yoke & Mudslinger Assembly
2		V49326	1862093	83-84/	1	Nut - Pinion Shaft End
3		V47643		83-84/	1	Oil Seal & Retainer Assembly
4		V50617		83-84/	6	Screw - Cap 9/16" - 12 UNC x 1-1/2" - Replaces 19556
5		V77320		83-84/	6	Washer - Lock
6		V77322		83-84/	1	Pinion Bearing Cage & Cups Assembly
7		V77323		83-84/	AR	Shim - .003
		V612T122		83-84/	AR	Shim - .005
		V612T123		83-84/	AR	Shim - .010
		V612T124		83-84/	AR	Shim - .020
		V120130		83-84/	AR	Shim - .020
	NS	V612T125		83-84/	AR	Shim - .030
8		V612T118		83-84/	2	Cone & Roller Assembly
9		V77324		83-84/	1	Kit - Spacer Pinion Shaft Bearing
10		V19553	1859994	83-84/	4	Screw - Cap
11		V77325		83-84/	1	Pinion & Gear - Front Matched Set
		V78991		83-84/	1	Pinion & Gear - Rear Matched Set
12		V612T117		83-84/	1	Bearing - Inner Pinion
13		V77326		83-84/	1	Differential Carrier & Caps Assembly
14		V612T109		83-84/	1	Cup - Differential Bearing R.H.
15		V612T110		83-84/	1	Cone - Differential Bearing R.H.
16		V77327		83-84/	1	Adjuster - Differential Bearing R.H.
17		V612T105	1859655	83-84/	1	Lock - Differential Bearing Adjuster R.H.
18		V12815	1859775	83-84/	1	Pin - Cotter 5/32" Dia x 1-1/4"
19		V17075	1859996	83-84/	2	Wire - Lock
20		V612T137	1859998	83-84/	1	Washer
21		V63871		83-84/	1	Gear - Differential Side
22		V612T141		83-84/	12	Screw - Cap Differential Case
23		V77330		83-84/	4	Pinion - Differential Side
24		V17069	3977163	83-84/	4	Washer - Side Pinion Thrust
25		V77329		83-84/	1	Spider - Differential
26		V77328		83-84/	1	Case - Differential Plain Half
27		V77331		83-84/	1	Clutch - Differential & Curvic
28				83-84/	1	Gear - Differential Support Case
29		V77333		83-84/	1	Washer - Side Gear Thrust
30		V57450	1860040	83-84/	2	Screw - Cap
31		V19557	1859995	83-84/	4	Washer - Flat
32		V77334		83-84/	1	Adjuster - Differential Lock L.H.
33		V77335		83-84/	1	Clutch - Sliding Curvic
34		V17081		83-84/	1	Cone - Differential Bearing L.H.
35		V17082		83-84/	1	Cup - Differential Bearing L.H.
36		V77336		83-84/	1	Adjuster - Differential Bearing L.H.

AR - As Required
 NS - Not Serviced

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FIGURE 4A6 - DIFFERENTIAL CARRIER OPERATOR LOCKABLE 83-84

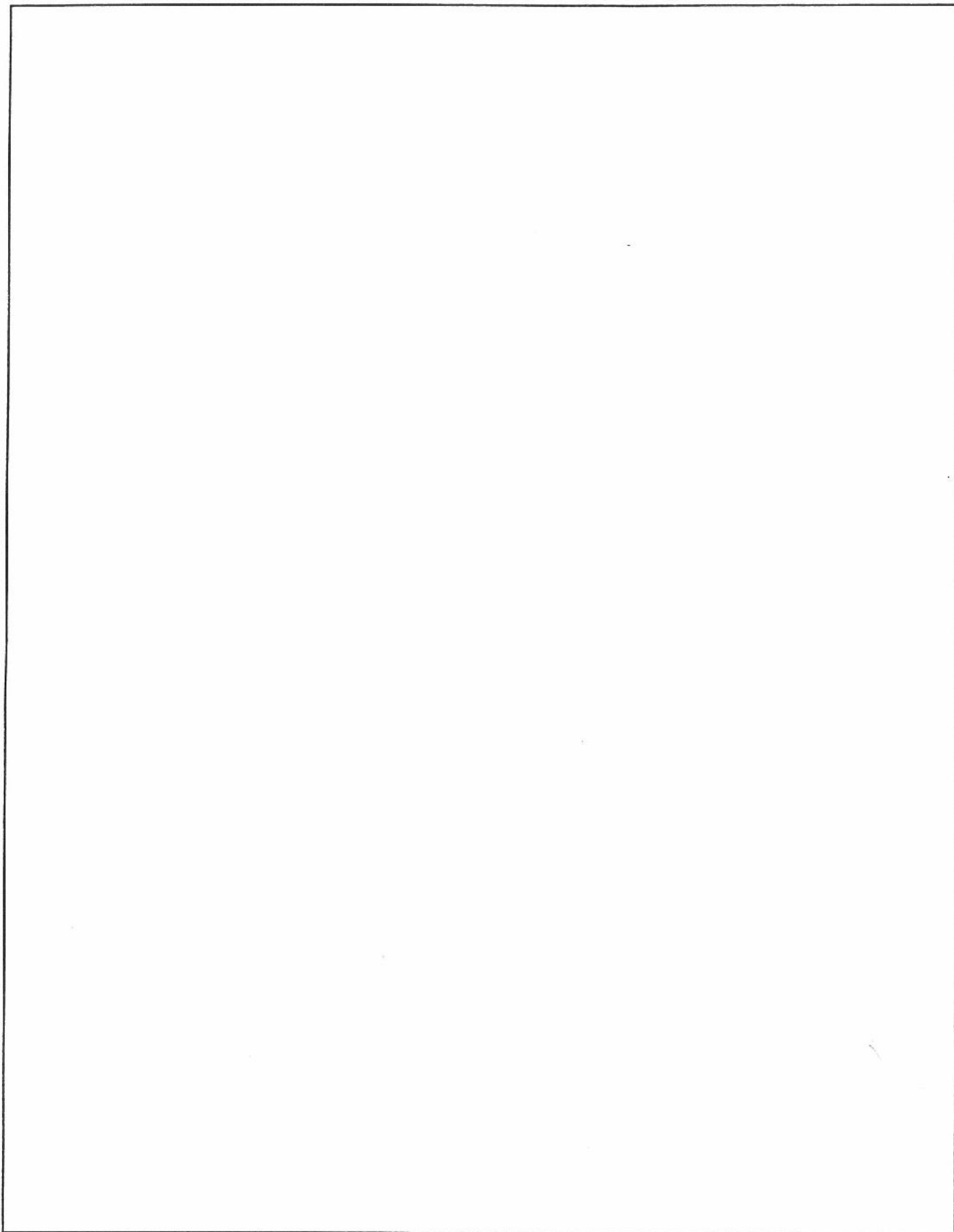


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FIGURE 4A6- DIFFERENTIAL CARRIER OPERATOR LOCKABLE 83-84
 DIFFERENZIAL TRÄGER BEDIENTE-SPERREN
 CARTER DE DIFFERENTIEL ET SERRUREABLE PAR OPERATEUR
 CARTER DE DIFERENCIAL CERRADURABLE POR OPERADOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
37		V77337		83-84/	1	Shift Fork Pin Assembly
38		V17084		83-84/	1	Plug - Expansion Upper Shift Fork Shaft Hose
39		V57458	1860049	83-84/	1	Plug - Expansion Lower Shift Fork Shaft Hose
40		V57459	1860050	83-84/	1	Shaft - Shift Fork
41		V57460	1860051	83-84/	1	Seal - Shift Fork & Clamping Spring
42		V57461	1860052	83-84/	2	Stud
43		V57462	1860053	83-84/	2	Washer
44		V57463	1860054	83-84/	2	Nut - Lock
45		V77338		83-84/	1	Cover - Shift Fork
46		V77512		83-84/	12	Spring - Compression
47		V77513		83-84/	16	Bolt - Gear to Case
48		V77514		83-84/	16	Nut - Lock
49		V77515		83-84/	1	Plate - Pressure
50		V77516		83-84/	1	Support - Differential & Gear
51		V77517		83-84/	12	Plate - Friction Splined OD
52		V78028		83-84/	13	Plate - Friction Splined ID
		V78646		83-84/	1	Kit - Differential Spider & Side Gear Includes: 21, 22, 24-26, 28 & 30

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SECTION 5 - HYDRAULIC SYSTEM
SEKTION 5 - HYDRAULIK SYSTEM
SECTION 5 - SYSTME HYDRAULIQUE
SECCION 5 - SISTEMA HIDRULICO

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
5A1	Steering And Implement System 81-84 Lenkung und Anbaugerät System Système de Direction et Instrument Sistema de Dirección y Herramienta	5-5,5-7	
5A2	Steering And Implement System - 80 Lenkung und Anbaugerät System Système de Direction et Instrument Sistema de Dirección y Herramienta	5-9,5-11	
5A3	Steering And Implement System 78-79 Lenkung und Anbaugerät System Système de Direction et Instrument Sistema de Dirección y Herramienta	5-13,5-15	
5B1	Implement Valve 81-84 Anbaugerät-Ventil Soupape de Instrument Válvula de Herramienta	5-17,5-19, 5-21	
5B2	Implement Valve 78-80 Anbaugerät-Ventil Soupape de Instrument Válvula de Herramienta	5-23,5-25,5-27	
5C1	Hydraulic Couplers - 84 Hydraulische Schellöse-Kupplung Accouplements Hydraulique Acopladores Hidraulica	5-29	
5C2	Hydraulic Couplers - 83 Hydraulische Schellöse-Kupplung Accouplements Hydraulique Acopladores Hidraulica	5-31	
5C3	Hydraulic Couplers 81-83 Hydraulische Schellöse-Kupplung Accouplements Hydraulique Acopladores Hidraulica	5-33	
5D1	Hydraulic Control Console Hydraulische Steuerkonsole Commandes de Console Hydraulique Tablero de Control Hidraulica	5-35	
5E1	Hydraulic Tank And Mounting Hydraulische Behälter und Montage Réservoir Hydraulique et Montage Tanque Hidraulica y Montaje	5-37	
5F1	Hydraulic Systems Filters Hydraulisches System Filter Filtres de Système Hydraulique Filtros de Sistema Hidráulico	5-39	

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SECTION 5 - HYDRAULIC SYSTEM
SEKTION 5 - HYDRAULIK SYSTEM
SECTION 5 - SYSTME HYDRAULIQUE
SECCION 5 - SISTEMA HIDRULICO

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
5G1	Hydraulic Circuit 80-84 Hydraulische Kreislaufr Circuit Hydraulique Circuito Hidraulicos	5-41	
5G2	Hydraulic Circuit 78-79 Hydraulische Kreislaufr Circuit Hydraulique Circuito Hidraulicos	5-43	
5H1	Proportionator Proportioner Proportionateur Proporcionador	5-45	
5J1	Transmission Lubrication System Getriebe Schmierung System Système de Graissage de Transmission Sistema de Engrase de Transmisión	5-47, 5-49	
5J2	Transmission Lubrication System Left-Side PTO Getriebe Schmierung System - Zapfwelle Linkseite Système de Lubrification de Transmission - Prise de Force Cté Gauche Sistema de Lubrificación de Transmisión - Toma de Fuerza Lateral Izquierda	5-51	
5J3	Transmission Lubrication System Right-Side PTO Getriebe Schmierung System - Zapfwelle Rechtseite Système de Lubrification de Transmission - Prise de Force Cté Droit Sistema de Lubrificación de Transmisión - Toma de Fuerza Lateral Derecha	5-53, 5-55	
5K1	Transmission Lubrication Pump S1 Getriebe Schmierungpumpe Pompe de Graissage de Transmission Bomba de Engrase de Transmisión	5-57	
5K2	Transmission Lubrication Pump S2 Getriebe Schmierungpumpe Pompe de Graissage de Transmission Bomba de Engrase de Transmisión	5-59	
5L1	Depth Control Tiefeneinstellung Dispositif de Terrage Ajuste de la Profundidad	5-61, 5-63	
5M1	Depth Control Valve Tiefeneinstellung Ventil Soupape de Dispositif de Terrage Válvula de Ajuste de la Profundidad	5-65, 5-67	
5N1	Three Point Hitch 80-84 Dreipunkt Anschlag Attelage en Trois Points Enganche en Tres Puntos	5-69	

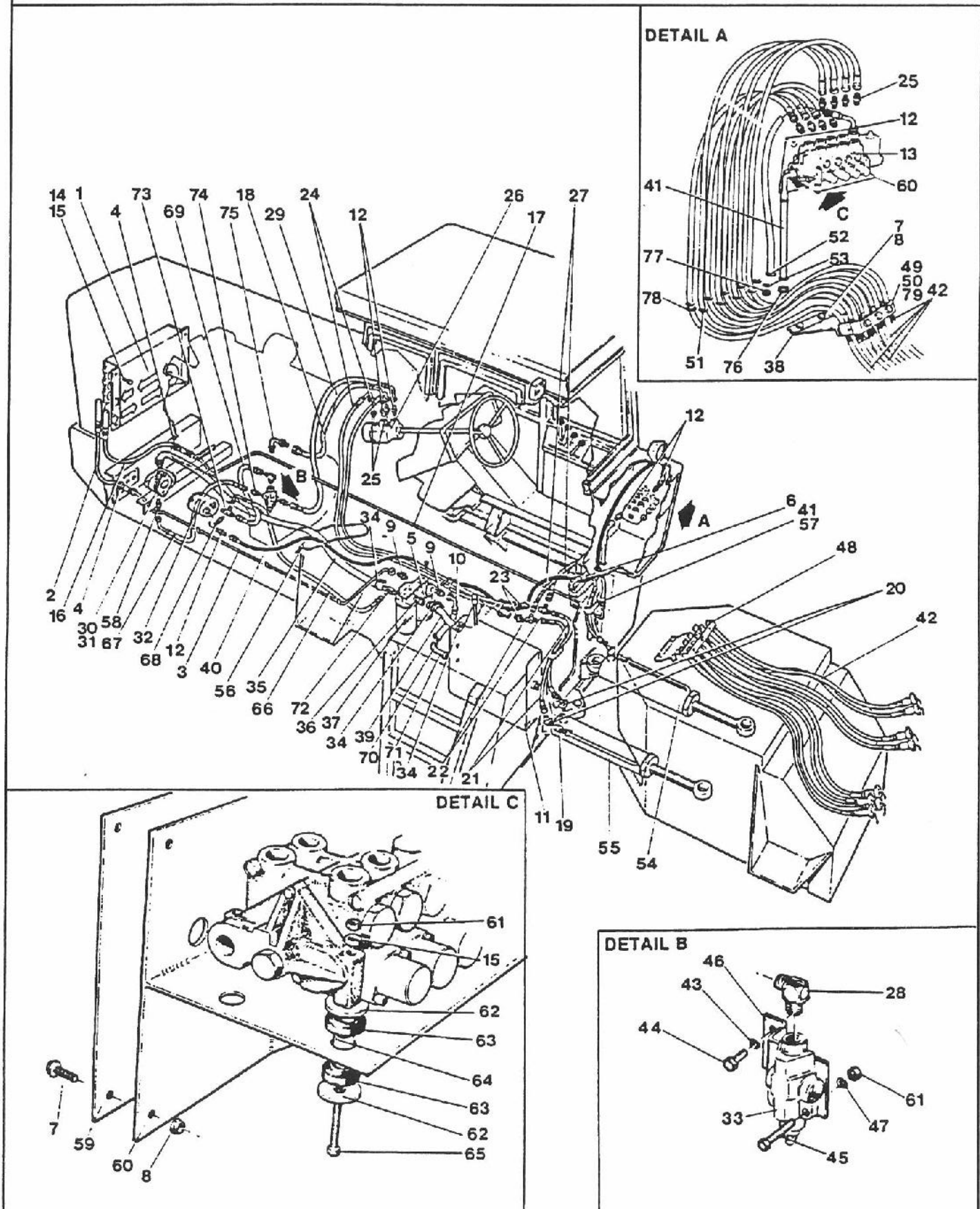
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SECTION 5 - HYDRAULIC SYSTEM
SEKTION 5 - HYDRAULIK SYSTEM
SECTION 5 - SYSTME HYDRAULIQUE
SECCION 5 - SISTEMA HIDRULICO

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
5N2	Three Point Hitch 78-79 Dreipunkt Anschub Attelage en Trois Points Enganche en Tres Puntos	5-71,5-73	
5N3	Three Point Hitch w/PTO 78-79 Dreipunkt Anschub mit Zapfwelle Attelage en Trois Points avec Prise de Force Enganche en Tres Puntos con Toma de Fuerza	5-75,5-77	
5O1	Three Point Hitch Cylinder 80-84 Dreipunkt Anschub Zylinder Cylindre de Attelage en Trois Points Cilindro de Enganche en Tres Puntos	5-79	
5P1	Lift And Top Links 80-84 Hub und Obergelenk Relevage et Articulation Supérieure Elevador y Articulación Superior	5-81	
5P2	Lift And Top Links 78-79 Hub und Obergelenk Relevage et Articulation Supérieure Elevador y Articulación Superior	5-83	
5R1	Quick Hitch Schnellöse Anhängerkupplung Crochet Automatique Enganche Rápido	5-85	
5S1	Control Circuit Differential Lock Steuer-Kreislauf Differential-Sperre Blocage de Différentiel de Circuit de Commande Bloqueador del Diferencial de Circuito de Control	5-87,5-89	

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FIGURE 5A1 - STEERING AND IMPLEMENT SYSTEM 81-84



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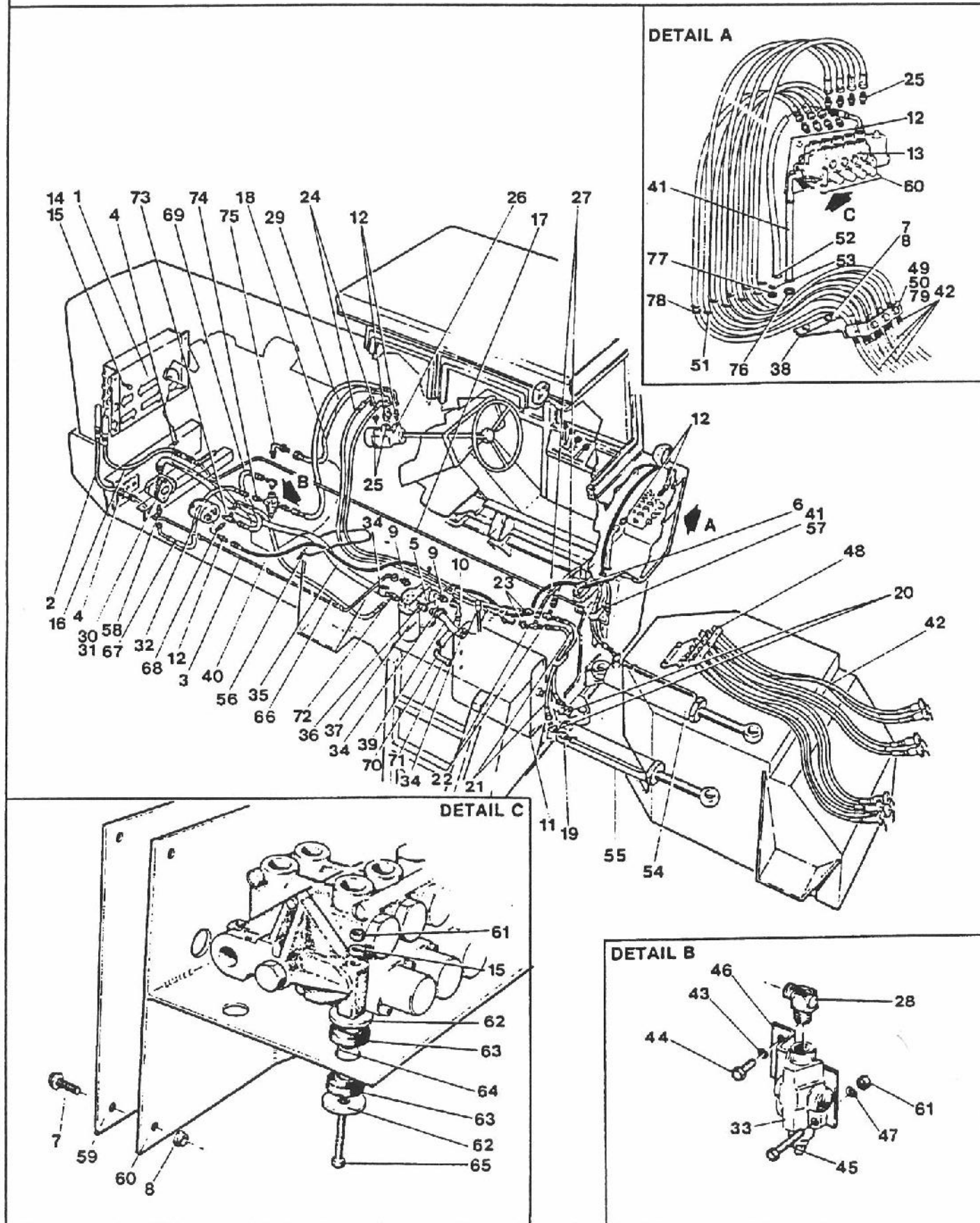
FIGURE 5A1 - STEERING AND IMPLEMENT SYSTEM 81-84
LENKUNG UND SYSTEM ANBAUGERÄT
DIRECTION ET SYSTÈME DE INSTRUMENT
DIRECCION Y SISTEMA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V41714		81-84/	1	Cooler - Double Oil
2		V36602		81-84/	1	Hose Assembly - 100 R1-1" ID
3		V48181		81-84/	1	Tube Assembly - Cooler Outlet
4		V36609		81-84/	2	Grommet - 1-1/2" ID
5				81-84/	AR	Filter - Return - See Hydraulic System Filters This Section
6		V8852001		81-84/	1	Trim - Protective - Replaces 30163
7		V29893	3975615	81-84/	6	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 1" - Replaces 29893P
8		V29803	3975610	81-84/	6	Nut - Flange 3/8" - 16 UNC - Replaces 29803P
9		V30129		81-84/	2	Connector
10		V53069		81-84/	1	Hose Assembly - 100 R1-1" ID
11				81-84/	AR	Tank - Hydraulic Oil - See Hydraulic Oil Tank Mounting This Section
12		V15670	3975980	81-84/	5	Connector
13				81-84/	AR	Valve - Implement Control - See Implement Valve This Section
14		V12579	1861601	81-84/	4	Screw - Cap 5/16" - 18 UNC x 1/2" - Replaces 12579P
15		V12087	1861067	81-84/	4	Washer - Lock Helical Spring 5/16" ID - Replaces 12087P
16		V36601		81-84/	1	Hose Assembly - 100 R1-1"
17		V63662		81-84/	1	Tube Assembly - Cooler Inlet - Replaces 36549
18		V50587		81-84/	1	Hose Assembly - 100 R1-3/4"
19		V17386	3977066	81-84/	2	Connector
20		V17387	1860072	81-84/	4	Connector
21		V15681		81-84/	2	Hose Assembly - 100 R2-3/8"
22		V15679		81-84/	2	Tee
23		V15678		81-84/	2	Connector
24		V18952		81-84/	2	Hose Assembly - 100 R2-1/2"
25		V15673	1860391	81-84/	10	Connector
26				81-84/	AR	Valve - Steering - See Steering Valve This Section
27		V15680		81-84/	2	Hose Assembly - 100 R2-3/8"
28		V30104		81-84/	1	Tee - 37" Flare Straight w/O-Ring
29		V50588		81-84/	1	Hose - 100 R9-3/4"
30				81-84/	AR	Pump Assembly - Front 2.16 CID - See Steering Pump This Section
31		V96052	1860093	81-84/	1	Gasket - SAE B Mounting
32				81-84/	AR	Pump Assembly - Rear 1.73 CID - See Implement Pump This Section
33		V56034	1860089	81-84/	1	Valve - Relief Pilot Operated
34		V609T144	1860071	81-84/	8	Clamp - #32 Hose
35		V48179		81-84/	1	Hose - 100 R4-1-1/2"
36		V48178		81-84/	1	Hose - End
37				81-84/	AR	Filter - Suction - See Hydraulic Systems Filters This Section
38		V41864		81-84/	1	Mounting - Plate
39		V48177		81-84/	1	Hose - 100 R4-1-1/2"
40		V50586		81-84/	1	Hose Assembly - 100 R9-3/4"
41		V36600		81-84/	1	Hose Assembly - 100 R1-3/4"
42		V50768		81-84/	8	Hose Assembly - 100 R2-1/2"

AR - As Required

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FIGURE 5A1 - STEERING AND IMPLEMENT SYSTEM 81-84



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FIGURE 5A1 - STEERING AND IMPLEMENT SYSTEM 81-84
LENKUNG UND SYSTEM ANBAUGERÄT
DIRECTION ET SYSTÈME DE INSTRUMENT
DIRECCION Y SISTEMA DE HERRAMIENTA

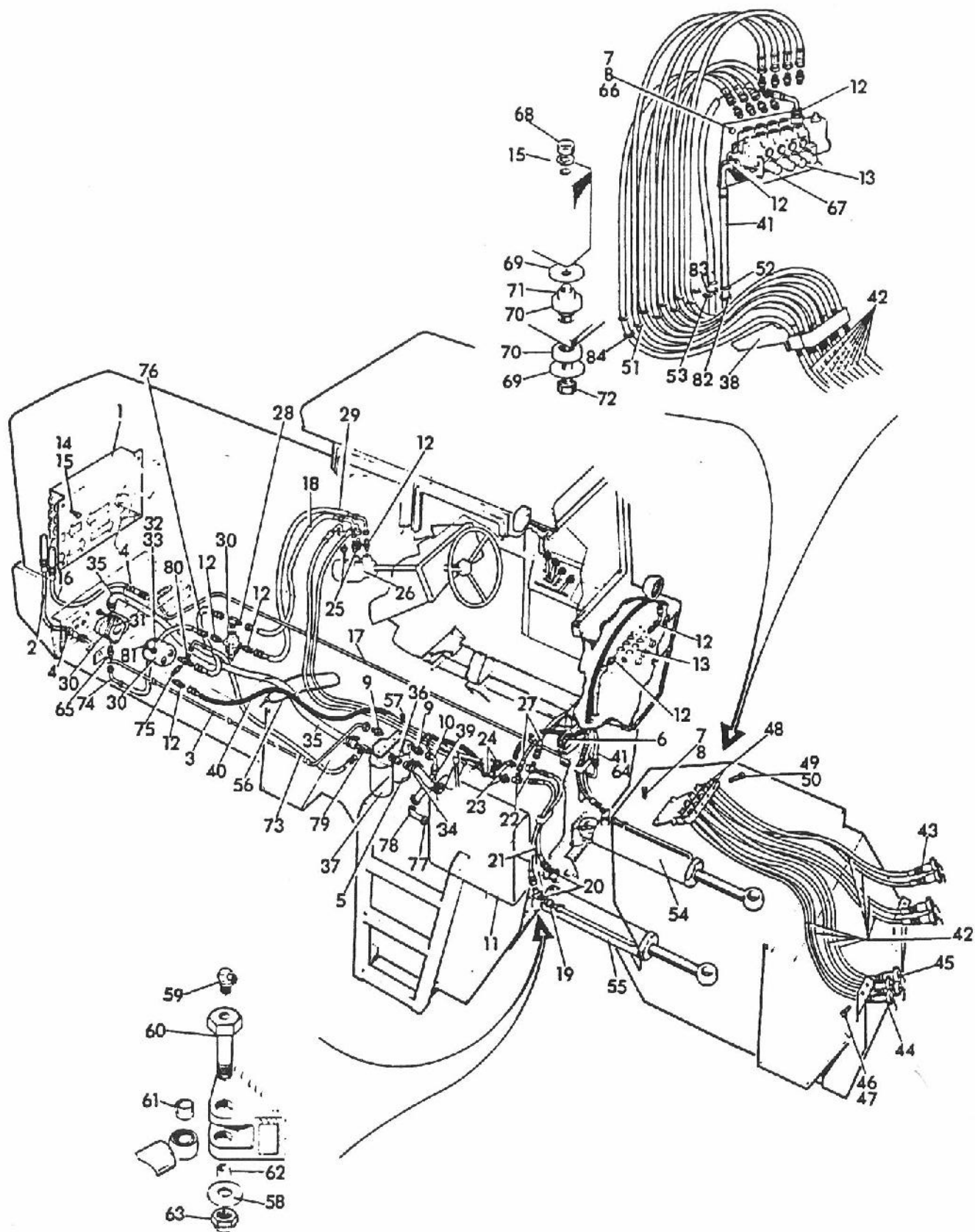
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
43		V12011	3975908	81-84/	2	Washer - Lock Helical Spring 3/8" ID
44		V50072		81-84/	2	Screw - Cap Hex 3/8" - 24 UNC x 3/4"
45		V12538	1860077	81-84/	2	Screw - Cap Hex 5/16" - 18 UNC x 3/4"
46		V60056	1860075	81-84/	1	Bracket - Relief Valve Mounting
47		V86241	3977776	81-84/	2	Washer - Lock Internal Tooth 5/16" ID - Replaces 12897
48		V41863		81-84/	2	Clamp - Hose
49		V12222	1861371	81-84/	3	Screw - Cap Grade 5 5/16" - 18 UNC x 3-1/4" - Replaces 12222P
50		V29991	3975622	81-84/	3	Nut - Flange 5/16" - 18 UNC - Replaces 29991P
51		V35520	1860652	81-84/	6	Grommet
52		V35522	1861009	81-84/	2	Grommet
53		V35521	1861854	81-84/	4	Grommet
54				81-84/	AR	Cylinder - Steering Right - See Steering Cylinders This Section
55				81-84/	AR	Cylinder - Steering Left - See Steering Cylinders This Section
56		V30267	3975628	81-84/	1	Strap - Tie
57		V36608		81-84/	2	Cap - 37° Flare #12 JIC
58		V16338	3975985	81-84/	1	Connector
59		V41890		81-84/	1	Spacer - Valve Plate & Cab
60		V41892		81-84/	1	Plate - Valve Mounting
61		V12094	3975922	81-84/	5	Nut - Hex 5/16" - 18 UNC - Replaces 12094P
62		V13200		81-84/	6	Washer - Plain 13/32" ID x 1-5/8" OD x 14 GA - Replaces 13200P
63		V15578		81-84/	6	Bushing - .69 ID x 1.38 OD
64		V29993		81-84/	3	Spacer - Valve Mounting
65		V12646		81-84/	3	Screw - Cap 5/16" - 18 UNC x 3-1/2" - Replaces 12646P
66		V50613		81-84/	1	Hose Assembly - 100 R1 x 1/2"
67		V50589		81-84/	1	Hose - 100 R9 - 3/4"
68		V56526		81-84/	1	Switch - Temperature Hydraulic Oil
69		V50590		81-84/	1	Hose Assembly - 100 R1 - 3/4"
70		V20387		81-84/	1	Clamp - Hose
71		V53070		81-84/	1	Insert - 90° 1" Dia.
72		V55883		81-84/	1	Fitting - Suction
73		V56525		81-84/	1	Tee - Special Straight Run Complete w/O-Ring
74		V30128		81-84/	2	Connector
75		V36037		81-84/	1	Adaptor - 90° Bent Stem Male Female Swivel 37° Flare
76		V57603		81-84/	1	Clamp - Hose Plastic 1-1/8"
77		V58027		81-84/	1	Clamp - Hose Plastic 1-1/4"
78		V57602		81-84/	AR	Clamp - Hose Plastic SNP 18 - Type A
		V58026		81-84/	AR	Clamp - Hose Plastic SNP 16 - Type A
		V58176		81-84/	AR	Clamp - Hose Plastic SNP 20 - Type AT
		V58177		81-84/	AR	Clamp - Hose Plastic SNP 22 - Type AT
79	(1)	V14852		83-84/	3	Washer - Plain 3/8" ID x 7/8" OD x 14 GA - Replaces 14852P

(1) - ASN 83036768

AR - As Required

835 TRACTOR

FIGURE 5A2 - STEERING AND IMPLEMENT SYSTEM - 80



835 TRACTOR

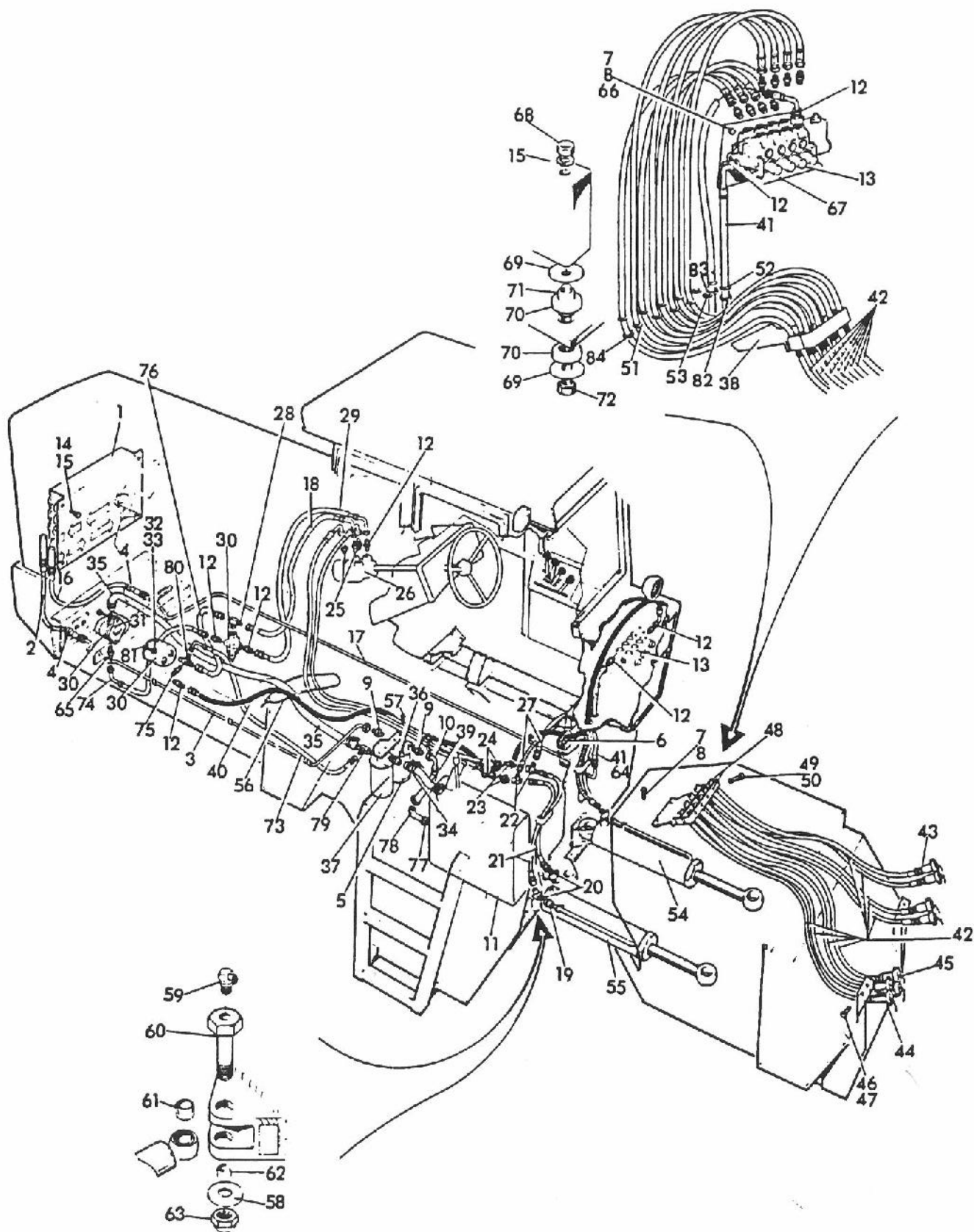
FIGURE 5A2 - STEERING AND IMPLEMENT SYSTEM - 80
 LENKUNG UND SYSTEM ANBAUGERÄT
 DIRECTION ET SYSTÈME DE INSTRUMENT
 DIRECCION Y SISTEMA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V41714		80/	1	Cooler - Double Oil
2		V36602		80/	1	Hose Assembly - 100 R1 - 1.0" ID
3		V48181		80	1	Tube Assembly - Cooler Outlet
4		V36609		80	2	Grommet - 1-1/2" ID
5		V36098		80/	AR	Filter - Return - See Hydraulic System Filters This Section
6		V8852001		80/	1	Trim - Protective - Replaces 30163
7		V29893	3975615	80/	2	Bolt - 3/8" 16 UNC x 1.0" Long - Replaces 29893P
8		V29803	3975610	80/	2	Nut - 3/8" 16 UNC - Replaces 29803P
9		V30129		80/	2	Connector
10		V53069		80/	1	Hose Assembly - 100 R1 - 1.0" ID
11				80/	AR	Mounting - Hydraulic Oil Tank - See Hydraulic Oil Tank Mounting This Section
12		V15670	3975980	80/	7	Connector
13		V60362		80/	AR	Valve - Implement Control - See Implement Valve This Section - Replaces 56262
14		V12579	1861601	80/	4	Bolt - 5/16" 18 UNC x .50 Long - Replaces 12579P
15		V12087	1861067	80/	4	Washer - Lock 5/16" - Replaces 12087P
16		V36601		80/	1	Hose Assembly - 100 R1
17		V63662		80/	1	Tube Assembly - Cooler Inlet - Replaces 36549
18		V50587		80/	1	Hose Assembly - 100 R1 - .75
19		V17386	3977066	80/	2	Connector
20		V17387	1860072	80/	4	Connector
21		V15681		80/	2	Hose Assembly - 100 R2 - .375
22		V15679		80/	2	Tee
23		V15678		80/	2	Connector
24		V18952		80/	2	Hose Assembly - 100 R2 - .50
25		V15673	1860391	80/	10	Connector
26		V56036		80/	AR	Valve - Steering - See Steering Valve 4 - Line This Section
27		V15680		80/	2	Hose Assembly - 100 R2 - .375
28		V47852		80/	1	Tee
29		V50588		80/	1	Hose - 100 R9 - .75
30				80/	AR	Pump - Hydraulic Oil & Relief Valve Assembly - See Steering Implement Pump & Cylinders This Section
31		V96052	1860093	80/	1	Gasket - SAE B Mounting
32		V12081		80/	2	Bolt - 1/2" 13 UNC x 1.75 Long - Replaces 12081P
33		V12007	3975906	80/	2	Washer - Lock 1/2" - Replaces 12007P
34		V609T144	1860071	80/	8	Clamp - #32 Hose
35		V48179		80/	1	Hose - 100 R4 - 1.50
36		V48178		80/	1	End - Hose - Replaces TR-48178
37		V16321		80/	AR	Filter - Suction - See Hydraulic System Filters This Section
38		V41864		80/	1	Mounting - Plate

AR - As Required

835 TRACTOR

FIGURE 5A2 - STEERING AND IMPLEMENT SYSTEM - 80



835 TRACTOR

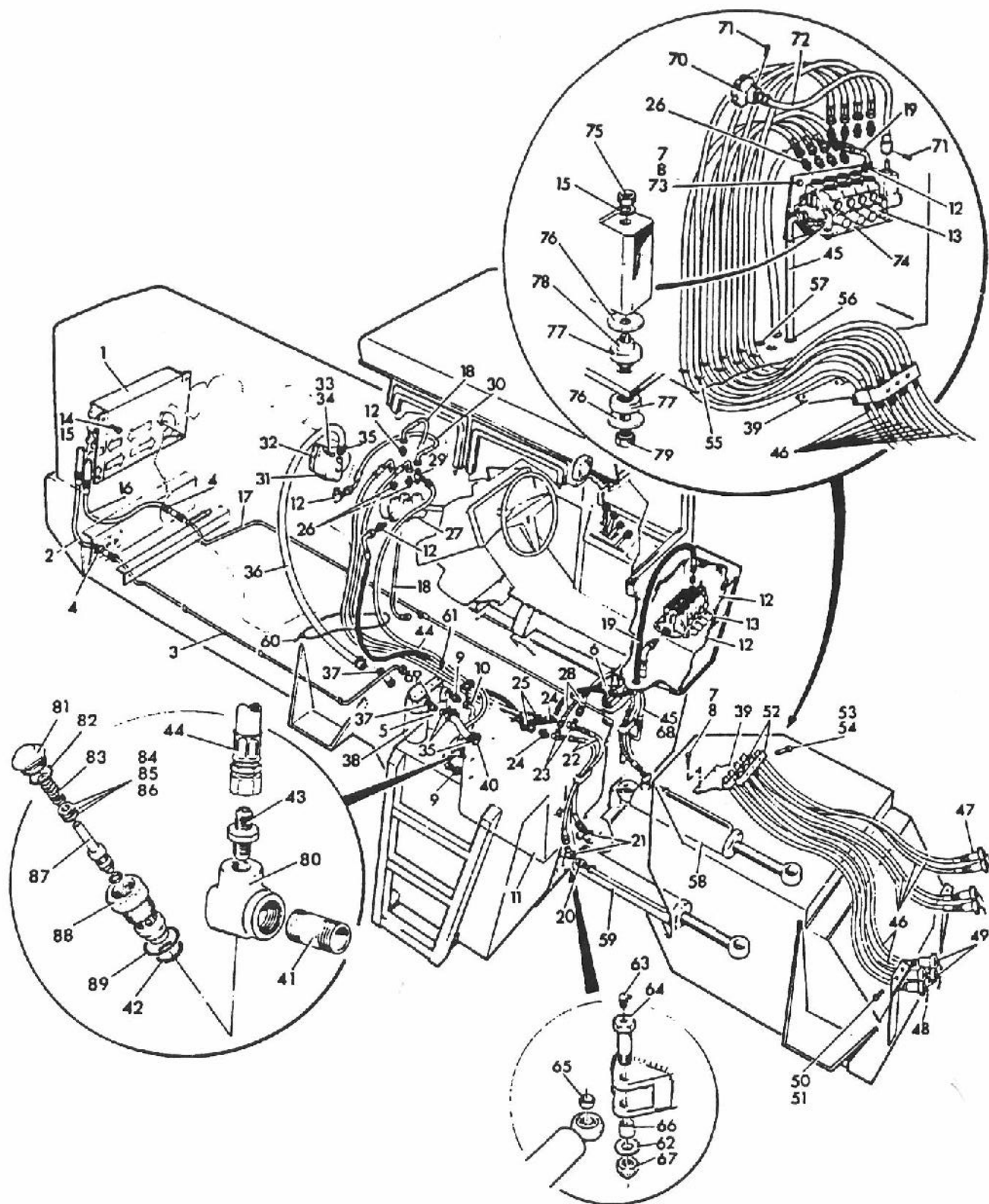
FIGURE 5A2 - STEERING AND IMPLEMENT SYSTEM - 80
LENKUNG UND SYSTEM ANBAUGERÄT
DIRECTION ET SYSTÈME DE INSTRUMENT
DIRECCION Y SISTEMA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
39		V48177		80/	1	Hose - 100 R4 - 1.50
40		V50586		80/	1	Hose Assembly - 100 R9 - .75
41		V36600		80/	1	Hose Assembly - 100 R1 - .75
42		V50618		80/	8	Hose Assembly - 100 R2 - .50
43		V17640		80/	8	Coupler - Body Half
44		V17644		80/	4	Clamp - Breakaway
45		V17642		80/	8	Plug - Dust
46		V12008	1859824	80/	3	Bolt - 1/2" NC x 1-1/2" - Replaces 12008P
47		V12075		80/	6	Nut - 1/2" NC - Replaces 12075P
48		V41863		80/	2	Clamp - Hose - Replaces TR-41863
49		V12222	1861371	80/	3	Bolt - 5/16" 18 NC x 3.25
50		V29991	3975622	80/	3	Nut - 5/16" 18 NC - Replaces 29991P
51		V35520	1860652	80/	6	Grommet
52		V35522	1861009	80/	3	Grommet
53		V35521	1861854	80/	4	Grommet
54		V25569		80/	AR	Cylinder - Steering Right - See Steering Implement Pump & Cylinders This Section - Replaces TRA25569
55		V25570		80/	AR	Cylinder - Steering Left - See Steering Implement Pump & Cylinders This Section - Replaces TRA125570
56		V30267	3975628	80/	1	Strap - Tie
57		V29892	3975613	80/	4	Bolt - Hex Serrated Washer 3/8" x 3/4" UNC - Replaces 29892P
58		V13569		80/	4	Washer - Flat 1-1/4"
59		V8005	3975896	80/	4	Fitting - Grease - Replaces CR-8005
60		V23692		80/	4	Pin - Steering Cylinder - Replaces TRA-23692
61		V23595		80/	4	Spacer - Upper - Replaces TR-23595
62		V23632		80/	4	Spacer - Lower - Replaces TR-23632
63		V23941		80/	4	Nut - Self Locking 1-1/4" NF
64		V36608		80/	1	Cap - 37° Flare
65		V16338	3975985	80/	1	Connector
66		V41890		80/	1	Spacer - Valve Plate & Cab
67		V41892		80/	1	Plate - Mounting Valve - Replaces TRA-41892
68		V12094	3975922	80/	3	Nut - 6/16" 18 UNC - Replaces 12094P
69		V13200		80/	6	Washer - Flat - Replaces 13200P
70		V15578	1860467	80/	6	Bushing - .69 ID x 1.38 OD
71		V29993		80/	3	Spacer - Valve Mounting - Replaces TR-29993
72		V12646	3975952	80/	3	Bolt - 5/16" 18 UNC x 3.50 - Replaces 12646P
73		V50613		80/	1	Hose Assembly - 100 R1 - .3
74		V50589		80/	1	Hose - 100 R9 - .75
75		V56526		80/	1	Switch - Temperature Hydraulic Oil Temperature
76		V50590		80/	1	Hose Assembly - 100 R1 - .75
77		V20387		80/	1	Clamp - Hose
78		V53070		80/	1	Insert - 90° 1.0 Dia.
79		V55883		80/	1	Fitting - Suction
80		V56525		80/	1	Tee - Special Straight Run w/O-Ring
81		V23283		80/	1	Gasket - SAE A Mounting
82		V58027		80/	1	Clamp - Hose Plastic 13/16"
83		V57603		80/	1	Clamp - Hose Plastic 1-1/8"
84		V57602		80/	8	Clamp - Hose 7/8"

AR - As Required

835 TRACTOR

FIGURE 5A3 - STEERING AND IMPLEMENT SYSTEM 78-79



835 TRACTOR

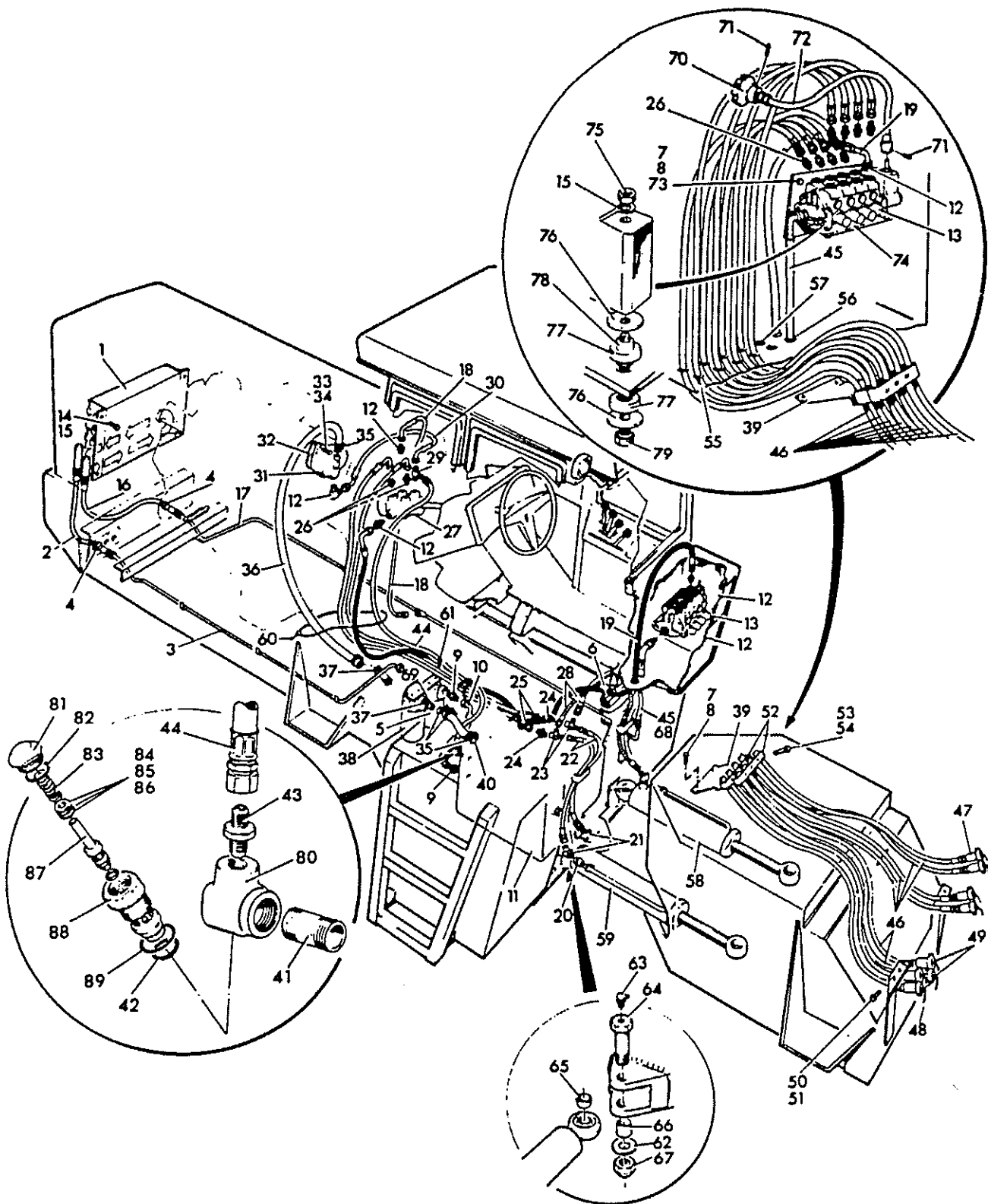
FIGURE 5A3 - STEERING AND IMPLEMENT SYSTEM 78-79
 LENKUNG UND SYSTEM ANBAUGERÄT
 DIRECTION ET SYSTÈME DE INSTRUMENT
 DIRECCIÓN Y SISTEMA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V41714		78-79/	1	Cooler - Double Oil
2		V36602		78-79/	1	Hose Assembly - 100 R1 - 1.0" ID
3		V48181		78-79/	1	Tube Assembly - Cooler Outlet
4		V36609		78-79/	2	Grommet - 1-1/2" ID
5		V36098		78-79/	AR	Filter - Return - See Hydraulic System Filters This Section
6		V8852001		78-79/	1	Trim - Protective - Replaces 30163
7		V29893	3975615	78-79/	2	Bolt - 3/8" 16 NC x 1.0" Long - Replaces
8		V29803	3975610	78-79/	2	Nut - 3/8" 16 NC - Replaces 29803P
9		V30129		78-79/	3	Connector
10		V30158		78-79/	1	Hose Assembly - 100 R1 - .75
11				78-79/	AR	Mounting - Hydraulic Oil Tank - See Hydraulic Oil Tank Mounting This Section
12		V16338	3975985	78-79/	4	Connector
13				78-79/	AR	Valve - Implement Control - See Implement Valve This Section
14		V12579	1861601	78-79/	4	Bolt - 5/16" 18 NC x .50 Long - Replaces
15		V12087	1861067	78-79/	6	Washer - Lock 5/16" - Replaces 12087P
16		V36601		78-79/	1	Hose Assembly - 100 R1
17		V63662		78-79/	1	Tube Assembly - Cooler Inlet - Replaces
18		V30136		78-79/	1	Hose Assembly - 100 R1 - .75
19		V41861		78-79/	1	Hose Assembly - 100 R3 - .75
20		V17386	3977066	78-79/	2	Connector
21		V17387	1860072	78-79/	4	Connector
22		V15681		78-79/	2	Hose Assembly - 100 R2 - .375
23		V15679		78-79/	2	Tee
24		V15678		78-79/	2	Connector
25		V18952		78-79/	2	Hose Assembly - 100 R2 - .50
26		V15673	1860391	78-79/	10	Connector
27		V53616		78-79/	AR	Valve - Steering - See Steering Valve 5-Line This Section
28		V15680		78-79/	2	Hose Assembly - 100 R2 - .375
29		V30104		78-79/	1	Tee
30		V30149		78-79/	1	Hose - 100 R9 - .75
31		V56688		78-79/	AR	Pump - Hydraulic Oil - See Steering Implement Pump & Cylinders This Section - Replaces
32		V96052	1860093	78-79/	1	Gasket - SAE B Mounting - Replaces 17805
33		V12081		78-79/	2	Bolt - 1/2" 13 NC x 1.75 Long - Replaces
34		V12007	3975906	78-79/	2	Washer - Lock 1/2" - Replaces 12007P
35		V609T144	1860071	78-79/	8	Clamp - #32 Hose
36		V48179		78-79/	1	Hose - 100 R4 - 1.50
37		V48178		78-79/	2	End - Hose - Replaces TR-48178
38		V16321		78-79/	AR	Filter - Suction - See Hydraulic System Filters This Section
39		V41864		78-79/	1	Plate - Mounting - Replaces TR-41864
40		V48177		78-79/	1	Hose - 100 R4 - 1.50
41		V6507		78-79/	1	Nipple - Replaces SW-6507
42		V47106		78-79/	1	O-Ring
43		V16994	1860663	78-79/	1	Connector
44		V30098		78-79/	1	Hose - 100 R2 - .50

AR - As Required

835 TRACTOR

FIGURE 5A3 - STEERING AND IMPLEMENT SYSTEM 78-79



835 TRACTOR

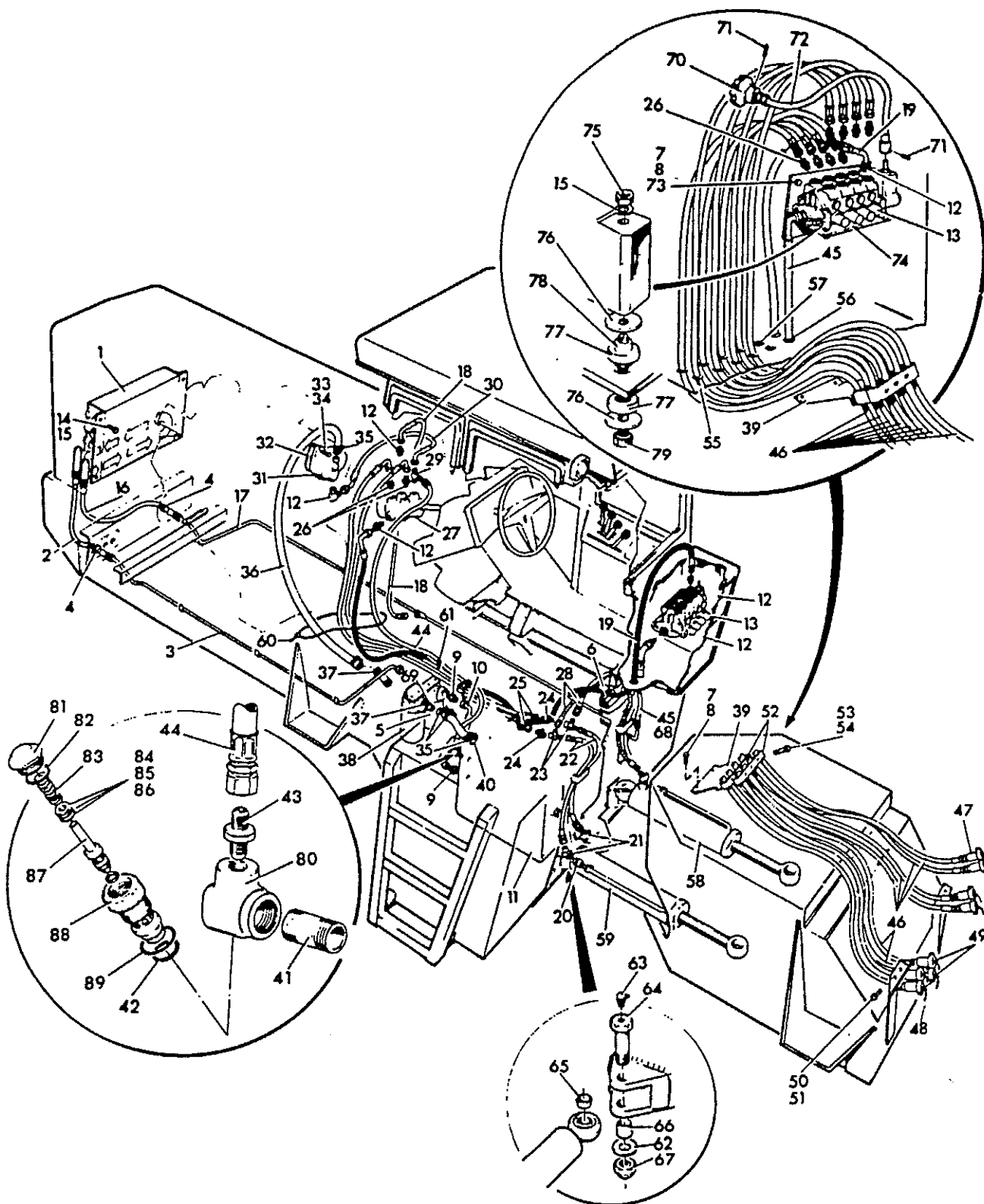
FIGURE 5A3 - STEERING AND IMPLEMENT SYSTEM 78-79
 LENKUNG UND SYSTEM ANBAUGERÄT
 DIRECTION ET SYSTÈME DE INSTRUMENT
 DIRECCIÓN Y SISTEMA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
45		V36600		78-79/	1	Hose Assembly - 100 R1 - .75
46		V30134		78-79/	8	Hose Assembly - 100 R2 - .50
47		V17640		78-79/	8	Coupler - Body Half
48		V17644		78-79/	4	Clamp - Breakaway
49		V17642		78-79/	8	Plug - Dust
50		V12008	1859824	78-79/	3	Bolt - 1/2" NC x 1-1/2" Long - Replaces 12008P
51		V12075		78-79/	6	Nut - 1/2" NC - Replaces 12075P
52		V41863		78-79/	2	Clamp - Hose - Replaces TR-41863
53		V12222	1861371	78-79/	3	Bolt - 5/16" 18 NC x 3.25
54		V29991	3975622	78-79/	3	Nut - 5/16" 18 NC - Replaces 29991P
55		V35520	1860652	78-79/	6	Grommet
56		V35522	1861009	78-79/	3	Grommet
57		V35521	1861854	78-79/	4	Grommet
58		V25569		78-79/	AR	Cylinder - Steering Right - See Steering Implement Pump & Cylinders This Section - Replaces TRA-25569
59		V25570		78-79/	AR	Cylinder - Steering Left - See Steering Implement Pump & Cylinders This Section - Replaces TRA-25570
60		V30267		78-79/	1	Strap - Tie
61		V29892	3975613	78-79/	4	Bolt - Hex Serrated Washer 3/8" x 3/4" NC - Replaces 29892P
62		V13569		78-79/	4	Washer - Flat 1-1/4"
63		V8005	3975896	78-79/	4	Fitting - Grease 1/8" - Replaces CR-8005
64		V23692		78-79/	4	Pin - Steering Cylinder - Replaces TRA-23692
65		V23595		78-79/	4	Spacer - Upper - Replaces TR-23595
66		V23632		78-79/	4	Spacer - Lower - Replaces TR-23632
67		V23941		78-79/	4	Nut - Self Locking 1-1/4" NF
68		V36608		78-79/	1	Cap - #12 JIC 37° Flare
69		V15693	1860102	78-79/	1	Connector
70		V29985		78-79/	1	Knob - Fluted
71		V30002		78-79/	2	Screw - Set #8 - 32 x .25
72		V29984		78-79/	1	Shaft - Flexible - Replaces TR-29984
73		V41890		78-79/	1	Spacer - Valve Plate & Cab
74		V41892		78-79/	1	Plate - Mounting Valve - Replaces TRA-41892
75		V12094	3975922	78-79/	3	Nut - 5/16" 18 NC - Replaces 12094P
76		V13200		78-79/	6	Washer - Flat - Replaces 13200P
77		V15578	1860467	78-79/	6	Bushing - .69" ID x 1.38 OD
78		V29993		78-79/	3	Spacer - Valve Mounting - Replaces TR-29993
79		V12646	3975952	78-79/	3	Bolt - 5/16" 18 NC x 3.50 Long - Replaces 12646P

AR - As Required

835 TRACTOR

FIGURE 5A3 - STEERING AND IMPLEMENT SYSTEM 78-79



835 TRACTOR

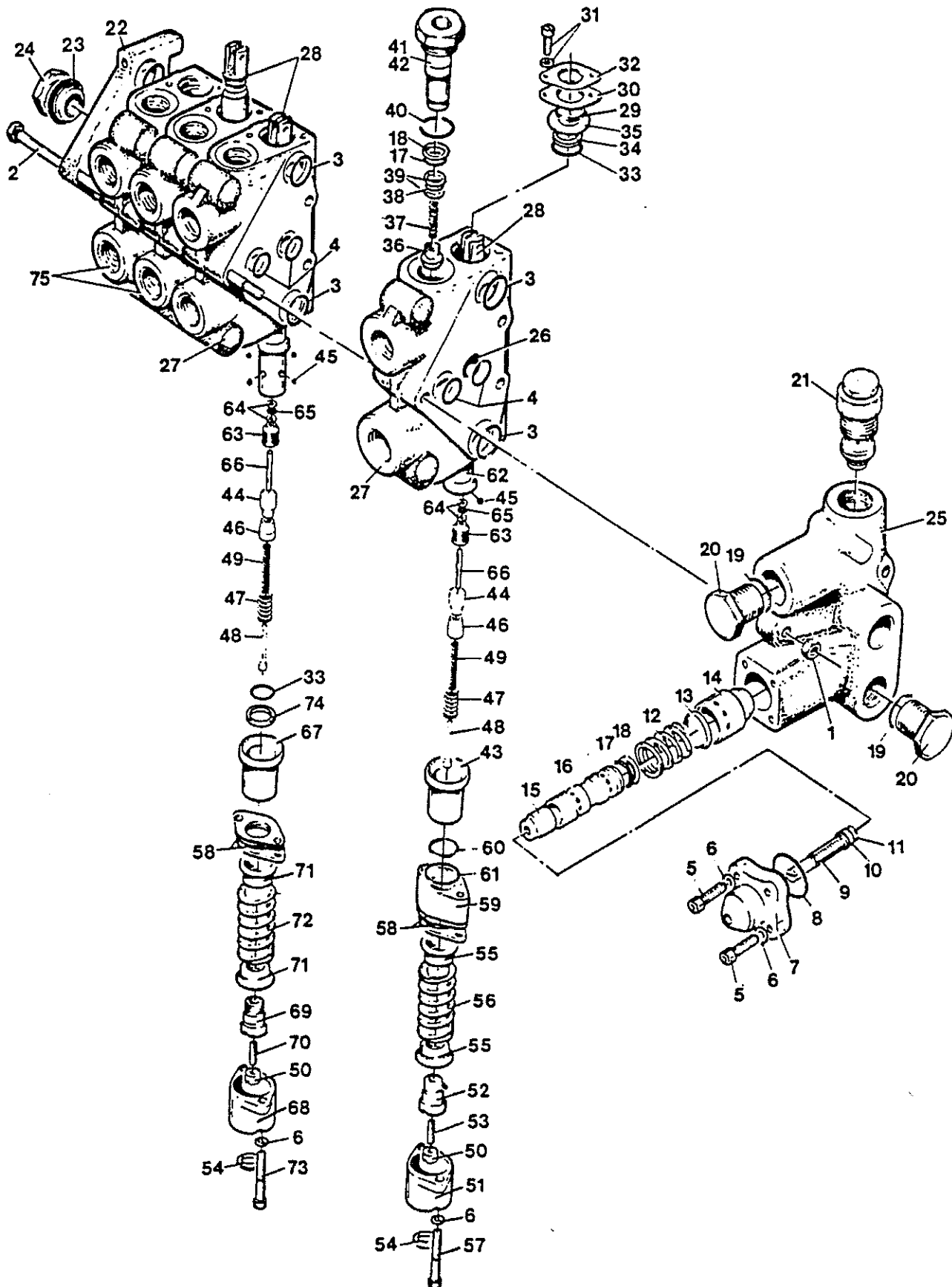
FIGURE 5A3 - STEERING AND IMPLEMENT SYSTEM 78-79
 LENKUNG UND SYSTEM ANBAUGERÄT
 DIRECTION ET SYSTÈME DE INSTRUMENT
 DIRECCIÓN Y SISTEMA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
80		V27169		78-79/	1	Valve - 2350 Relief - Complete Assembly Includes: 42 & 81-89
		20434		78-79/	1	Kit - Seal
		V47112		78-79/	1	Kit - Relief Poppet & Seal
81		V17606		78-79/	1	Cap - Relief
82		V708T104		78-79/	1	O-Ring - Replaces 706T134
83		V47109		78-79/	1	Spring
84		V17632		78-79/	AR	Shim - .040
85		V47111		78-79/	AR	Shim - .020
86		V47110		78-79/	AR	Shim - .010
87		V47108		78-79/	1	Poppet - Relief
88		V47107		78-79/	1	Body - Relief
89		V708T105		78-79/	1	O-Ring - Replaces 706T131

AR - As Required

835 TRACTOR

FIGURE 5B1 - IMPLEMENT VALVE 81-84



835 TRACTOR

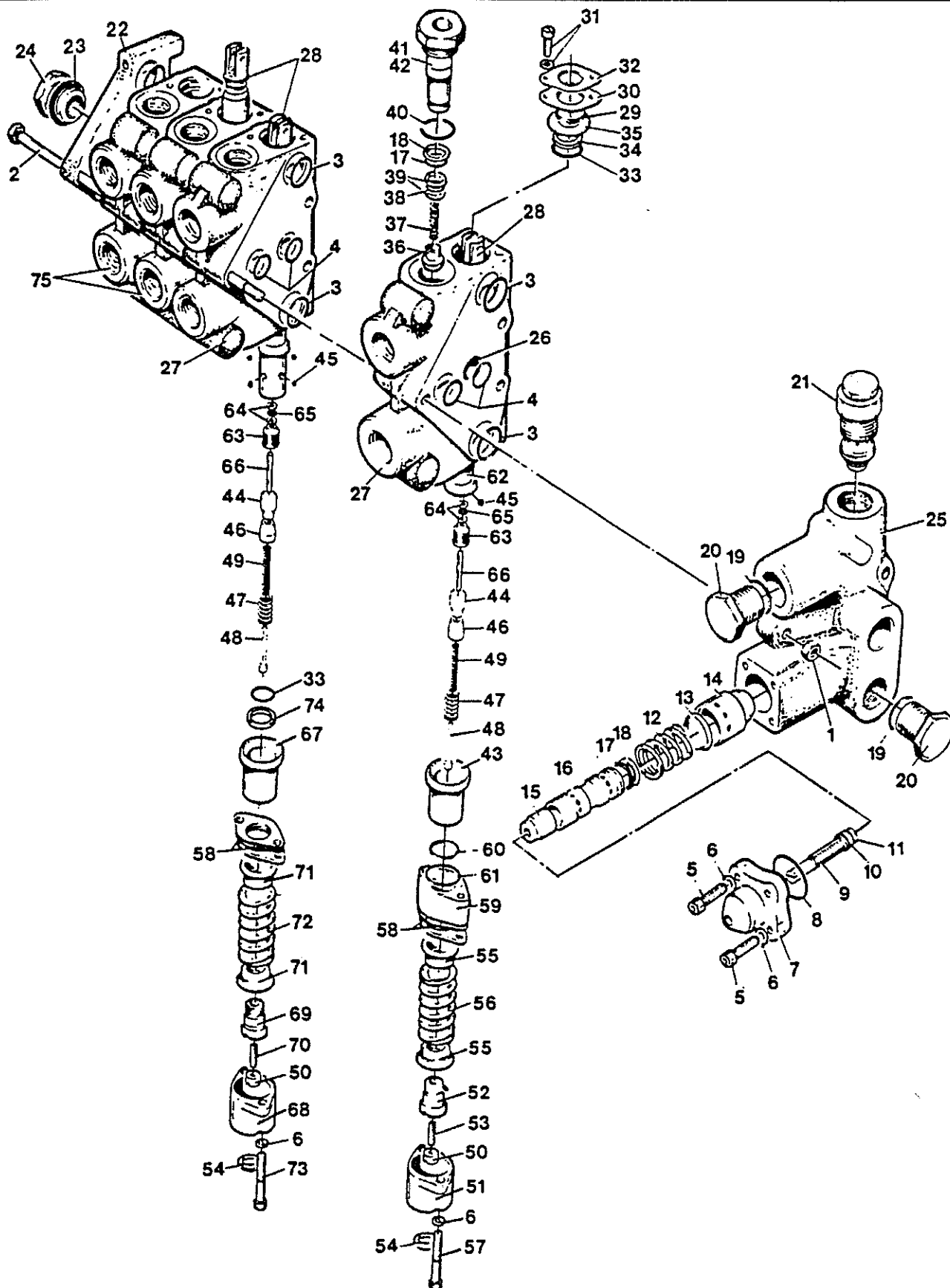
FIGURE 5B1 - IMPLEMENT VALVE 81-84
ANBAUGERÄT-VENTIL
SOUPAPE DE INSTRUMENT
VÁLVULA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V60362	1859756	81-84/	1	Valve - Implement
		V12035		81-84/	3	Nut - Hex Grade 5 3/8" - 24 UNF - Replaces 12035P
2		V47033		81-84/	3	Screw - Cap Hex Grade 5 3/8" - 24 UNF x 9-1/2" - Replaces 62990
		V62994		81-84/	1	Section Assembly - 4 Way Float Includes: 3, 4, 6, 17, 18 & 26-66
		V62991	3975905	81-84/	1	Seals - Section Includes: 3 & 4
3		V84143		81-84/	10	O-Ring
4		V84142		81-84/	10	O-Ring
		V57349		81-84/	1	Plate - Left Cover w/Flow Control Includes: 5-21 & 25
		V57544	3975905	81-84/	1	Actuator - Flow Control Includes: 5-11
5		V32350		81-84/	4	Screw - Cap Hex 1/4" - 20 UNC x 7/8"
6		V12004		81-84/	AR	Washer - Lock Helical Spring 1/4" ID
7		V31533		81-84/	1	Cap - Control
8		V31536	3975905	81-84/	1	O-Ring
9		V31537		81-84/	1	Adjuster - Flow
10		V31535		81-84/	1	O-Ring
11		V31534		81-84/	1	Washer - Back-up
		V57545	3975905	81-84/	1	Control - Flow Includes: 12-18
12		V31527		81-84/	1	Spring - Compression
13		V31526		81-84/	1	Collar
14		V31529		81-84/	1	Sleeve - Metering
15		V31528	3975905	81-84/	1	Piston - Control
16		V31531		81-84/	1	Guide - Sleeve
17		V20435		81-84/	1	O-Ring - Replaces 21118
18		V21117		81-84/	1	Washer - Back-up
		V21126	3975905	81-84/	2	Plug Includes: 19 & 20
19		V21122		81-84/	1	O-Ring
20		V21123		81-84/	1	Plug
21		V57537		81-84/	1	Valve - Relief
		V24658	3975905	81-84/	1	Cover Assembly - Right Includes: 22-24
22		V24659		81-84/	1	Plate - Right Cover
		V62992		81-84/	1	Plug Includes: 23 & 24
23		V19484		81-84/	1	O-Ring
24	NS	V62993	3975905	81-84/	1	Plug
25		V57538		81-84/	1	Plate - Left Cover
26		V62995		81-84/	1	Disc - Seal
27				81-84/	1	Housing - V20T Section
28				81-84/	1	Spool - Float

AR - As Required
NS - Not Serviced

835 TRACTOR

FIGURE 5B1 - IMPLEMENT VALVE 81-84



835 TRACTOR

FIGURE 5B1 - IMPLEMENT VALVE 81-84
ANBAUGERÄT-VENTIL
SOUPAPE DE INSTRUMENT
VÁLVULA DE HERRAMIENTA

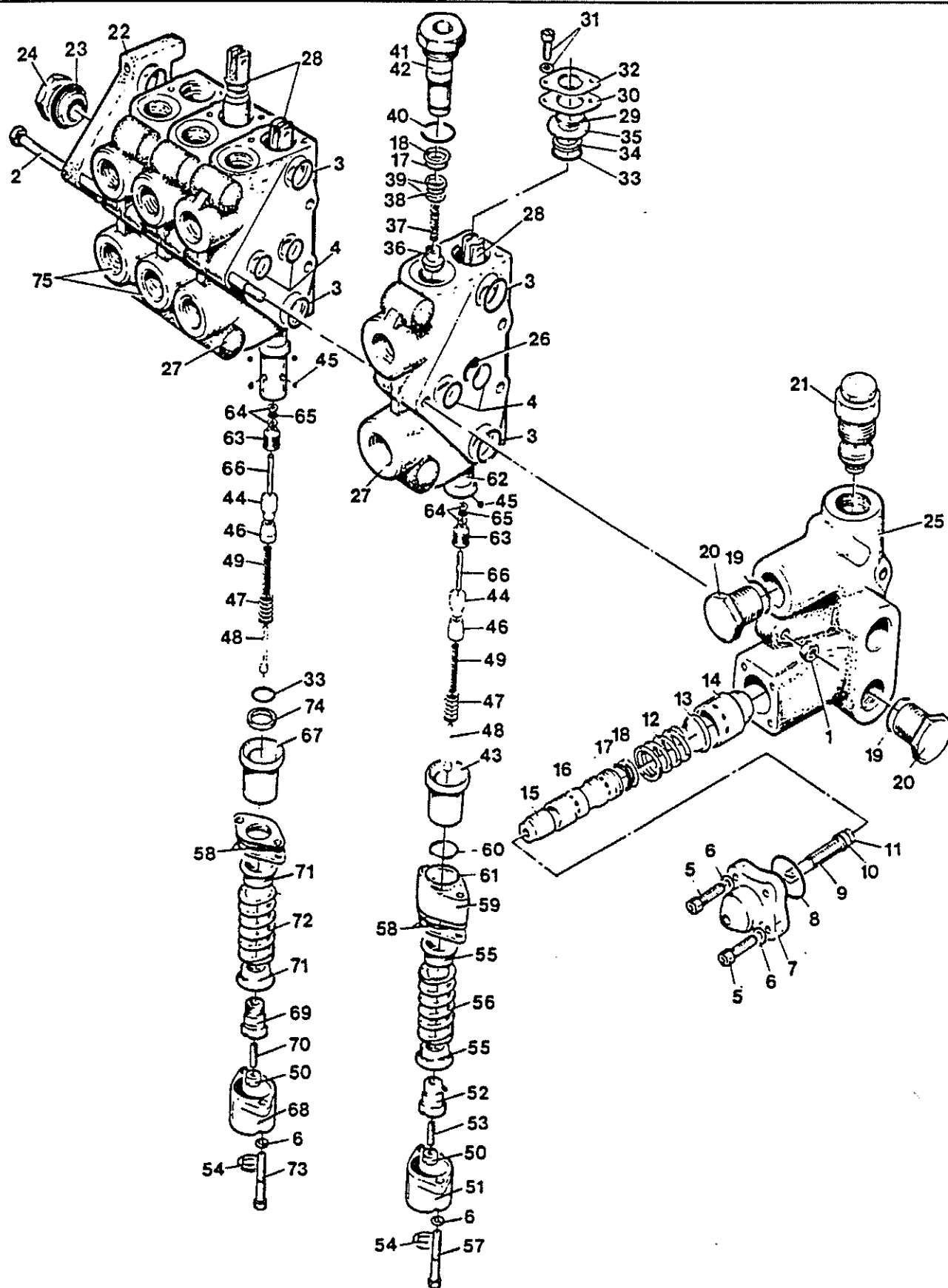
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V62996		81-84/	1	Retainer - Spool Wiper Includes: 29-35
29		V21879		81-84/	1	Wiper - CP Spool
30		V24701		81-84/	1	Plate - Seal
31		V24700		81-84/	2	Screw & Shims
32		V24702		81-84/	1	Plate - Seal
		V41936		81-84/	1	Seal - Spool Includes: 33-35
33		V24703		81-84/	1	O-Ring
34		V24705		81-84/	1	Ring - Back-up
35		V24706		81-84/	1	Plate - Seal Retainer
	NS	V21128		81-84/	2	Kit - Plug Check Standard Includes: 17, 18 & 36-42
36	NS	V706T108		81-84/	1	Poppet - Lift Check
37		V21121		81-84/	1	Spring
		V706T103		81-84/	1	Spring
38	NSS	V21120		81-84/	1	O-Ring - Inner
39	NSS	V21129		81-84/	2	Washer - Back-up Inner
40		V708T104		81-84/	1	O-Ring - Replaces 706T134
41		V31947		81-84/	1	Kit - Plug Die Cast - Replaces 21116
42	NS	V31948		81-84/	1	Plug - Steel
		V62997		81-84/	1	Positioner - V20 4 Way Includes: 6 & 43-66
43		V62998		81-84/	1	Sleeve - Detent
44		V41953		81-84/	1	Plunger - Knockout
45		V21111		81-84/	4	Ball - Carbon Steel 7/32"
46		V41952		81-84/	1	Ball - Follower
47		V41951		81-84/	1	Spring
48		V41950		81-84/	1	Guide - Spring
49		V41949		81-84/	1	Spring
50		V21142		81-84/	1	Nut - Lock
51		V62999		81-84/	1	Bonnet
52		V41947		81-84/	1	Collar - Spool
53		V21145		81-84/	1	Screw - Set #10 - 24 UNF x 3/4"
54		V41946		81-84/	1	Plug
55		V21107		81-84/	2	Collar - Spring
56		V63000		81-84/	1	Spring

NS - Not Serviced

NSS -Not Serviced Separately

835 TRACTOR

FIGURE 5B1 - IMPLEMENT VALVE 81-84



835 TRACTOR

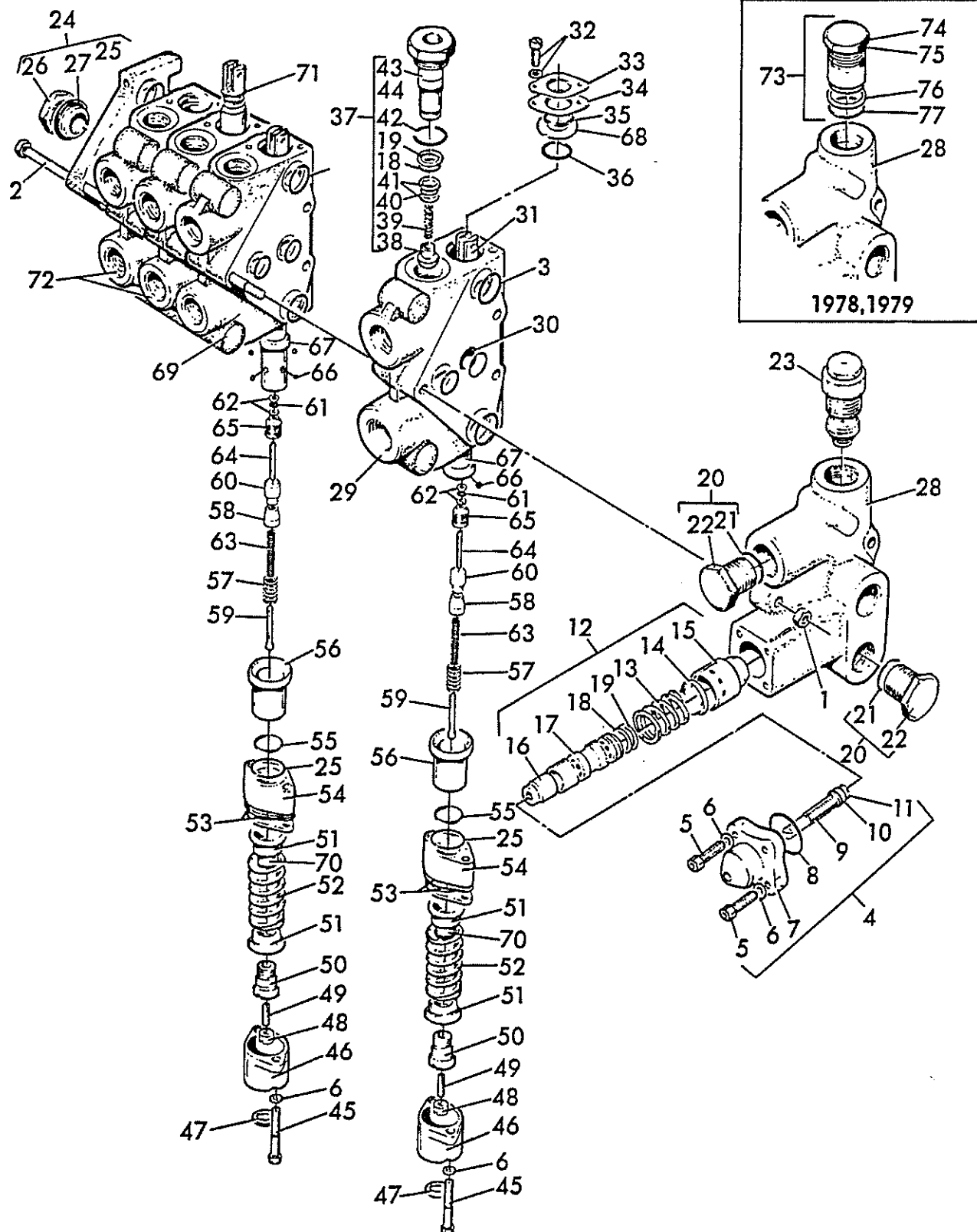
FIGURE 5B1 - IMPLEMENT VALVE 81-84
ANBAUGERÄT-VENTIL
SOUPAPE DE INSTRUMENT
VÁLVULA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
57		V41945		81-84/	2	Screw
58		V41944		81-84/	2	Plate - Bearing
59		V41943		81-84/	1	Spacer - Bonnet
60		V21114		81-84/	1	Seal - Quad Ring
61		V708T105		81-84/	1	O-Ring - Replaces 706T131
62		V63001		81-84/	1	Sleeve
63		V41941		81-84/	1	Guide - Piston
64		V41940		81-84/	2	Ring - Back-up
65		V41939		81-84/	1	O-Ring
66		V41938		81-84/	1	Roller - Needle
		V63002		81-84/	1	Section Assembly - 4 Way Float Includes: 6, 27, 28, 33, 44-50, 54, 58 & 63-74
67		V63003		81-84/	1	Sleeve - Detent
68		V41948		81-84/	1	Bonnet
69		V63004		81-84/	1	Collar - Spool
70		V84144		81-84/	1	Screw - Set Hex Socket #10 - 24 UNC x 5/8"
71		V63005		81-84/	2	Collar - Spring
72		V63006		81-84/	1	Spring
73		V32350		81-84/	2	Screw
		V63007		81-84/	1	Section Assembly - 4 Way Float Includes: 6, 27, 33, 44-50, 54, 58 & 63-75
74		V24705		81-84/	1	Ring - Back-up
75				81-84/	1	Housing - V20P Section
		V23998		81-84/	AR	Kit - Seal Spool Includes: 33, 34, 60 & 61
		V47041		81-84/	AR	Kit - Seal Section Includes: 3, 4, 29, 33-35 & 47037 & 20435
		V47037		81-84/	AR	Kit - Seal Pressure Detent Release Positioner Includes: 60, 61, 64 & 65
		V20435		81-84/	AR	Kit - Seal Check Plus Includes: 17, 18 & 38-40
		V54040		81-84/	AR	Kit - Seal Flow Control Includes: 8, 10, 11, 17 & 18
		V20434		81-84/	AR	Kit - Seal Relief Valve Includes: 40 & 61
		V47040		81-84/	AR	Kit - Seal Left Cover Plate Assembly Includes: 8, 10, 11 & 17-19 & Kit 20434

AR - As Required

835 TRACTOR

FIGURE 5B2 - IMPLEMENT VALVE 78-80



835 TRACTOR

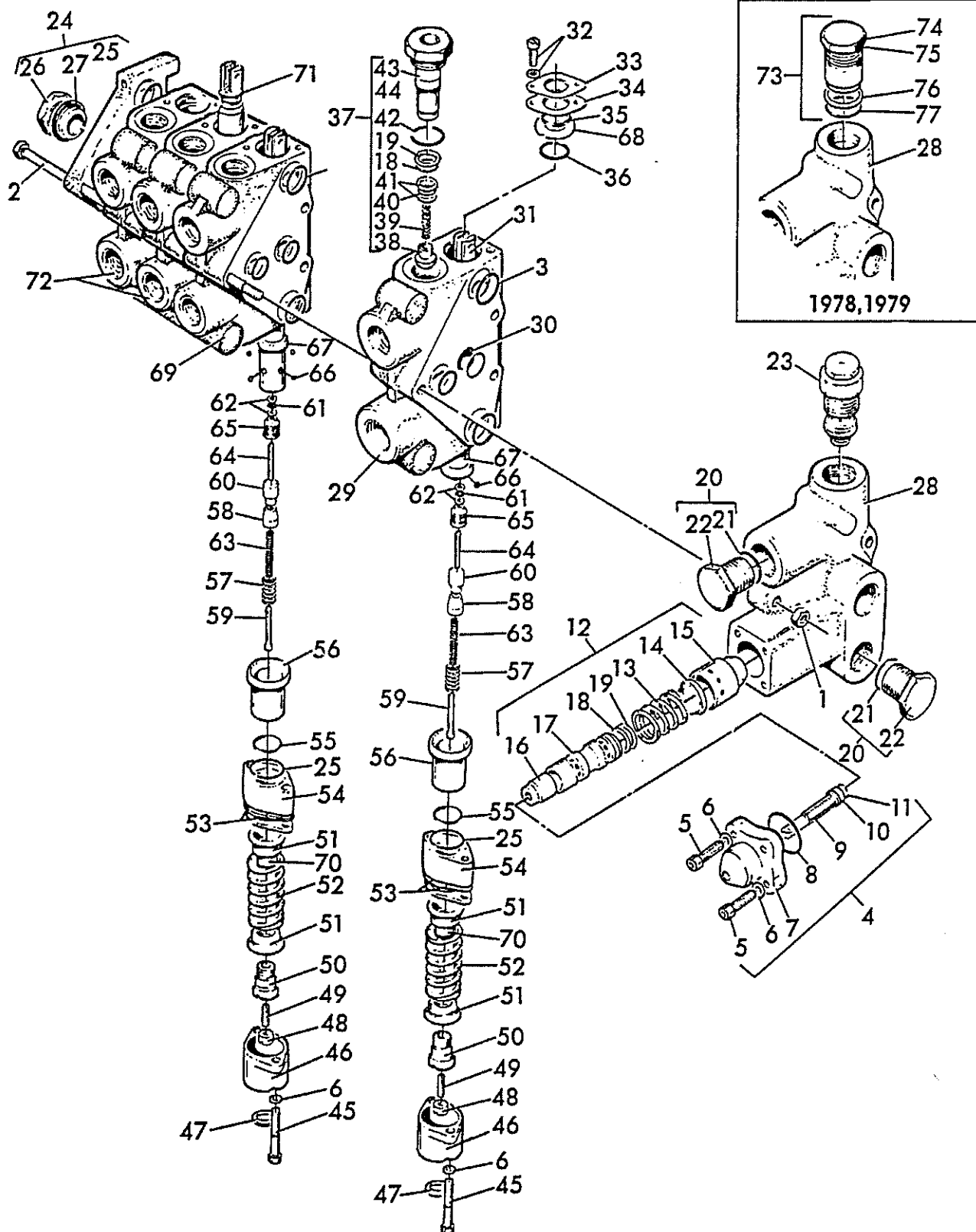
FIGURE 5B2 - IMPLEMENT VALVE 78-80
ANBAUGERÄT-VENTIL
SOUPAPE DE INSTRUMENT
VÁLVULA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V60362	1859756	80/	1	Valve - Implement Assembly - Complete - Replaces 56262
		V41910		78-79/	1	Valve - Implement Assembly - Complete
		V12035		78-80/	6	Nut - 3/8" - 24 UNF - Replaces 25820
		V47033		78-80/	3	Stud
		V84142		78-80/	5	O-Ring - Section Assembly - Replaces 23992
		V84143		78-80/	5	O-Ring - Replaces 23992
		V57349		80/	1	Plate - Left Cover w/Flow Control Includes: 4, 12, 20, 23 & 28
4		V31524	3975905	78-79/	1	Plate - Left Cover w/Flow Control Includes: 4, 12, 20, 23 & 28
		V57544		80/	1	Actuator - Flow Control Includes: 5-11
		V31544		78-79/	1	Actuator - Flow Control Includes: 5-11
5		V32350	3975905	78-80/	4	Bolt - Socket 1/4" UNC x 7/8"
6		V12004		78-80/	AR	Washer - Lock 1/4"
7		V31533		78-80/	1	Cap - Control
8		V31536		78-80/	1	O-Ring
9		V31537		78-80/	1	Adjuster - Flow
10		V31535		78-80/	1	O-Ring
11		V31534		78-80/	1	Washer - Back-up
12		V57545		78-80/	1	Control - Flow - Replaces 31532 Includes: 13-19
13		V31527		78-80/	1	Spring - Compression
14		V31526		78-80/	1	Collar
15		V31529		78-80/	1	Sleeve - Metering
16		V31528		78-80/	1	Piston - Control
17		V31531		78-80/	1	Guide - Sleeve
18		V20435		78-80/	1	O-Ring - Replaces 21118
19		V21117		78-80/	1	Washer - Back-up
20		V21126		78-80/	2	Plug Includes: 21
21		V21122		78-80/	1	O-Ring
22		V21123		78-80/	1	Plug
23		V57538		80/	1	Valve - Relief
24		V36610		78-80/	1	Cover Assembly - Right Includes: 24-27
25		V24659		78-80/	1	Plate - Right Cover
26		V21125		78-80/	1	Plug
27		V19484		78-80/	1	O-Ring
28		V57537		80/	1	Plate - Left Cover
		V31523		78-79/	1	Plate - Left Cover
		V54040		78-80/	1	Kit - Seal Only for Flow Control Includes: 8, 10-12, 18 & 19
		V20434		78-80/	1	Kit - Seal Only for NR Relief Includes: 23 & 25-27
		V47040		78-80/	1	Kit - Seal for Complete Left Cover Plate Assembly Includes: 8,10,11,18,19,21 & Seal Kit 20434

AR - As Required

835 TRACTOR

FIGURE 5B2 - IMPLEMENT VALVE 78-80



835 TRACTOR

FIGURE 5B2 - IMPLEMENT VALVE 78-80
ANBAUGERÄT-VENTIL
SOUPAPE DE INSTRUMENT
VÁLVULA DE HERRAMIENTA

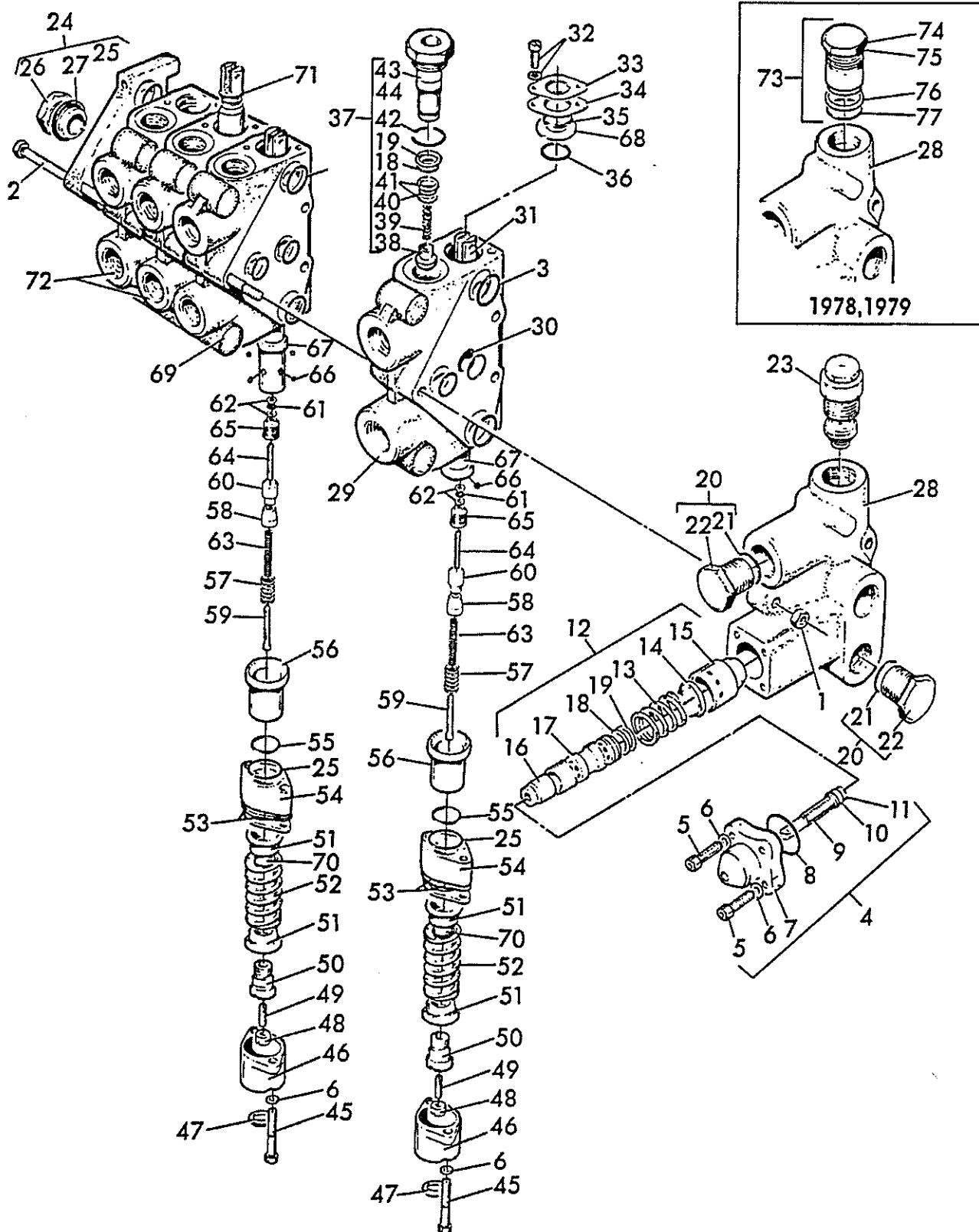
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
29		V36612		78-80/	1	Section Assembly - Tandem Float Includes: 6, 18, 19 & 30-68
30		V41937		78-80/	1	Disc - Seal
31		V41935		78-80/	1	Spool - CP Float Knockout - Not Sold Separately
32		V24700		78-80/	2	Screw - w/Shims
33		V24702		78-80/	1	Plate - Seal
34		V24701		78-80/	1	Plate - Seal
35		V21879		78-80/	1	Wiper - CP Spool
36		V41936		80/	1	Seal - Spool
		V24703		78-79/	1	Seal - Spool
37		V31947		78-80/	1	Plug Assembly - Check Heavy Duty - Replaces 21128 Includes: 18, 19 & 38-44
38	NS	V706T108		78-80/	1	Poppet - Lift Check
39		V21121		78-80/	1	Spring
40	NSS	V21120		78-80/	1	O-Ring - Inner
41		V20435		78-80/	2	Kit - O-Ring - Replaces 21119 & 21120
42		V708T104		78-80/	1	O-Ring - Replaces 706T134
43	NSS	V21116		78-80/	1	Plug - Die Cast
44		V31947		78-80/	1	Plug - Steel
45		V41945		78-80/	2	Screw - Hs Hc .250 - 20 x 1.50
46		V41948		78-80/	1	Bonnet
47		V41946		78-80/	1	Plug
48		V21142		78-80/	1	Nut - Lock
49		V21145		78-80/	1	Screw - 10 - 24 x .75
50		V41947		78-80/	1	Collar - Spool
51		V21107		78-80/	2	Collar - Spring
52		V21110		78-80/	1	Spring
53		V41944		78-80/	2	Plate - Bearing
54		V41943		78-80/	1	Spacer - Bonnet
55		V21114		78-80/	1	Seal - Quad Ring
56		V41954		78-80/	1	Sleeve - Detent
57		V41951		78-80/	1	Spring
58		V41952		78-80/	1	Follower - Ball
59		V41950		78-80/	1	Guide - Spring
60		V41953		78-80/	1	Plunger - Knockout
61		V41939		78-80/	1	O-Ring
62		V41940		78-80/	2	Ring - Back-up
63		V41949		78-80/	1	Spring
		V706T103		78-80/	1	Spring

NS - Not Serviced

NSS -Not Serviced Separately

835 TRACTOR

FIGURE 5B2 - IMPLEMENT VALVE 78-80



835 TRACTOR

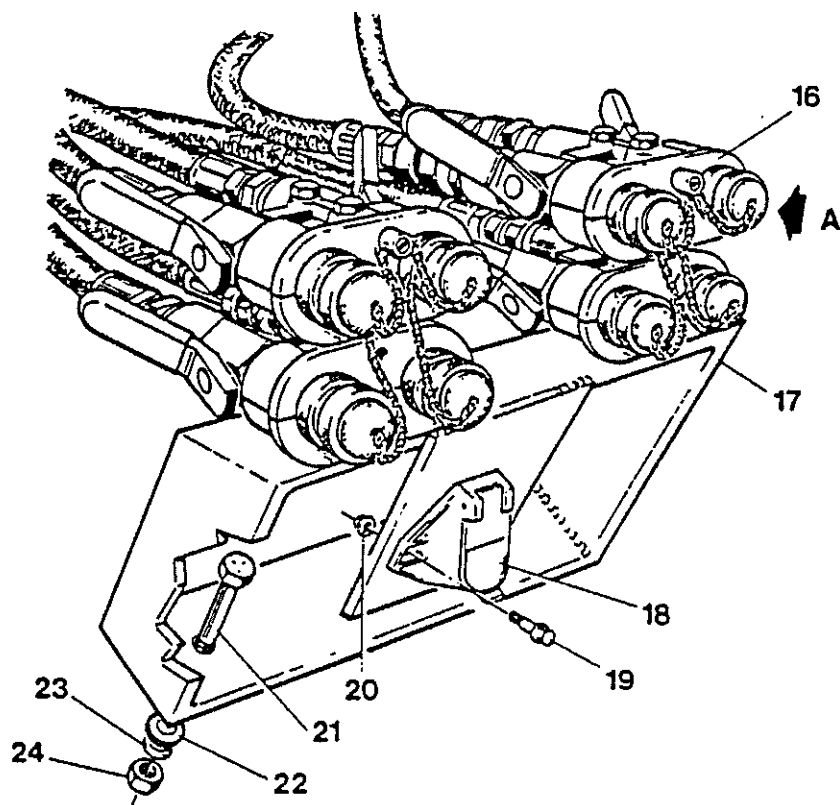
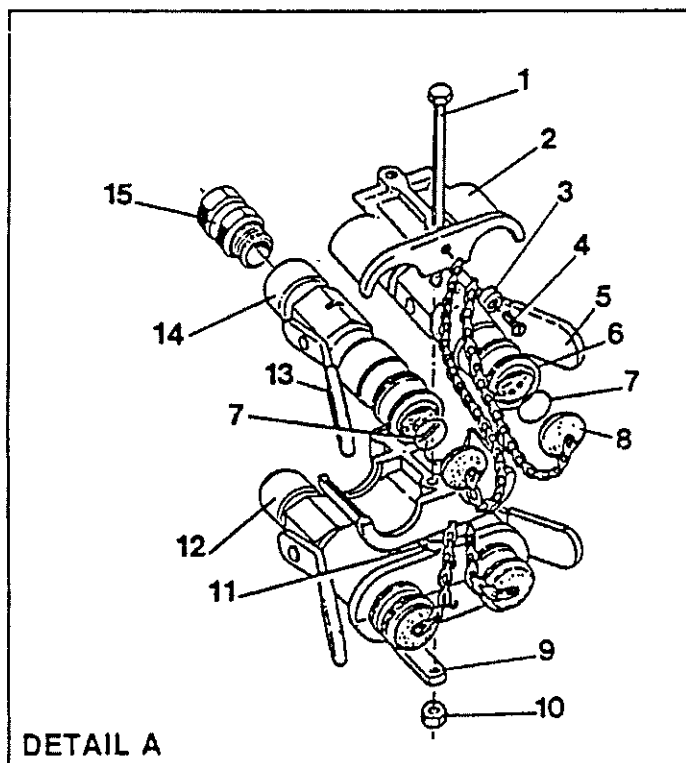
FIGURE 5B2 - IMPLEMENT VALVE 78-80
ANBAUGERÄT-VENTIL
SOUPAPE DE INSTRUMENT
VÁLVULA DE HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
64		V41938		78-80/	1	Roller - Needle
65		V41941		78-80/	1	Guide - Piston
66		V21111		78-80/	4	Ball - 7/32" Carbon Steel
67		V41942		78-80/	1	Sleeve
68		V24705		78-80/	1	Washer - Back-up
69		V36611		78-80/	1	Section Assembly - Tandem Knockout Includes: 6, 18, 19, 32-68, 70 & 71
70		V47036		78-80/	1	Spacer
71		V47034		78-80/	1	Spool - CP 4-Way Knockout - Not Sold Separately
72		V36336		78-80/	2	Section Assembly - Knockout Includes: 6, 18, 19, 32-68, 70 & 71
		V23998		78-80/	1	Kit - Seal Spool for Section Assemblies Includes: 36, 55 & 68
		V20435		78-80/	1	Kit - Seal Check Plug for Section Assemblies Includes: 18, 19 & 40-42
		V47037		78-80/	1	Kit - Seal Pressure Detent for Section Assemblies Includes: 25, 55, 61 & 62
		V47041		78-80/	1	Kit - Seal for Complete Section Assemblies Includes: 3, 35, 36 & Seal Kits 20435 & 47037
				78-80/	1	Cover Assembly - Right Includes: 73-75
73		V31539		78-79/	1	Relief - NR Includes: 24-27
74		V31538		78-79/	1	Plug - Release
75		V708T105		78-79/	1	O-Ring - Replaces 706T131
76	NS	V21105		78-79/	1	Seal - Back-up
77		V20434		78-79/	1	Kit - O-Ring - Replaces 21104 & 21105

NS - Not Serviced

835 TRACTOR

FIGURE 5C1 - HYDRAULIC COUPLERS - 84



835 TRACTOR

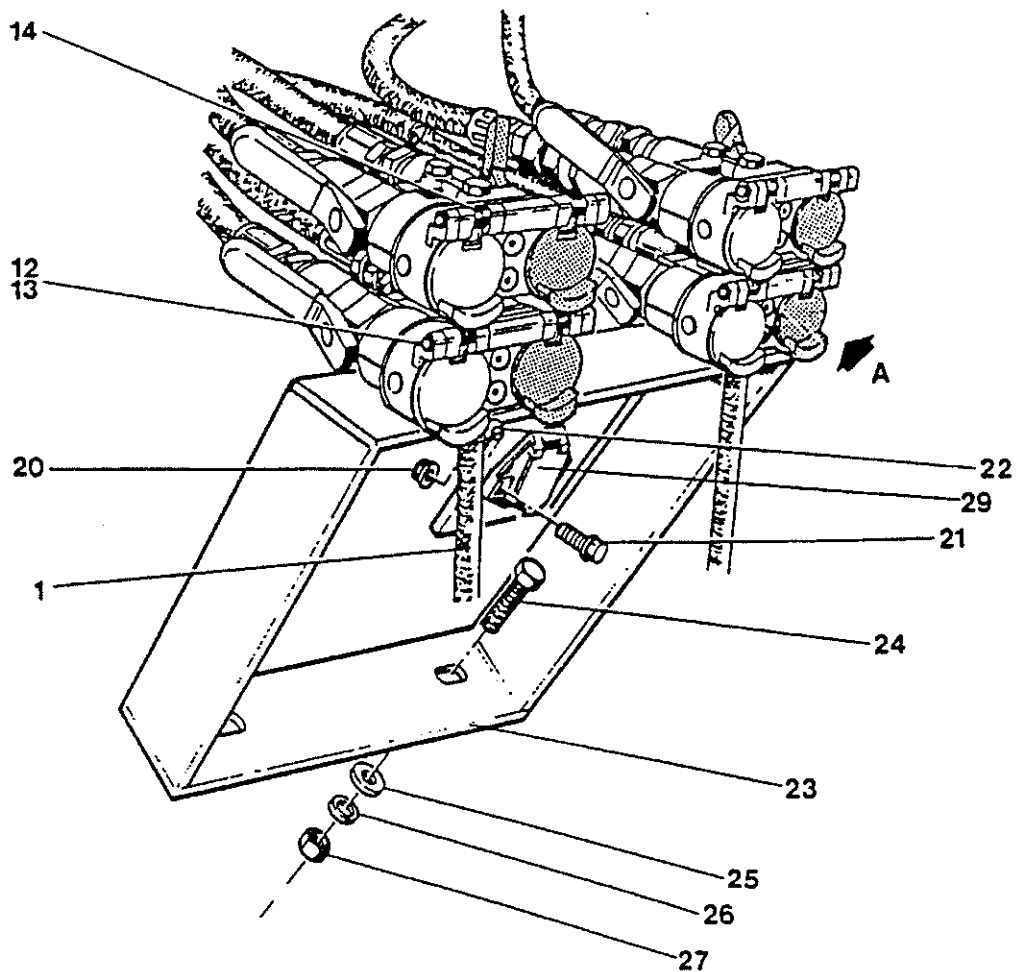
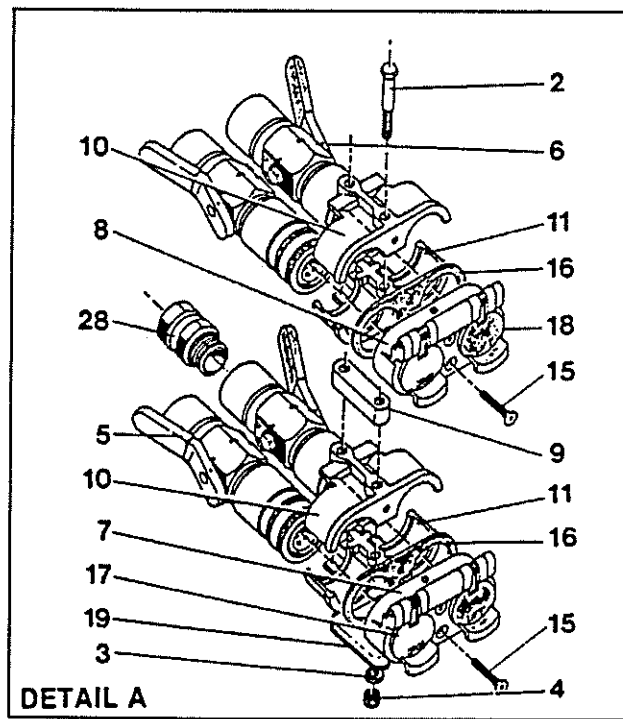
FIGURE 5C1 - HYDRAULIC COUPLERS - 84
 HYDRAULISCHE SCHELLÖSE-KUPPLUNG
 ACCOUPLEMENTS HYDRAULIQUE
 ACOPLADORS HIDRAULICA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V20304	1860291	84/	2	Bolt - Hex 3/8" - 16 UNC x 5-1/2" - Replaces 20304P
2		V60388	1860296	84/	2	Clamp - Top
3		V88494	1860304	84/	1	Spacer
4		V60396	1860298	84/	1	Screw - Flat Head 1/4" - 20 UNC x 1-1/4"
5		V88492		84/	1	Grip - Red
6		V58281	1860294	84/	2	Coupler - Red Includes: 5 & 7
7		V88496	3977949	84/	1	O-Ring
8		9703254	9703254	84/	4	Dust Plug Assembly - Replaces 88495
9		V88493	1860299	84/	1	Plate - Threaded
10		V29803	3975610	84/	2	Nut - 3/8" - 16 UNC - Replaces 29803P
11		V58285	1860295	84/	1	Spacer
12		V60387	1860297	84/	2	Clamp - Bottom
13		V88491		84/	1	Grip - Yellow
14		V58280	1860293	84/	2	Coupler - Yellow Includes: 7 & 13
15		V15673	1860391	84/	8	Connector
16		V78806	1860128	84/	2	Lever Coupler Assembly Includes: 1-15
17		V58095		84/	1	Bracket - Lever Coupler Standard
18				84/	AR	Connector - Trailer - See Main Electrical Circuits - Section 6
19		V36444		84/	2	Screw - Flange - Hex 5/16" - 18 UNC x 1" - Replaces 36444P
20		V29991	3975622	84/	2	Nut - Flange - Hex 5/16" - 18 UNC - Replaces 29991P
21		V12070		84/	2	Screw - Cap Hex 3/4" - 10 UNC x 2-1/2"
22		V17473		84/	2	Washer - Plain 25/32" ID x 1-1/2" OD x 11 GA
23		V12009	3975907	84/	2	Washer - Lock Helical Spring 3/4" ID
24		V12066		84/	2	Nut - Hex 3/4" - 10 UNC

AR - As Required

835 TRACTOR

FIGURE 5C2 - HYDRAULIC COUPLERS - 83



835 TRACTOR

FIGURE 5C2 - HYDRAULIC COUPLERS - 83
 HYDRAULISCHE SCHELLÖSE-KUPPLUNG
 ACCOUPLEMENTS HYDRAULIQUE
 ACOPLADORS HIDRAULICA

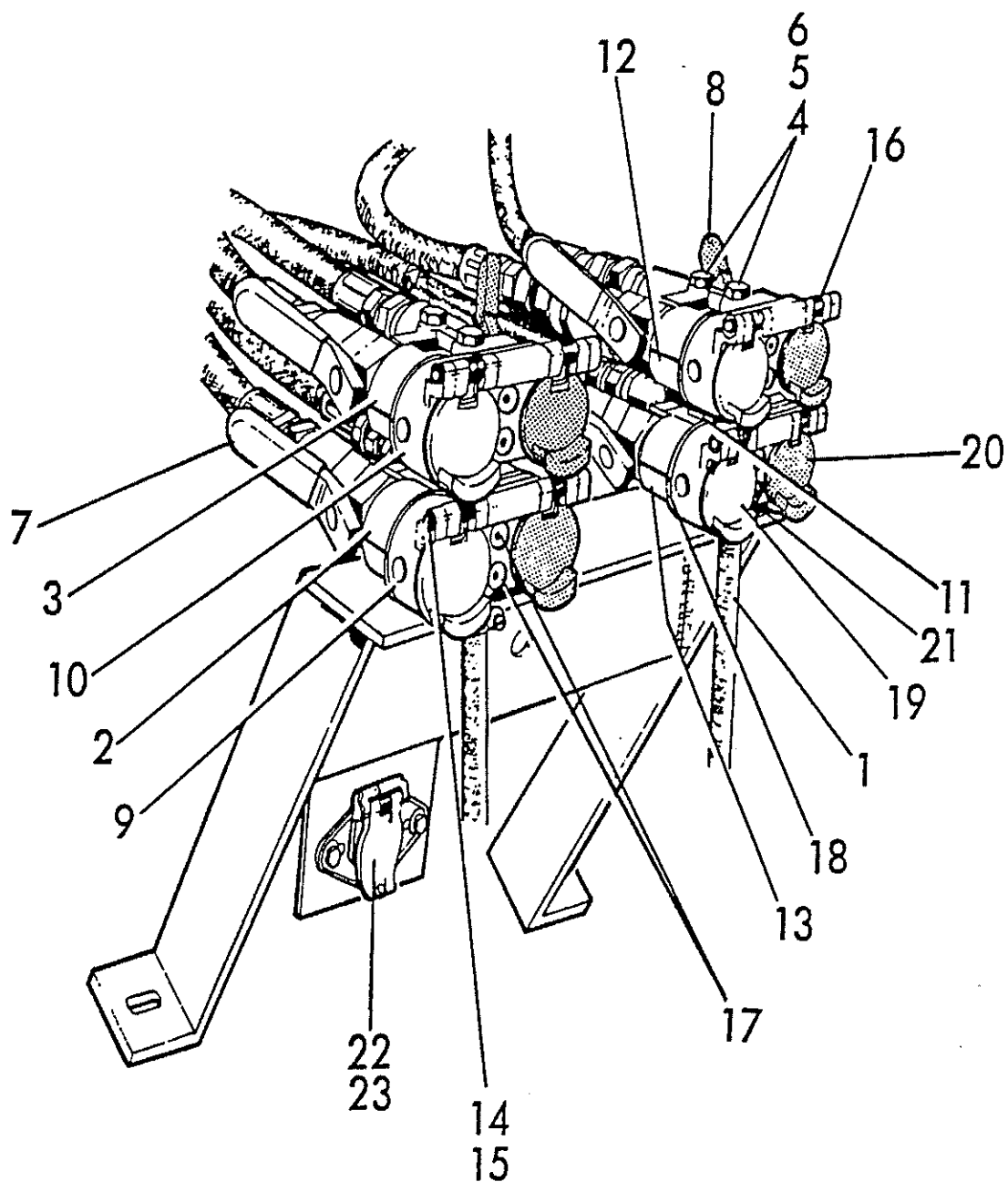
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58179		83/	2	Hose - Coupler Drain
2		V20304	1860291	83/	4	Screw - Cap Hex 3/8" - 16 UNC x 5-1/2" - Replaces 20304P
3		V12011	3975908	83/	4	Washer - Lock Helical Spring 3/8" ID - Replaces 12011P
4		V12037	3975909	83/	4	Nut - Hex 3/8" - 16 UNC - Replaces 12037P
		V58129		83/	2	Coupler - Lever Bottom Includes: 5-7 & 9-18
		V58127		83/	2	Coupler - Lever Top Includes: 5, 6, 8 & 10-18
5		V58280	1860293	83/	4	Coupler - Left Yellow
6		V58281	1860294	83/	4	Coupler - Right Red
		V58282		83/	2	Housing Assembly - Bottom Includes: 7 & 12-18
		V58283		83/	2	Housing Assembly - Top Includes: 8 & 12-18
7		V60389		83/	2	Housing - Bottom
8	NSS	V60390		83/	2	Housing - Top
9		V58285	1860295	83/	2	Spacer
10		V60388	1860296	83/	4	Clamp - Top
11		V60387	1860297	83/	4	Clamp - Bottom
12		V50828		83/	4	Ring - Retaining Crescent Extension 7/32" Dia
13		V60394		83/	8	Pin
14		V60395		83/	8	Spring - Torsion
15		V60396	1860298	83/	8	Screw - Cap Socket Head 1/4" - 20 UNC x 1-1/4"
16		V60393		83/	4	Gasket
17		V60392		83/	4	Cover - Yellow
18		V60391		83/	4	Cover - Red
19		V62524		83/	2	Spacer
20		V29991	3975622	83/	2	Nut - Flange - Hex 5/16" - 18 UNC -
21		V36444		83/	2	Screw - Flange - Hex 5/16" - 18 UNC x 1 - Replaces 36444P
22		V17453	3975991	83/	2	Clamp - Hose
23		V58095		83/	1	Bracket - Lever Coupler Standard
24		V12070		83/	2	Screw - Cap Hex 3/4" - 10 UNC x 2-1/2"
25		V17473		83/	2	Washer - Plain 25/32" ID x 1-1/2" OD x 11 GA
26		V12009	3975907	83/	2	Washer - Lock Helical Spring 3/4" ID
27		V12066		83/	2	Nut - Hex 3/4" - 10 UNC
28		V15673	1860391	83/	8	Connector
29				83/	AR	Connector - Trailer - See Main Electrical Circuits Section 6

AR - As Required

NSS -Not Serviced Separately

835 TRACTOR

FIGURE 5C3 - HYDRAULIC COUPLERS 81-83



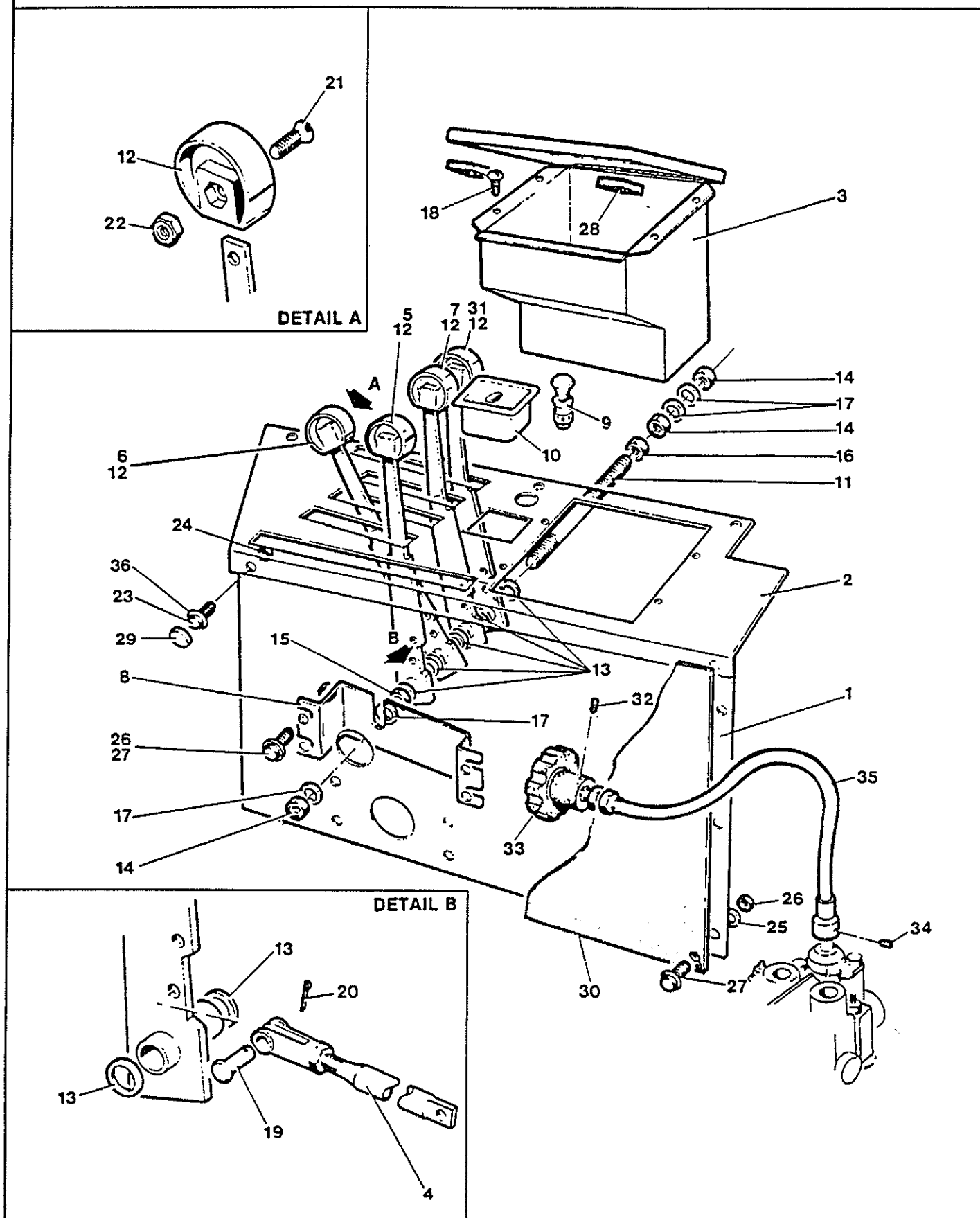
835 TRACTOR

FIGURE 5C3 - HYDRAULIC COUPLERS 81-83
 HYDRAULISCHE SCHELLÖSE-KUPPLUNG
 ACCOUPLEMENTS HYDRAULIQUE
 ACOPLADORS HIDRAULICA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58179		81-83/	2	Hose - Coupler Drain
2		V58129		81-83/	2	Coupler - Lever Bottom
3		V58127		81-83/	2	Coupler - Lever Top
4		V20304	1860291	81-83/	4	Screw - Cap Hex 3/8" - 16 UNC x 5-1/2" - Replaces 20304P
5		V12011	3975908	81-83/	4	Washer - Lock Helical Spring 3/8" ID - Replaces 12011P
6		V12037	3975909	81-83/	4	Nut - Hex 3/8" - 16 UNC - Replaces 12037P
7		V58280	1860293	81-83/	4	Coupler - Left Yellow
8		V58281	1860294	81-83/	4	Coupler - Right Red
9		V58282		81-83/	2	Housing Assembly - Bottom
		V60389		81-83/	2	Housing
10		V58283		81-83/	2	Housing Assembly - Top - Replaces 60390
11		V58285	1860295	81-83/	2	Spacer
12		V60388	1860296	81-83/	2	Clamp - Top
13		V60387	1860297	81-83/	2	Clamp - Bottom
14		V50828		81-83/	4	Ring - Retaining Crescent Extension 7/32" Dia
15		V60394		81-83/	4	Pin
16		V60395		81-83/	8	Spring - Torsion
17		V60396	1860298	81-83/	8	Screw - Cap Socket Head 1/4" - 20 UNC x 1-1/4"
18		V60393		81-83/	4	Gasket
19		V60392		81-83/	4	Cover - Yellow
20		V60391		81-83/	4	Cover - Red
21		V62524		81-83/	2	Spacer
22		V60345	1861798	82-83/	1	Connector - 7 Pin
23		V69931	1861797	82-83/	1	Boot - Rubber

835 TRACTOR

FIGURE 5D1 - HYDRAULIC CONTROL CONSOLE



835 TRACTOR

FIGURE 5D1- HYDRAULIC CONTROL CONSOLE
HYDRAULISCHE STEUER KONSOLE
COMMANDES DE CONSOLE HYDRAULIQUE
CONTROL DE HIDRAULICO

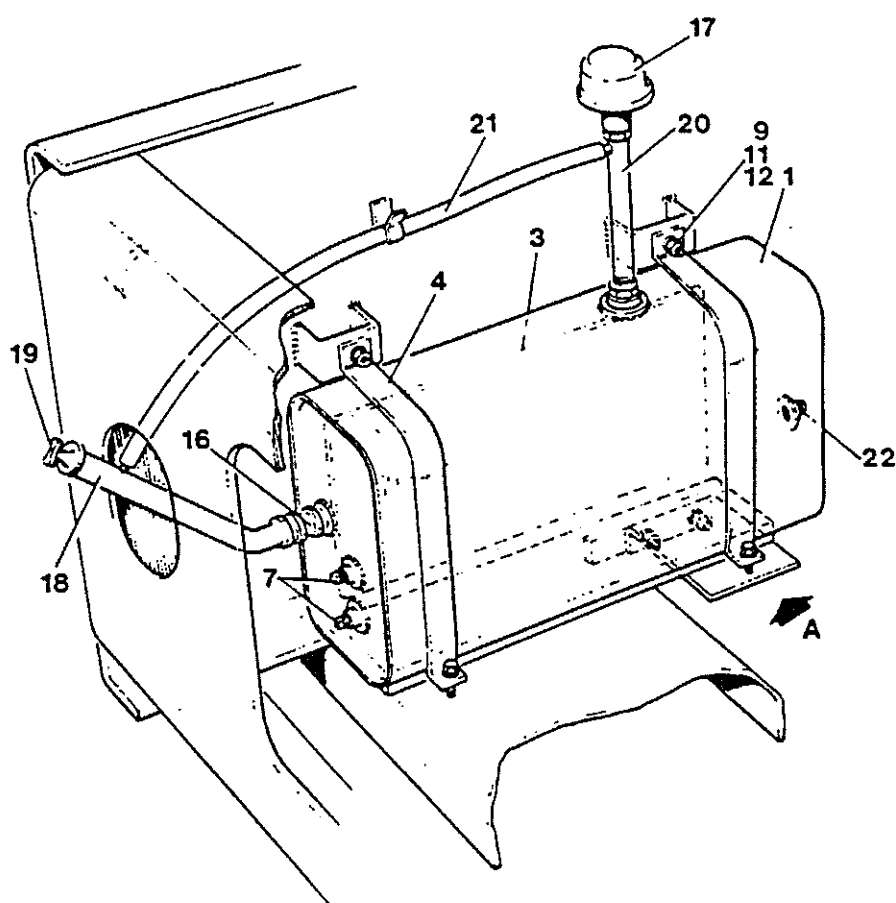
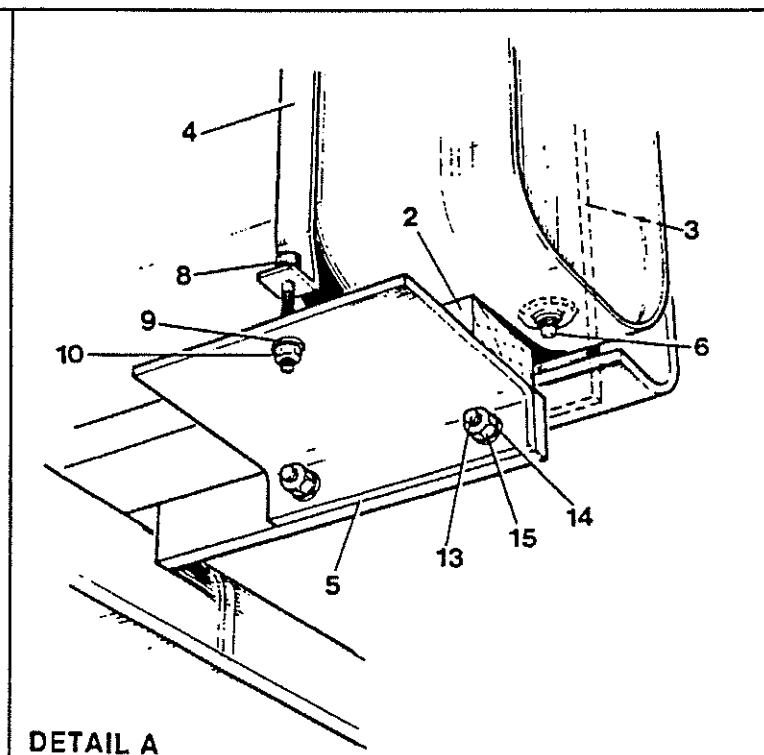
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V29806		78-84/	1	Housing - Console
2		V41886		78-84/	1	Plate - Console Panel
3		V29842		78-84/	1	Compartment - Accessory
4		V29999		78-84/	3	Linkage - Valve
5		V41877		78-84/	1	Lever - Hydraulic Control #1
6		V41874		78-84/	1	Lever - Hydraulic Control #2
7		V41872		78-84/	1	Lever - Hydraulic Control #3
8		V30004		78-84/	1	Bracket - Control Shaft
9		V96736	3973198	78-84/	1	Lighter - Replaces 53513 & 29988
10		V29989	3975621	78-84/	1	Ashtray
11		V41862		78-84/	1	Shaft - Control
12		V29986		78-84/	4	Knob - Hydraulic Control Lever
13		V14841	1859723	78-84/	8	Bushing - Nylon
14		V12075		78-84/	3	Nut - 1/2" - 13 UNC - Replaces 12075P
15		V13044	1861747	78-84/	1	Nut - Jam 1/2" - 13 UNC - Replaces 13044P
16		V12083	3975918	78-84/	1	Nut - Nylon 1/2" - 13 UNC - Replaces 12083P
17	(1)	V18605		83-84/	4	Washer - Plain 9/16" ID x 1-3/8" OD x 12 GA - Replaces 18605P
		V18604	1861732	78-83/	4	Washer - Flat 1/2" ID - Replaces 18604P
18		V301T155		78-84/	4	Screw - Self-Tapping #12 - 24 UNF
19		V21099	3975573	78-84/	4	Pin - Clevis 5/16" x 31/32" - Replaces 21099P
20		V12003	3975904	78-84/	4	Pin - Cotter 3/32" Dia x 3/4"
21		V30070		78-84/	4	Screw - Flat Head #10 - 24 UNC x 5/8"
22		V12958	3975903	78-84/	4	Nut - Hex #10 - 24 UNC
23		V20378		78-84/	8	Screw - Round Head Slotted 1/4" - 20 UNC x 3/4"
24		V29940	3975619	78-84/	6	Nut - Hex 1/4" - 20 UNC - Replaces 29940P
25		V14852	3975976	84/	6	Washer - Plain 3/8" ID x 7/8" OD x 16 GA - Replaces 14852P
		V18601	3975999	78-83/	3	Washer - Flat 5/16" ID - Replaces 18601P
26		V29991	3975622	78-84/	10	Nut - 5/16" - 18 UNC - Replaces 29991P
27		V29990	3975620	78-84/	10	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
28		V35886		78-84/	2	Spacer - Accessory Compartment
29		V63227	1862333	78-84/	6	Cap - Snap Black
30	(1)	V77279		83-84/	1	Insulation - Console Cover
30	(2)	V49028		78-83/	1	Insulation - Console Cover
31		V41859		78-84/	1	Lever - Hydraulic Control #4
32		V30002		80-84/	1	Screw - Set Hex #8 - 32 UNC x 1/4"
33		V29985		80-84/	1	Knob - Fluted
34		V50457		80-84/	1	Screw - Set #10 - 32 UNF x 1/4"
35		V29984		80-84/	1	Shaft - Flexible
36		V63226	1862343	82-84/	1	Washer - Snap Cap

(1) - ASN 83036768

(2) - BSN 83036769

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FIGURE 5E1 - HYDRAULIC TANK AND MOUNTING



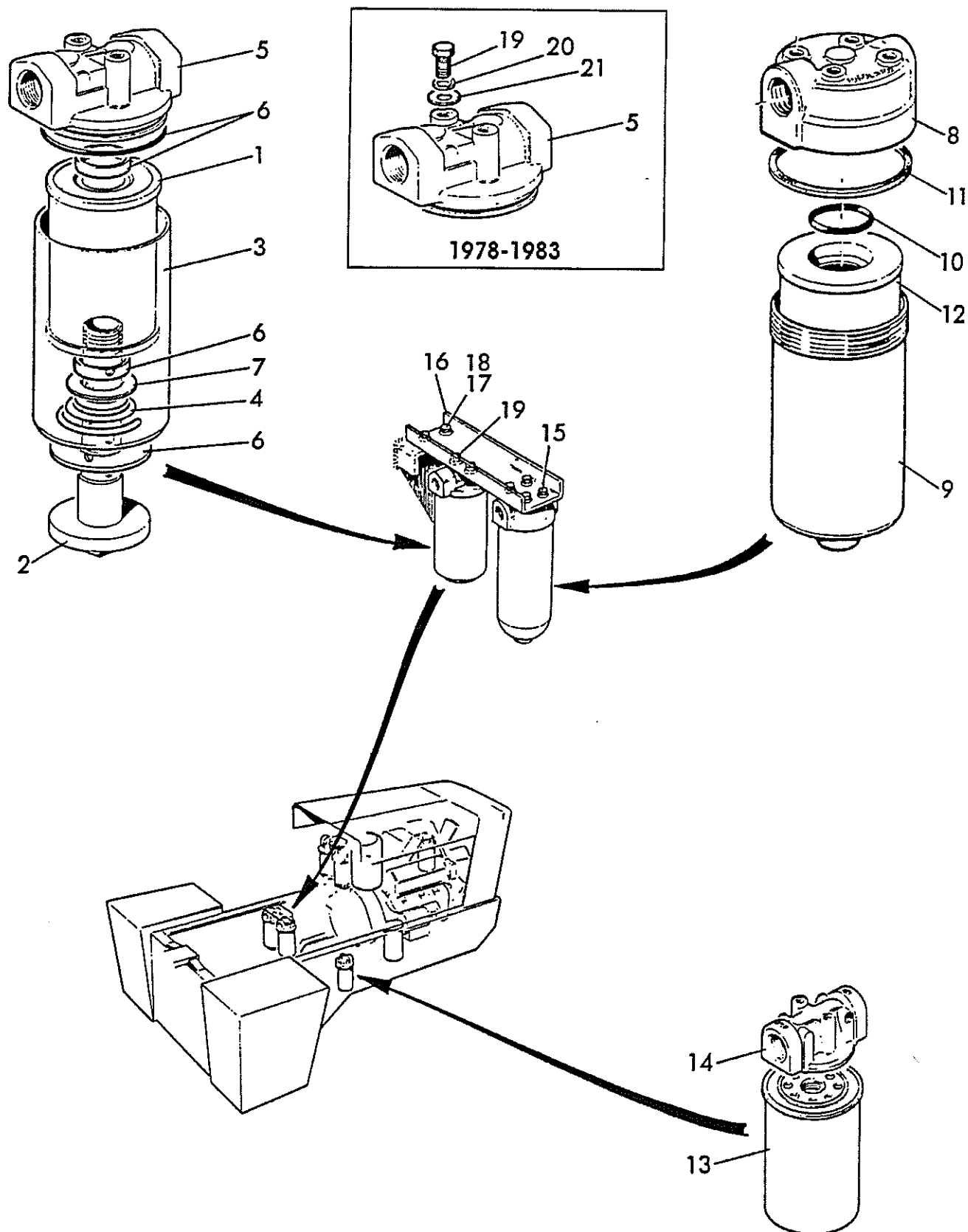
835 TRACTOR

FIGURE 5E1 - HYDRAULIC TANK AND MOUNTING
HYDRAULISCHE BEHÄLTER UND MONTAGE
RÉSERVOIR HYDRAULIQUE ET MONTAGE
TANQUE HIDRAULICA Y MONTAJE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V53003		80-84/	1	Tank - Hydraulic Oil
		V47403		78-79/	1	Tank - Hydraulic Oil
2		V48293		78-84/	1	Spacer - Bottom
3		V17179		78-84/	1	Spacer - Side
4		V48291		78-84/	2	Strap - Tank
5		V53024		80-84/	1	Support - Tank
5		V48294		78-79/	1	Support - Tank
6		V6972		78-84/	1	Plug - 3/8" NPT
7		V613T145		78-84/	2	Plug - 3/4" NPT
8		V14187		78-84/	2	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 2"
9		V47373		80-84/	6	Washer - Plain 13/32" ID x 13/16" OD x 16 GA
		V18602	3976000	78-79/	6	Washer - Plain 3/8" ID
10		V14510	3975974	78-84/	2	Nut - Lock 3/8" - 16 UNC
11		V12338		78-84/	2	Bolt - Round Head Square Neck 3/8" - 16 UNC x 1
12		V12037	3975909	78-84/	2	Nut - 3/8" - 16 UNC
13		V12008	1859824	78-84/	2	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 1-1/2"
14		V12007	3975906	78-84/	2	Washer - Lock Helical Spring 1/2" ID
15		V12075		78-84/	2	Nut - 1/2" - 13 UNC
16		V701T123	1860690	78-84/	1	Adaptor - Swivel 3/4" x 3/4"
17		V23772		78-84/	1	Breather - 1/2" NPT
18		V48292		78-84/	1	Tube - Dipstick
19		V48290		78-84/	1	Dipstick
20		V48296		78-84/	1	Tube - Breather Cap
21		V33687		78-84/	1	Hose - Breather to Dipstick
22		V6938	1860692	81-84/	1	Plug - 1/2" NPT

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FIGURE 5F1 - HYDRAULIC SYSTEMS FILTERS



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FIGURE 5F1 - HYDRAULIC SYSTEMS FILTERS
HYDRAULISCHES SYSTEM FILTER
FILTRES DE SYSTÈME HYDRAULIQUE
FILTROS DE SISTEMA HIDRÁULICO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V16321		78-84/	1	Filter - Suction Includes: 1-7
2		V15799		78-84/	1	Element - Filter
3		V704T110		78-84/	1	Post - Center
4		V704T112		78-84/	1	Housing
5		V704T113		78-84/	1	Spring
6		V704T118		78-84/	1	Casting - Head
6		V704T119V11		78-84/	AR	Kit - Gasket Includes: Center Post Seal Gasket-Housing Seal - O-Ring & 2 Rubber Seals
7		V704T121		78-84/	1	Washer
		V36098		78-84/	1	Filter - Return Includes: 8-12
8		V36159		78-84/	1	Head
9		V36158	3975660	78-84/	1	Case
10				84/	1	O-Ring
11		V36157	1860223	78-83/	1	O-Ring
				84/	1	Gasket
12		V36156	1860224	78-83/	1	Gasket
12		V36155		84/	1	Element Assembly
				78-83/	1	Element Assembly - Serviced In Kit 36169 only
		V63739	1860657	81-84/	1	Filter - Transmission Lubrication Includes: 13-14
		V7709		78-80/	1	Filter - Transmission Lubrication Includes: 13-14 - Replaces 8369
13		V2854		78-84/	1	Element - Filter
14		V79553		84/	1	Head
14	(1)			83/	1	Head
14	(2)	V66156		81-83/	1	Head
15		V29892	3975613	78-84/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
16	(1)	V48295		83-84/	1	Bracket - Hydraulic Filter Mounting
17	(1)	V29893	3975615	83-84/	2	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 1 - Replaces 29893P
18	(1)	V29803	3975610	83-84/	2	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
19	(1)	V29990	3975620	83-84/	2	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
	(2)	V12098	3975924	78-83/	2	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 12098P
		V62075	3976162	81-84/	AR	Kit - Repair Filter - Replaces 36169 Includes: 10-12
20		V12087	1861067	78-83/	2	Washer - Lock 5/16"
21	(2)	V18602	3976000	78-83/	2	Washer - Flat 5/16" - Replaces 18602P

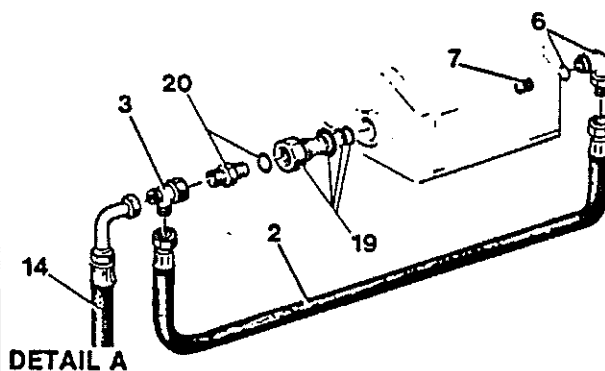
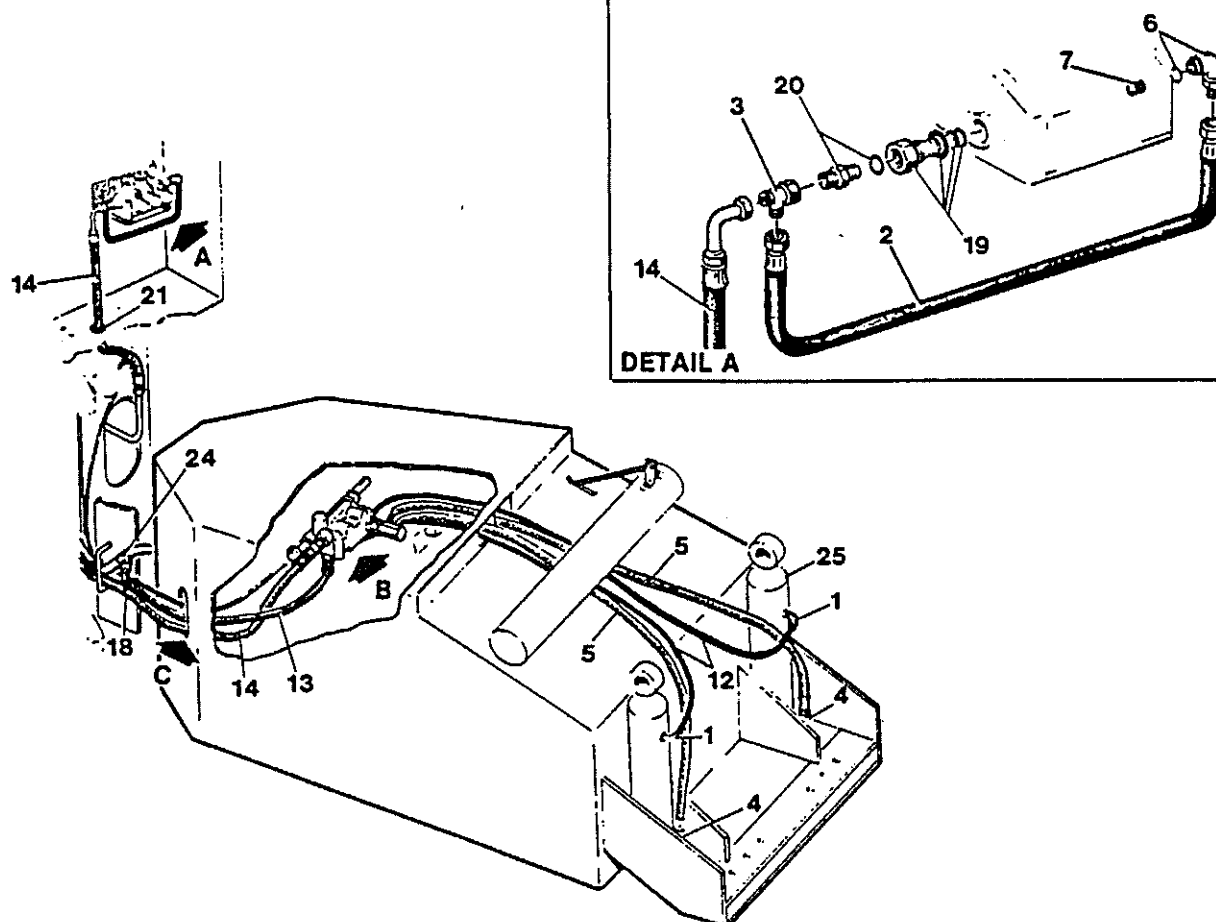
(1) - ASN 83036768

(2) - BSN 83036769

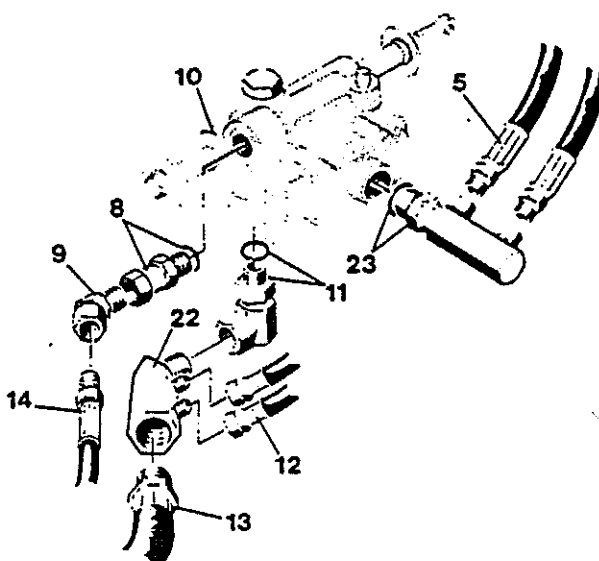
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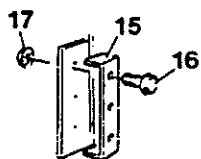
FIGURE 5G1 - HYDRAULIC CIRCUIT 80-84



DETAIL B



DETAIL C



835 TRACTOR

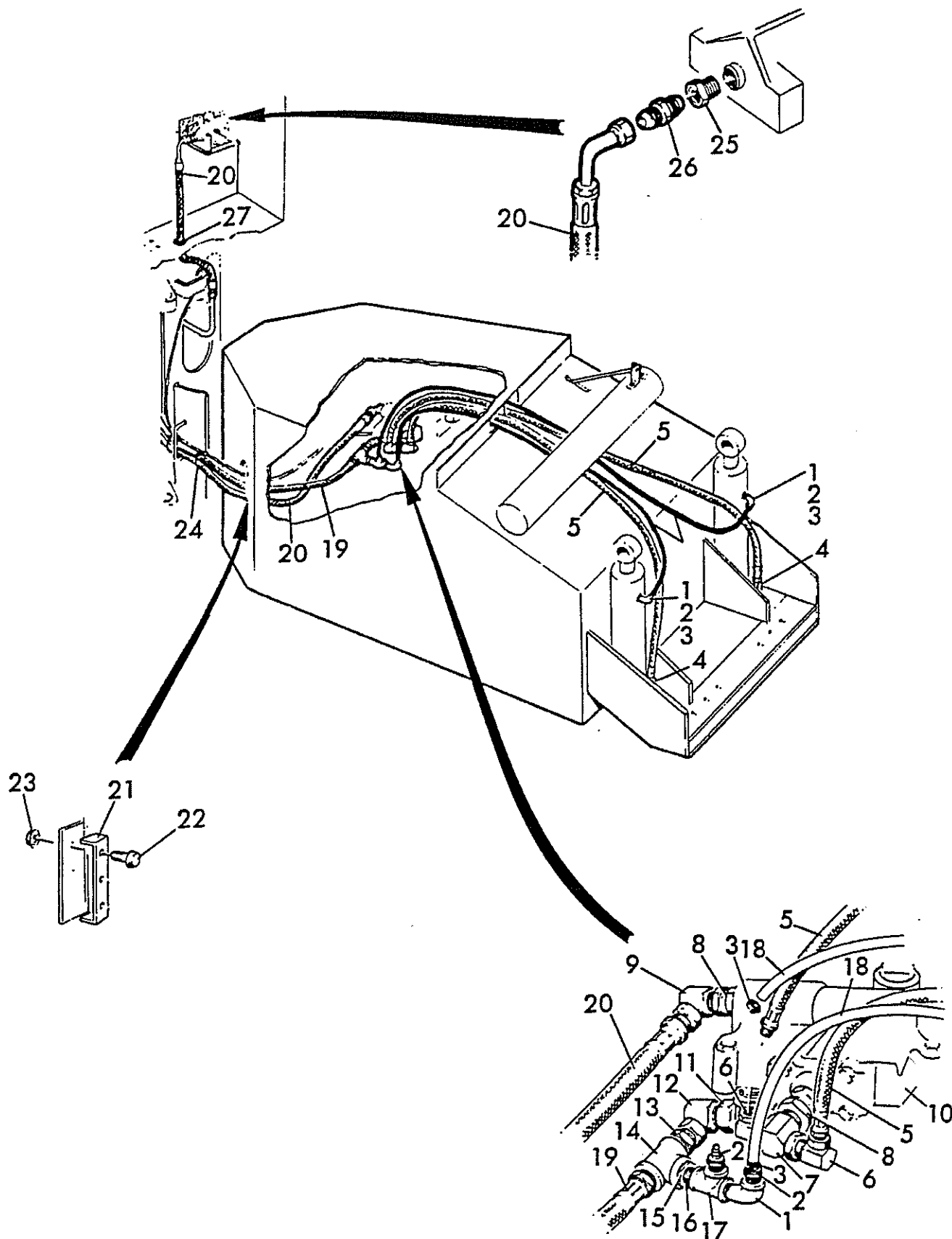
FIGURE 5G1 - HYDRAULIC CIRCUIT 80-84
HYDRAULISCHE KREISLAUF
CIRCUIT HYDRAULIQUE
CIRCUITO HIDRAULICOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V15682	3976896	80-84/	2	Connector - Male
2		V50704		80-84/	1	Hose Assembly - Bypass Power Beyond
3		V47233	3975815	80-84/	1	Tee - Swivel Run
4		V702T117	1860998	80-84/	1	Adapter - Swivel
5		V19522		80-84/	2	Hose Assembly - High Pressure w/o PTO
		V50337		80-84/	2	Hose Assembly - High Pressure w/PTO
6		V16338	3975985	80-84/	1	Elbow - 90° Complete w/O-Ring
7		V57255		80-84/	1	Plug - Socket Head 1/2" - 14 NPTF
8		V19530		80-84/	2	Adapter - Swivel
9		V6887		80-84/	1	Adapter - Swivel
10				80-84/	AR	Valve - Depth Control - See Depth Control Valve - This Section
11		V16979		80-84/	1	Adapter - Swivel
12		V50563		80-84/	2	Hose Assembly
13		V36603		80-84/	1	Hose Assembly - SAE 100 R1 - .75
14		V36604		80-84/	1	Hose Assembly - .75 ID
15		V15745		80-84/	1	Clamp - Hose Implement
16		V30530		80-84/	3	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 2-1/4" - Replaces 30530P
17		V29991	3975622	80-84/	3	Nut - Flange - Hex Serrated 5/16" - 18 UNC - Replaces 29991P
18		V2747	3975860	80-84/	2	Strap - Tie 1/4" x 14
19		V19480		80-84/	1	Kit - Adapter Includes: Seal - Power Beyond Sleeve - Back-up Washer & O-Ring
20		V30128		80-84/	1	Connector
21		V35522	1861009	80-84/	1	Grommet
22		V55593		80-84/	1	Fitting - Special 45°
23		V33464		80-84/	1	Fitting - Special 90°
24		V47821	1860399	80-84/	1	Elbow - Swivel 45° - 35° Flare w/PTO
25				80-84/	AR	Cylinder Assembly - See Breakdown Three Point Hitch Hydraulic Cylinder
		V47039		80-84/	1	Kit - Service Adaptor Includes: Seal - O-Ring & Washer

AR - As Required

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FIGURE 5G2 - HYDRAULIC CIRCUIT 78 - 79



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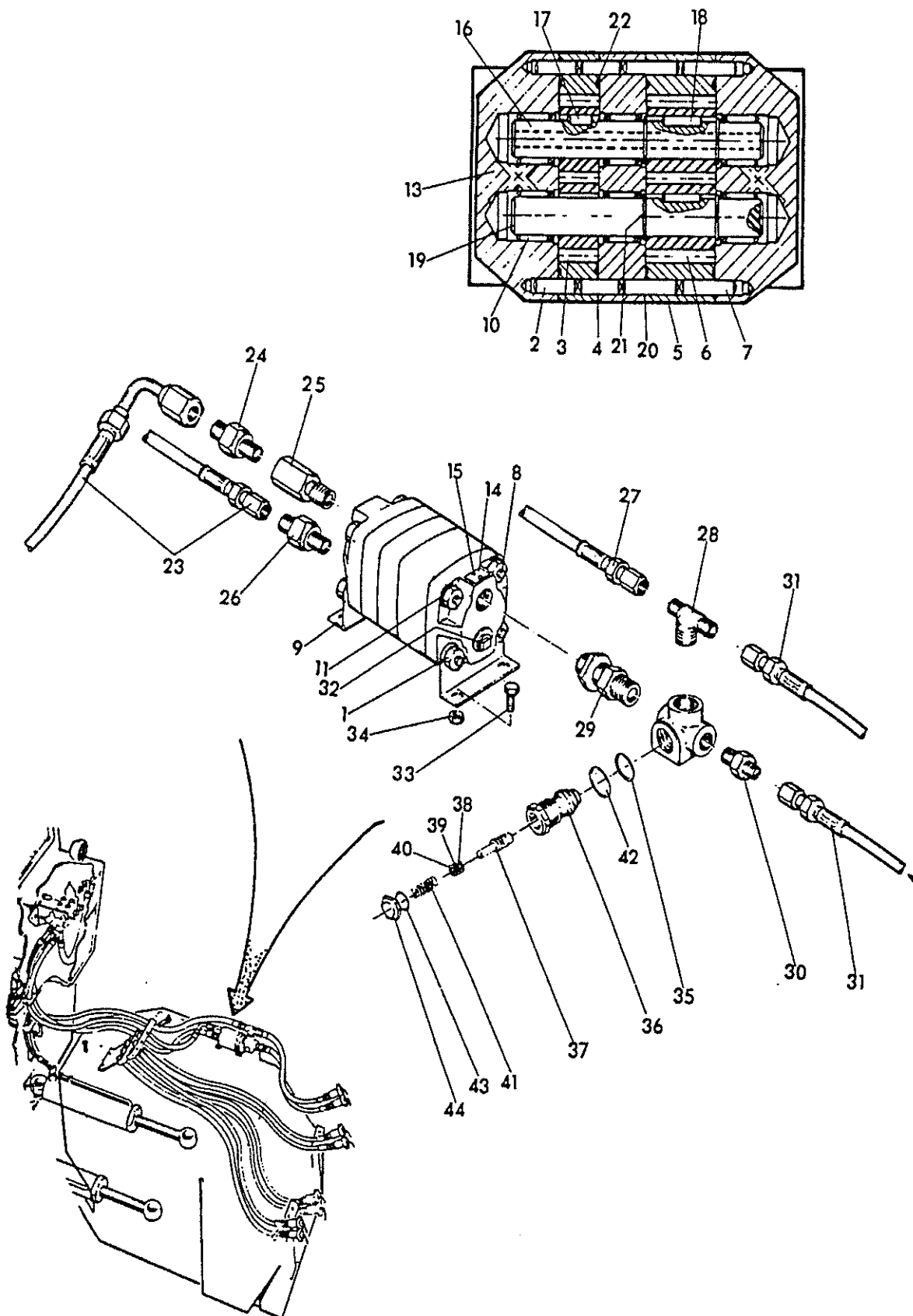
FIGURE 5G2- HYDRAULIC CIRCUIT 78 - 79
 HYDRAULISCHE KREISLAUF
 CIRCUIT HYDRAULIQUE
 CIRCUITO HIDRAULICOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V12053	3975913	78-79/	3	Elbow - Street 3/8" NPT x 90°
2		V608T123A		78-79/	4	Fitting - Push On KA06X06MB
3		V17453	3975991	78-79/	4	Clamp - Hose
4		V702T117	1860998	78-79/	1	Adapter - Swivel 60UA08X08
5		V19522		78-79/	2	Hose Assembly - High Pressure
6		V12584	1860675	78-79/	2	Adapter - Swivel 60UA12X08
7		V19531		78-79/	2	Adapter - Swivel 50VC12X12
8		V19530		78-79/	2	Adapter - Swivel 60SB14X12
9		V6887		78-79/	1	Adapter - Swivel 60TA12X12 - Replaces SW-6887
10		V17119		78-79/	AR	Valve - Depth Control - Refer to Section G-8
11		V16979		78-79/	1	Adapter - Swivel 50UB16X16
12		V19833		78-79/	1	Adapter - Swivel 60TA16X12
13		V19824		78-79/	1	Nipple - Hex 24SA-12
14		V19822		78-79/	1	Tee - 3/4" x 3/4" x 3/4" NPT
15		V304		78-79/	1	Reducer - Hex 3/4" NPTM - 3/8" NPTF - Replaces CR-304
16		V19825		78-79/	1	Nipple - Close 3/8" NPT
17		V20051		78-79/	1	Tee - 3/8" x 3/4" x 3/4" NPT
18		V19524		78-79/	2	Hose - Low Pressure
19		V36603		78-79/	1	Hose Assembly - SAE 100 R1 - .75
20		V36604		78-79/	1	Hose Assembly - .75 ID
21		V15745		78-79/	1	Clamp - Hose Implement - Replaces 15745
22		V30530		78-79/	3	Bolt - Serrated Washer Head 5/16" - 2-1/4" NC - Replaces 30530P
23		V29991	3975622	78-79/	3	Nut - Serrated Washer Head 5/16" NC Replaces 29991P
24		V2747	3975860	78-79/	2	Strap - Tie 1/4" x 14 - Replaces SW-2747
25		V19480		78-79/	1	Adapter - Kit Includes: Seal 19481, P.B. Sleeve 19482 - Back-up Washer 19483 & O-Ring 19484
26		V30128		78-79/	1	Connector
27		V35522	1861009	78-79/	1	Grommet
		V31481	1860431	78-79/	AR	Kit Includes: 5, 7, 10, 11 & 16

AR - As Required

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FIGURE 5H1 - PROPORTIONATOR



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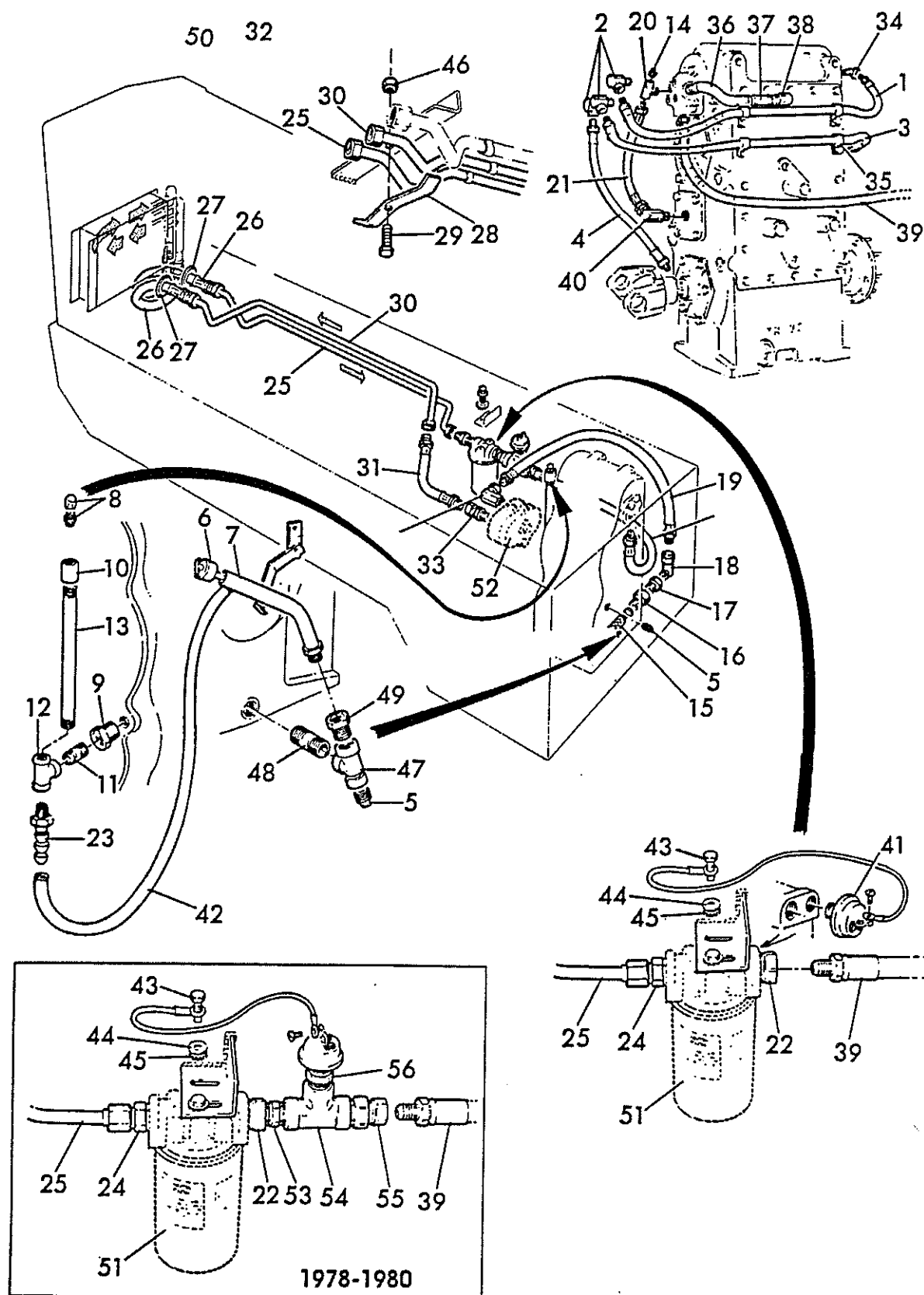
FIGURE 5H1 - PROPORTIONATOR
PROPORTIONER
PROPORTIONATEUR
PROPORCIONADOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V47402		79/	1	Proportionator Assembly - Double
2		V50406		79/	8	Nut - Hex
3		V50405		79/	4	Pin - Dowel
4		V54184		79/	2	Gear
5				79/	1	Case
6		V54183		79/	1	Case
7		V50404		79/	2	Gear
8		V50403		79/	4	Key - Dowel
				79/	4	Stud
9		V54182		79/	2	Bracket - Mounting
10		V50402		79/	4	Bearing
11		V50401		79/	4	Washer - Steel
12		V50400		79/	4	Plug
13				79/	2	Plate - End
14				79/	1	Plate - Name
15				79/	2	Screw - Drive
16		V54181		79/	1	Shaft - Idler
17		V50399		79/	1	Key - Dowel
18		V50398		79/	2	Key - Dowel
19		V54180		79/	1	Shaft - Idler
20		V54179		79/	1	Spacer - Plate
21		V50397		79/	4	Ring - Retaining
22		V50396		79/	4	O-Ring
23		V47237		79/	2	Hose Assembly - 100R1 - 1/2"
24		V16994	1860663	79/	1	Connector - 37° Flare 10
25		V47197		79/	1	Valve - 1/2" NPT Check
26		V47234		79/	1	Connector - 37° Flare x 1/2" NPT
27		V47235		79/	1	Hose Assembly - 100R1 - 1/2"
28		V35453		79/	1	Tee - Male Branch
29		V6507		79/	1	Nipple - Hex Pipe 1/2" NPTF - Replaces SW-6507
30		V29397		79/	1	Connector - 37° Flare 8
31		V47238		79/	2	Hose Assembly - 100R2 - 1/2"
32		V20396		79/	1	Plug - 1/2" NPT
33		V29892	3975613	79/	4	Bolt - Serrated Washer Head 3/8" UNC x 3/4" Long
34		V29803	3975610	79/	4	Nut - Serrated Washer Hex 3/8" - UNC
		V47481		79/	1	Valve Assembly - Relief
35		V47106		79/	1	Seal - O-Ring
36		V47107		79/	1	Body - Relief
37		V47108		79/	1	Poppet - Relief
38		V17632		79/	AR	Shim - .040
39		V47111		79/	AR	Shim - .020
40		V47110		79/	AR	Shim - .010
41		V47480		79/	1	Spring - Silver
42		V708T105		79/	1	Seal - O-Ring
43		V708T104		79/	1	Seal - O-Ring
44		V17606		79/	1	Cap - Relief

AR - As Required

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FIGURE 5J1 - TRANSMISSION LUBRICATION SYSTEM



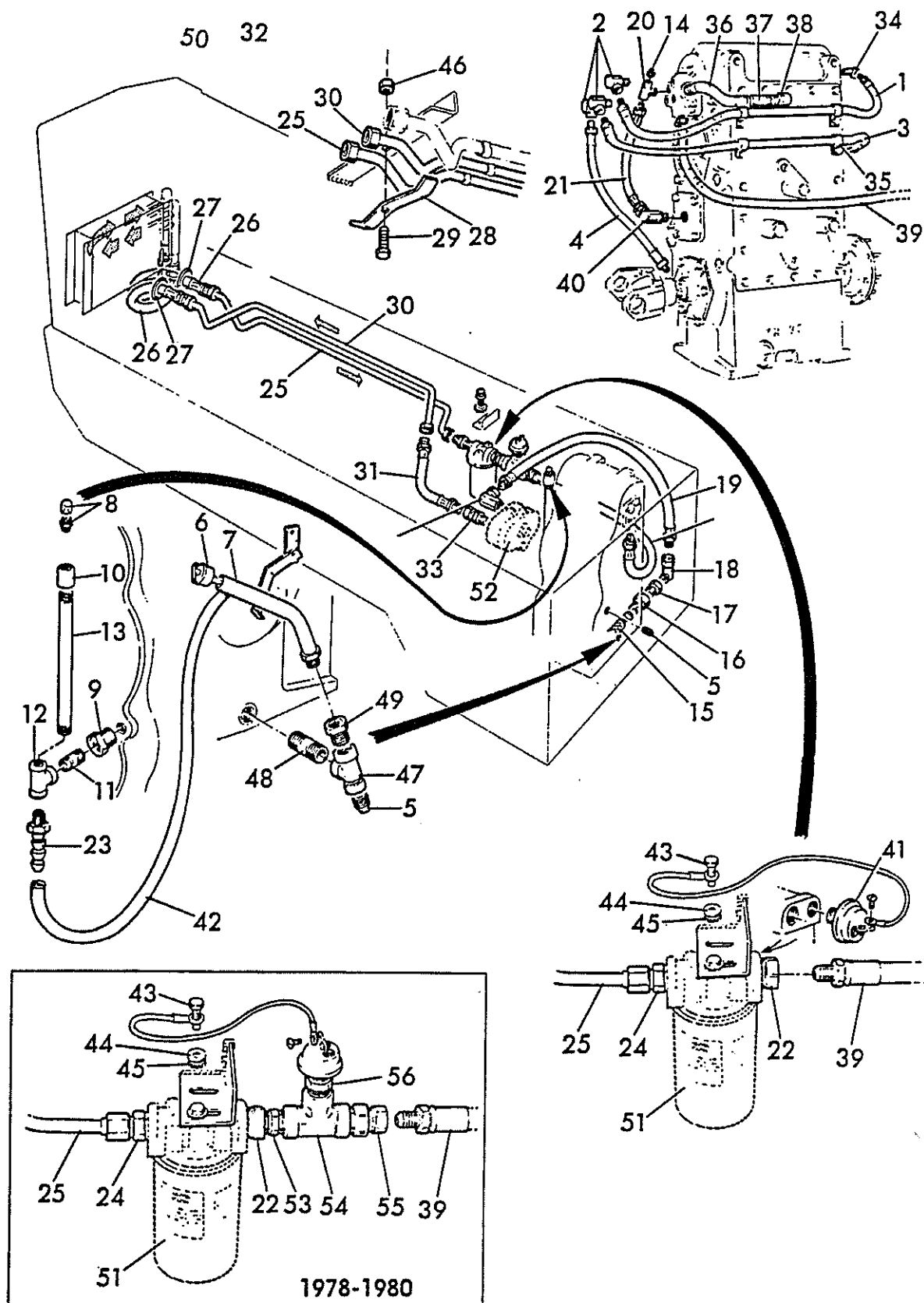
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FIGURE 5J1 - TRANSMISSION LUBRICATION SYSTEM
 GETRIEBE SCHMIERUNG SYSTEM
 SYSTÈME DE GRAISSAGE DE TRANSMISSION
 SISTEMA DE ENGRASE DE TRANSMISIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V35506	1860674	78-84/	1	Hose - 1/4" ID Medium to High Pressure
2		V17499	1860670	78-84/	3	Adapter - Swivel 90° - 1/4"
3		V15767	1860673	78-84/	1	Hose - 1/4" ID Medium to High Pressure
4		V15766	1860671	78-84/	1	Hose - 1/4" ID Medium to High Pressure
5		V6938	1860692	78-84/	2	Plug - 1/2" NPT - Replaces SW-6938
6		V54408		81-84/	1	Dipstick - Transmission
		V102355	1860977	78-80/	1	Dipstick - Transmission - Replaces 30329
7		V30330	1860688	78-84/	1	Tube - Transmission Dipstick
8		V8053	1860680	78-84/	1	Breather - 1/8" NPT - Replaces L-8053
9		V19793	1860686	78-84/	1	Bushing - Reducer 3/4" x 1/8"
10		V12134	1860681	78-84/	1	Coupling - 1/8" - Replaces L-12134
11		V12805	1860685	78-84/	1	Nipple - 1/8" NPT
12		V12806	1860684	78-84/	1	Tee - 1/8" NPT
13		V13029	1860682	78-84/	1	Nipple - 1/8" x 4.5
14		V13715	1860792	78-84/	1	Plug - 1/4" NPT
15		V20199	1860669	78-84/	1	Sieve - 1" NPT
16		V6948	1860668	78-84/	1	Bushing - Reducer Double Tapped - Replaces SW-6948
17		V17133	1860667	78-84/	1	Bushing - Reducer 1" x 3/4"
18		V17134	1860666	78-84/	1	Elbow - Street 3/4"
19		V50320	1860665	81-84/	1	Hose - Suction 3/4" ID
		V19949		78-80/	1	Hose - Suction 3/4" ID
20		V33691	1860774	81-84/	1	Tee - 1/4" NPT Male Branch
20		V47052		78-80/	1	Tee - 1/4" NPT Male Branch
21		V47051	1860676	78-84/	1	Hose Assembly - 3/16" ID
22		V15684	1860996	81-84/	1	Adapter - Swivel 3/4" NPT Female x 1/2" NPT Male
22		V17194		78-80/	1	Bushing - Reducer 3/4" - 1/2"
23		V6982	1860683	78-84/	1	Insert - Hose 1/8" NPT - Replaces SW-6982
24		V15664		78-84/	1	Connector - 45° Flare x 3/4" NPT
25		V29938		78-84/	1	Tube - Cooler Outlet - Replaces TRA-29938
26		V30097		78-84/	2	Hose - 100 R1 - 0.5
27		V30319		78-84/	2	Grommet
28		V29981		78-84/	1	Clamp - Tube - Replaces TR-29981
29		V12251		81-84/	2	Screw - Cap Hex 5/16" - 18 UNC x 1-1/2"
29		V12084		78-80/	2	Screw - Cap 5/16" - 18 UNC x 1-1/4"
30		V29937		78-84/	1	Tube - Cooler Inlet - Replaces TRA-29937
31		V15676		78-84/	1	Hose - 1/2" 10 Medium to High Pressure
32		V16338	3975985	81-84/	1	Elbow - 90° w/O-Ring
32		V701T128		78-80/	1	Adapter - Swivel 90° - 3/4"
33		V701T125		78-84/	1	Adapter - Swivel 5/8" x 1/2"
34		V35505	1861588	78-84/	1	Elbow - Street 1/8" NPTF 45°
35		V17443	1860672	78-84/	4	Clip - Hose 1/2" Dia
36		V19392	1860995	78-84/	1	Hose - 1/2" ID Medium to High Pressure
37		V21729	1860997	78-84/	1	Valve - Relief 15 x 1/2" PSI
38		V12584	1860675	78-84/	1	Adapter - Swivel 90° - 1/2" x 3/4"
39		V17136		78-84/	1	Hose - 1/2" ID Medium to High Pressure

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FIGURE 5J1 - TRANSMISSION LUBRICATION SYSTEM



1978-1980

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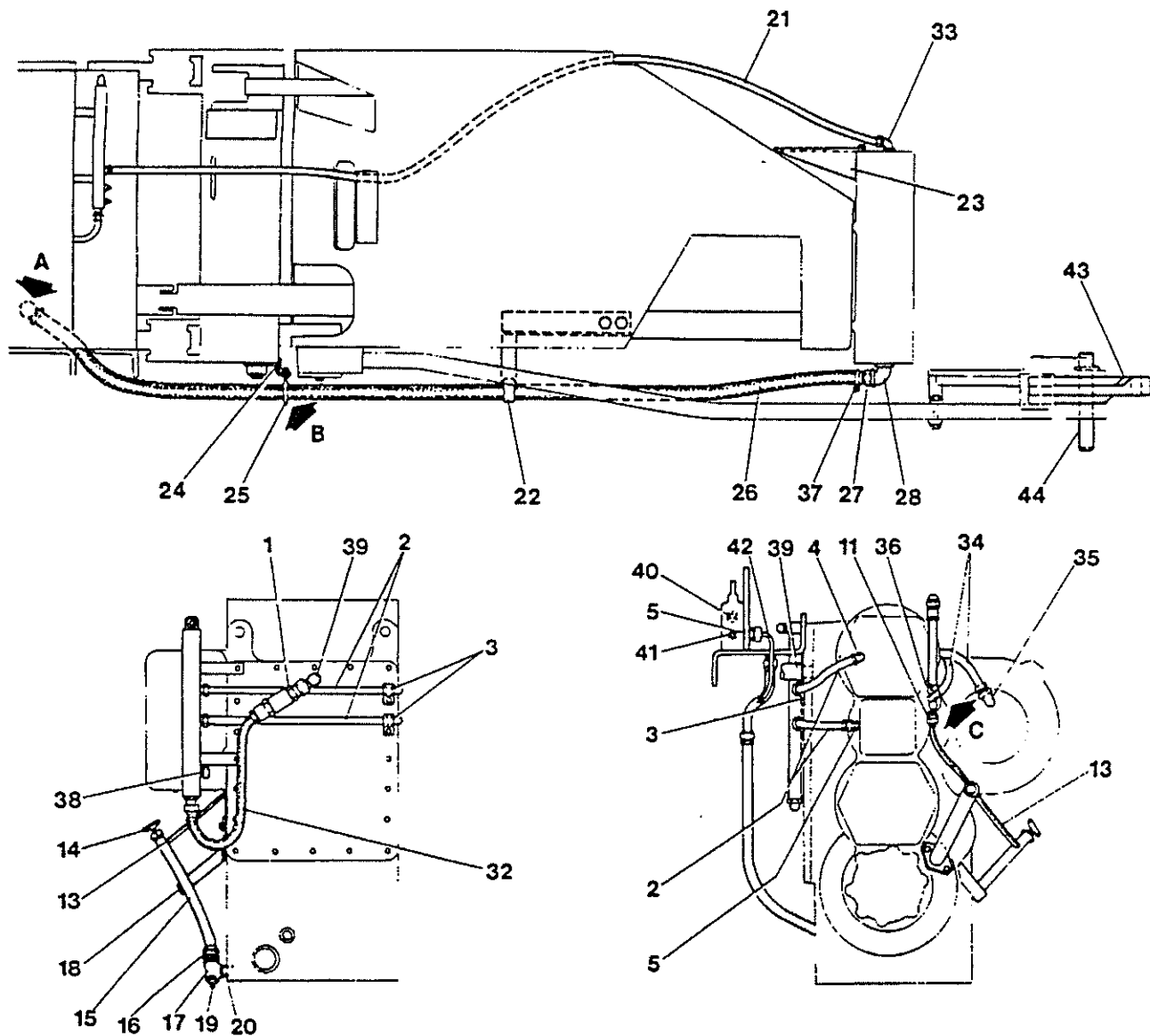
FIGURE 5J1 - TRANSMISSION LUBRICATION SYSTEM
 GETRIEBE SCHMIERUNG SYSTEM
 SYSTÈME DE GRAISSAGE DE TRANSMISSION
 SISTEMA DE ENGRASE DE TRANSMISIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
40		V17132	1860678	78-84/	1	Bushing - Reducer 1/4" x 1/2"
41		9703873		78-84/	1	Switch - Pressure - Replaces 20381
		9703874		78-84/	1	Boot - Switch - Use w/#41
42		V19256	1861667	78-84/	1	Hose - 1/4" ID x 2.6
43		V12231	3975932	78-84/	2	Bolt - 1/4" x 3/4" NC - Replaces 12231P
44		V18601	3975999	78-84/	2	Washer - Flat 1/4" ID - Replaces 18601P
45		V20187		78-84/	2	Washer - Lock External Tooth 5/16" - Replaces 20187P
46		V12344	1861714	78-84/	2	Nut - Lock Hex 5/16" - 18 UNC
47		V30332	1860691	78-84/	1	Tee - Reducing 3/4"
48		V12686	1860693	78-84/	1	Nipple - 1/2" Close
49		V701T123	1860690	78-84/	1	Swivel - Adapter Union
50		V32345	1860689	78-84/	1	Support - Dipstick Tube - Replaces TRA-32345
51		V63739	1860657	81-84/	AR	Filter - See Hydraulic System Filters - This Section
51		V7709		78-80/	AR	Filter - See Breakdown This Section
52		9701538	9701538	78-84/	AR	Pump - See Transmission Lubrication Pump - This Section - Replaces 47028
53		V6507		78-80/	1	Nipple - Hex Pipe 1/2" NPT
54		V16972		78-80/	1	Tee - 1/2" NPT
55		V711T116		78-80/	1	Adapter - Swivel 1/2" x 1/2"
56		V20323		78-80/	1	Bushing - Reducer 1/2" x 1/8"

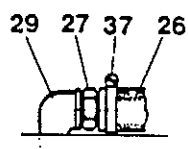
AR - As Required

835 TRACTOR

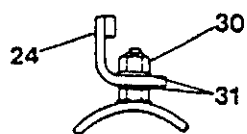
FIGURE 5J2 - TRANSMISSION LUBRICATION SYSTEM LEFT-SIDE PTO



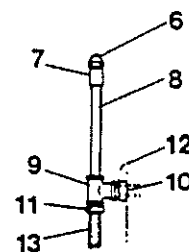
DETAIL A



DETAIL B



DETAIL C



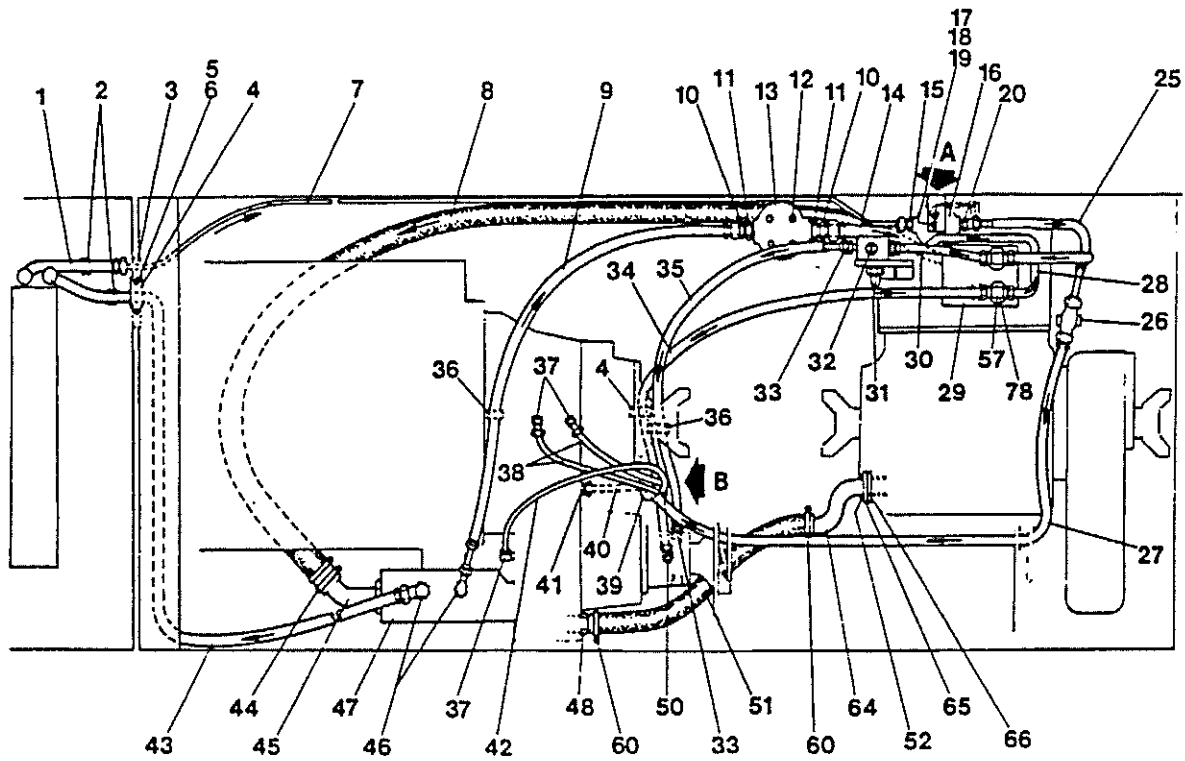
835 TRACTOR

FIGURE 5J2 - TRANSMISSION LUBRICATION SYSTEM LEFT-SIDE PTO
 GETRIEBE SCHMIERUNG SYSTEM - ZAPFWELLE LINKSEITE
 SYSTÈME DE LUBRIFICATION DE TRANSMISSION - PRISE DE FORCE CÔTÉ GAUCHE
 SISTEMA DE LUBRIFICACION DE TRANSMISIÓN - TOMA DE FUERZA LATERAL IZQUIERDA

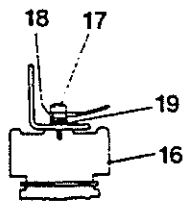
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V21729	1860997	78-84/	1	Valve - Check
2		V49564		78-84/	2	Hose Assembly - Transmission Lubrication
3		V17443	1860672	78-84/	2	Clip - 1/2" Dia Hose
4		V47808	1861041	78-84/	1	Elbow - 45° Male 37° Flare
5		V49547		78-84/	2	Connector - Male
6		V8053	1860680	78-84/	1	Breather - 1/8" NPT
7		V12134	1860681	78-84/	1	Coupling - 1/8" NPT
8		V13029	1860682	78-84/	1	Nipple - 1/8" x 4.5
9		V12806	1860684	78-84/	1	Tee - 1/8" NPT
10		V19793	1860686	78-84/	1	Bushing - Reducer 3/4" x 1/8"
11		V6982		78-84/	1	Insert - Hose 1/8" NPT x 1/4"
12		V12805	1860685	78-84/	1	Nipple - Close 1/8" NPT
13		V19256	1861667	78-84/	1	Hose - 1/4" ID x 26
14		V54408	1860687	79,81-84/	1	Dipstick - Transmission
		V102355	1860977	78-80/	1	Dipstick - Transmission
15		V30330	1860688	78-84/	1	Tube - Transmission Dipstick
16		V701T123	1860690	78-84/	1	Swivel - Adaptor Union
17		V30332	1860691	78-84/	1	Tee - Reducing 3/4" x 1/2" x 1/2" NPT
18		V32345	1860689	78-84/	1	Support - Dipstick Tube
19		V6938	1860692	78-84/	1	Plug - 1/2" NPT
20		V12686	1860693	78-84/	1	Nipple - Close 1/2"
21		V50259		78-84/	1	Hose Assembly - Rear Dropbox Lube
22		V52681		78-84/	1	Bracket - PTO Drain
23		V49511		81-84/	1	Shield - PTO
		V52638		78-80/	1	Shield - PTO
24		V52680		78-84/	1	Bracket - PTO Return Line
25		V52685		78-84/	1	Swivel - PTO Drain Line
26		V50260		78-84/	1	Hose - Drain
27		V50258		78-84/	2	Insert - Hose 1"
28		V702T154		78-84/	1	Elbow - 90° 1 NPT
29		V702T155	1860980	78-84/	1	Elbow - Street 90° 1 NPT
30		V12131	3975929	78-84/	1	Nut - Lock Nylon Insert 3/8" - 16 UNC - Replaces 12131P
31		V47360	3975822	78-84/	2	Washer - Plain 13/32" ID x 13/16" OD x 16 GA
32		V49575		78-84/	1	Hold Assembly - Relief Valve to Manifold
33		V49713		78-84/	1	Elbow - 90° Male 37° Flare
34		V49569		78-84/	2	Hose Assembly - Input Shaft Cap
35		V47789	1862389	78-84/	1	Elbow - 90° Male 37° Flare
36		V47258	1861038	78-84/	1	Connector - Male 37° Flare
37		V20387		78-84/	2	Clamp - Hose
38		V47732	3975829	78-84/	1	Cap - 37° Flare
39		V12584	1860675	78-84/	1	Union - 90° Adaptor 12 x 8
40		V15682	3976896	78-84/	1	Connector - Male 37° Flare 3/8" NPTF
41		V49548		78-84/	1	Connector - Male 37° Flare 1/4" NPTF
42		V49567		78-84/	1	Hose Assembly - Modulator Drain
43		V51337		81-84/	1	Drawbar - Extension
44		9702478	9702478	81-84/	1	Hitchpin - Replaces 51340

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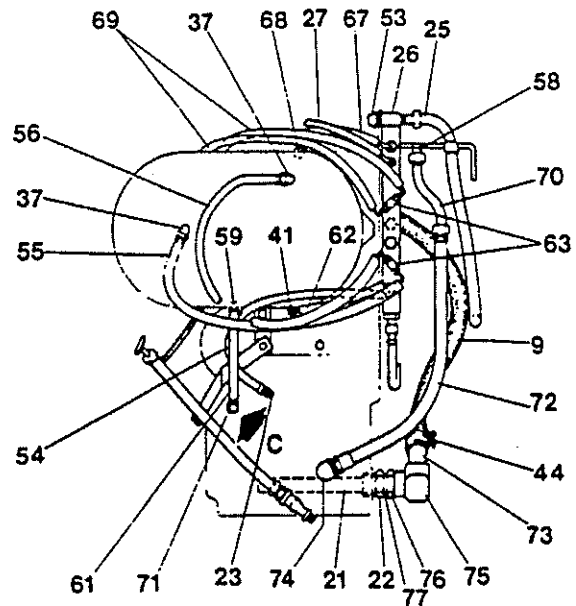
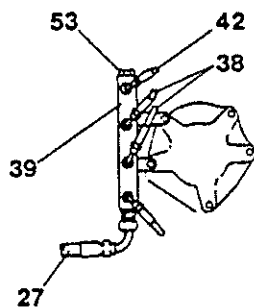
FIGURE 5J3 - TRANSMISSION LUBRICATION SYSTEM RIGHT-SIDE PTO



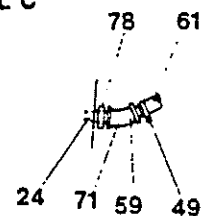
DETAIL A



DETAIL B



DETAIL C



835 TRACTOR

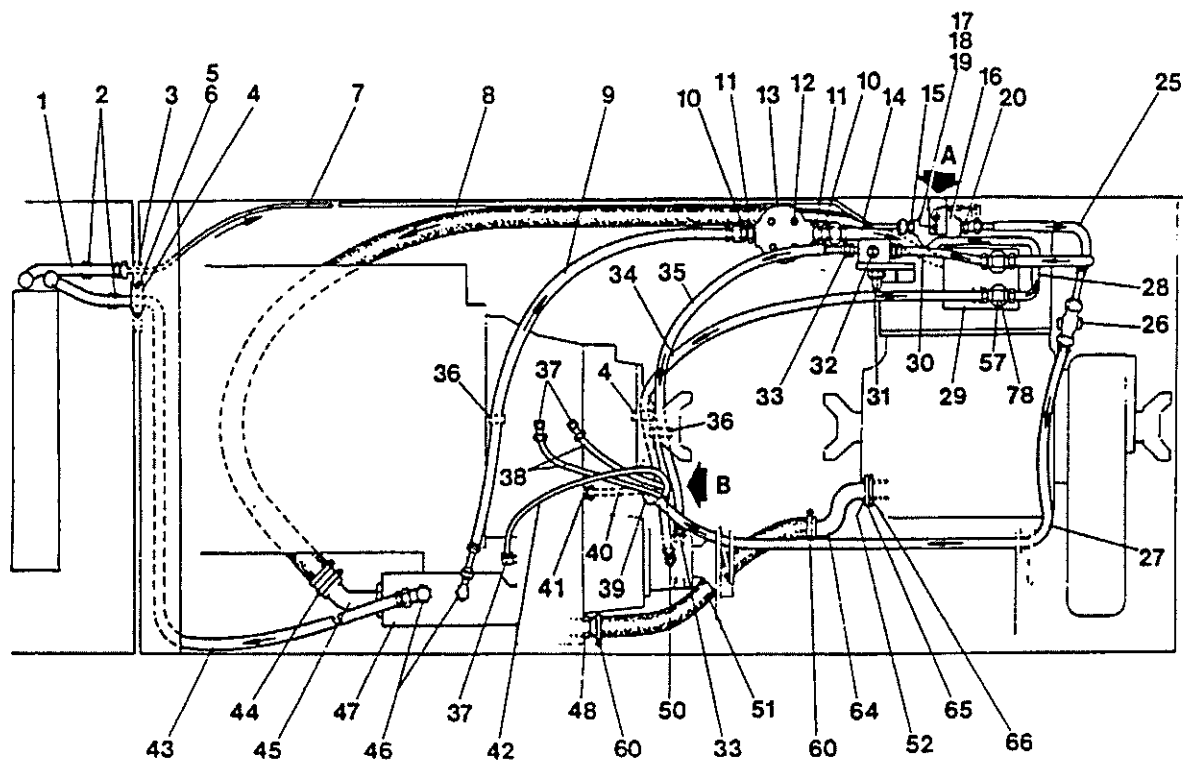
FIGURE 5J3 - TRANSMISSION LUBRICATION SYSTEM RIGHT-SIDE PTO
 GETRIEBE SCHMIERUNG SYSTEM - ZAPFWELLE RECHTSEITE
 SYSTÈME DE LUBRIFICATION DE TRANSMISSION - PRISE DE FORCE CÔTÉ DROIT
 SISTEMA DE LUBRIFICACION DE TRANSMISION - TOMA DE FUERZA LATERAL DERECHA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30097		78-84/	1	Hose Assembly - 100 R1 - .5
2		V50519		78-84/	2	Grommet
3		V29981		78-84/	1	Clamp - Tube
4		V23689		78-84/	2	Clamp - Hose
5		V12084	1861092	78-84/	2	Screw - Cap Hex Grade 5 5/16" - 18 UNC x 1-1/4"
6		V12344	1861714	78-84/	1	Nut - Lock 5/16" - 18 UNC
7		V29938		78-84/	1	Tube Assembly - Cooler Outlet
8		V58463		81-84/	1	Hose - Suction 1-1/2" ID
		V30147		78-80/	1	Hose - Suction 1-1/2" ID
9		V49580		78-84/	1	Hose Assembly - PTO Pump to Filter
10		V29397		78-84/	2	Connector - Male 37° Flare 1/2" NPTF
11		V17111		78-84/	2	Bushing - Reducer Pipe 1" x 1/2"
12		V29893	3975615	78-84/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4"
13				78-84/	AR	Filter - Return - See Hydraulic System Filters - Section 4
14		V49578		78-84/	1	Hose Assembly - Pressure Filter to Regulator
15		V15664		78-84/	1	Connector - 45° Flare x 3/4" NPTF
16				78-84/	AR	Filter - See Hydraulic System Filters - Section 4
17		V12231	3975932	78-84/	2	Screw - Cap Hex 1/4" - 20 UNC x 3/4" - Replaces 12231P
18		V18601	3975999	78-84/	2	Washer - Plain 5/16" ID x 3/4" OD x 16 GA - Replaces 18601P
19		V20187		78-84/	2	Washer - Lock External Tooth 5/16" ID - Replaces 20187P
20		V15684	1860996	78-84/	1	Adaptor - Swivel 3/4" NPT Female x 1/2" NPT Male
21		V20199	1860669	78-84/	1	Sieve - 1 NPT
22		V6948	1860668	78-84/	1	Bushing - Reducer Double Taped
23		V49547		78-84/	1	Connector - Male
24		V12686	1860693	78-84/	1	Nipple - Close 1/2"
25		V49576		78-84/	1	Hose Assembly - Transmission Lubrication Filter
26		V49365		78-84/	1	Manifold - PTO Transmission Lubrication
27		V50382		81-84/	1	Hose Assembly - Front Manifold
		V49574		78-80/	1	Hose Assembly - Front Manifold
28		V49451		78-84/	1	Tube Assembly
29		V31346		78-84/	1	Main Regulator Assembly
30		V49450		78-84/	1	Tube Assembly - Apply
31		V49567		78-84/	1	Hose Assembly - Modulator Drain
32				78-84/	AR	Valve Assembly - PTO - See PTO Regulator Valve - This Section

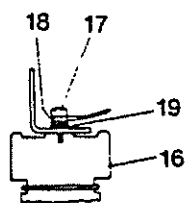
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835 TRACTOR

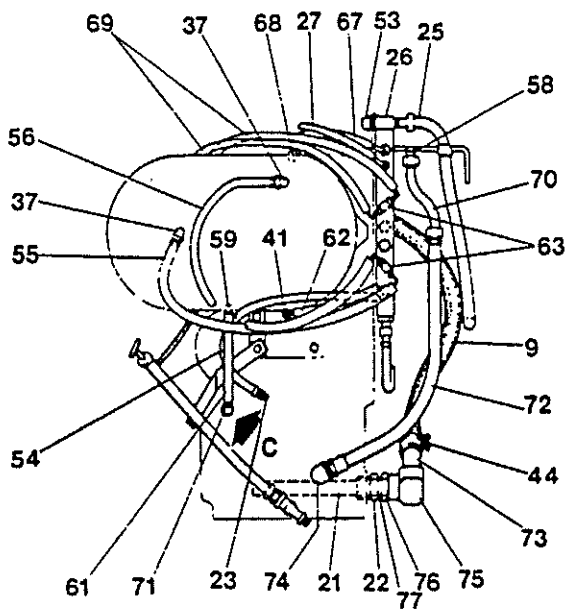
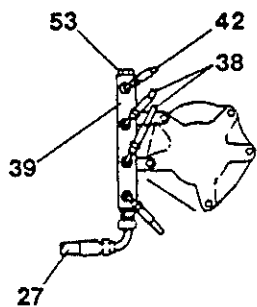
FIGURE 5J3 - TRANSMISSION LUBRICATION SYSTEM RIGHT-SIDE PTO



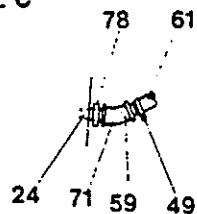
DETAIL A



DETAIL B



DETAIL C

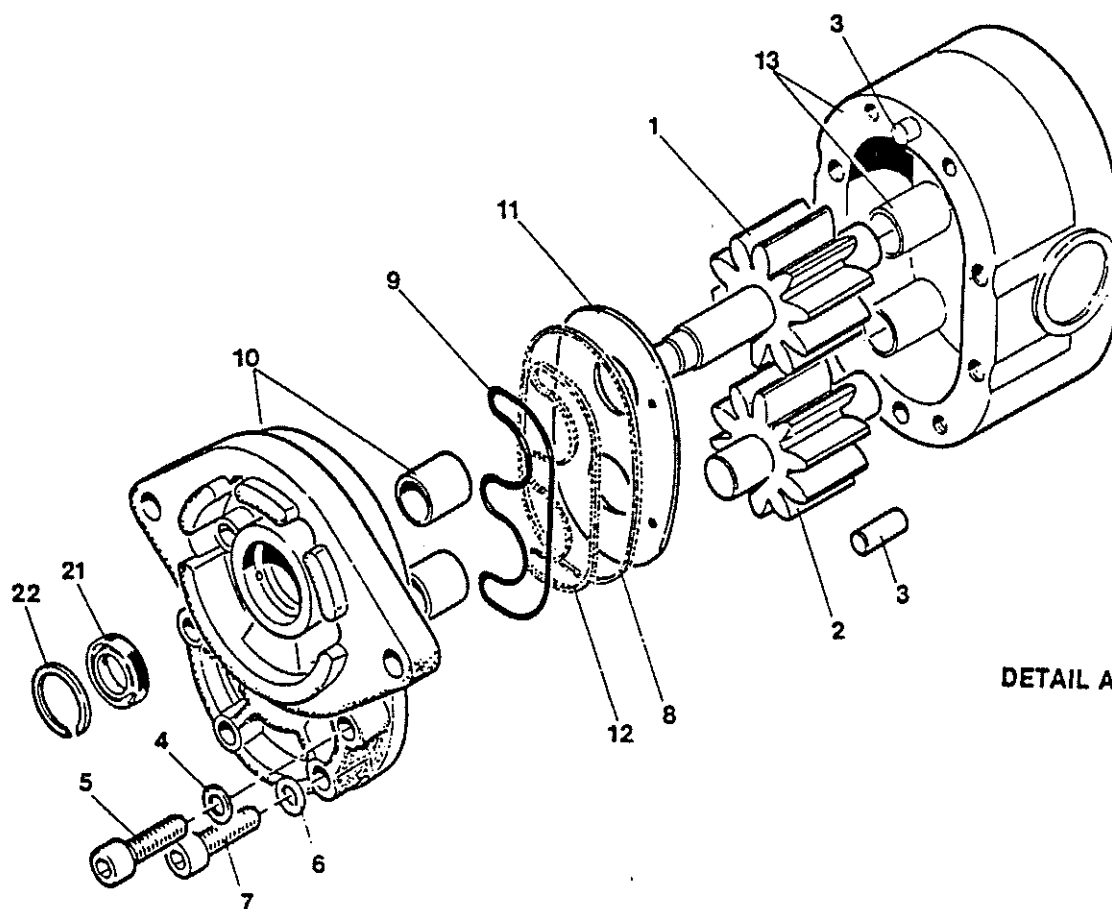
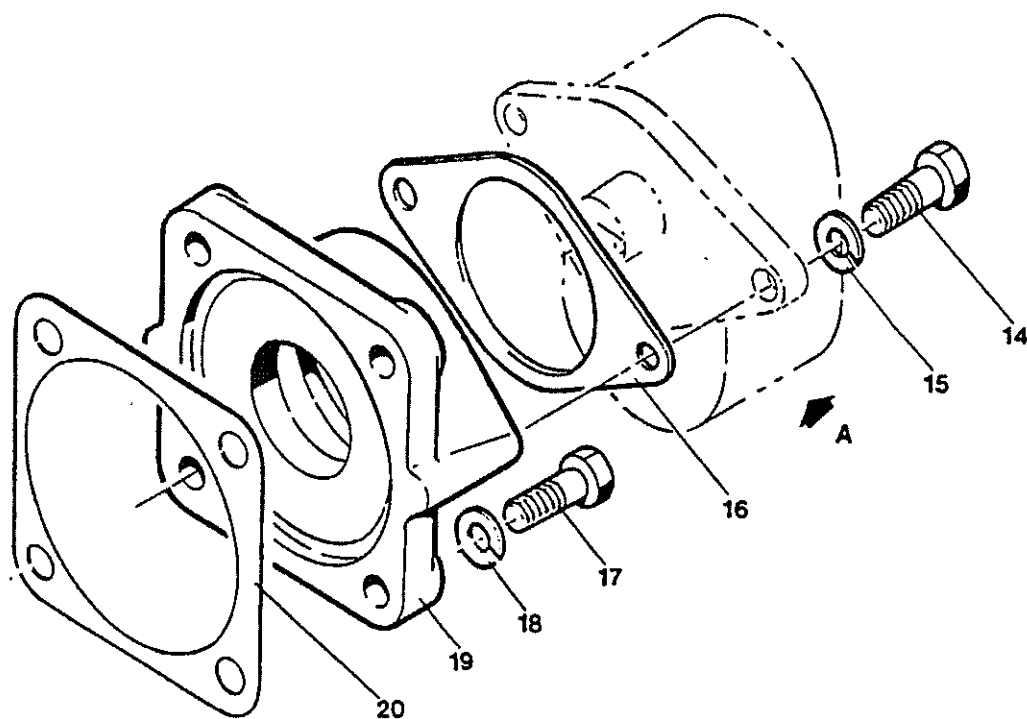


835 TRACTOR

FIGURE 5J3 - TRANSMISSION LUBRICATION SYSTEM RIGHT-SIDE PTO
 GETRIEBE SCHMIERUNG SYSTEM - ZAPFWELLE RECHTSEITE
 SYSTÈME DE LUBRIFICATION DE TRANSMISSION - PRISE DE FORCE CÔTÉ DROIT
 SISTEMA DE LUBRIFICACION DE TRANSMISIÓN - TOMA DE FUERZA LATERAL DERECHA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
33		V4070		78-84/	2	Connector - Male 37° Flare 3/8" NPTF
34		V49579		78-84/	1	Hose Assembly - Hydraulic Clutch
35		V49573		78-84/	1	Hose Assembly - Apply Hydraulic Clutch
36		V53166		78-84/	2	Clamp - Hose
37		V47789	1862389	78-84/	5	Elbow - 90° Male 37° Flare
38		V49568		78-84/	2	Hose Assembly - Lube Engine Box Top
39		V49364		78-84/	1	Manifold - PTO Hydraulic Lube
40		V49566		78-84/	1	Hose Assembly - Lube Idler Shaft
41		V47258	1861038	78-84/	2	Connector - Male 37° Flare
42		V49572		78-84/	1	Hose Assembly - Lube Engine Box
43		V49582		78-84/	1	Hose Assembly - PTO Pump to Cooler
44		V609T144	1860071	78-84/	4	Clamp - Hose
45		V49695	1860091	78-84/	1	Insert - Hydraulic Hose
46		V49549		78-84/	2	Elbow - 90° - 37° Flare 7/8" - 14 O-Ring
47				78-84/	AR	Pump - Hydraulic - See PTO Hydraulic Pump - This Section
48		V50220		78-84/	1	Insert - Hose 1-1/4"
49		V20387		78-84/	1	Clamp - Hose
50		V32804	1860386	78-84/	1	Elbow - 90° Male 37° Flare 1/2" NPTF
51		V50285		78-84/	1	Hose - Drain to Transmission
52		V29804	3975611	78-84/	2	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4"
53		V47735		81-84/	2	Cap - 37° Flare 3/4" - 16 UNC
		V47732		78-80/	2	Cap - 37° Flare 3/4" - 16 UNC
54		V49563		78-84/	1	Hose Assembly - Output Shaft
55		V49570		78-84/	1	Hose Assembly - Output Shaft Cover
56		V49571		78-84/	1	Hose Assembly - Output Flange
57		V35453		78-84/	2	Tee - Male Branch 37° Flare
58		V15668		78-84/	1	Connector - Male 37° Flare 3/4" NPTF
59		V50221		78-84/	2	Nipple - Half 3/4" NPT
60		V320211V1	1861195	78-84/	2	Clamp - Hose
61		V50224		78-84/	1	Hose - Drain 1" ID x 7
62		V50222		78-84/	1	Hose Assembly - Countershaft Lube
63		V47860		78-84/	2	Tee - Swivel Branch 37° Flare
64		V53437		78-84/	1	Tube - Drain
65		V53439		78-84/	1	Gasket - Tube Drain
66		V53435		78-84/	1	Adaptor - Drain 1-1/4"
67		V49565		78-84/	1	Hose Assembly - Lube Input Shaft
68		V49713		78-84/	1	Elbow - 90° Male 37° Flare
69		V49569		78-84/	2	Hose Assembly - Input Shaft Cap
70		V49363		78-84/	1	Tube - PTO Regulator Drain
71		V20290		78-84/	1	Elbow - 45° 3/4" NPT
72		V49581		78-84/	1	Hose Assembly - Regulator Bypass
73		V48178		78-84/	1	End - Hose
74		V17134	1860666	78-84/	1	Elbow - Street 90° 3/4" NPTF
75		V35255		78-84/	1	Elbow - 90° 1-1/4" x 1-1/4"
76		V49550		78-84/	1	Bushing - Reducer 1-1/4" x 1"
77		V608T143		78-84/	1	Nipple - Close 1 NPT
78		V17194		78-84/	3	Bushing - Reducer 3/4" x 1/2"

AR - As Required

835 TRACTOR**FIGURE 5K1 - TRANSMISSION LUBRICATION PUMP S1**

835 TRACTOR

FIGURE 5K1 - TRANSMISSION LUBRICATION PUMP S1
 GETRIEBE SCHMIERUNGSPUMPE
 POMPE DE GRAISSAGE DE TRANSMISSION
 BOMBA DE ENGRASE DE TRANSMISIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		9701538	9701538	84/	1	Pump - Complete Assembly - Replaces 47028 & 47028S1 Includes: 1-13, 21 & 22
1		V53672	1860695	78-84/	1	Drive Gear Assembly
2		V53671	1860696	78-84/	1	Idler Gear Assembly
3		V22899	1860697	78-84/	2	Pin - Dowel
4	(1)	V50212	1860698	83-84/	4	Washer
	(2)	V705T136		78-83/	4	Washer
5		V705T137	1860699	78-84/	4	Screw - Cap Hex Socket 3/8" - 16 UNC x 1-1/2"
		V14168		78-83/	4	Screw - Cap Hex Socket 3/8" - 16 UNC x 1-1/2"
6		V705T138	1860700	78-84/	4	Washer
7		V705T139	1860701	78-84/	4	Screw
8	(1)			83-84/	1	Sealing - Ring
	(2)	V705T142		78-83/	1	Sealing - Ring
9	(1)			83-84/	1	Seal - Preload
	(2)	V705T143		78-83/	1	Seal - Preload
10		V22900	1860702	78-84/	1	Body - R.H. Assembly Includes: 21 & Bearings
11		V705T145	1860703	78-84/	1	Plate - Wear
12	(1)			83-84/	1	Seal - Load
	(2)	V705T146		78-83/	1	Seal - Load
13		V53677	1860704	78-84/	1	Cover Assembly Includes: Bearings
14		V12057	3975914	78-84/	2	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 1-1/2"
15		V12011	3975908	78-84/	2	Washer - Lock Helical Spring 3/8" ID
16		V15781	1860653	78-84/	1	Gasket - Pump
17		V12008	1859824	78-84/	4	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 1-1/2"
18		V12007	3975906	78-84/	4	Washer - Lock Helical Spring 1/2" ID
19		V18368	1860604	78-84/	1	Cap - Bearing Pump Mount
20		V805T062	1860623	78-84/	AR	Shim - 4-3/8" Bore .003 Green
		V805T063	1860624	78-84/	AR	Shim - 4-3/8" Bore .005 Blue
		V805T064	1860625	78-84/	AR	Shim - 4-3/8" Bore .010 Brown
		V805T065	1860626	78-84/	AR	Shim - 4-3/8" Bore .020 Yellow
21	(1)	V66307		83-84/	1	Seal - Oil
	(2)	V25430		78-83/	1	Seal - Oil
22	(1)	V29843		78-81/84	1	Ring - Retaining
	(2)	V29893	3975615	82-83/	1	Ring - Retaining
		V22901	1860708	78-84/	AR	Kit - Repair Seal Includes: 8, 9, 12, 21 & 22

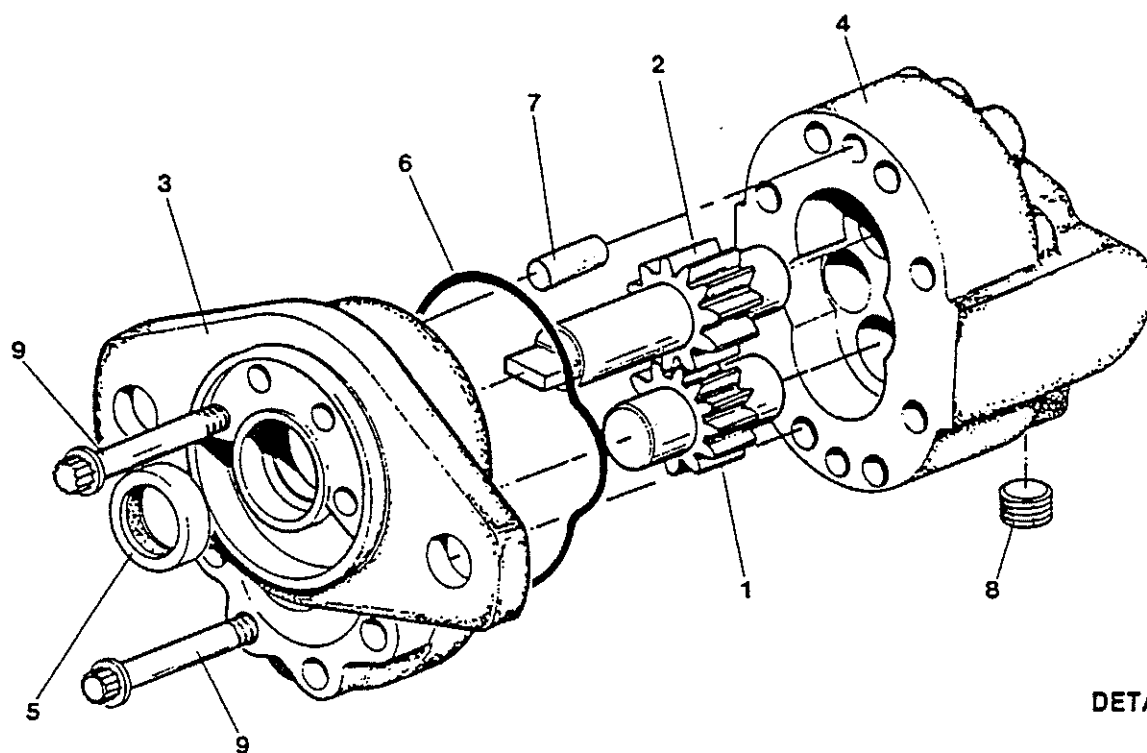
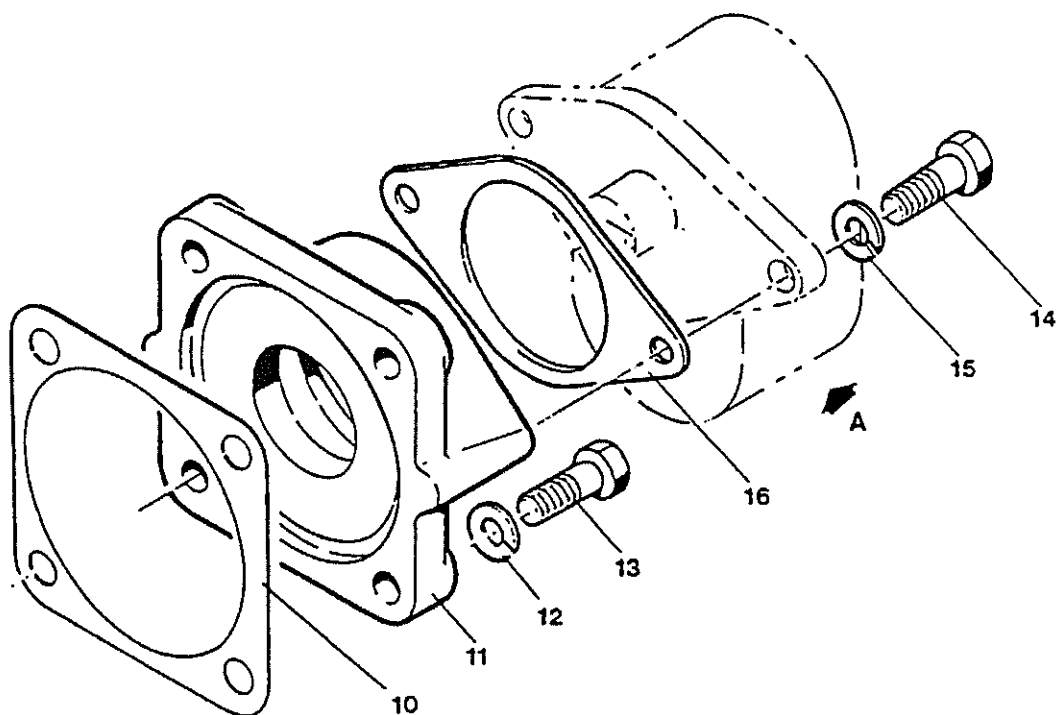
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(2) - BSN 83036769

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835 TRACTOR

FIGURE 5K2 - TRANSMISSION LUBRICATION PUMP S2



DETAIL A

835 TRACTOR

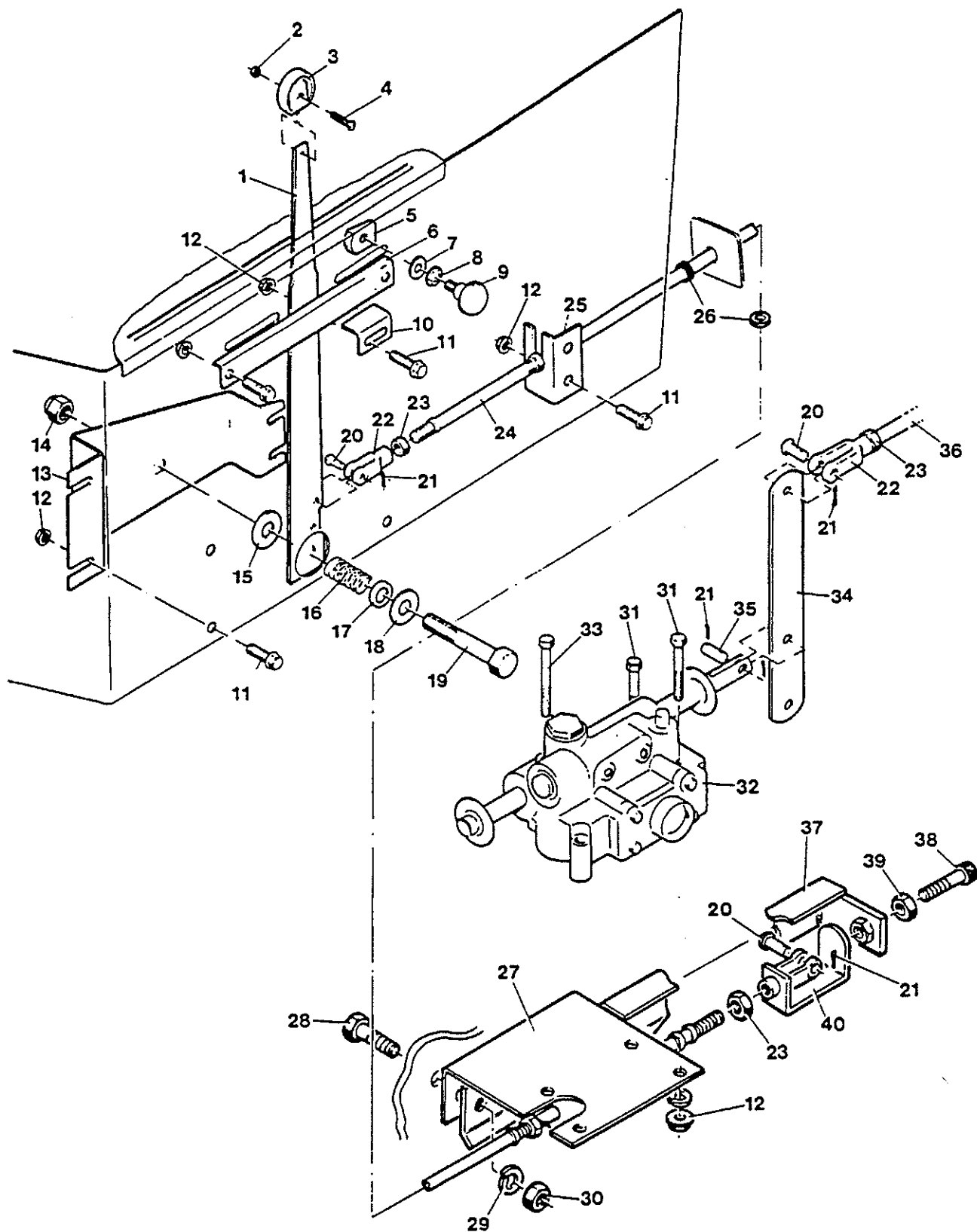
FIGURE 5K2 - TRANSMISSION LUBRICATION PUMP S2
 GETRIEBE SCHMIERUNGSPUMPE
 POMPE DE GRAISSAGE DE TRANSMISSION
 BOMBA DE ENGRASE DE TRANSMISIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V47028	1860709	83-84/	1	Pump - Complete Assembly - Replaces 47028S2
1		V77017	1860710	83-84/	1	Includes: 1-9 Idler Gear Assembly
2		V79091	1860711	83-84/	1	Drive Gear Assembly
3		V106196		83-84/	1	Front Plate Assembly - Replaces 79092
4		V77015	1860713	83-84/	1	Housing
5		V2763		83-84/	1	Seal - Shaft
6		V71179		83-84/	1	O-Ring
7		V86423	1860714	83-84/	2	Pin - Dowel
8		V79093	1860715	83-84/	1	Plug - Pipe
9		V77020	1860716	83-84/	8	Screw - Cap
10		V805T062	1860623	83-84/	AR	Shim - 4-3/8" Bore .003 Green
		V805T063	1860624	83-84/	AR	Shim - 4-3/8" Bore .005 Blue
		V805T064	1860625	83-84/	AR	Shim - 4-3/8" Bore .010 Brown
		V805T065	1860626	83-84/	AR	Shim - 4-3/8" Bore .020 Yellow
11		V18368	1860604	83-84/	1	Cap - Bearing Pump Mount
12		V12007	3975906	83-84/	4	Washer - Lock Helical Spring 1/2" ID
13		V12008	1859824	83-84/	4	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 1-1/2"
14		V12057	3975914	83-84/	2	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 1-1/2"
15		V12011	3975908	83-84/	2	Washer - Lock Helical Spring 3/8" ID
16		V15781	1860653	83-84/	1	Gasket - Pump

AR - As Required

835 TRACTOR

FIGURE 5L1 - DEPTH CONTROL



835 TRACTOR

FIGURE 5L1 - DEPTH CONTROL
TIEFENEINSTELLUNG
DISPOSITIF DE TERRAGE
AJUSTE DE LA PROFUNDIDAD

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V41871		78-84/	1	Lever - Depth Control
2		V12958	3975903	78-84/	1	Nut - Hex #10 - 24 UNC - Replaces 12958P
3		V29986		78-84/	1	Knob - Hydraulic Control Lever
4		V30070		78-84/	1	Screw - Flat Head Slotted #10 - 24 UNC x 5/8" - Replaces - 30070P
5		V19965		78-84/	2	Stop - Adjustable
6		V30073		78-84/	1	Support - Adjustable Stop
7		V18602	3976000	78-84/	2	Washer - Flat 3/8" OD x 7/8" OD x 16 GA
8		V12304	1861635	78-84/	2	Washer - Lock Internal Tooth 3/8" ID - Replaces 12304P
9		V19952		78-84/	2	Knob
10		V30074		78-84/	2	Stop - Stationary
11		V29990	3975620	78-84/	12	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
12		V29991	3975622	78-84/	16	Nut - Flange - Hex Serrated 5/16" - 18 UNC - Replaces 29991P
13		V30533		78-84/	1	Bracket - Depth Control
14		V14923		78-84/	1	Nut - Lock 1/2" - 13 UNC - Replaces 14923P
15		V400T109		78-84/	1	Washer - Friction
16		V400T118		78-84/	1	Spring - Throttle
17		V230107V1		78-84/	1	Washer - Spring Holder
18		V18604	1861732	78-84/	1	Washer - Plain 1/2" ID x 1-1/4" OD x 14 GA - Replaces 18604P
19		V12481		78-84/	1	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 3 - Replaces 12481P
20		V20009		78-84/	4	Pin - Clevis 5/16" Dia
21		V12003	3975904	78-84/	6	Pin - Cotter 3/32" Dia x 3/4"
22		V280606V1		78-84/	3	Yoke - End
23		V12628	3975950	78-84/	24	Nut - Jam Hex 5/16" - 24 UNF - Replaces 12628P
24		V30126		78-84/	1	Cable - Control
25		V30532		78-84/	1	Bracket - Depth Control Cable
26	(1)	V20566	1862433	83-84/	2	Grommet
	(2)	V30116		80-83/	2	Grommet
		V35521	1861854	78-79/	2	Grommet
27		V18191		78-84/	1	Bracket - Depth Control Mounting
28		V12638		80-84/	2	Screw - Cap Hex Grade 5 5/8" - 11 UNC x 1-1/2" - Replaces 12638P
		V12109		78-79/	2	Bolt - Hex 5/8" - 11 UNC x 1-1/2"
29		V12110		78-84/	2	Washer - Lock Helical Spring 5/8" ID
30		V12112	1861590	78-84/	2	Nut - Hex 5/8" - 11 UNC - Replaces 12112P
31		V20310		80-84/	3	Screw - Cap Hex Grade 5 5/16" - 18 UNC x 2-3/4" - Replaces 20310P
		V49302		78-79/	3	Bolt - Hex 5/8" - 11 UNC x 2-3/4" - Replaces 15711
32				78-84/	AR	Valve - Depth Control - See Depth Control Valve - This Section
33		V17117		84/	1	Screw - Cap Hex Grade 5 5/16" - 18 UNC x 3-3/4" - Replaces 17117P

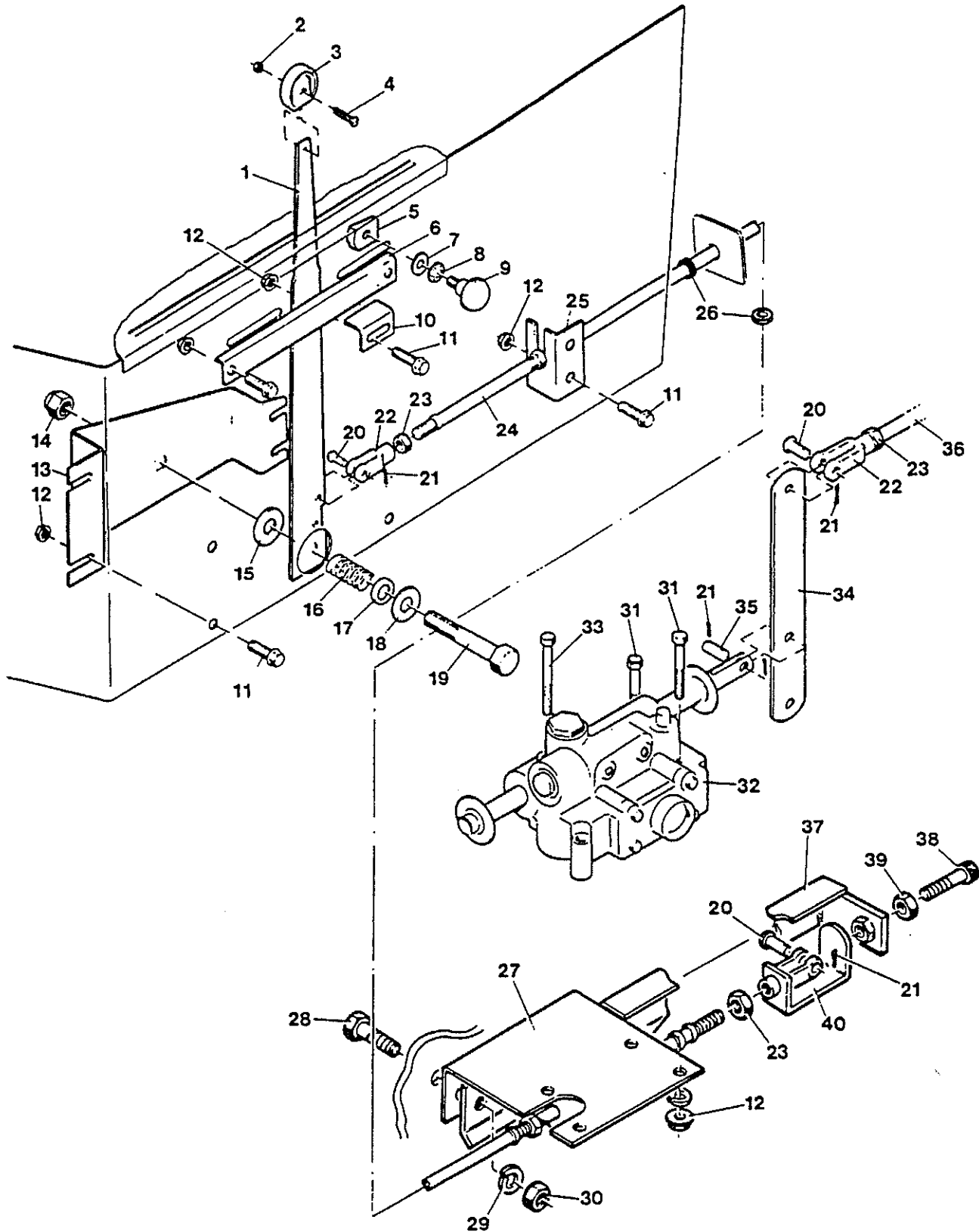
(1) - ASN 83036768

(2) - BSN 83036769

AR - As Required

835 TRACTOR

FIGURE 5L1 - DEPTH CONTROL



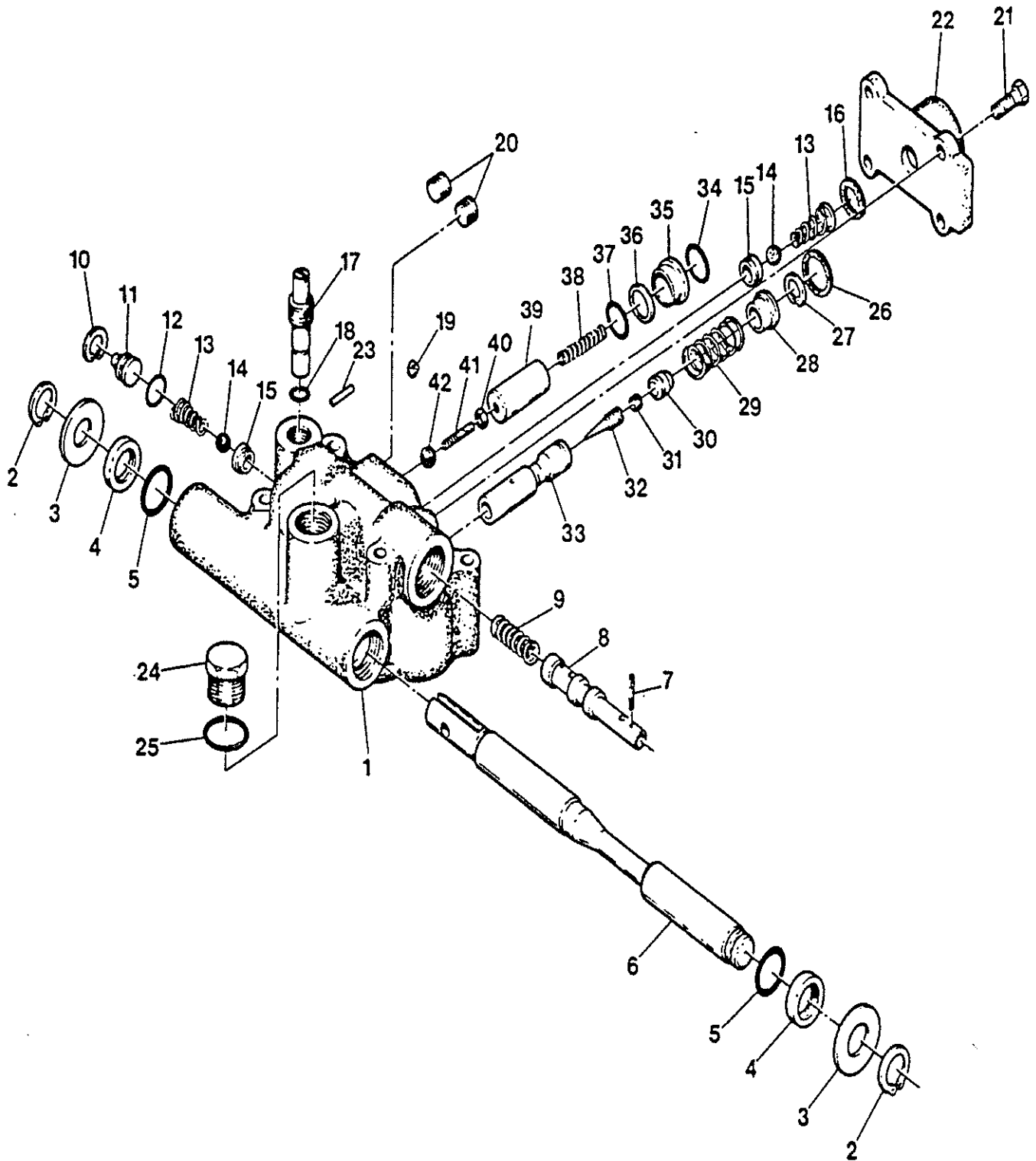
835 TRACTOR

FIGURE 5L1 - DEPTH CONTROL
TIEFENEINSTELLUNG
DISPOSITIF DE TERRAGE
AJUSTE DE LA PROFUNDIDAD

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
33		V12646		78-83/	1	Bolt - Hex 5/16" - 18 UNC x 3-1/2" - Replaces 12646P
34		V55676		80-84/	1	Arm - Lever Control Valve
34		V18298		78-79/	1	Arm - Lever Control Valve
35		V20010		78-84/	1	Pin - Depth Control Lever
		V32404		78-84/	1	Rod Assembly Includes: 22, 23 & 36
36		V18874		78-84/	1	Rod - Linkage Depth Control
37		V52521		78-84/	1	Bracket - Control
38		V50030		80-84/	1	Screw - Cap Hex Socket 1/2" - 13 UNC x 2-3/4" - Replaces 19862
		V19862		78-79,81-8	1	Screw - Cap
39		V13044	1861747	78-84/	1	Nut - Hex 1/2" - 13 UNC - Replaces 13044P
40		V52524		78-84/	1	U-Bracket

835 TRACTOR

FIGURE 5M1 - DEPTH CONTROL VALVE



835 TRACTOR

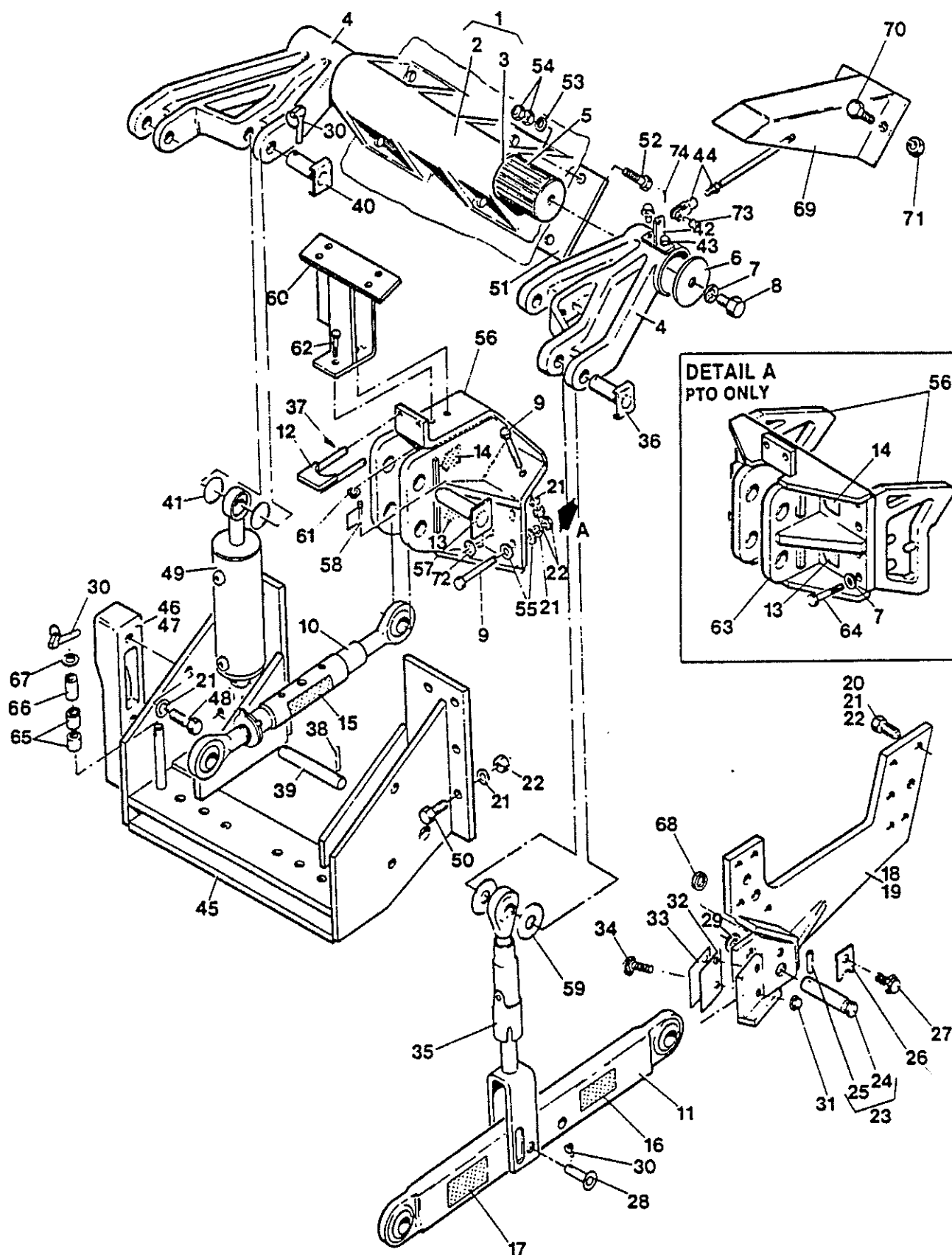
FIGURE 5M1 - DEPTH CONTROL VALVE
TIEFENEINSTELLUNG VENTIL
SOUPAPE DE DISPOSITIF DE TERRAGE
VÁLVULA DE AJUSTE DE LA PROFUNDIDAD

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1	NSS	V17119		78-84/	1	Depth Control Valve Assembly
2		V21219		78-84/	1	Body - Control Valve
3		V21220		78-84/	2	Ring - Snap
4		V21221		78-84/	2	Washer - Spool
5		V21222		78-84/	2	Seal - Valve Spool
6		V915T107		78-84/	2	O-Ring - Valve Spool - Replaces 21223
7		V21224		78-84/	1	Spool - Control Valve
8		V15713		78-84/	1	Pin - Roll 1/8" Dia x 7/8"
		V21226		78-84/	1	Piston - Valve Control
9		V21227		78-84/	1	Spring - Control Valve Piston
10		V21228		78-84/	1	Ring - Snap Plug Retainer
11		V21229		78-84/	1	Plug - Valve Check
12		V21230		78-84/	1	O-Ring - Check Plug
13		V21231		78-84/	2	Spring - Valve Check
14		V21232		78-84/	2	Ball - Check 7/16"
15		V21233		78-84/	2	Seat - Load Check
16		V21234		78-84/	1	Ring - Seal Check Port
17		V21235		78-84/	1	Spool - Throttle Valve
18		V21236		78-84/	1	O-Ring - Throttle Spool
19		V21237		78-84/	1	Plug - Pipe 1/16" Hex Socket Head
20		V21238		78-84/	2	Plug - Pipe 3/8" Hex Socket Head
21		V21239		78-84/	4	Bolt - Cover 5/16" x 1-1/8"
22		V21240		78-84/	1	Cover - Valve
23		V21241		78-84/	1	Pin - Roll 3/32" Dia x 5/8"
24		V21242		78-84/	1	Plug - 7/8" UNF
25		V21243		78-84/	1	O-Ring - Plug 5/8" x 3/4" x 3/32"
26		V21244		78-84/	1	Ring - Seal Trigger Valve
27		V21245		78-84/	1	Ring - Snap Trigger Valve
28		V21246		78-84/	1	Retainer - Snap Ring
29		V21247		78-84/	1	Spring - Trigger Valve
30		V21248		78-84/	1	Plug - Poppet
31		V21249		78-84/	1	Screw - Set Needle Valve
32		V21250		78-84/	1	Valve - Needle
33		V21251		78-84/	1	Piston - Trigger Valve
34		V21252		78-84/	1	O-Ring - Poppet
35		V21253		78-84/	1	Sleeve - Poppet
36		V21254		78-84/	1	Ring - Sleeve Back-up
37		V21255		78-84/	1	O-Ring - Piston
38		V21256		78-84/	1	Spring - Poppet
39		V21257		78-84/	1	Poppet - Lowering
40		V21258		78-84/	1	Nut - Lock Hex #10 - 32 UNF
41		V21259		78-84/	1	Screw - Set Poppet
42		V21260		78-84/	1	Ball - Poppet 1/2"
		V57135		80-84/	1	Kit - Seal Valve Spool Includes: 4 & 5
		V57136		80-84/	1	Kit - Seal Piston Includes: 16, 26, 34 & 37

NSS -Not Serviced Separately

835 TRACTOR

FIGURE 5N1 - THREE POINT HITCH 80-84



835 TRACTOR

FIGURE 5N1 - THREE POINT HITCH 80-84
DREIPUNKT ANSCHUB
ATTelage EN TROIS POINTS
ENGANCHE EN TRES PUNTOS

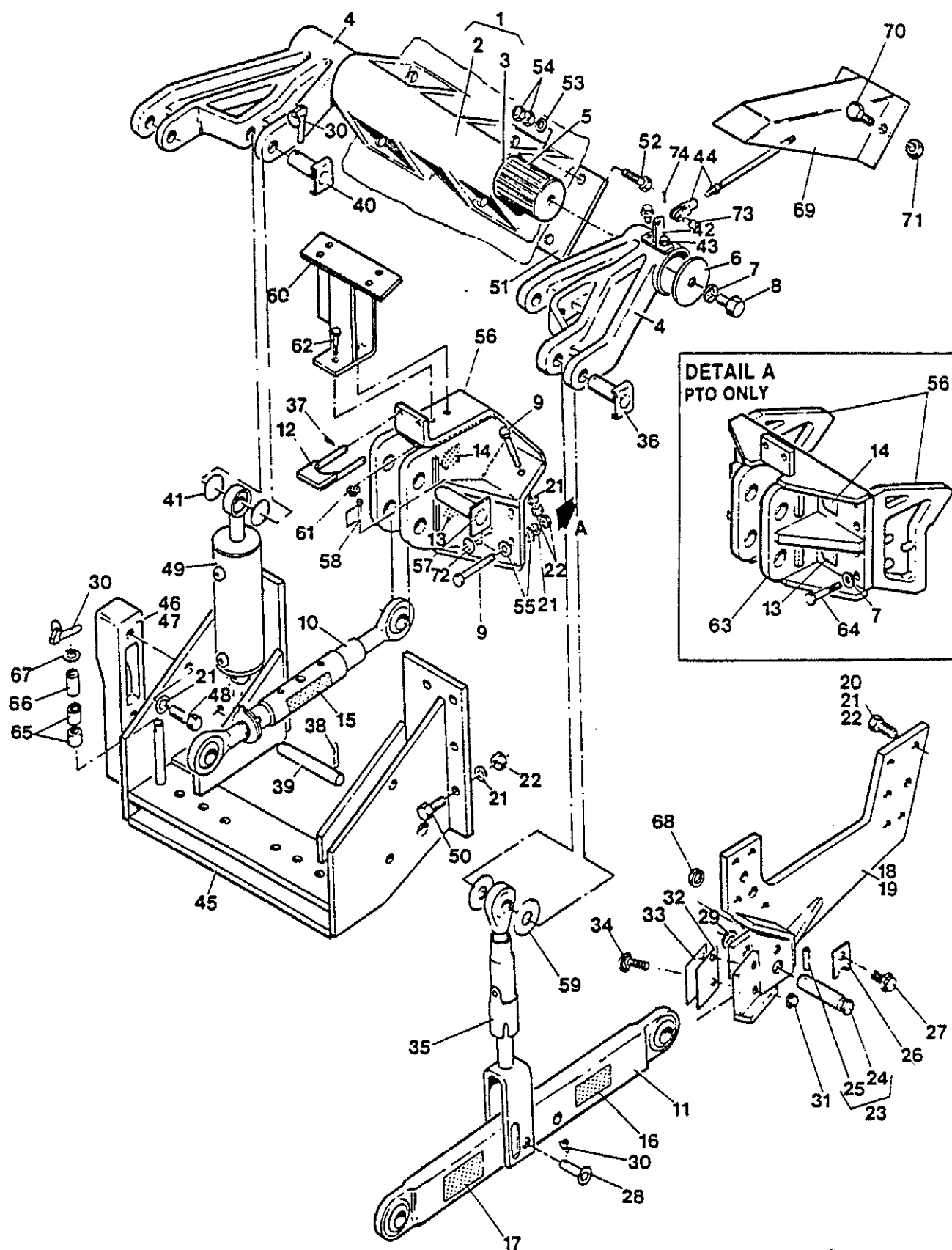
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V18470		80-84/	1	Rockshaft Housing Assembly Includes: 2 & 3
2		V18422		80-84/	1	Housing - Rockshaft
3		V18126	1860377	80-84/	2	Bearing - Rockshaft
4		V55265	1860361	80-84/	2	Arm - Lift Link
5		V55401		80-84/	1	Rockshaft
6		V18135	1860360	80-84/	2	Plate - End Rockshaft
7		V12110		80-84/	2	Washer - Lock Helical Spring 5/8" ID Qty 10 w/PTO - Replaces 12110P
8		V12072	1860359	80-84/	2	Screw - Cap Hex Grade 5 5/8" - 11 UNC x 1-1/4"
9		V12263		80-84/	12	Screw - Cap Hex 3/4" - 10 UNC x 3 - Replaces 12263P
10				80-84/	AR	Link - Top - See Lift & Top Links - This Section
11		V55541	1860319	80-84/	2	Link - Low
12		V56343	1860335	80-84/	1	Bracket - Upper Link Transport
13		V57213	1860347	80-84/	1	Decal - Upper Link Category III
14		V57212	1860348	80-84/	1	Decal - Upper Link Category III & IV
15		V57216	1860339	80-84/	1	Decal - Implement Attaching Points
16		V57215	1860320	80-84/	1	Decal - Category III Wide
17		V57214	1860321	80-84/	1	Decal - Category IV Narrow
18		V55474		80-84/	1	Bracket - R.H. Lower Link Point
19		V55411		80-84/	1	Bracket - L.H. Lower Link Point
20		V15528	1860473	80-84/	AR	Screw - Cap Hex 3/4" - 10 UNC x 2-3/4" - Replaces 15528P
21		V12009	3975907	80-84/	AR	Washer - Lock Helical Spring 3/4" ID - Replaces 12009P
22		V12066		80-84/	AR	Nut - Hex 3/4" - 10 UNC - Replaces 12066P
23	NS	V55643		80-84/	2	Pin Assembly - Lower Link Includes: 24 & 25
24		V55644	1860317	80-84/	2	Pin
25		V50572	1860316	80-84/	2	Pin - Grooved 3/8" x 3
26		V55922	1860315	80-84/	2	Plate - Lower Link Point
27		V30944		80-84/	2	Screw - Flange Hex Serrated 1/2" - 13 UNC x 1 - Replaces 30944P
28		V55635	1860313	80-84/	2	Pin - Lower Lift Link
29		V12862	3975899	80-84/	4	Washer - Plain 1-5/16" ID x 2-3/4" OD x 9 GA - Replaces 12862P
30		V5575	3975865	80-84/	4	Pin - Klik 1/4" x 1-3/4"
31		V29803	3975610	80-84/	4	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
32		V56380	1860352	80-84/	2	Shim - 0.25 Thick
33		V55507	1860351	80-84/	2	Shim - 0.125 Thick
34		V50632	1860350	80-84/	4	Bolt - Round Head Square Neck 3/8" - 16 UNC x 1-3/4"
35				80-84/	AR	Link - Lift - See Lift & Top Links - This Section
36		V55639	1860322	80-84/	2	Pin - Upper Lift Link
37		V18790	3976003	80-84/	2	Pin - Hair Cotter
38		V19104	1860329	80-84/	1	Pin - Roll 5/16" Dia x 2-3/4"
39		V18171	1860330	80-84/	2	Pin - Lower Cylinder
40		V55640	1860331	80-84/	2	Pin - Upper Cylinder
41		V18173	1860332	80-84/	4	Spacer - Cylinder Upper
42		V55402		80-84/	1	Clamp - Linkage Rod

AR - As Required

NS - Not Serviced

835 TRACTOR

FIGURE 5N1 - THREE POINT HITCH 80-84



835 TRACTOR

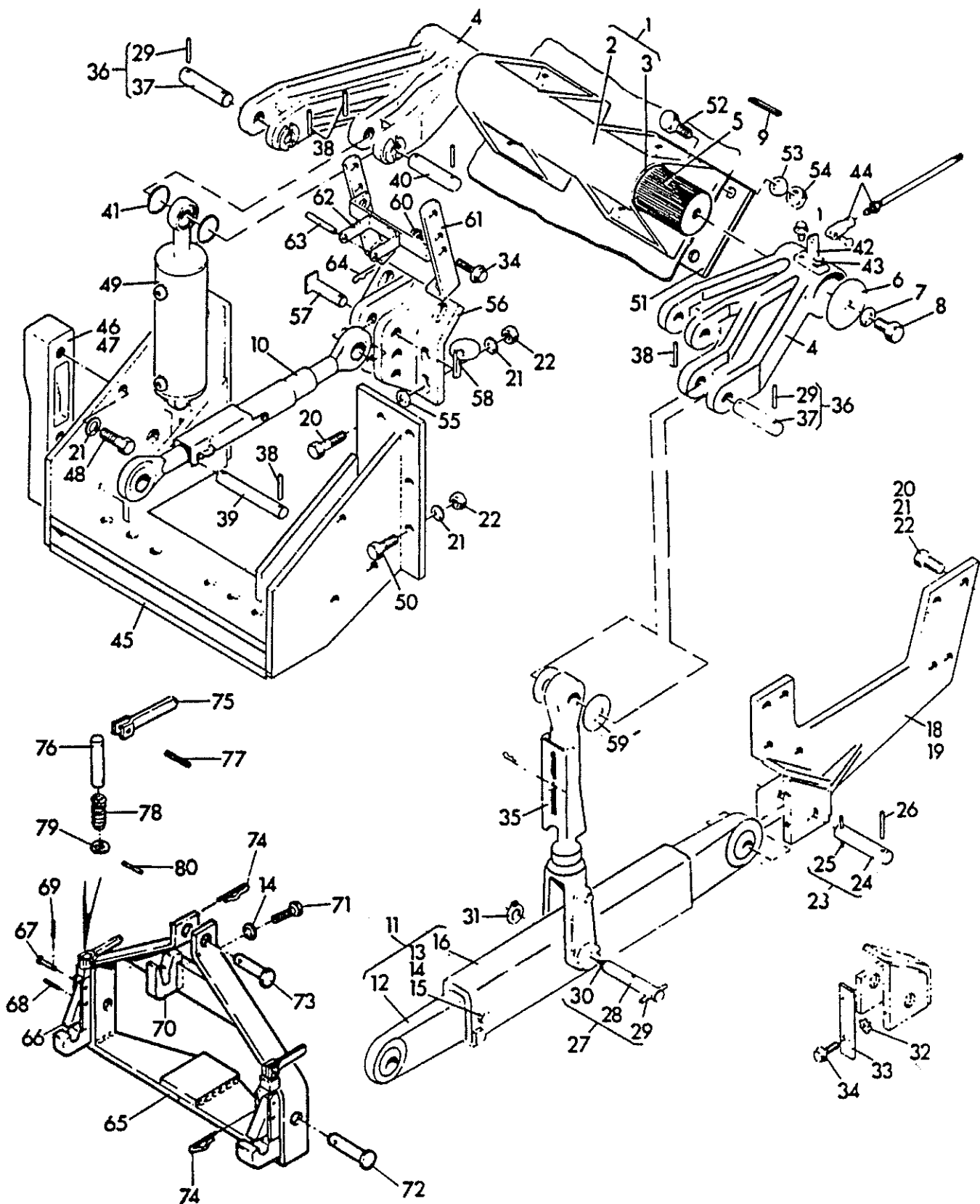
FIGURE 5N1 - THREE POINT HITCH 80-84
DREIPUNKT ANSCHUB
ATTELAGE EN TROIS POINTS
ENGANCHE EN TRES PUNTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
43		V29990	3975620	80-84/	2	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
44		V32404		80-84/	1	Rod - Linkage
45		V55397	1860358	80-84/	1	Cage - Drawbar
46		V18160	1860328	80-84/	1	Swayblock - R.H.
47		V18161	1860327	80-84/	1	Swayblock - L.H.
48		V12586	1860325	80-84/	4	Screw - Cap Hex G5 3/4" - 10 UNC x 1-3/4" - Replaces 12586P
49				80-84/	AR	Cylinder - See Three Point Hitch Hydraulic Cylinder - This Section
50		V12073	1859972	80-84/	12	Screw - Cap Hex 3/4" - 10 UNC x 2"
51		V49299	1860375	80-84/	2	Support - Housing
52		V50596		80-84/	8	Screw - Cap Hex 3/4" - 16 UNF x 3-1/4"
53		V55645		80-84/	16	Washer - Special Hardened
54		V1689		80-84/	8	Nut - 3/4" - 16 UNF - Replaces 1689P
55		V47344	1861139	80-84/	6	Washer - Plain 13/16" ID x 2" OD x 10 GA
56		V57242		80-84/	1	Bracket - Upper Link
		V48976		80-84/	1	Bracket - Upper Link w/PTO
57		V55637	1860337	80-84/	1	Pin - Upper Link
58		V55957	1860336	80-84/	3	Pin - Snapper 3/8" x 2-1/2"
59		V13309	1860323	80-84/	4	Washer - Plain 1-5/16" x 2-3/4" OD x 1/8" - Replaces 13309P
60		V58102		80-84/	1	Bracket - Quick Couplers
61		V50029		80-84/	2	Nut - Flange - Hex Serrated 5/8" - 11 UNC
62		V12109		80-84/	2	Screw - Cap Hex 5/8" - 11 UNC x 1-1/2" - Replaces 12109P
63		V57245		80-84/	1	Bracket - Top Link w/Decals w/PTO
		V55505	1860372	80-84/	1	Bracket - Top Link w/o Decals w/PTO
64		V12111		80-84/	8	Screw - Cap Hex 5/8" - 11 UNC x 2"
65		V56008	3972410	80-84/	2	Bushing - Lower Hitch Point
66		V56007	3972409	80-84/	1	Bushing - Upper Hitch Point
67		V800T034P	1860311	80-84/	6	Washer - Plain 1-5/16" ID x 2-1/4" OD x 1/8"
68		V55661	1860318	80-84/	2	Bushing - Category IV Lower Link Points
69		V49419		80-84/	1	Cover - Linkage
70		V12008	3975927	80-84/	2	Screw - Cap Hex 1/2" - 13 UNC x 1-1/2" - Replaces 12008P
71		V12083	3975918	80-84/	2	Nut - Lock Nylon Insert 1/2" - 13 UNC - Replaces 12083P
72		V55961		80-84/	4	Washer
73		V20009		80-84/	1	Pin - Clevis 5/16" - 13/16"
74		V12003	3975904	80-84/	1	Pin - Cotter 3/32" Dia x 3/4"

AR - As Required

835 TRACTOR

FIGURE 5N2 - THREE POINT HITCH 78-79



QUICK HITCH

835 TRACTOR

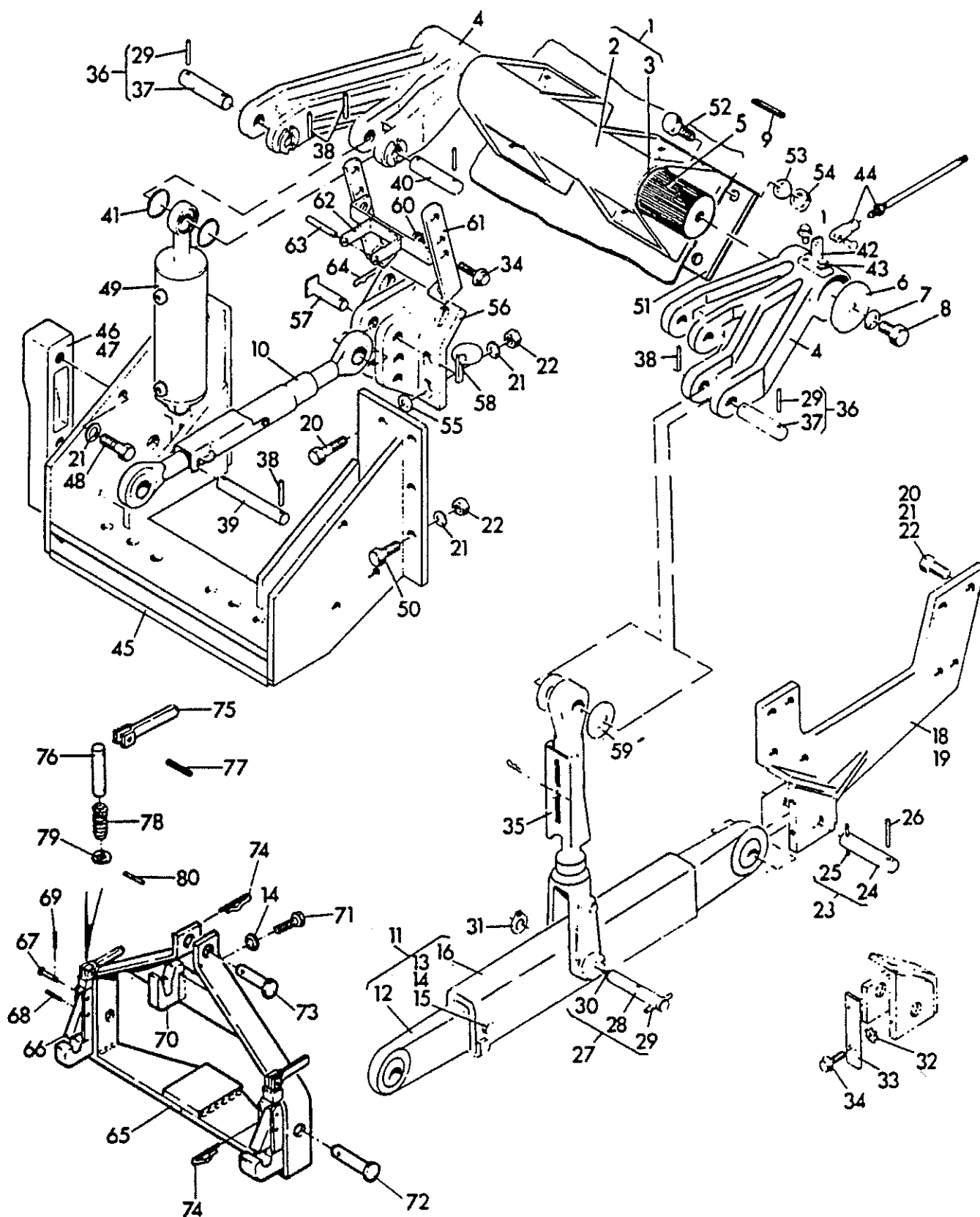
FIGURE 5N2 - THREE POINT HITCH 78-79
DREIPUNKT ANSCHUB
ATTELAGE EN TROIS POINTS
ENGANCHE EN TRES PUNTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V18894		79/	1	Rockshaft Arm Assembly
				78/	1	Rockshaft Arm Assembly Includes: 1-9
		V18470		79/	1	Housing Rockshaft Assembly
				78/	1	Housing Rockshaft Assembly Includes: 2 & 3
2		V18422	1860377	78-79/	1	Housing - Rockshaft - Replaces TR-18422
3		V18126		78-79/	2	Bearing - Rockshaft
4		V55431		79/	2	Arm - Lift Link - Replaces TR-54431
		V18295		78/	2	Arm - Lift Link
5	NS	V54432	1860360	79/	1	Rockshaft
		V18102		78/	2	Rockshaft
6		V18135		78-79/	2	Plate - End Rockshaft - Replaces TR-18135
7		V12110		78-79/	2	Washer - Lock 5/8"
8		V12072	1860359	78-79/	2	Bolt - Hex 5/8" - 11 NC 1-1/4"
9		V19342		78-79/	8	Key - Rockshaft - Replaces TR-19342
10		V49342		78-79/	AR	Link - Top Refer to Lift & Top Links - This Section
11		V20741		78-79/	2	Link - Draft - Replaces TRA-20741 Includes: 12-16
12		V26715	3975907	78-79/	2	Arm - Draft Link
13		V14614		78-79/	4	Bolt - Hex 16 UNF - 3/4" x 3 - 16 NF Grade 8 - Replaces 14614P
14		V12009		78-79/	6	Washer - Lock 3/4"
15		V20318		78-79/	4	Nut - Hex 3/4" - 16 NF
16		V26716		78-79/	2	Arm Assembly - Front
17		V12671		78-79/	1	Decal - Name Plate
18		V18118		78-79/	1	Bracket - R.H. Lower Link Point WA - Replaces TRA-18118
19		V18117		78-79/	1	Bracket - L.H. Lower Link Point WA - Replaces TRA-18117
20		V15528	1860473	78-79/	22	Bolt - Hex 10 NC - 3/4" x 2-3/4" - Replaces 15528P
21		V12009	3975907	78-79/	38	Washer - Lock 3/4" Nominal - Replaces 12009P
22	V12066		78-79/	34	Nut - Hex 3/4" 10 NC - Replaces 12066P	
23	V25247		78-79/	2	Pin Assembly - Draft Link - Replaces TRA-25247 Includes: 24 & 25	
24	V25247		78-79/	2	Pin - Draft Link - Replaces TR-18170	
25	V25085		78-79/	2	Pin - Grooved 3/8" Dia	
26	V12244		78-79/	2	Pin - Roll 3/8" x 2-1/2"	
27	V30534		78-79/	2	Pin Assembly - Replaces TRA-30534 Includes: 28,30 & 2 of 29	

AR - As Required
NS - Not Serviced

835 TRACTOR

FIGURE 5N2 - THREE POINT HITCH 78-79



QUICK HITCH

835 TRACTOR

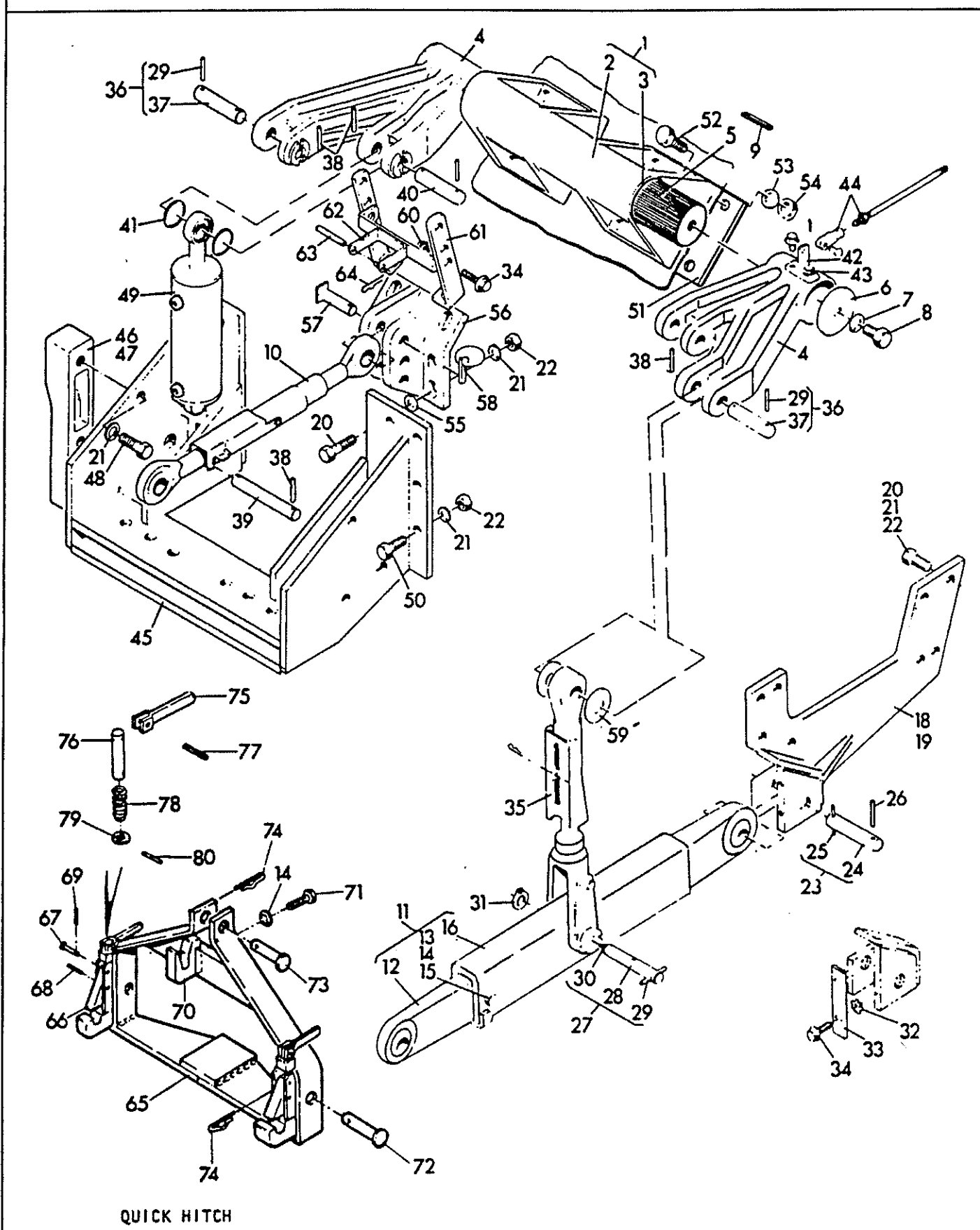
FIGURE 5N2 - THREE POINT HITCH 78-79
DREIPUNKT ANSCHUB
ATTELAGE EN TROIS POINTS
ENGANCHE EN TRES PUNTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
28	NS	V30483		78-79/	2	Pin - Lower Link Lift
29		V25086		78-79/	4	Pin - Grooved 5/16" Dia
30		V12346	3975937	78-79/	2	Fitting - Grease
31		V30473		78-79/	2	Ring - Retaining
32		V14589	1862471	78-79/	4	Washer - Lock External Tooth 1/2" Nominal - Replaces 14589P
33		V30534		78-79/	2	Stop - Draft Arm - Replaces TR-20103 & TR-30483
34		V29893	3975615	78-79/	6	Bolt - Serrated Washer Head 3/8" x 1 NC Replaces 29893P
35		V18145		78-79/	AR	Link - Lift Refer to Lift & Top Links - This Section - Replaces TRA-18145
36		V25246		78-79/	2	Pin Assembly - Lift Link Upper - Includes: 37 & 2 of 29 - Replaces TRA-25246
37		V18169		78-79/	2	Pin - Lift Link Upper - Replaces TR-18169
38		V19104	1860329	78-79/	10	Pin - Roll 5/16" x 2-1/4"
39		V18171	1860330	78-79/	2	Pin - Lower Cylinder - Replaces TR-18171
40		V18174		78-79/	2	Pin - Upper Cylinder - Replaces TR-18174
41		V18173	1860332	78-79/	4	Spacer - Cylinder Upper - Replaces TR-18173
42		V18891		78-79/	1	Clamp - Linkage Rod - Replaces TRA-18891
43		V29990	3975620	78-79/	2	Bolt - Serrated Washer Head 5/16" x 3/4" - Replaces 29990P
44		V18874		78-79/	AR	Linkage - Rod Refer to this Section - Replaces TR-18874
45		V18127		78-79/	1	Cage - Drawbar - Replaces TRA-18127
46		V18160	1860328	78-79/	1	Swayblock - R.H. - Replaces TR-18160
47		V18161	1860327	78-79/	1	Swayblock - L.H. - Replaces TR-18161
48		V12586	1860325	78-79/	4	Bolt - Hex 3/4" x 1-3/4" - Replaces 12586P
49		V18986		78-79/	AR	Cylinder - Refer to this Section - Replaces TRA-18986
50		V12073	1859972	78-79/	12	Bolt - Hex 3/4" x 2 NC
51		V49299		78-79/	2	Support - Housing - Replaces TR-49299
52		V12587		78-79/	8	Bolt - Hex 3/4" NC x 1-3/4" Long
53		V22176		78-79/	8	Washer - Flat 13/16" ID x 1-3/8" OD x 1/4"
54		V12224		78-79/	8	Nut - Hex Self-Locking 3/4" - 10 NC - Replaces 12224P
55		V18608		78-79/	8	Washer - Flat 3/4" Nominal x 2" OD x 9 GA - Replaces 18608P
56		V18284		78-79/	1	Bracket - Top Link - Replaces TRA-18284
57		V18548		78-79/	1	Pin - Top Link - Replaces TRA-18548
58		V5575		78-79/	1	Pin - Klik 1/4" x 1-3/4" - Replaces KU-5575
59		V13309		78-79/	4	Washer - Flat 1-5/16" ID x 2-3/4" OD x 1/8" - Replaces 13309P
60		V29803	3975610	78-79/	2	Nut - Serrated Washer Head 3/8" - 16 NC - Replaces 29803P
61		V19990		78-79/	2	Support - Angle - Replaces TR-19990
62		V19987		78-79/	1	Clamp - Storage Top Link - Replaces TRA-19987
63		V19991	3976008	78-79/	1	Pin - Storage Clamp - Replaces TR-19991
64		V18790	3976003	78-79/	2	Pin - Hair Cotter

AR - As Required

835 TRACTOR

FIGURE 5N2 - THREE POINT HITCH 78-79



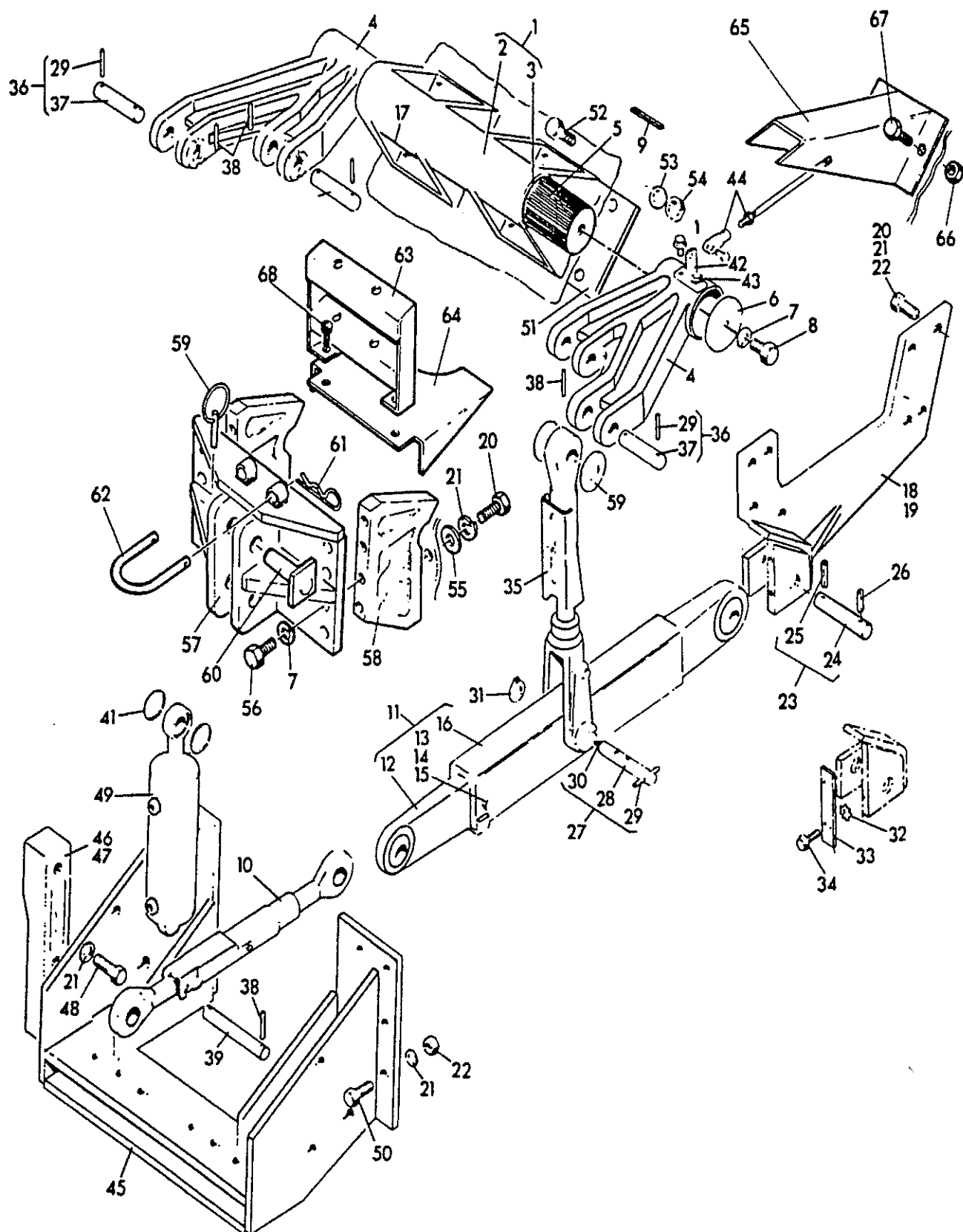
835 TRACTOR

FIGURE 5N2 - THREE POINT HITCH 78-79
DREIPUNKT ANSCHUB
ATTELAGE EN TROIS POINTS
ENGANCHE EN TRES PUNTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V35914		78-79/	1	Hitch - Quick Includes: 14 & 65-80
65		V41756		78-79/	1	Frame
66		V41755		78-79/	2	Latch
67		V41754		78-79/	2	Pin - Latch
68		V613T128		78-79/	2	Pin - Roll 5/16" x 1-3/4"
69		V12814		78-79/	2	Pin - Cotter 5/32" x 1"
70		V41753		78-79/	1	Huck
71		V12010		78-79/	2	Bolt - Hex 3/4" x 2-1/4" 10 NC
72		V41752		78-79/	1	Pin - Side
73		V41751		78-79/	1	Pin - Top
74		V41750		78-79/	3	Cotter - Hitch
75		V41749		78-79/	2	Handle
76		V41748		78-79/	2	Post - Handle
77		V12810	1860537	78-79/	2	Pin - Roll 3/16" x 1-1/4"
78		V41747		78-79/	2	Spring
79		V41746		78-79/	2	Washer - Flat 33/64" x 25/32" x 1/16"
80		V12342		78-79/	2	Pin - Roll 1/8" x 3/4"

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FIGURE 5N3 - THREE POINT HITCH W/PTO 78-79



835 TRACTOR

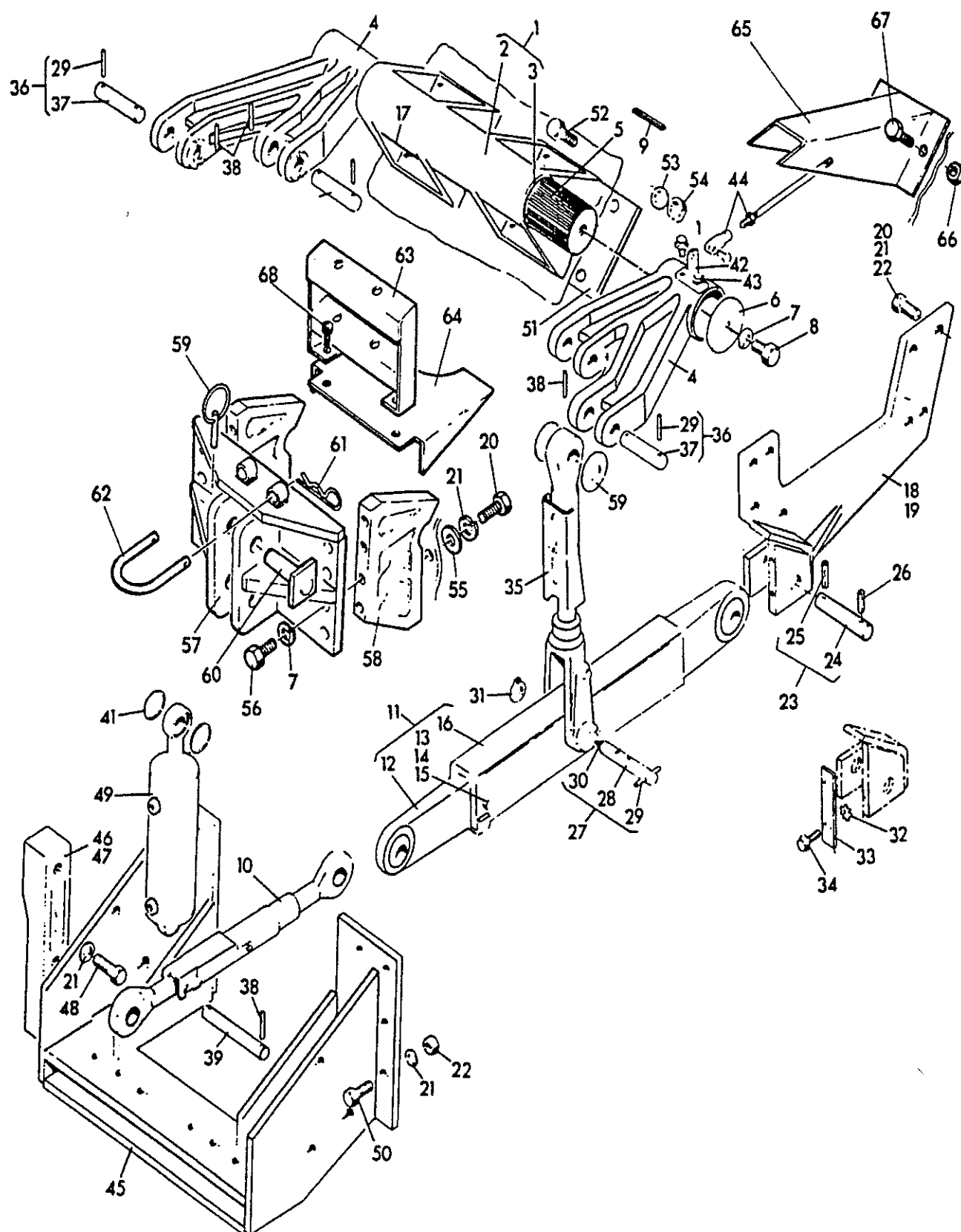
FIGURE 5N3 - THREE POINT HITCH W/PTO 78-79
DREIPUNKT ANSCHUB MIT ZAPFWELLE
ATTelage EN TROIS POINTS AVEC PRISE DE FORCE
ENGANCHE EN TRES PUNTOS CON TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V18894		79/ 78/ 79/ 78/	1 1 1 1	Rockshaft Arm Assembly Rockshaft Arm Assembly Housing Rockshaft Assembly Housing Rockshaft Assembly
2		V18470		78-79/	1	Housing - Rockshaft - Replaces TR-18422
3		V18126	1860377	78-79/	2	Bearing - Rockshaft
4		V54431		79/	2	Arm - Lift Link - Replaces TR-54431
		V18295		78/	2	Arm - Lift Link
5		V54432		79/	1	Rockshaft - Replaces TR-54432
		V18102		78/	1	Rockshaft
6		V18135	1860360	78-79/	2	Plate - End Rockshaft - Replaces TR-18135
7		V12110		78-79/	10	Washer - Lock 5/8"
8		V12072	1860359	78-79/	2	Bolt - Hex 5/8" x 1-1/4" 11 NC
9		V19342		78-79/	8	Key - Rockshaft - Replaces TR-19342
10		V49342		78-79/	AR	Link - Top Refer to Section G-2
11		V49345		78-79/	2	Link - Draft - Replaces TRA-49345 Includes: 12-16
12		V49344		78-79/	2	Arm - Draft Link
13		V14614		78-79/	4	Bolt - Hex 3/4" x 3 - 16 NF Grade 8
14		V12009	3975907	78-79/	6	Washer - Lock 3/4"
15		V20318		78-79/	4	Nut - Hex 3/4" - 16 NF
16		V26716		78-79/	2	Arm Assembly - Front
17		V12671		78-79/	1	Decal - Name Plate
18		V18118		78-79/	1	Bracket - R.H. Lower Link Point WA - Replaces TRA-18118
19		V18117		78-79/	1	Bracket - L.H. Lower Link Point WA - Replaces TRA-18117
20		V15528		78-79/	22	Bolt - Hex 3/4" x 2-3/4" 10 NC
21		V12009	3975907	78-79/	38	Washer - Lock 3/4" Nominal
22		V12066		78-79/	34	Nut - Hex 3/4" 10 NC
23		V25247		78-79/	2	Pin Assembly - Draft Link - Replaces TRA-25247
24		V25247		78-79/	2	Pin - Draft Link - Replaces TR-18170
25		V25085		78-79/	2	Pin - Grooved 3/8" Dia
26		V12244		78-79/	2	Pin - Roll 3/8" x 2-1/2"
27		V30534		78-79/	2	Pin Assembly - Replaces TRA-30534 Includes: 28, 30 & 2 of 29
28	NS	V30483		78-79/	2	Pin - Lower Link Lift
29		V25086		78-79/	4	Pin - Grooved 5/16" Dia
30		V12346	3975937	78-79/	2	Fitting - Grease
31		V30473		78-79/	2	Ring - Retaining
32		V14589		78-79/	4	Washer - Lock External Tooth 1/2" Nominal
33		V20103		78-79/	2	Stop - Draft Arm - Replaces TR-20103
34		V29893	3975615	78-79/	4	Bolt - Serrated Washer Head 3/8" x 1 NC
35		V18145		78-79/	AR	Link - Lift Refer to Lift & Top Links This Section - Replaces TRA-18145
36		V25246		78-79/	2	Pin Assembly - Lift Link Upper - Replaces TRA-25246 Includes: 37 & 2 of 29 -
37		V18169		78-79/	2	Pin - Lift Link Upper - Replaces TR-18169
38		V19104	1860329	78-79/	10	Pin - Roll 5/16" x 2-1/4"

AR - As Required
NS - Not Serviced

835 TRACTOR

FIGURE 5N3 - THREE POINT HITCH W/PTO 78-79



835 TRACTOR

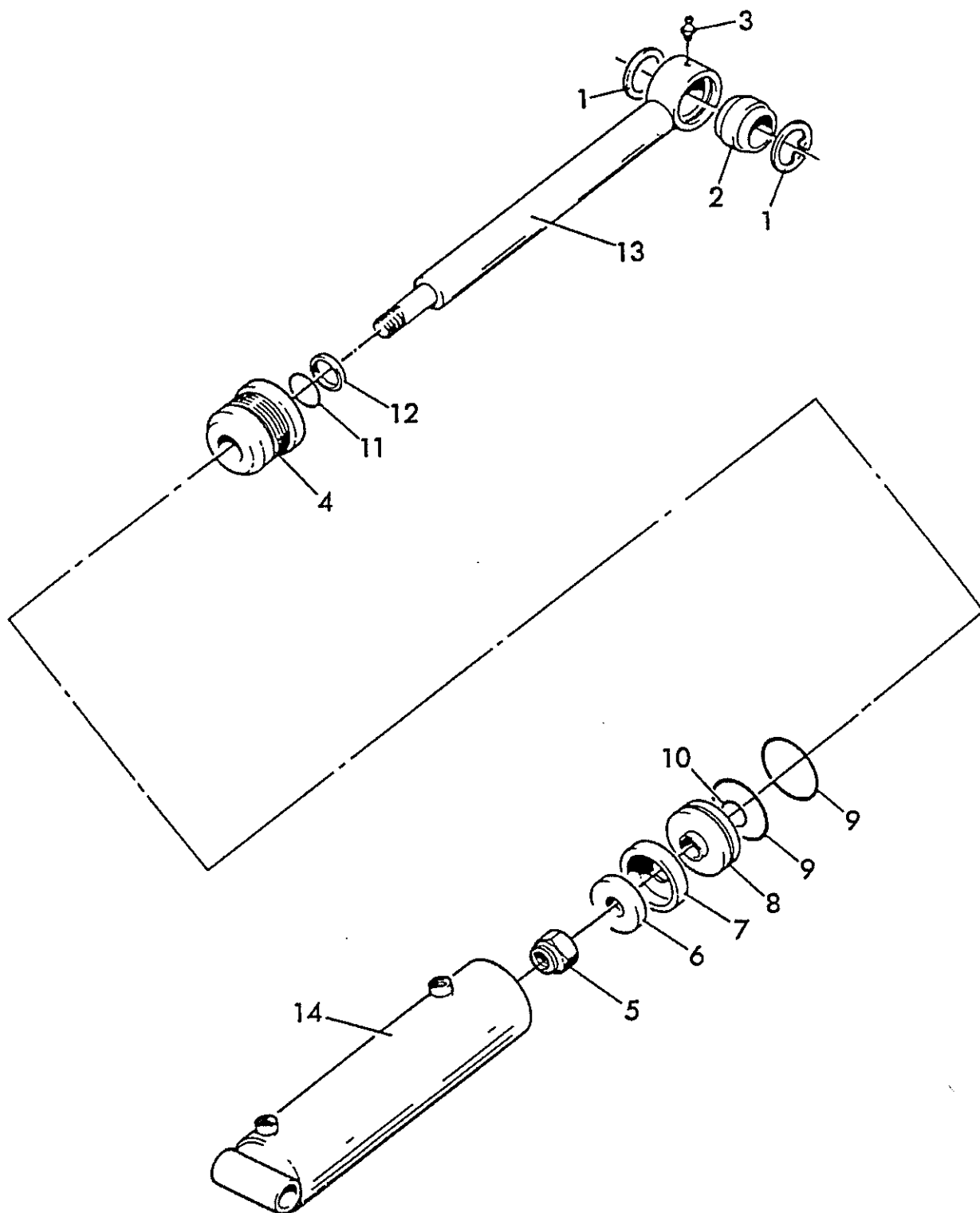
FIGURE 5N3 - THREE POINT HITCH W/PTO 78-79
 DREIPUNKT ANSCHUB MIT ZAPFWELLE
 ATTACHE EN TROIS POINTS AVEC PRISE DE FORCE
 ENGANCHE EN TRES PUNTOS CON TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
39		V18171	1860330	78-79/	2	Pin - Lower Cylinder - Replaces TR-18171
40		V18174		78-79/	2	Pin - Upper Cylinder - Replaces TR-18174
41		V18173	1860332	78-79/	4	Spacer - Cylinder Upper - Replaces TR-18173
42		V18891		78-79/	1	Clamp - Linkage Rod - Replaces TRA-18891
43		V29990	3975620	78-79/	2	Bolt - Serrated Washer Head 5/16" x 3/4" NC - Replaces 29990P
44		V18874		78-79/	AR	Linkage - Rod Refer to this Section - Replaces TR-18874
45		V18127		78-79/	1	Cage - Drawbar - Replaces TRA-18127
46		V18160	1860328	78-79/	1	Swayblock - R.H. - Replaces TR-18160
47		V18161	1860327	78-79/	1	Swayblock - L.H. - Replaces TR-18161
48		V12586	1860325	78-79/	4	Bolt - Hex 3/4" x 1-3/4" - Replaces 12586P
49		V18986		78-79/	AR	Cylinder - Refer to this Section - Replaces TRA-18986
50		V12073	1859972	78-79/	12	Bolt - Hex 3/4" x 2 NC
51		V49299	1860375	78-79/	2	Support - Housing - Replaces TR-49299
52		V12587		78-79/	8	Bolt - Hex 3/4" x 1-3/4" Long
53		V22176		78-79/	8	Washer - Flat 13/16" ID x 1-3/8" OD x 1/4"
54		V12224		78-79/	8	Nut - Hex Self-Locking 3/4" - 10 NC - Replaces 12224P
55		V18608		78-79/	6	Washer - Flat 3/4" Nominal x 2" OD x 9 GA
56		V12111		78-79/	8	Bolt - Serrated 3/8" NC x 1 Long
57		V49352		78-79/	1	Bracket - Top Link - Replaces TRA-49352
58		V48976	1860353	78-79/	2	Bracket - Mount - Replaces TR-48976
59		V5575		78-79/	1	Pin - Klik - Replaces KU-5575
60		V49350		78-79/	1	Pin - Top Link - Replaces TRA-49350
61		V18790	3976003	78-79/	1	Hairpin
62		V51331		78-79/	1	Bracket - Upper Link - Replaces TR-51331
63		V51330		78-79/	1	Bracket - Hose Coupler - Replaces TRA-51330
64		V49511		78-79/	1	Shield - Driveline - Replaces TR-49511
65		V49419		78-79/	1	Cover - Depth Control - Replaces TRA-49419
66		V30334	1860105	78-79/	2	Nut - Lock 1/2" - 13
67		V12085	1860575	78-79/	2	Bolt - Hex 1/2" - 13 NC x 1-1/4" Long
68		V12038	1861603	78-79/	2	Screw - Cap Hex 3/8" - 16 UNC x 1-1/4" Long

AR - As Required

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FIGURE 501 - THREE POINT HITCH CYLINDER 80-84



835 TRACTOR

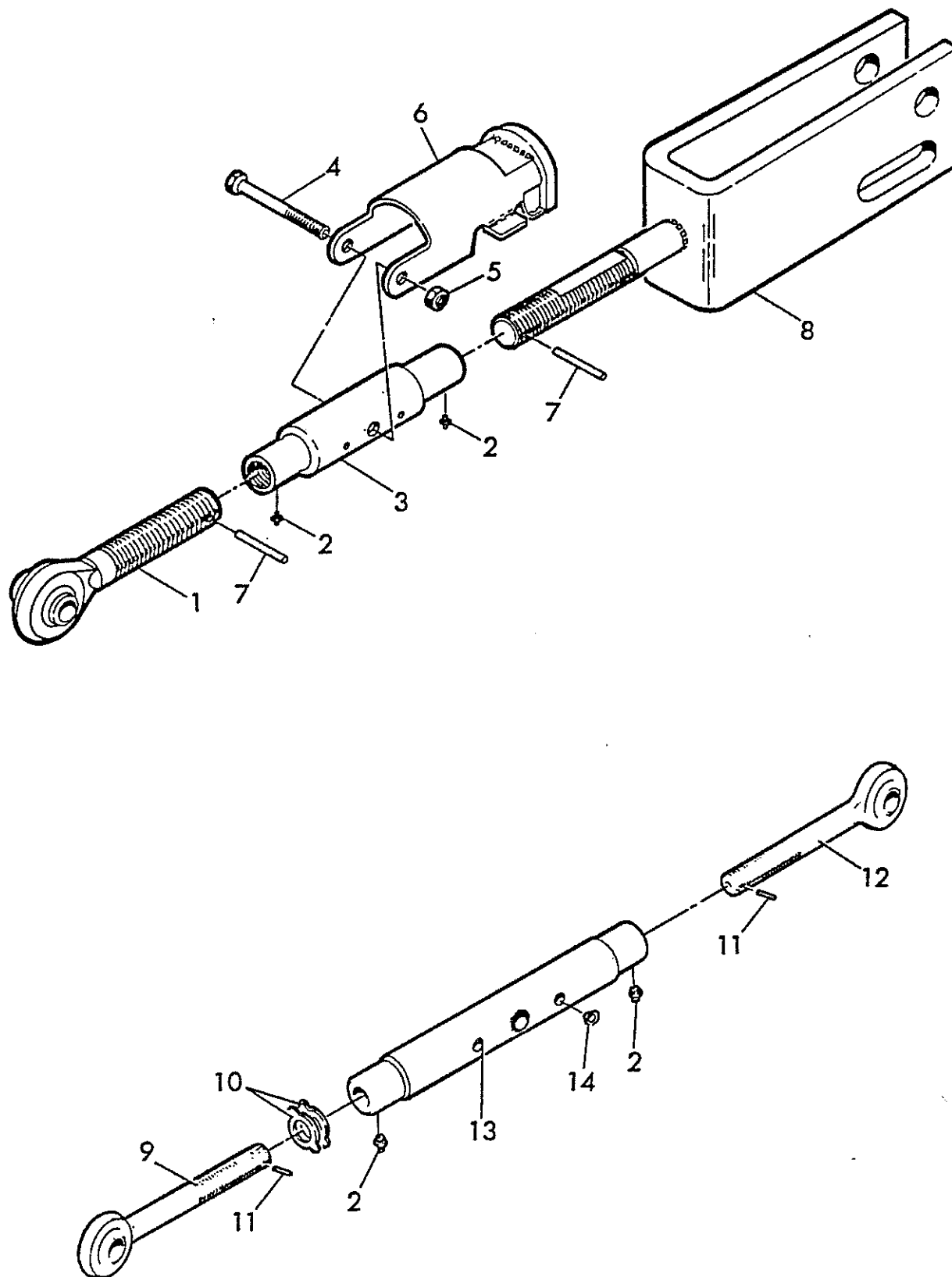
FIGURE 501 - THREE POINT HITCH CYLINDER 80-84
 DREIPUNKT ANSCHUB ZYLINDER
 CYLINDRE DE ATTELAGE EN TROIS POINTS
 CILINDRO DE ENGANCHE EN TRES PUNTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V55660	1860333	80-84/	2	Cylinder Assembly Includes: 1-14
1		V18986		78-79/	2	Cylinder Assembly
2		V18759	1860416	78-84/	2	Ring - Retaining
3		V18125	1860417	78-84/	1	Bushing - Ball
		V8005	3975896	78-84/	1	Fitting - Grease 1/8" NPT
	NSS	V55476	1860419	80-84/	1	Cylinder Includes: 4-14
		V31467		78-79/	1	Cylinder - Replaces 31467
4		V31477	1860420	78-84/	1	Gland
5		V36493		78-84/	1	Nut - Lock Hex 1 - 12 UNF - Replaces 31474
6		V31475	1860422	78-84/	1	Plate - Fallow
7	NSS	V31478	1860423	78-84/	1	Seal - Cup 4" x 1-3/4" x 3/8"
8		V31476	1860424	78-84/	1	Piston
9	NSS	V31471	1860425	78-84/	2	O-Ring - Replaces 31471
10		V4008	1860426	78-84/	1	O-Ring
11	NSS	V31479	1860427	78-84/	1	Seal - Shaft 1-3/4" x 2-1/8" x 3/16"
12	NSS	V31480	1860428	78-84/	1	Seal - Wiper 1-3/4" x 2-1/4" x 1/4"
13		V55475	1860429	80-84/	1	Shaft - 1-3/4" Dia x 16-5/8"
		V31473		78-79/	1	Shaft - 1-3/4" Dia
14	NSS	V57887	1860430	80-84/	1	Barrel
		V31472		78-79/	1	Barrel
		V31481		80-84/	1	Kit - Cylinder Includes: 7 & 9-12

NSS -Not Serviced Separately

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FIGURE 5P1 - LIFT AND TOP LINKS 80-84



835 TRACTOR

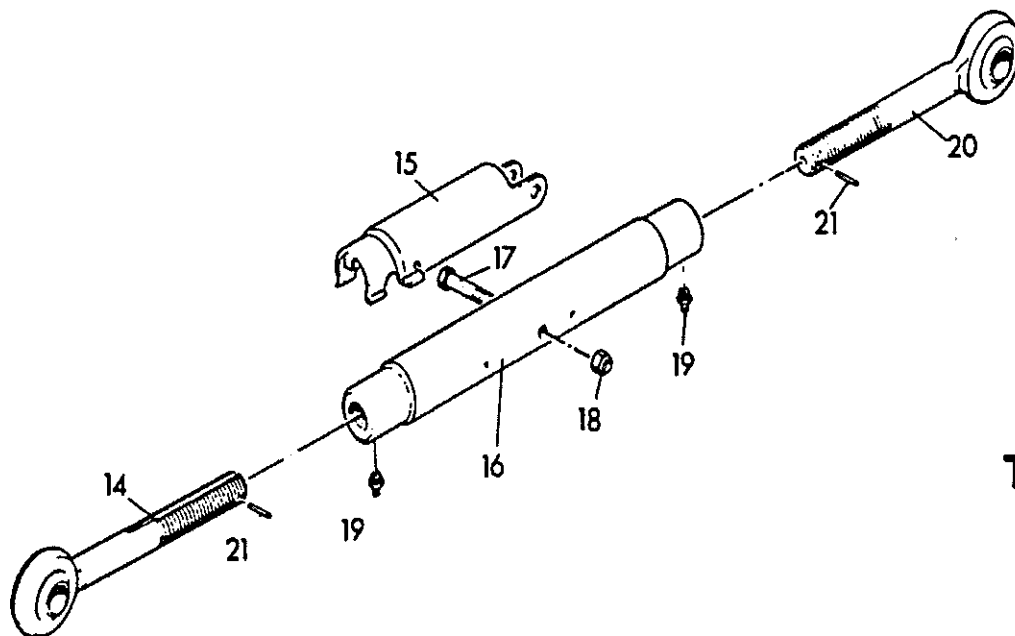
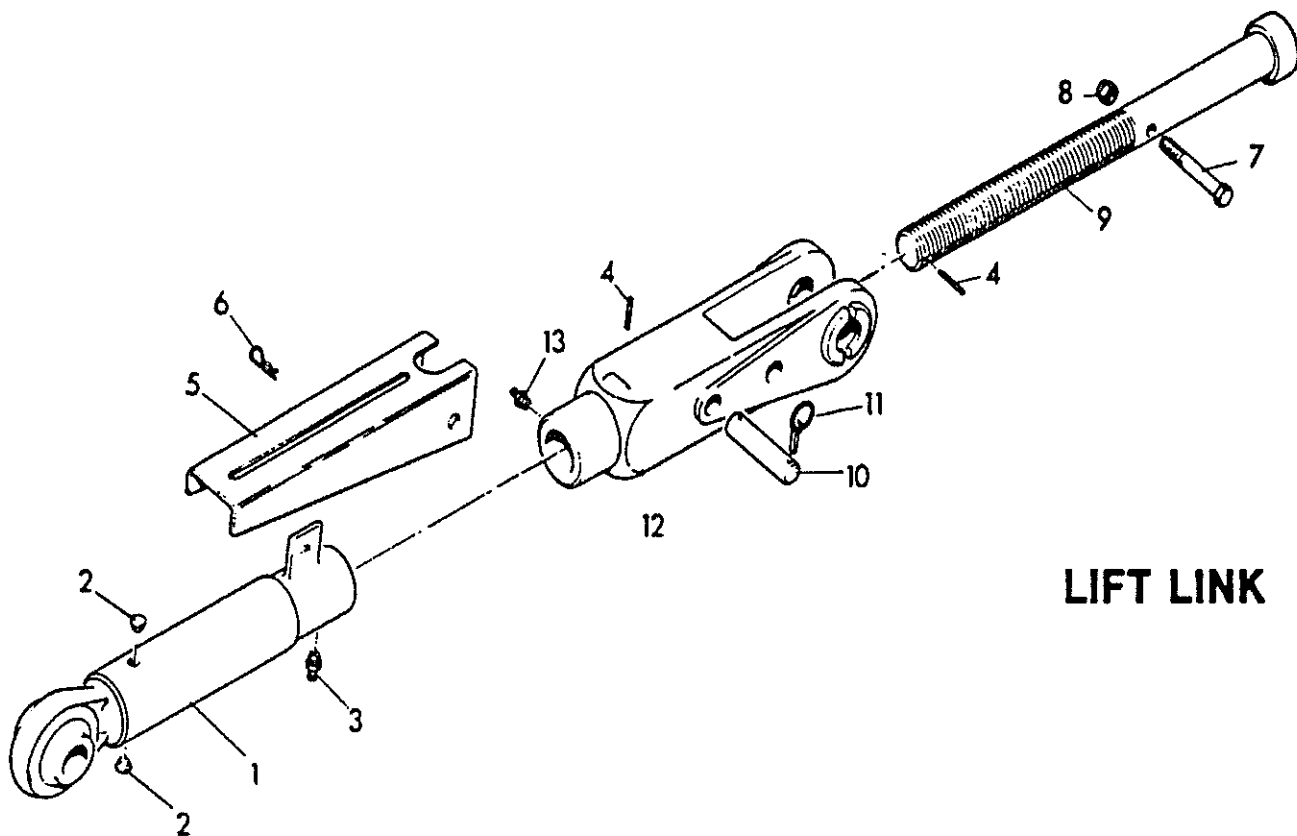
FIGURE 5P1 - LIFT AND TOP LINKS 80-84
HUB UND OBERGELENK
RELEVAGE ET ARTICULATION SUPÉRIEURE
ELEVADOR Y ARTICULACIÓN SUPERIOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1	(1)	V55540	1860324	83-84/	1	Link - Lift Includes: 1-8
		V57665	1860402	81-84/	1	Screw Assembly - L.H.
		V57635		80/	1	Screw Assembly - L.H.
2		V12346	3975937	80-84/	4	Fitting - Grease 1/4" - 28 UNF - Replaces 50496
3		V57666	1860404	80-84/	1	Tube
4		V50034	3976065	80-84/	1	Screw - Cap Hex Grade 8 3/8" - 24 UNC x 3"
5		V12608	1860406	80-84/	1	Nut - Hex 3/8" - 24 UNC
6		V57667	1860407	80-84/	1	Latch Handle Assembly
7		V12058	3975915	80-84/	2	Pin - Roll 1/4" Dia x 1-1/4"
8		V57668	1860409	80-84/	1	Roll & Clevis Assembly
	(1)	V55539	1860338	83-84/	1	Link - Top Includes: 2 & 9-14
9		V56266	1860410	80-84/	1	Socket & Ball Assembly - R.H.
10		V56253	1860411	80-84/	2	Nut - Lock
11		V12221	1860412	80-84/	2	Pin - Spring Slotted 1/4" Dia x 2"
12		V56265	1860413	80-84/	1	Socket & Ball Assembly - L.H.
13		V56255	1860414	80-84/	1	Tube & Collar Assembly
14		V56258	1860415	80-84/	4	Plug - Tapered

(1) - ASN 83036768

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FIGURE 5P2 - LIFT AND TOP LINKS 78-79



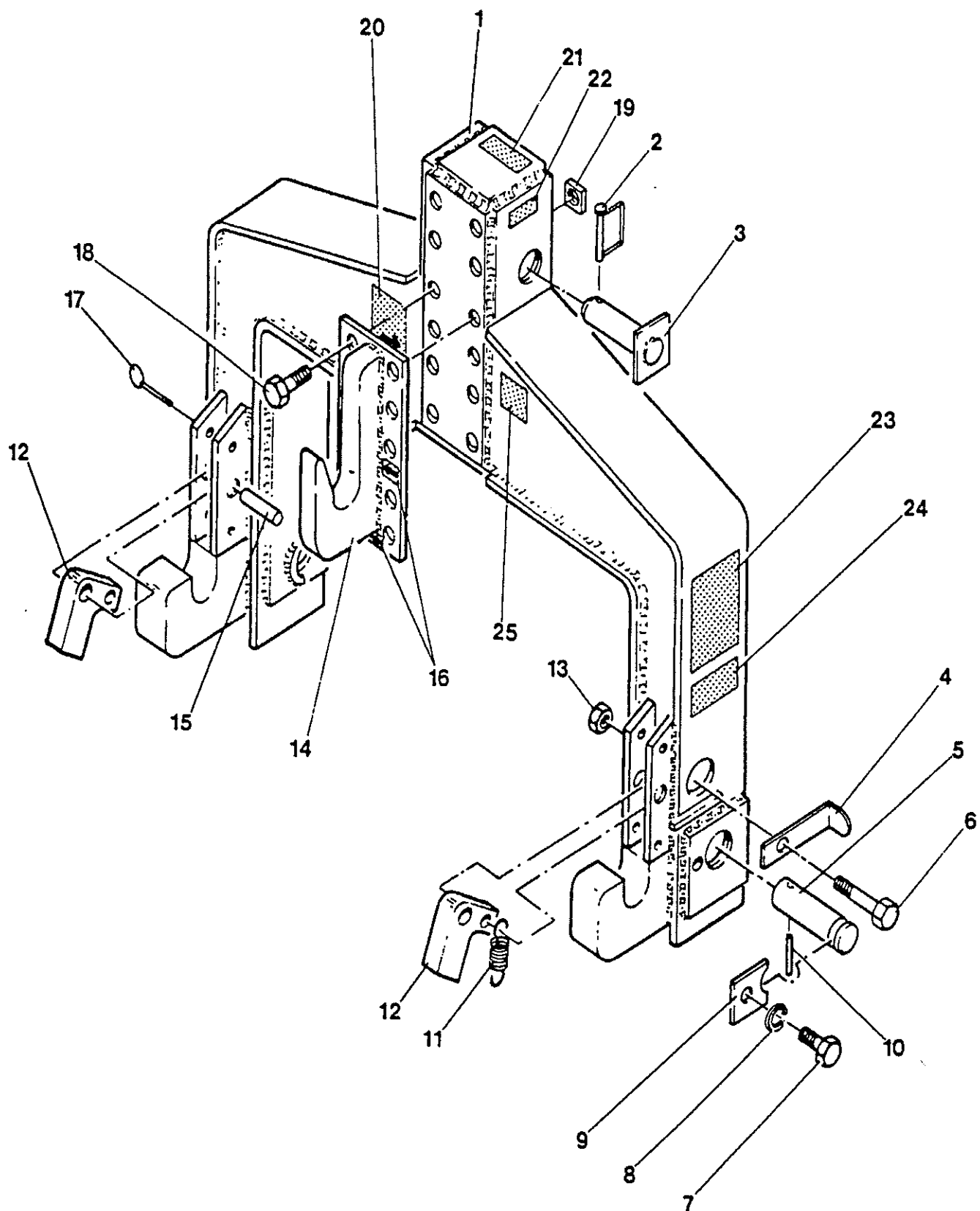
835 TRACTOR

FIGURE 5P2 - LIFT AND TOP LINKS 78-79
HUB UND OBERGELENK
RELEVAGE ET ARTICULATION SUPÉRIEURE
ELEVADOR Y ARTICULACIÓN SUPERIOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V18145		78-79/	2	Lift Link Assembly - Replaces TRA-18145
2		V20138		78-79/	2	Lift Link Upper Assembly
3		V19951		78-79/	4	Plug - Plastic
4		V12346	3975937	78-79/	2	Fitting - Grease 1/4" - 28 NF
5		V12058	3975915	78-79/	4	Pin - Roll 1/4" x 1-1/2"
6		V18692		78-79/	2	Handle - Lift Link - Replaces TRA-18692
7		V18790	3976003	78-79/	2	Pin - Hair Cotter
8		V12222	1861371	78-79/	2	Bolt - Hex 5/16" x 3-1/4" - 18 NC
9		V12344		78-79/	2	Nut - Self Locking 5/16" - 18 NC
10		V18789		78-79/	2	Rod Assembly - Replaces TRA-18789
11		V18151		78-79/	2	Pin - Lock - Replaces TR-18151
12		V14399		78-79/	2	Pin - Klik 3/16" x 1-1/4"
13		V18486		78-79/	2	Link - Lift Lower - Replaces TR-18486
14		V8005		78-79/	2	Fitting - Grease 1/8" NPT - Replaces CR-8005
15		V49342		78-79/	1	Top Link Assembly
16		V49602		78-79/	1	End - Rod R.H. Thread
17		V25090		78-79/	1	Latch - Adjust
18		V25091		78-79/	1	Barrel - Center
19		V25092		78-79/	1	Bolt - 3/8" x 3" - 24 NF Grade 5
20		V20349		78-79/	1	Nut - Self-Locking 3/8" - 24 NF
21		V12346	3975937	78-79/	2	Fitting - Grease Straight 1/4" - 28
22		V19132		78-79/	1	End - Rod L.H. Thread
23		V12058	3975915	78-79/	2	Pin - Roll 1/4" x 1-1/2"

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FIGURE 5R1 - QUICK HITCH



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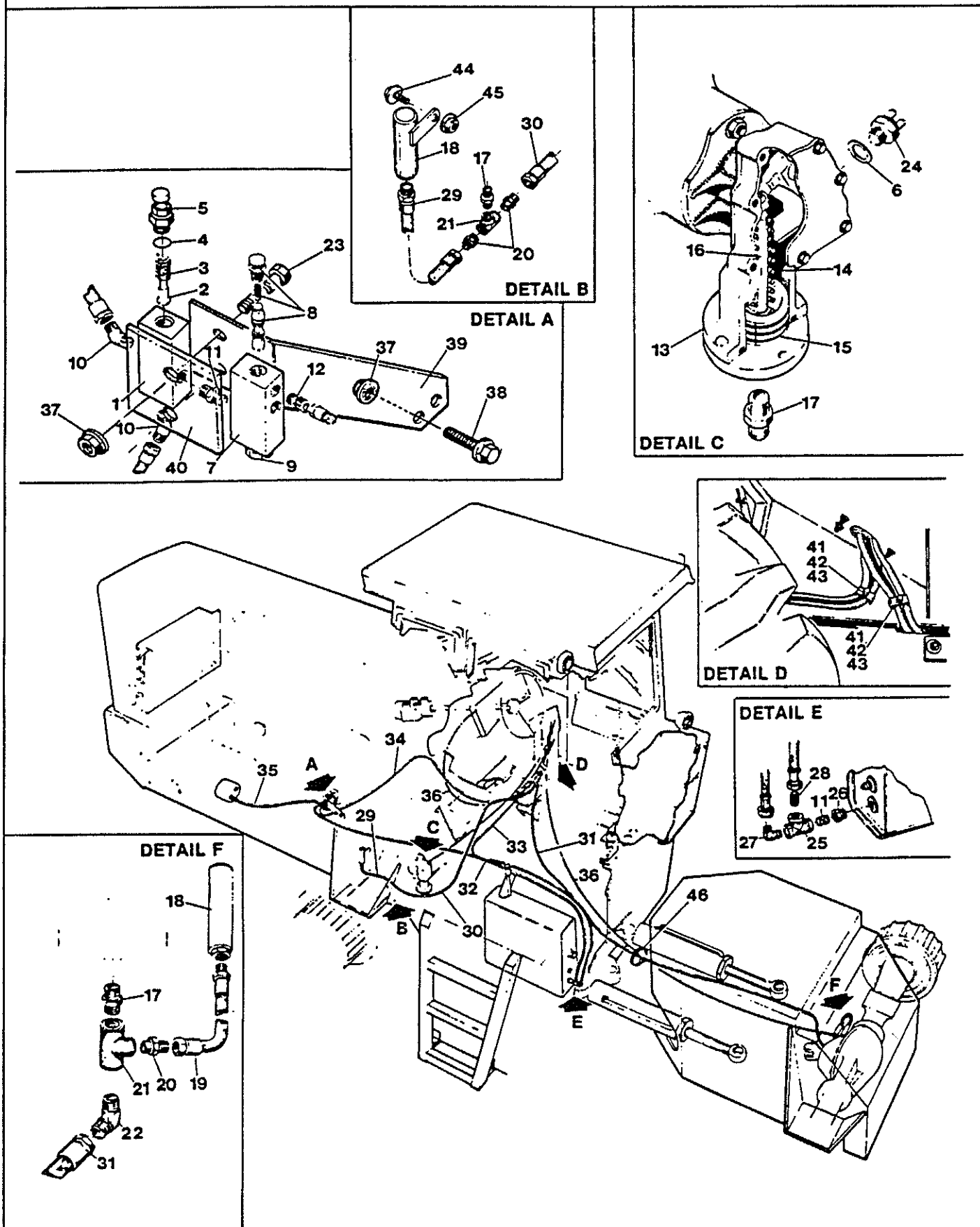
FIGURE 5R1 - QUICK HITCH
SCHNELLÖSE ANHÄNGERKUPPLUNG
CROCHET AUTOMATIQUE
ENGANCHE RÁPIDO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V57099		80-84/	AR	Hitch - Quick
2		V57100		80-84/	1	Hitch - Quick Complete Assembly
3		V55957	1860336	80-84/	1	Pin - Snapper
4		V57088		80-84/	1	Pin - Top Link
5		V57084		80-84/	2	Lever - Lower Latch
6		V57081		80-84/	2	Pin - Lower Link
7		V12006	1860631	80-84/	2	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 3-1/2"
8		V12238	1861213	80-84/	2	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 3/4" - Replaces 12238P
9		V12007	3975906	80-84/	2	Washer - Lock Helical Spring 1/2" ID - Replaces 12007P
10		V55922	1860315	80-84/	2	Plate - Lower Link
11		V50572	1860316	80-84/	2	Pin - Groove 3/8" x 3"
12		V57085		80-84/	2	Spring - Latch
13		V57083		80-84/	2	Plate - Lower Hook
14		V12083	3975918	80-84/	2	Nut - Lock Nylon Insert 1/2" - 13 UNC - Replaces 12083P
15		V57090		80-84/	1	Hook - Upper
16		V57599		80-84/	2	Pin - Groove
17		V57146		80-84/	2	Decal - Arrow
18		V50686		80-84/	2	Pin - Safety
19		V50865		84/	8	Screw - Cap Hex Grade 8 5/8" - 11 UNC x 1-3/4"
20		V29690		83/	8	Screw - Cap Hex 5/8" - 11 UNC x 1.75
21		V50676		80-84/	8	Nut - Square 5/8" - 11 UNC
22		V57148		80-84/	1	Decal - Category III
23		V57150		80-84/	1	Decal - Instructions
24		V12671		80-84/	1	Decal - Made In Canada
25		V57149		80-84/	1	Decal - Warning
		V57151		80-84/	1	Decal - Lift Handle
		V57147		80-84/	1	Decal - Category IV

AR - AS Required

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FIGURE 5S1 - CONTROL CIRCUIT DIFFERENTIAL LOCK

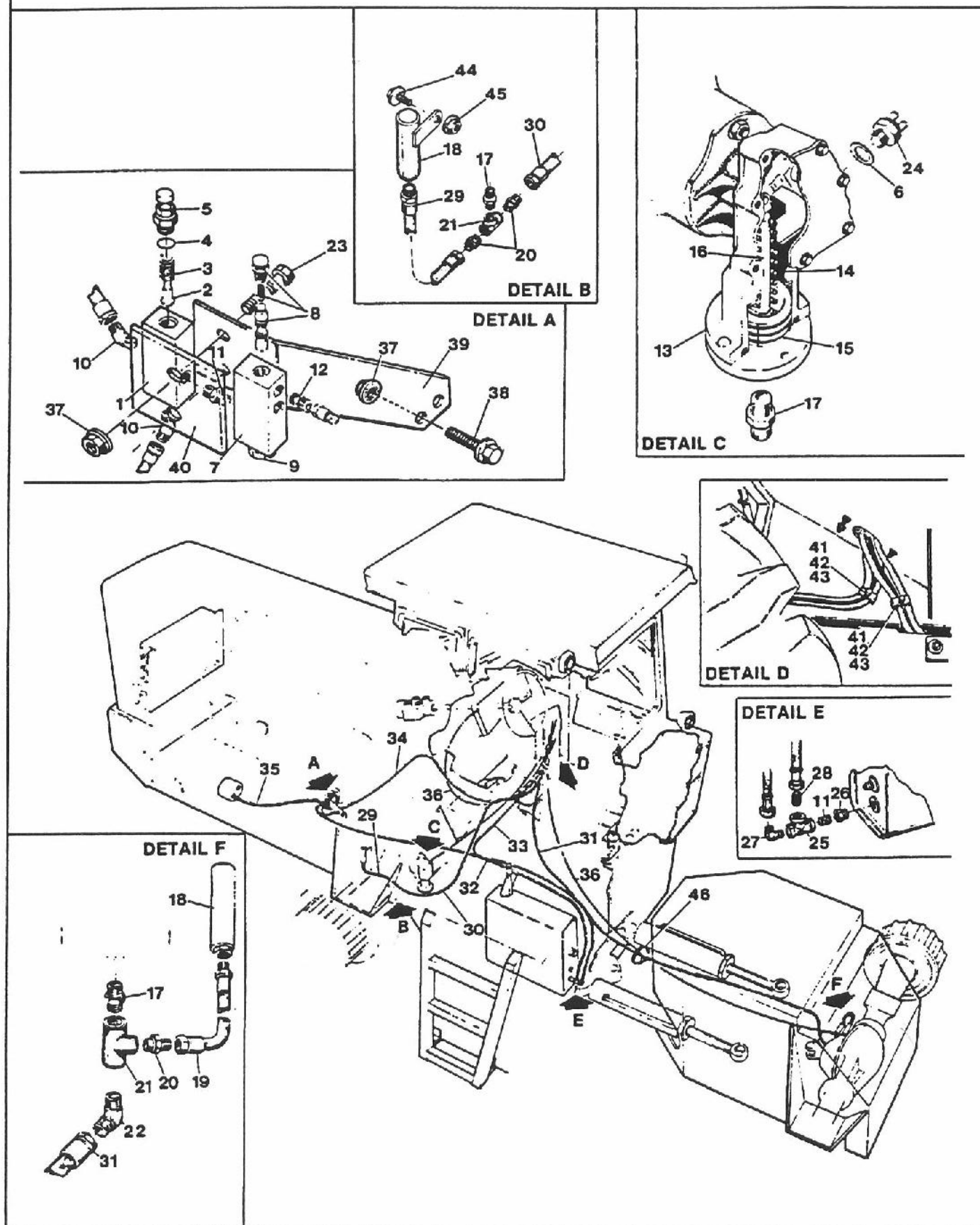


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FIGURE 5S1 - CONTROL CIRCUIT DIFFERENTIAL LOCK
 STEUER-KREISLAUF DIFFERENTIAL-SPERRE
 BLOCAGE DE DIFFERENTIEL DE CIRCUIT DE COMMANDE
 BLOQUEADOR DEL DIFERENCIAL DE CIRCUITO DE CONTROL

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V61411		83-84/	1	Valve - Check 90° Includes: 2-5
2		V79245		83-84/	1	Poppet Assembly
3		V57527		83-84/	1	Spring
4		V57525		83-84/	1	O-Ring
5		V79246		83-84/	1	Adjustment Knob Assembly
6		V56757		83-84/	1	Washer - Switch
		V56768		83-84/	1	Pressure Reducing Valve Assembly Includes: 7-9
7	NSS	V56769		83-84/	1	Body - Valve
8		V91590		84/	1	Cartridge - Pressure Reducing - Replaces 58326
		V58326		83/	1	Cartridge - Pressure Reducing
9		V22607		83-84/	1	Plug - O-Ring Boss w/O-Ring
10		V47812		83-84/	2	Elbow - Male 45°
11		V6507		83-84/	2	Nipple
12		V2717	3975858	83-84/	2	Connector
13		V56756		83-84/	2	Unit - Shift Includes: 14-16
14		V57633		83-84/	1	Spring - Compression
15		V57634		83-84/	1	Piston
16		V57635		83-84/	1	Rod - Push
17		V50266		83-84/	2	Nipple - Hex 1/4" NPT
18		V58508		83-84/	2	Pipe - Cushion
19		V50784		83-84/	1	Hose Assembly - 100 R1-3/8" ID
20		V47204		83-84/	3	Connector - Male 37° Flare 9/16" x 1/4"
21		V50024		83-84/	2	Tee - 1/4" NPT
22		V47791		83-84/	1	Elbow - Male 90°
23		V12103		83-84/	2	Screw - Cap Hex 3/8" - 16 UNC x 2-1/2" Replaces 12103P
24		V54337		83-84/	2	Sender - Switch On-Off
25		V16972		83-84/	1	Tee
26		V17194		83-84/	1	Bushing
27		V47286		83-84/	1	Elbow - Male 90°
28		V19956		83-84/	1	Connector - Male
29		V50785		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
30		V50798		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
31		V50796		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
32		V50650		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
33		V50797		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
34		V50795		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
35		V56764		83-84/	1	Hose Assembly - 100 R1 - 3/4" ID
36		V56772		83-84/	1	Harness - Wiring Controlled Differential Lock
37		V29803	3975610	83-84/	4	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P

NSS -Not Serviced Separately

835 TRACTOR**FIGURE 5S1 - CONTROL CIRCUIT DIFFERENTIAL LOCK**

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FIGURE 5S1 - CONTROL CIRCUIT DIFFERENTIAL LOCK
 STEUER-KREISLAUF DIFFERENTIAL-SPERRE
 BLOCAGE DE DIFFERENTIEL DE CIRCUIT DE COMMANDE
 BLOQUEADOR DEL DIFERENCIAL DE CIRCUITO DE CONTROL

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
38		V29802	1860122	83-84/	2	Screw - Flange - Hex 3/8" - 16 UNC x 1-1/4" Replaces 29802P
39		V56773		83-84/	1	Plate - Mounting
40		V56776		83-84/	1	Plate - Clamping
41		V56777		83-84/	2	Clamp - Hose
42		V50570		83-84/	2	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 1-3/4"
43		V29991	3975622	83-84/	4	Nut - Flange - Hex Serrated 5/16" - 18 UNC - Replaces 29991P
44		V30335	1860094	83-84/	1	Screw - Flange - Hex Serrated 1/2" - 13 UNC x 1-1/2" - Replaces 30335P
45		V30334	1860105	83-84/	1	Nut - Flange - Hex Serrated 1/2" - 13 UNC - Replaces 30334P
46		V2747	3975860	83-84/	10	Strap - Tie
		V56632		83-84/	1	Kit - Shift Unit Seal

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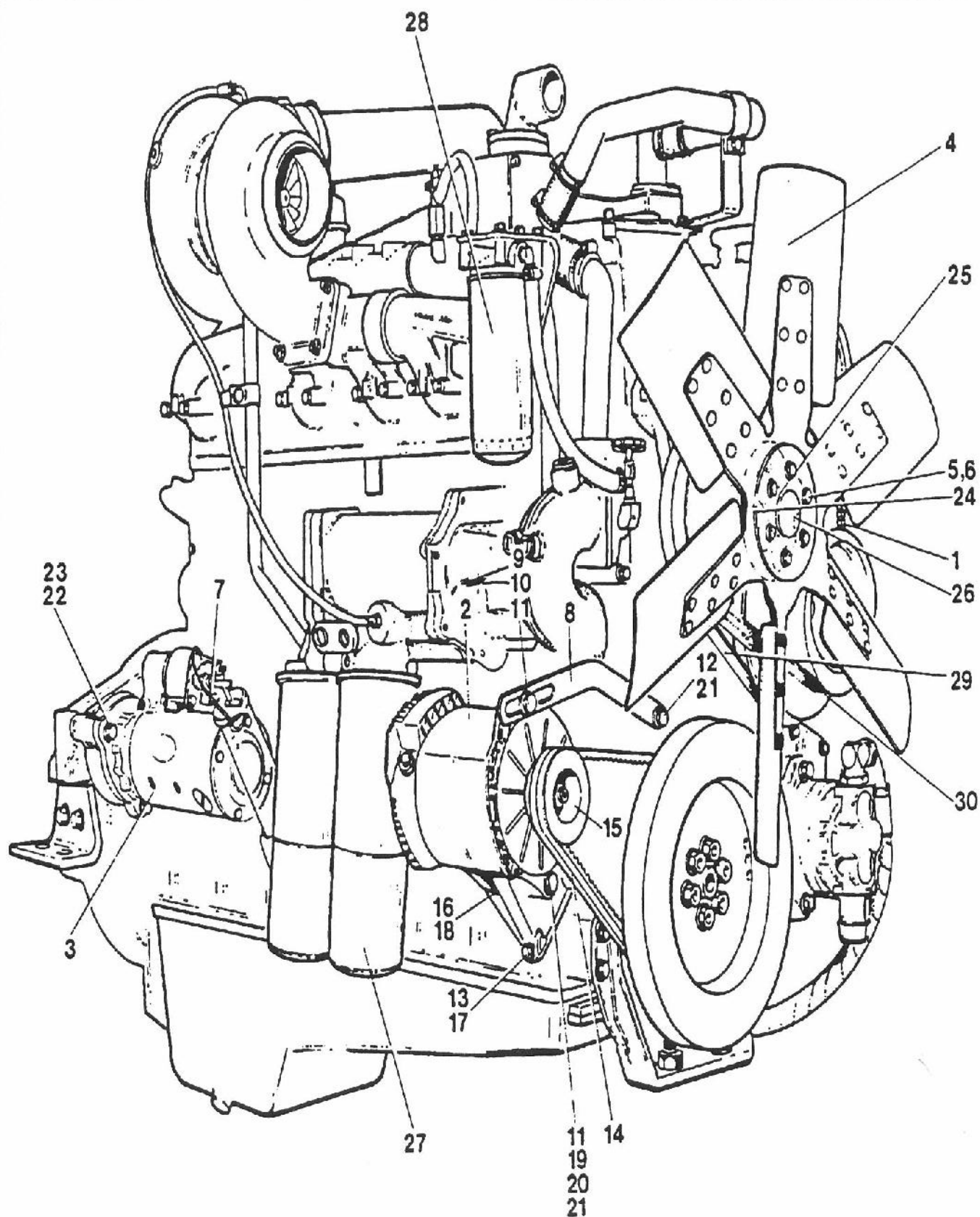
835 TRACTOR

SECTION 6 - ENGINE
SEKTION 6 - MOTOR
SECTION 6 - MOTEUR
SECCION 6 - MOTOR

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FIGURE 6A1 - ENGINE 83-84



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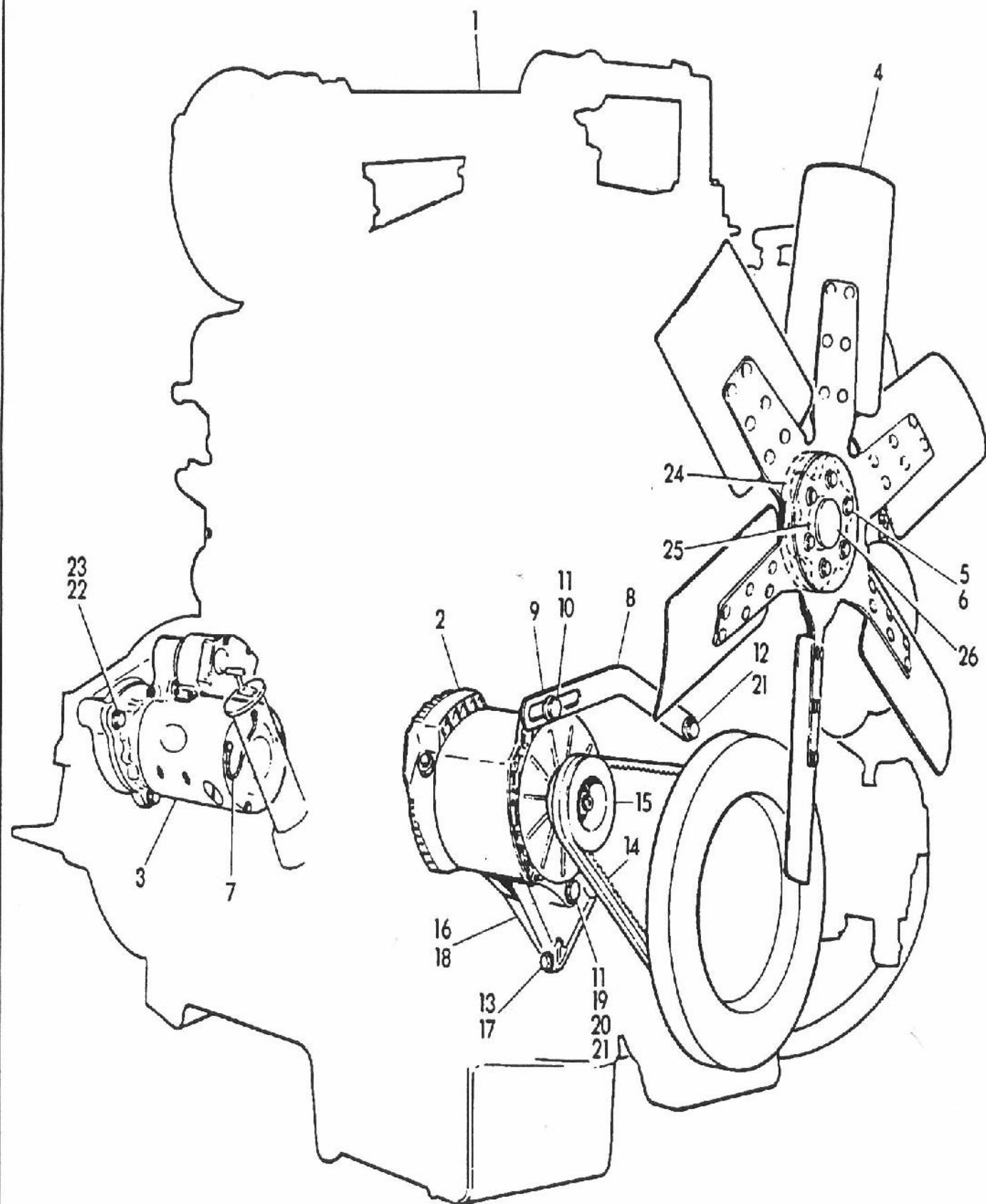
FIGURE 6A1- ENGINE 83-84
MOTOR
MOTEUR
MOTOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V20974		83-84/	1	Belt Set - Compressor
2		V60510	1861768	83-84/	1	Alternator - 90 Amp - Replaces 77484
3		V60511		83-84/	1	Motor - Starting
4		V60513		83-84/	1	Fan - 28"
5		V60521		83-84/	6	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 4-1/4"
6		V12011	3975908	83-84/	6	Washer - Lock Helical Spring 3/8" ID
7		V60596		83-84/	1	Wire - Ground Starter
8				83-84/	1	Link - Adjusting
9				83-84/	1	Spacer - 9/13" ID x 1" OD x 7/8"
10				83-84/	1	Screw - Cap Hex 1/2" - 13 UNC x 2
11				83-84/	3	Washer - Plain 19/32" ID x 1" OD x 12 GA
12				83-84/	1	Screw - Cap Hex 7/16" - 20 UNF x 3-1/4"
13				83-84/	3	Washer - Lock Helical Spring 3/8" ID
14		V57262	1859649	83-84/	1	V-Belt
15				83-84/	1	Pulley
16				83-84/	1	Bracket - Support
17				83-84/	2	Screw - Cap Hex 3/8" - 16 UNC x 1-1/2"
18				83-84/	1	Screw - Cap Hex 3/8" - 16 UNC x 1-1/8"
19				83-84/	1	Nut - Flange - Hex Serrated 1/2" - 20 UNF
20				83-84/	1	Screw - Cap 1/2" - 20 UNF x 6
21				83-84/	1	Washer - Lock 7/16" ID
22				83-84/	3	Washer - Lock Helical Spring 5/8" ID
23				83-84/	3	Screw - 12 Point 5/8" - 11 UNC x 2"
24		V63235		83-84/	1	Spacer Fan Assembly - 2" Pilot
25	NSS	V63233		83-84/	1	Includes: 25 & 26 Plug - Expansion 2 Dia
26		V63237		83-84/	1	Spacer - Fan 2" Pilot
27		V31133		83-84/	1	Element - Oil Filter
28		V25881		83-84/	1	Element - Cooler Filter
29		V57260	1859648	83-84/	1	Set - Belt Water Pump
30		V60407		83-84/	1	Set - Belt Fan

NSS -Not Serviced Separately

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FIGURE 6A2 - ENGINE 81-83



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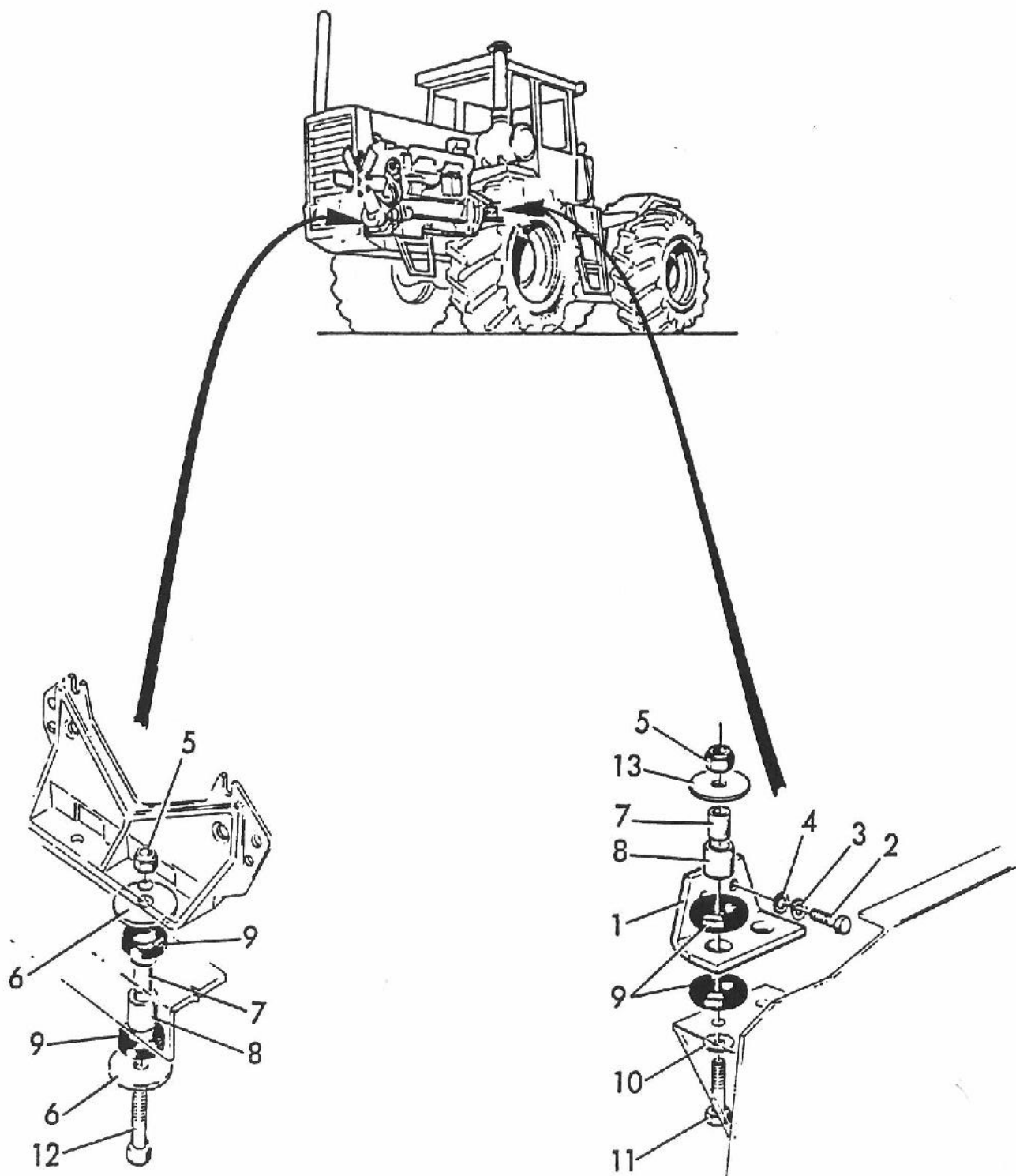
FIGURE 6A2 - ENGINE 81-83
MOTOR
MOTEUR
MOTOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58132		81-83/	1	Engine - Cummins NT 855-C - For Model 835
2		V60510	1861768	81-83/	1	Alternator - 90 Amp
3		V60511		81-83/	1	Motor - Starting
4		V60513		81-83/	1	Fan - 28"
5		V60521		81-83/	6	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 4-1/4"
6		V12011	3975908	81-83/	6	Washer - Lock Helical Spring 3/8" ID
7		V60596		81-83/	1	Wire - Ground Starter
8				81-83/	1	Link - Adjusting
9				81-83/	1	Spacer - .53 ID x 1 OD x .88
10				81-83/	1	Screw - Cap Hex 1/2" - 13 UNC x 2"
11				81-83/	3	Washer - Plain .57 ID x 1 OD x 12 GA
12				81-83/	1	Screw - Cap Hex 7/16" - 20 UNF x 3-1/4"
13				81-83/	3	Washer - Lock Helical Spring 3/8" ID
14		V57262	1859649	81-83/	1	V-Belt
15				81-83/	1	Pulley
16				81-83/	1	Bracket - Support
17				81-83/	2	Screw - Cap Hex 3/8" - 16 UNC x 1-1/2"
18				81-83/	1	Screw - Cap Hex 3/8" - 16 UNC x 1-1/8"
19				81-83/	1	Nut - Flange - Hex Serrated 1/2" - 20 UNF
20				81-83/	1	Screw - Cap 1/2" - 20 UNF x 6"
21				81-83/	1	Washer - Lock 7/16"
22				81-83/	3	Washer - Lock Helical Spring 5/8" ID
23				81-83/	3	Screw - 12 Points 5/8" - 11 UNC x 2"
24		V63235		81-83/	1	Spacer Assembly - Fan 2" Pilot
25	NSS	V63233		81-83/	1	Includes: 25 & 26 Plug - Expansion 2 Dia
26		V63237		81-83/	1	Spacer - Fan

NSS -Not Serviced Separately

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FIGURE 6B1 - ENGINE MOUNTING



835 TRACTOR

FIGURE 6B1 - ENGINE MOUNTING
MOTOR MONTAGE
MONTAGE DE MOTEUR
MONTAGE DE MOTOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V47026		78-84/	2	Bracket - Rear Mount
2		V12638		78-84/	4	Screw - Cap Hex 5/8" - 11 UNC x 1-3/4"
3		V12110		78-84/	2	Washer - Lock Helical Spring 5/8" ID
4		V18983		78-84/	2	Washer - Lock External Tooth 5/8" ID
5		V13649		78-84/	6	Nut - Lock Grade 8 3/4" - 10 UNC - Replaces 13649P
6		V101T181		78-84/	4	Washer - Mounting Pad
7		V29759		78-84/	6	Spacer - 1.52
8		V29758		78-84/	6	Isolator - Sleeve
9		V29757		78-84/	12	Isolator - Engine
10		V12065	3975916	78-84/	4	Washer - Flat 3/4" ID
11		V50159		84/	4	Screw - Cap Hex 3/4" - 10 UNC x 3-3/4"
		V12587		78-83/	4	Screw - Cap Hex 3/4" - 10 UNC x 3-1/4"
12		V500T219		78-84/	2	Screw - Cap Hex 3/4" - 10 UNC x 3-1/2"
13		V55895		80-84/	4	Washer - Mounting Pad
		V101T181		78-79/	4	Washer - Mounting Pad

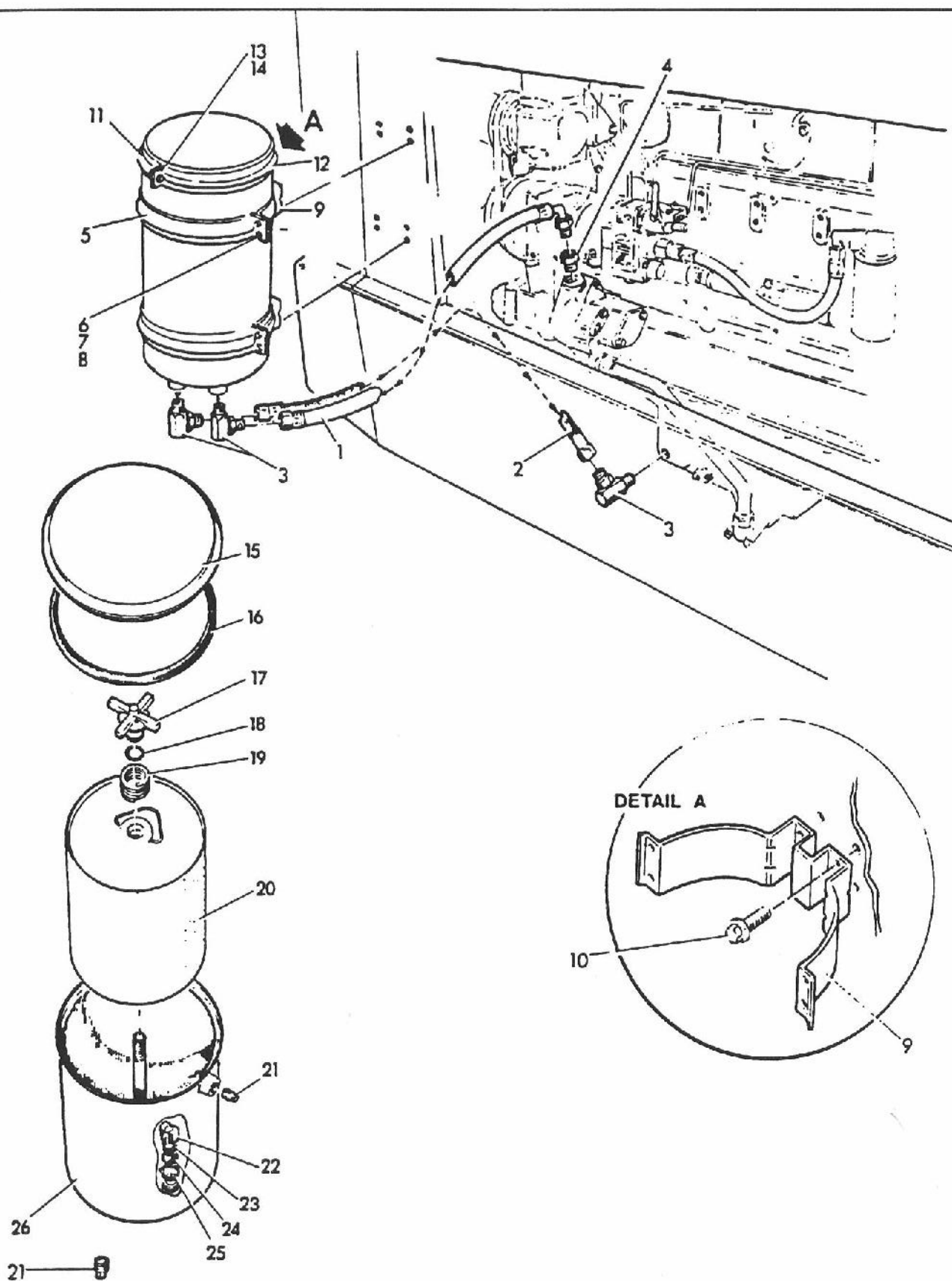
835 TRACTOR

FIGURE 6C1 - ENGINE BY-PASS FILTER 80-83
 MOTOR NEBENSTRON-FILTER
 FILTRE EN DÉRIVATION
 FILTRO DE DERIVACION

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V50684		80-83/	1	Hose Assembly - 3/8" ID High Temperature
2		V50776		81-83/	1	Hose Assembly - 3/8" ID High Temperature
		V50685		80/	1	Hose Assembly - 3/8" ID High Temperature
3		V50644		80-83/	1	Elbow - 90° Male
4		V4070		80-83/	1	Connector - Male 37° Flare - Replaces SW4070
5		V702T117	1860998	80-83/	1	Adapter - Swivel Union 90 - 1/2"
6		V47204		81-83/	1	Connector - Male 37° Flare
		V22877	1860656	80/	1	Connector - Male 37° Flare
7		V29893		80-83/	3	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 1" - Replaces 29893P
8		V57124		80-83/	1	Filter - Element
9		V57125		80-83/	1	Head Assembly - By-Pass

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FIGURE 6C2 - ENGINE BY-PASS FILTER 78-79



835 TRACTOR

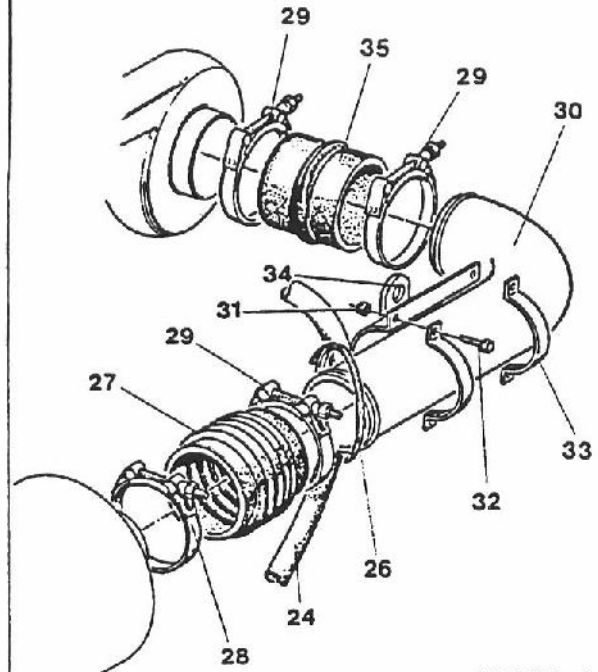
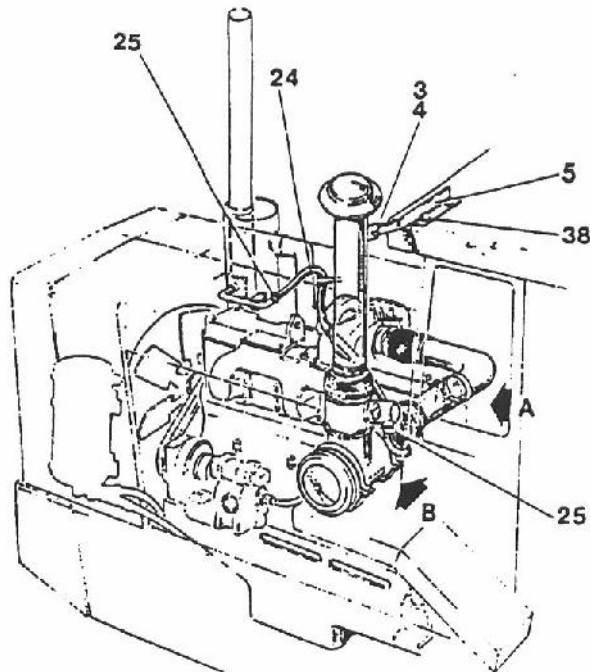
FIGURE 6C2 - ENGINE BY-PASS FILTER 78-79
MOTOR NEBENSTRON-FILTER
FILTRE EN DÉRIVATION
FILTRO DE DERIVACION

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1	NSS	V22390		78-79/	1	Hose Assembly - High Temperature 3/8"
2		V22391		78-79/	1	Hose Assembly - High Temperature 3/8"
3		V702T117	1860998	78-79/	3	Adapter - Swivel Union 90° 1/2"
4		V22877	1860656	78-79/	1	Connector - 37° Flare x 3/4"
		V32511		78-79/	2	Bracket - Mounting Complete Assembly Includes: 5-9
5		V711T112		78-79/	2	Strap
6		V7770	3975895	78-79/	8	Nut - Hex 1/4" - 20 NC - Replaces L-7770
7		V12004	3975905	78-79/	8	Washer - Lock 1/4"
8		V12231	3975932	78-79/	8	Bolt - Hex 1/4" 20 NC x 3/4"
9		V711T111		78-79/	1	Bracket
10		V29892		78-79/	8	Bolt - Hex Serrated Head 3/8" - 16 NC x 1/2" Long - Replaces 29892P
		V711T108V11		78-79/	AR	Coupling Assembly Includes: 11-14
11	NSS	V32510		78-79/	1	Coupling - Half WA
12	NSS	V32509		78-79/	1	Coupling - Half
13		V12084	1861092	78-79/	2	Bolt - Hex 5/16" 18 NC x 1-1/4"
14		V12087	1861067	78-79/	2	Washer - Lock 5/16"
15	NS	V22827		78-79/	1	Cover
16		V711T107		78-79/	1	Gasket - Cover
		V21302		78-79/	AR	Upper Support Assembly Includes: 17-19
17		V32508		78-79/	1	Support - Upper
18		V915T107	1860551	78-79/	1	O-Ring - Replaces 711T103
19		V711T104		78-79/	1	Spring
20		V19567		78-79/	1	Element
21		V6972		78-79/	2	Plug - 3/8" NPTF - Replaces SW-6972
22	NS	V32497		78-79/	1	Case
23	NS	V32496		78-79/	1	Spring
24	NS	V32498		78-79/	1	Disc
25	NS	V32499		78-79/	1	Ring - Retaining
26		V19568		78-79/	1	Shell Assembly
		V22826		78-79/	1	Valve - Check Includes: 22-25

AR - As Required
NS - Not Serviced
NSS - Not Serviced Separately

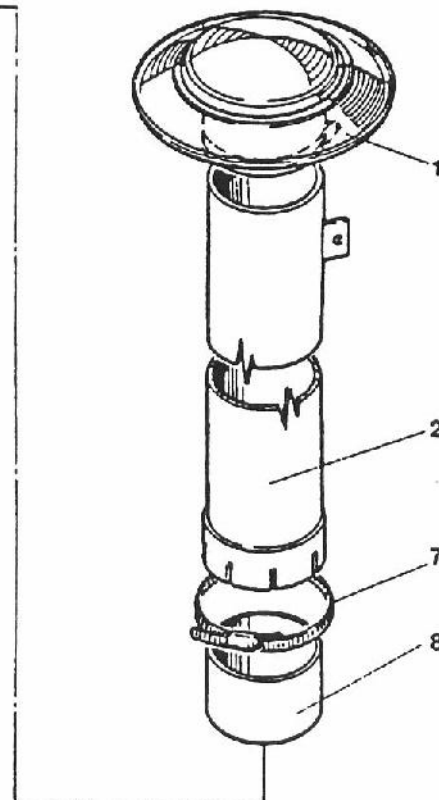
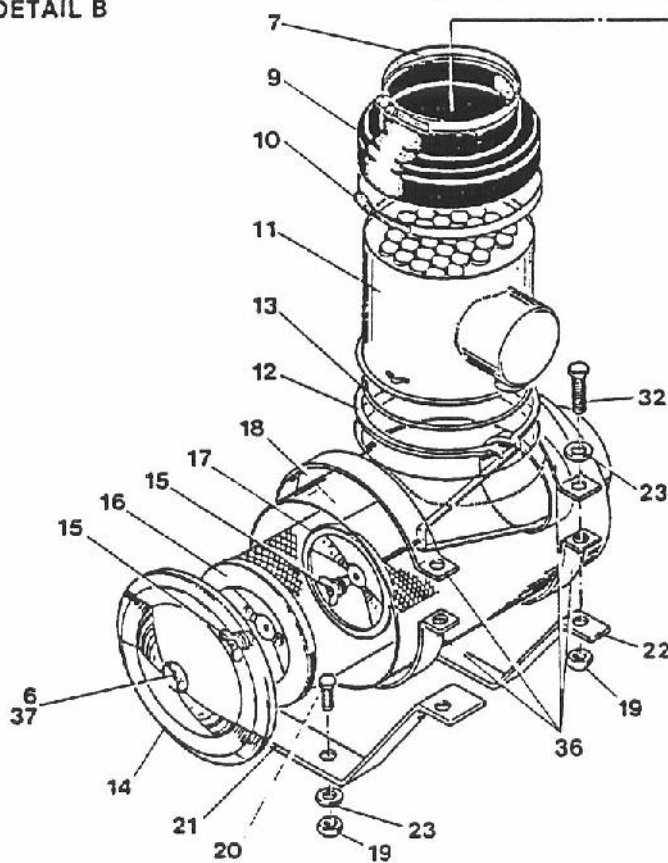
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FIGURE 6D1 - AIR INTAKE SYSTEMS 83-84



DETAIL A

DETAIL B



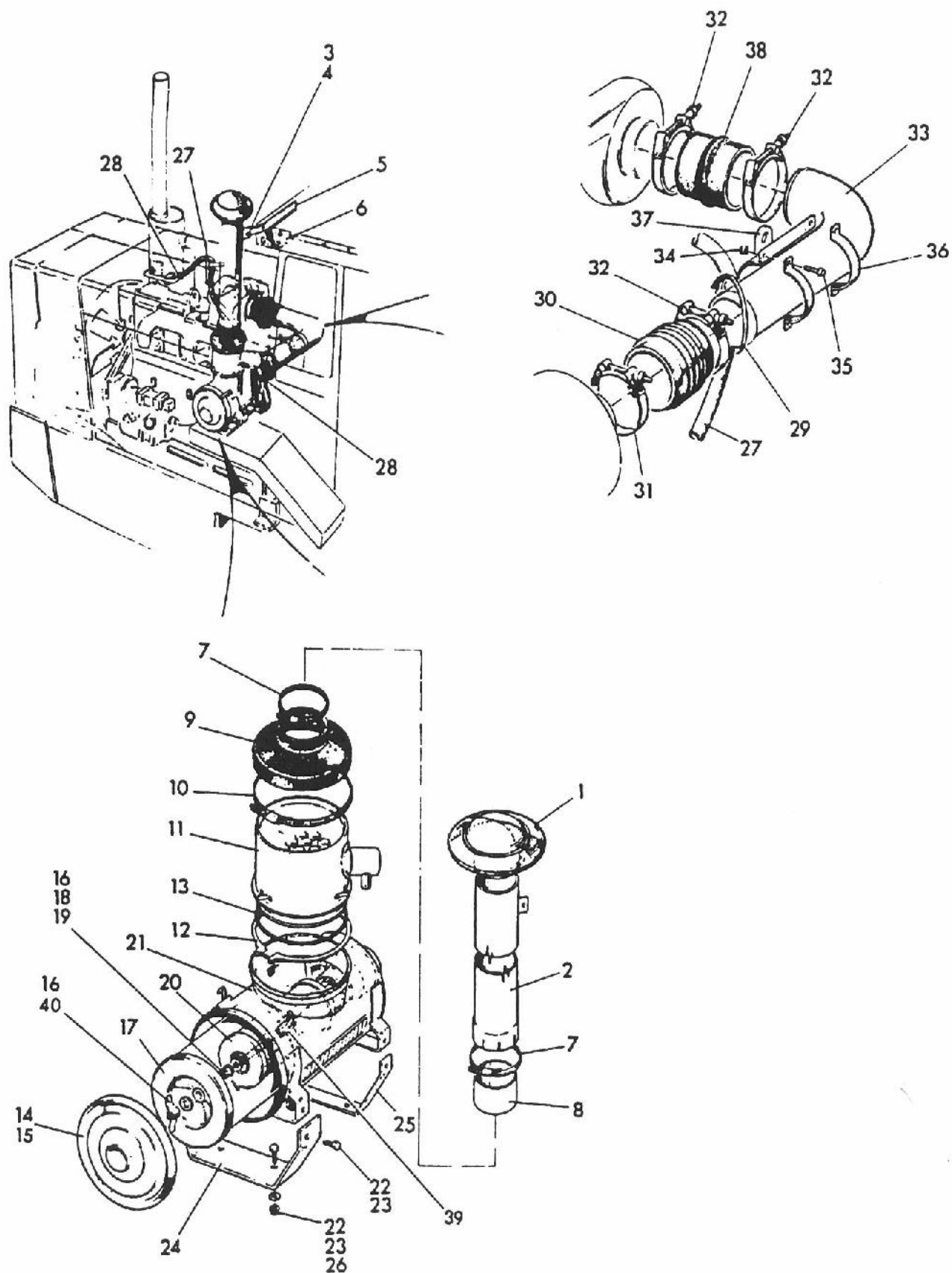
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FIGURE 6D1 - AIR INTAKE SYSTEMS 83-84
 LUFTANSAUGKRUMMER SYSTEM 83-84
 CIRCUIT DE ADMISSION D'AIR 83-84
 CIRCUITO DE ENTRADA DE AIRE 83-84

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V32375		83-84/	1	Hood - Air Inlet
2		V32378		83-84/	1	Tube Assembly - Intake
3		V29940	3975619	83-84/	1	Nut - Hex 1/4" - 20 UNC - Replaces 29940P
4		V29804	3975611	83-84/	1	Screw - Cap Hex 1/4" - 20 UNC x 3/4" - Replaces 29804P
5		V32381		83-84/	1	Bracket - Support
6		V78021		83-84/	1	Clip
7		V32383		83-84/	2	Clamp - Hose
8		V32376		83-84/	1	Tube - Support
9		V31184		83-84/	1	Adaptor - Intake Tube
10		V31204		83-84/	1	Clamp - Hose
		V65051		83-84/	1	Air Cleaner Assembly Includes: 11-18
11		V31442		83-84/	1	Body Assembly - Precleaner
12		V31441	1860453	83-84/	1	Clamp Assembly
13		V31440	1860454	83-84/	1	O-Ring
		V68910		83-84/	1	Cleaner Assembly - Replaces 65082 Includes: 14-18
14		V71790	1860449	83-84/	1	Cover Assembly Includes: 6 & 37
15		V65034		83-84/	2	Nut Assembly
16		V30924		83-84/	1	Element - Primary
17		V30927		83-84/	1	Element - Safety
18				83-84/	1	Body - Air Cleaner
19		V29803	3975610	83-84/	8	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
20		V12050	3975911	83-84/	4	Screw - Cap Hex Serrated 3/8" - 16 UNC x 1" - Replaces 12050P
21		V65049		83-84/	1	Bracket - Air Cleaner L.H.
22		V65050		83-84/	1	Bracket - Air Cleaner R.H.
23		V18603	3976001	83-84/	8	Washer - Plain 13/32" ID x 1-1/8" OD x 16 GA - Replaces 18603P
24		V31234		83-84/	1	Hose - Suction
25		V20387		83-84/	2	Clamp - Hose
26		V30267	3975628	83-84/	1	Strap - Tie
27		V49346		83-84/	1	Hose - Air Intake Tube
28		V22165	1860443	83-84/	1	Clamp - Hose
29		V47587	1860440	83-84/	3	Clamp - Hose
30		V49325		83-84/	1	Tube - Intake
31		V12131	3975929	83-84/	4	Nut - Lock 3/8" - 16 UNC
32		V12057	3975914	83-84/	8	Screw - Cap 3/8" - 16 UNC x 1-1/2" - Replaces 12057P
33		V49349		83-84/	2	Clamp - Intake
34		V49314		83-84/	1	Bracket - Air Intake
35		V49736		83-84/	1	Hose - Intake
36		V65048		83-84/	4	Band - Air Cleaner Mounting
37		V78020		83-84/	1	Nut
38		V41762		83-84/	2	Capscrew & Washer Assembly - Hex 1/4" - 20 UNC x 3/4" - Replaces 41762P

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FIGURE 6D2 - AIR INTAKE SYSTEMS 78-83



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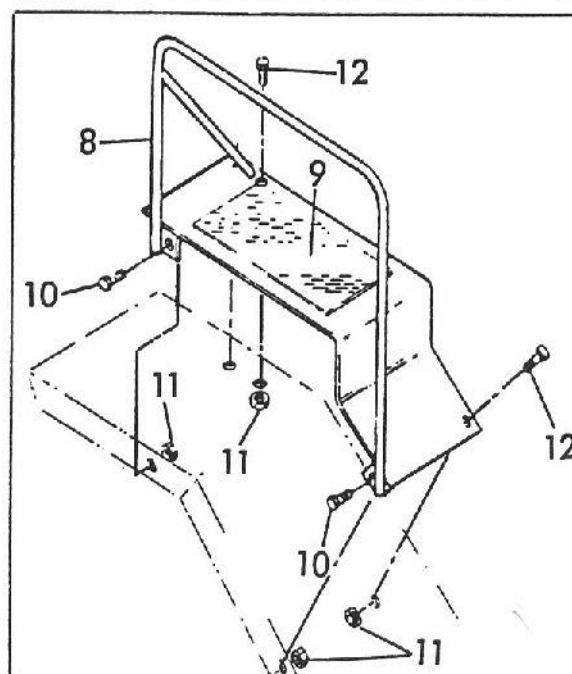
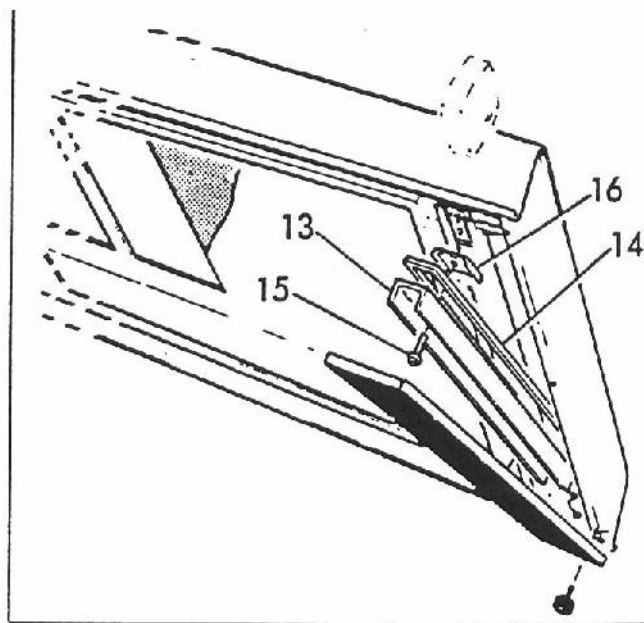
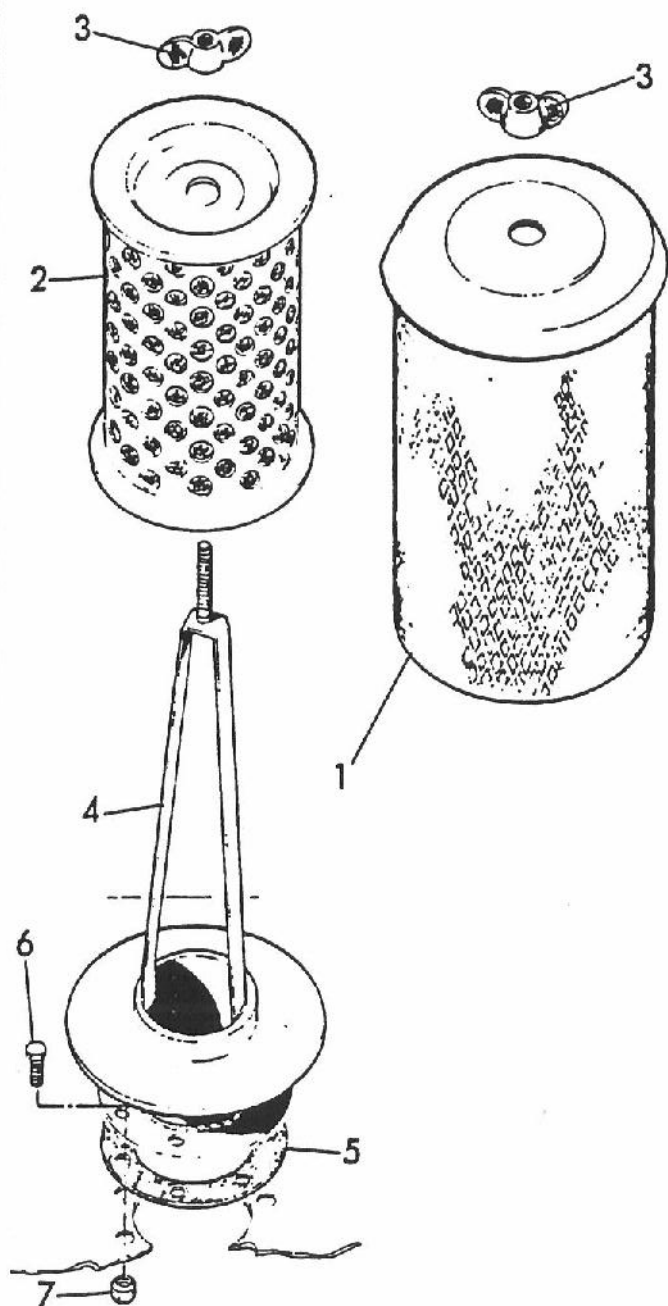
FIGURE 6D2 - AIR INTAKE SYSTEMS 78-83
 LUFTANSAUGKRUMMER SYSTEM 78-83
 CIRCUIT DE ADMISSION D'AIR 78-83
 CIRCUITO DE ENTRADA DE AIRE 78-83

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V32375		78-83/	1	Inlet - Hood Air
2		V32378		78-83/	1	Tube Assembly - Intake - Replaces TRA-32378
3		V29940	3975619	78-83/	1	Nut - Hex 1/4" - 20 UNC - Replaces 29940P
4		V29804	3975611	78-83/	1	Screw - Cap Hex 1/4" - 20 UNC x 3/4" - Replaces 29804P
5		V32381		78-83/	1	Bracket - Support - Replaces TR-32381
6		V32405		78-83/	1	Inlet - Plate - Replaces TR-32405
7		V32383		78-83/	2	Clamp - Hose
8		V32376		78-83/	1	Tube - Support - Replaces TR-32376
9		V31184		78-83/	1	Adaptor - Intake Tube - Replaces TR-31184
10		V31204		78-83/	1	Clamp - Hose
		V30915		78-83/	1	Air Cleaner Assembly Includes: 11-21
11		V31442		78-83/	1	Body Assembly - Precleaner
12		V31441	1860453	78-83/	1	Clamp Assembly
13		V31440	1860454	78-83/	1	O-Ring
14		V31247		78-83/	1	Cover Assembly
15		V56657		81-83/	1	Gasket - Cover
16		V31445		78-83/	2	Washer - Gasket
17		V30924		78-83/	1	Element - Primary
18		V12351		78-83/	1	Pin - Cotter 1/8" x 1-1/4"
19		V30930		78-83/	1	Nut - Slotted
20		V30927		78-83/	1	Element - Safety
21	NSS	V31448		78-83/	1	Body - Air Cleaner
22		V29803	3975610	78-83/	8	Nut - Flange - Hex Serrated 3/8" - 16 UNC
23		V12050	3975911	78-83/	8	Screw - Cap Hex 3/8" - 16 UNC x 1"
24		V31444		78-83/	1	Bracket - Air Cleaner L.H. - Replaces TR-31444
25		V31443		78-83/	1	Bracket - Air Cleaner R.H. - Replaces TR-31443
26		V12677		78-83/	4	Washer - Plain 13/32" ID x 1-1/8" OD x 16 GA
27		V31234		78-83/	1	Hose - Suction
28		V20387		80-83/	2	Clamp - Hose
		V320211V1		78-79/	1	Clamp - Hose
29		V30267	3975628	78-83/	1	Strap - Tie
30		V49346		78-83/	1	Hose - Air Intake Tube
31		V22165		78-83/	1	Clamp - Hose
32		V47587		78-83/	3	Clamp - Hose
33		V49325		78-83/	1	Tube - Intake
34		V12131	3975929	78-83/	4	Nut - Lock 3/8" - 16 UNC - Replaces 12131P
35		V12057	3975914	78,81-83/	4	Screw - Cap 3/8" - 16 UNC x 1-1/2" - Replaces 12057P
		V12037	3975909	80/	4	Screw - Cap 3/8" - 16 UNC x 1-1/2"
		V12038	1861603	79/	4	Screw - Cap 3/8" - 16 UNC x 1-1/4"
36		V49349		78-83/	2	Clamp - Intake - Replaces TR-49349
37		V49314		78-83/	1	Bracket - Air Intake - Replaces TRA-49314
38		V49736		78-83/	1	Hose - Intake
39		V61220		81-83/	2	Klip - Replaces TR-61220
40		V30928		78-83/	1	Nut - Wing

NSS -Not Serviced Separately

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FIGURE 6D3 - HIGH CAPACITY AIR FILTER



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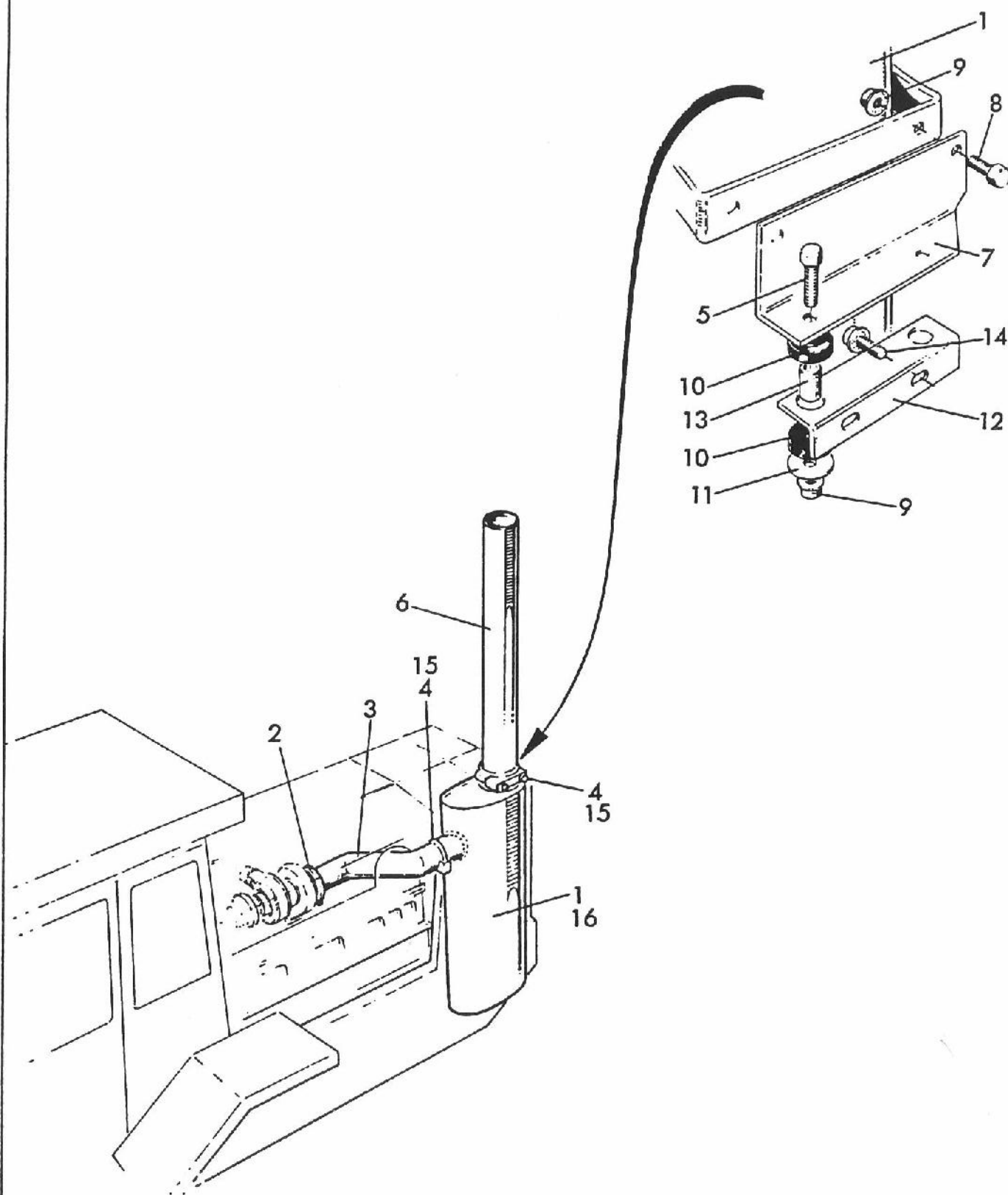
FIGURE 6D3 - HIGH CAPACITY AIR FILTER
 LUFTFILTER FREIE-KAPAZITAT
 FILTRE A AIR HAUTE-CAPACITE
 PURIFICADOR DE AIRE ALTO-CAPACIDAD

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V57110		81-84/	1	Air Cleaner Assembly
1		V56224		81-84/	1	Includes: 1-4
2		V24575		81-84/	1	Screen - Air Cleaner
3		V12049		81-84/	1	Filter - Paper Element
4		V56182		81-84/	2	Nut - Wing Type A - Replaces 12049P
5		V56187		81-84/	1	Cleaner - Air
6		V41762		81-84/	1	Gasket
				81-84/	6	Screw - Machine Hex Washer 1/4" - 20 UNC x 3/4" - Replaces 41762P
7		V29940	3975619	81-84/	6	Nut - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
		V56308		81-84/	1	Step Assembly
8	NSS	V56309		81-84/	1	Includes: 8 & 9
9		V56303		81-84/	1	Step
10		V29892	3975613	81-84/	1	Thread - Grip Plate
				81-84/	2	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
11		V29803	3975610	81-84/	5	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
12		V29802	1860122	81-84/	3	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 1-1/4" - Replaces 29802P
13		V56323		81-84/	1	Plate - Cover
14		V8854007		81-84/	1	Seal - Replaces 56540
15		V50639		81-84/	4	Screw - Flange 5/16" - 18 UNC x 2"
16		V56322		81-84/	4	Bracket

NSS -Not Serviced Separately

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FIGURE 6E1 - EXHAUST SYSTEM



835 TRACTOR

FIGURE 6E1 - EXHAUST SYSTEM
 ABGASSYSTEM
 ECHAPPEMENT
 SISTEMA DE ESCAPE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V108431		78-84/	1	Muffler - Aspirating - Replaces TR-25718
2		V16845		78-84/	1	Clamp - V-Band 5-3/4" Dia
3		V25663		78-84/	1	Pipe - Exhaust - Replaces TR-25663
4		V18827	1860464	78-84/	2	Clamp - '5' Exhaust
5		V12057	3975914	78-84/	4	Bolt - 3/8" NC - 1-1/2" - Replaces 12057P
6		V27046		78-84/	1	Pipe - Exhaust Extension - Replaces TR-27046
7		V31088		78-84/	2	Bracket - Muffler - Replaces TR-31088
8		V12050	3975911	78-84/	4	Bolt - 3/8" NC - 1 - Replaces 12650P
9		V29803	3975610	78-84/	8	Nut - Serrated Washer 3/8" 16 NC - Replaces 29803P
10		V15578	1860467	78-84/	8	Bushing - Rubber
11		V25814	3975600	78-84/	4	Washer - Flat - Replaces 25814P
12		V31087		78-84/	2	Bracket - Muffler - Replaces TR-31087
13		V18407	1860468	78-84/	4	Spacer
14		V29893	3975615	78-84/	4	Bolt - Serrated Washer Head 3/8" NC - 1 - Replaces 29893P
15		V18603	3976001	78-84/	4	Washer - Flat 3/8" Standard - Replaces 18603P
16		V28246		78-80/	1	Muffler - Spark Arresting

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SECTION 7 - TRANSMISSION
SEKTION 7 - GETRIEBE
SECTION 7 - TRANSMISSION
SECCION 7 - TRANSMISIN

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
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7A2	Input Shaft Eingangswelle Arbre - Entrée Eje - Impulsor	7-7	
7A3	Top Countershaft Oberseite Vorgelegewelle Arbre Secondaire Dessus Contraeje Parte Superior	7-9	
7A4	Reverse Idler and Bottom Countershaft Rückwärtsleitrad und Bodenvorgelegewelle Pignon A Vide de Marche Arriere et Fond de Arbre Secondaire Rueda en Vacio de Retroceso y Fondo de Contraeje	7-11	
7A5	Output Shaft Ausgangswelle Arbre de Sortie Eje de Salida	7-13	
7B1	Transmission Linkage Getriebe Verbindung Timonerie Transmission Unión Transmisión	7-15,7-17	
7C1	Transmission Mounting Getriebe-Montage Montage de Transmission Montaje de Transmisión	7-19	
7D1	Transmission Gearbox PTO Getriebe Zahnrad Gehäuse Zapfwelle Pignon de Transmission Prise de Force Caja de Transmisión Toma de Fuerza	7-21	
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7E2	Clutch and Cover Kupplung und Deckel Embrayage et Couvercle Embrague y Cubierta	7-27	
7F1	Clutch Linkage 83-84 Kupplung Verbindung Timonerie de Embrayage Unión de Embrague	7-29	
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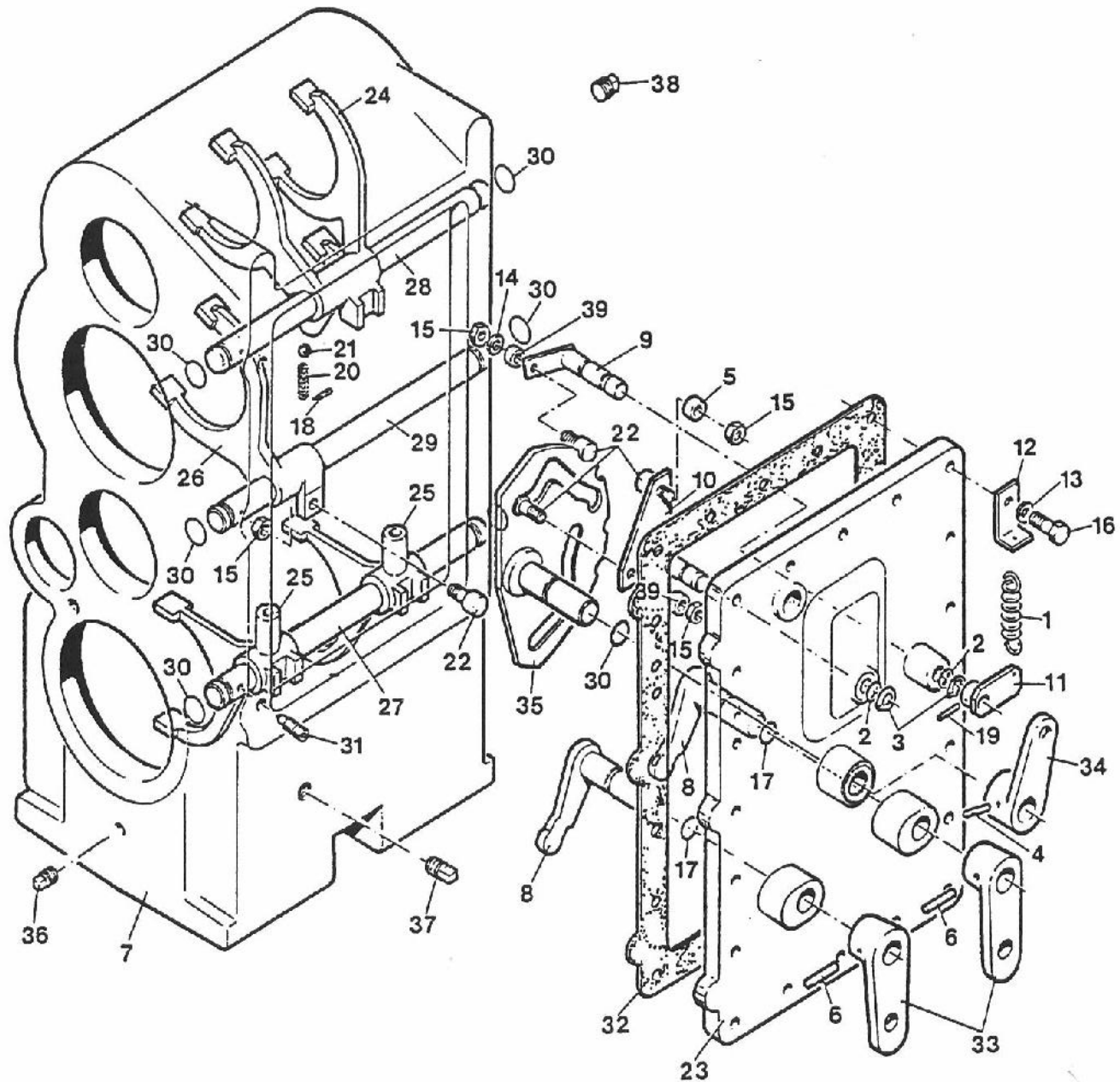
SECTION 7 - TRANSMISSION
SEKTION 7 - GETRIEBE
SECTION 7 - TRANSMISSION
SECCION 7 - TRANSMISIN

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
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7H1	Engine Gearbox/PTO Clutch Motor Zahnrad Gehäuse/Zapfwelle Kupplung Boite de Vitesses de Moteur/Embrayage de Prise de Force Caja de Cambios de Motor/Embrague de Toma de Fuerza	7-35,7-37	
7H2	Engine Gearbox Cover Assembly Kompl. Motor Zahnrad Gehäuse Deckel Ens. Couvercle de Boite de Vitesses de Moteur Ens. Cubierta de Caja de Cambios de Motor	7-39,7-41	
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7K1	PTO Control Zapfwellen-Schalthebel Commandes Prise de Force Control de Toma de Fuerza	7-47	
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7M3	Hydraulic PTO Clutch 78-79 Hydraulische Antriebswellenkupplung Embrayage de Prise de Force Hydraulique Embrague de la Toma de Fuerza Hidráulico	7-55	
7N1	Clutch Cover Plate - PTO Kupplung Deckelplatte - Zapfwelle Plaque de Couvercle de Embrayage - Prise de Force Placa de Cubierta de Embrague - Toma de Fuerza	7-57	
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Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
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7R2	Transmission to Front Axle Driveline Getriebe zu Vorderachse Antrieblinie Transmission A Ligne de Entraînement de Essieu Avant Transmisión A Linea de Propulsión de Eje Delantero		
7R3	Transmission to Steady Bearing Driveline Getriebe zu Stelig-Lager Antrieblinie Transmission A Ligne de Entraînement de Palier Stabilisateur Transmisión A Linea de Propulsión de Cojinete Estable	7-67	
7R4	Steady Bearing to Rear Axle Driveline Stelig-Lager zu Hinterachse Antrieblinie Palier Stabilisateur A Ligne de Entraînement de Pont Arrière Cojinete Estable A Linea de Propulsión de Eje Trasero	7-69	
7R5	Engine to Transmission Driveline w/PTO Motor zu Getriebe Antrieblinie mit Zapfwelle Moteur A Ligne de Entraînement de Transmission avec Prise de Force Motor A Linea de Propulsión de Transmisión con Toma de Fuerza	7-71	
7R6	Transmission to Steady Bearing Driveline w/PTO Getriebe zu Stelig-Lager Antrieblinie mit Zapfwelle Transmission A Ligne de Entraînement de Palier Stabilisateur avec Prise de Force Transmisión A Linea de Propulsión de Cojinete Estable con Toma de Fuerza	7-73	
7R7	Steady Bearing w/PTO Stelig-Lager mit Zapfwelle Palier Stabilisateur avec Prise de Force Cojinete Estable con Toma de Fuerza	7-75	
7R8	Steady Bearing to PTO Dropbox Driveline Stelig-Lager zu Zapfwelle Senken-Gehäuse Antrieblinie Palier Stabilisateur A Ligne de Entraînement de Caisson Descende de Prise de Force Cojinete Estable A Linea de Propulsión de Caja Gota de Toma de Fuerza	7-77	
7R9	Engine to Transmission PTO Gearbox Driveline Motor zu Getriebe Zapfwelle Zahnrad - Gehäuse Antrieblinie Moteur A Ligne de Entraînement de Boîte de Vitesses de Transmission Prise de Force Motor A Linea de Propulsión de Caja de Cambios de Transmisión Toma de Fuerza	7-79	

835 TRACTOR**FIGURE 7A1 - TRANSMISSION CASE, COVER AND SHIFTING FORKS**

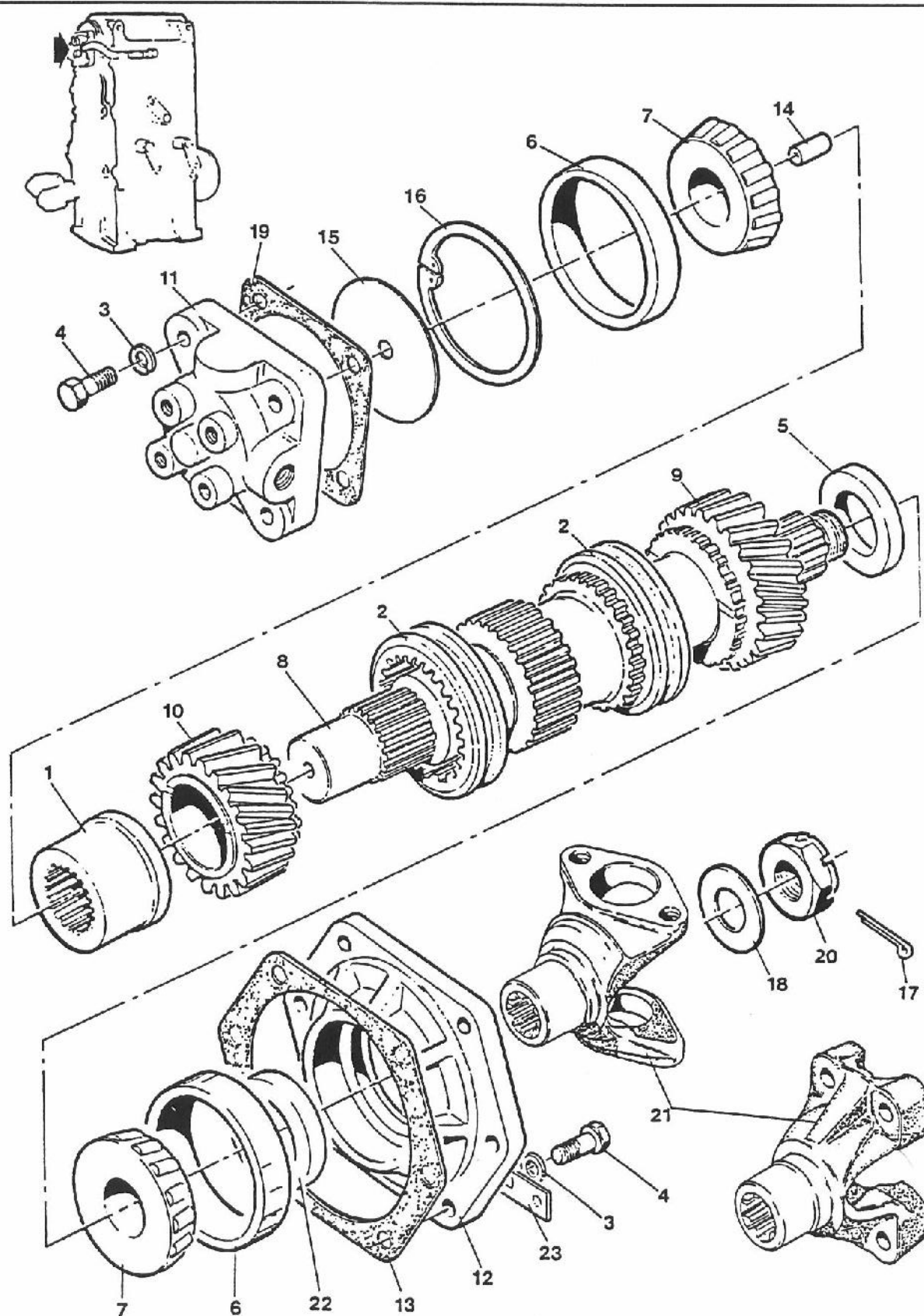
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FIGURE 7A1 - TRANSMISSION CASE, COVER AND SHIFTING FORKS
 GETRIEBE-GEHÄUSE - DECKEL UND GABELSCHALTHEBEL
 CARTER DE TRANSMISSION - COUVERCLE ET FOURCHETTE DE CHANGEME
 CAJA DE TRANSMISIÓN - CUBIERTA Y HORQUILLA DE CAMBIOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V47675		78-84/	1	Transmission Assembly - Replaces TRA-26420
2		V115	1860545	78-84/	1	Spring - Replaces SW-115
3		V2707	1860557	78-84/	2	O-Ring - Replaces SW-2707
4		V2708	3975857	78-84/	2	Ring - Retaining - Replaces SW-2708
5		V19948	1860552	78-84/	1	Spirol - Heavy Duty 5/16" x 1-3/4"
6		V15547	1860564	78-84/	1	Spacer
7		V12845	1860548	78-84/	2	Pin - Roll 3/8" x 1-3/4"
		V8577		78-84/	1	Case - Transmission - Replaces TR-8577
8		V19996	1860550	78-84/	2	Arm - Gear Shift - Replaces TRA-19996
9		V9044	1860565	78-84/	1	Arm - Cam Detent - Replaces TRA-9044
10		V9057	1860562	78-84/	1	Bellcrank - Replaces TRA-9057
11		V9060	1860555	78-84/	1	Arm - Cam Detent Spring Mounting - Replaces TRA-9060
12		V9061	1860544	78-84/	1	Bracket - Spring Mounting Cam - Replaces TR-9061
13		V12007	3975906	78-84/	20	Washer - Lock 1/2"
14		V12011	3975908	78-84/	1	Washer - Lock 3/8"
15		V60777	1860560	81-84/	4	Nut - Lock 3/8" - 24 UNF
		V12608	1860406	78-80/	4	Nut - Lock 3/8" 24 UNF
16		V12008	1859824	78-84/	20	Bolt - Hex Head 1/2" x 1-1/2" 13 NC
17		V915T107	1860551	78-84/	2	O-Ring - Replaces 21223
18		V12279	1860567	78-84/	4	Pin - Cotter 5/32" x 1-1/2"
19		V12303	3975936	78-84/	2	Pin - Roll 1/8" x 1"
20		V800T070	1860787	78-84/	4	Spring
21		V800T069	1860788	78-84/	4	Ball - 3/8" Dia
22		V13025	3975962	78-84/	4	Follower - Cam
23		V20191	1860546	78-84/	1	Cover - Transmission - Replaces TR-20191
24		V19905	1860570	78-84/	1	Fork - Hi-Lo Shift - Replaces TR-19905
25		V13153	1860569	78-84/	2	Fork - Gear Shift - Replaces TR-13153
26		V13154	1860574	78-84/	1	Fork - Range Shift - Replaces TR-13154
27		V22889	1860571	78-84/	1	Rail - Shift Bottom - Replaces TR-22889
28		V22887	1860568	78-84/	1	Rail - Shift Top - Replaces TR-22887
29		V22888	1860573	78-84/	1	Rail - Shift Center - Replaces TR-22888
30		V290905V1		78-84/	7	O-Ring
31		V22882	1860572	78-84/	3	Screw - Set Full Dog Point 1/2"
32		V13305	1860547	78-84/	1	Gasket - Transmission Cover - Replaces TR-13305
33		V19997		78-84/	2	Arm - Gearshift - Replaces TR-19997
34		V19998		78-84/	1	Arm - Range Shift - Replaces TR-19998
35		V19995	1860558	78-84/	1	Plate - Cam Gear Shift - Replaces TRA-19995
36		V613T145		78-84/	1	Plug - 3/4" NPT
37		V18336	3975996	78-84/	1	Plug - 1" NPT
38		V702T153	1860543	78-84/	1	Plug - 1-1/4" NPT
39		V56709	1860561	80-84/	2	Spacer
		V15547	1860564	78-79/	1	Spacer

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FIGURE 7A2 - INPUT SHAFT



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FIGURE 7A2 - INPUT SHAFT
EINGANGSWELLE
ARBRE - ENTRÉE
EJE - IMPULSOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V19560		78-84/	1	Spacer - Plain Input Shaft
2		V8902	1860583	78-84/	2	Collar - Shift 26T
3		V12007	3975906	78-84/	10	Washer - Lock Helical Spring 1/2" ID
4		V12008	1859824	78-84/	10	Screw - Cap Hex 1/2" - 13 UNC x 1-1/2"
5		V13297	1860581	78-84/	1	Spacer - Input Shaft
6		V13310		78-84/	2	Cup - Bearing
7		V13311		78-84/	2	Cone - Bearing
8		V19558		78-84/	1	Shaft - Input
9		V20212	1860582	78-84/	1	Gear - Pinion Helical L.H. 32T - 6P - 15°
10		V15190	1860585	78-84/	1	Gear - Pinion Helical L.H. 29T - 6P - 15°
11		V14611		78-84/	1	Cap - Bearing Rear Input Shaft
12		V14612		78-84/	1	Cap - Bearing Front Input Shaft
13		V14785	1860596	78-84/	1	Gasket - 6-5/8" Bore
14		V14963	1860587	78-84/	1	Tube - Lube Shaft
15		V14964		78-84/	1	Washer - Flat 3/8" ID x 7/16" OD x 10 GA
16		V14965		78-84/	1	Ring - Retaining
17		V17442		78-84/	1	Pin - Cotter 5/32" Dia x 2"
18		V800T034	1860311	78-84/	1	Washer - Flat 2-1/4" OD x 1-5/16" ID x 1/8"
19		V805T062		78-84/	AR	Shim - 4-3/8" Bore .003 Green
		V805T063		78-84/	AR	Shim - 4-3/8" Bore .005 Blue
		V805T064		78-84/	AR	Shim - 4-3/8" Bore .010 Brown
		V805T065		78-84/	AR	Shim - 4-3/8" Bore .020 Yellow
20		V805T079		78-84/	1	Nut - Shaft - Replaces 603T117
21		V49510		78-84/	1	Yoke - End Splined 1-3/4" - 10
22		V915T103	1860578	78-84/	1	Seal - Oil 2-3/8" Dia
23		V30252	1860576	78-84/	1	Bracket - Hose Clamp

AR - As Required

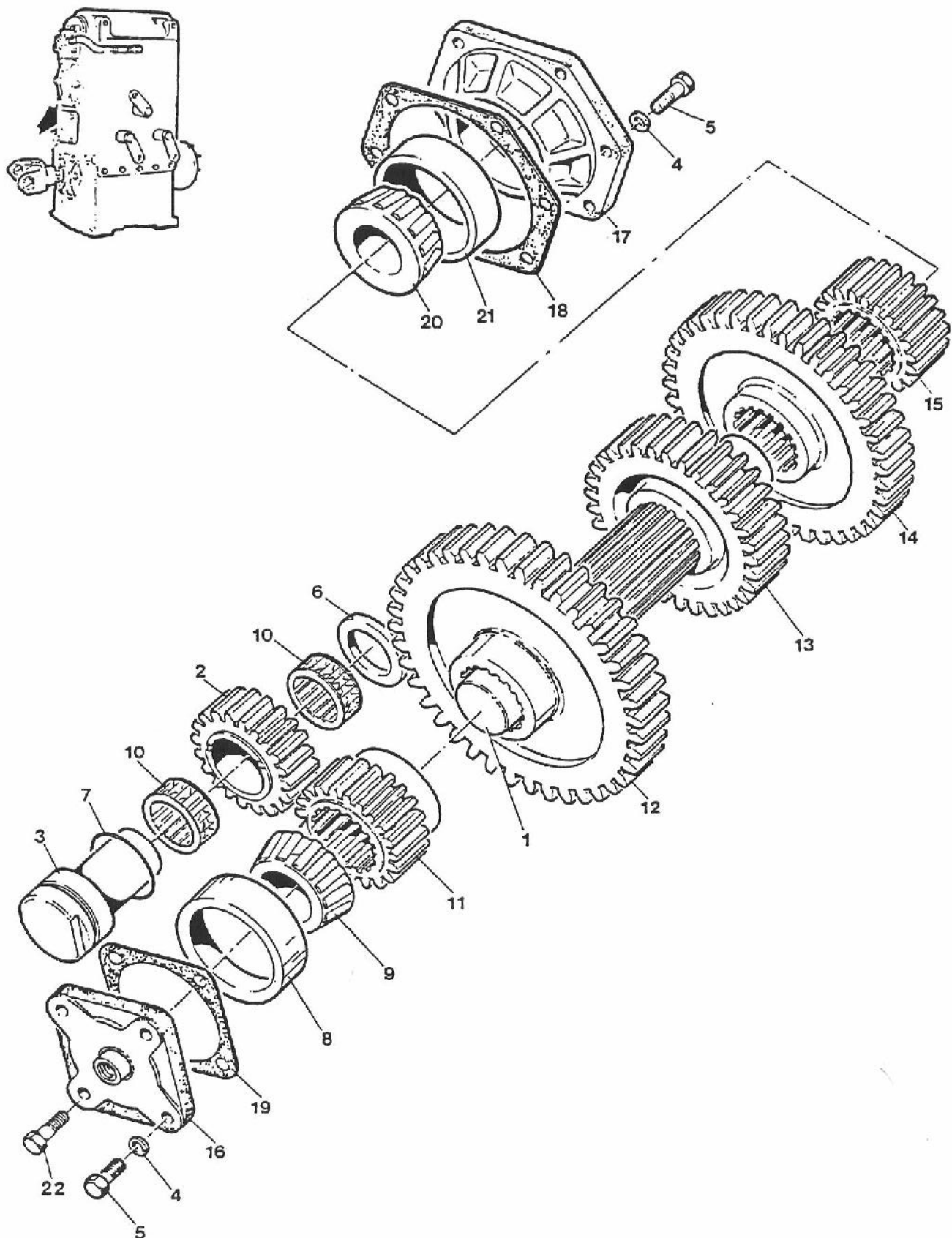
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FIGURE 7A3 - TOP COUNTERSHAFT
 OBERSEITE VORGELEGEWELLE
 ARBRE SECONDAIRE DESSUS
 CONTRAEJE PARTE SUPERIOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V19565	1860600	78-84/	1	Gear - Helical R.H.
2		V20213	1860607	78-84/	1	Gear - Helical R.H.
3		V24631	1860640	78-84/	1	Collar - Shift 22T
4		V12007	3975906	78-84/	6	Washer - Lock Helical Spring 1/2" ID
5		V12008	1859824	78-84/	6	Screw - Cap Hex 1/2" - 13 UNC x 1-1/2"
6		V15780	1860606	78-84/	1	Adaptor - Pump Drive
7		V14785	1860596	78-84/	1	Gasket - 6-5/8" Bore
8		V12933	1860599	78-84/	2	Ring - Retaining
9		V13248	1860601	78-84/	2	Washer - Splined Spacer 16T
10		V13300	1860639	78-84/	3	Ring - Retaining
11		V13313	1860597	78-84/	2	Cup - Bearing
12		V13314	1860598	78-84/	2	Cone - Bearing
13		V24821	1860603	78-84/	1	Gear - Pinion Helical R.H. 23T - 5P - 15°
14		V24632	1860638	78-84/	1	Gear - Shift Collar 22T
15		V24822		78-84/	1	Gear - Pinion Helical R.H. 27T - 5P - 15°
16		V19559	1860602	78-84/	1	Countershaft - Upper
17		V14613	1860595	78-84/	1	Cap - Bearing Countershaft

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FIGURE 7A4 - REVERSE IDLER AND BOTTOM COUNTERSHAFT



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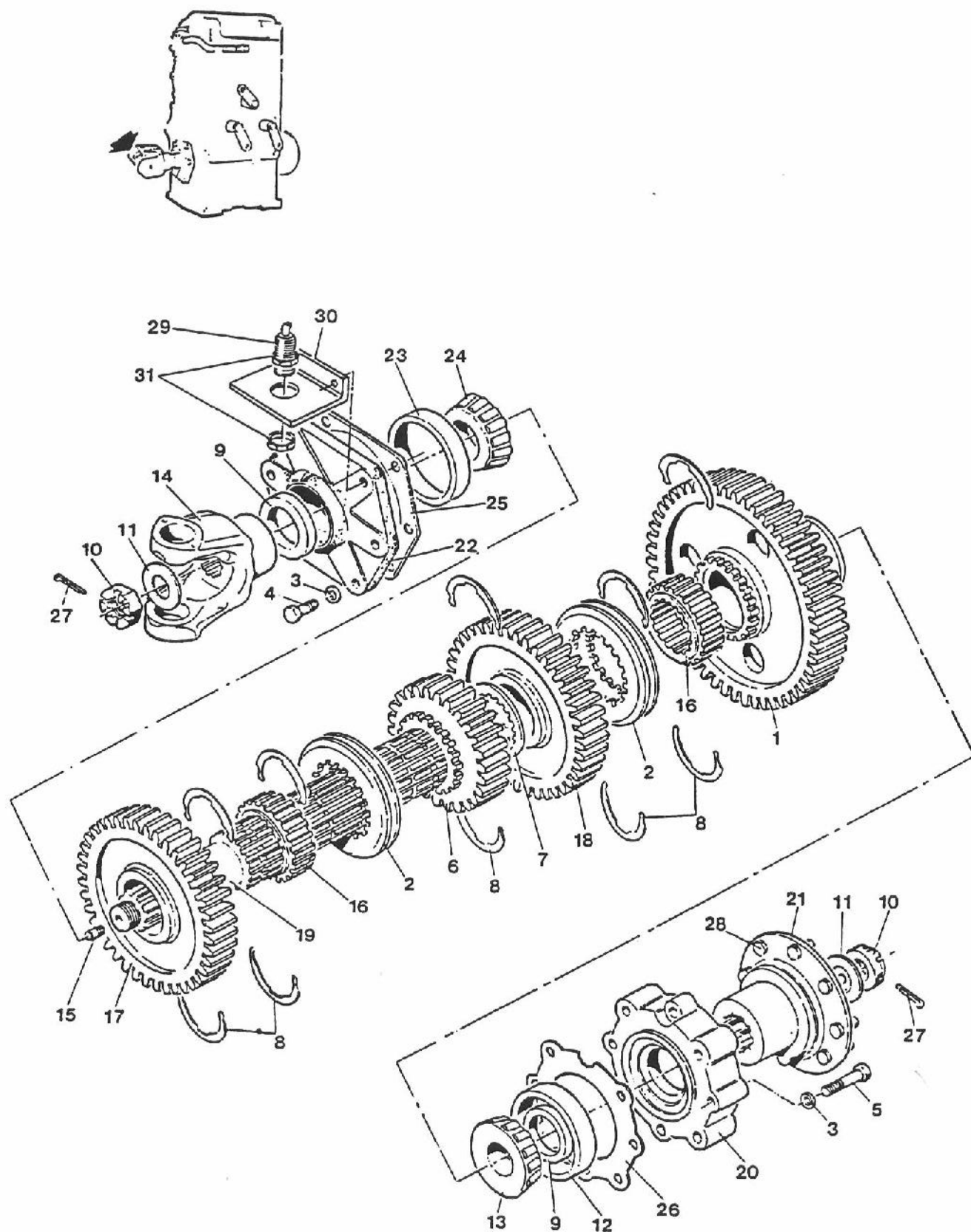
FIGURE 7A4 - REVERSE IDLER AND BOTTOM COUNTERSHAFT
 RUCKWARTSLEITRAD UND BODENVORGELEGEWELLE
 PIGNON A VIDE DE MARCHE ARRIERE ET FOND DE ARBRE SECONDAIRE
 RUEDA EN VACIO DE RETROCESO Y FONDO DE CONTRAEJE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V19662	1860619	78-84/	1	Countershaft - Plain Lower
2		V8850	1860630	78-84/	1	Gear - Reverse Idler Spur 22T
3		V8953	1860627	78-84/	1	Pin - Reverse Idler
4		V12007	3975906	78-84/	10	Washer - Lock Helical Spring 1/2" ID
5		V12008	1859824	78-84/	10	Screw - Cap Hex 1/2" - 13 UNC x 1-1/2"
6		V13299	1860621	78-84/	1	Spacer - Reverse Idler
7		V13301	1860628	78-84/	1	O-Ring
8		V13313	1860597	78-84/	1	Cup - Bearing
9		V13314	1860598	78-84/	1	Cone - Bearing
10		V13315	1860629	78-84/	2	Bearing - Needle
11		V13964	1860620	78-84/	1	Gear - Pinion Spur 22T - 5P
12		V15167	1860618	78-84/	1	Gear - Helical L.H. 41T - 5P - 15°
13		V88405	1860617	78-84/	1	Gear - Pinion Helical L.H. 30T - 5P - 15° - Replaces 15168
14		V15169		78-84/	1	Gear - Helical L.H. 21T - 5P - 15°
15		V19661		78-84/	1	Gear - Pinion Helical L.H. 21T - 5P - 15°
16		V14580	1860622	78-84/	1	Cap - Bearing Rear Lower Countershaft
17		V19663	1860608	78-84/	1	Cap - Bearing Lower Countershaft
18		V15728	1860609	78-84/	AR	Shim - 6-5/8" Bore .003 Green
		V15729	1860610	78-84/	AR	Shim - 6-5/8" Bore .005 Blue
		V15730	1860611	78-84/	AR	Shim - 6-5/8" Bore .010 Brown
		V15731	1860612	78-84/	AR	Shim - 6-5/8" Bore .020 Yellow
19		V805T064	1860625	78-84/	1	Shim - 4-3/8" Bore .010 Brown
20		V17867	1860614	78-84/	1	Cone - Bearing
21		V17868	1860613	78-84/	1	Cup - Bearing
22		V12081		78-84/	1	Screw - Cap Hex 1/2" - 13 UNC x 1-3/4"

AR - As Required

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FIGURE 7A5 - OUTPUT SHAFT

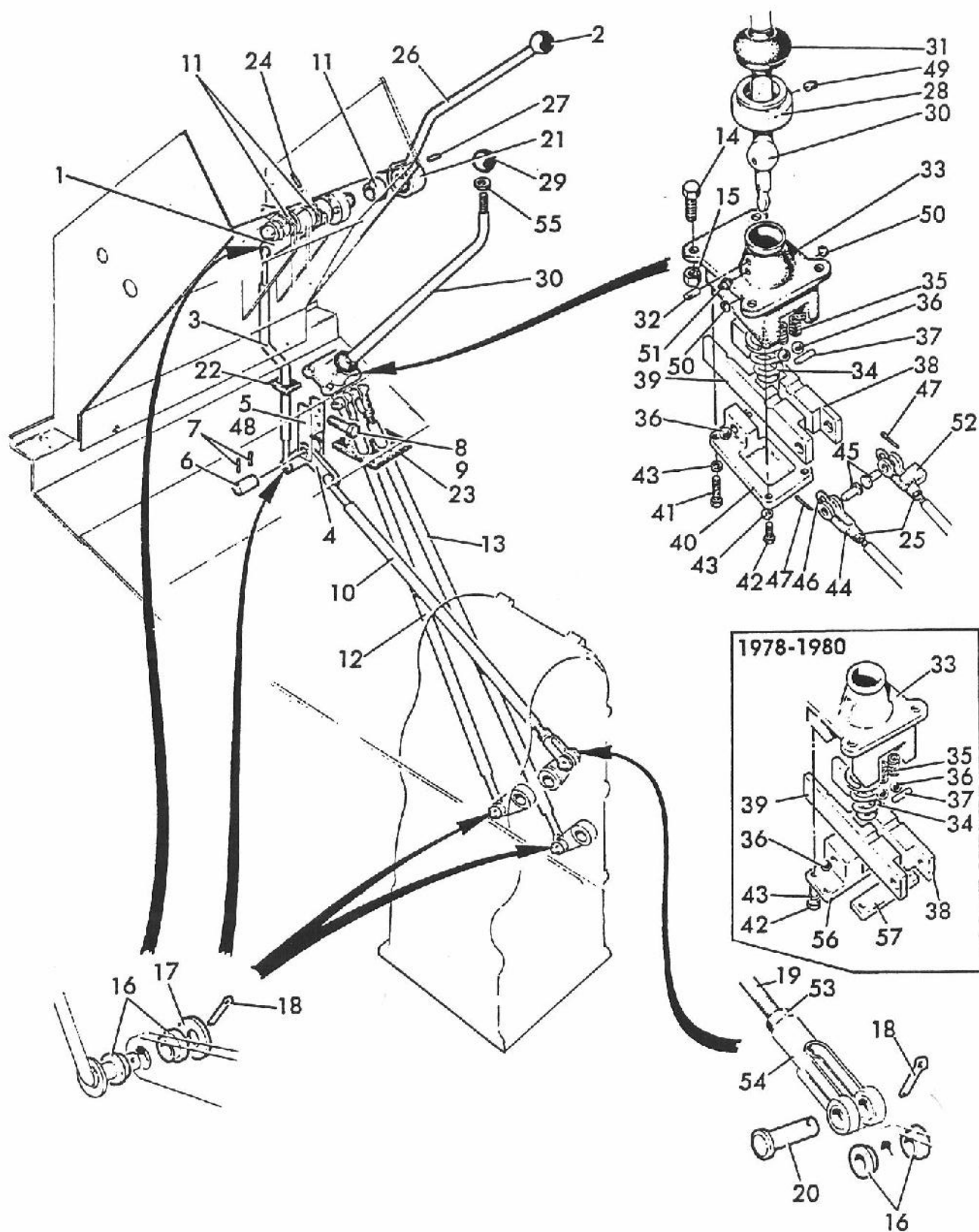


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FIGURE 7A5 - OUTPUT SHAFT
AUSGANGSCHAFT
ARBRE DE SORTIE
EJE DE SALIDA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V88429	1860637	78-84/	1	Gear - Helical R.H. 47T - 5P - Replaces 24630
2		V24631	1860640	78-84/	2	Collar - Shift 22T
3		V12007	3975906	78-84/	14	Washer - Lock Helical Spring 1/2" ID
4		V12008	1859824	78-84/	6	Screw - Cap Hex 1/2" - 13 UNC x 1-1/2"
5		V12006	1860631	81-84/	8	Screw - Cap Hex 1/2" - 13 UNC x 3-1/2"
		V14202		78-80/	8	Screw - Cap Hex 1/2" - 13 UNC x 3-1/4"
6		V24847	1860643	78-84/	1	Gear - Pinion Helical R.H. 26T
7		V13248		78-84/	1	Spacer - Splined Washer
8		V13300	1860639	78-84/	5	Ring - Retaining
9		V13302	1860635	78-84/	2	Seal - Oil 2-1/4" Dia
10		V33612		78-84/	2	Nut - Shaft 1-1/4" - 18 USF - Replaces 13308
11		V13309	1860323	78-84/	2	Washer - Plain 1-5/16" ID x 2-3/4" OD x 1/8"
12		V17870	1860634	78-84/	1	Cup - Bearing
13		V17869	1860636	78-84/	1	Cone - Bearing
14		V13317		78-84/	1	Yoke - End Splined 2 - 10
15		V13715	1860792	78-84/	1	Plug - Hex 1/4" NPT
16		V24632	1860638	78-84/	2	Gear - Shift Collar 22T
17		V24823	1860647	78-84/	1	Gear - Spur 38T - 5P
18		V88428	1860641	78-84/	1	Gear - R.H. Helical 37T - 5P - Replaces 24629
19		V19569		78-84/	1	Shaft - Output
20		V18552		78-84/	1	Cap - Bearing Brake Mounting
21		V15184		78-84/	1	Flange - Companion Splined 2 - 10
22		V15474		78-84/	1	Cap - Rear Output Bearing
23		V15716		78-84/	1	Cup - Bearing
24		V17866		78-84/	1	Cone - Bearing
25		V15728	1860609	78-84/	AR	Shim - 6-5/8" Bore .003 Green
		V15729		78-84/	AR	Shim - 6-5/8" Bore .005 Blue
		V15730	1860611	78-84/	AR	Shim - 6-5/8" Bore .010 Brown
		V15731	1860612	78-84/	AR	Shim - 6-5/8" Bore .020 Yellow
26		V15733	1860633	78-84/	1	Gasket
27		V17442		78-84/	2	Pin - Cotter 5/32" Dia x 2"
28		V36277		78-84/	8	Bolt - Companion Flange
29		V57936		81-84/	1	Sensor - Speedometer
30		V57937		81-84/	1	Bracket - Sensor
31		V57935		81-84/	2	Nut - Hex 7/16" - 14 UNC x 3/16"

AR - As Required

835 TRACTOR**FIGURE 7B1 - TRANSMISSION LINKAGE**

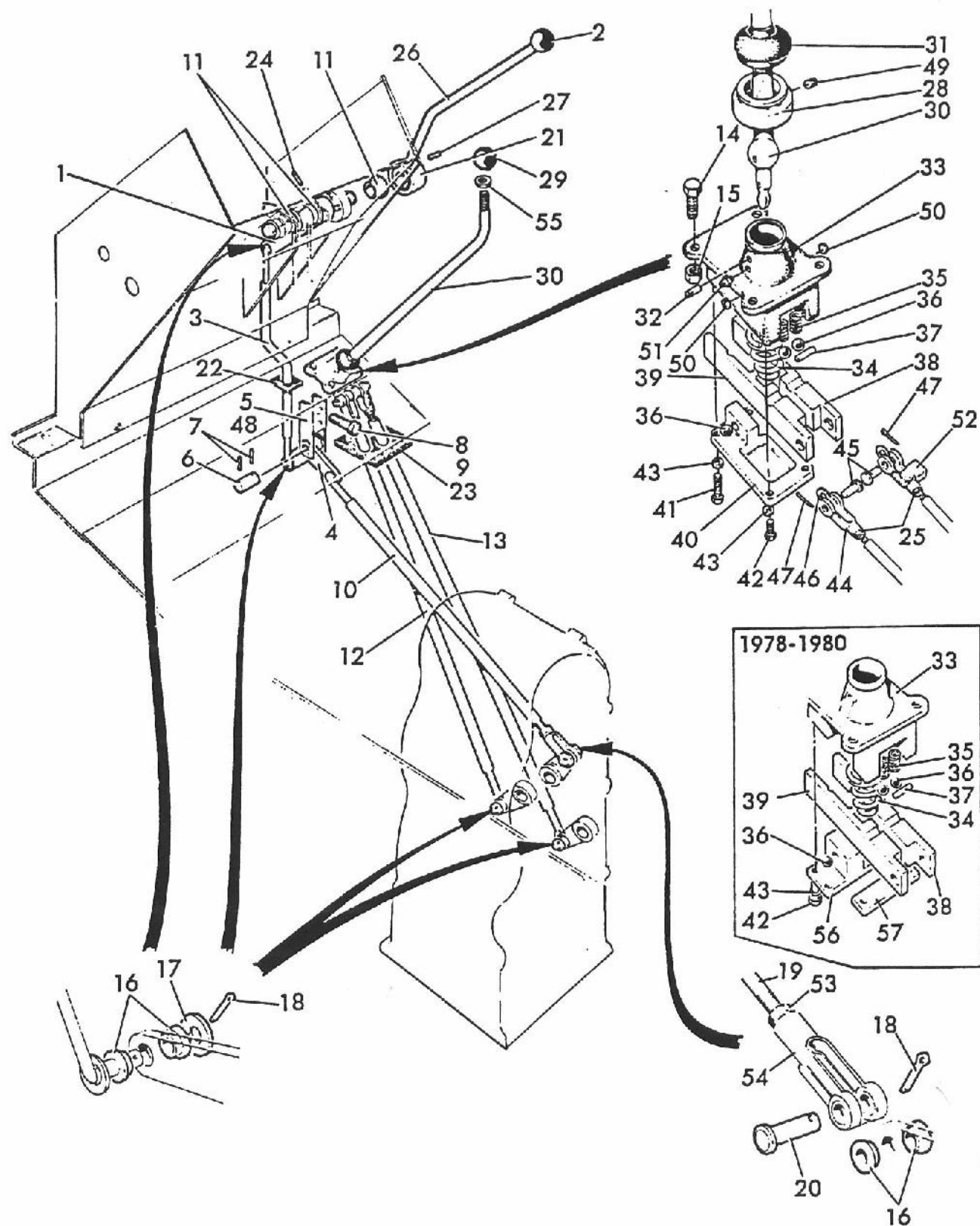
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FIGURE 7B1 - TRANSMISSION LINKAGE
GETRIEBE VERBINDUNG
TIMONERIE TRANSMISSION
UNIÓN TRANSMISIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V29863		78-84/	1	Lever - Range Shift
2		V361233V1		78-84/	1	Knob
3		V29862		78-84/	1	Rod - Linkage
4		V14796		78-84/	1	Bell Crank
5		V31655		78-84/	1	Channel - Pivot
6		V14795		78-84/	1	Pin - Bellcrank
7		V14878	1861606	78-84/	2	Pin - Spiral 1/4" Dia x 1-5/8"
8		V30335	1860094	78-84/	2	Screw - Flange Hex 1/2" - 13 UNC x 1-1/2" - Replaces 30335P
9		V30334	1860105	78-84/	2	Nut - Lock Hex 1/2" - 13 UNC - Replaces 30334P
10		V8935		78-84/	1	Linkage - Range Selector Includes: 49-51
11		V19973		78-84/	3	Bearing - Flanged
12		V8942		78-84/	1	Linkage - Gear Selector 1st & 2nd
13		V8944		78-84/	1	Linkage - Gear Selector 3rd & Reverse
14		V29894		78-84/	4	Screw - Flange Hex 3/8" - 16 UNC x 1" - Replaces 29894P
15		V29803	3975610	78-84/	4	Nut - Lock Hex 3/8" - 16 UNC - Replaces 29803P
16		V14841	1859723	78-84/	12	Bushing
17		V17502		78-84/	5	Washer - Plain 17/32" ID x 1" OD x 1/16"
18		V12102	1860522	78-84/	6	Pin - Cotter 1/8" Dia x 1"
19		V9041		78-84/	1	Rod - Linkage
20		V17599		78-84/	1	Pin - Special
21		V29858		78-84/	1	Head - Shifter
22		V17505		78-84/	1	Insulation - Range Shift Rod
23		V17501		78-84/	1	Insulation - Gearshift Rod
24		V30344		78-84/	1	Pin - Grooved 5/16" Dia
25		V84264		78-84/	2	Nut - Jam 3/8" - 24 UNF - Replaces 13071
26		V29855		78-84/	1	Lever - Range Shift
27		V12835		78-84/	1	Pin - Roll 3/16" x 1-1/2"
		V57365		78-84/	1	Lever Assembly - Gearshift - Replaces 30354 Includes: 28-47 & 49-52
28		V56936	1860540	81-84/	1	Plate - Top Gearshift
29		V30463		78-84/	1	Knob - Gearshift
30		V56939		81-84/	1	Lever
		V30108		78-80/	1	Lever
31		V14772	1860753	78-84/	1	Boot - Rubber
32		V14784	1860533	78-84/	1	Pin - Roll Spiral 1/4" Dia x 5/8"
33		V56938		81-84/	1	Base - Gearshift
		V14770		78-80/	1	Base - Gearshift
34		V57650	1860538	81-84/	1	Spring
		V14771		78-80/	1	Spring
35		V15198		78-84/	2	Spring
36		V800T069	1860788	78-84/	4	Ball - 3/8" Dia
37		V12810	1860537	78-84/	1	Pin - Roll 3/16" x 1-1/4"
38		V15325		78-84/	1	Rail - Shift R.H.
39		V14768		78-84/	1	Rail - Shift L.H.
40		V56937		81-84/	1	Plate - Rail
41		V12271	1860528	81-84/	2	Screw - Cap Hex 1/4" - 20 UNC x 1-1/4"
42		V14577	1860529	78-84/	2	Screw - Cap Hex 1/4" - 20 UNC x 7/8"

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FIGURE 7B1 - TRANSMISSION LINKAGE



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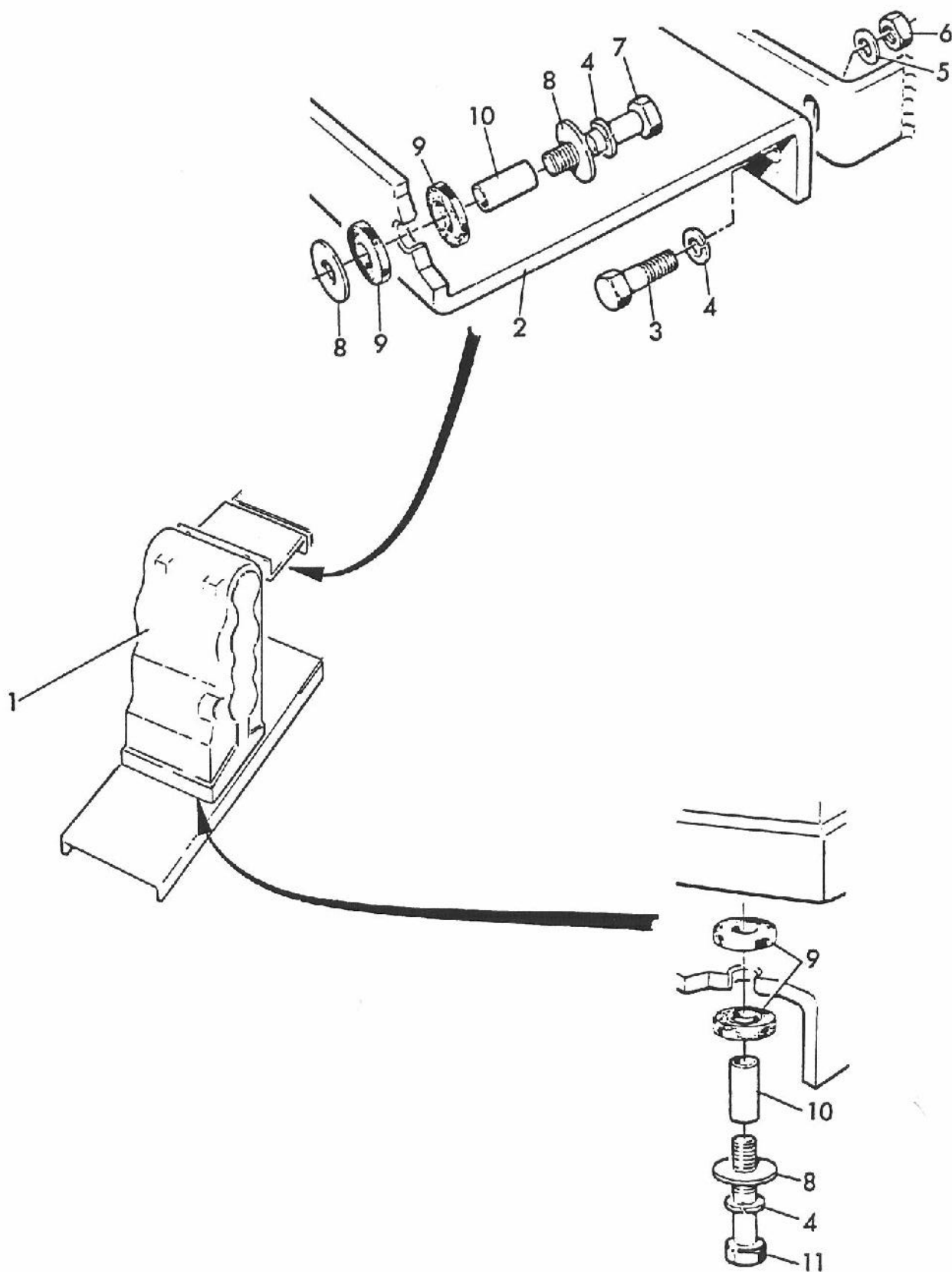
FIGURE 7B1 - TRANSMISSION LINKAGE
GETRIEBE VERBINDUNG
TIMONERIE TRANSMISSION
UNIÓN TRANSMISIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
43		V12004	3975905	78-84/	4	Washer - Lock Helical Spring 1/4" ID
44		V1203	1860480	78-84/	1	Yoke - 3/8" x 24 UNC
45		V17592	1860521	78-84/	2	Rivet - 3/8" Special
46		V15290	1860730	78-84/	2	Washer - Spring 3/8" Dia
47		V12102	1860522	78-84/	2	Pin - Cotter 1/8" Dia x 1"
48		V31231		78-84/	2	Bushing
49		V50659	1860539	81-84/	3	Screw - Set Hex 1/4" - 20 UNC
50		V31393	1860525	81-84/	2	Plug - Expansion Concave 1/2"
51		V8005	3975896	81-84/	1	Fitting - Grease 1/8" NPT
52		V53114		78-84/	1	Yoke
53		V84307	1860519	84/	1	Nut - Jam Hex 1/2" - 20 UNF - Replaces 17657
		V17657		78-83/	1	Nut - Jam Hex 1/2" - 20 UNF
54		V20453	1860749	78-84/	1	Yoke - 1/2" - 20 UNF
55	(1)	V86450	1860524	83-84/	1	Nut - Jam Hex 5/8" - 18 UNF
56		V14769		78-80/	1	Plate - Rail Rear
57		V14774		78-80/	1	Plate - Rail Front

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FIGURE 7C1 - TRANSMISSION MOUNTING



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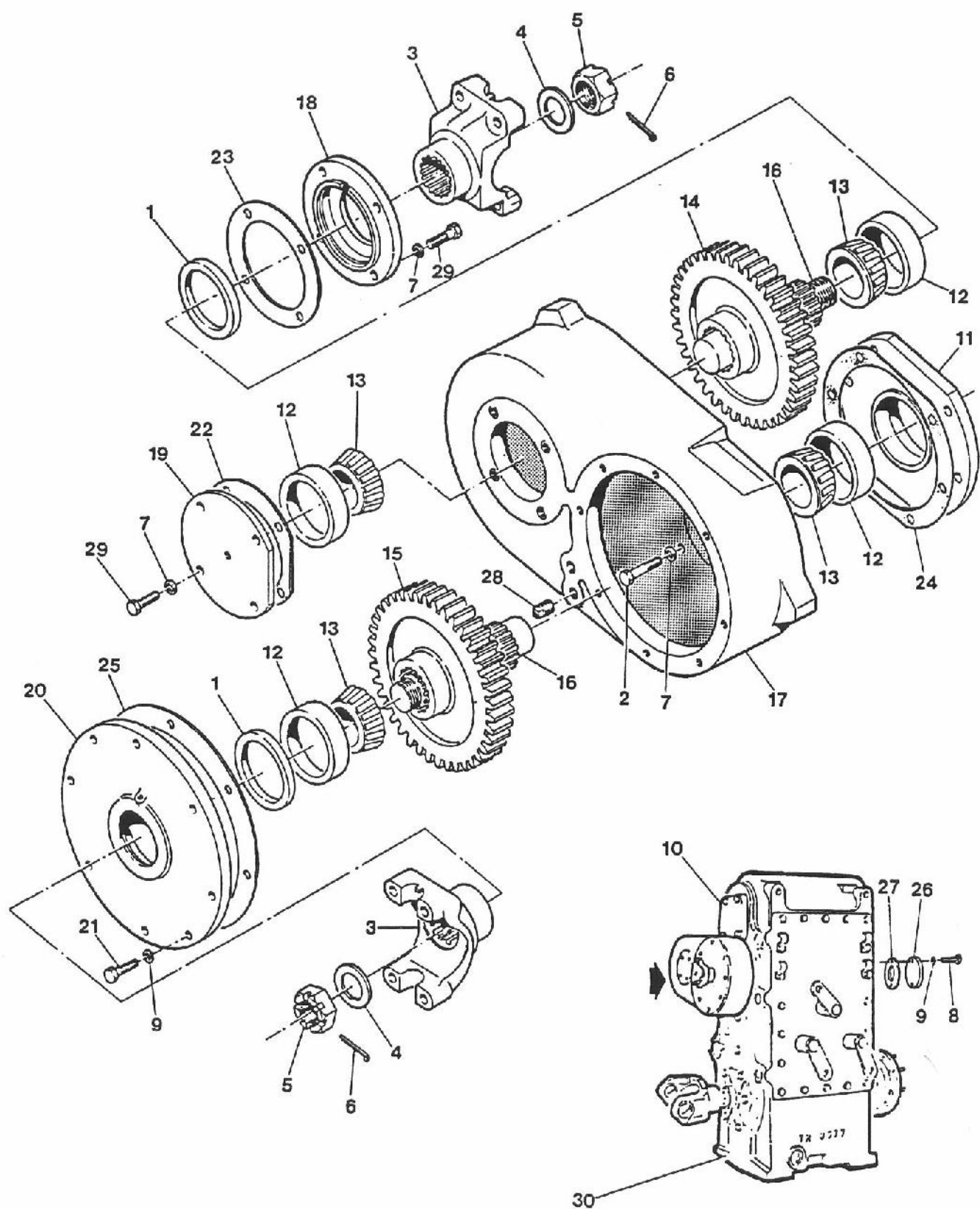
FIGURE 7C1 - TRANSMISSION MOUNTING
 GETRIEBE-MONTAGE
 MONTAGE DE TRANSMISSION
 MONTAJE DE TRANSMISIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V47675		78-84/	1	Transmission Assembly - Replaces 26420
2		V14781		78-84/	1	Bracket - Upper Mounting
3		V12073	1859972	78-84/	2	Screw - Cap Hex Grade 5 3/4" - 10 UNC x 2"
4		V12009	3975907	78-84/	8	Washer - Lock Helical Spring 3/4" ID
5		V12065	3975916	78-84/	2	Washer - Plain 13/16" x 1-15/32" OD x 10 GA
6		V12066		78-84/	2	Nut - Hex 3/4" - 10 UNC
7		V15528	1860473	78-84/	2	Screw - Cap Hex 3/4" - 10 UNC x 2-3/4"
8		V101T181		78-84/	8	Washer - Mounting Pad
9		V101T176	1860474	78-84/	12	Pad - Rubber Mounting
10		V100T179	1860475	78-84/	6	Spacer - 1-1/8"
11		V12263	3975934	78-84/	4	Screw - Cap Hex 3/4" - 10 UNC x 3"
		V91839		84/	AR	Kit - Shim Seal & Gasket Assembly

AR - As Required

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FIGURE 7D1 - TRANSMISSION GEARBOX PTO



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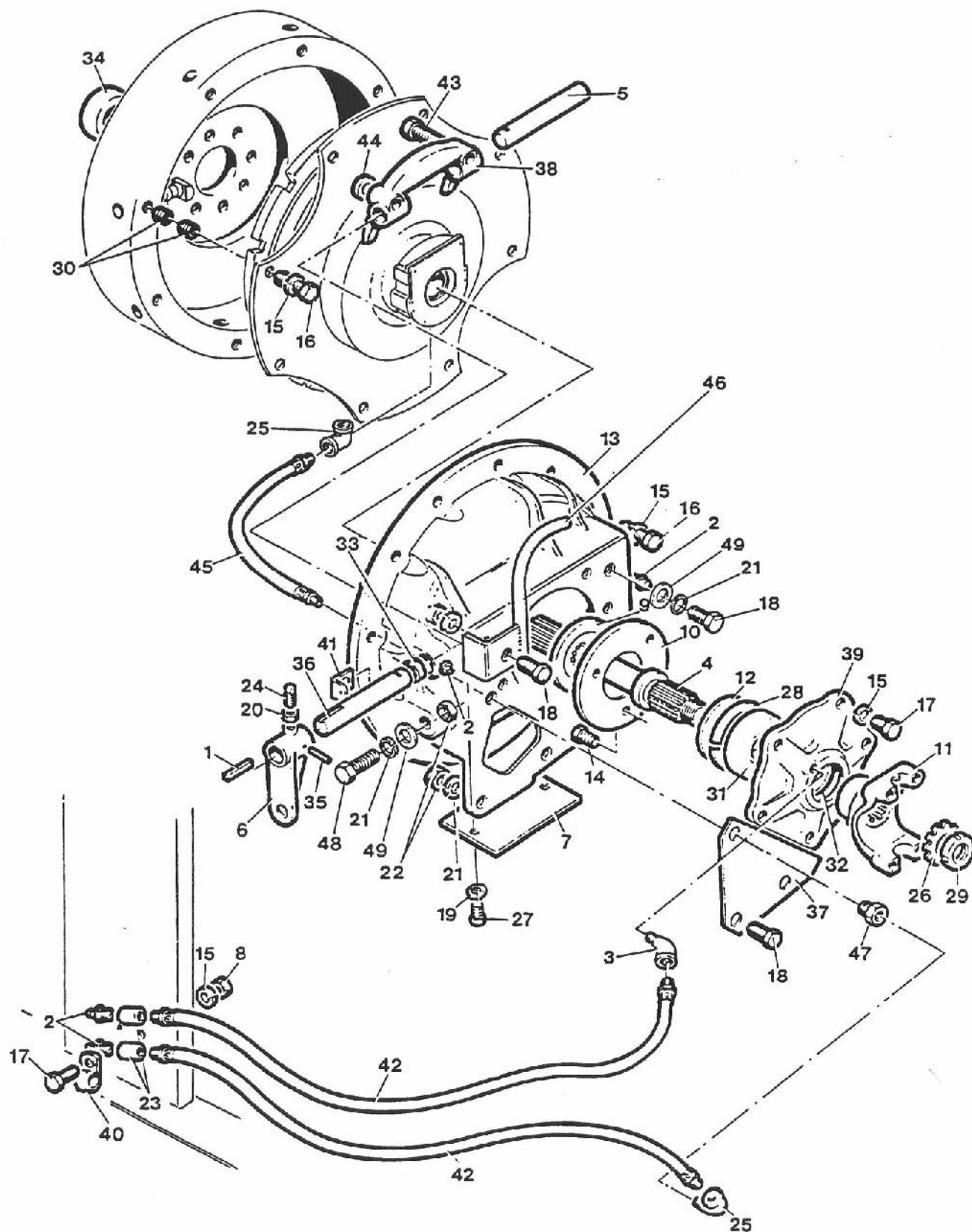
FIGURE 7D1 - TRANSMISSION GEARBOX PTO
 GETRIEBE-ZAHNRAD GEHÄUSE
 CAISSON PIGNON DE TRANSMISSION
 CAJA ENGRANAJE DE TRANSMISSION

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V915T103	1860578	78-84/	2	Seal - Oil
2		V12558	1860104	78-84/	6	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 2-1/2"
3		V49510		78-84/	2	Yoke - End 1550 Series 1-3/4" - 10 Spline
4		V800T034	1860311	78-84/	2	Washer - Plain 1-5/16" ID x 2-1/4" OD x 1/8"
5		V805T079		78-84/	2	Nut - Slotted 1-1/4" - 18 UNSF - Replaces 603T007
6		V17442		78-84/	2	Pin - Cotter 5/32" Dia x 2"
7		V12007	3975906	78-84/	14	Washer - Lock Helical Spring 1/2" ID
8		V12050	3975911	78-84/	2	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 1"
9		V12011	3975908	78-84/	10	Washer - Lock Helical Spring 3/8" ID
10		V48417		78-84/	1	Cap - Bearing Rear Input Shaft
11		V48300		78-84/	1	Cap - Bearing Rear Upper Countershaft
12		V48605	1860579	78-84/	4	Cup - Bearing
13		V48606	1860580	78-84/	4	Cone - Bearing
14		V47679		78-84/	1	Gear - 59T - 7P - 18° R.H. Helical
15		V47680		78-84/	1	Gear - 60T - 7P - 18° L.H. Helical
16		V47678		78-84/	2	Shaft - Transmission Gearbox
17		V48237		78-84/	1	Gearbox - Transmission PTO
18		V48418		78-84/	1	Cap - Bearing Input PTO
19		V48416		78-84/	1	Cap - Bearing Gearbox
20		V48377		78-84/	1	Cap - Bearing Output Gearbox
21		V12038	1861603	78-84/	8	Screw - Cap Hex Grade 5 - 3/8" - 16 UNC x 1-1/4"
22		V48631		78-84/	1	Gasket - Gearbox
23		V48632		78-84/	1	Shim - .020 Gearbox
		V48633		78-84/	1	Shim - .003 Gearbox
		V48634		78-84/	1	Shim - .005 Gearbox
		V48635		78-84/	1	Shim - .010 Gearbox
24		V48630		78-84/	1	Gasket
25		V48627		78-84/	1	Shim - .020 Gearbox
		V48628		78-84/	1	Shim - .003 Gearbox
		V48629		78-84/	1	Shim - .005 Gearbox
		V48626		78-84/	1	Shim - .010 Gearbox
26		V48782		78-84/	1	Cover - Bearing Cap
27		V15781	1860653	78-84/	1	Gasket - Pump
28		V6938	1860692	78-84/	1	Plug - Square Head 1/2"
29		V12008	1859824	78-84/	8	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 1-1/2"
30	(1)	V49181	1859824	83-84/	1	Transmission Assembly - w/PTO

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FIGURE 7E1 - CLUTCH HOUSING AND MOUNTING



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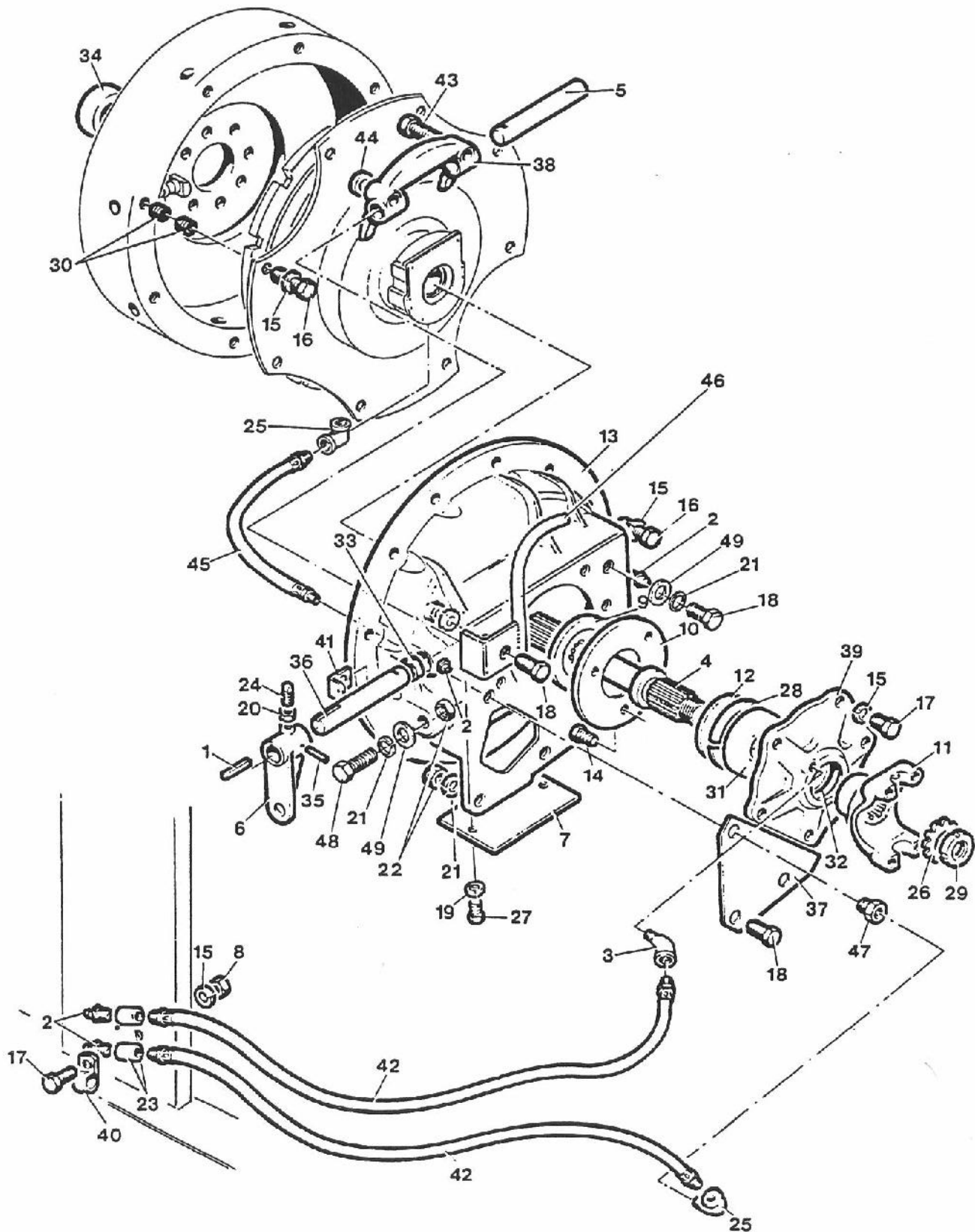
FIGURE 7E1 - CLUTCH HOUSING AND MOUNTING
KUPPLUNGS-GEHÄUSE UND MONTAGE
CARTE DE EMBRAYAGE ET MONTAGE
CAJA DE EMBRAGUE Y MONTAJE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V1674	1861618	78-84/	1	Key - 1/4" x 1/4" x 1-1/2"
2		V8005	3975896	78-84/	4	Fitting - Grease Straight 1/8" NPT
3		V35505	1861588	78-84/	1	Elbow - Street 1/8" NPTF x 45°
4		V18996		78-84/	1	Shaft - Splined Clutch Release
5		V8516	1861613	78-84/	1	Shaft - Extension Release
6		V8517		78-84/	1	Arm - Clutch Release
7		V8518	1861602	78-84/	1	Cover - Inspection
8		V12037	3975909	78-84/	2	Nut - Hex 3/8" - 16 UNC
9		V26202	1861600	78-84/	1	Brake - Clutch
10		V26201	1861595	78-84/	1	Plate - Clutch Brake Backing
11		V49510		78-84/	1	Yoke
12		V25709	1861596	78-84/	1	Slinger
13	(1)	V62256		78-84/	1	Housing - Clutch - Replaces 63219S1 & 63219 Includes: 38
	(1)	V63219S2		83-84/	1	Housing - Clutch Includes: 18, 21, 22, 48 & 49
14		V26203	1861594	78-84/	3	Bolt - Hex Self Locking 3/8" - 16 UNC x 3/4"
15		V12011	3975908	78-84/	27	Washer - Lock 3/8" ID
16		V12038	1861603	78-84/	20	Screw - Cap Hex 3/8" - 16 UNC x 1-1/4"
17		V12050	3975911	78-84/	6	Screw - Cap Hex 3/8" - 16 UNC x 1"
18		V12072	1860359	78-84/	3	Screw - Cap Hex 5/8" - 11 UNC x 1-1/4"
19		V12087	1861067	78-84/	2	Washer - Lock 5/16" ID
20		V12094	3975922	78-84/	1	Nut - Hex 5/16" - 18 UNC
21		V12110		78-84/	3	Washer - Lock Helical Spring 5/8" ID
22		V12112	1861590	78-84/	3	Nut - Hex 5/8" - 11 UNC
23		V12134	1860681	78-84/	2	Coupling - Steel 1/8" NPT - Replaces 600T174
24		V12264		78-84/	1	Screw - Set 5/16" - 18 UNC x 3/4"
25		V291117V1		78-84/	2	Elbow - 1/8" NPT 90° Street
26		V12553		78-84/	1	Washer - Lock Yoke Nut
27		V12579	1861601	78-84/	2	Screw - Cap Hex 5/16" - 18 UNC x 1/2"
28		V12635	1861597	78-84/	1	Ring - Retaining
29		V12637		78-84/	1	Nut - Lock Yoke
30		V12639		78-84/	12	Screw - Set Cup Point 3/8" x 3/8"
31		V26198	1861598	78-84/	1	Bearing
32		V13223	1861593	78-84/	1	Seal - Dust

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FIGURE 7E1 - CLUTCH HOUSING AND MOUNTING



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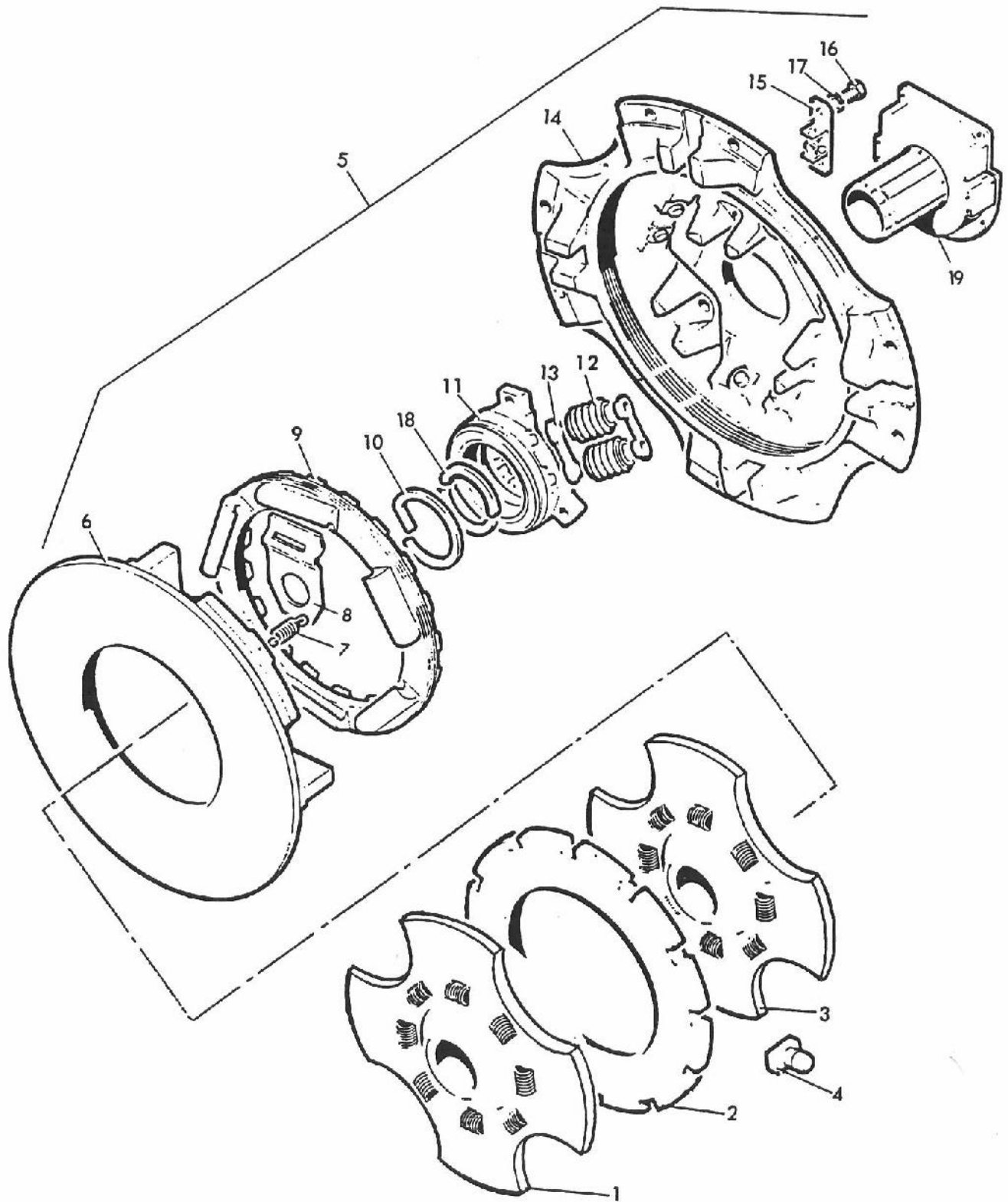
FIGURE 7E1 - CLUTCH HOUSING AND MOUNTING
KUPPLUNGS-GEHÄUSE UND MONTAGE
CARTE DE EMBRAYAGE ET MONTAGE
CAJA DE EMBRAGUE Y MONTAJE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
33		V25655	1861605	78-84/	2	Bushing - Bronze
34		V12636	1861617	78-84/	1	Bearing
35		V14878	1861606	78-84/	1	Pin - Roll 1/4" Dia x 1-5/8"
36		V14884	1861608	78-84/	1	Shaft - Clutch Actuating
37		V14887	1861591	78-84/	1	Cover - Clutch End
38		V14924	1861612	78-84/	1	Shifter - Clutch
39		V55781	1861592	78-84/	1	Cap - Clutch Bearing
40		V600T164	1861584	78-84/	2	Clip - Grease Hose
41		V15265		78-84/	1	Anchor - Mounting Bracket
42		V22554		78-84/	2	Hose - Flexible Grease
43		V16276	1861610	78-84/	2	Bolt - Self Locking 7/16" - 14 UNC x 1-1/4"
44		V16356	1861611	78-84/	1	Key - Ring
45		V50379	1861614	81-84/	1	Hose - Grease
		V600T162	1862119	78-80/	1	Hose - Grease
46		V30957		78-84/	1	Bracket - Hose
47		V12641	1861589	78-84/	1	Adaptor - Bulkhead
48	(1)	V12360		83-84/	2	Screw - Cap Hex 5/8" - 16 UNC x 2-3/4"
		V12366		78-80/	2	Bolt - Hex Head 5/8" - 11 UNC x 2-3/4"
49	(1)	V13706		78-84/	4	Washer - Plain 11/16" ID x 1-3/4" OD x 7 GA

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FIGURE 7E2 - CLUTCH AND COVER



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FIGURE 7E2 - CLUTCH AND COVER
KUPPLUNG UND DECKEL
EMBRAYAGE ET COUVERCLE
EMBRAGUE Y CUBIERTA

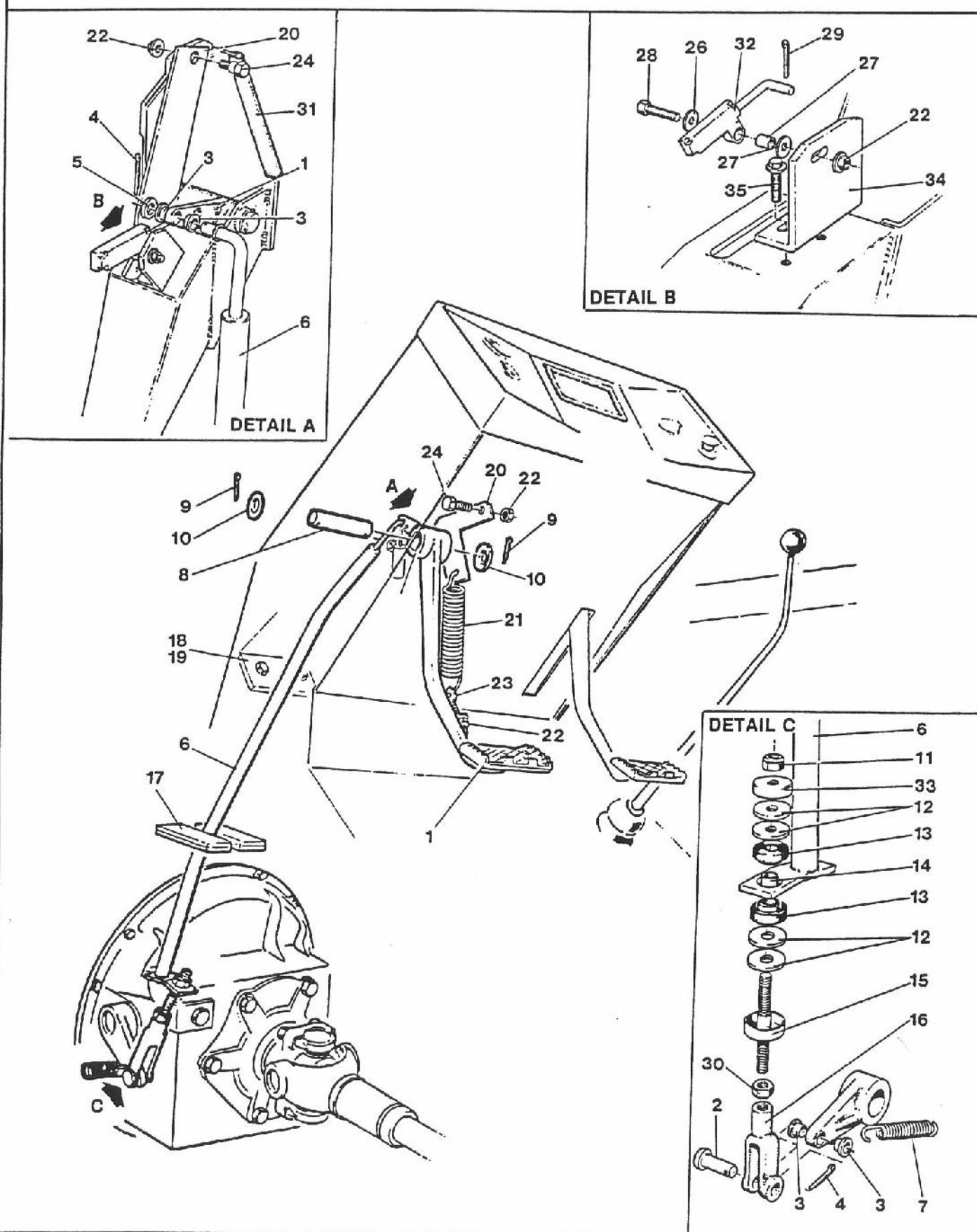
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V18046		78-84/	1	Disc - Complete Front Driven
2		V16202		78-84/	1	Plate - Intermediate
3		V18047		78-84/	1	Disc - Complete Rear Driven
4		V16204		78-84/	6	Pin - Drive
5		V56085		80-84/	1	Cover Assembly - w/2800# Springs Includes: 6-19
		V51387		78-79/	1	Cover Assembly - w/2800# Springs Includes: 6-19
6		V16206		78-84/	1	Plate - Pressure
7		V16207	1861643	78-84/	4	Spring - Return
8	NS	V53353		78-84/	6	Lever
9		V108924		78-84/	1	Ring - Adjusting - Replaces 53352 & 53353
10		V16223	1861642	78-84/	1	Ring - Snap
11		V57575	1861640	78-84/	1	Retainer & Sleeve Spring Assembly - Replaces 31487
12		V16219		78-84/	6	Spring - Pressure 2800# Red in Color
13		V16220	1861639	78-84/	6	Pivot - Spring Pressure
14		V31489		78-84/	1	Ring - Flywheel
15		V56138	1861636	80-84/	1	Adjuster Assembly
		V31488		78-79/	1	Adjuster Assembly
16		V12298	1861634	78-84/	2	Bolt - 3/8" x 5/8 NC
17		V12304	1861635	78-84/	2	Washer - Lock 3/8"
18		V16222	1861641	78-84/	2	Ring - Release Sleeve
19		V51388	1861633	78-84/	1	Bearing & Housing Assembly
		V53354	1861632	78-84/	AR	Kit - Release Bearing & Sleeve

AR - As Required

NS - Not Stocked

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FIGURE 7F1 - CLUTCH LINKAGE 83-84



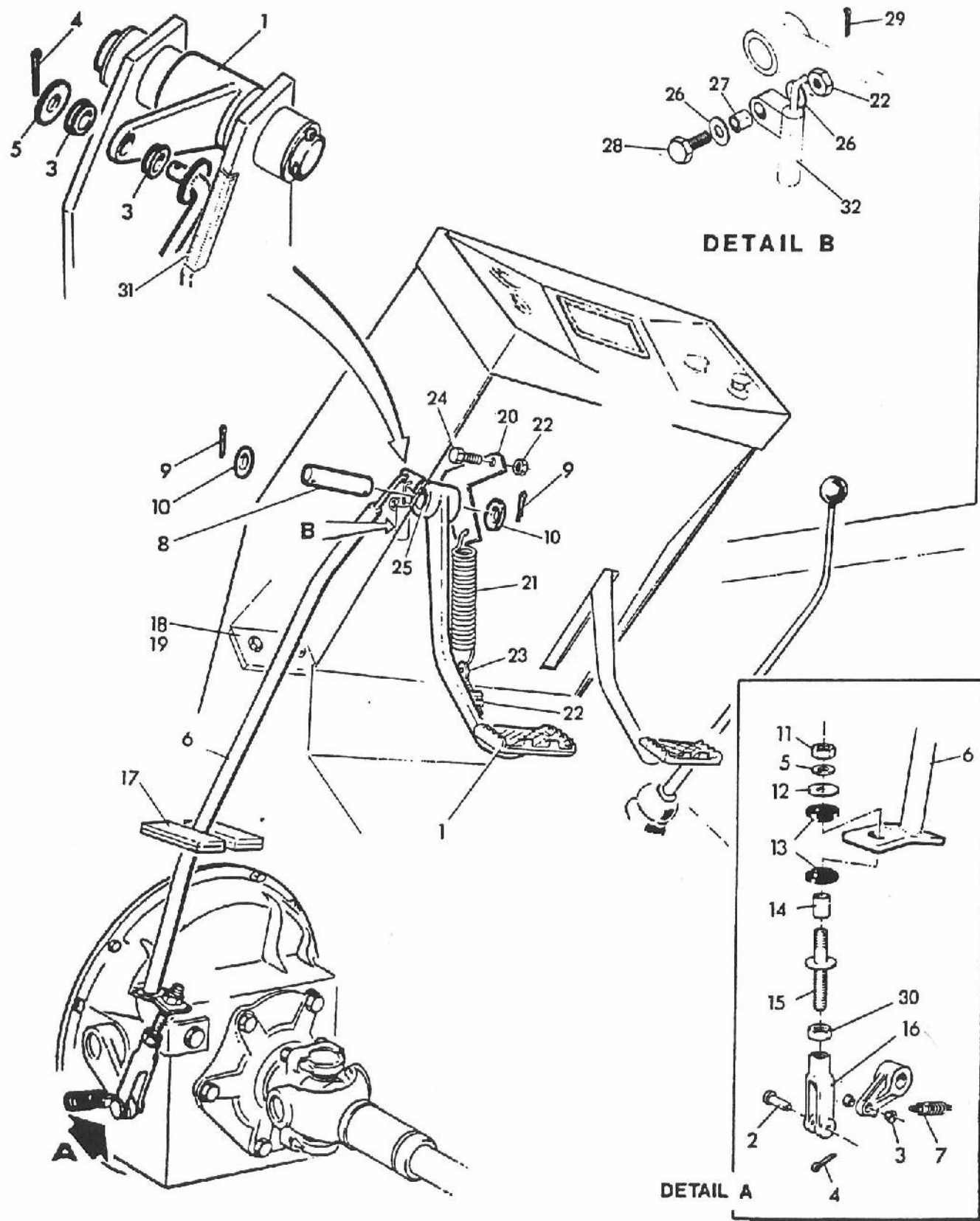
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FIGURE 7F1 - CLUTCH LINKAGE 83-84
KUPPLUNG-VERBINDUNG 83-84
TIMONERIE DE EMBRAYAGE 83-84
UNION DE EMBRAGUE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V55776		83-84/	1	Pedal - Foot Clutch
2		V20446	1860520	83-84/	1	Pin - Clevis
3		V14841	1859723	83-84/	4	Bushing - Nylon 1/2" ID
4		V12102	1860522	83-84/	2	Pin - Cotter 1/8" Dia x 1"
5		V12076	3975917	83-84/	1	Washer - Plain 17/32" ID x 1-1/16" x 13 GA - Replaces 12076P
6		V55778		83-84/	1	Rod - Linkage
7		V15718	1859714	83-84/	1	Spring
8		V55780		83-84/	1	Shaft - Pivot Clutch
9		V12122		84/	2	Pin - Cotter 3/16" Dia x 1-1/2"
		V12123	1859719	83/	2	Pin - Cotter 3/16" Dia x 1-1/2"
10		V14193		83-84/	2	Washer - Plain 1-1/16" ID x 1-1/2" OD x 16 GA
11		V50307		83-84/	1	Nut - Lock Hex Nylon Insert 1/2" - 20 UNF
12		V18605		83-84/	4	Washer - Plain 3/16" ID x 1-3/8" OD x 12 GA - Replaces 18605P
13		V15578	1860467	83-84/	2	Bushing - Rubber
14		V23777		83-84/	1	Spacer
15		V23779		83-84/	1	Connector
16		V20453	1860749	83-84/	1	Yoke - End 1/2" - 20 UNF
17		V22392		83-84/	2	Insulation - Clutch Rod
18		V29804	3975611	83-84/	2	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
19		V29384		83-84/	1	Cover - Sound Strap
20		V55782		83-84/	1	Lever - Spring Assist
21		V55777	1861619	83-84/	1	Spring - Overcenter Assist
22		V29803	3975610	83-84/	4	Nut - Flange - Hex Serrated 3/8" - 16 UNC
23		V55783	1861570	83-84/	1	Bolt - 3/8" - 16 UNC
24		V55805		83-84/	1	Bolt - Shoulder
25		V49413	1859718	83-84/	2	Bearing - Self-Lubricated
26		V47373		83-84/	2	Washer - Plain 13/32" ID x 13/16" OD x 16 GA
27		V55804	1860725	83-84/	1	Bushing - Steel
28		V12057	3975914	83-84/	1	Screw - Cap Hex 3/8" - 16 UNC x 1-1/2"
29		V12120		83-84/	1	Pin - Cotter 1/8" Dia x 3/4"
30		V84307	1860519	83-84/	1	Nut - Lock Hex 1/2" - 20 UNF
31		V58066		83-84/	1	Edging - Wire Protective
32		V55806	1860719	83-84/	1	Switch - Neutral Safety
33		V73166		83-84/	1	Washer - Cupped
34		V55800		83-84/	1	Plate - Neutral Safety Switch Mounting
35		V29804	3975611	83-84/	2	Screw - Flange Hex Serrated 1/4" - 2 UNC x 3/4" - Replaces 29804P

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FIGURE 7F2 - CLUTCH LINKAGE 78-83



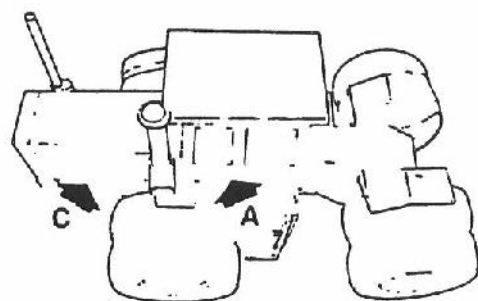
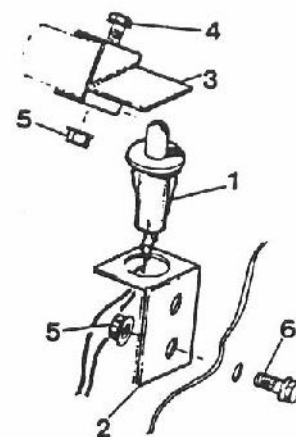
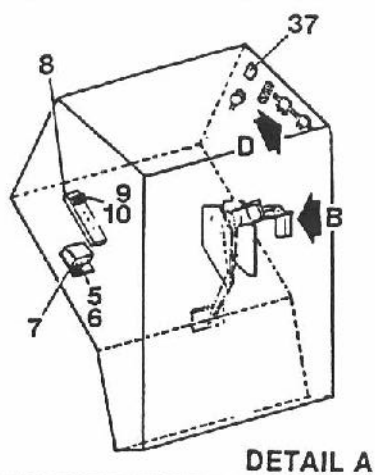
835 TRACTOR

FIGURE 7F2 - CLUTCH LINKAGE 78-83
KUPPLUNG-VERBINDUNG 78-83
TIMONERIE DE EMBRAYAGE 78-83
UNION DE EMBRAGUE

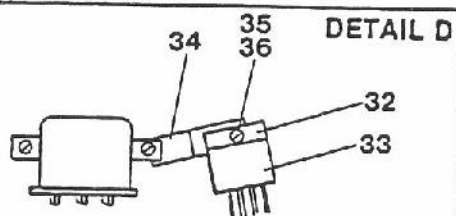
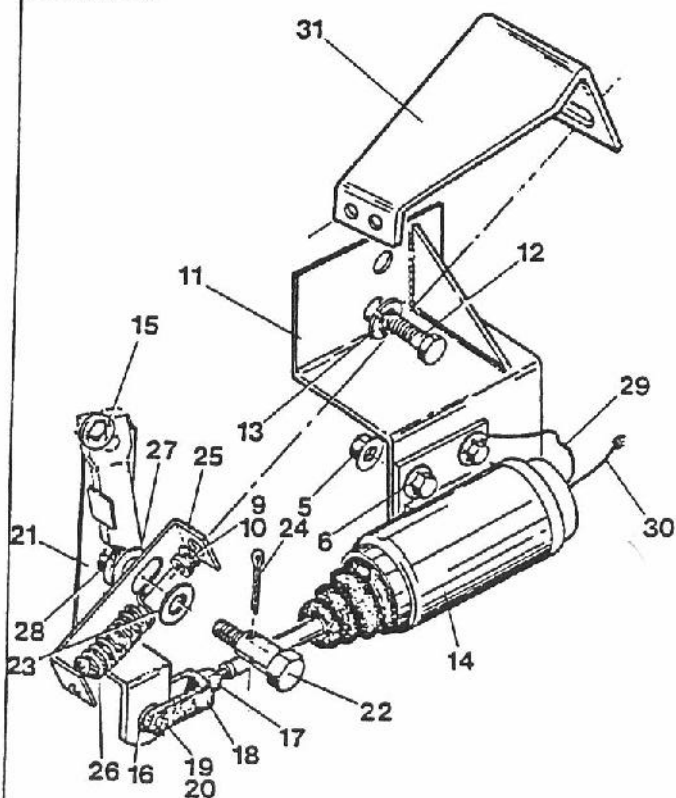
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V55776		80-83/	1	Pedal - Foot Clutch - Replaces TR-55776
		V14881		78-79/	1	Pedal - Foot Clutch
2		V20446	1860520	78-83/	1	Pin - Clevis
3		V14841	1859723	78-83/	4	Bushing - Nylon 1/2" ID
4		V12102	1860522	78-83/	2	Pin - Cotter 1/8" Dia x 1"
5		V12076	3975917	78-83/	2	Washer - Flat
6		V55778		80-83/	1	Rod - Linkage W.A. - Replaces TRA-55778
		V23783		78-79/	1	Rod - Linkage W.A.
7		V15718		78-83/	1	Spring
8		V55780		80-83/	1	Shaft - Pivot Clutch - Replaces TR-55780
		V29857		78-79/	1	Shaft - Pivot Clutch
9		V12123	1859719	78-83/	2	Pin - Cotter
10		V14193		78-83/	2	Washer - Flat
11		V50307		82-83/	1	Nut - Lock Hex Nylon Insert 1/2" - 20 UNF - Replaces 50416
		V12248	1861622	78-80/	1	Nut - 1/2" - 20 NF
12		V18605		78-83/	1	Washer - Flat 3/16" ID x 1-3/8" OD
13		V15578	1860467	78-83/	2	Bushing - Rubber
14		V23777		78-83/	1	Spacer - Replaces TR-23777
15		V23779		78-83/	1	Connector - W.A. - Replaces TRA-23779
16		V20453	1860749	78-83/	1	Clevis - 1/2" - 20 UNF
17		V22392		78-83/	2	Insulation - Clutch Rod - Replaces TR-22392
18		V29804	3975611	78-83/	2	Screw - Machine Hex Serrated Washer Head - Replaces 29804P
19		V29384		78-83/	1	Cover - Sound Strap - Replaces TR-29384
20		V55782		80-83/	1	Lever - Spring Assist - Replaces TR-55782
21		V55777	1861619	80-83/	1	Spring - Overcenter Assist
22		V29803	3975610	80-83/	4	Nut - Serrated Hex 3/8" - 16 UNC
23		V55783	1861570	80-83/	1	Bolt - 3/8" - 16 UNC
24		V55805		80-83/	1	Bolt - Shoulder
25		V49413	1859718	80-83/	2	Bearing - Self-Lubricated
26		V47373		78-83/	2	Washer - Plain 3/8" ID 16 GA
27		V55804	1860725	80-83/	1	Bushing - Steel - Replaces TR-55804
28		V12057	3975914	80-83/	1	Screw - Cap Hex 3/8" - 16 UNC x 1-1/2"
29		V12120		80-83/	1	Pin - Cotter 1/8" x 3/4"
30		V84037		80-83/	1	Nut - Jam Hex 1/2" - 20 UNF - Replaces 17657
31		V58066		81-83/	1	Edging - Wire Protective
32		V55806	1860719	81-83/	1	Switch - Clutch Safety

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FIGURE 7G1 - CLUTCH DECELERATOR



DETAIL C



835 TRACTOR

FIGURE 7G1 - CLUTCH DECELERATOR
KUPPLUNG-VERZÖERUNGER
DECÉLÉRATEUR DE EMBRAYAGE
DECELERADOR DE EMBRAGUE

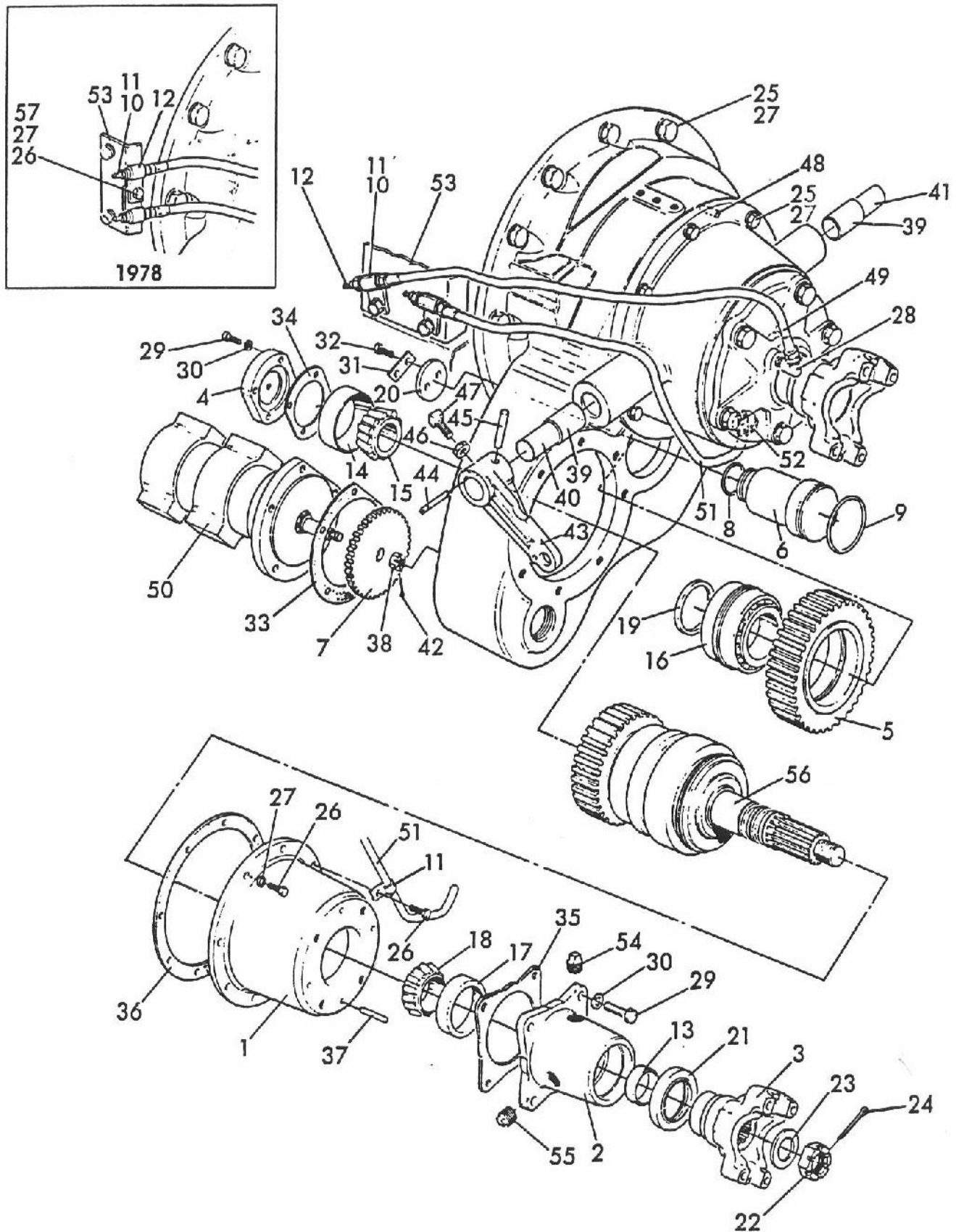
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V23755	3975592	81-84/	1	Switch
2		V58500		81-84/	1	Bracket - Switch Mounting
3		V58499		81-84/	1	Clamp - Switch Activator
4		V12598	3975947	81-84/	1	Screw - Cap Hex 1/4" - 20 UNC x 2" - Replaces 12598P
5		V29940	3975619	81-84/	7	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
6		V29804	3975611	81-84/	6	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/8" - Replaces 29804P
7		V56534		81-84/	1	Relay
8		V58509		81-84/	1	Breaker - Circuit
9		V12371	3975939	81-84/	2	Washer - Lock Helical Spring #10 - Replaces 12371P
10		V19269		81-84/	1	Nut - Hex #10 - 32 UNF - Replaces 19269P
11	(1)	V68727	1861723	83-84/	1	Bracket - Solenoid Mounting
12	(2)	V58456		81-83/	1	Bracket - Solenoid Mounting
		V36537	1861720	81-84/	2	Screw - Cap Hex 9/16" - 18 UNF x 1"
13		V20313	1861721	81-84/	2	Washer - Lock Helical Spring 9/16" ID - Replaces 20313P
14	(1)	V68694	1861788	83-84/	1	Solenoid - DC
15	(1)	V73128		81-84/	1	Solenoid - DC - Replaces 58453
16	(1)	V65736		83-84/	1	Washer - Curved Spring
17	(1)	V26386		83-84/	2	Washer - Spring Tension
18		V12104	3975925	81-84/	1	Nut - Hex 1/4" - 28 UNF
19		V14005	3975968	81-84/	1	Clevis - 1/4" - 28 UNF
		V29992	3975623	81-84/	1	Pin - Clevis 1/4" x 51/64" - Replaces 22992P
20		V24733	3975595	81-84/	2	Pin - Cotter 1/16" Dia x 1/2"
21		V58450	1861718	81-84/	1	Arm - Lever
22		V58451	1861716	81-84/	1	Bolt - Shoulder
23		V12076	3975917	81-84/	1	Washer - Plain 17/32" ID x 1-1/16" x 13 GA - Replaces 12076P
24		V12102	1860522	81-84/	1	Pin - Cotter 1/8" Dia x 1" - Replaces 12102P
25		V58452	1861717	81-84/	1	Plate - Cable
26		V58754	1861713	81-84/	1	Spring
27		V47359	3975821	81-84/	1	Washer - Plain 11/32" ID x 11/16" OD
28		V12344	1861714	81-84/	1	Nut - Lock Nylon Insert 5/16" x 18 UNC - Replaces 12344P
29		V60528		81-84/	1	Diode Assembly
30		V58457		81-84/	1	Harness - Wiring Solenoid
31		V89058		81-84/	1	Bracket - Throttle - Replaces 58447
		V63031		81-84/	1	Switch Assembly - Engine Shut Down Includes: 32-37
32		V61100	3976151	81-84/	1	Spot - Relay
33		V50830	3976097	81-84/	1	Relay - Base
34		V63032		81-84/	1	Bracket
35		V30180	3975627	81-84/	1	Screw - Flange - Hex Serrated #10 - 24 UNC x 1/2" - Replaces 30180P
36		V29939	3975617	81-84/	1	Nut - Flange - Hex Serrated #10 - 24 UNC - Replaces 29939P
37		V53030		81-84/	1	Switch - Murphy

(1) - ASN 83036768

(2) - BSN 83036769

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FIGURE 7H1 - ENGINE GEARBOX/PTO CLUTCH



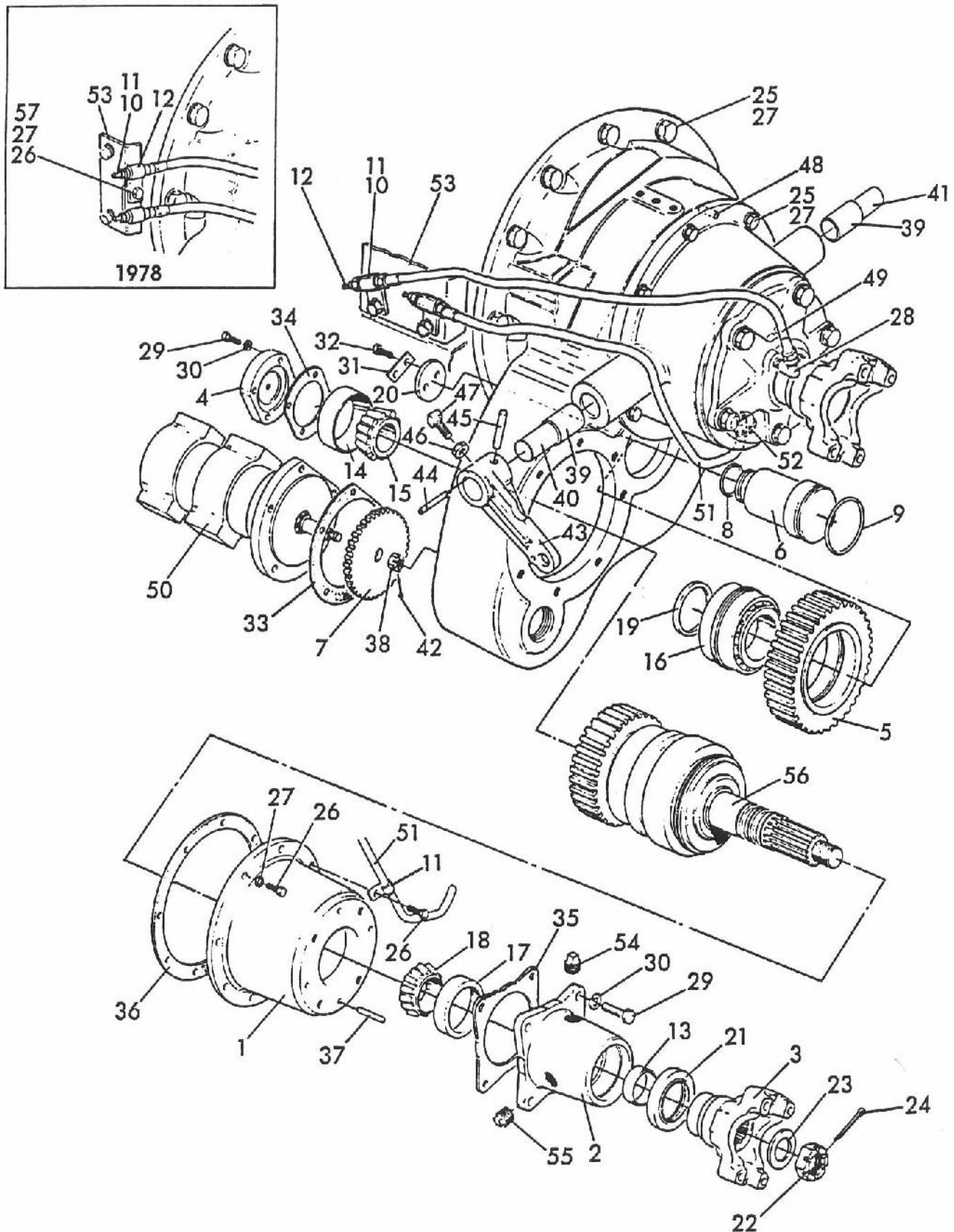
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FIGURE 7H1 - ENGINE GEARBOX/PTO CLUTCH
 MOTOR ZAHNRAD-GEHÄUSE/ZAPFWELLE KUPPLUNG
 BOITE DE VITESSES DE MOTEUR/EMBRAYAGE DE PRISE DE FORCE
 CAJA DE CAMBIOS DE MOTOR/EMBRAGUE DE TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V48281		78-84/	1	Cover - Hydraulic Clutch
2		V48419		78-84/	1	Cap - PTO Manifold
3		V49510		78-84/	1	Yoke - End
4		V48318		78-84/	1	Cap - Bearing
5		V47683		78-84/	1	Gear - Helical 41T
6		V48260		78-84/	1	Shaft - Idler
7		V48256		78-84/	1	Gear - Pump Drive
8		V49395	1861075	78-84/	1	O-Ring
9		V18438		78-84/	1	O-Ring
10		V12134	1860681	78-84/	2	Coupling - 1/8" NPT - Replaces 600T174
11		V600T164		78-84/	3	Clip - Hose
12		V8005	3975896	78-84/	2	Fitting - Grease 1/8" NPT
13		V49375		78-84/	1	Spacer
14		V18428	3975998	78-84/	1	Cup - Bearing
15		V18427	3975997	78-84/	1	Cone - Bearing
16		V49383		78-84/	1	Bearing Assembly
17		V49379		78-84/	1	Cup - Bearing
18		V49378		78-84/	1	Cone - Bearing
19		V48262		78-84/	1	Spacer
20		V49393		78-84/	1	Washer - Shaft Idler
21		V915T103	1860578	78-84/	1	Seal - Oil
22		V805T079		78-84/	1	Nut - Shaft 1-1/4" - 18 USF - Replaces 603T117
23		V800T034	1860311	78-84/	1	Washer - Plain 15/16" ID x 2-1/4" OD x 1/8"
24		V17442		78-84/	1	Pin - Cotter 5/32" Dia x 2"
25		V12038	1861603	78-84/	17	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 1-1/4"
26		V12050	3975911	78-84/	9	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 1"
27		V12011	3975908	78-84/	26	Washer - Lock Helical Spring 3/8" ID
28		V35505	1861588	78-84/	1	Elbow - Street 45 - 1/8" NPT
29		V12008	1859824	78-84/	8	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 1-1/2"
30		V12007	3975906	78-84/	8	Washer - Lock Helical Spring 1/2" ID
31		V49400		78-84/	1	Plate - Lock
32		V12201		78-84/	2	Screw - Cap 7/16" - 20 UNF x 1"
33		V48904		78-84/	1	Gasket - Cap Pump
34		V48896		78-84/	1	Shim - Bearing Cap .003
		V48897		78-84/	1	Shim - Bearing Cap .005
		V48894		78-84/	1	Shim - Bearing Cap .010
		V48895		78-84/	1	Shim - Bearing Cap .020

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FIGURE 7H1 - ENGINE GEARBOX/PTO CLUTCH



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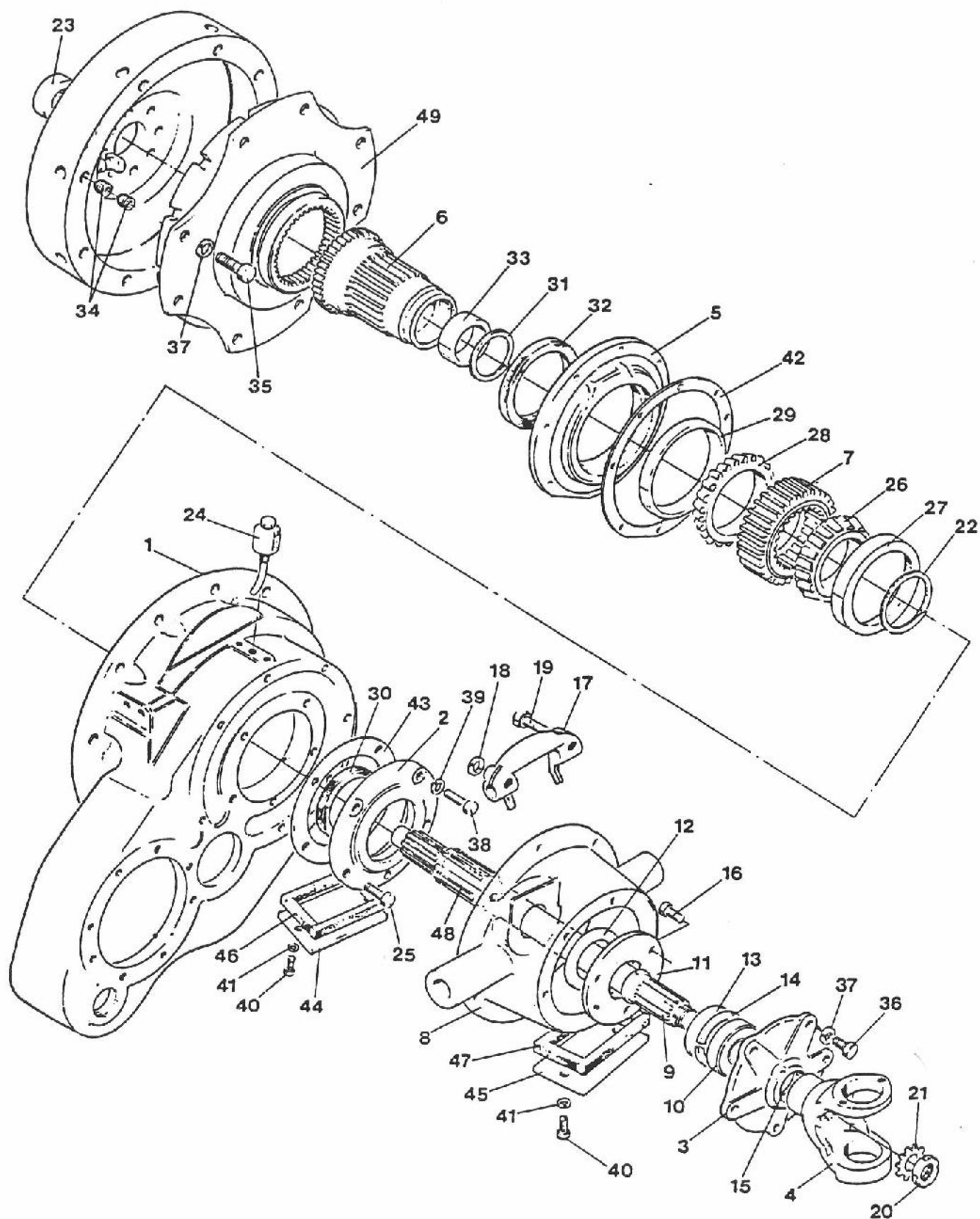
FIGURE 7H1 - ENGINE GEARBOX/PTO CLUTCH
 MOTOR ZAHNRAD-GEHÄUSE/ZAPFWELLE KUPPLUNG
 BOITE DE VITESSES DE MOTEUR/EMBRAYAGE DE PRISE DE FORCE
 CAJA DE CAMBIOS DE MOTOR/EMBRAGUE DE TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
35		V48902		78-84/	1	Gasket - PTO Manifold
36		V48903		78-84/	1	Gasket - Cover Hydraulic
37		V49409	3976060	78-84/	4	Pin - Dowel 1/4" x 1-3/4"
38		V49414		78-84/	1	Nut - Slotted 1/2" - 20 UNF
39		V49413	1859718	78-84/	2	Bearing - Self-Lubricated
40		V48619		78-84/	1	Shaft - Clutch Actuating
41		V48617		78-84/	1	Shaft - Clutch Extension
42		V12813	3975954	78-84/	1	Pin - Cotter 3/32" Dia x 1-1/2"
43		V8517		78-84/	1	Arm - Clutch Release
44		V1674	1861618	78-84/	1	Key - 1/4" x 1/4" x 1-1/2"
45		V14878	1861606	78-84/	1	Pin - Roll 1/4" x 1-5/8"
46		V12094	3975922	78-84/	1	Nut - 5/16" - 18 UNC
47		V12264		78-84/	1	Screw - Set Square Head 5/16" - 18 UNC x 3/4"
48		V49453		78-84/	2	Pin - Dowel 3/8" x 1"
49		V47293		78-84/	1	Hose Assembly - Medium High Pressure
50				78-84/	AR	Pump - Hydraulic - See PTO Hydraulic Pump - This Section
51		V50255		78-84/	1	Hose Assembly - Medium High Pressure
52		V17696		78-84/	1	Grommet - 1/2" x 1-1/16"
53				78-84/	AR	Support - Hood Rear - See Hoods Section 1 - Structures
54		V6958		78-84/	1	Plug - 1/2" NPT
55		V6972		78-84/	1	Plug - 3/8" NPT
56				78-84/	AR	Clutch - Hydraulic PTO - See PTO Clutch - This Section
57		V12037	3975909	78/	1	Nut - 3/8" - 16 UNC

AR - As Required

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FIGURE 7H2 - ENGINE GEARBOX COVER ASSEMBLY



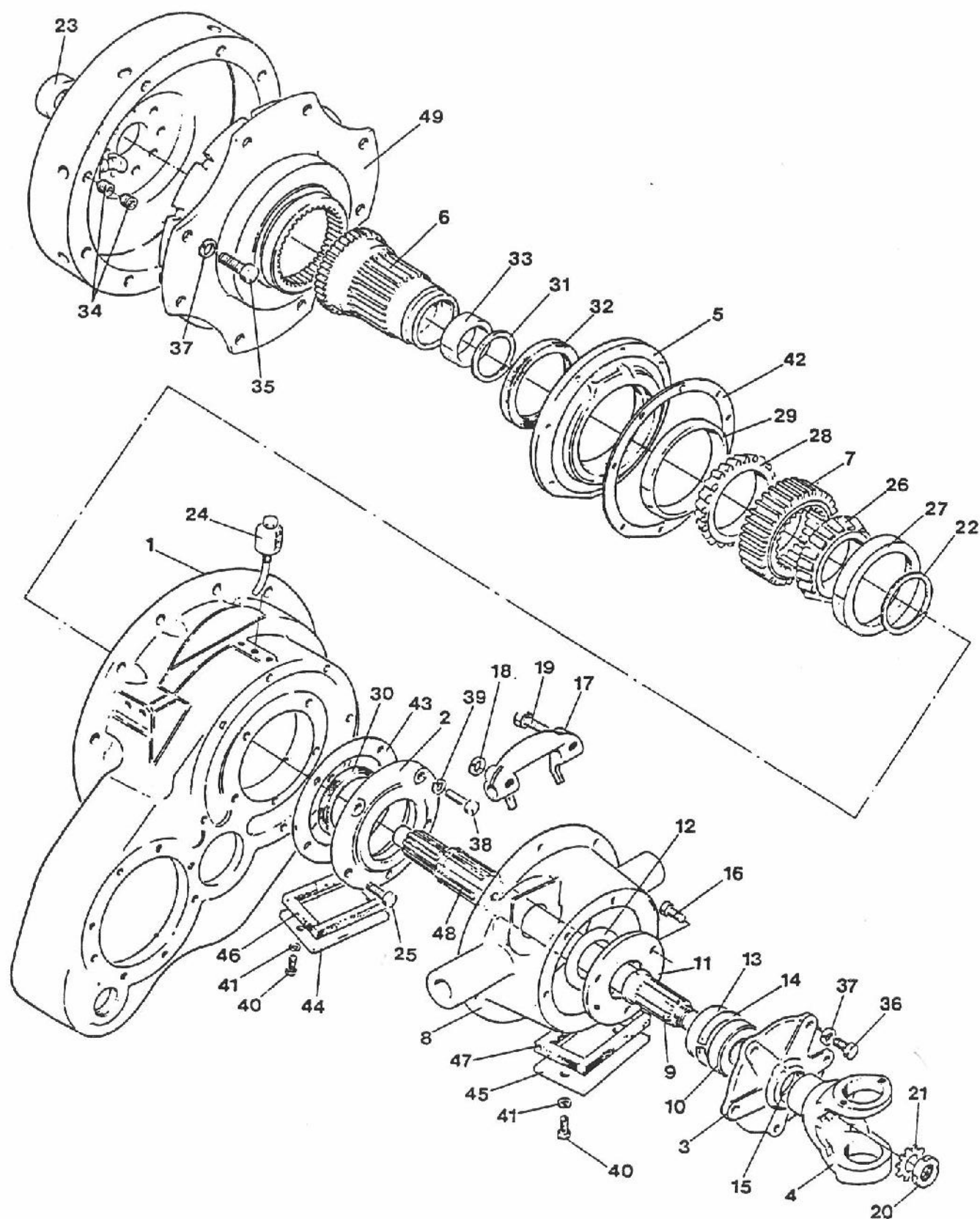
835 TRACTOR

FIGURE 7H2 - ENGINE GEARBOX COVER ASSEMBLY
 KOMPL. MOTOR ZAHNRAD-GEHAUSE DECKEL
 ENS. COUVERCLE DE BOITE DE VITESSES DE MOTEUR
 ENS. CUBIERTA DE CAJA DE CAMBIOS DE MOTOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V48320		78-84/	1	Gearbox - Engine
2		V48251		78-84/	1	Cap - Bearing
3		V29337		78-84/	1	Cap - Bearing Clutch
4		V49510		78-79/	1	Yoke
		V31954		80-84/	1	Yoke - End 1-3/4" 10 Spline
5		V48304		78-84/	1	Cap - Bearing Front Input
6		V47681		78-84/	1	Gear - Input Drive
7		V47682		78-84/	1	Gear - Helical 34T
8		V48255		78-84/	1	Cover - Release Bearing
9		V48263		78-84/	1	Shaft - Clutch Spline
10		V26198	1861598	78-84/	1	Bearing
11		V26201	1861595	78-84/	1	Plate - Backing
12		V26202	1861600	78-84/	1	Brake - Clutch
13		V25709	1861596	78-84/	1	Slinger
14		V12635	1861597	78-84/	1	Ring - Retaining
15		V13223	1861593	78-84/	1	Seal
16		V26203	1861594	78-84/	3	Bolt - Self-Locking 3/8" - 16 UNC x 3/4"
17		V14924	1861612	78-84/	1	Shifter - Clutch
18		V16356	1861611	78-84/	1	Key - Ring
19		V16276	1861610	78-84/	2	Bolt - Self-Locking 7/16" - 14 UNC x 1-1/4"
20		V12637		78-84/	1	Nut - Lock Yoke
21		V12553		78-84/	1	Washer - Lock
22		V49266		78-84/	1	Ring - Retaining
23		V12636	1861617	78-84/	1	Bearing
24		V52417		78-84/	1	Vent
25		V12085	1860575	78-84/	2	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 1-1/4"
26		V49390		78-84/	1	Cone - Bearing
27		V49389		78-84/	1	Cup - Bearing
28		V49388		78-84/	1	Cone - Bearing
29		V49387		78-84/	1	Cup - Bearing
30		V49380		78-84/	1	Seal - Oil
31		V49382		78-84/	1	Ring - Retaining
32		V49381		78-84/	1	Seal - Oil
33		V48261		78-84/	1	Bushing
34		V12639		78-84/	1	Screw - Set Socket Head 3/8" - 16 UNC x 3/8"
35		V12038	1861603	78-84/	13	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 1-1/4"
36		V12050	3975911	78-84/	5	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 1"
37		V12011	3975908	78-84/	18	Washer - Lock Helical Spring 3/8" ID
38		V12008	1859824	78-84/	3	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 1-1/2"
39		V12007	3975906	78-84/	3	Washer - Lock Helical Spring 1/2" ID
40		V12367	1861123	78-84/	4	Screw - Cap Hex Grade 5 1/4" - 20 UNC x 1/2"
41		V12004	3975905	78-84/	4	Washer - Lock Helical Spring 1/4" ID
42		V48905		78-84/	1	Gasket - Bearing Cap Front Input

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FIGURE 7H2 - ENGINE GEARBOX COVER ASSEMBLY



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FIGURE 7H2 - ENGINE GEARBOX COVER ASSEMBLY
 KOMPL. MOTOR ZAHNRAD-GEHAUSE DECKEL
 ENS. COUVERCLE DE BOITE DE VITESSES DE MOTEUR
 ENS. CUBIERTA DE CAJA DE CAMBIOS DE MOTOR

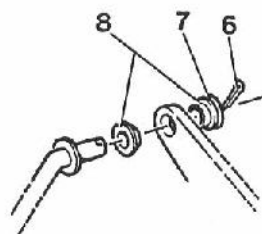
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
43		V48899		78-84/	1	Shim - Bearing Cap .003
		V48898		78-84/	1	Shim - Bearing Cap .005
		V48901		78-84/	1	Shim - Bearing Cap .010
		V48900		78-84/	1	Shim - Bearing Cap .020
44		V49422		78-84/	1	Cover - Plate Engine Gearbox
45		V49423		78-84/	1	Cover - Plate Release Bearing
46		V8857001		78-84/	1	Seal - Dust - Replaces 49420 & 49421
47	NS	V49421		78-84/	1	Seal - Dust
48				78-84/	AR	Bearing & Housing Assembly - See PTO Clutch Cover Plate - This Section
49				78-84/	AR	Cover Assembly - See PTO Clutch Cover Plate - This Section

AR - As Required

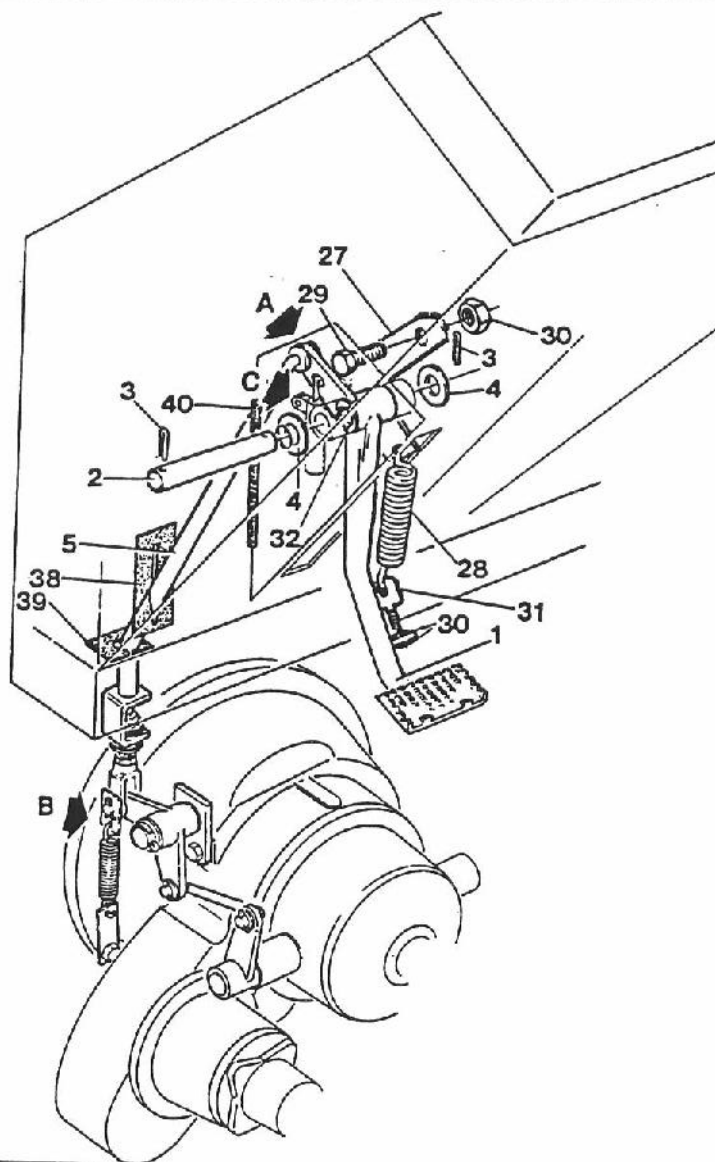
NS - Not Serviced

835 TRACTOR

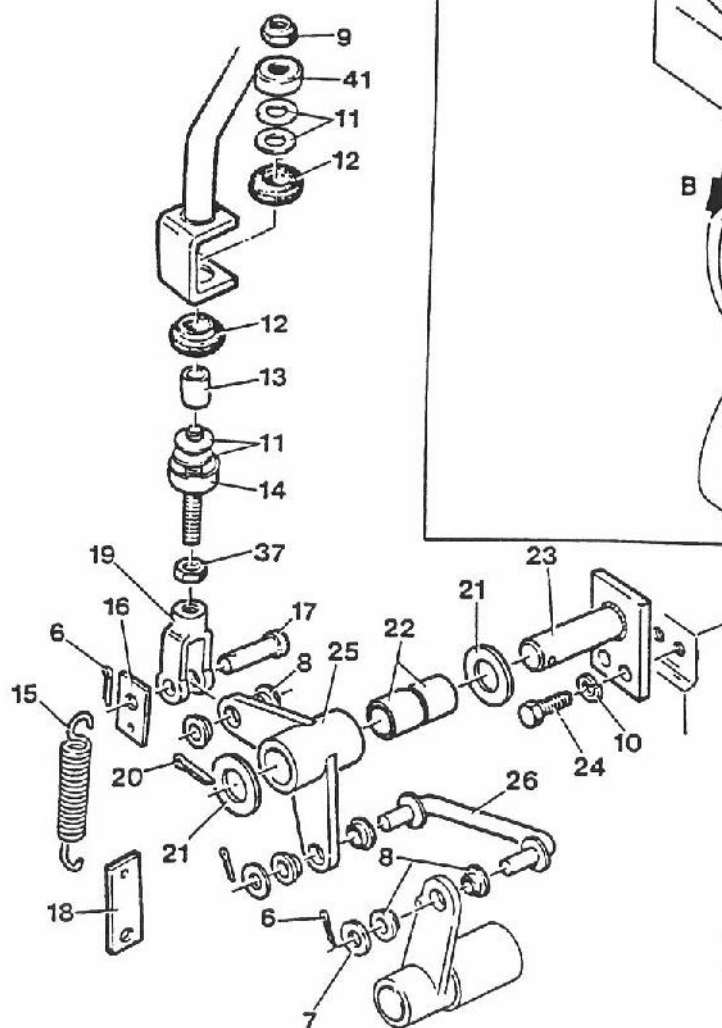
FIGURE 7J1 - CLUTCH LINKAGE - PTO 80-84



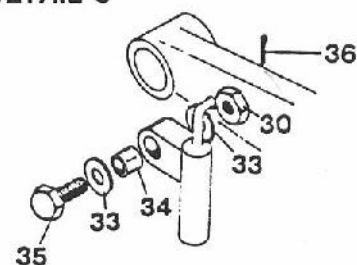
DETAIL A



DETAIL B



DETAIL C



835 TRACTOR

FIGURE 7J1 - CLUTCH LINKAGE - PTO 80-84
KUPPLUNG VERBINDUNG ZAPFWELLE
TIMONERIE DE EMBRAYAGE PRISE DE FORCE
UNIÓN DE EMBRAGUE TOMA DE FUERZA

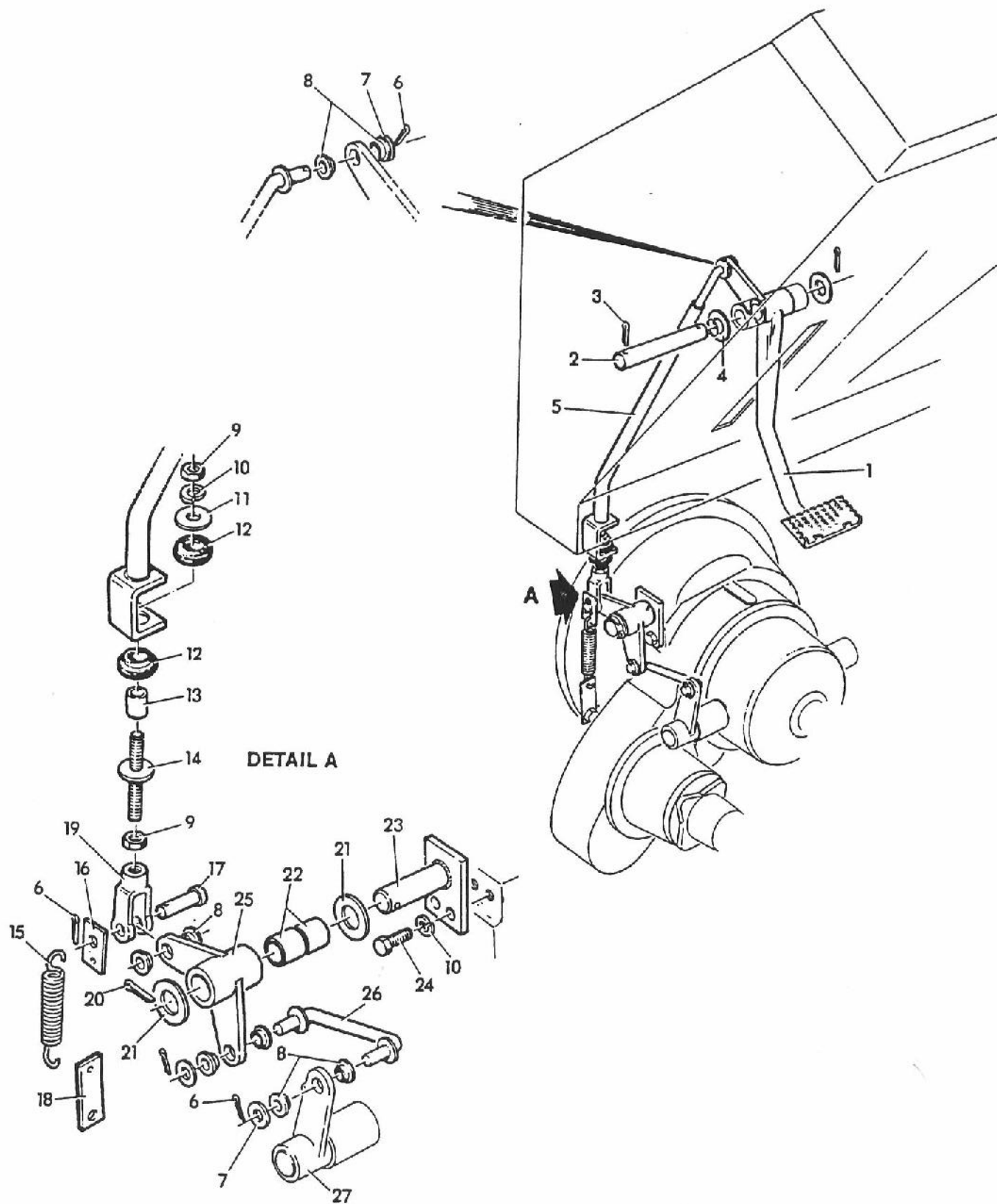
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V55776		80-84/	1	Pedal - Foot Clutch
2		V55780		80-84/	1	Shaft - Clutch Pivot
3		V12122		84/	2	Pin - Cotter 3/16" Dia x 1-1/2" - Replaces 12122P
		V12123	1859719	80-83/	2	Pin - Cotter 3/16" Dia x 1-1/2" - Replaces 12123P
4		V14193		80-84/	2	Washer - Plain 1-1/16" ID x 1-1/2" OD x 16 GA
5		V56074		80-84/	1	Rod - Clutch
6		V12102	1860522	80-84/	4	Pin - Cotter 1/8" Dia x 1"
7		V12076	3975917	80-84/	3	Washer - Plain 17/32" ID x 1-1/16" OD x 13 GA
8		V14841	1859723	80-84/	8	Bushing - Nylon
9	(1)	V50307		81-84/	1	Nut - Lock Hex 1/2" - 20 UNF - Replaces
		V12248	1861622	80/	1	Nut - Hex 1/2" - 20 UNF 50416
10		V12007	3975906	80-84/	2	Washer - Lock Helical Spring 1/2" ID
11		V18605		80-84/	4	Washer - Plain 9/16" ID x 1-3/8" OD x 12 GA - Replaces 18605P
12		V15578	1860467	80-84/	2	Bushing - Rubber
13		V23777		80-84/	1	Spacer - Clutch Linkage
14		V23779		80-84/	1	Connector - Clutch Linkage
15		V15718	1859714	80-84/	1	Spring - Extension
16		V49990		80-84/	1	Clip - Spring
17		V50004		80-84/	1	Pin - Clevis 1/2" x 1-1/2"
18		V49989		80-84/	1	Retainer - Spring
19		V20453	1860749	80-84/	1	End - Yoke 1/2" - 20 UNF
20		V12121		80-84/	1	Pin - Cotter 3/16" Dia x 1-1/4"
21				80-84/	2	Washer - Plain 29/32" ID x 1-3/16" OD x 16 GA
22		V49991		80-84/	2	Bushing - Bronze
23		V49997		80-84/	1	Bracket - Pivot
24		V12008	1859824	80-84/	2	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 1-1/2" 1-1/2"
25		V14796		80-84/	1	Bellcrank
26		V49995		80-84/	1	Rod
27		V55782		80-84/	1	Lever - Spring Assist
28		V55777	1861619	80-84/	1	Spring - Overcenter Assist
29		V55805		80-84/	1	Bolt - Shoulder
30		V29803	3975610	80-84/	4	Nut - Flange - Hex Serrated 3/8" - 16 UNC
31		V55783	1861570	80-84/	1	Bolt - 3/8" - 16 UNC
32		V49413	1859718	80-84/	2	Bearing - Self-Lubricated
33		V47373		80-84/	2	Washer - Plain 13/32" ID x 13/16" OD x 16 GA
34		V55804	1860725	80-84/	1	Bushing - Steel
35		V12057	3975914	80-84/	1	Screw - Cap Hex 3/8" - 16 UNC x 1-1/2"
36		V12120		80-84/	1	Pin - Cotter 1/8" Dia x 3/4"
37	(1)	V12248	1861622	83-84/	1	Nut - Jam Hex 1/2" - 20 UNF
		V84307	1860519	80-83/	1	Nut - Hex 1/2" - 20 UNF
38		V17489		81-84/	1	Insulation - Clutch Rod
39		V22392		81-84/	2	Insulation - Clutch Rod
40		V58066		81-84/	1	Edging - Wire Protective
41	(1)	V73166		83-84/	1	Washer - Cupped

(1) - ASN 83036768

(2) - BSN 83036769

835 TRACTOR

FIGURE 7J2 - CLUTCH LINKAGE - PTO 78-79



835 TRACTOR

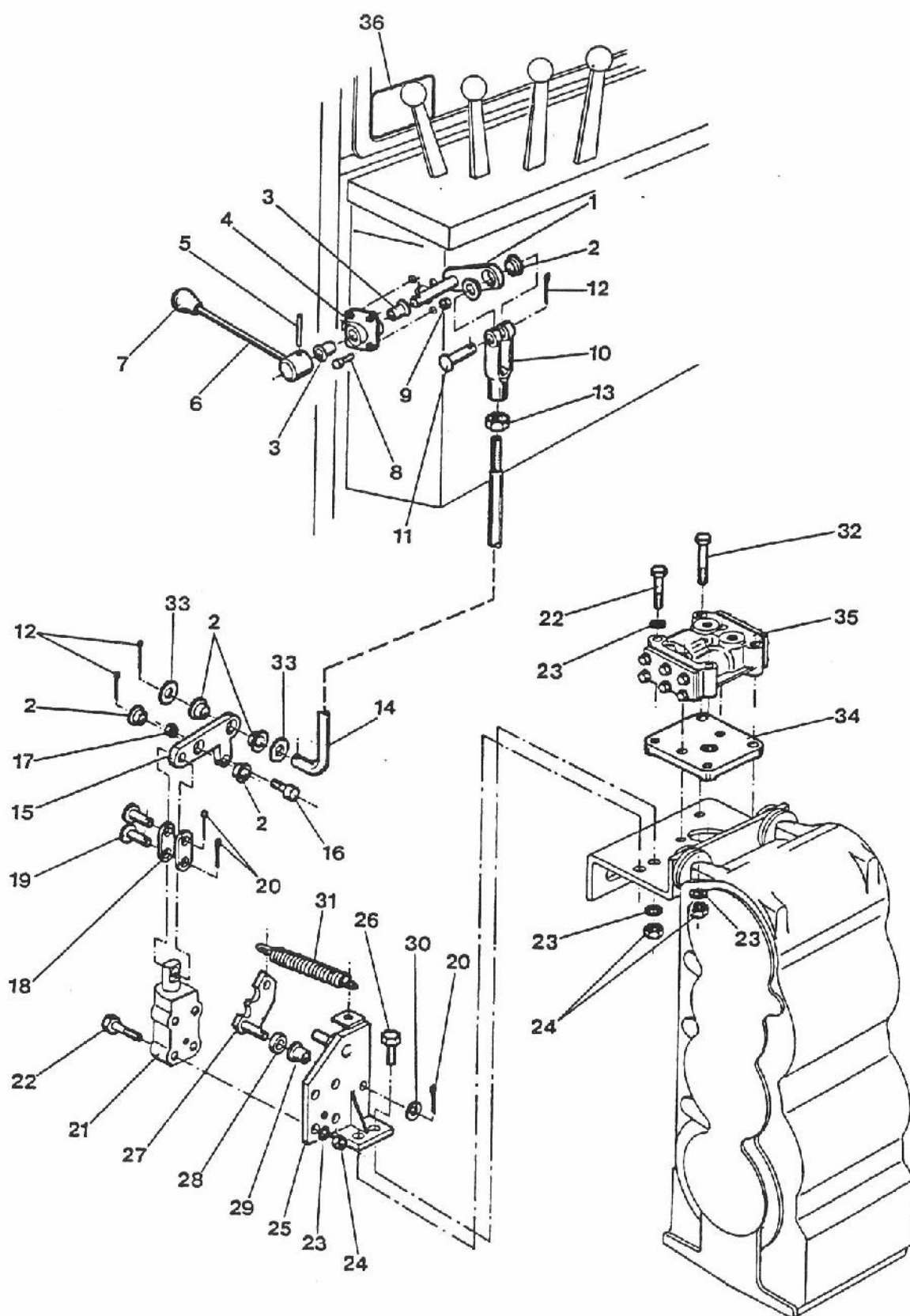
FIGURE 7J2 - CLUTCH LINKAGE - PTO 78-79
 KUPPLUNG VERBINDUNG ZAPFWELLE
 TIMONERIE DE EMBRAYAGE PRISE DE FORCE
 UNIÓN DE EMBRAGUE TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V14881		78-79/	1	Pedal - Foot Clutch - Replaces TR-14881
2		V29857		78-79/	1	Shaft - Clutch Pivot - Replaces TR-29857
3		V12123	1859719	78-79/	2	Pin - Cotter
4		V14193		78-79/	2	Washer - Flat
5		V49998		78-79/	1	Rod - Clutch - Replaces TRA-49998
6		V12102	1860522	78-79/	4	Pin - Cotter
7		V12076		78-79/	3	Washer - Flat 1/2"
8		V14841	1859723	78-79/	8	Bushing - Nylon
9		V12248	1861622	78-79/	2	Nut - Hex 1/2" - 20 UNF
10		V12007	3975906	78-79/	3	Washer - Lock
11		V18605		78-79/	1	Washer - Flat
12		V15578	1860467	78-79/	2	Bushing - Rubber
13		V23777		78-79/	1	Spacer - Clutch Linkage - Replaces TR-23777
14		V23779		78-79/	1	Connector - Clutch Linkage - Replaces TRA-23779
15		V15718	1859714	78-79/	1	Spring
16		V49990		78-79/	1	Clip - Replaces TR-49990
17		V50004		78-79/	1	Pin - Clevis
18		V49989		78-79/	1	Retainer - Spring - Replaces TR-49989
19		V20453		78-79/	1	Yoke - End
20		V12121		78-79/	1	Pin - Cotter
21		V7546		78-79/	2	Washer - Flat
22		V49991		78-79/	2	Bushing - Bronze
23		V49997		78-79/	1	Bracket - Pivot - Replaces TRA-49997
24		V12008	1859824	78-79/	2	Bolt - Hex 1/2" - 13 NC x 1-1/2" Long
25		V14796		78-79/	1	Bellcrank - Replaces TR-14796
26		V49995		78-79/	1	Rod - Replaces TRA-49995
27				78-79/	AR	Arm - Clutch Release - See Engine Gear Box PTO Clutch - This Section

AR - As Required

835 TRACTOR

FIGURE 7K1 - PTO CONTROL



835 TRACTOR

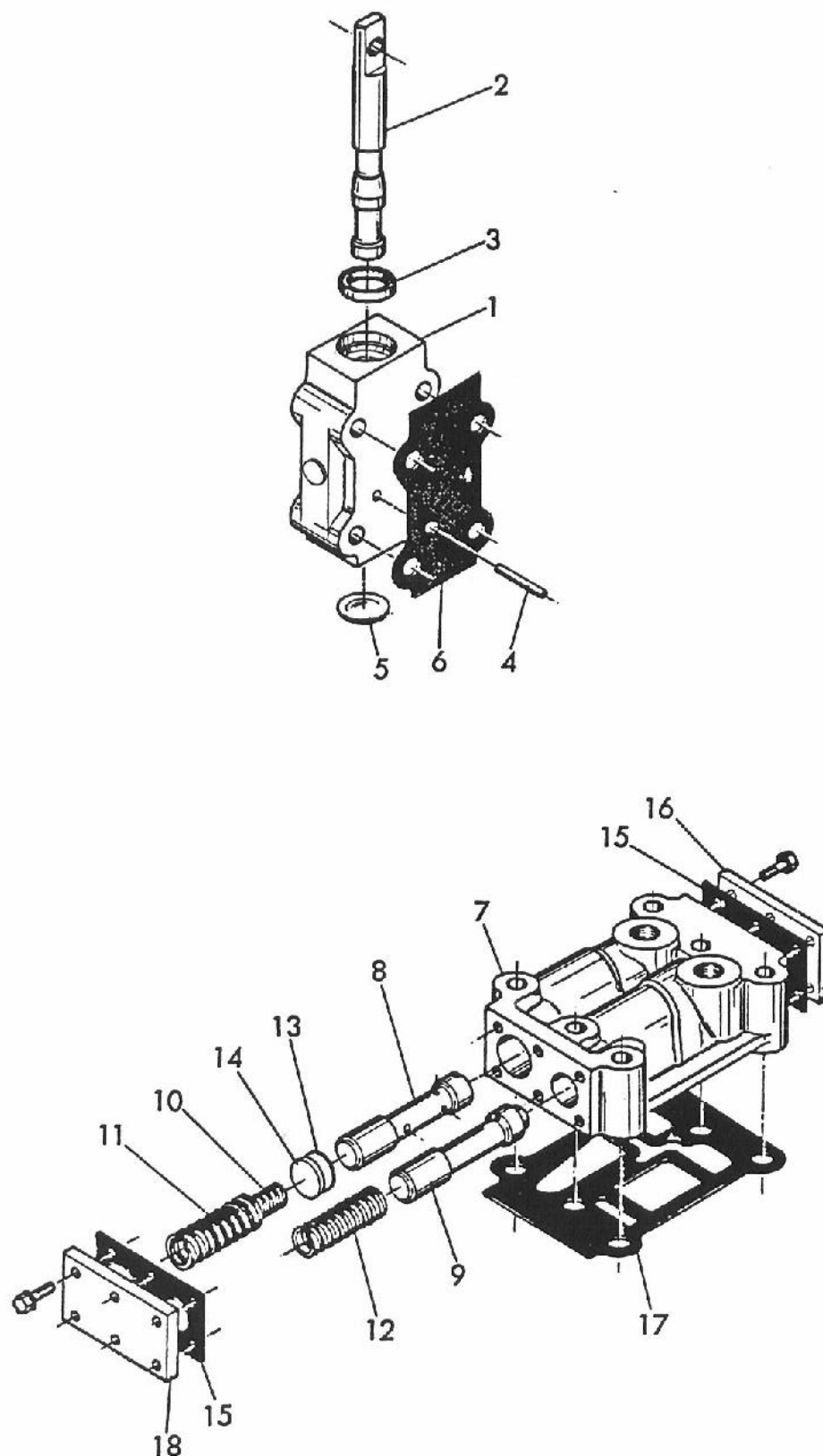
FIGURE 7K1 - PTO CONTROL
ZAPFWELLEN-SCHALTHEBEL
COMMANDES PRISE DE FORCE
CONTROL DE TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V49610		78-84/	1	Pivot - Arm
2		V14841	1859723	78-84/	6	Bushing - Valve Bellcrank
3		V49694		78-84/	2	Bushing - Nylon Split
4		V49368		78-84/	1	Housing - Lever PTO
5		V12835		78-84/	1	Pin - Roll 3/16" x 1-1/2"
6		V49609		78-84/	1	Lever - Control
7		V49376		78-84/	1	Knob - PTO Control
8		V29990	3975620	78-84/	4	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4"
9		V29991	3975622	78-84/	4	Nut - Flange - Hex Serrated 5/16" - 18 UNC
10		V20453	1860749	78-84/	1	Yoke - End 1/2" - 20 UNF
11		V17599		78-84/	1	Pin - Clevis 1/2"
12		V12102	1860522	78-84/	3	Pin - Cotter 1/8" Dia x 1"
13		V84307	1860519	78-84/	1	Nut - Jam 1/2" - 20 UNF - Replaces 17657
14		V49612		78-84/	1	Linkage - Control
15		V49607		78-84/	1	Lever - Modulator
16		V13025	3975962	78-84/	1	Follower - Cam
17		V12608	1860406	78-84/	1	Nut - Lock 3/8" - 24 UNF
18		V49461		78-84/	2	Link - Modulator
19		V84266		78-84/	2	Pin - 7/16" x 1" - Replaces 49562
20		V12003	3975904	78-84/	3	Pin - Cotter 3/32" Dia x 3/4"
21				78-84/	AR	Valve Assembly - PTO - See PTO Regulator Valve - This Section
22		V13062		78-84/	7	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 3"
23		V12011	3975908	78-84/	12	Washer - Lock Helical Spring 3/8" ID
24		V12037	3975909	78-84/	9	Nut - 3/8" - 16 UNC
25		V49611		78-84/	1	Mount - Modulator
26		V12057	3975914	78-84/	2	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 1-1/2"
27		V49608		78-84/	1	Cam
28		V49467		78-84/	1	Spacer - Cam Pivot
29		V49693		78-84/	1	Bushing - Nylon
30		V47359	3975821	78-84/	1	Washer - Plain 11/32" ID x 11/16" OD x 16 GA
31		V49692		78-84/	1	Spring - Return
32		V12048	1861498	78-84/	3	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 4-1/2"
33		V17502		78-84/	2	Washer - Plain 17/32" ID x 1 OD x 16 GA
34		V49369		78-84/	1	Mount - Regulator Valve PTO
35				78-84/	AR	Main Regulator Valve Assembly - See PTO Regulator Valve - This Section
36		V48264		78-84/	1	Decal - PTO Warning

AR - As Required

835 TRACTOR

FIGURE 7L1 - PTO REGULATOR VALVE



835 TRACTOR

FIGURE 7L1 - PTO REGULATOR VALVE
 REGLER VENTIL - ZAPFWELLE
 DISTRIBUTUER - RÉGULATEUR DE PRISE DE FORCE
 VÁLVULA DE REGULADOR DE TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V33492		78-84/	1	Valve Assembly - PTO
1	NSS	V48729		78-84/	1	Includes: 1-6
2		V48730		78-84/	1	Body - Valve
3		V48731	1861055	78-84/	1	Valve Assembly - Main Regulator
4		V48732		78-84/	1	Seal - Oil
5		V48733	1861054	78-84/	1	Pin - Dowel .156 Dia x 1-1/4"
6		V33501	1861053	78-84/	1	Plug - Expansion
		V31346		78-84/	1	Gasket - Valve Body
						Main Regulator Valve Assembly
						Includes: 7-18
7	NSS	V48734		78-84/	1	Body - Main Regulator Valve
8		V48736		78-84/	1	Valve Assembly - Main Regulator
9		V48735		78-84/	1	Valve - Lube Pressure
10		V48739	1861062	78-84/	1	Spring - Main Regulator Inner
11		V48738		78-84/	1	Spring - Main Regulator
12		V48740	1861065	78-84/	1	Spring - Lube Valve
13		V48743	1861064	78-84/	AR	Washer - Spring - Replaces 48737
14	NS	V48737	1861063	78-84/	AR	Washer - Spring
15		V48741	1861060	78-84/	2	Gasket - Cover
16		V48742	1861068	78-80/	1	Cover - Valve
17		V31367	1861056	78-84/	1	Gasket - Valve Body
18		V55118	1861059	79,81-84/	1	Cover - Valve

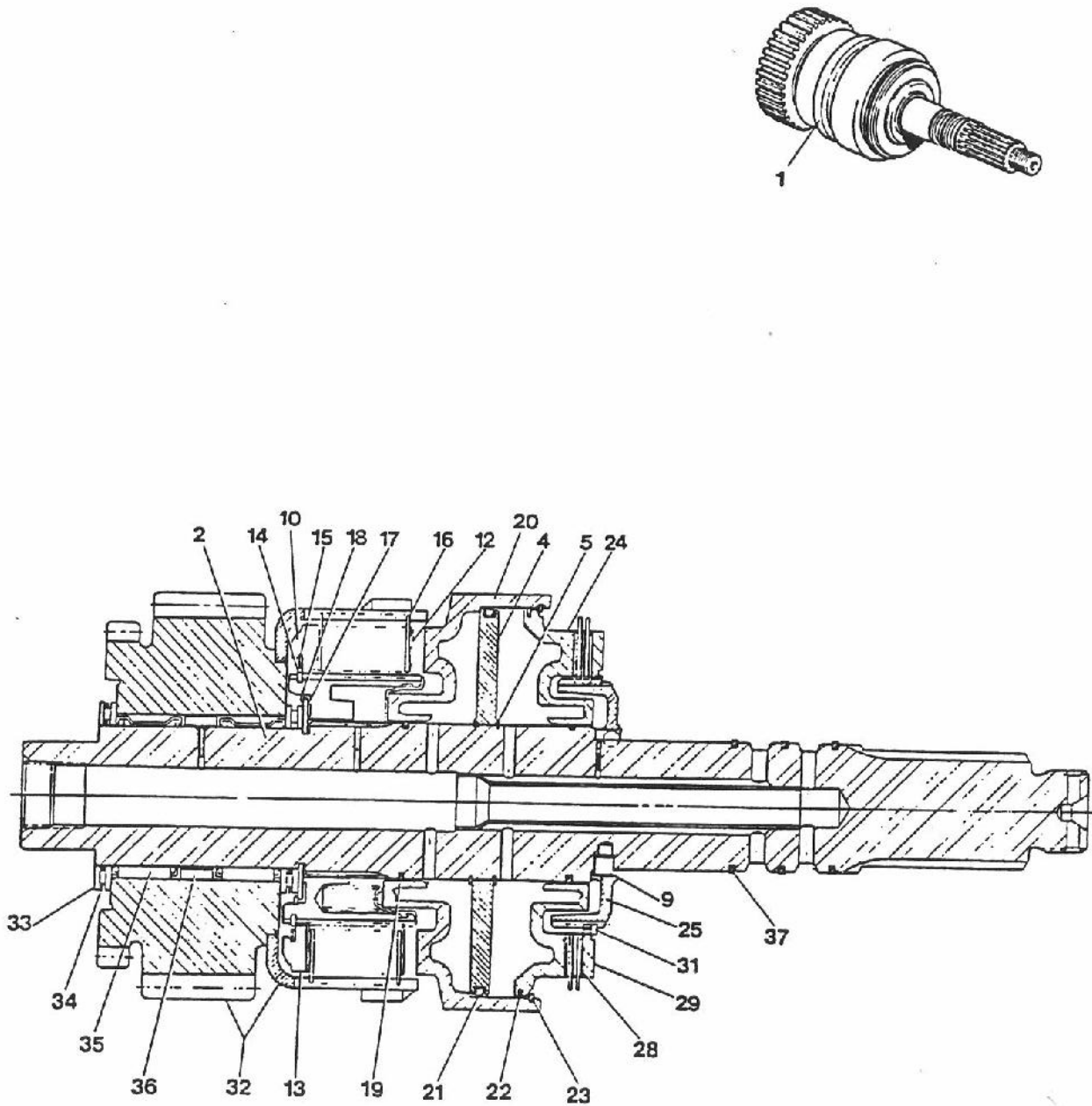
AR - As Required

NS - Not Serviced

NSS - Not Serviced Separately

835 TRACTOR

FIGURE 7M1 - HYDRAULIC PTO CLUTCH - 84



835 TRACTOR

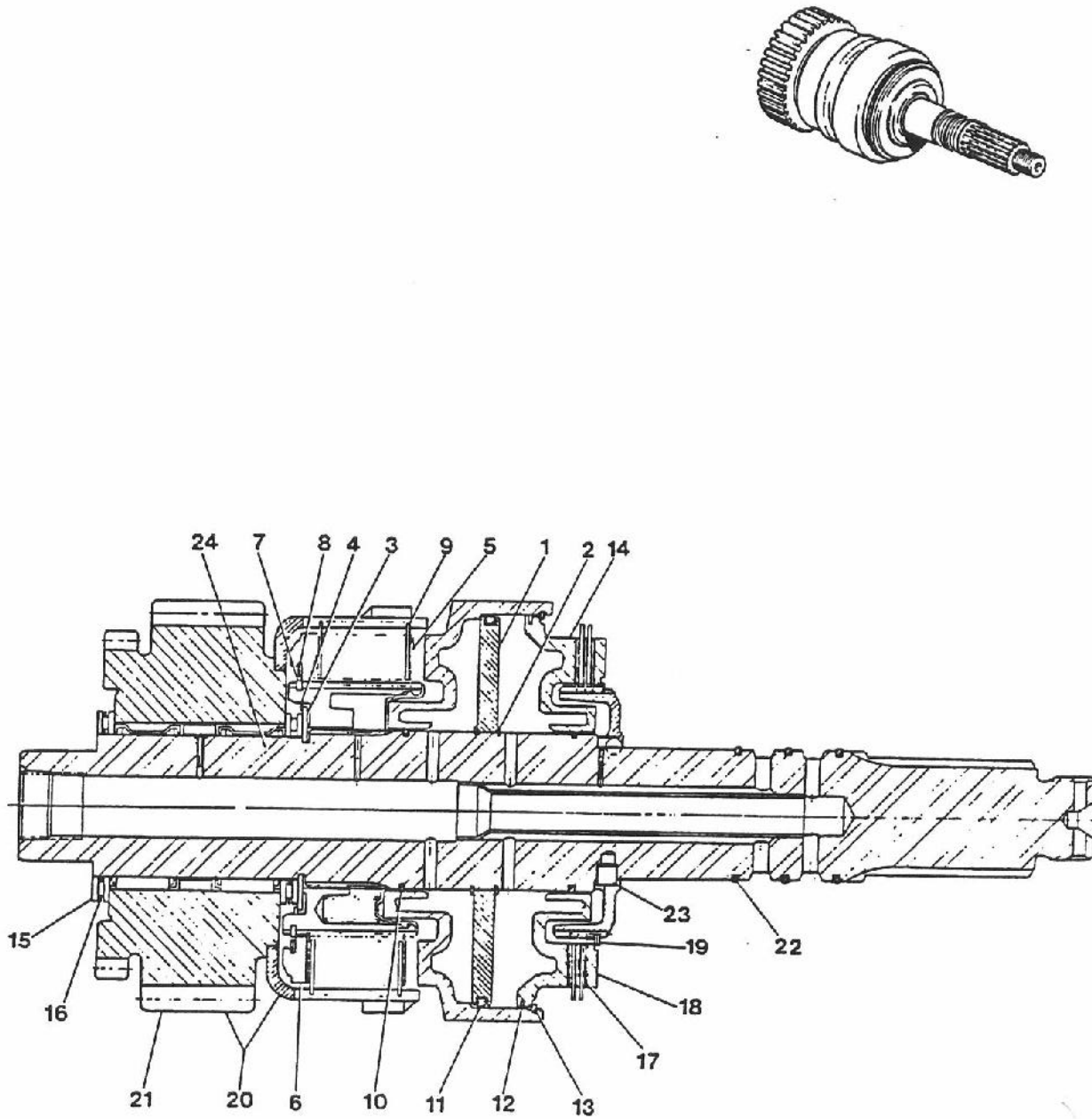
FIGURE 7M1 - HYDRAULIC PTO CLUTCH - 84
 HYDRAULISCHE ANTRIEBSWELLENKUPPLUNG
 EMBRAYAGE DE PRISE DE FORCE HYDRAULIQUE
 EMBRAGUE DE LA TOMA DE FUERZA HYDRAULICO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V56040		84/	1	Clutch - Hydraulic PTO
		V57306		84/	1	Clutch Pack Assembly Includes: 2, 3, 10 & 17-24
2	NSS	V57305		84/	1	Shaft Assembly - Clutch Includes: 3-9
3				84/	1	Shaft - Clutch (Not Shown)
4		V48531		84/	1	Plate - Separator - Replaces 48381
5		V48382		84/	2	Ring - Snap External
6				84/	1	Pin - Spring (Not Shown)
7				84/	1	Tube - Clutch Shaft (Not Shown)
8				84/	1	Plug - Pipe 3/4" NPTF (Not Shown)
9		V55426		84/	1	Pin - Dowel
10		V78651		84/	1	Hub Sub Assembly - Clutch Final Includes: 11-16
11		V78652		84/	1	Hub Sub Assembly (Not Shown)
12		V48391	1860881	84/	13	Plate Assembly - Clutch
13		V48393	1860893	84/	1	Plate - Clutch Backing
14		V48394	1860895	84/	1	Ring - Snap External
15		V48395	1860894	84/	1	Ring - Snap Internal
16		V48392	1860891	84/	12	Plate - Clutch External
17		V48396	1860896	84/	4	Ring - Split Retainer
18		V48397		84/	1	Ring - Snap Internal
19		V55425		84/	2	Ring - Seal Step Joint
20				84/	1	Housing - Piston
21		V48384		84/	1	Ring - Seal O Type
22		V48386	1860854	84/	1	Ring - Seal Lathe Cut
23		V48388	1860853	84/	1	Ring - Snap Internal
24		V48387	1860884	84/	1	Piston - Clutch
25		V88858		84/	1	Hub Assembly - Brake Includes: 26-31
26		V78657		84/	1	Hub - Brake (Not Shown)
27				84/	2	Plate - Clutch (Not Shown)
28		V48391	1860881	84/	3	Plate Assembly - Clutch
29		V48406	1860880	84/	1	Plate - Backing
30				84/	2	Pin - Spring (Not Shown)
31		V48404	1860879	84/	1	Ring - Snap External
32		V49065		84/	1	Gear Drum Assembly - Replaces 49068
33		V48398	1860893	84/	4	Washer - Thrust
34		V48399		84/	2	Bearing - Needle Thrust
35				84/	2	Bearing - Caged Roller
36				84/	1	Spacer - Bearing
37		V55422	1860877	84/	3	Ring - Seal Piston Hook

NSS - Not Serviced Separately

835 TRACTOR

FIGURE 7M2 - HYDRUALIC PTO CLUTCH 80-83



835 TRACTOR

FIGURE 7M2 - HYDRAULIC PTO CLUTCH 80-83
 HYDRAULISCHE ANTRIEBSWELLENKUPPLUNG
 EMBRAYAGE DE PRISE DE FORCE HYDRAULIQUE
 EMBRAGUE DE LA TOMA DE FUERZA HIDRÁULICO

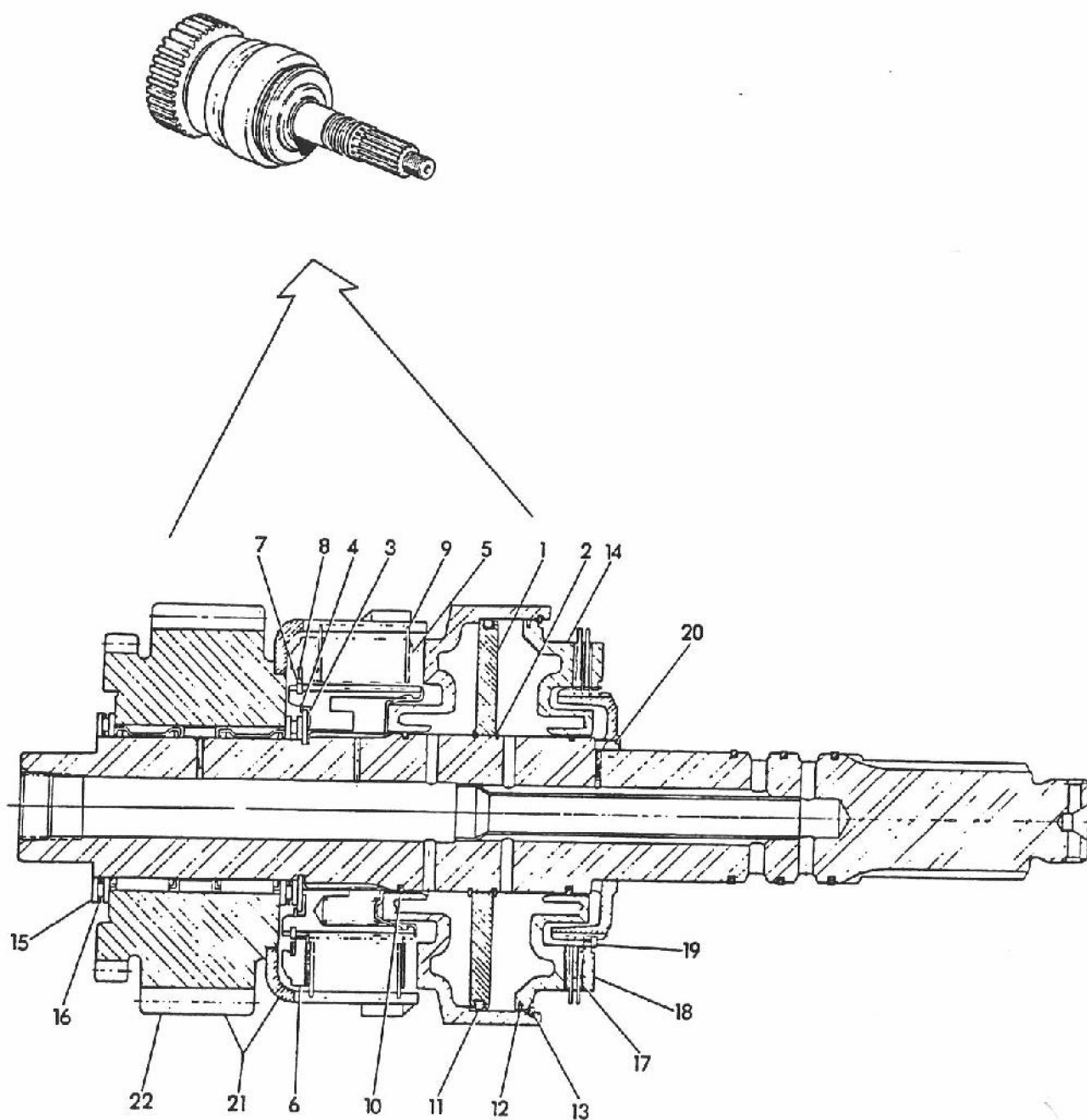
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V56040 V48531 V57306		80-83/ 80-83/ 80-83/	1 1 AR	Clutch - Hydraulic PTO Plate - Separator - Replaces 48381 Clutch Pack Assembly Includes: 2, 3, 10-14 & 24
2		V48382	1860885	80-83/	2	Ring - Snap External
3		V48396	1860896	80-83/	4	Ring - Split Retainer
4		V48397		80-83/	1	Ring - Snap Internal
5		V48391	1860881	80-83/	13	Plate Assembly - Internal Splined
6		V48393	1860893	80-83/	1	Plate - Clutch Backing
7		V48394	1860895	80-83/	1	Ring - Snap External
8		V48395	1860894	80-83/	1	Ring - Snap Internal
9		V48392	1860891	80-83/	12	Plate - Clutch Exterior Spline
10		V55425		80-83/	2	Ring - Seal Step Joint
11		V48384	1860855	80-83/	1	O-Ring
12		V48386	1860854	80-83/	1	Ring - Seal Lathe Cut
13		V48388	1860853	80-83/	1	Ring - Snap Internal
14		V48387	1860884	80-83/	1	Piston - Clutch
15		V48398		80-83/	4	Washer - Thrust
16		V48399		80-83/	2	Bearing - Needle Thrust
17		V48391	1860881	80-83/	3	Plate - Assembly Clutch
18		V48406	1860880	80-83/	1	Plate - Backing
19		V48404	1860879	80-83/	1	Ring - Snap External Spirolox
20		V49065		80-83/	1	Gear - Drum Assembly - Replaces 49068
21	NS	V49533		80-83/	1	Gear - Helical 34T - 40T
22		V55422	1860877	80-83/	1	Ring - Seal Piston Hook Type
23		V55426		80-83/	1	Pin - Dowel
24	NS	V57305		80-83/	1	Shaft Assembly - Clutch

AR - As Required

NS - Not Serviced

835 TRACTOR

FIGURE 7M3 - HYDRAULIC PTO CLUTCH 78-79



835 TRACTOR

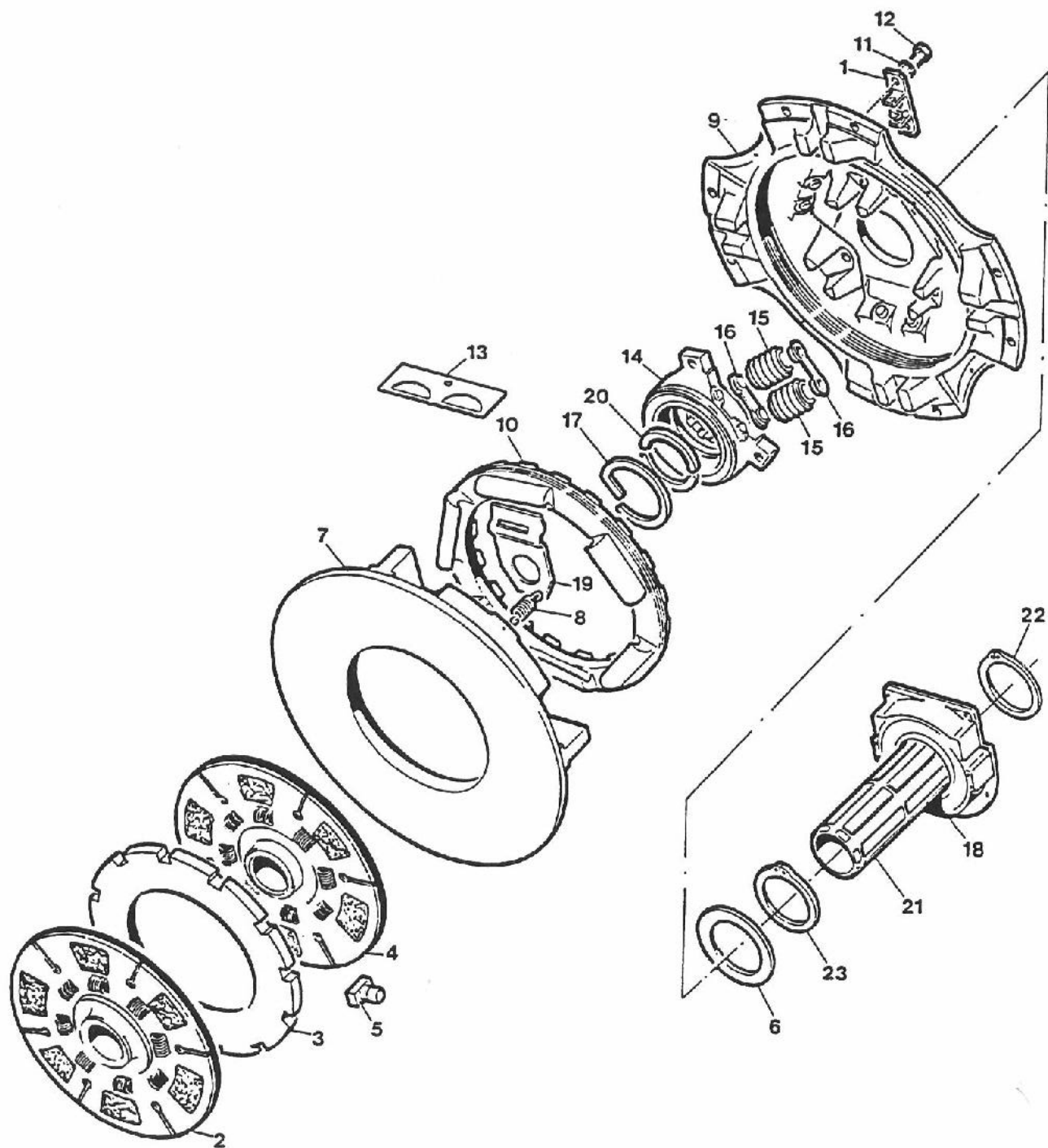
FIGURE 7M3 - HYDRAULIC PTO CLUTCH 78-79
 HYDRAULISCHE ANTRIEBSWELLENKUPPLUNG
 EMBRAYAGE DE PRISE DE FORCE HYDRAULIQUE
 EMBRAGUE DE LA TOMA DE FUERZA HYDRAÚLICO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V49065		78-79/	1	Clutch - Hydraulic PTO
		V48531		78-79/	1	Plate - Separator - Replaces 48381
2		V48382	1860885	78-79/	2	Ring - Snap External
3		V48396	1860896	78-79/	4	Ring - Split Retainer
4		V48397		78-79/	1	Ring - Snap Internal
5		V48391	1860881	78-79/	13	Plate Assembly - Internal Splined
6		V48393	1860893	78-79/	1	Plate - Clutch Backing
7		V48394	1860895	78-79/	1	Ring - Snap External
8		V48395	1860894	78-79/	1	Ring - Snap Internal
9		V48392	1860891	78-79/	12	Plate - Clutch Exterior Spline
10		V48383		78-79/	2	Ring - Seal Step Joint
11		V48384	1860855	78-79/	1	O-Ring
12		V48386	1860854	78-79/	1	Ring - Seal Lathe Cut
13		V48388	1860853	78-79/	1	Ring - Snap Internal
14		V48387	1860884	78-79/	1	Piston - Clutch
15		V48398		78-79/	4	Washer - Thrust
16		V48399		78-79/	2	Bearing - Needle Thrust
17		V48391	1860881	78-79/	3	Plate - Assembly Clutch
18		V48406	1860880	78-79/	1	Plate - Backing
19		V48404	1860879	78-79/	1	Ring - Snap External Spirolox
20		V48405		78-79/	1	Ball - Steel
21	NS	V49068		78-79/	1	Gear - Drum Assembly
22	NS	V49533		78-79/	1	Gear - Helical 34T - 40T - Replaces TR-49533

NS - Not Serviced

835 TRACTOR

FIGURE 7N1 - CLUTCH COVER PLATE - PTO



835 TRACTOR

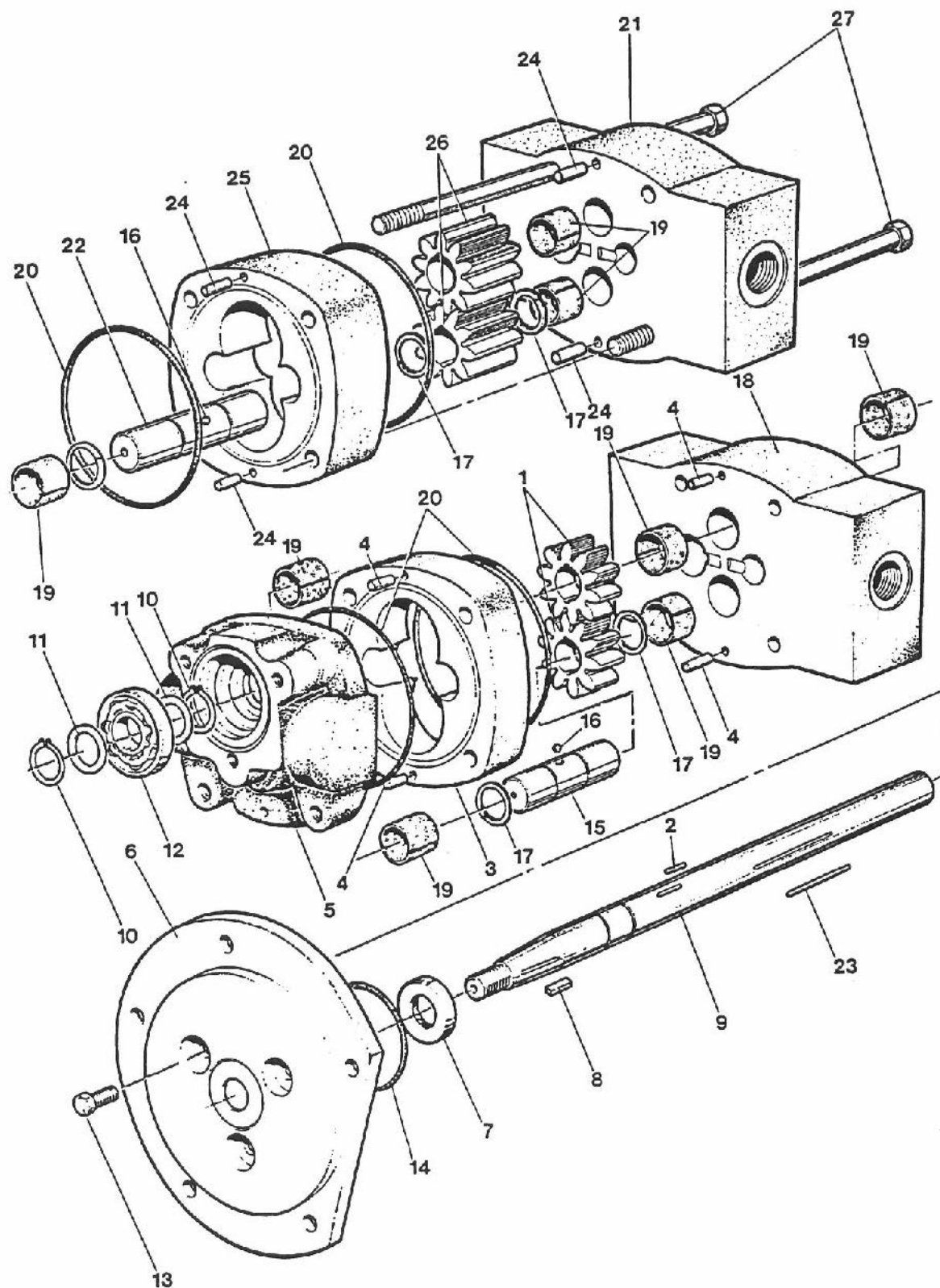
FIGURE 7N1 - CLUTCH COVER PLATE - PTO
 KUPPLUNG DECKELPLATTE - ZAPFWELLE
 PLAQUE DE COUVERCLE DE EMBRAYAGE - PRISE DE FORCE
 PLACA DE CUBIERTA DE EMBRAGUE - TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V103627		80-84/	1	Cover Assembly Includes: 1, 6-12 & 14-23
1		V103652		78-79/	1	Cover Assembly - Replaces 51416
		V56138	1861636	80-84/	1	Adjuster Assembly
		V31488		78-79/	1	Adjuster Assembly
2		V32392		78-84/	1	Disc - Complete Front Driven
3		V32391		78-84/	1	Plate - Intermediate
4		V32390		78-84/	1	Disc - Complete Rear Driven
5		V16204		78-84/	6	Pin - Drive
6		V51762		78-84/	1	Ring
7		V16206		78-84/	1	Plate - Pressure
8		V16207	1861643	78-84/	4	Spring - Return
9		V51757		78-84/	1	Ring - Flywheel
10		V108924		78-84/	1	Kit - Ring Adjusting - Replaces 53352 & 53353
11		V12304	1861635	78-84/	2	Washer - Lock Internal Tooth 3/8" ID
12		V12298	1861634	78-84/	2	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 5/8"
13		V32393		78-84/	3	Spring - Anti-Rattle
14		V51758		78-84/	1	Retainer & Sleeve Spring Assembly
15		V53521	1861638	78-84/	6	Spring - Pressure
16		V16220	1861639	78-84/	6	Pivot - Spring Pressure
17		V16223	1861642	78-84/	1	Ring - Snap
18		V51388	1861633	78-84/	1	Bearing & Housing Assembly
19	NS	V53353		78-84/	6	Lever
20		V51763		78-84/	2	Ring - Release Sleeve
21		V70970		78-84/	1	Sleeve - Replaces 51759
22		V51761		78-84/	1	Ring - Snap
23		V51760		78-84/	1	Ring - Release Sleeve

NS - Not Stocked

835 TRACTOR

FIGURE 701 - HYDRAULIC PUMP - PTO



835 TRACTOR

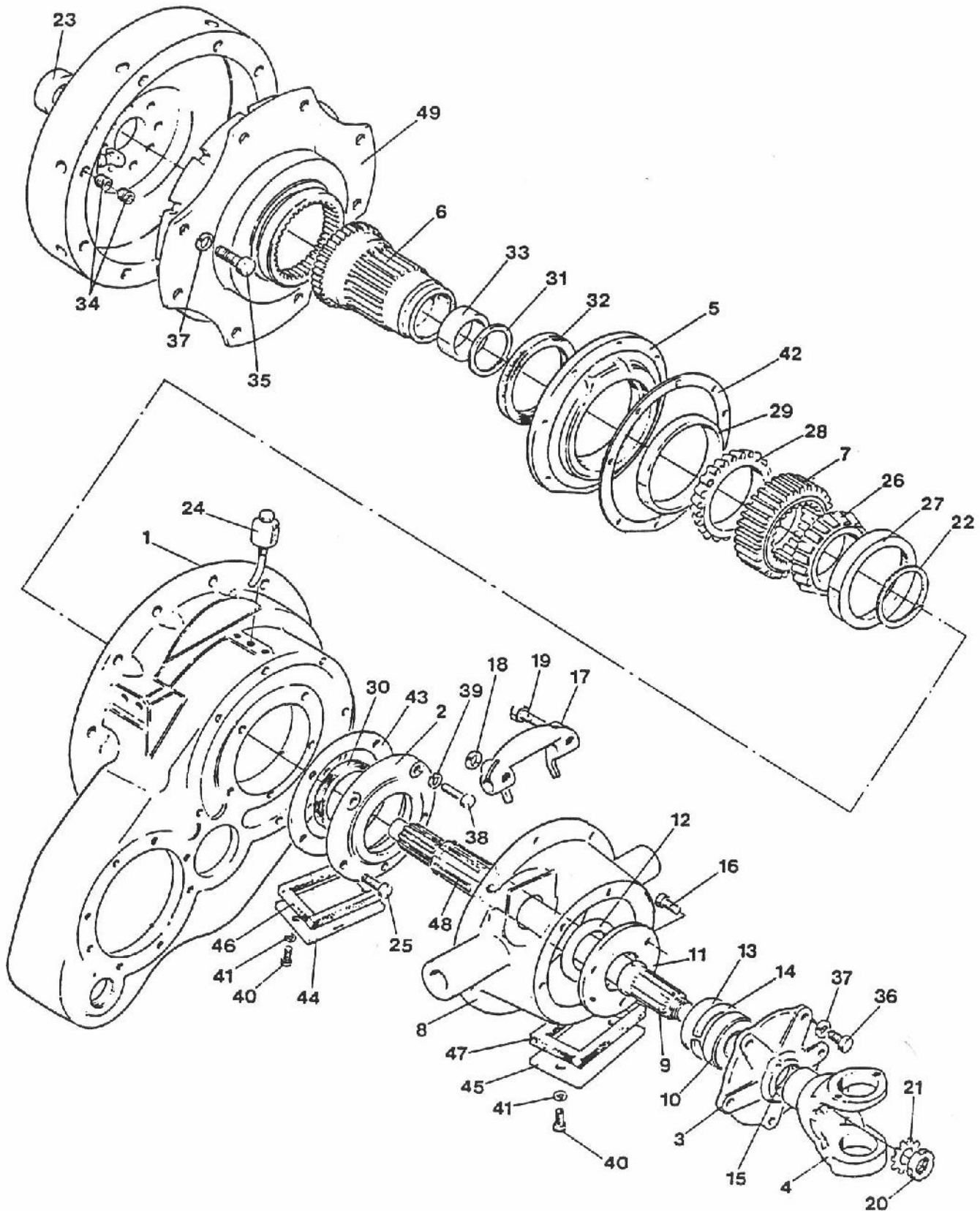
FIGURE 701 - HYDRAULIC PUMP - PTO
 HYDRAULIK PUMPE - ZAPFWELLE
 POMPE HYDRAULIQUE - PRISE DE FORCE
 BOMBA HIDRÁULICA - TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V49415		82-84/	1	Pump - Hydraulic Dual
2		V60477		82-84/	2	Gear
3		V50863		82-84/	1	Pin - Dowel 1/8" x 1/2"
4		V60476		82-84/	1	Case
5		V50845		82-84/	4	Pin - Dowel 1/4" x 3/4"
6		V60475		82-84/	1	Plate - Drive
7		V60474		82-84/	1	Flange - Adaptor
8		V60473		82-84/	1	Seal - Oil
		V60480		82-84/	1	Key - Square 5/32" x 1/2"
9		V60472		82-84/	1	Driveshaft
10		V2708	3975857	82-84/	2	Ring - Retainer
11		V60479		82-84/	2	Washer - 5/8" ID x 7/8" OD x 1/16"
12		V50847		82-84/	1	Bearing - Ball
13		V50841	1861789	82-84/	3	Screw - Cap Hex Grade 8 5/16" - 18 UNC x 7/8"
14		V50842	1861790	82-84/	1	O-Ring 1-5/8" ID
15		V60471		82-84/	1	Shaft - Idler
16		V60470		82-84/	2	Bearing - Ball
17		V60469		82-84/	4	Ring - Retainer
18				82-84/	1	Spacer
19				82-84/	8	Bushing - Split
20		V50489		82-84/	4	O-Ring
21		V60467		82-84/	1	Plate - End
22		V60466		82-84/	1	Shaft - Idler
23		V50844	1861791	82-84/	1	Pin - Dowel 1/8" x 3/4"
24		V50846		82-84/	4	Pin - Dowel 1/4" x 1"
25		V60465		82-84/	1	Case
26		V60464		82-84/	2	Gear
27		V60478		82-84/	4	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 7"
		V90343		84/	AR	Kit - Seal Includes: 7, 14 & 20

AR - As Required

835 TRACTOR

FIGURE 7P1 - DROPBOX - PTO



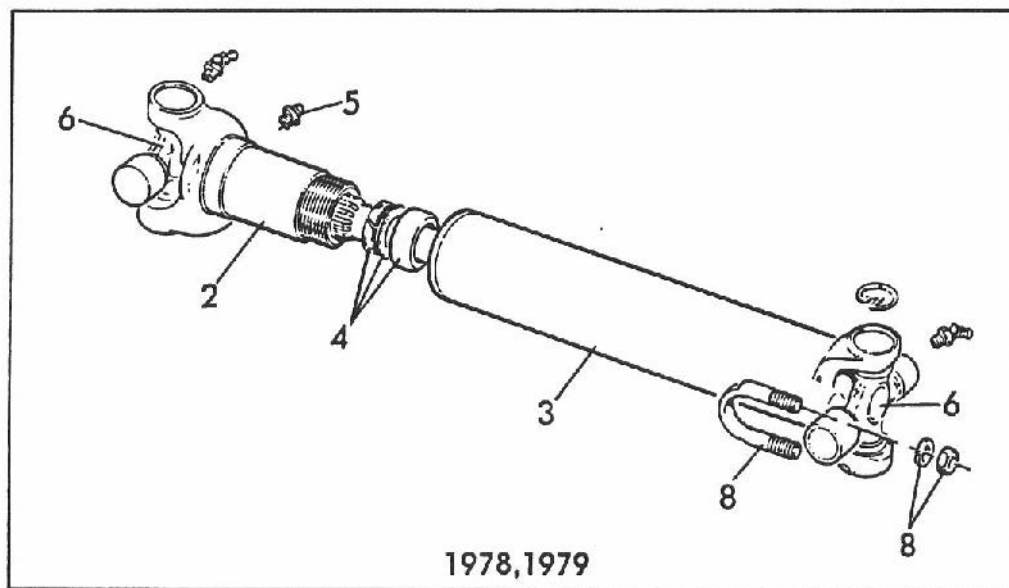
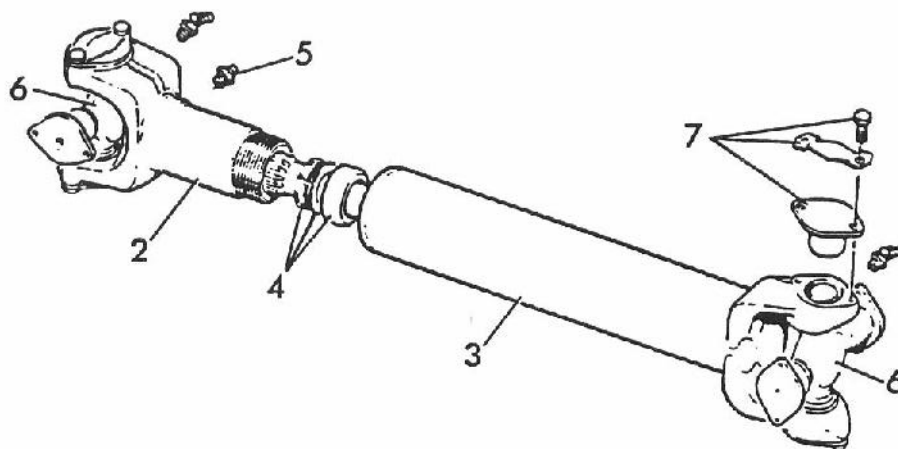
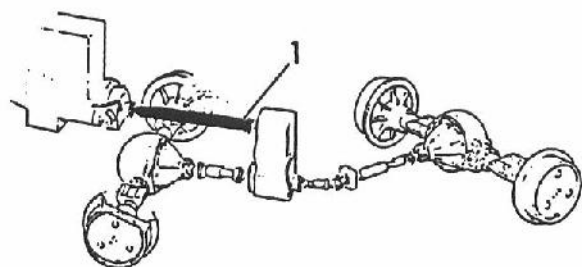
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FIGURE 7P1 - DROPBOX - PTO
 SENKENGEHÄUSE - ZAPFWELLE
 CAISSONDESCENTE - PRISE DE FORCE
 CAJAGOTA - TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V48240		78-84/	1	Gear - Spur 21T
2		V48610		78-84/	4	Gasket - PTO Box .020
		V48611		78-84/	4	Gasket - PTO Box .003
		V48612		78-84/	4	Gasket - PTO Box .005
		V48609		78-84/	4	Gasket - PTO Box .010
3		V48605	1860579	78-84/	4	Cup - Bearing
4		V48606	1860580	78-84/	4	Cone - Bearing
5		V48242		78-84/	1	Shaft - Input
6		V48415		78-84/	3	Cap - Countershaft
7		V32997		78-84/	1	Countershaft
8		V12096	3975923	79,81-84/	24	Screw - Cap Hex 7/16" - 14 UNC x 1-1/4"
		V14056		78,80/	28	Screw - Cap Hex Head 7/16" - 14 UNC x 1"
9		V12091	3975920	78-84/	28	Washer - Lock Helical Spring 7/16" ID
10		V48241		78-84/	2	Gear - Spur 43T
11		V17370	3975990	78-84/	2	Cup - Bearing
12		V33317			2	Cone - Bearing
13		V32998	1862615	78-84/	1	Shaft - Output
14		V16275	1862611	78-84/	1	Seal - Oil
15		V33297		78-84/	1	Cap - Output Shaft
16		V33320	1862606	78-84/	2	Gasket - Output Shaft .002
		V33321	1862607	78-84/	2	Gasket - Output Shaft .003
		V33322	1862608	78-84/	2	Gasket - Output Shaft .005
		V33323	1862609	78-84/	2	Gasket - Output Shaft .010
		V33965	1862610	78-84/	2	Gasket - Output Shaft .020
17		V48414		78-84/	1	Cap - Bearing Input Shaft
18		V49510		78-84/	1	Yoke - End 1550 Series
19		V915T103	1860578	78-84/	1	Seal - Oil
20		V800T034	1860311	78-84/	1	Washer - Plain 1-5/16" ID x 2-1/4" OD x 1/8"
21		V17442		78-84/	1	Pin - Cotter 5/32" Dia x 2"
22		V805T079		78-84/	1	Nut - Hex Slotted 1-1/4" - 18 UNC - Replaces 603T117
23		V33298		78-84/	1	Cap - Output Shaft
24		V33312		78-84/	2	Gasket
25		V31393	1860525	78-84/	4	Plug - Expansion
26		V48325		78-84/	1	Housing - PTO Dropbox
27		V33337		78-84/	1	Shield - Master
28		V50290		78-84/	1	Plug - Magnetic 3/4" NPT - Replaces 613T132
29		V52645		78-84/	1	Cover - PTO Box
30		V52644		78-84/	1	Cover - PTO Box
31		V12610	3975949	78-84/	1	Plug - 1/4" NPT
32		V48608		78-84/	1	Stud - 1 - 8 UNC x 4
33		V48607		78-84/	2	Stud - 1 - 8 UNC x 4.5
34		V12050	3975911	78-84/	14	Screw - Cap Hex 3/8" - 16 UNC x 1"
35		V12011	3975908	78-84/	16	Washer - Lock Helical Spring 3/8" ID
36		V12062		78-84/	3	Washer - Plain 1" ID x 2" OD x 10 GA
37		V710T136		78-84/	3	Nut - Self-Locking 1 - 8 UNC - Replaces 710T136P
38		V48910		78-84/	3	Spacer - PTO Box
39		V26156	1861087	79-84/	4	Screw - Cap Hex 7/16" - 14 UNC x 3/4"
40		V58098		81-84/	1	Bracket - Hose Coupler

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FIGURE 7R1 - ENGINE TO TRANSMISSION DRIVELINE



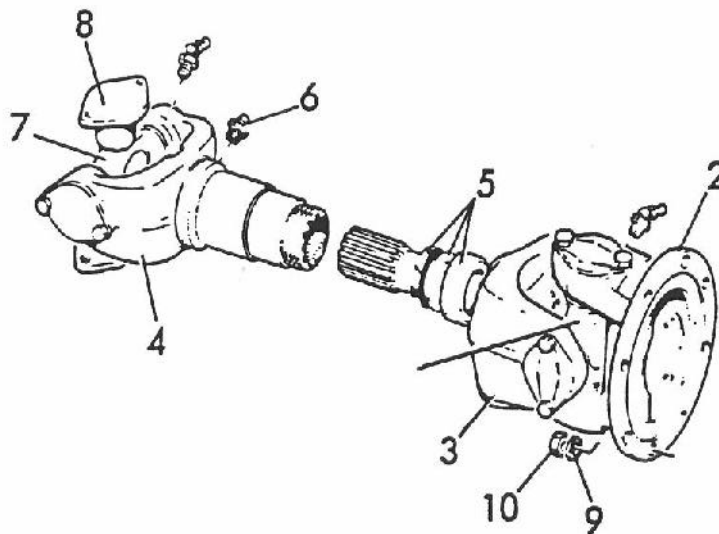
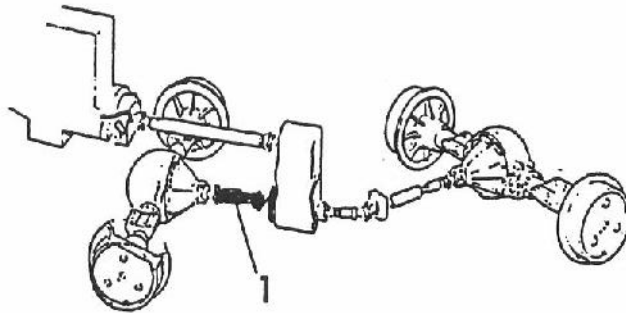
835 TRACTOR

FIGURE 7R1 - ENGINE TO TRANSMISSION DRIVELINE
 MOTOR ZU GETRIEBE ANTRIEBLINIE
 MOTEUR A LIGNE DE ENTRAÎNEMENT DE TRANSMISSION
 MOTOR A LINEA DE PROPULSION DE TRANSMISIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V20851		78-81,83-8	1	Driveline Assembly Includes: 1-6
		V32006		82/	1	Driveline Assembly Includes: 1-6
1		V614T114V11		78-81,83-8	1	Slip Yoke Assembly
		V17478		82/	1	Slip Yoke Assembly
2		V25660		78-81,83-8	1	Tube Assembly
		V32389		82/	1	Tube Assembly
3		V614T179		78-81,83,8	1	Kit - Seal Repair
		V614T177		82/	1	Kit - Seal Repair
4		V8005	3975896	78-84/	1	Fitting - Grease 1/8" NPT
5		V107231		78-81,83-8	2	Kit - Cross Bearing - Replaces 902T110V11 Includes: 6
		V902T111V11		82/	2	Kit - Cross Bearing Includes: 6
6				80-81,83-8	4	Bearing Assembly
				82/	4	Bearing Assembly
7		V32941		78-79/	4	U-Bolt Assembly - Replaces 902T105V51

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FIGURE 7R2 - TRANSMISSION TO FRONT AXLE DRIVELINE



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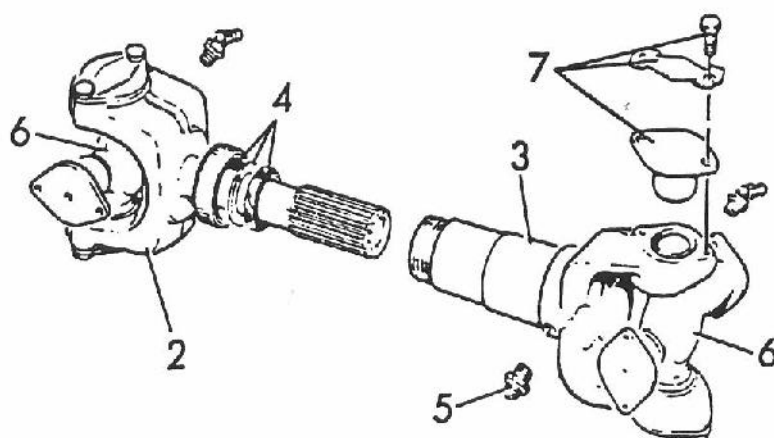
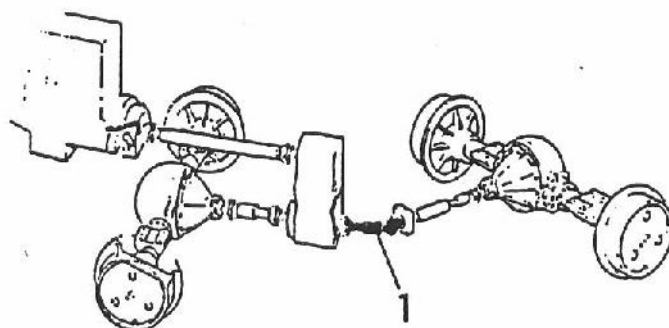
FIGURE 7R2 - TRANSMISSION TO FRONT AXLE DRIVELINE
 GETRIEBE ZU VORDERACHSE ANTRIEBLINIE
 TRANSMISSION A LIGNE DE ENTRAÎNEMENT DE ESSIEU AVANT
 TRANSMISIÓN A LINEA DE PROPULSION DE EJE DELANTERO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V15185		78-81,83-8	1	Driveline Assembly Includes: 1-7
		V36027		82/	1	Driveline Assembly Includes: 1-7
1		V17481		78-81,83-8	1	Flange - Companion
		V36468		82/	1	Flange - Companion
2		V17483		78-84/	1	Tube Assembly
3		V614T115V11		78-81,83-8	1	Yoke Assembly
		V36469		82/	1	Slip Yoke Assembly
4		V614T177		78-84/	1	Kit - Seal Repair
5		V8005	3975896	78-84/	1	Fitting - Grease 1/8" NPT
6		V902T111V11		78-84/	2	Kit - Cross Bearing - Replaces 63362 Includes: 7
7	(1)			83-84/	4	Bearing Assembly
8		V12011	3975908	78-84/	8	Washer - Lock Helical Spring 3/8" ID
9		V12035	1859756	78-84/	8	Nut - Hex 3/8" - 24 UNF

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FIGURE 7R3 - TRANSMISSION TO STEADY BEARING DRIVELINE



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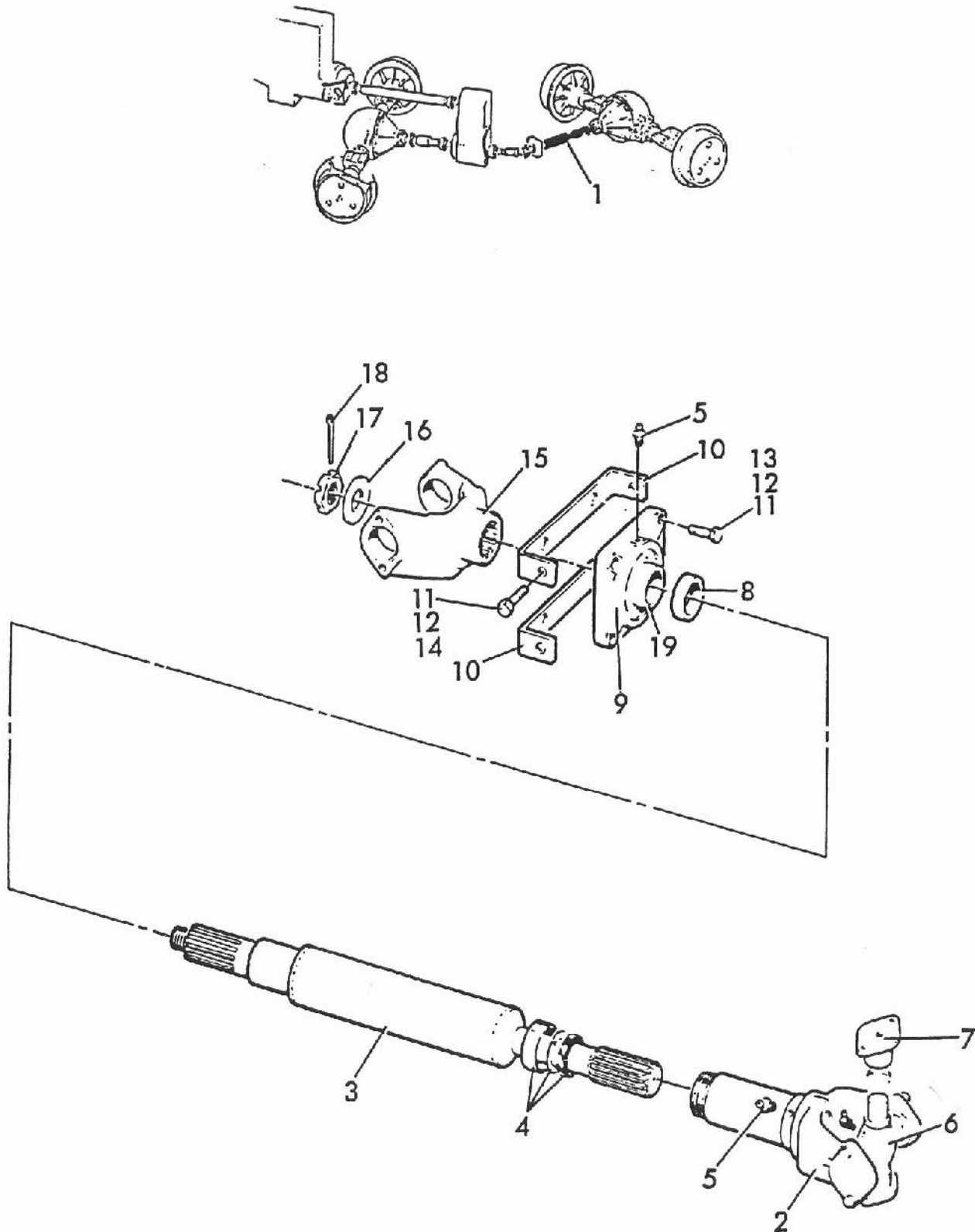
FIGURE 7R3 - TRANSMISSION TO STEADY BEARING DRIVELINE
 GETRIEBE ZU STELIG-LAGER ANTRIEBLINIE
 TRANSMISSION A LIGNE DE ENTRAÎNEMENT DE PALIER STABILISATEUR
 TRANSMISIÓN A LINEA DE PROPULSION DE COJINETE ESTABLE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V13503		78-84/	1	Driveline Assembly Includes: 1-6
1		V17483		78-84/	1	Slip Yoke Assembly
2		V17482		78-84/	1	Sleeve Yoke Assembly
3		V614T177		78-84/	1	Kit - Seal Repair
4		V8005	3975896	78-84/	1	Fitting - Grease 1/8" NPT
5		V902T111V11		78-84/	2	Kit - Cross Bearing - Replaces 63362 Includes: 6
6	(1)			83-84/	4	Bearing Assembly

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FIGURE 7R4 - STEADY BEARING TO REAR AXLE DRIVELINE



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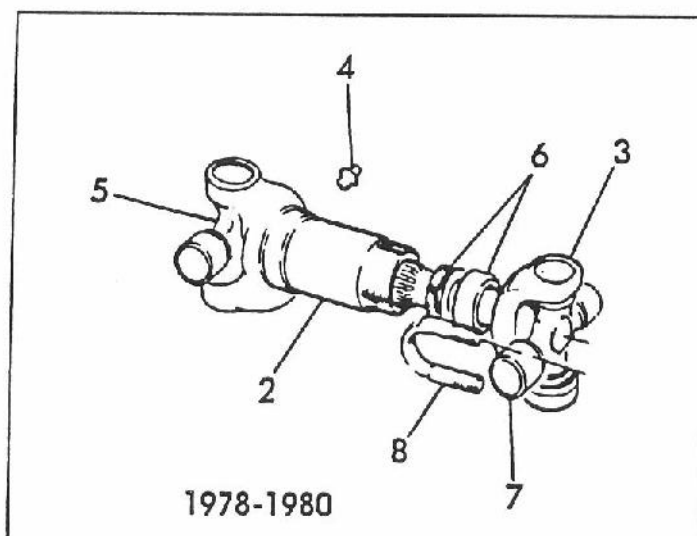
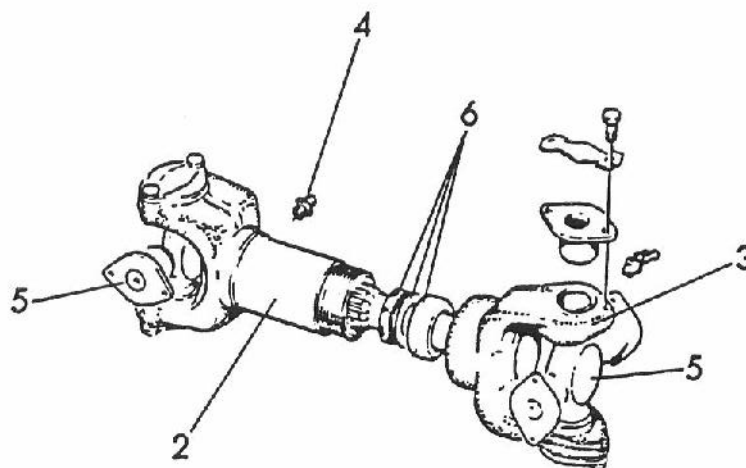
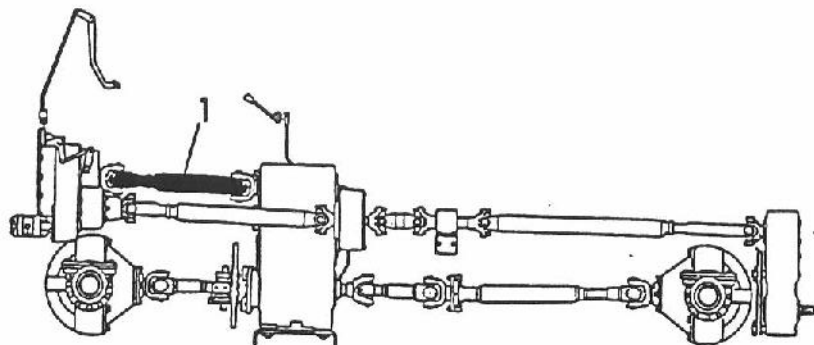
FIGURE 7R4 - STEADY BEARING TO REAR AXLE DRIVELINE
 STELIG-LAGER ZU HINTERACHSE ANTRIEBLINIE
 PALIER STABILISATEUR A LIGNE DE ENTRAINEMENT DE PONT ARRIERE
 COJINETE ESTABLE A LINEA DE PROPULSION DE EJE TRASERO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V15186		78-81,83-8	1	Driveline Assembly Includes: 1-6
		V36028		82/	1	Driveline Assembly Includes: 1-6
1		V17478		78-84/	1	Sleeve Yoke Assembly
2		V17479		78-81,83-8	1	Stub Shaft Assembly
		V36337		82/	1	Stub Shaft Assembly
3		V614T177		78-84/	1	Kit - Seal Repair
4		V8005	3975896	78-84/	2	Fitting - Grease 1/8" NPT
5		V902T111V11		78-84/	2	Kit - Cross Bearing - Replaces 63362 Includes: 6
6	(1)			83-84/	4	Bearing Assembly
7		V15188		78-84/	1	Spacer - Flange Bearing Unit
8		V31549		78-84/	1	Flange - Bearing Unit Includes: 4 & 18
9		V14343		78-84/	2	Bracket - Bearing Support
10		V12112	1861590	78-84/	8	Nut - Hex 5/8" - 11 UNC
11		V12110		78-84/	8	Washer - Lock Helical Spring 5/8" ID
12		V12111		78-84/	4	Screw - Cap Hex 5/8" - 11 UNC x 2"
13		V12638		78-84/	4	Screw - Cap Hex 5/8" - 11 UNC x 1-3/4"
14		V13317		78-84/	1	Yoke - End
15		V13309	1860323	78-84/	1	Washer - Shaft Nut 2-3/4" OD
16		V33612		78-84/	1	Nut - Shaft 1-1/4" - 18 UNS - Replaces 13308
17		V12820		78-84/	1	Pin - Cotter 1/8" Dia x 2"
18		V32664		78-84/	1	Bearing

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FIGURE 7R5 - ENGINE TO TRANSMISSION DRIVELINE W/PTO



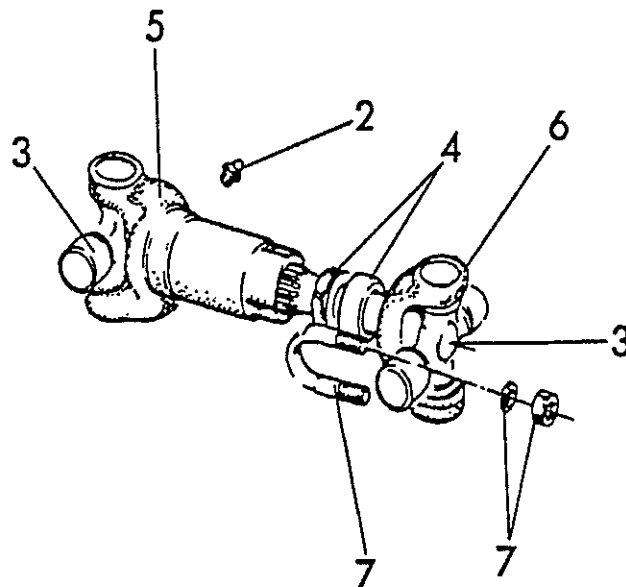
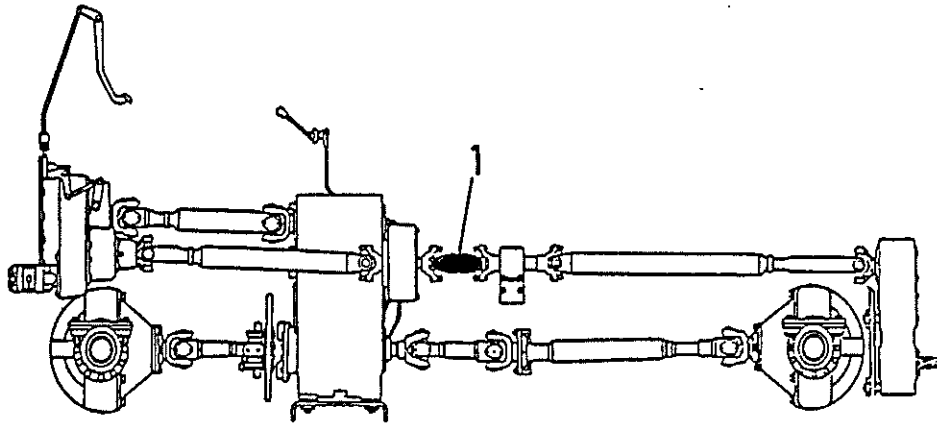
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FIGURE 7R5 - ENGINE TO TRANSMISSION DRIVELINE W/PTO
 MOTOR ZU GETRIEBE ANTRIEBLINIE MIT ZAPFWELLE
 MOTEUR A LIGNE DE ENTRAÎNEMENT DE TRANSMISSION AVEC PRISE DE FORCE
 MOTOR A LINEA DE PROPULSION DE TRANSMISIÓN CON TOMA DE FUEZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
				80-84/	1	Driveline - Motor to Transmission Includes: 1-5
		V49003		79/	1	Driveline - Motor to Transmission Includes: 1-5
		V40008		78,80/	1	Driveline - Motor to Transmission Includes: 1-5
1		V54045		78-84/	1	Slip Yoke Assembly
2		V51984		78-84/	1	Shaft Yoke Assembly
3		V8005	3975896	78-84/	1	Fitting - Grease 1/8" NPT
4		V107231		78-80/	1	Kit - Cross Bearing - Replaces 902T111V11
		V902T110V11		81-84/	2	Kit - Cross Bearing
5		V614T177		78-80/	1	Kit - Seal Repair
		V614T179		81-84/	1	Kit - Seal Repair
6		V107231		78-80/	1	Kit - Cross Bearing - Replaces 902T110V11
7		V39241		78-80/	2	U-Bolt Assembly - Replaces 902T105V51

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FIGURE 7R6 - TRANSMISSION TO STEADY BEARING DRIVELINE W/PTO



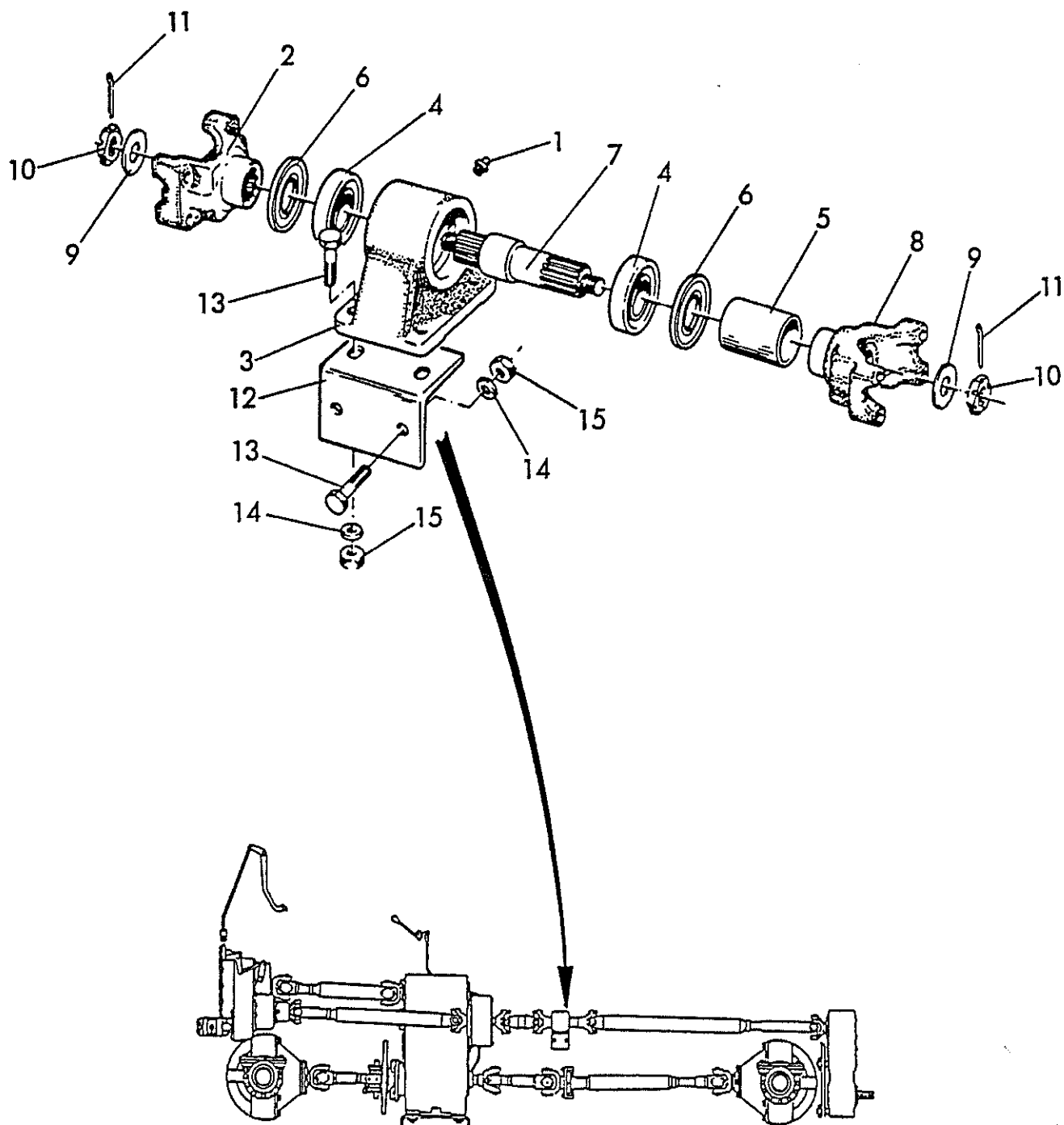
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FIGURE 7R6 - TRANSMISSION TO STEADY BEARING DRIVELINE W/PTO
 GETRIEBE ZU STELIG-LAGER ANTRIEBLINIE MIT ZAPFWELLE
 TRANSMISSION A LIGNE DE ENTRAÎNEMENT DE PALIER STABILISATEUR AVEC PRISE DE FORCE
 TRANSMISIÓN A LINEA DE PROPULSION DE COJINETE ESTABLE CON TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V49006		78-84/	1	Driveline - Transmission to Steady Bearing Includes: 1-5
1		V8005	3975896	78-84/	1	Fitting - Grease 1/8" NPT
2		V107231		78-84/	2	Kit - Cross Bearing - Replaces 902T110V11
3		V614T179		78-84/	1	Kit - Seal Repair
4		V51983		78-84/	1	Slip Yoke Assembly
5		V51984		78-84/	1	Shaft Yoke Assembly
6		V32941		78-84/	4	U-Bolt Assembly - Replaces 902T105V51

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FIGURE 7R7 - STEADY BEARING W/PTO



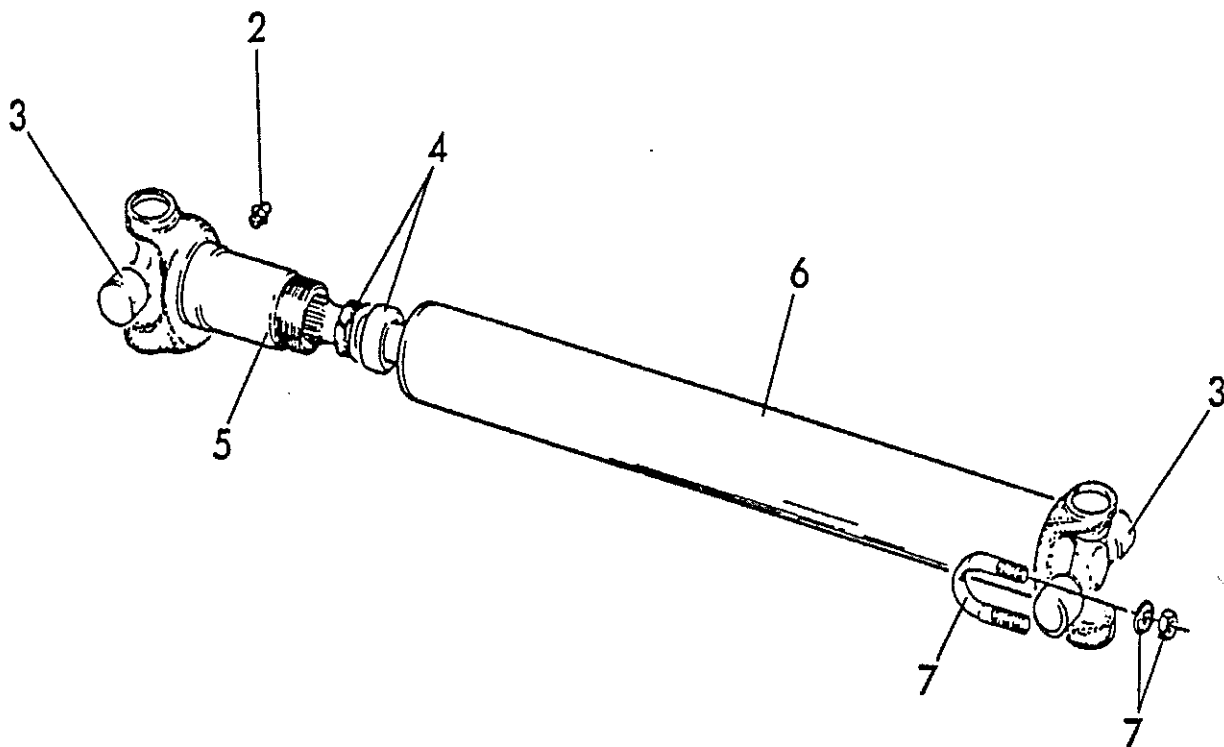
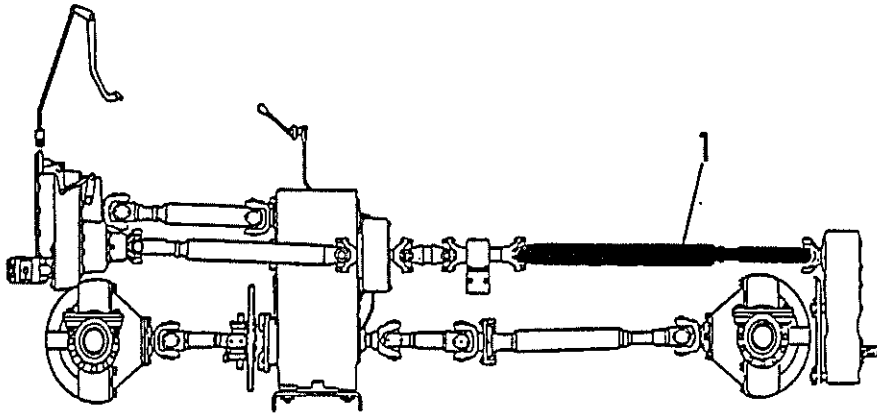
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FIGURE 7R7 - STEADY BEARING W/PTO
 STELIG-LAGER MIT ZAPFWELLE
 PALIER STABILISATEUR AVEC PRISE DE FORCE
 COJINETE ESTABLE CON TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V8005	3975896	78-84/	1	Fitting - Grease 1/8" NPT
2		V49481		78-84/	1	Yoke - End
3		V48238		78-84/	1	Housing
4		V26198	1861598	78-84/	2	Bearing
5		V49480		78-84/	1	Spacer
6		V25709	1861596	78-84/	2	Slinger
7		V48936		78-84/	1	Shaft
8		V49510		78-84/	1	Yoke - End
9		V800T034	1860311	78-84/	2	Washer - Plain 1-5/16" ID x 2-1/4" OD x 1/8"
10		V805T079		78-84/	2	Nut - Shaft 1-1/4" - 18 UNF
11		V17063		78-84/	2	Pin - Cotter 5/32" Dia x 2-1/4"
12		V49188		78-84/	2	Bracket
13		V12109		78-84/	8	Screw - Cap Hex Grade 5 5/8" - 11 UNC x 1-1/2"
14		V12110		78-84/	8	Washer - Lock Helical Spring 5/8" ID
15		V12112	1861590	78-84/	8	Nut - Hex 5/8" - 11 UNC

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FIGURE 7R8 - STEADY BEARING TO PTO DROPBOX DRIVELINE



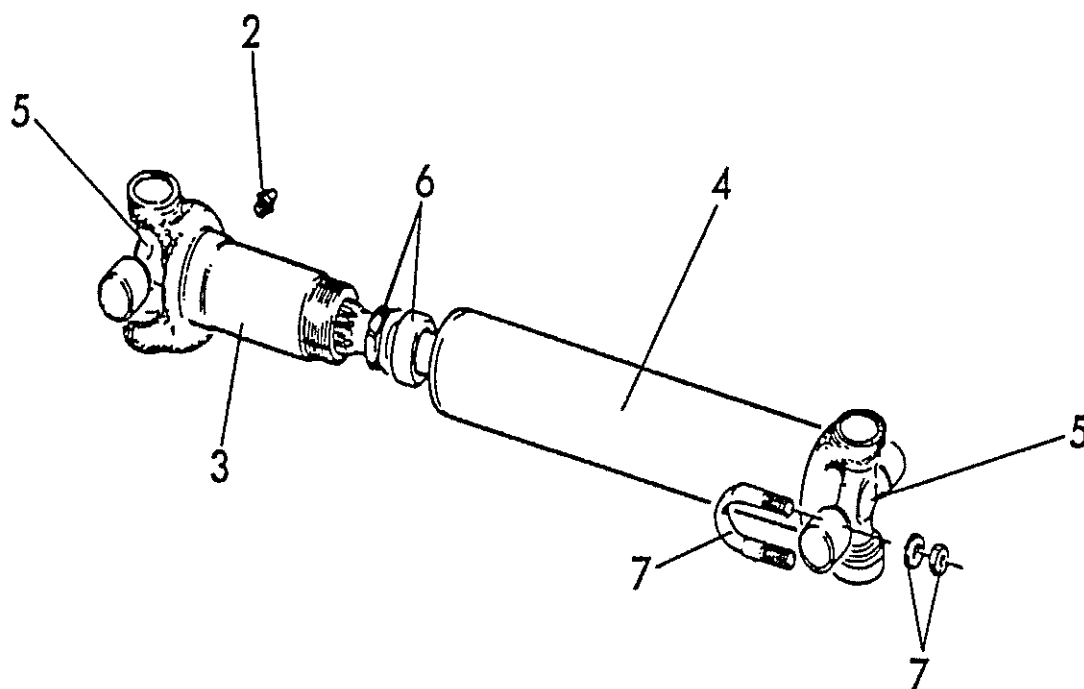
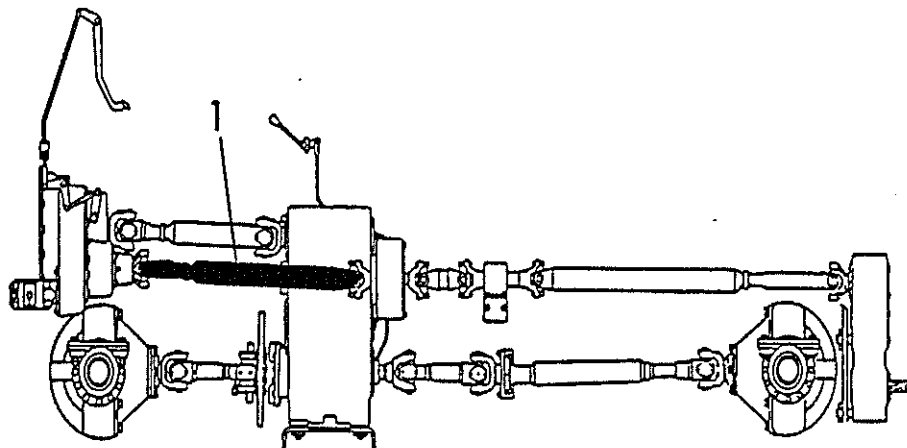
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FIGURE 7R8 - STEADY BEARING TO PTO DROPBOX DRIVELINE
 STELIG-LAGER ZU ZAPFWELLE SENKEN-GEHÄUSE ANTRIEBLINIE
 PALIER STABILISATEUR A LIGNE DE ENTRAINEMENT DE CAISSON DESCENTE DE PRISE DE
 COJINETE ESTABLE A LINEA DE PROPULSION DE CAJA GOTA DE TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V49007		78-84/	1	Driveline - Steady Bearing to PTO Dropbox
1		V8005	3975896	78-84/	1	Includes: 1-5
2		V107231		78-84/	1	Fitting - Grease 1/8" NPT
3		V614T179		78-84/	2	Kit - Cross Bearing - Replaces 902T110V11
4		V614T114V11		78-84/	1	Kit - Seal Repair
5		V51985		78-84/	1	Slip Yoke Assembly
6		V32941		78-84/	1	Tube Assembly
					4	U-Bolt Assembly - Replaces 902T105V51

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FIGURE 7R9 - ENGINE TO TRANSMISSION PTO GEARBOX DRIVELINE

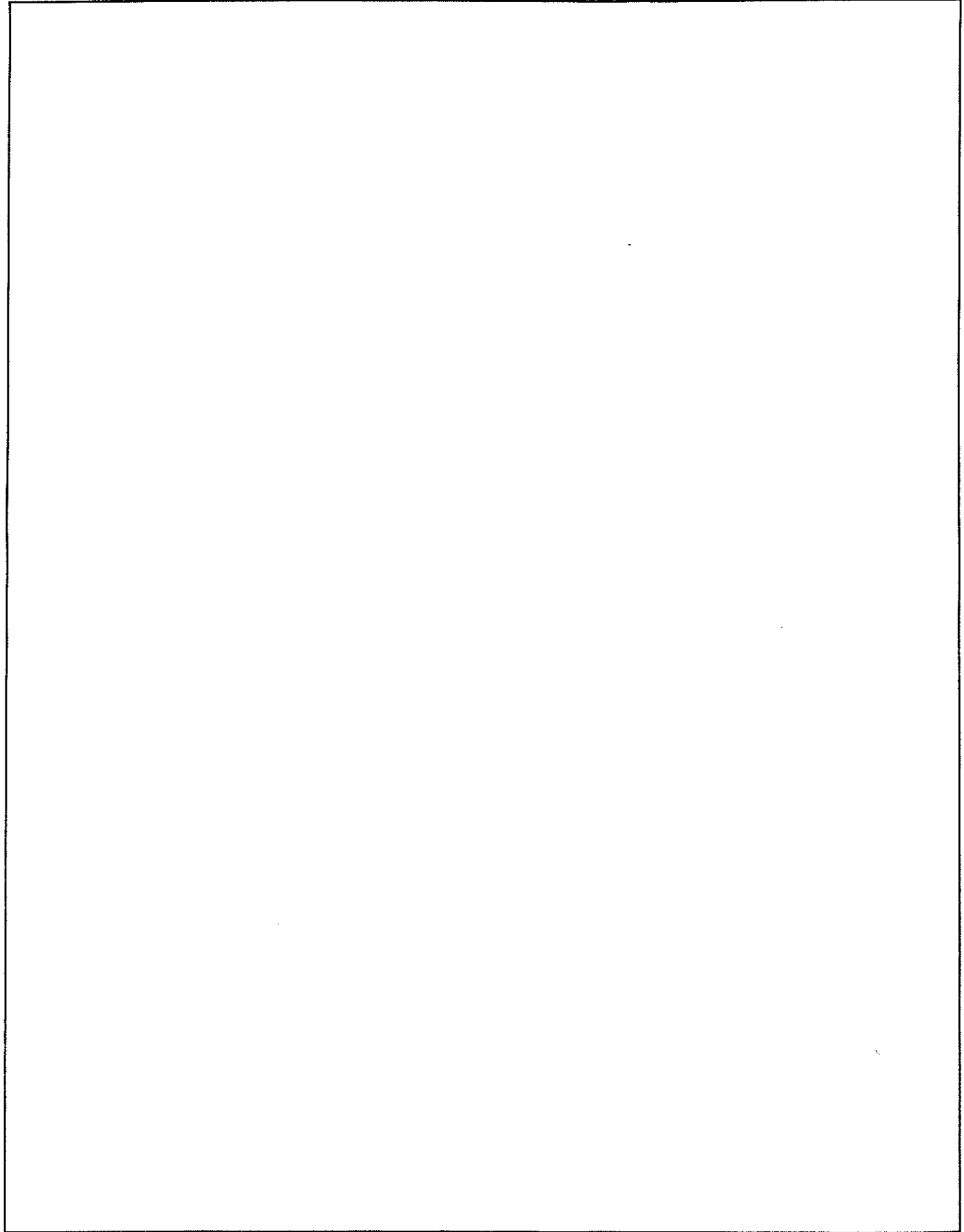


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FIGURE 7R9 - ENGINE TO TRANSMISSION PTO GEARBOX DRIVELINE
 MOTOR ZU GETRIEBE ZAPFWELLE ZAHNRAD - GEHÄUSE ANTRIEBLINIE
 MOTEUR A LIGNE DE ENTRAINEMENT DE BOITE DE VITESSES DE TRANSMISSION PRISE DE
 MOTOR A LINEA DE PROPULSION DE CAJA DE CAMBIOS DE TRANSMISION TOMA DE FUERZA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V49005		78-84/	1	Driveline - Engine to Transmission PTO Gearbox Includes: 1-5
1		V8005	3975896	78-84/	1	Fitting - Grease 1/8" NPT
2		V614T114V11		78-84/	1	Slip Yoke Assembly
3		V51982		78-84/	1	Tube Assembly
4		V107231		78-84/	2	Kit - Cross Bearing - Replaces 902T110V11
5		V614T179		78-84/	1	Kit - Seal Repair
6		V32941		78-84/	4	U-Bolt Assembly - Replaces 902T105V51

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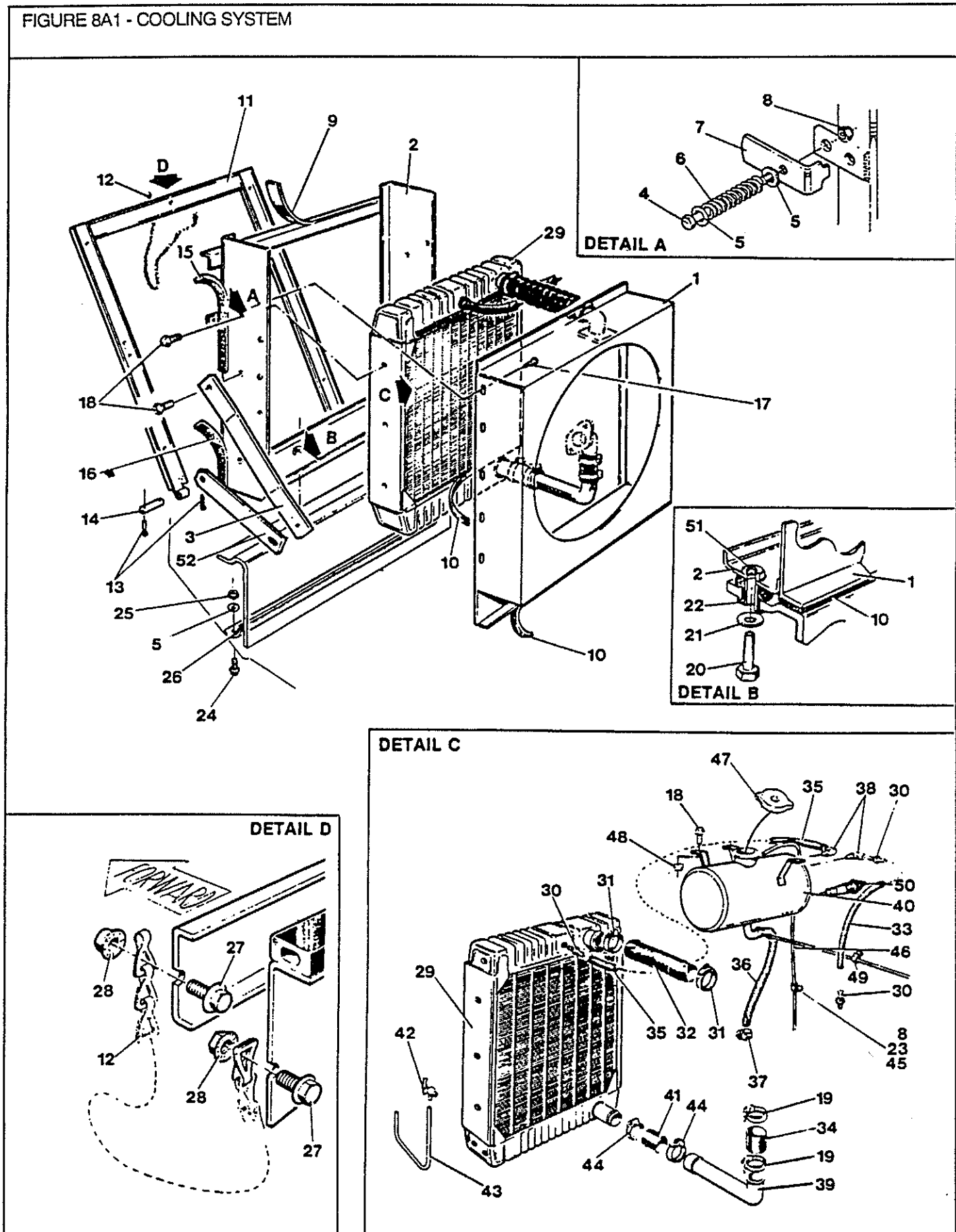
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SECTION 8 - COOLING SYSTEM SEKTION 8 - KÜHL SYSTEM SECTION 8 - SYSTÈME DE REFROIDISSEMENT SECCION 8 - SISTEMA DE ENFRIAMIENTO

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Pagina	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
8A1	Cooling System Kühlsystem Système de Refroidissement Sistema de Enfriamiento	8-3,5	

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FIGURE 8A1 - COOLING SYSTEM



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FIGURE 8A1 - COOLING SYSTEM
KÜHLSYSTEM
SYSTÈME DE REFROIDISSEMENT
SISTEMA DE ENFRIAMIENTO

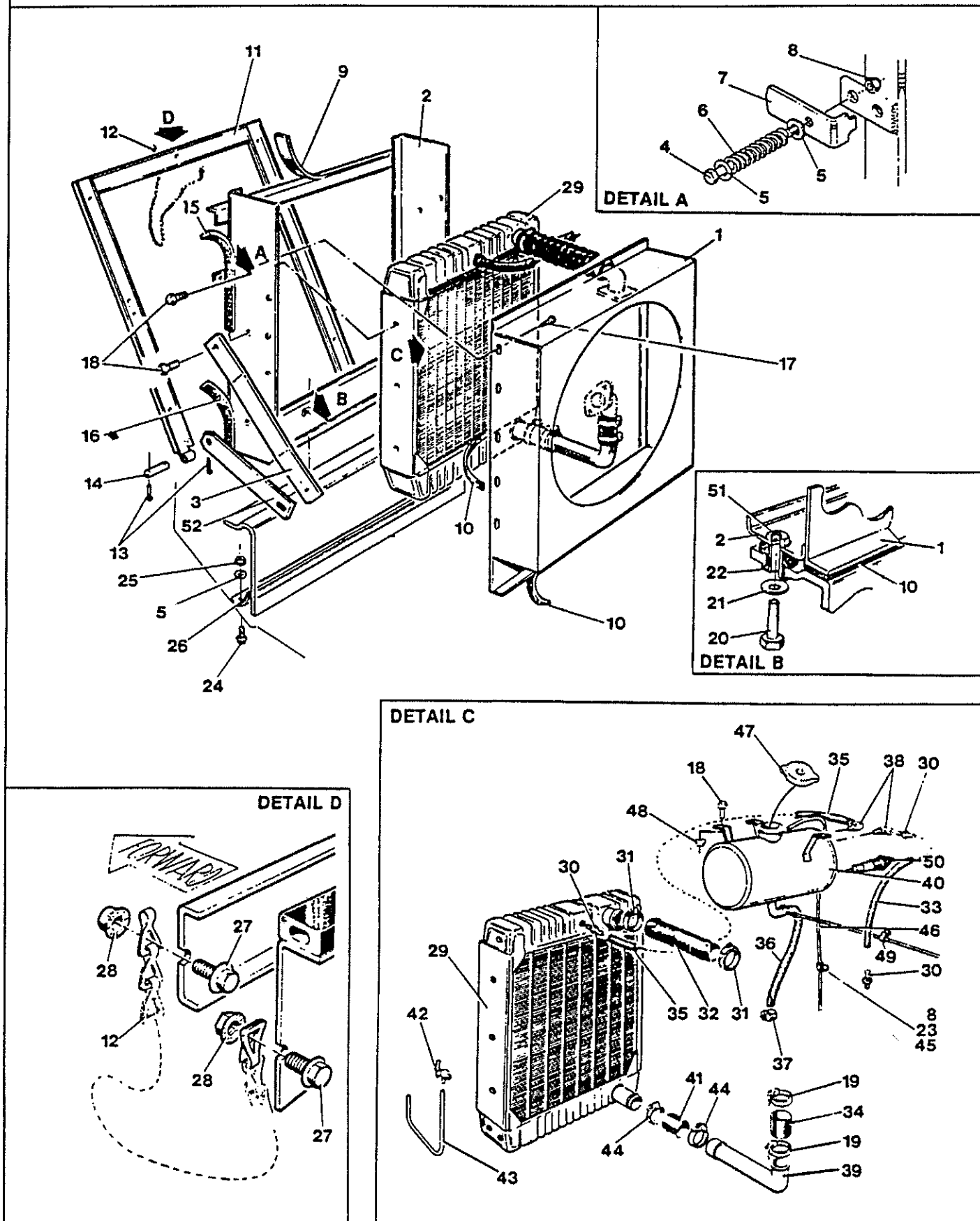
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30386		78,79,81-8	1	Shroud - Fan
		V48216		80/	1	Shroud - Fan
2		V30447		78,79,81-8	1	Frame - Radiator
		V48223		80/	1	Frame - Radiator
3		V30399		78-84/	2	Brace - Radiator Frame
4		V12598	3975947	78-84/	2	Screw - Cap Hex 1/4" - 20 UNC x 2" - Replaces 12598P
5		V18601	3975999	78-84/	8	Washer - Plain 5/16" ID x 3/4" OD x 16 GA - Replaces 18601P
6		V361310V1		78-84/	2	Spring - Compression 1/2" Dia x 2"
7	(1)	V57807		83-84/	2	Latch - Coolers
	(2)	V30044		78-83/	2	Latch - Coolers
8		V12108	3975927	78-84/	5	Nut - Lock Hex 1/4" - 20 UNC - Replaces 12108P
9		V8854006		78-84/	1	Seal - Radiator Frame Upper 33-1/2" - Replaces 30257
10		V8857001		78-84/	3	Seal - Fan Shroud 32"
11		V29693		78-84/	1	Frame - Cooler
12		V30172	1861648	78-84/	1	Chain - 35-45/64"
13		V12102	1860522	78-84/	4	Pin - Cotter 1/8" Dia x 1"
14		V30143		78-84/	2	Pin - Hinge 5/8" Dia x 3-51/64"
15		V30339		78-84/	2	Seal - Radiator Frame Center 32-3/4"
16		V8854011		78,79,81-8	2	Seal - Radiator Frame Lower 8-1/2" - Replaces 30175
		V48219		80/	2	Seal - Radiator Frame Lower 8-1/2"
17		V301T155		78-84/	12	Bolt - Self-Tapping #12 - 24 x 5/8" - Replaces 301T155P
18		V29892	3975613	78-84/	8	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
19		V609T143	1859652	78-84/	4	Clamp - Hose HS-44
20	(1)	V12544		83-84/	2	Screw - Cap Hex 1/2" - 13 UNC x 2-3/4" - Replaces 12544P
20	(2)	V12090		78-83/	2	Screw - Cap Hex 1/2" - 13 UNC x 2" - Replaces 12090P
21		V12556	1861656	78-84/	2	Washer - Plain 1/2" ID x 1-5/8" OD x 13 GA - Replaces 12556P
22		V30012	1861657	78-84/	2	Isolator - Radiator
23		V22032	1861440	78-84/	3	Clamp - Hose
24		V29804	3975611	78-84/	4	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
25		V29940	3975619	78-84/	4	Nut - Flange Hex Serrated 1/4" - 20 UNC - Replaces 29940P

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FIGURE 8A1 - COOLING SYSTEM



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FIGURE 8A1 - COOLING SYSTEM
KÜHLSYSTEM
SYSTÈME DE REFROIDISSEMENT
SISTEMA DE ENFRIAMIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
26		V30439		78-84/	1	Seal - Front Plate 36"
27		V30180	3975627	78-84/	2	Screw - Flange - Hex Serrated #10 - 24 UNC x 1/2" - Replaces 30180P
28		V29939	3975617	78-84/	2	Nut - Flange - Hex Serrated #10 - 24 UNC - Replaces 29939P
29		V29723		78,79,81-8	1	Radiator Assembly
		V48203		80/	1	Radiator Assembly
30		V6982	1860683	78-84/	4	Insert - Hose 1/8" NPT
31		V21963	1859639	78-84/	2	Clamp - Hose - HS40
32		V18041	1861675	78-84/	1	Hose - Radiator Inlet
33		V8861001		78-84/	1	Hose - Surge Tank Return 16" - Replaces 22470 & 84619
34		V48221	1859645	80/	1	Hose - Motor Inlet 2.5 x 3-5/8" - Replaces 21974
35	NS	V84619		84/	1	Hose - Radiator Bleeder 1/4" ID x 310 mm
		V8861001		78-83/	1	Hose - Radiator Bleeder 9" - Replaces 22468
36		V57144		81-84/	1	Hose - Surge Tank Outlet 11"
		V57144		80/	1	Hose - Surge Tank Outlet 11" Long
		V22469		78-79/	1	Hose - Surge Tank Outlet 19" Long
37		V609T146	1861668	78-84/	2	Clamp - Hose HS-16
38		V291117V1		78-84/	2	Elbow - 90° Street 1/8" NPT
39		V21977		78-84/	1	Tube - Steel Radiator Inlet
40		V57906		81-84/	1	Tank - Surge
		V57062		80/	1	Tank - Surge
		V30380		78-79/	1	Tank - Surge
41		V8863004		78,79,81-8	1	Hose - Radiator Outlet 2-3/4" ID x 3-5/8" - Replaces 21975
		V8863004		80/	1	Hose - Outlet 3-5/8" - Replaces 48299
42		V29778	3975609	78-84/	1	Valve - Radiator Drain
43		V50839		81-84/	1	Hose - Radiator Drain 20"
		V30184		78-80/	1	Hose - Radiator Drain 20" - Replaces 30184
44		V21964	3975577	78-84/	2	Clamp - Hose HS-48
45		V12367	1861123	78-84/	3	Screw - Cap Hex 1/4" - 20 UNC x 1/2" - Replaces 12367P
46	NS	V8872001		81-84/	1	Hose - Overflow 63" - Replaces 50691
		V50691		80/	1	Hose - Overflow 63"
		V609T129		78-79/	1	Hose - Overflow 63"
47		V609T112	3972426	78-84/	1	Cap - Pressure
48		V29803	3975610	78-84/	2	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
49		V23981		80-84/	2	Clip - 10 GA Wire
50		V58003		81-84/	1	Probe - Coolant Level
51		V14923		81-84/	2	Nut - Lock 1/2" - 13 UNC - Replaces 14923P
52	(1)	V57912		83-84/	2	Brace - Radiator Frame

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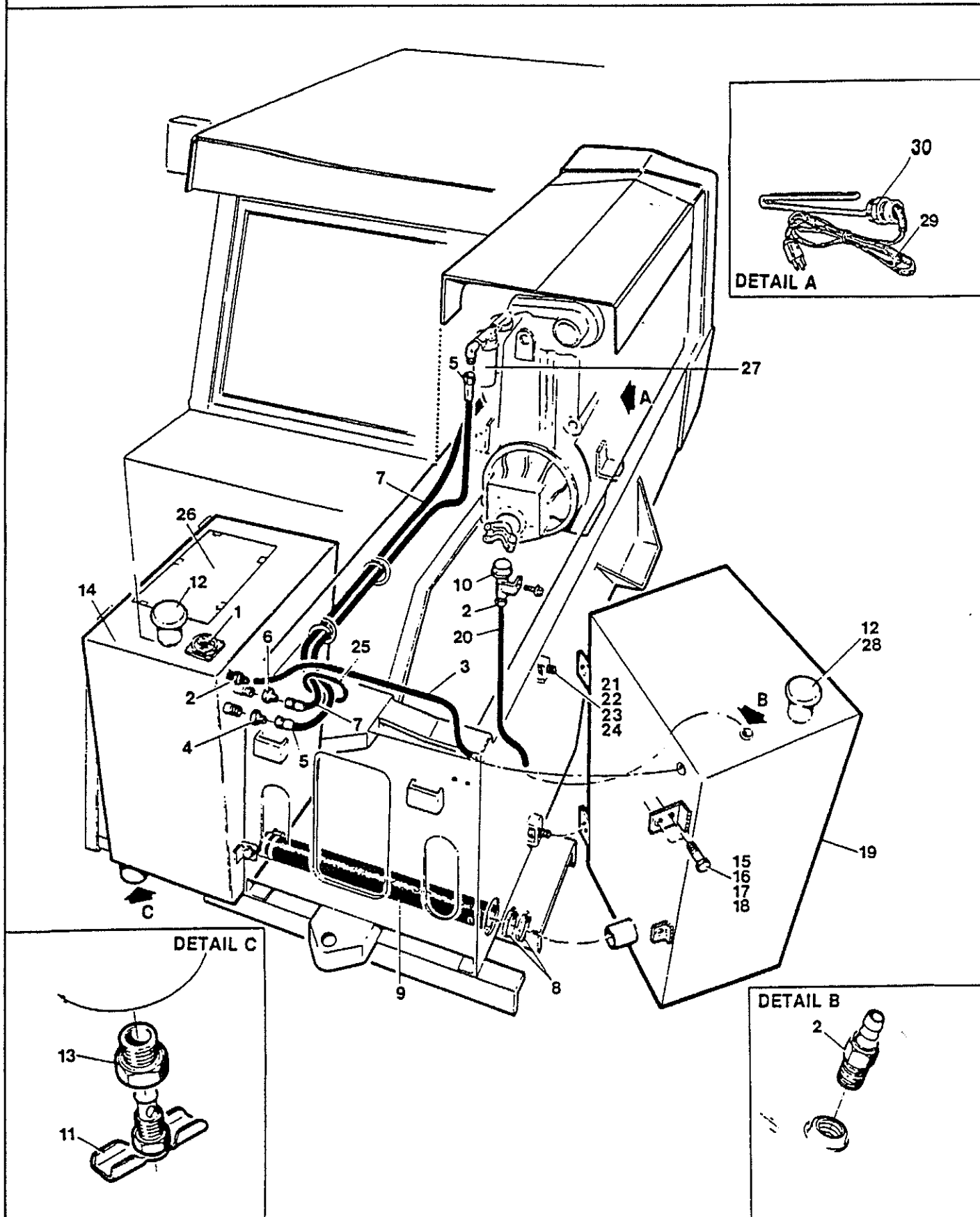
NS - Not Serviced

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SECTION 9 - FUEL SYSTEM
 SEKTION 9 - KRAFTSTOFF-ANLAGE
 SECTION 9 - CIRCUIT D'ALIMENTATION
 SECCION 9 - SISTEMA DE CIRCULACION DE COMBUSTIBLE

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
9A1	Fuel System and Engine Heater Kraftstoff-Anlage und Motorheizung Circuit D'Alimentation et Chauffage de Moteur Sistema de Circulación de Combustible y Calefactor de Motor	9-3	
9B1	Throttle Linkage - Foot Controls Drosselverbindung - Fuss-Steuerung Timonerie de Accélérateur - Commandes a Pied Unión de Acelerador - Controles de Pie	9-5	
9B2	Throttle Linkage - Hand Controls 79-84 Drosselverbindung - Hand-Steuerung Timonerie de Accélérateur - Commandes a Main Unión de Acelerador - Controls de Mano	9-7	
9B3	Throttle Linkage - Hand Controls 78 Drosselverbindung - Hand-Steuerung Timonerie de Accélérateur - Commandes a Main Unión de Acelerador - Controls de Mano	9-9	
9C1	Cold Start 81-84 Kaltstart Démarriage Froid Arranque en Frío	9-11	
9C2	Cold Start 78-80 Kaltstart Démarriage Froid Arranque en Frío	9-13	

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FIGURE 9A1 - FUEL SYSTEM AND ENGINE HEATER
 KRAFTSTOFF-ANLAGE UND MOTORHEIZUNG
 CIRCUIT D'ALIMENTATION ET CHAUFFAGE DE MOTEUR
 SISTEMA DE CIRCULACIÓN DE COMBUSTIBLE Y CALEFACTOR DE MOTOR

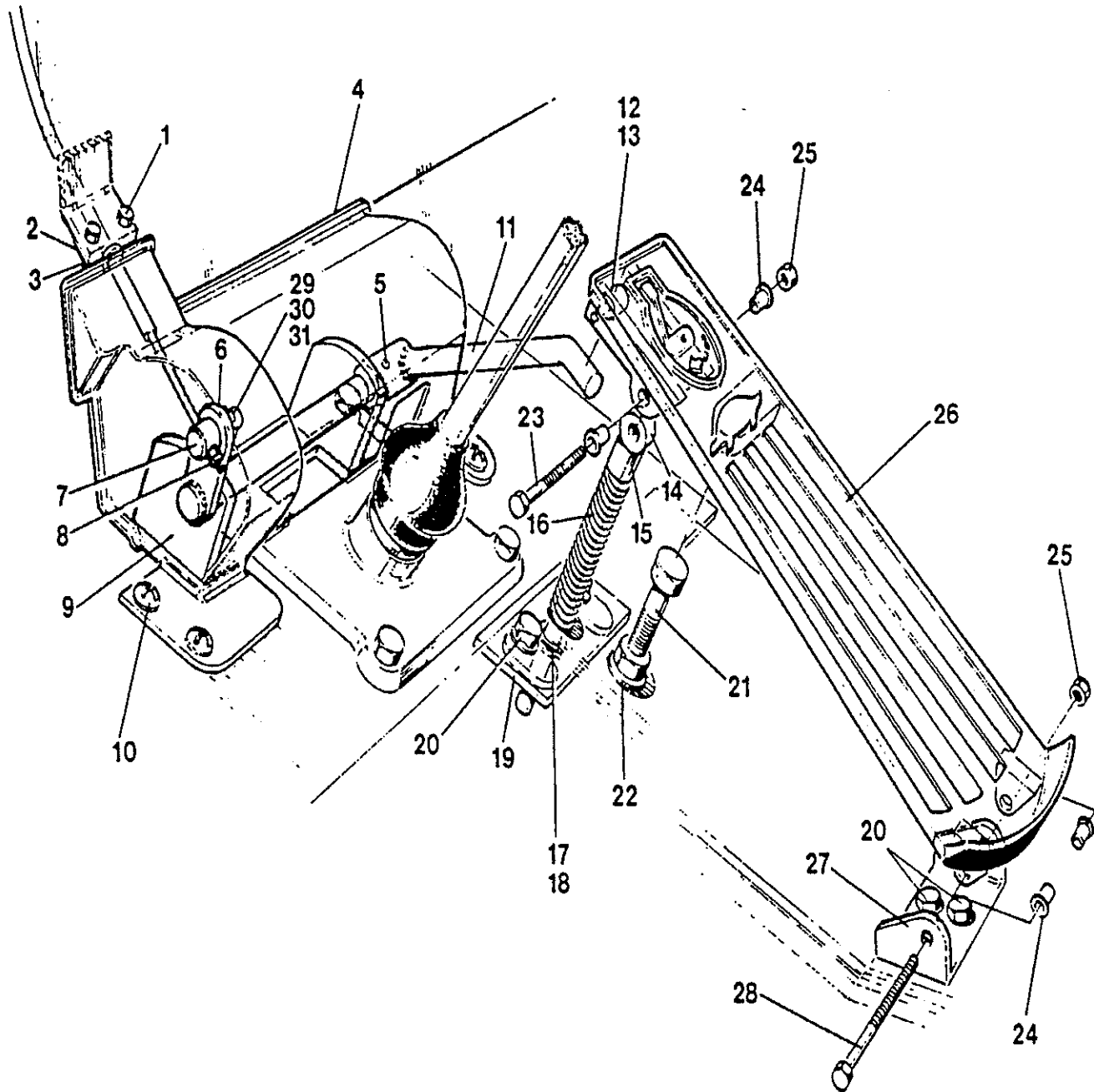
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30082		78-84/	1	Sender - Fuel Gauge
2		V30133		78-84/	4	End - Hose Push On 1/2" NPTF
3		V84548		78-84/	1	Hose - SAE 100 R6 - .5 - Replaces 30139
4		V30130		78-84/	1	Connector - Female
5		V30138		78-84/	1	Hose Assembly - SAE 100 R1 - .5
6		V30131		78-84/	1	Connector - Female
7		V30137		78-84/	1	Hose Assembly - SAE 100 R1 - .5
8	(1)	V17778	3975993	83-84/	4	Clamp - Hose
	(2)	V609T144	1860071	78-83/	4	Clamp - Gear 2" Dia
9		V24573		78-84/	1	Hose
10		V30475	1861687	78-84/	1	Breather - 1/2" NPT
11		V609T147	1861695	78-84/	2	Draincock
12		V23670		78-84/	2	Cap - Fuel Filler
13		V17132	1860678	82-84/	2	Bushing - Reducer 1/2" x 1/4"
		V12682		78-81/	2	Bushing - Reducer 1/2" x 1/4"
14		V28219		78-84/	1	Tank Assembly - Fuel L.H. - Replaces 30605 Includes: 26
15		V12111		78-84/	6	Screw - Cap Hex 5/8" - 11 UNC x 2"
16		V12112	1861590	78-84/	6	Nut - Hex 5/8" - 1 UNC
17		V12110		78-84/	6	Washer - Lock Helical Spring 5/8" ID
18		V12105	3975926	78-84/	6	Washer - Plain 21/32" ID x 1-15/16" OD x 13 GA
19		V28220		78-84/	1	Tank Assembly - Fuel R.H. Includes: 12
20		V30140		78-84/	1	Hose - SAE 100 R6 - .5
21		V12085	1860575	78-84/	4	Screw - Cap Hex 1/2" - 13 UNC x 1-1/4"
22		V12075		78-84/	4	Nut - Hex 1/2" - 13 UNC
23		V12007	3975906	78-84/	4	Washer - Lock Helical Spring 1/2" ID
24		V18605		78-84/	8	Washer - Plain 9/16" ID x 1-3/8" OD x 12 GA
25		8852001		78-84/	1	Trim - Protective
26		V29886		78-84/	1	Cover - Fuel Tank
27		V608T118		78-84/	2	Element - Fuel Filter
		V79080		84/	2	Element - Fuel Filter w/Water Separator Special
28		V52722		78-84/	2	Seal - Fuel Cap
29		V79542	1860433	84/	1	Cord - Engine Coolant Heater 60"
30		V60274	1860432	84/	1	Heater - Engine Coolant Option
30		V36103		78-83/	1	Heater - Engine Coolant Option

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FIGURE 9B1 - THROTTLE LINKAGE - FOOT CONTROLS



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FIGURE 9B1 - THROTTLE LINKAGE - FOOT CONTROLS
 DROSSELVERBINDUNG - FUSS-STEUERUNG
 TIMONERIE DE ACCÉLÉRATEUR - COMMANDES A PIED
 UNIÓN DE ACELERADOR - CONTROLES DE PIE

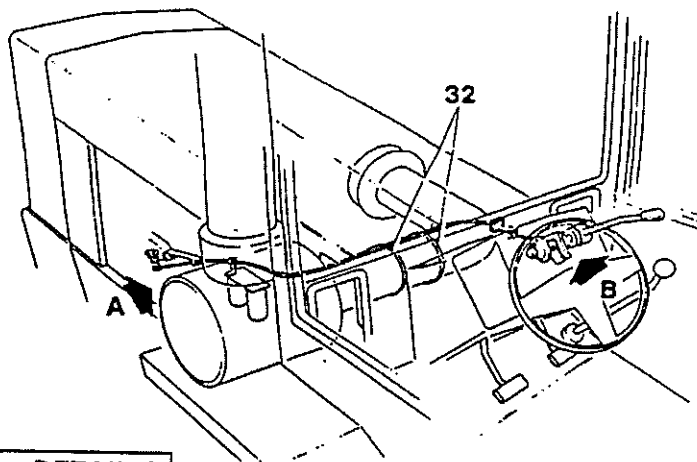
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30180	3975627	79-84/	2	Screw - Flange Hex Serrated #10 - 24 UNC x 1" - Replaces 30180P
2	(1)	V34650	3975650	78-84/	1	Clamp - Control Cable
3		V29939	3975617	79-84/	2	Nut - Flange - Hex Serrated #10 - 24 UNC - Replaces 29939P
4		V53396		79-84/	1	Cover - Decelerator
5		V19671		79-84/	1	Pin - Spring Slotted 3/16" x 7/8"
6		V53115		79-84/	1	Arm - Lever
7	(1)	V48939		83-84/	1	Pivot
	(2)	V53395		78-83/	1	Pivot
8		V19269		79-84/	1	Nut - Hex 10 - 32 UNF - Replaces 19269P
9		V53110		79-84/	1	Bracket - Lever
10		V50711		80-84/	3	Screw - Machine Truss Head 3/8" - 16 x 3/4"
		V50338		79/	3	Screw - Machine Truss Head 3/8" - 16 x 3/4"
11		V53113		79-84/	1	Pedal - Lever
12		V12831	3975956	79-84/	1	Pin - Spring Slotted 1/8" x 1-1/4"
13		V54259		79-84/	1	Roller - Nylon
14		V53119		79-84/	1	Plunger
15		V54260		79-84/	1	Bushing
16		V529		79-84/	1	Spring - Compression
17		V12342		79-84/	1	Pin - Spring Slotted 1/8" x 3/4"
18		V50372		79-84/	1	Washer - Plain 9/16" ID x 3/4" OD x 11 GA
19		V53118		79-84/	1	Plunger Plate Assembly
20		V29892	3975613	79-84/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
21		V12079	1860835	83-84/	1	Screw - Cap Hex 1/2" - 13 UNC x 2-1/4" - Replaces 12079P
		V12081		79-84/	1	Screw - Cap Hex Head 1/2" - 13 UNC x 1-3/4" - Replaces 12081P
22		V13044		79-84/	1	Nut - Flange - Hex Serrated 1/2" - 13 UNC - Replaces 13044P
23		V12598	3975947	79-84/	1	Screw - Cap Hex 1/4" - 20 UNC x 2" - Replaces 12598P
24		V15954	1861727	79-84/	4	Bushing - Nylon
25		V12108	3975927	79-84/	2	Nut - Lock Nylon Insert 1/4" - 20 UNC - Replaces 12108P
26		V53123		79-84/	1	Pedal
27		V53116		79-84/	1	Bracket - Pedal
28		V12107	1861725	79-84/	1	Screw - Cap Hex 1/4" - 20 UNC x 3" - Replaces 12107P
29		V26386		79-84/	3	Washer - Spring Tension 5/16" ID
30		V12002		79-84/	1	Washer - Plain 11/32" ID x 11/16" OD x 15 GA - Replaces 12002P
31		V12003	3975904	79-84/	1	Pin - Cotter 3/32" Dia x 3/4" - Replaces 12003P

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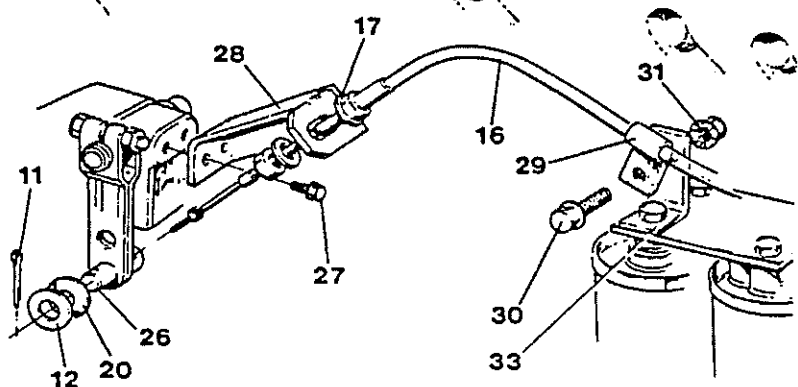
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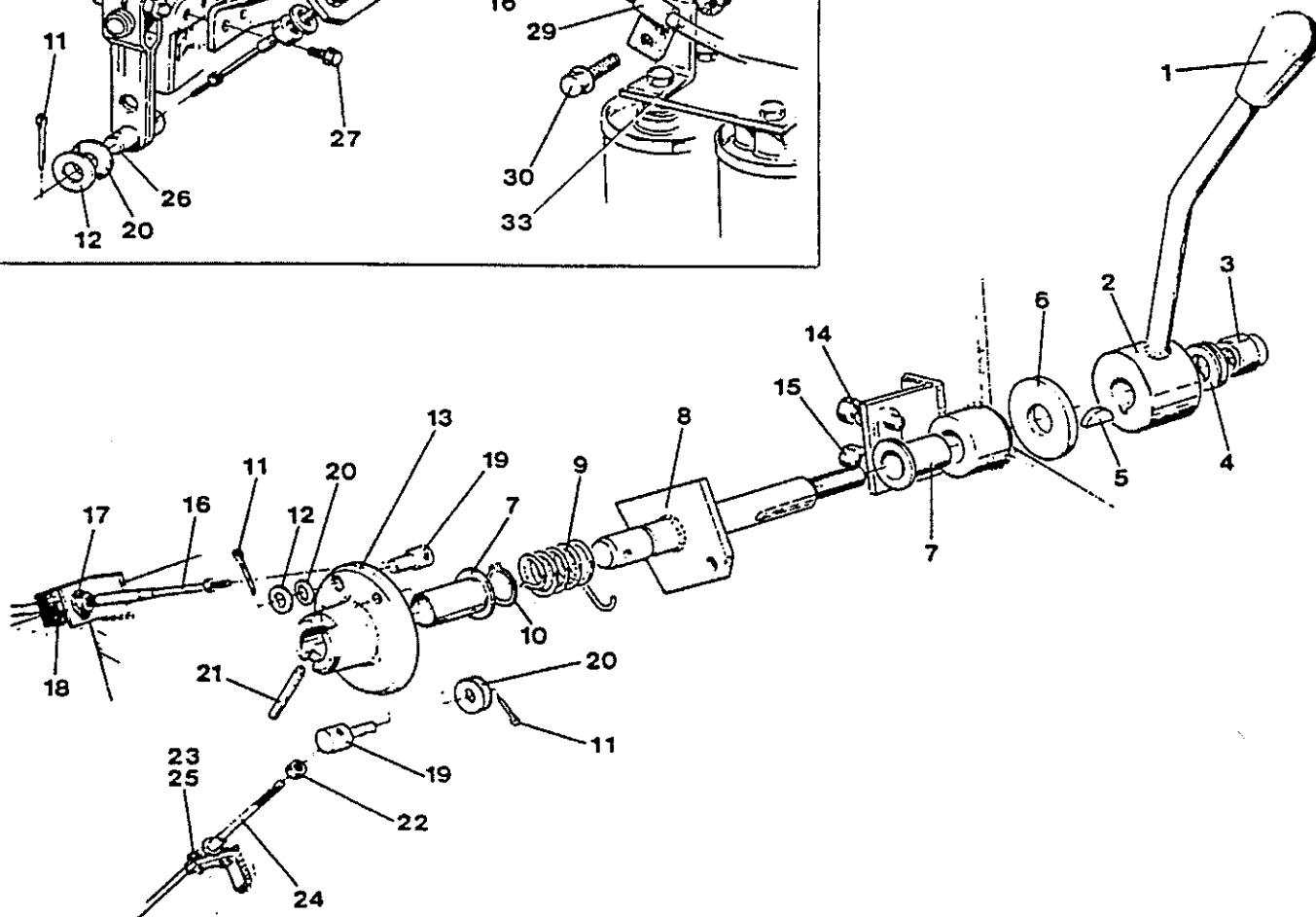
FIGURE 9B2 - THROTTLE LINKAGE - HAND CONTROLS 79-84



DETAIL A



DETAIL B



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FIGURE 9B2 - THROTTLE LINKAGE - HAND CONTROLS 79-84
 DROSSELVERBINDUNG - HAND-STEUERUNG
 TIMONERIE DE ACCÉLÉRATEUR - COMMANDES A MAIN
 UNIÓN DE ACELERADOR - CONTROLS DE MANO

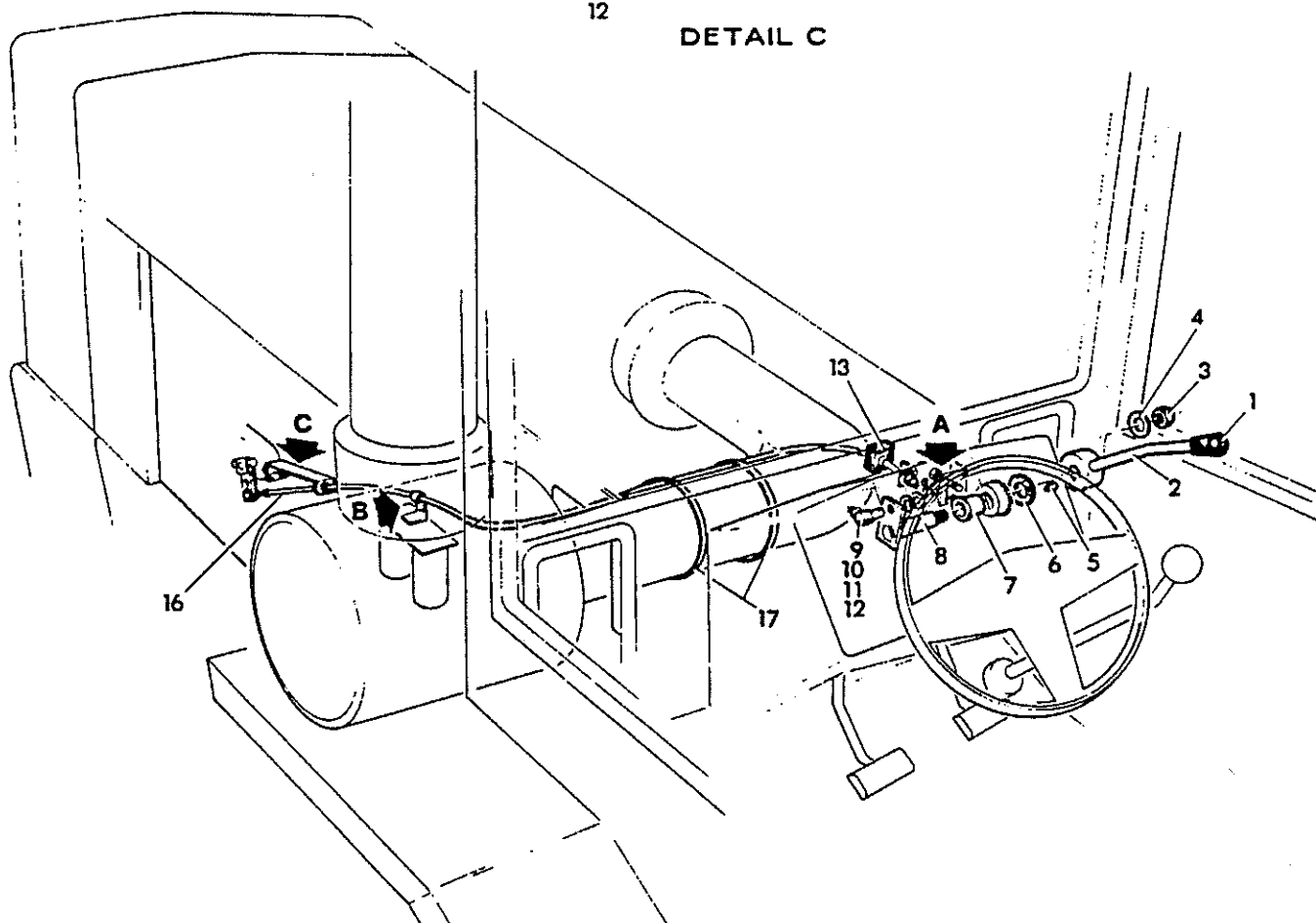
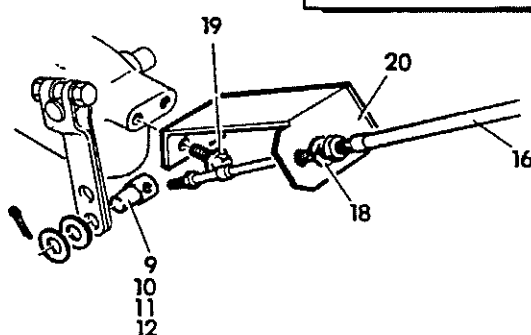
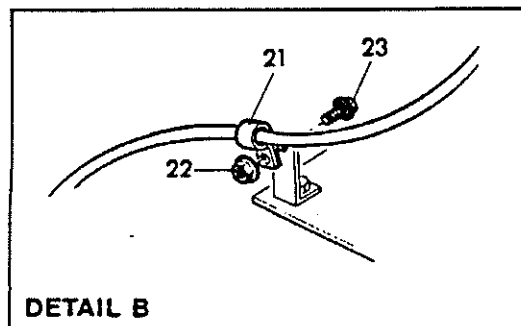
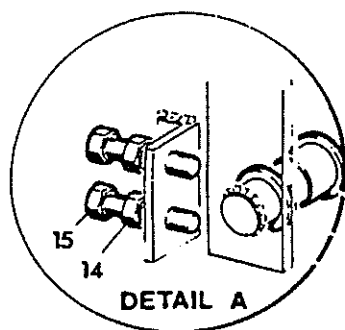
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V19099		79-84/	1	Knob
2		V30374		79-84/	1	Lever - Throttle
3		V12083	3975918	79-84/	1	Nut - Lock Hex Nylon Insert 1/2" - 13 UNC - Replaces 12083P
4		V19098		79-84/	3	Washer - Disc Spring 1/2" ID
5		V1677		79-84/	1	Key - Woodruff
6		V53104		79-84/	1	Washer - Friction
7		V19101		79-84/	2	Bearing - Flange
8		V53107		79-84/	1	Shaft Pivot Assembly
9		V53093		79-84/	1	Spring - Torsion
10		V18969		79-84/	1	Ring - Retaining
11		V12003	3975904	79-84/	4	Pin - Cotter 3/32" Dia x 3/4" - Replaces 12003P 12003P
12		V12002		79-84/	4	Washer - Plain 11/32" ID x 11/16" OD x 15 GA - Replaces 12002P
13		V53312		79-84/	1	Plate - Throttle
14		V25825		79-84/	2	Nut - Jam 1/4" - 20 UNC
15		V30198		82-84/	2	Screw - Cap Hex 1/4" - 20 UNC x 1-1/2" - Replaces 30198P
		V13063		81/	2	Screw - Cap Hex Head 1/4" - 20 UNC x 1-1/2"
16		V48937		79-84/	1	Cable - Push-Pull 71"
17		V12091	3975920	79-84/	2	Washer - Lock Helical Spring 7/16" ID - Replaces 12091P
18		V49324		79-84/	1	Insulation - Throttle Rod
19		V53395		79-84/	2	Pivot
20		V26386		79-84/	12	Washer - Spring
21		V12058	3975915	79-84/	1	Pin - Spring Slotted 1/4" x 1-1/2"
22		V19269	3976007	79-84/	1	Nut - Hex #10 - 32 UNF - Replaces 19269P
23	(1)	V34650	3975650	78-84/	1	Clamp - Conduit - Replaces 53094
24		V53105		79-84/	1	Cable - Push-Pull
25		V19268	3976006	79-84/	2	Screw - Hex Type D #10 - 24 x 3/8" - Replaces 19268P
26		V48939		79-84/	2	Pivot
27		V30081	3975625	79-84/	2	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
28	(1)	V49001		79-80,83-8	1	Bracket - Throttle
	(2)	V89058		81-83/	1	Bracket - Throttle - Replaces 58447
29		V22032	1861440	79-84/	1	Clamp - Hose
30		V29804	3975611	79-84/	1	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
31		V29940	3975619	79-84/	1	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
32		V30267	3975628	79-84/	2	Strap - Tie
33	(1)	V30426	1862301	83-84/	1	Bracket - Angle

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FIGURE 9B3 - THROTTLE LINKAGE - HAND CONTROLS 78



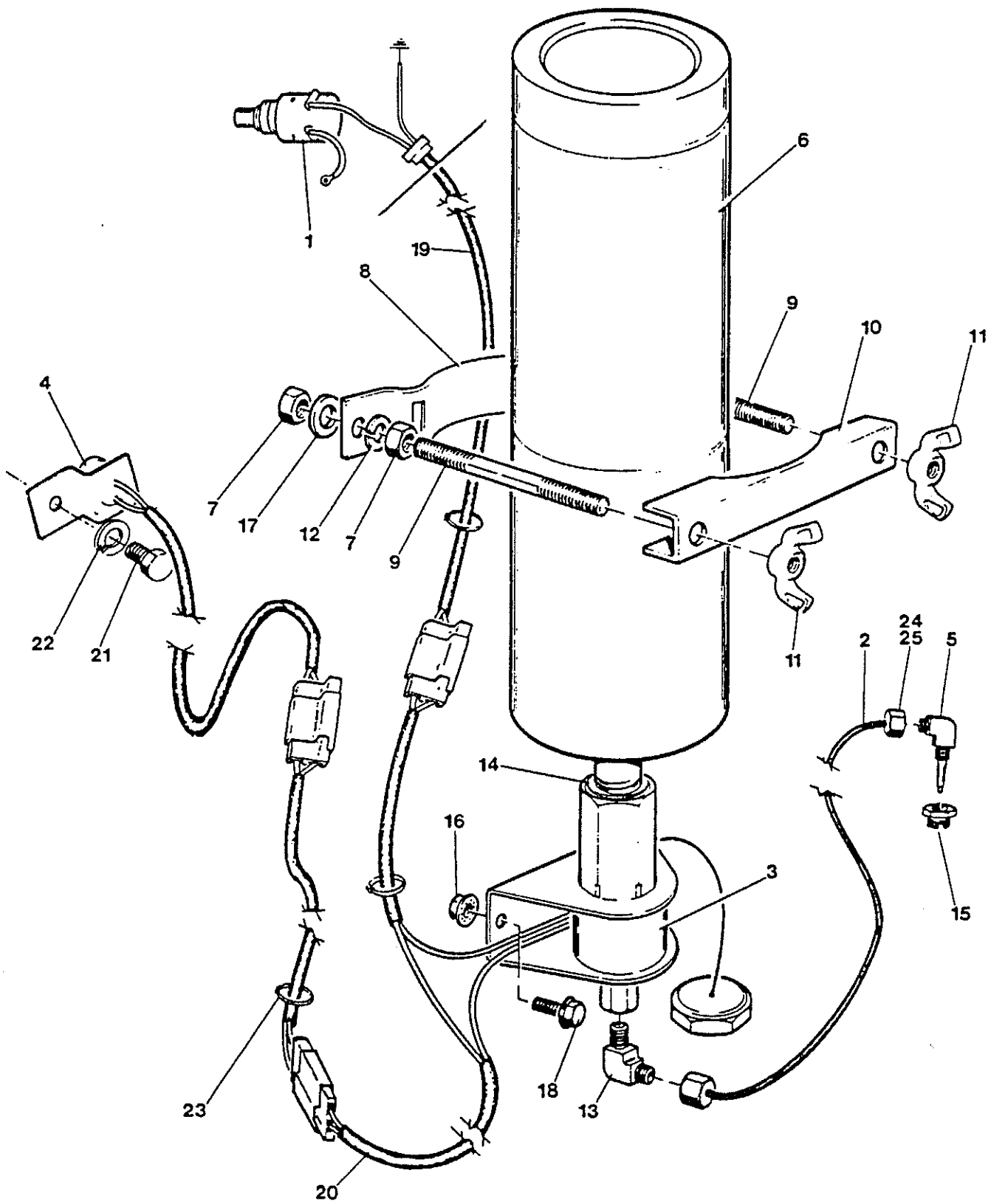
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FIGURE 9B3 - THROTTLE LINKAGE - HAND CONTROLS 78
 DROSSELVERBINDUNG - HAND-STEUERUNG
 TIMONERIE DE ACCÉLÉRATEUR - COMMANDES A MAIN
 UNIÓN DE ACELERADOR - CONTROLS DE MANO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V49048		78/	1	Throttle Linkage Assembly - Replaces TRA-49048 Includes: 1-21
1		V19099		78/	1	Knob
2		V30374		78/	1	Lever - Throttle - Replaces TRA-30374
3		V12083	3975918	78/	1	Nut - Hex 1/2" - 13 UNC
4		V19098		78/	1	Washer - Flat
5		V1677		78/	1	Woodruff - Key - Replaces SW-1677
6		V18997	1861706	78/	1	Washer - Friction
7		V19101		78/	1	Bearing - Flange
8		V48941		78/	1	Shaft - Pivot - Replaces TRA-48941
9		V48939		78/	1	Pivot
10		V26386		78/	4	Washer - Spring
11		V12002		78/	2	Washer - Flat
12		V12003	3975904	78/	2	Pin - Cotter
13		V49324		78/	1	Insulation - Throttle Rod - Replaces TR-49324
14		V25825	3975601	78/	2	Nut - Jam 1/4" - 20 UNC
15		V13063		78/	2	Bolt - Hex 1/4" - 20 UNC x 1.5 Long
16		V48937		78/	1	Cable - Push-Pull 71.0 Long
17		V30267	3975628	78/	2	Strap - Tie
18		V12091	3975920	78/	2	Washer - Lock
19		V30081	3975625	78/	2	Bolt - Serrated 1/4" - 20 UNC x .50 Long
20		V49001		78/	1	Bracket - Throttle - Replaces TRA-49001
21		V22032	1861440	78/	1	Clamp - Hose
22		V29940	3975619	78/	1	Nut - Serrated 1/4" NC
23		V29804	3975611	78/	1	Bolt - Serrated 1/4" NC x 3/4" Long

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FIGURE 9C1 - COLD START 81-84



835 TRACTOR

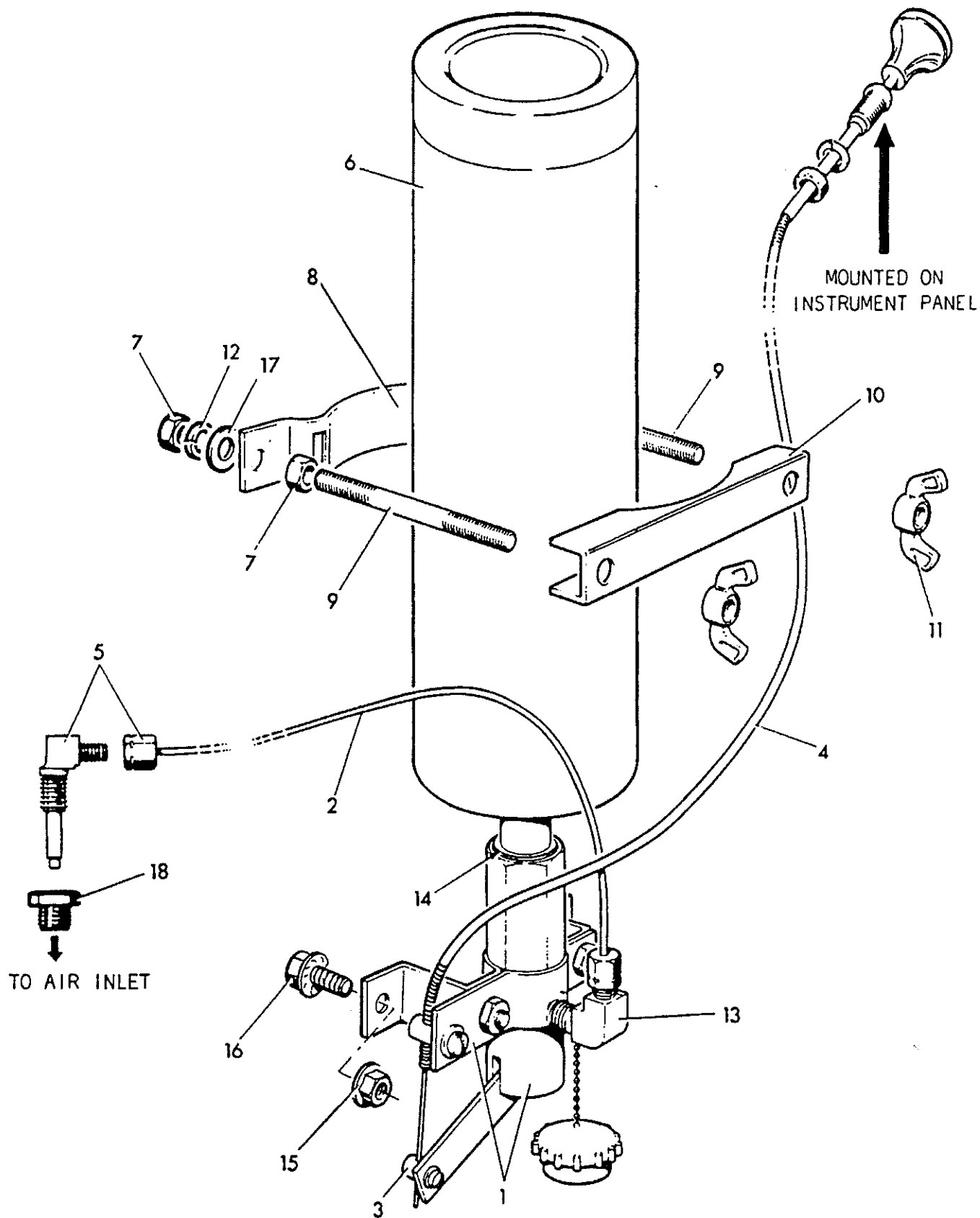
FIGURE 9C1 - COLD START 81-84
KALTSTART
DÉMARRAGE FROID
ARRANQUE EN FRÍO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V58069		81-84/	1	Kit - Cold Start Aid Includes: 1-14, 24, 25 & Instruction Book
1		V55370		81-84/	1	Switch - Push Button
2		V30352	3975631	81-84/	1	Tubing - Nylon Black 1/8" x 60"
3		V55371		81-84/	1	Valve - Electric 6 cc 12V
4		V55471		81-84/	1	Thermoguard
5		V30349		81-84/	1	Atomizer Assembly - 1/8" NPT 90° Elbow Includes: 24 & 25
6		V30347	3975630	81-84/	1	Cylinder - Fuel
		V30348		81-84/	1	Cylinder Clamp Assembly Includes: 7-12
7		V12094	3975922	81-84/	4	Nut - Hex 5/16" - 18 UNC
8		V36221		81-84/	1	Cylinder - Cradle
9		V36218		81-84/	2	Stud - 5/16" - 18 UNC x 4-1/2"
10		V30348		81-84/	1	Saddle - Replaces 36220
11		V36219		81-84/	2	Nut - Wing 5/16" x 18 UNC
12		V12087	1861067	81-84/	2	Washer - Lock Helical Spring 5/16" ID
13		V30476		81-84/	1	Elbow - 90° Brass 1/8" NPT x 1/8" Tube
14		V36217		81-84/	1	Gasket - Valve
15		V16354		81-84/	1	Bushing - Reducer Brass 1/4" - 1/8"
16		V29940	3975619	81-84/	2	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
17		V18601	3975999	81-84/	2	Washer - Plain 5/16" ID x 3/4" OD x 16 GA - Replaces 18601P
18		V29804	3975611	81-84/	2	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
19		V58116		81-84/	1	Wiring Harness Assembly - Engine
20		V58140		81-84/	1	Wiring Harness Assembly - Cold Start
21		V15603	1862048	81-84/	1	Screw - Cap Hex 3/8" - 24 UNF x 5/8"
22		V12011	3975908	81-84/	1	Washer - Lock Helical Spring 3/8" ID
23		V2748	3975863	81-84/	3	Strap - Tie
24	NS	V56137		81-84/	1	Nut - Hex Long 5/16" - 24 UNC
25		V30349		81-84/	1	Atomizer Assembly - Replaces 56136 & 56137
		V30346	3975629	81-84/	1	Book - Instruction

NS - Not Serviced

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FIGURE 9C2 - COLD START 78-80



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FIGURE 9C2 - COLD START 78-80
KALTSTART
DÉMARRAGE FROID
ARRANQUE EN FRÍO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V29694		78-80/	1	Kit - Cold Start Aid Includes: 1-14
1		V30353		78-80/	1	Valve & Bracket Assembly
2		V30352	3975631	78-80/	1	Tubing - Black 1/8" OD 60" Nylon
3		V30351		78-80/	1	Wire Stop & Screw Assembly
4		V30350		78-80/	1	Control Cable Assembly - 60"
5		V30349		78-80/	1	Atomizer Assembly
6		V30347	3975630	78-80/	1	Cylinder - Fuel
		V30346	3975629	78-80/	1	Book - Instruction - Not Shown
		V30348		78-80/	1	Cylinder Clamp Assembly Includes: 7-12
7		V12094	3975922	78-80/	4	Nut - Hex 5/16" - 18 UNC
8		V36221		78-80/	1	Cylinder - Cradle
9		V36218		78-80/	2	Stud - 5/16" x 4.50 UNC
10		V30348		78-80/	1	Saddle - Replaces 36220
11		V36219		78-80/	2	Nut - Wing
12		V12087	1861067	78-80/	2	Washer - Lock Spring Type
13		V30476		78-80/	1	Elbow - 90°
14		V36217	3975661	78-80/	2	Gasket - Valve
15		V29940	3975619	78-80/	2	Nut - Hex Serrated 1/4" - 20 UNC Long
16		V29804	3975611	78-80/	2	Bolt - Hex Serrated 1/4" - 20 UNC x .75 Long
17		V18602	3976000	78-80/	2	Washer - Flat 5/16" Standard
18		V16354		78-80/	1	Bushing - Brass 1/4" x 1/8" NPT

835 TRACTOR

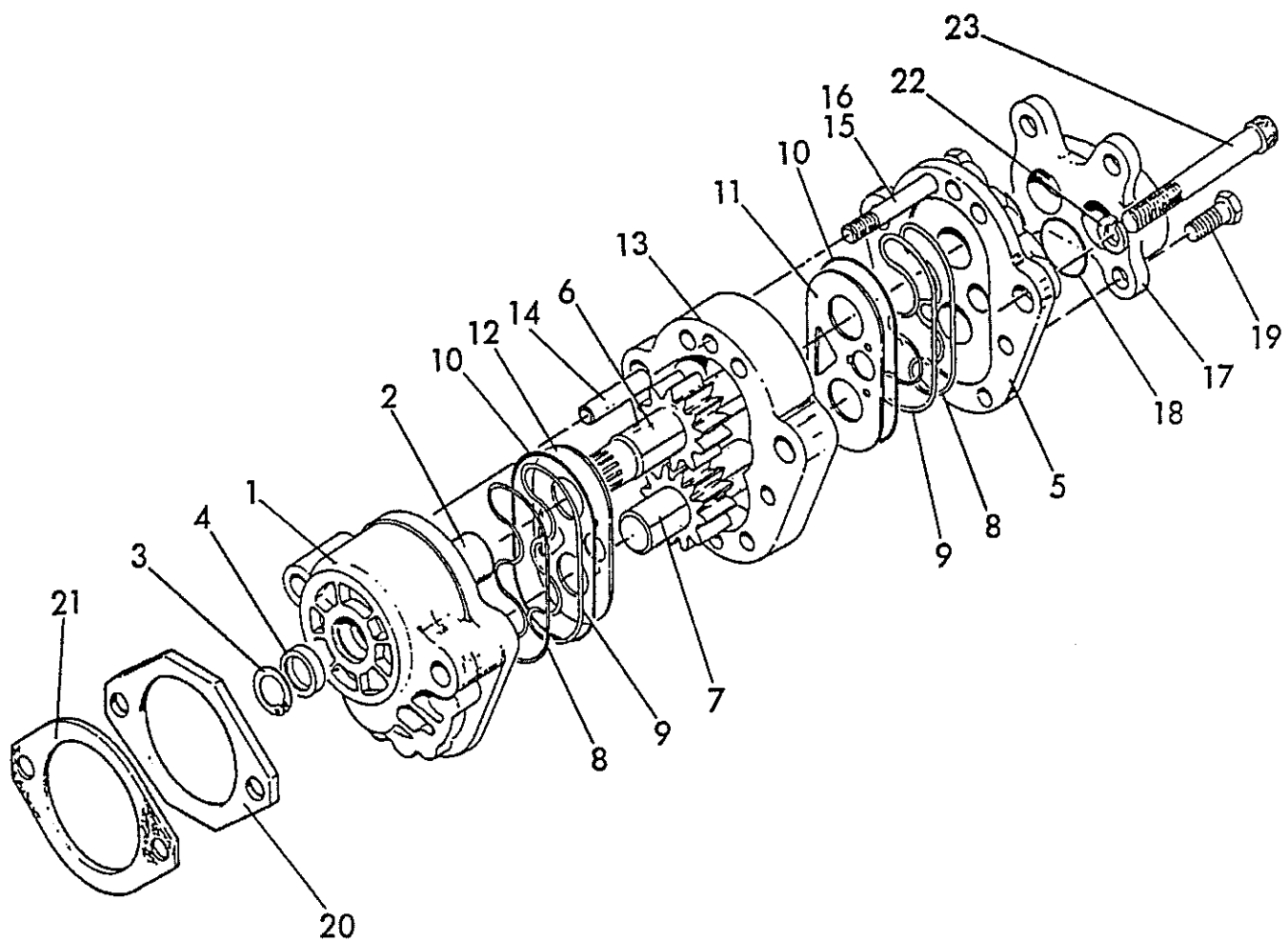
835 TRACTOR

SECTION 10 - HYDRAULIC PUMP
 SEKTION 10 - HYDRAULIK-PUMPE
 SECTION 10 - POMPE HYDRAULIQUE
 SECCION 10 - BOMBA HIDRULICA

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
10A1	Implement Pump Anbaugerät Pumpe Pompe Instrument Bomba Herramienta	10-3	
10A2	Implement Pump S2 Anbaugerät Pumpe Pompe Instrument Bomba Herramienta	10-5	
10B1	Steering Pump S1 Lenkung Pumpe Pompe Direction Bomba Dirección	10-7	
10B2	Steering Pump S2 Lenkung Pumpe Pompe Direction Bomba Dirección	10-9	

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FIGURE 10A1 - IMPLEMENT PUMP



835 TRACTOR

FIGURE 10A1 - IMPLEMENT PUMP
ANBAUGERÄT PUMPE
POMPE INSTRUMENT
BOMBA HERRAMIENTA

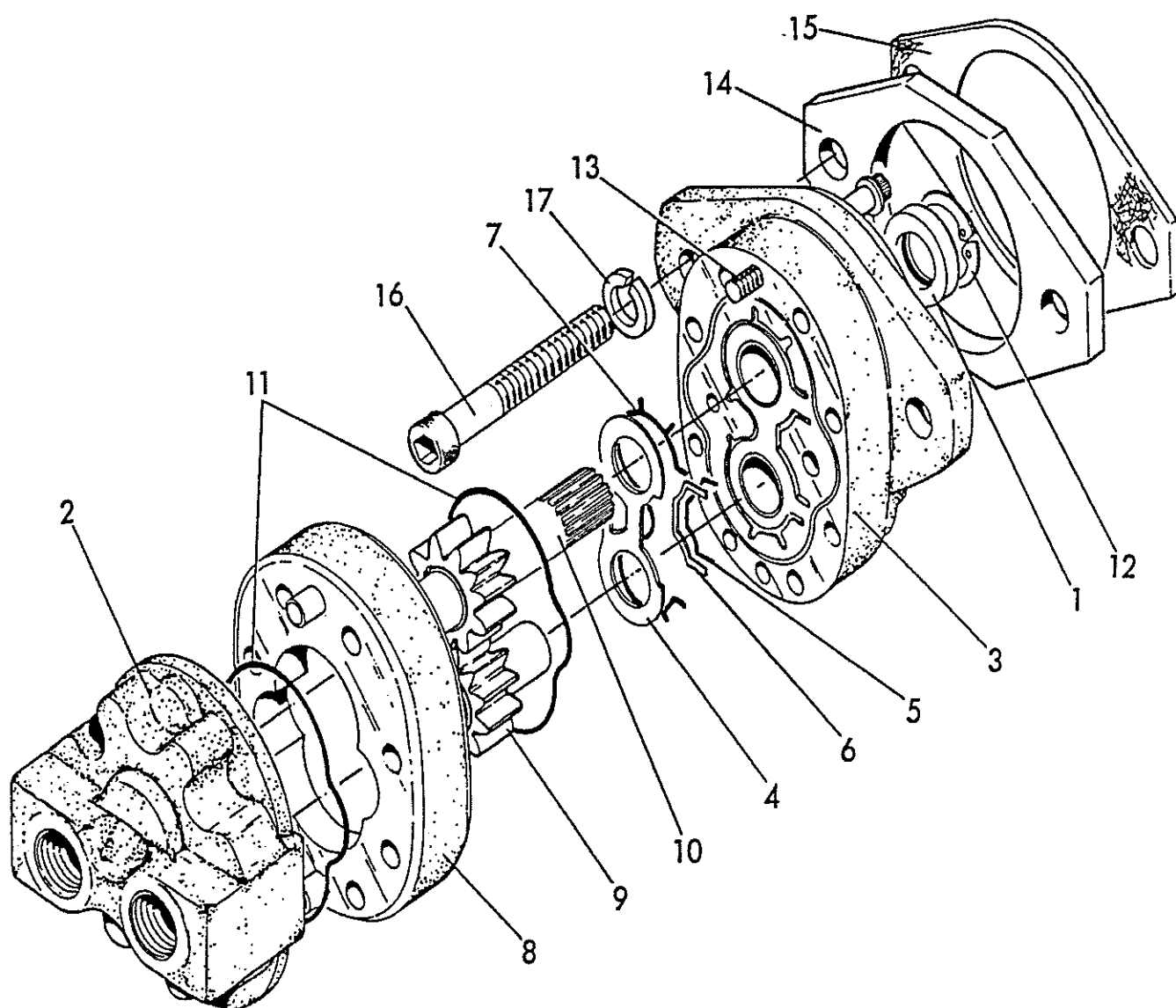
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V58785		83-84/	1	Implement Pump Assembly - Replaces 58785S1
	NS	V78006		83-84/	1	Includes: 1-19 Pump Assembly
	NS	V60286		83-84/	1	Includes: 1-16 Body Assembly
1				83-84/	1	Includes: 1-4 Body
2				83-84/	2	Bearing
3		V60284		83-84/	1	Ring - Snap
4		V79094		83-84/	1	Seal - Shaft
5		V51689		83-84/	1	Cover Assembly
6		V57188		83-84/	1	Drive Gear Assembly
7		V57189		83-84/	1	Idler Gear Assembly
8				83-84/	2	Seal - Preload
9				83-84/	2	Seal - Load
10				83-84/	2	Seal - Ring
11				83-84/	1	Plate - Wear
12				83-84/	1	Plate - Wear
13		V57190		83-84/	1	Plate - Gear
14		V57191		83-84/	2	Pin - Dowel
15		V12532	1860754	83-84/	6	Screw - Cap Hex Grade 5 3/8" - 16 UNC x 2-3/4"
16		V53680		83-84/	6	Washer - Plain
17		V57200		83-84/	1	Manifold
18		V25290		83-84/	2	O-Ring
19		V25466		83-84/	4	Screw - Cap Hex 5/16" - 18 UNC x 1"
20		V23278		83-84/	1	Shim - SAE A Mounting
21		V23283		83-84/	1	Gasket
22		V12011	3975908	83-84/	2	Washer - Lock Helical Spring 3/8" ID
23		V23517		83-84/	2	Screw - Cap Hex Socket 3/8" - 16 UNC x 4"
		V60285		83-84/	AR	Kit - Repair Seal Includes: 4 & 8-12

AR - As Required

NS - Not Serviced

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FIGURE 10A2 - IMPLEMENT PUMP S2



835 TRACTOR

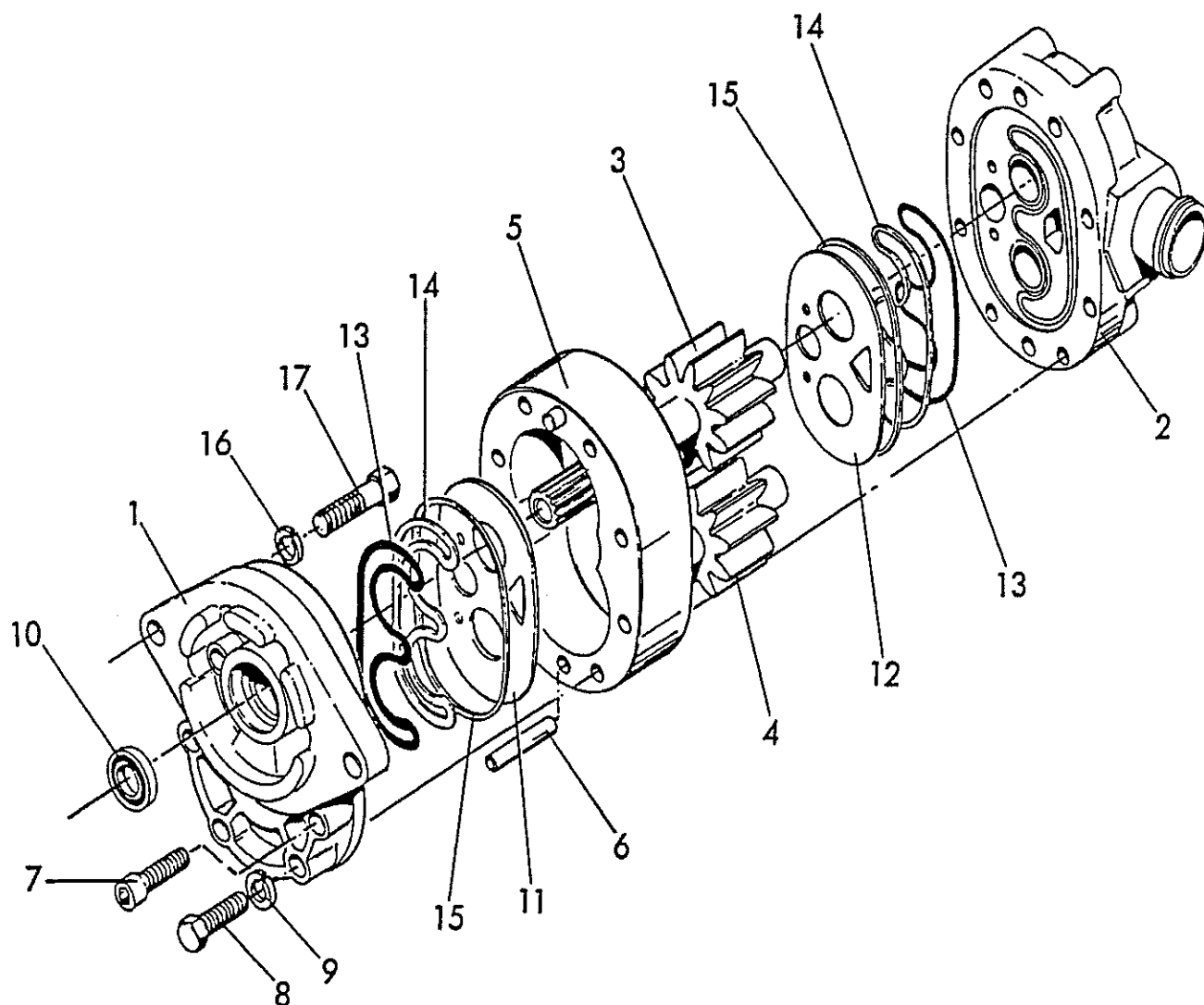
FIGURE 10A2 - IMPLEMENT PUMP S2
ANBAUGERÄT PUMPE
POMPE INSTRUMENT
BOMBA HERRAMIENTA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V58785		83-84/	1	Implement Pump Assembly - Replaces 58785S2 Includes: 1-13
1				83-84/	1	Seal - Shaft
2		V77506		83-84/	1	Back Plate Assembly
3		V77507		83-84/	1	Front Plate Assembly
4				83-84/	1	Plate - Wear
5				83-84/	1	O-Ring - Moulded
6				83-84/	1	Gasket - Back-Up
7				83-84/	1	Seal - Bearing
8		V77511		83-84/	1	Body Assembly
9		V77508		83-84/	1	Idler Gear Assembly
10		V77509		83-84/	1	Drive Gear Assembly
11				83-84/	2	O-Ring
12		V86279		83-84/	1	Ring - Retaining
13		V705T104		83-84/	8	Screw - Cap
14		V23278		83-84/	1	Shim - SAE A Mounting
15		V23283		83-84/	1	Gasket
16		V23517		83-84/	2	Screw - Cap Hex Socket 3/8" - 16 UNC x 4"
17		V12011	3975908	83-84/	2	Washer - Lock Helical Spring 3/8" ID
		V78010		83-84/	AR	Kit - Repair Seal Includes: 1, 4-7, 11 & 12

AR - As Required

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FIGURE 10B1 - STEERING PUMP S1



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FIGURE 10B1 - STEERING PUMP S1
LENKUNG PUMPE
POMPE DIRECTION
BOMBA DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1	(2)	V56688		78-84/	1	Steering Pump Assembly - Replaces 22105 & 5668851
	(1)	V78001		83-84/	1	Body Assembly - L.H.
	(2)	V25543		78-83/	1	Body Assembly
2	NS	V25542		78-84/	1	Cover & Tube Assembly
3	(1)	V78002		83-84/	1	Drive Gear Assembly
	(2)			80-83/	1	Drive Gear Assembly
4		V25544		78-79/	1	Drive Gear Assembly
	(2)	V54641		83-84/	1	Idler Gear Assembly
4	(2)			80-83/	1	Idler Gear Assembly
		V25545		78-79/	1	Idler Gear Assembly
5	(1)	V54639		83-84/	1	Plate - Gear
	(2)			80-83/	1	Plate - Gear
6		V53661		78-79/	1	Plate - Gear
	(1)	V54642		81-83/	2	Pin - Dowel
	(2)			80-83/	2	Pin - Dowel
		V25547		78-79/	2	Pin - Dowel
7	(1)			83-84/	2	Screw - Cap Hex Socket 3/8" - 16 UNC x 2-3/4"
	(1)			80-83/	2	Screw - Cap Hex Socket 3/8" - 16 UNC x 2-1/2"
		V25549		78-79/	2	Screw - Cap Hex Socket 3/8" - 16 UNC x 2-1/2"
	(1)	V12532	1860754	83-84/	6	Screw - Cap Hex 3/8" - 16 UNC x 2-3/4"
8	(2)			80-83/	6	Screw - Cap Hex 3/8" - 16 UNC x 2-1/2"
		V12103		78-79/	6	Screw - Cap Hex 3/8" - 16 UNC x 2-1/2"
9	(1)	V53680		83-84/	8	Washer - Plain
10	(1)	V33648		83-84/	1	Seal - Oil - Replaces 49075
	(2)	V53656		78-83/	1	Seal - Oil
11	(1)			83-84/	1	Plate - Wear
	(2)	V31271		78-83/	1	Plate - Wear
12	(1)			83-84/	1	Plate - Wear
	(2)	V31271		78-83/	1	Plate - Wear
13	(1)			83-84/	2	Seal - Preload
	(2)	V25288		78-83/	2	Seal - Preload
14	(1)			83-84/	2	Seal - Load
	(2)	V25289		78-83/	2	Seal - Load
15	(1)			83-84/	2	Seal - Ring
	(2)	V25287		78-83/	2	Seal - Ring

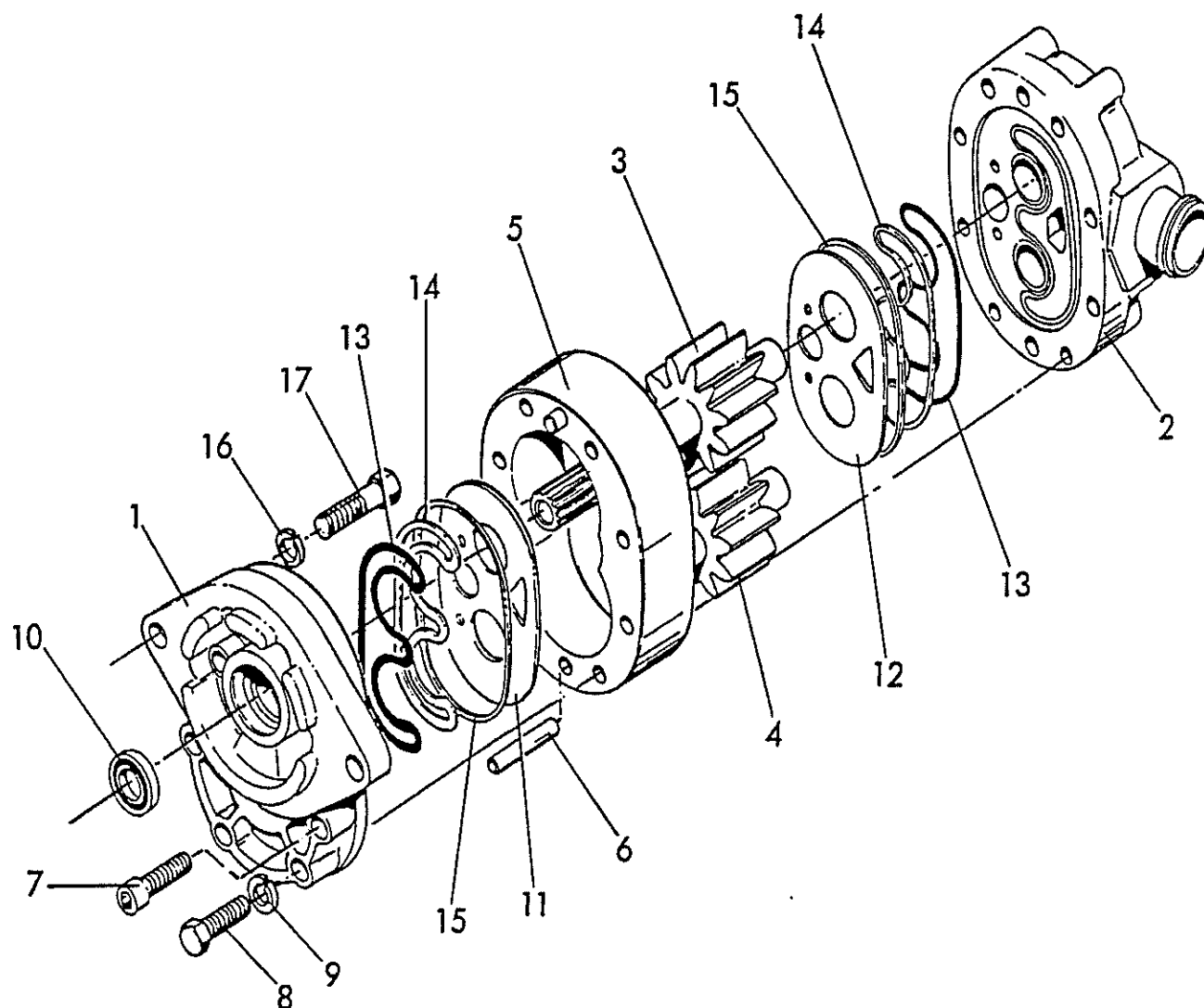
(1) - ASN 83036768

(2) - BSN 83036769

NS - Not Serviced

835 TRACTOR

FIGURE 10B1 - STEERING PUMP S1



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FIGURE 10B1 - STEERING PUMP S1
 LENKUNG PUMPE
 POMPE DIRECTION
 BOMBA DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
16		V12007		78-84/	2	Washer - Lock Helical Spring 1/2" ID - Replaces 12007P
17		V12081		78-84/	2	Screw - Cap Hex 1/2" - 13 UNC x 1-3/4" - Replaces 12081P
	(1)	V23726		83-84/	AR	Kit - Repair Seal - Replaces 78005 Includes: 10-15
	(2)	V30096		80-83/	AR	Kit - Repair Seal Includes: 10-15
		V22901	1860708	78-79/	AR	Kit - Repair Seal Includes: 10-15

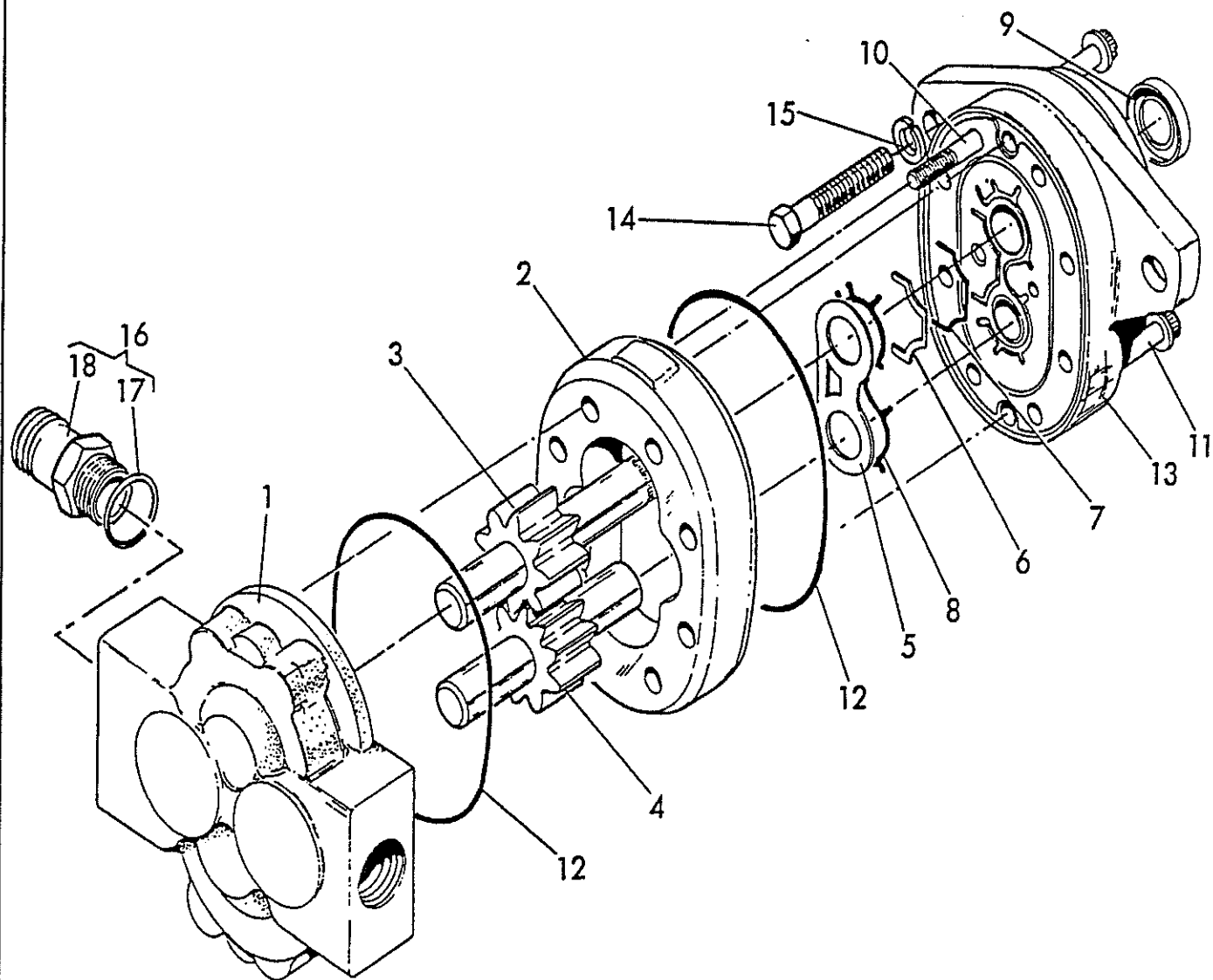
(1) - ASN 83036768

(2) - BSN 83036769

AR - As Required

835 TRACTOR

FIGURE 10B2 - STEERING PUMP S2

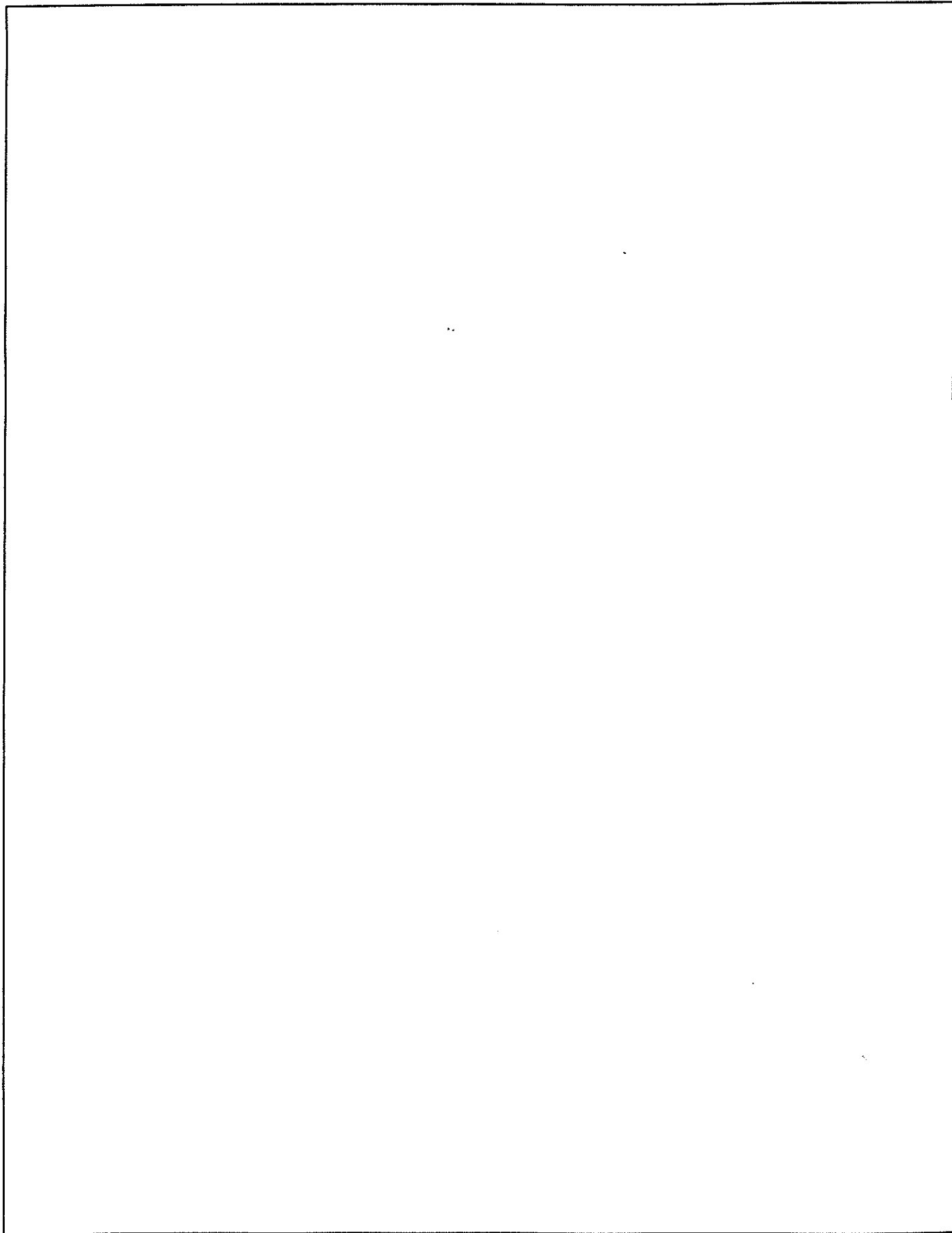


835 TRACTOR

FIGURE 10B2 - STEERING PUMP S2
LENKUNG PUMPE
POMPE DIRECTION
BOMBA DIRECCIÓN

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V56688		83-84/	1	Steering Pump Assembly - Replaces 56688S2 Includes: 1-13
1		V77502		83-84/	1	Backplate Assembly
2		V77503		83-84/	1	Body Assembly
3		V77504		83-84/	1	Drive Gear Assembly
4		V77505		83-84/	1	Idler Gear Assembly
5				83-84/	1	Plate - Wear
6				83-84/	1	Seal - Bearing
7				83-84/	1	O-Ring - Molded
8				83-84/	1	Gasket - Back-up
9				83-84/	1	Seal - Shaft
10		V36134	1860218	83-84/	4	Screw - Cap
11		V77510		83-84/	4	Screw - Cap
12				83-84/	2	O-Ring
13		V78008	1860213	83-84/	1	Front Plate Assembly
14		V12081		83-84/	2	Screw - Cap Hex 1/2" - 13 UNC x 1-3/4" - Replaces 12081P
15		V12007	3975906	83-84/	2	Washer - Lock Helical Spring 1/2" ID - Replaces 12007P
16		V89861		83-84/	1	Barbed Tube Assembly Includes: 17 & 18
17		V84657	1859676	83-84/	1	O-Ring
18				83-84/	1	Tube - Barbed
		V78009	1860220	83-84/	1	Kit - Repair Seal Includes: 5-9, 12 & 17

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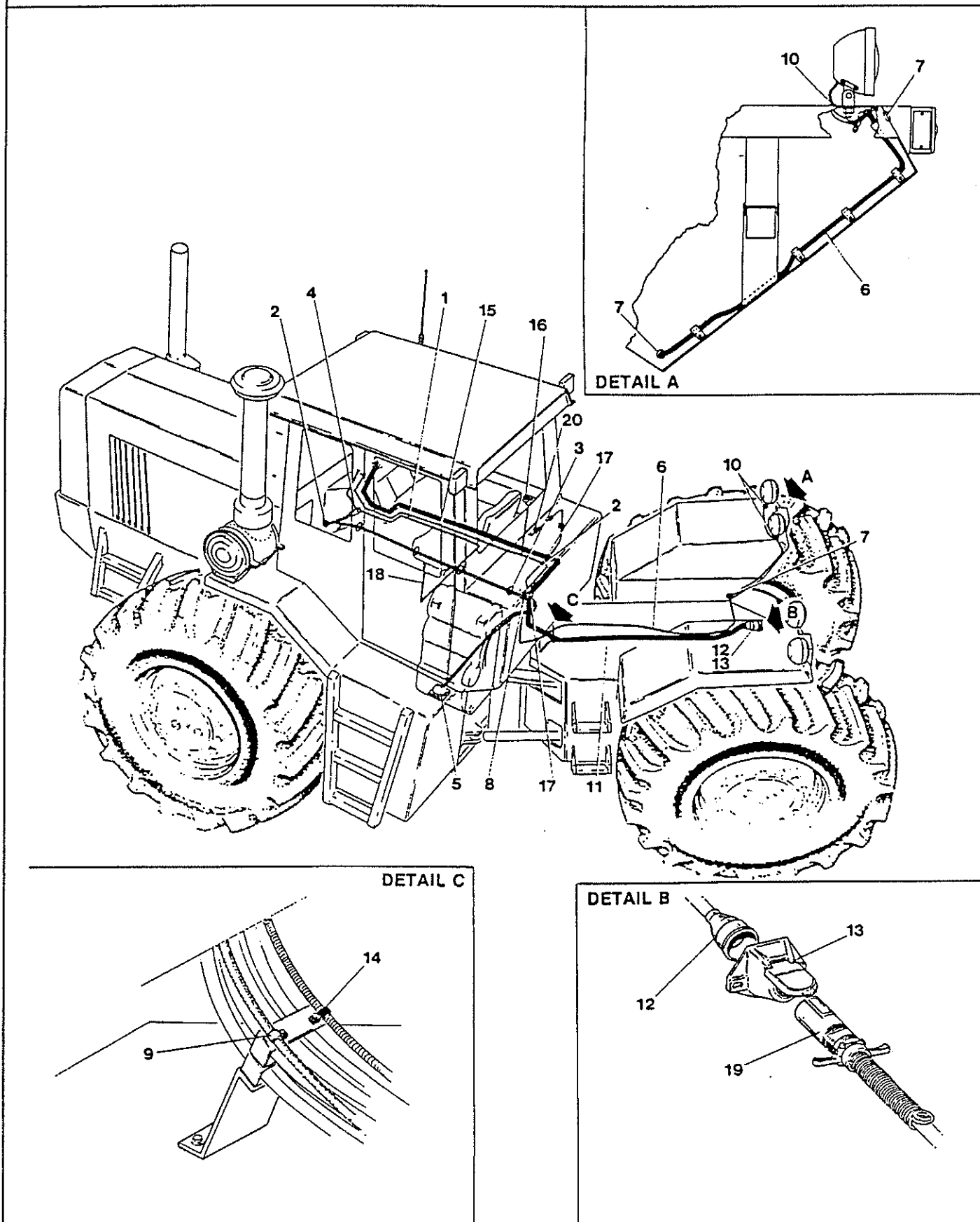
835 TRACTOR

SECTION 11 - ELECTRICAL SYSTEM
SEKTION 11 - ELEKTRISCHE ANLAGE
SECTION 11 - SYSTME ELECTRIQUE
SECCION 11 - SISTEMA ELÉCTRICO

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
11A1	Main Electrical Circuits 83-84 Haupt Elektrische Kreislaufr Circuits Electrique Principal Circuitos Eléctrico Principal	11-3	
11A2	Main Electrical Circuits 81-83 Haupt Elektrische Kreislaufr Circuits Electrique Principal Circuitos Eléctrico Principal	11-5	
11A3	Main Electrical Circuits 78-80 Haupt Elektrische Kreislaufr Circuits Electrique Principal Circuitos Eléctrico Principal	11-7	
11B1	Cab Console Circuit 80 Kabinekonsole Kreislaufr Circuit de Console de Cabine Circuito de Tablero de Cabina	11-9,11-11	
11B2	Cab Console Circuit 78-79 Kabinekonsole Kreislaufr Circuit de Console de Cabine Circuito de Tablero de Cabina	11-13,11-15	
11C1	Engine Electrical Circuit 83-84 Motor Elektrische Kreislaufr Circuit Electrique Moteur Circuito Eléctrico Motor	11-17,11-19	
11C2	Engine Electrical Circuit 81-83 Motor Elektrische Kreislaufr Circuit Electrique Moteur Circuito Eléctrico Motor	11-21,11-23	
11D1	Roof Electrical 81-84 Dach Elektrische Anlage Système Electrique de Toit Sistema Eléctrico de Techo	11-25,11-27	
11D2	Roof Electrical 80 Dach Elektrische Anlage Système Electrique de Toit Sistema Eléctrico de Techo	11-29	
11D3	Roof Electrical 78-79 Dach Elektrische Anlage Système Electrique de Toit Sistema Eléctrico de Techo	11-31,11-33	
11E1	Battery Box Batteriekasten Baquet de Batterie Caja de Bateria	11-35,11-37	
11F1	Lights 81-84 Leuchten - Feux - Luces	11-39	
11F2	Lights 78-80 Leuchten - Feux - Luces	11-41	

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FIGURE 11A1 - MAIN ELECTRICAL CIRCUITS 83-84



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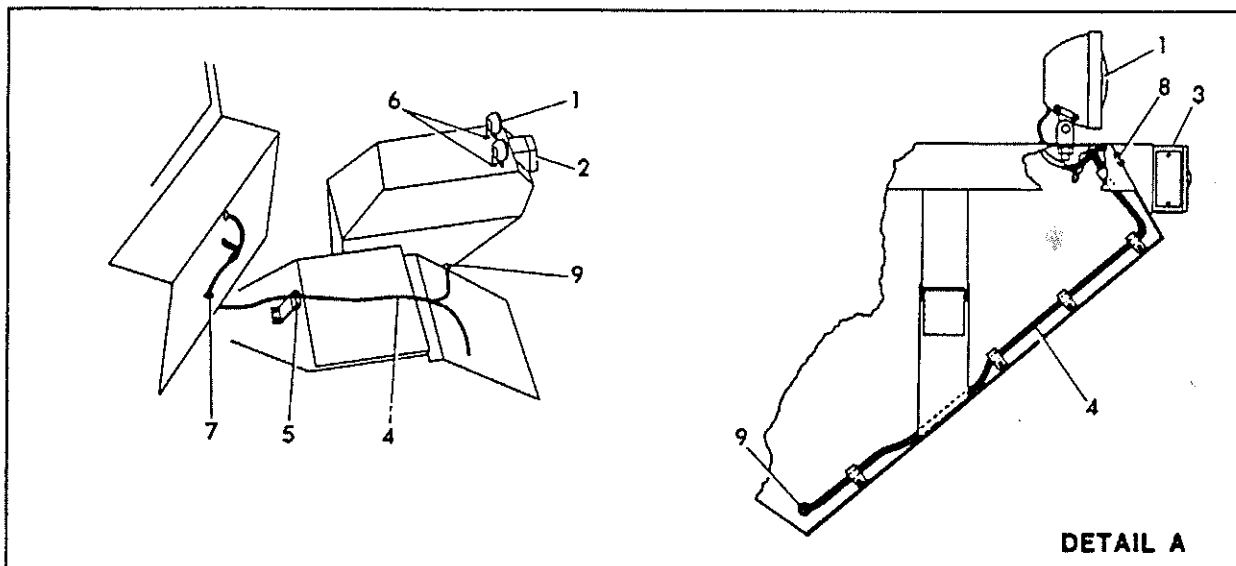
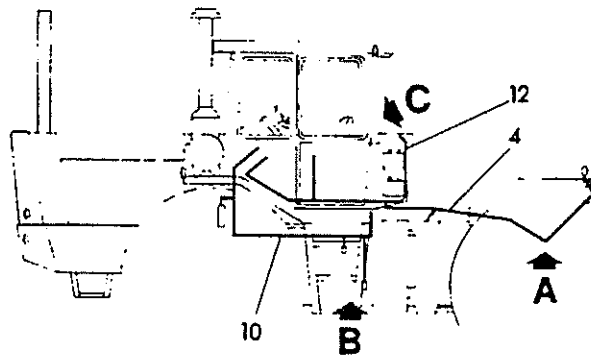
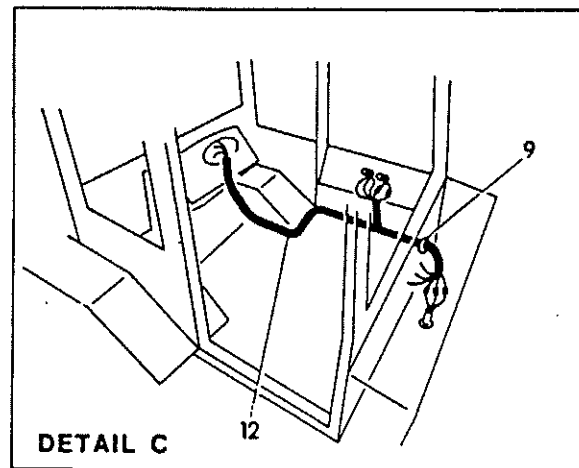
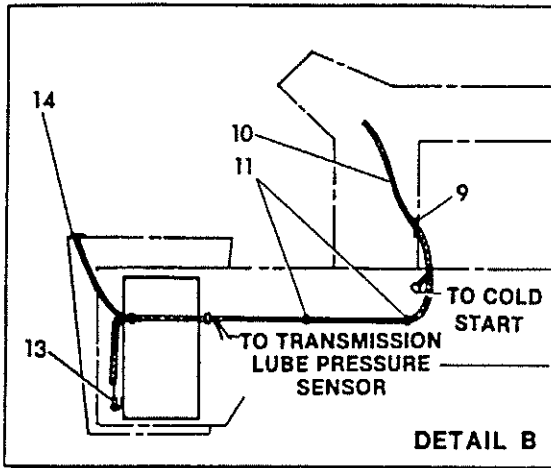
FIGURE 11A1 - MAIN ELECTRICAL CIRCUITS 83-84
 HAUPT ELEKTRISCHE KREISLAUF
 CIRCUITS ELECTRIQUE PRINCIPAL
 CIRCUITOS ELÉCTRICO PRINCIPAL

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V57966		83-84/	1	Harness - Wiring Transmission Includes: 2 & 4
2		V15742		83-84/	4	Grommet - 1/2" ID x 1-1/16" OD
3		V2748	3975863	83-84/	10	Strap - Tie Nylon
4		V50745	3976087	83-84/	1	Housing - Connector 6 Pin
5				83-84/	AR	Sender - Fuel Gauge - See Fuel System & Engine Heater - Section 2
6		V58324		83-84/	1	Harness - Wiring Rear Frame Includes: 7-9
7		V84203	1862407	83-84/	2	Grommet
8		V35521	1861854	83-84/	1	Grommet
9		V600T164	1861584	83-84/	1	Clip
10		V31425		83-84/	6	Grommet
11		V65944		83-84/	1	Harness - Wiring Trailer Connector Includes: 13 & 14
12		V69931	1861797	83-84/	1	Boot - Rubber
13		V60345	1861798	83-84/	1	Connector - 7 Pin Trailer Male End
14		V50832	1861785	83-84/	1	Clamp - 11/16" Dia
15		V57968		83-84/	1	Harness - Wiring Implement Console Includes: 9
16		V91873	1862432	83-84/	1	Switch - Rear Windshield Wiper - Replaces 22520
17		V15710	1861733	83-84/	1	Grommet - 11/16" ID x 1-5/16" OD
18		V77590		83-84/	1	Harness - Wiring Air Seat
19		V59624		83-84/	1	Connector - 7 Pin Trailer Female End
20		V22032	1861440	83-84/	3	Clip

AR - As Required

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FIGURE 11A2 - MAIN ELECTRICAL CIRCUITS 81-83



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FIGURE 11A2 - MAIN ELECTRICAL CIRCUITS 81-83
 HAUPT ELEKTRISCHE KREISLAUF
 CIRCUITS ELECTRIQUE PRINCIPAL
 CIRCUITOS ELÉCTRICO PRINCIPAL

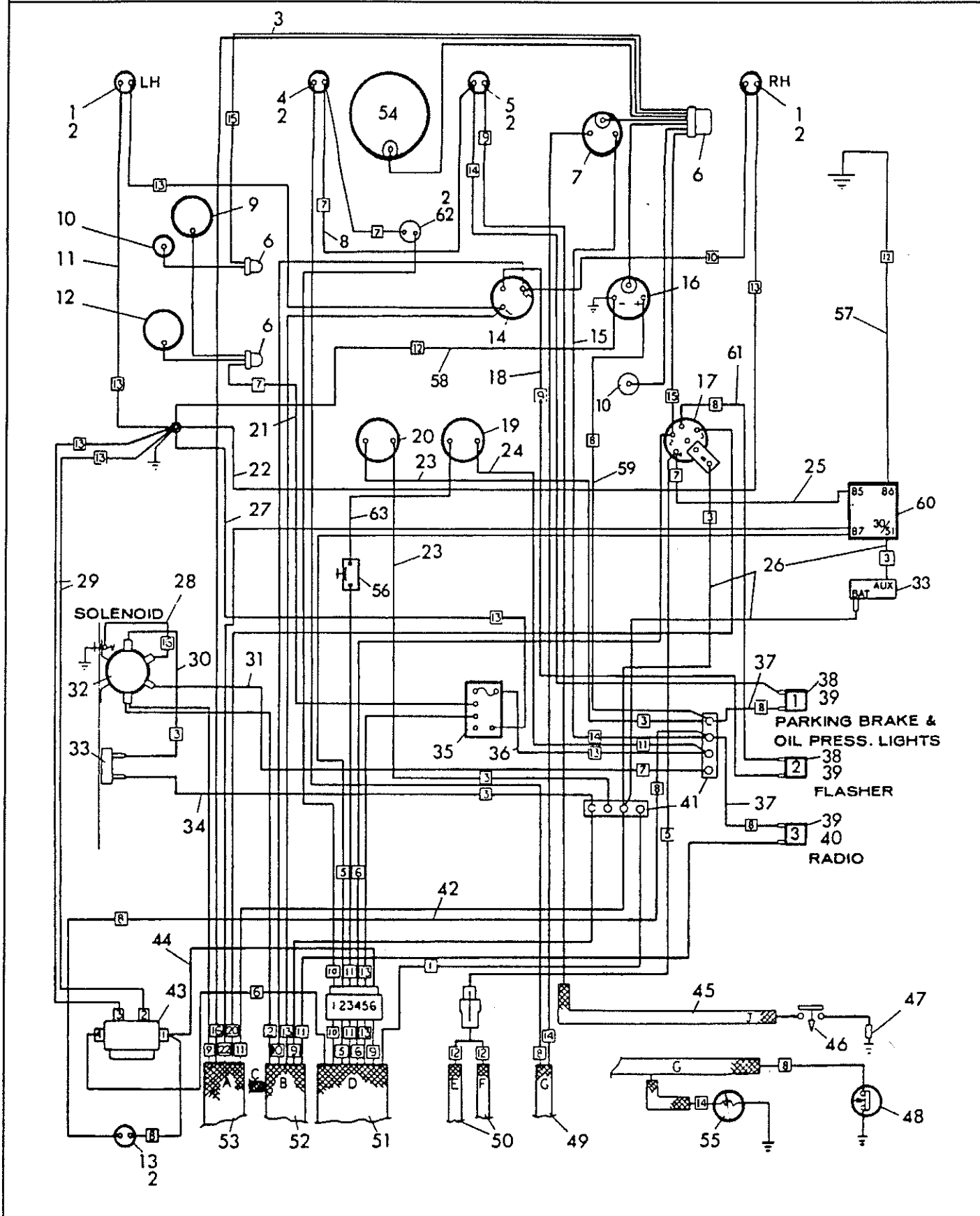
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V57924		81-83/	AR	Worklight
2				81-83/	AR	Taillight Assembly - L.H. - See Lights This Section
3				81-83/	AR	Taillight Assembly - R.H. - See Lights This Section
4		V58324		81-83/	1	Wire Assembly - Rear Frame
5		V600T164	1861584	81-83/	1	Clip
6		V31425		81-83/	6	Grommet
7		V35521	1861854	81-83/	1	Grommet
8		V84203	1862407	81-83/	2	Grommet
9		V15742		81-83/	4	Grommet - 1/2" ID x 1-1/16" OD
10		V57966		81-83/	1	Wire Assembly - Transmission
11		V2748	3975863	81-83/	10	Tie - Nylon
12		V57968		81-83/	1	Wire Assembly - Implement Console
13		V57936		81-83/	AR	Sensor - Speedometer - See Page 57
14		V30082		81-83/	AR	Sender - Fuel Gauge - See Page 41

AR - As Required

835 TRACTOR

FIGURE 11A3 - MAIN ELECTRICAL CIRCUITS 78-80
 HAUPT ELEKTRISCHE KREISLAUF
 CIRCUITS ELECTRIQUE PRINCIPAL
 CIRCUITOS ELÉCTRICO PRINCIPAL

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V28298		78-80/	2	Lamp Assembly - Wiring - Replaces TRA-48893
2		V57924		78-80/	4	Lamp Assembly - 4466 - Replaces 28300
3		V49137		78-80/	1	Lamp Assembly - Tail Light L.H.
		V49136		78-80/	1	Lamp Assembly - Tail Light R.H.
4		V15813		78-80/	3	Receptacle - Flat 18 - 14 GA
5		V14007	3975969	78-80/	3	Housing - Receptacle
6		V12461		78-80/	4	Splice - Butt
7		V30421		78-80/	2	Connector - 1 Contact
8		V30423		78-80	2	Terminal - 14 - 16 GA Female
9		V15825	3975982	78-80/	4	Splice - Closed End
10		V30438		78-80/	1	Wire Assembly - Replaces TRA-30438
11		V15826		78-80/	1	Wire Assembly - Replaces TRA-15826
12		V26728		78-80/	2	Battery
13		V15875		78-80/	2	Cable Assembly - Negative - Replaces TRA-15875
14		V15874		78-80/	2	Cable Assembly - Positive - Replaces TRA-15874
15		V31103		80/	1	Clamp - Replaces TRA-31103
16		V30944	1860314	78-80/	1	Bolt - Hex Serrated 1/2" - 13 UNC x 1" - Replaces 30944P
17		V19752	1861746	78-80/	1	Cable - Ground Start to Engine
18		V19751		78-80/	1	Cable - Ground Engine to Frame
19		V16386		78-80/	1	Cable - Ground Frame to Cab - Replaces TR-16386
20		V53585		78-80/	1	Fuse Holder Assembly - Replaces TRA-53585
21		V48814		78-80/	1	Wire Assembly - Replaces TRA-48814
22		V28298		78-80/	2	Lamp Assembly - 4461
23		V19246		78-80/	1	Switch - Magnetic
24		V91873	1862432	78-80/	1	Switch - Wiper Rear - Replaces 22520
25		V30334	1860105	78-80/	1	Nut - Hex Serrated 1/2" - 13 UNC - Replaces 30334P
26		V30191		78-79/	1	Cable Assembly - Negative
27		V30192		78-79/	1	Cable Assembly - Positive

835 TRACTOR**FIGURE 11B1 - CAB CONSOLE CIRCUIT 80**

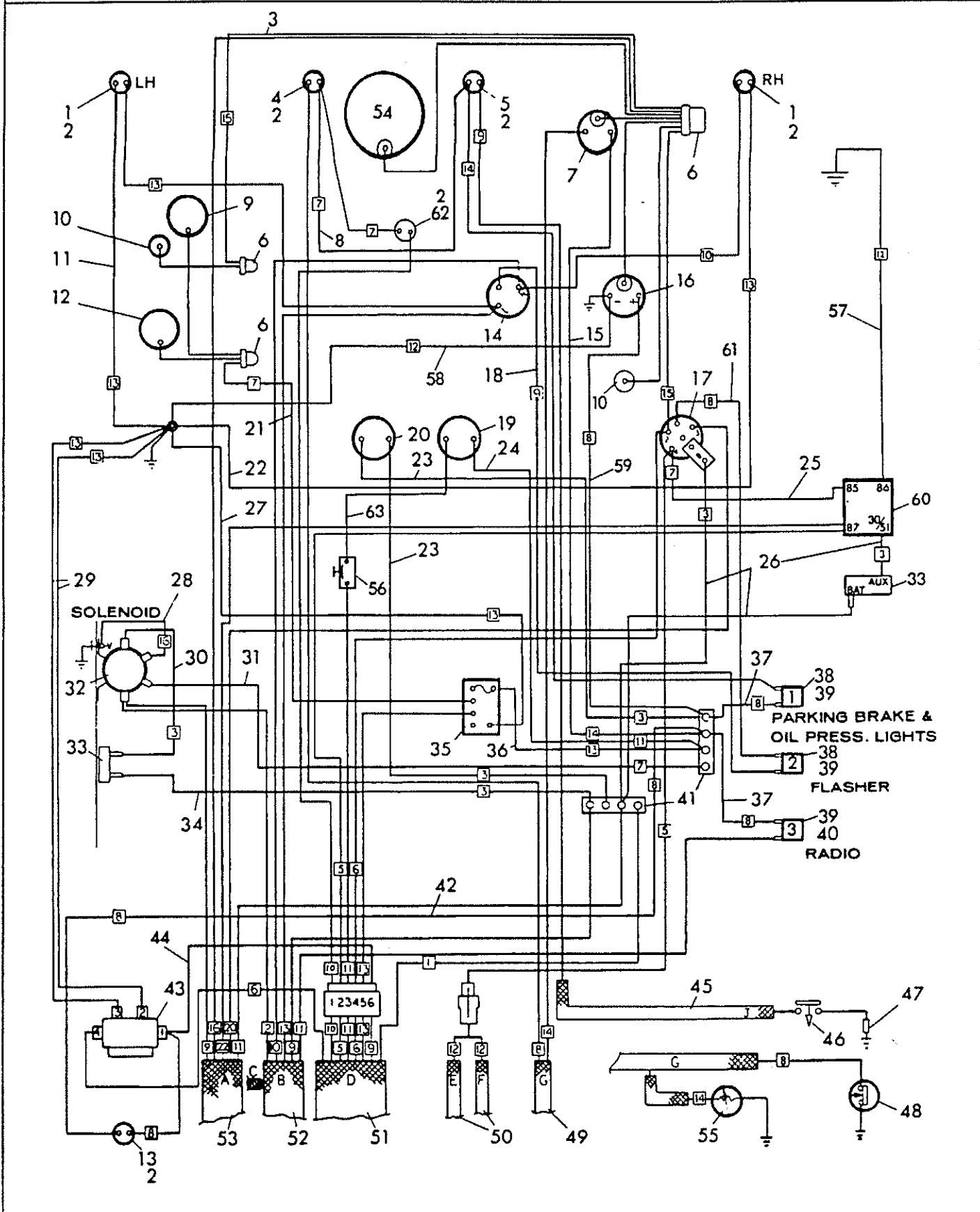
835 TRACTOR

FIGURE 11B1 - CAB CONSOLE CIRCUIT 80
 KABINEKONSOLE KREISLAUF
 CIRCUIT DE CONSOLE DE CABINE
 CIRCUITO DE TABLERO DE CABINA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V29755	3975608	80/	2	Light - Indicator Turn
2		V48909	3976060	80/	5	Bulb - Light
3		V30289		80/	1	Wire
4		V29754		80/	1	Light - Indicator Oil Psi
5		V29753		80/	1	Light - Indicator Brake
6		V15825	3975982	80/	3	Splice - Closed End
7		V29671		80/	1	Gauge - Fuel
8		V30368		80/	1	Wire Assembly - Replaces TRA-30368
9		V15787		80/	1	Gauge - Water Temperature
10		V607T116V51		80/	2	Light - Dash
11		V30297		80/	1	Wire Assembly - Replaces TRA-30297
12		V15788		80/	1	Gauge - Engine Oil Pressure
13		V29751		80/	1	Light - Indicator Alternator
14		V30378		80/	1	Switch - Flasher Turn Signal
15		V30304		80/	1	Wire Assembly - Replaces TRA-30304
16		V35180		80/	1	Voltmeter
17		V28217		80/	1	Switch - Headlamp
18		V30302		80/	1	Wire Assembly - Replaces TRA-30302
19		V361732V1		80/	1	Button - Starter
20		V361731V1		80/	1	Switch - Key
21		V30301		80/	1	Wire Assembly - Replaces TRA-30301
22		V30298		80/	1	Wire Assembly - Replaces TRA-30298
23		V30313		80/	2	Wire Assembly - Replaces TRA-30313
24		V30310		80/	1	Wire Assembly - Replaces TRA-30310
25		V47456		80/	3	Wire Assembly - Replaces TRA-47456
26		V30311		80/	1	Wire Assembly - Replaces TRA-30311
27		V30312		80/	1	Wire Assembly - Replaces TRA-30312
28		V19265		80/	1	Wire Assembly - Ground Magnetic Switch - Replaces TRA-19265
29		V30366		80/	1	Wire Assembly - Replaces TRA-30366
30		V30309		80/	1	Wire Assembly - Replaces TRA-30309
31		V30308		80/	1	Wire Assembly - Replaces TRA-30308
32		V26961		80/	1	Switch - Magnetic Air Conditioner
33		V18018		80/	2	Breaker - Circuit 30A
34		V30305		80/	1	Wire Assembly - Replaces TRA-30305
35		V53030		80/	1	Switch - Magnetic Safety
36		V30306		80/	1	Wire Assembly - Replaces TRA-30306
37		V56030		80/	2	Wire Assembly - Replaces TRA-56030
38		V30019		80/	2	Fuse - 3AG-15-32A
39		V29784		80/	3	Holder - Fuse
40		V30018		80/	1	Fuse - 3AG-2-250V
41		V24760		80/	2	Bar - Bus 4 Terminal
42		V30365		80/	1	Wire Assembly - Replaces TRA-30365
43		V57590	1862426	80/	1	Relay - Charge Indicator
44		V55802		80/	1	Wire Assembly - Replaces TRA-55802
45		V30243		80/	1	Wiring Assembly - Replaces TRA-30243
46		V23755	3975592	80/	1	Switch - Parking Brake
47		V23753		80/	1	Wire Assembly - Ground Brake Switch - Replaces TRA-23753
48		V9703873		80/	1	Sender - Transmission Oil Pressure - Replaces 20381
		V9703874		80/	1	Switch - Boot Use w/Item 48

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FIGURE 11B1 - CAB CONSOLE CIRCUIT 80



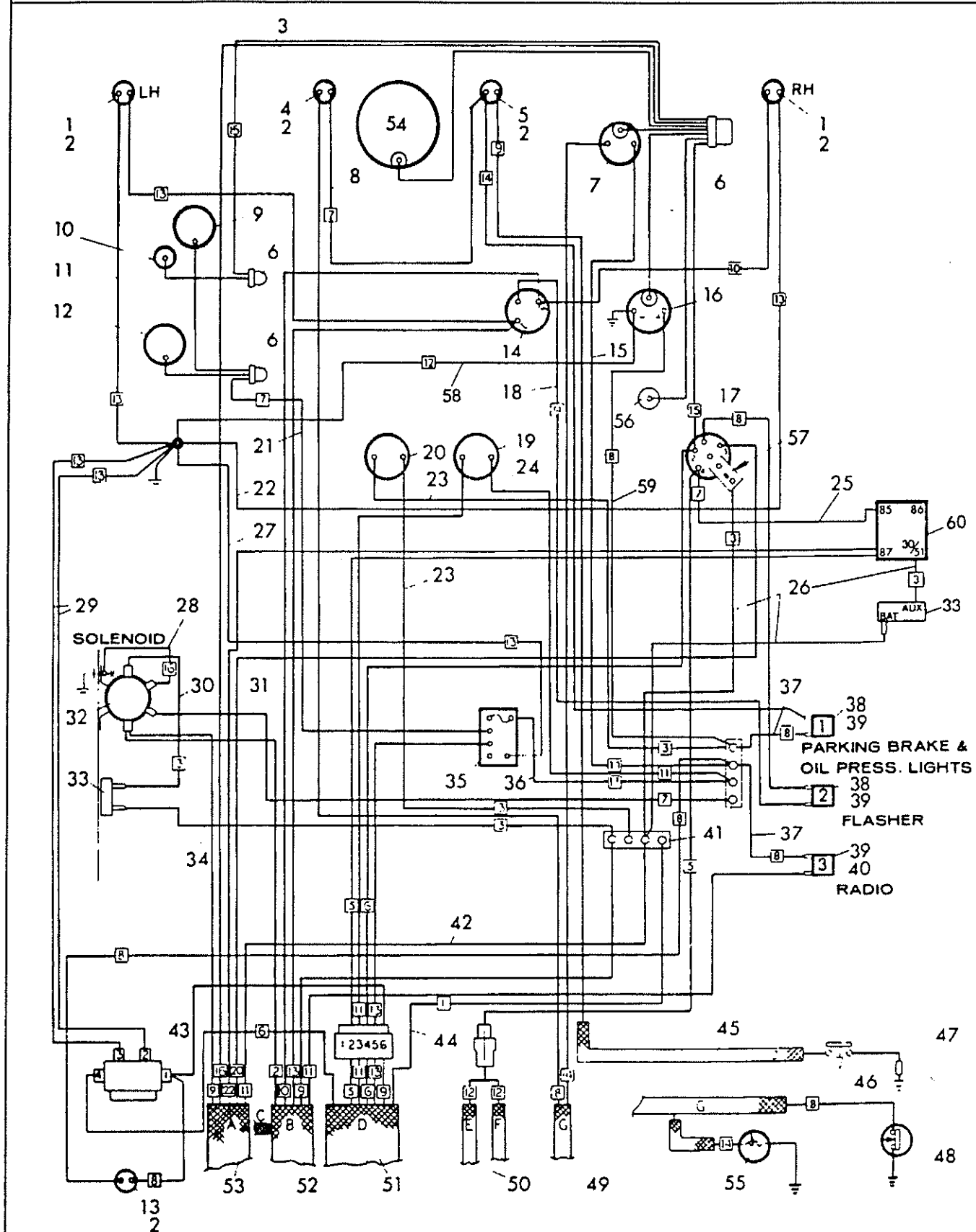
835 TRACTOR

FIGURE 11B1 - CAB CONSOLE CIRCUIT 80
 KABINEKONSOLE KREISLAUF
 CIRCUIT DE CONSOLE DE CABINE
 CIRCUITO DE TABLERO DE CABINA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
49		V30245		80/	1	Wiring Assembly - Replaces TRA-30245
50		V30244		80/	1	Wiring Assembly - Replaces TRA-30244
51		V30247		80/	1	Wiring Assembly - Replaces TRA-30247
52		V48960		80/	1	Wiring Assembly - Replaces TRA-48960
53		V41917		80/	1	Wiring Assembly - Replaces TRA-41917
54		V22163		80/	1	Tachometer
55		V30082		80/	1	Sender - Fuel Gauge
56		V55806	1860719	80/	1	Switch - Neutral Safety
57		V47455		80/	1	Wire Assembly - Replaces TRA-47455
58		V48996		80/	1	Wire Assembly - Replaces TRA-48996
59		V48994		80/	1	Wire Assembly - Replaces TRA-48994
60		V18020		80/	1	Relay
61		V30300		80/	1	Wire Assembly - Replaces TRA-30300
62		V56537		80/	1	Light - Indicator Hydraulic Oil
63		V55808		80/	1	Wire Assembly - Replaces TRA-55808

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FIGURE 11B2 - CAB CONSOLE CIRCUIT 78-79



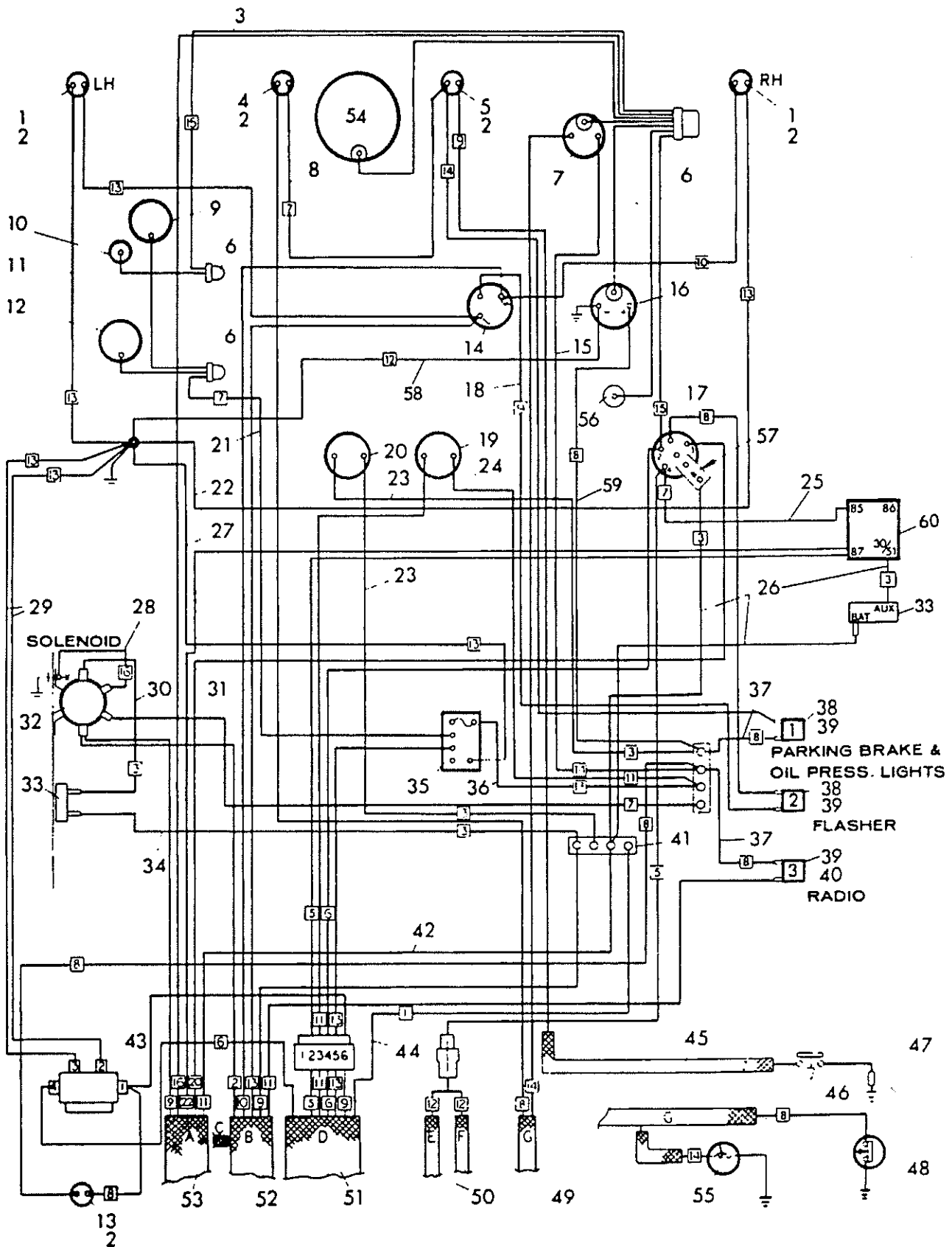
835 TRACTOR

FIGURE 11B2 - CAB CONSOLE CIRCUIT 78-79
 KABINEKONSOLE KREISLAUF
 CIRCUIT DE CONSOLE DE CABINE
 CIRCUITO DE TABLERO DE CABINA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V29755	3975608	78-79/	2	Light - Indicator Turn
2		V48909	3976060	78-79/	5	Bulb - Light - Replaces 30027
3		V30289		78-79/	1	Wire
4		V29754		78-79/	1	Light - Indicator Oil Psi
5		V29753		78-79/	1	Light - Indicator Brake
6		V15825	3975982	78-79/	3	Splice - Closed End
7		V29671		78-79/	1	Gauge - Fuel
8		V30368		78-79/	1	Wire Assembly - Replaces TRA-30368
9		V15787		78-79/	1	Gauge - Water Temperature
10		V607T116V51		78-79/	2	Light - Dash
11		V30297		78-79/	1	Wire Assembly - Replaces TRA-30297
12		V15788		78-79/	1	Gauge - Engine Oil Pressure
13		V29751		78-79/	1	Light - Indicator Alternator
14		V30378		78-79/	1	Switch - Flasher Turn Signal
15		V30304		78-79/	1	Wire Assembly - Replaces TRA-30304
16		V35180		78-79/	1	Voltmeter - Replaces 26945
17		V28217		78-79/	1	Switch - Headlamp
18		V30302		78-79/	1	Wire Assembly - Replaces TRA-30302
19		V361732V1		78-79/	1	Button - Starter
20		V361731V1		78-79/	1	Switch - Key
21		V30301		78-79/	1	Wire Assembly - Replaces TRA-30301
22		V30298		78-79/	1	Wire Assembly - Replaces TRA-30298
23		V30313		78-79/	2	Wire Assembly - Replaces TRA-30313
24		V30310		78-79/	1	Wire Assembly - Replaces TRA-30310
25		V47456		78-79/	3	Wire Assembly - Replaces TRA-47456
26		V30311		78-79/	1	Wire Assembly - Replaces TRA-30311
27		V30312		78-79/	1	Wire Assembly - Replaces TRA-30312
28		V19265		78-79/	1	Wire Assembly - Ground Magnetic Switch - Replaces TRA-19265
29		V30366		78-79/	1	Wire Assembly - Replaces TRA-30366
30		V30309		78-79/	1	Wire Assembly - Replaces TRA-30309
31		V30308		78-79/	1	Wire Assembly - Replaces TRA-30308
32		V26961		78-79/	1	Switch - Magnetic Air Conditioner
33		V18018		78-79/	2	Breaker - Circuit 30A
34		V30305		78-79/	1	Wire Assembly - Replaces TRA-30305
35		V53030		78-79/	1	Switch - Magnetic Safety - Replaces 30023
36		V30306		78-79/	1	Wire Assembly - Replaces TRA-30306
37		V30299		78-79/	2	Wire Assembly - Replaces TRA-30299
38		V30019		78-79/	2	Fuse - 3AG-15-32A
39		V29784		78-79/	3	Holder - Fuse
40		V30018		78-79/	1	Fuse - 3AG-2-250V
41		V24760		78-79/	2	Bar - Bus 4 Terminal
42		V30365		78-79/	1	Wire Assembly - Replaces TRA-30365
43		V26963		78-79/	1	Relay - Charge Indicator
44		V30369		78-79/	1	Wire Assembly - Replaces TRA-30369
45		V30243		78-79/	1	Wiring Assembly - Replaces TRA-30243
46		V23755	3975592	78-79/	1	Switch - Parking Brake
47		V23753		78-79/	1	Wire Assembly - Ground Brake Switch - Replaces TRA-23753
48		V9703873		78-79/	1	Sender - Transmission Oil Pressure - Replaces 20381
		V9703874		78-79/	1	Switch - Boot Use w/Item 48

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FIGURE 11B2 - CAB CONSOLE CIRCUIT 78-79



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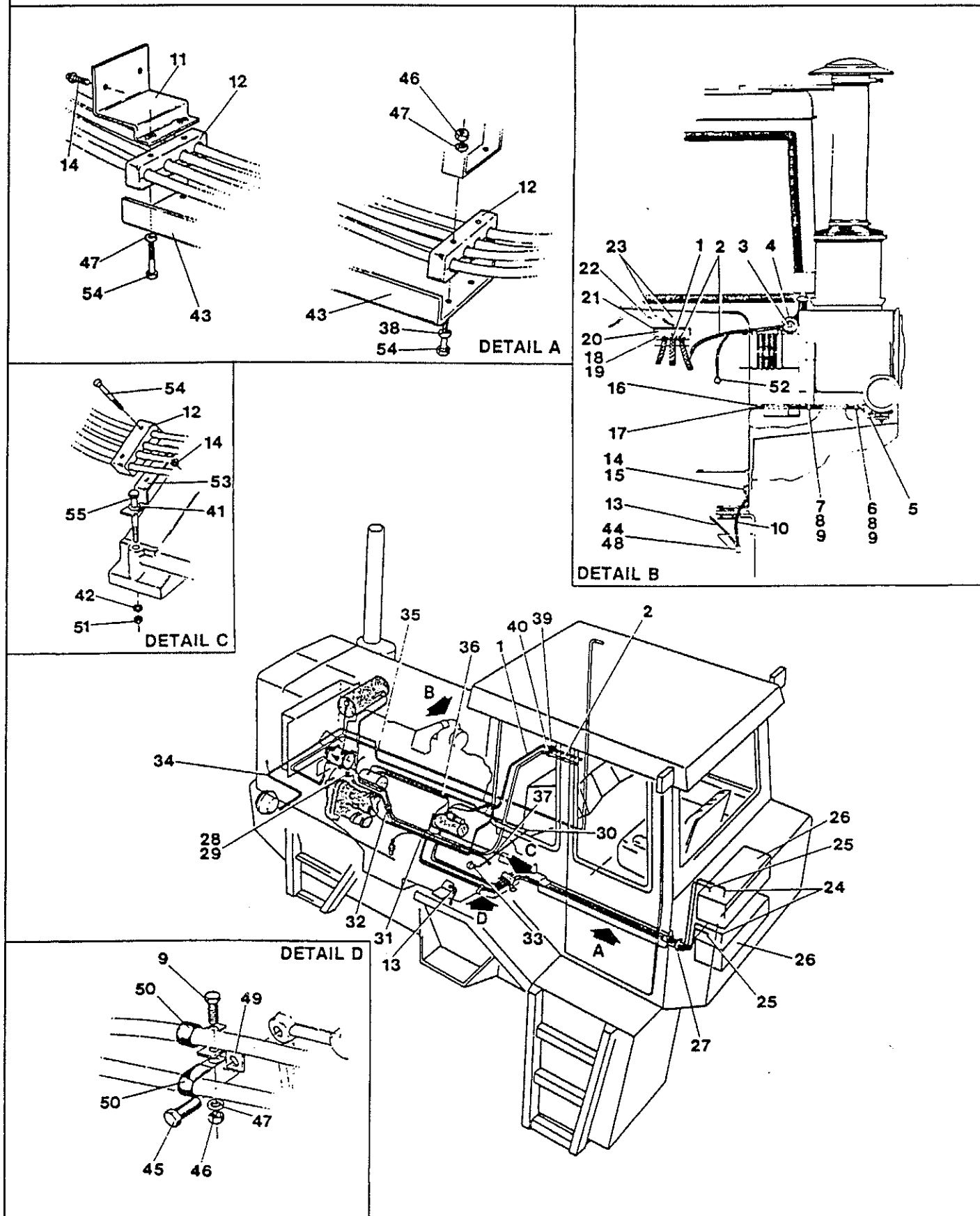
FIGURE 11B2 - CAB CONSOLE CIRCUIT 78-79
 KABINEKONSOLE KREISLAUF
 CIRCUIT DE CONSOLE DE CABINE
 CIRCUITO DE TABLERO DE CABINA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
49		V30245		78-79/	1	Wiring Assembly - Replaces TRA-30245
50		V30244		78-79/	2	Wiring Assembly - Replaces TRA-30244
51		V30247		78-79/	1	Wiring Assembly - Replaces TRA-30247
52		V30248		78-79/	1	Wiring Assembly - Replaces TRA-30248
53		V41917		78-79/	1	Wiring Assembly - Replaces TRA-41917
54				78-79/	AR	Tachometer - Refer to Section F-13
55				78-79/	AR	Sender - Fuel Gauge - Refer to Section B-12
56				78-79/	AR	Gauge - Lamp Vacuum Refer to Section F-13
57		V32407		78-79/	1	Breaker - Circuit 40A
58		V48996		78-79/	1	Wire Assembly - Replaces TRA-48996
59		V48994		78-79/	1	Wire Assembly - Replaces TRA-48994
60		V18020		78-79/	1	Relay

AR - As Required

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FIGURE 11C1 - ENGINE ELECTRICAL CIRCUIT 83-84



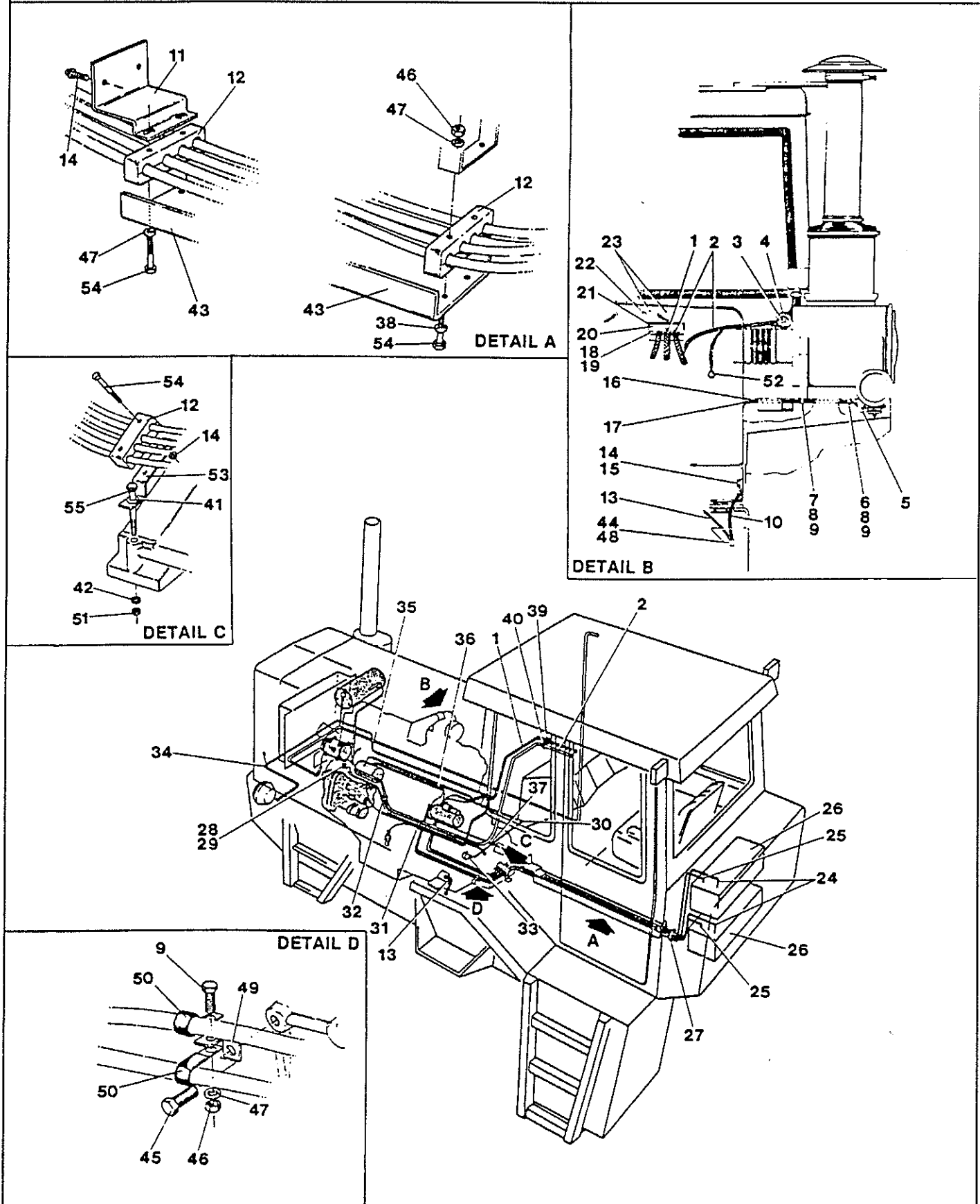
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FIGURE 11C1 - ENGINE ELECTRICAL CIRCUIT 83-84
 MOTOR ELEKTRISCHE KREISLAUF
 CIRCUIT ELECTRIQUE MOTEUR
 CIRCUITO ELÉCTRICO MOTOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58198		83-84/	1	Harness - Wiring Instrument Panel to Engine
2		V58061		83-84/	1	Harness - Wiring Engine Sensors
3		V30445		83-84/	1	Adaptor - Swivel 90° Female
4		V61080		83-84/	1	Switch - Vacuum
5		V31425		83-84/	2	Grommet
6		V600T164	1861584	83-84/	2	Clip - L.H. Fender Only
7		V15741	1859740	83-84/	2	Clamp - R.H. Fender Only
8		V12108	3975927	83-84/	4	Nut - Lock Nylon Insert 1/4" - 20 UNC - Replaces 12108P
9		V12231	3975932	83-84/	5	Screw - Cap Hex Grade 5 1/4" - 20 UNC x 3/4" - Replaces 12231P
10		V16386		83-84/	1	Cable - Frame to Cab Ground
11		V68632		83-84/	1	Bracket - Battery Cable Channel Mounting
12		V68324	1861751	83-84/	6	Clamp - Half
13		V19751		83-84/	1	Cable - Engine to Frame Ground
14		V29804	3975611	83-84/	3	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
15		V29940	3975619	83-84/	1	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
16		V57964		83-84/	1	Harness - Wiring Front Lights
17		V31520		83-84/	2	Seal
18		V12087	1861067	83-84/	2	Washer - Lock Helical Spring 5/16" ID
19		V15823		83-84/	2	Screw - Hex Slotted 5/16" - 18 UNC x 1"
20		V58214		83-84/	1	Plate - Firewall Cover
21		V8854002		83-84/	1	Weatherstrip - Replaces 58217
22		V21496	1861629	83-84/	1	Plug - Button 7/16" Dia
23		V50769		83-84/	2	Plug - Button 13/16" Dia
24		V71030		83-84/	2	Cable Assembly - Negative
25		V71029		83-84/	1	Cable Assembly - Positive
26		V26728		83-84/	2	Battery - 12V
27		V2747	3975860	83-84/	2	Strap - Tie
28		V58272		83-84/	1	Sender - Tachometer Includes: 29
29		V76020		83-84/	1	Tang - Drive
30		V15826		83-84/	1	Harness - Wiring Starter to Magnetic Switch
31		V2748	3975863	83-84/	22	Strap - Tie
32		V23867	3975594	83-84/	10	Strap - Tie
33		V19246		83-84/	1	Switch - Magnetic
34		V28298		83-84/	1	Wiring Assembly - Lamp - Replaces 48893
35		V57967		83-84/	1	Wiring Assembly - Roof to Console
36		V57977		83-84/	1	Harness - Wiring Alternator to Starter
37		V19752		83-84/	1	Cable - Starter to Engine Ground
38		V47358	3975820	83-84/	2	Washer - Plain 9/32" ID x 5/8" OD x 16 GA
39		V13573	1862142	83-84/	1	Grommet
40		V15742		83-84/	2	Grommet
41		V47360	3975822	83-84/	2	Washer - Plain 13/32" ID x 13/16" OD x 16 GA
42		V12011	3975908	83-84/	1	Washer - Lock Helical Spring 3/8" ID - Replaces 12011P
43		V68631		83-84/	1	Channel - Battery Cable

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FIGURE 11C1 - ENGINE ELECTRICAL CIRCUIT 83-84



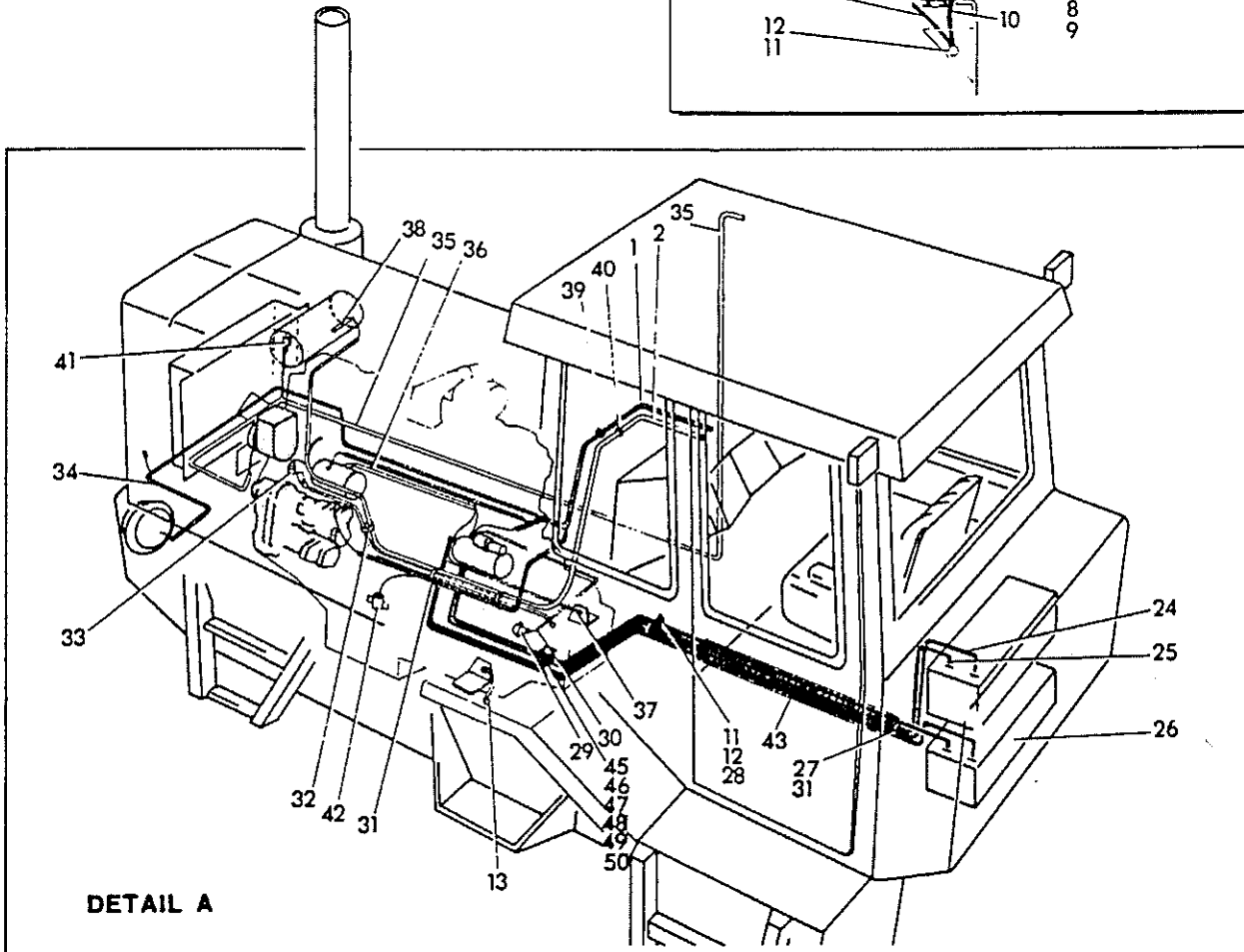
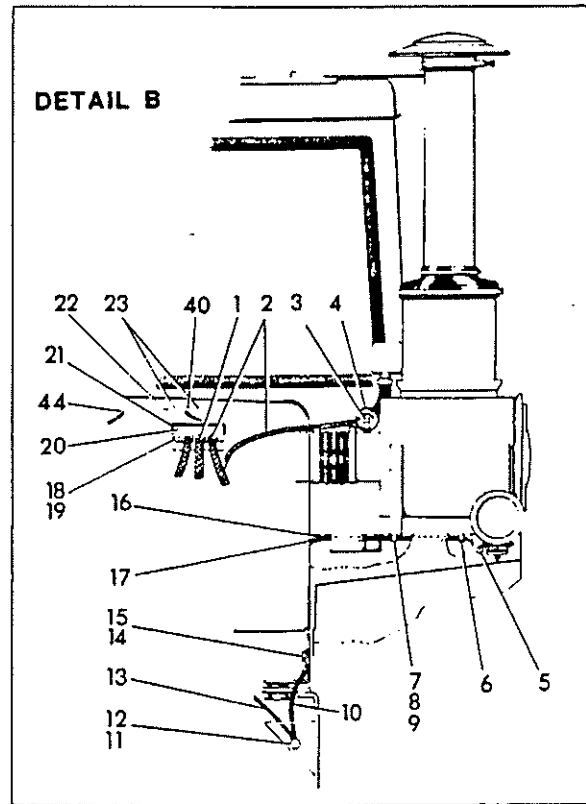
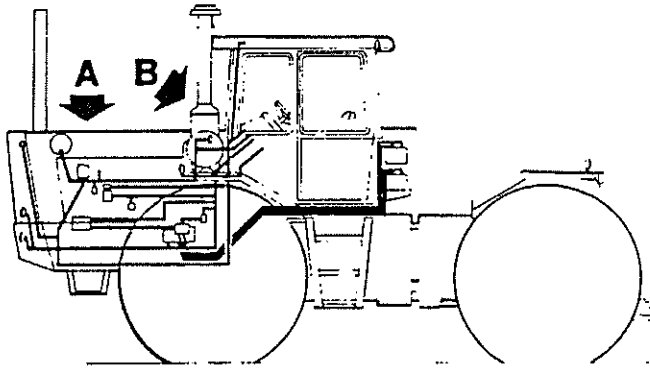
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FIGURE 11C1 - ENGINE ELECTRICAL CIRCUIT 83-84
 MOTOR ELEKTRISCHE KREISLAUF
 CIRCUIT ELECTRIQUE MOTEUR
 CIRCUITO ELÉCTRICO MOTOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
44		V30944	1860314	83-84/	1	Screw - Flange - Hex Serrated 1/2" - 13 UNC x 1" - Replaces 30944P
45		V12238	1861213	83-84/	1	Screw - Cap Grade 5 1/2" - 13 UNC x 3/4" - Replaces 12238P
46		V7770	3975895	83-84/	1	Nut - Hex 1/4" - 20 UNC - Replaces 7770P
47		V12004	3975905	83-84/	5	Washer - Lock Helical Spring 1/4" ID - Replaces 12004P
48		V30334	1860105	83-84/	1	Nut - Flange - Hex Serrated 1/2" - 13 UNC - Replaces 30334P
49		V68106		83-84/	1	Bracket - Battery Cable
50		V22032	1861440	83-84/	2	Clamp - Hose
51		V12037	3975909	83-84/	1	Nut - Hex 3/8" - 16 UNC - Replaces 12037P
52		V29991	3975622	83-84/	1	Nut - Flange - Hex Serrated 5/16" - 18 UNC - Replaces 29991P
53		V68672		83-84/	1	Bracket - Mounting
54		V12598	3975947	83-84/	6	Screw - Cap Grade 5 1/4" - 20 UNC x 2" - Replaces 12598P
55		V12048	1861498	83-84/	1	Screw - Cap Grade 5 3/8" - 16 UNC x 4-1/2" - Replaces 12048P

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FIGURE 11C2 - ENGINE ELECTRICAL CIRCUIT 81-83



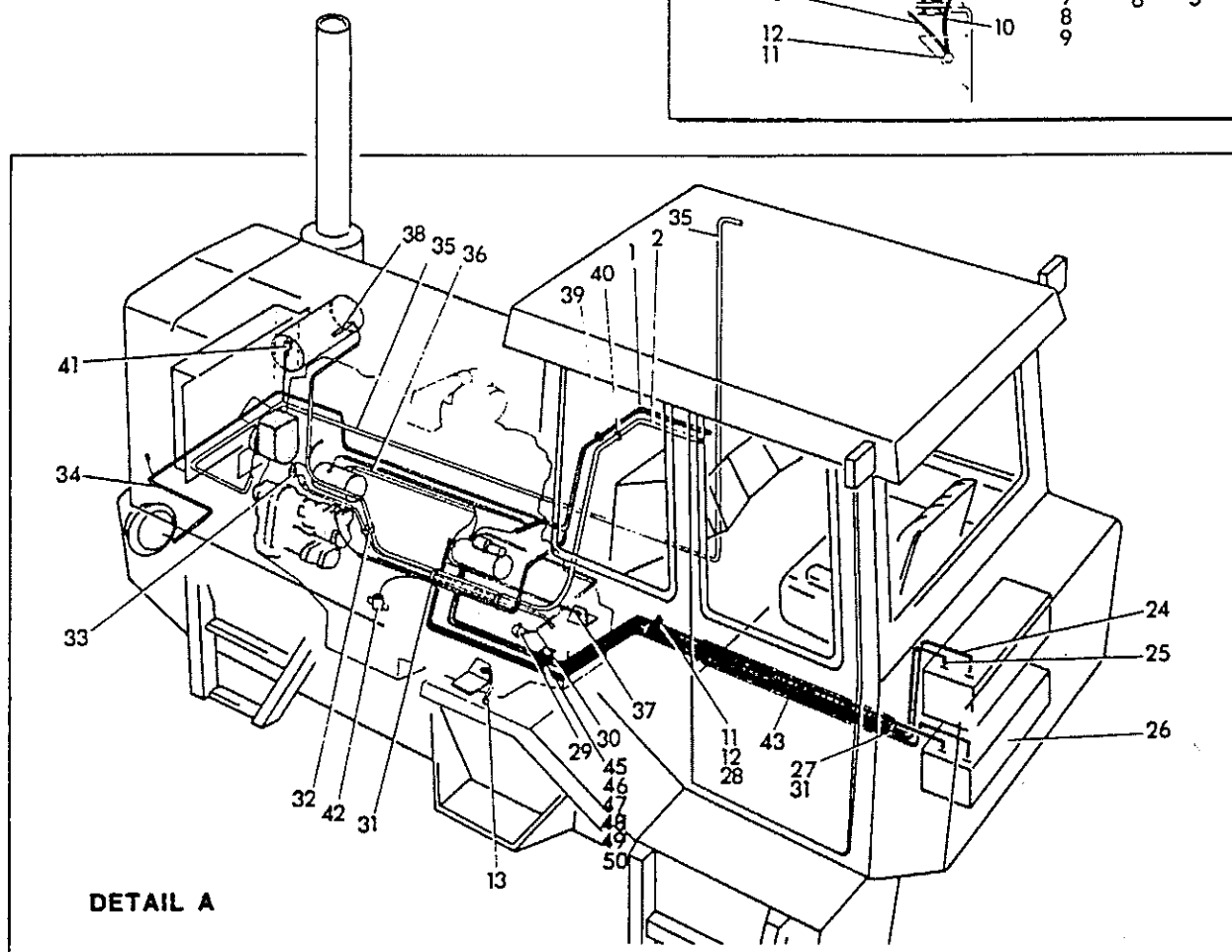
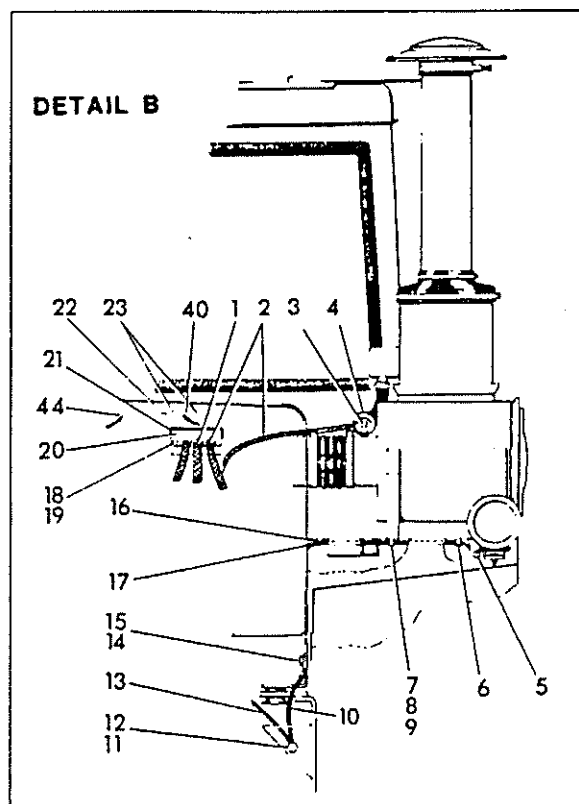
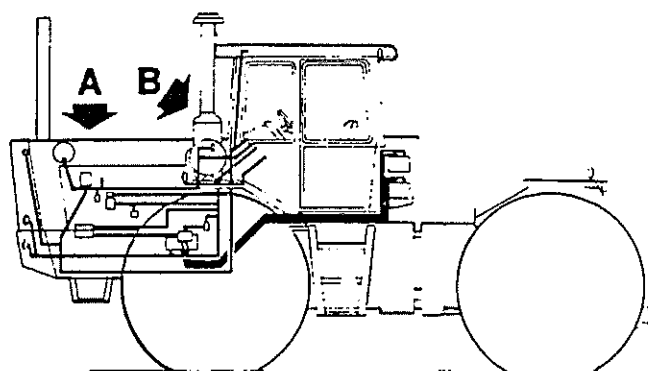
835 TRACTOR

FIGURE 11C2 - ENGINE ELECTRICAL CIRCUIT 81-83
 MOTOR ELEKTRISCHE KREISLAUF
 CIRCUIT ÉLECTRIQUE MOTEUR
 CIRCUITO ELÉCTRICO MOTOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58198		81-83/	1	Harness - Instrument Panel Engine
2		V58061		81-83/	1	Harness - Engine Sensors
3		V30445		81-83/	1	Adaptor - Swivel 90° Female
4		V58210		81-83/	1	Switch - Vacuum
5		V31425		81-83/	2	Grommet
6		V600T164	1861584	81-83/	2	Clip - L.H. Fender Only
7		V15741	1859740	81-83/	2	Clamp - R.H. Fender Only
8		V12108	3975927	81-83/	2	Nut - Lock Nylon Insert 1/4" - 20 UNC R.H. Fender Only - Replaces 12108P
9		V12231	3975932	81-83/	2	Screw - Cap Hex Grade 5 1/4" - 20 UNC x 3/4" R.H. Fender Only - Replaces 12231P
10		V16386		81-83/	1	Cable - Ground Frame to Cab
11		V30944	1860314	81-83/	1	Screw - Flange - Hex Serrated 1/2" - 13 UNC x 1" - Replaces 30944P
12		V30334	1860105	81-83/	1	Nut - Flange - Hex Serrated 1/2" - 13 UNC - Replaces 30334P
13		V19751		81-83/	1	Cable - Ground Engine to Frame
14		V29804	3975611	81-83/	1	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
15		V29940	3975619	81-83/	1	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
16		V57964		81-83/	1	Harness - Front Lights
17		V31520		81-83/	2	Seal
18		V12087	1861067	81-83/	2	Washer - Lock Helical Spring Medium 5/16" ID
19		V15823		81-83/	2	Screw - Hex Slotted 5/16" - 18 UNC x 1"
20		V58214		81-83/	1	Plate - Firewall Cover
21		V8854002		81-83/	1	Weatherstrip - Replaces 58217
22		V21496	1861629	81-83/	1	Plug - Button 7/16" Dia
23		V50769		81-83/	2	Plug - Button 13/16" Dia
24		V15875		81-83/	2	Cable Assembly - Negative
25		V15874		81-83/	1	Cable Assembly - Positive
26		V26728		81-83/	2	Battery - 12V
27		V2747	3975860	81-83/	2	Strap - Tie
28		V31103		81-83/	3	Clamp
29		V19246		81-83/	1	Switch - Magnetic
30		V15826		81-83/	1	Wiring Assembly - Starter to Magnetic Switch
31		V2748	3975863	81-83/	22	Strap - Tie
32		V23867	3975594	81-83/	10	Strap - Tie
33		V58272		81-83/	1	Sender - Tachometer
34		V28298		81-83/	1	Wiring Assembly - Lamp - Replaces 48893
35		V57967		81-83/	1	Wiring Assembly - Roof to Console
36		V57977		81-83/	1	Harness - Alternator to Starter
37		V19752	1861746	81-83/	1	Cable - Ground Starter to Engine
38		V58003		81-83/	1	Probe - Coolant Level
39		V13573	1862142	81-83/	1	Grommet
40		V15742		81-83/	3	Grommet

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FIGURE 11C2 - ENGINE ELECTRICAL CIRCUIT 81-83



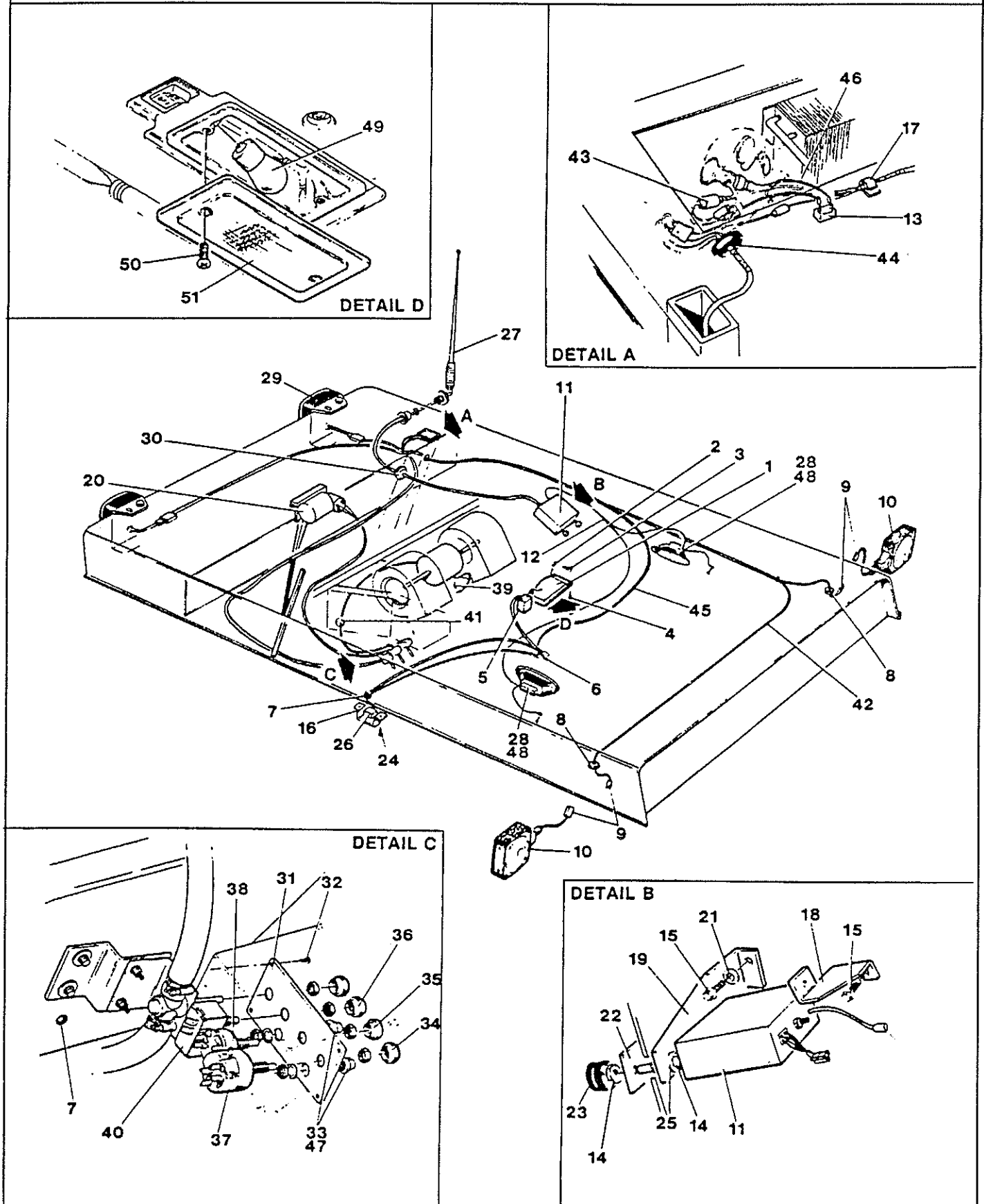
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FIGURE 11C2 - ENGINE ELECTRICAL CIRCUIT 81-83
 MOTOR ELEKTRISCHE KREISLAUF
 CIRCUIT ELECTRIQUE MOTEUR
 CIRCUITO ELÉCTRICO MOTOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
41		V30377		81-83/	1	Switch - High Pressure
42		V56526		81-83/	1	Switch - Hydraulic Oil Temperature
43		V8821004		81-83/	2	Loom - Electrical Split 50" - Replaces 50954
44		V15810		81-83/	1	Grommet - Rubber
45		V12238	1861213	82-83/	1	Screw - Cap Grade 5 1/2" x 13 UNC x 3/4" - Replaces 12238P
46		V7770	3975895	82-83/	1	Nut - Hex 1/4" x 20 UNC - Replaces 7770P
47		V12004P	3975905	82-83/	1	Washer - Lock 1/4" ID
48		V12231	3975932	82-83/	1	Screw - Cap Grade 5 1/4" x 20 UNC x 3/4" - Replaces 12231P
49		V68106		82-83/	1	Bracket - Battery Cable
50		V22032	1861440	82-83/	2	Clamp - Hose

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FIGURE 11D1 - ROOF ELECTRICAL 81-84



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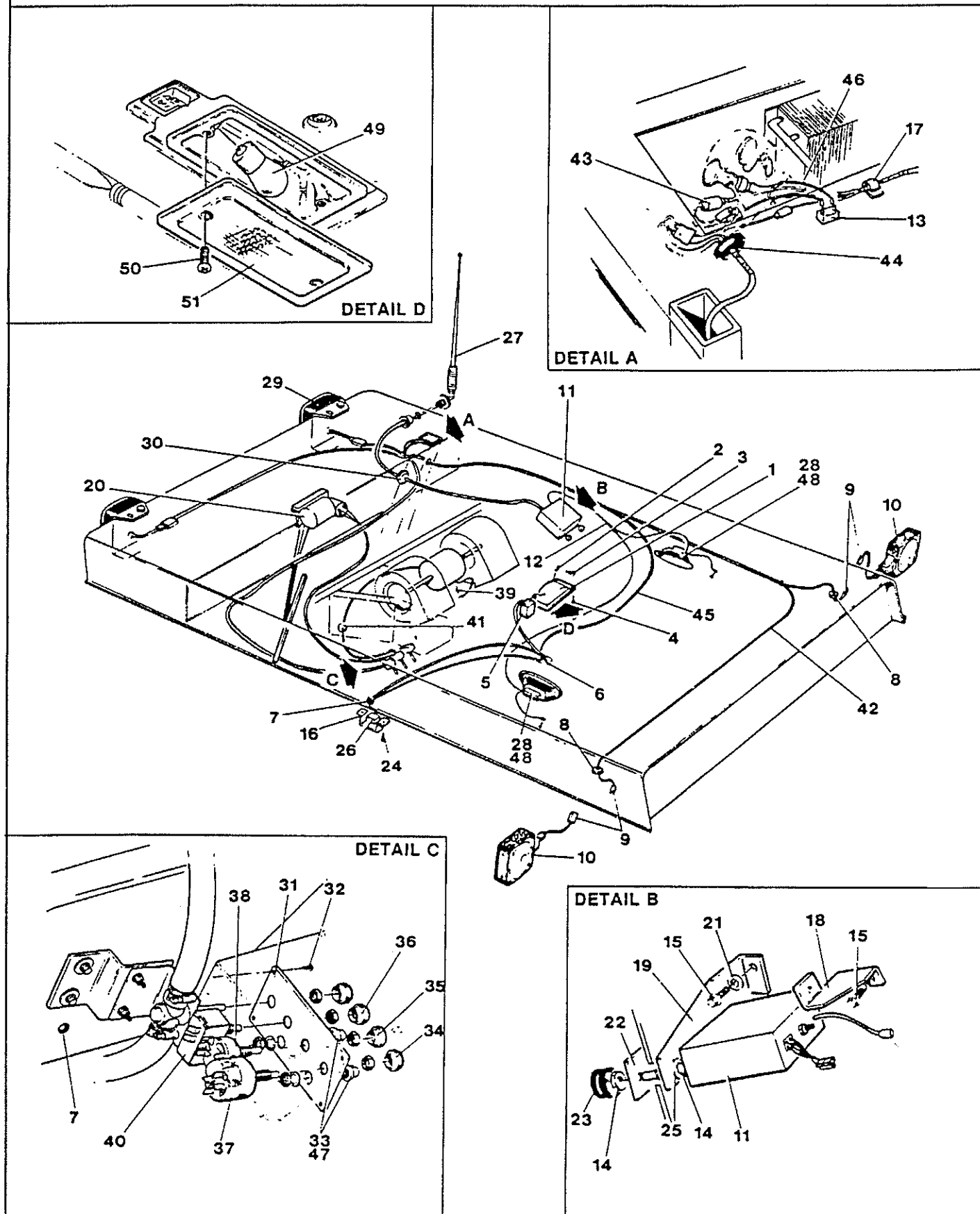
FIGURE 11D1 - ROOF ELECTRICAL 81-84
 DACH ELEKTRISCHE ANLAGE
 SYSTÈME ELECTRIQUE DE TOIT
 SISTEMA ELECTRICO DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30996		81-84/	1	Light - Dome
2		V30983		81-84/	1	Ground Wire Assembly - Dome Light
3				81-84/	1	Screw - #8 x 1/2"
4		V32625		81-84/	4	Screw - #8 x 3/4"
5		V30997		81-84/	1	Switch - Dome Light
6		V30991		81-84/	1	Wire Assembly - Dome Light
7		V32626		81-84/	1	Grommet - 1/4" ID x 1/2" OD
8		V15614		81-84/	2	Grommet - 1/4" ID
9		V15825	3975982	81-84/	2	Splice - Closed End
10				81-84/	AR	Lamp Assembly - Warning - See Lights This Section
11		V70506		81-84/	1	Radio - Stereo Cassette - Replaces 57034 & 77365 Includes: 12, 14, 22, 23 & 25
12		V57664		81-84/	1	Harness - Wiring Radio
13		V36216		81-84/	1	Breaker - Circuit 5 Amp
14		V36594	1862462	81-84/	4	Nut - Hex 5/16" - 32 UNC
15		V30081	3975625	81-84/	2	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
16		V29342		81-84/	1	Bracket - Door Switch
17		V30992		81-84/	7	Clamp - Wire
18		V31515		81-84/	1	Bracket - Rear Radio
19		V31514		81-84/	1	Bracket - Front Radio
20				81-84/	AR	Wiper Motor Assembly - Front Windshield - See Windshield Wipers & Antenna This Section
21		V18602	3976000	81-84/	2	Washer - Plain 3/8" ID x 7/8" OD x 16 GA
22		V57758		81-84/	1	Plate - Face Black
23		V57759	1862461	81-84/	2	Knob - Black
24		V301T155		81-84/	2	Screw - Self-Tapping
25		V36595	1862463	81-84/	4	Washer - Plain 5/16" ID x 5/8" OD x 22 GA
26		V23755	3975592	81-84/	1	Switch - Door
27				81-84/	AR	Antenna - Radio - See Windshield Wipers & Antenna This Section
28		V30571		81-84/	2	Speaker
29				81-84/	AR	Lamp Assembly - Warning R.H. - See Lights This Section
30		V30581		81-84/	1	Grommet - 1/4" ID x 1" OD
31		V30963		81-84/	1	Plate - Switch

AR - As Required

835 TRACTOR

FIGURE 11D1 - ROOF ELECTRICAL 81-84



835 TRACTOR

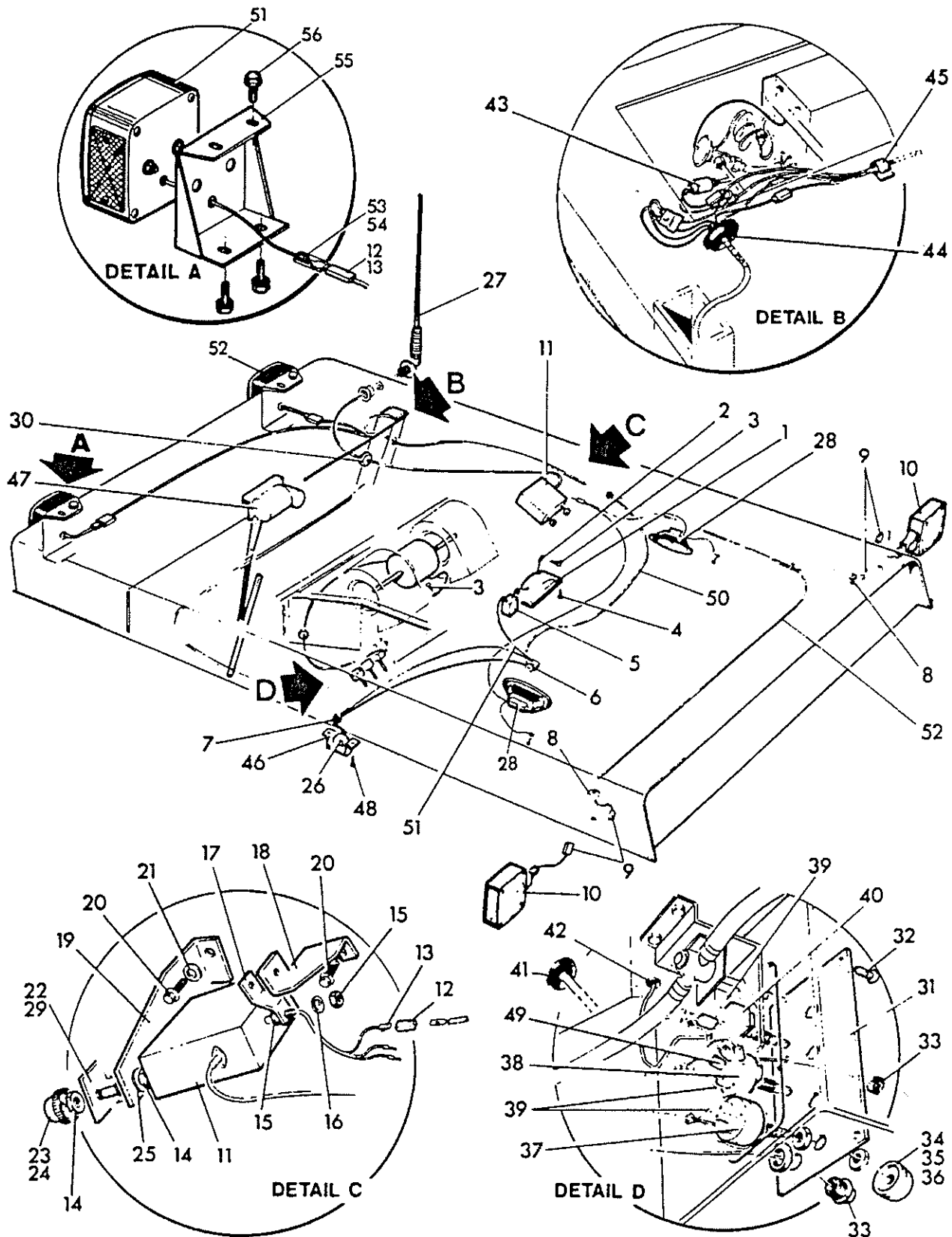
FIGURE 11D1 - ROOF ELECTRICAL 81-84
 DACH ELEKTRISCHE ANLAGE
 SYSTÈME ELECTRIQUE DE TOIT
 SISTEMA ELECTRICO DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
32		V32622		81-84/	4	Screw - Oval Head Black
33		V30968		81-84/	2	Light - Indicator
34		V30972		81-84/	1	Knob - Wiper
35		V30971		81-84/	1	Knob - Blower
36		V30970		81-84/	1	Knob - Thermostat
37		V91873	1862432	81-84/	1	Switch - Wiper - Replaces 22520
38		V30999		81-84/	1	Switch - Blower
39		V17862	1862434	81-84/	1	Screw - Self-Tapping - Replaces 17862P
40		V31505	3975634	81-84/	1	Switch - Thermostat
41		V32614		81-84/	1	Grommet - 9/32" ID
42		V30979		81-84/	1	Wire Assembly - Flasher
43		V31509		81-84/	1	Switch - Low Pressure
44		V32616		81-84/	1	Grommet
45		V30984		83-84/	1	Wire Assembly - Power
46		V58319		83-84/	1	Harness - Wiring Roof
47		V48909	3976060	83-84/	2	Bulb - Light - Replaces 30027
48				83-84/	AR	Grill - Speaker - See Roof Structure - Section 1
49		V86475	3977786	83-84/	1	Bulb - Light
50		V86494	3977790	83-84/	2	Screw - Machine #8 - 32 UNF x 5/16"
51		V79561	3977843	83-84/	1	Lens - Dome Light

AR - As Required

835 TRACTOR

FIGURE 11D2 - ROOF ELECTRICAL 80



835 TRACTOR

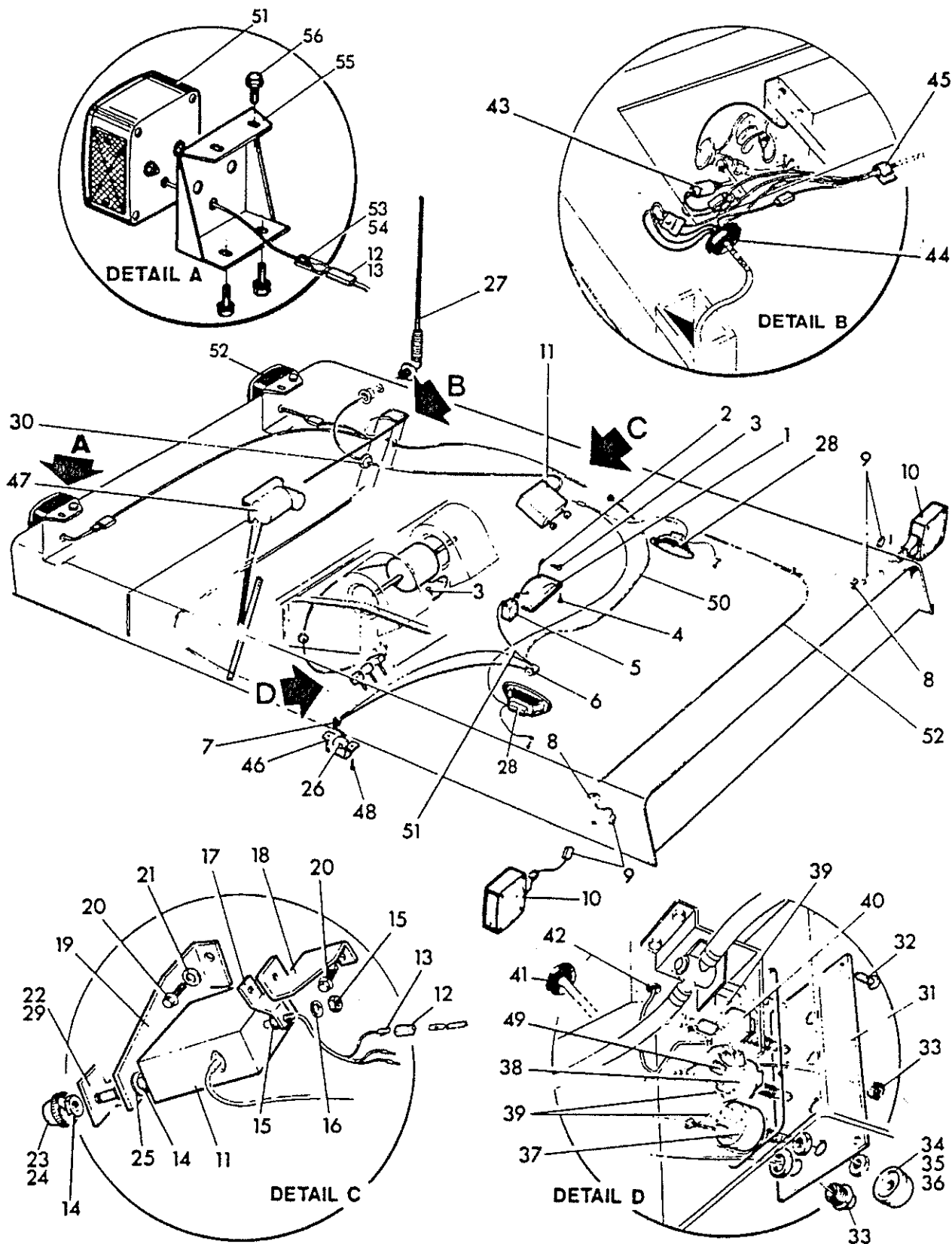
FIGURE 11D2 - ROOF ELECTRICAL 80
 DACH ELEKTRISCHE ANLAGE
 SYSTÈME ELECTRIQUE DE TOIT
 SISTEMA ELÉCTRICO DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30996		80/	1	Light - Dome
2		V30983		80/	1	Dome Light Ground Wire Assembly
3				80/	1	Screw - 1/2" #8
4		V32625		80/	4	Screw - Flat Head 3/4" #8
5		V30997		80/	1	Switch - Dome Light
6		V30991		80/	1	Wire Assembly - Dome Light
7		V32626		80/	1	Grommet - 1/4" Bore Dia
8		V15614		80/	2	Grommet - 1/4" ID
9		V12461		80/	2	Splice - Butt
10		V51351		80/	2	Lamp - Warning - Replaces 30041
11		V70506		80/	1	Radio - Stereo Cassette - Replaces 57034
12		V57664		80/	1	Harness - Wiring
13		V36216		80/	1	Breaker - Circuit
14		V36594	1862462	80/	4	Nut - Hex
15		V30081		80/	6	Bolt - Serrated Washer Head 1/4" UNC x 1/2" Long - Replaces 30081P
16		V48955		80/	2	Mounting - Lamp Warning - Replaces TR-48955
17		V14013	3975971	80/	2	Tap - Housing
18		V31515		80/	1	Bracket - Rear Radio
19		V31514		80/	1	Bracket - Front Radio
20				80/	4	Bolt - Hex Whiz 1/4" x 1/2" 20 NC
21		V18602	3976000	80/	2	Washer - Flat 3/8"
22		V57758	1862464	80/	1	Plate - Face Black
23		V57759	1862461	80/	2	Knob - Black
24		V14008		80/	2	Terminal - Faston
25		V36595	1862463	80/	4	Washer - Flat 3/8"
26		V23755	3975592	80/	1	Switch - Parking Brake
27		V47614	1862468	80/	AR	Antenna - Radio - See Windshield Wipers & Antenna This Section
28		V30571		80/	2	Speaker
29		V48956		80/	1	Lamp - Warning R.H. - Replaces TRA-48956
30		V30581		80/	1	Grommet - 1/4" ID x 1" OD
31		V30963		80/	1	Plate - Switch
32		V32622		80/	4	Screw - Oval Head Black
33		V30968		80/	2	Light - Indicator
34		V30972		80/	1	Knob - Wiper
35		V30971		80/	1	Knob - Blower
36		V30970		80/	1	Knob - Thermostat

AR - As Required

835 TRACTOR

FIGURE 11D2 - ROOF ELECTRICAL 80



835 TRACTOR

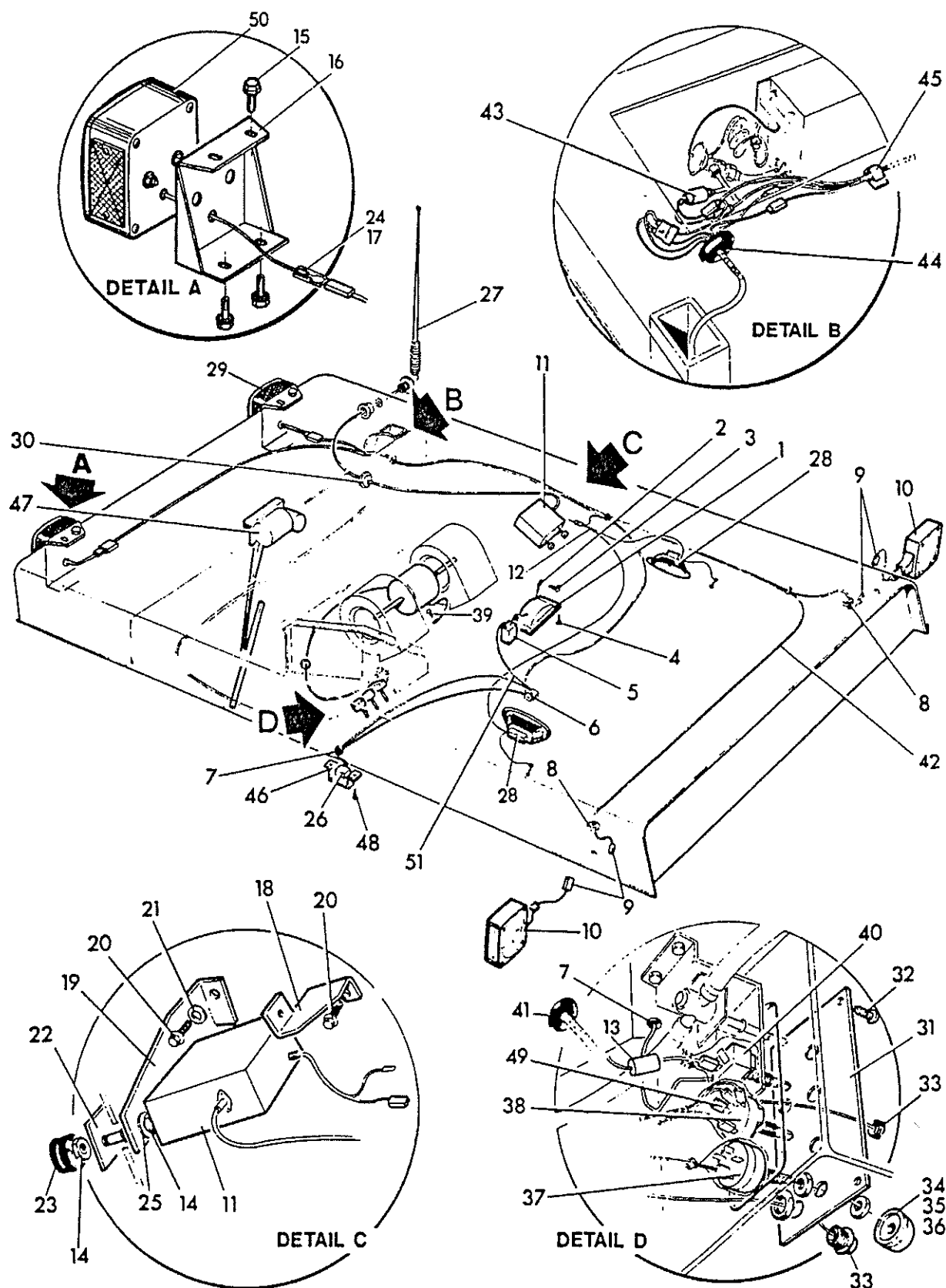
FIGURE 11D2 - ROOF ELECTRICAL 80
 DACH ELEKTRISCHE ANLAGE
 SYSTÈME ELECTRIQUE DE TOIT
 SISTEMA ELÉCTRICO DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
37		V91873	1861046	80/	1	Switch - Wiper - Replaces 22520
38		V30999		80/	1	Switch - Blower
39		V17862	1862434	80/	1	Screw - Self-Tapping - Replaces 17862P
40		V31505	3975634	80/	1	Switch - Thermostat
41		V32614		80/	1	Grommet - 9/32" Bore
42		V30979		80/	1	Wire Assembly - Flasher
43		V31509		80/	1	Switch - Low Pressure
44		V32616		80/	1	Grommet
45		V30992		80/	7	Clamp - Wire
46		V29342		80/	1	Bracket - Door Switch - Replaces TR-29342
47				80/	AR	Wiper - Windshield - Refer to Section F
48		V301T155		80/	2	Screw - Self-Tapping
49		V31496		80/	3	Connector - Body
50		V48957		80/	1	Lamp - Warning L.H. - Replaces TRA-48957

AR - As Required

835 TRACTOR

FIGURE 11D3 - ROOF ELECTRICAL 78-79



835 TRACTOR

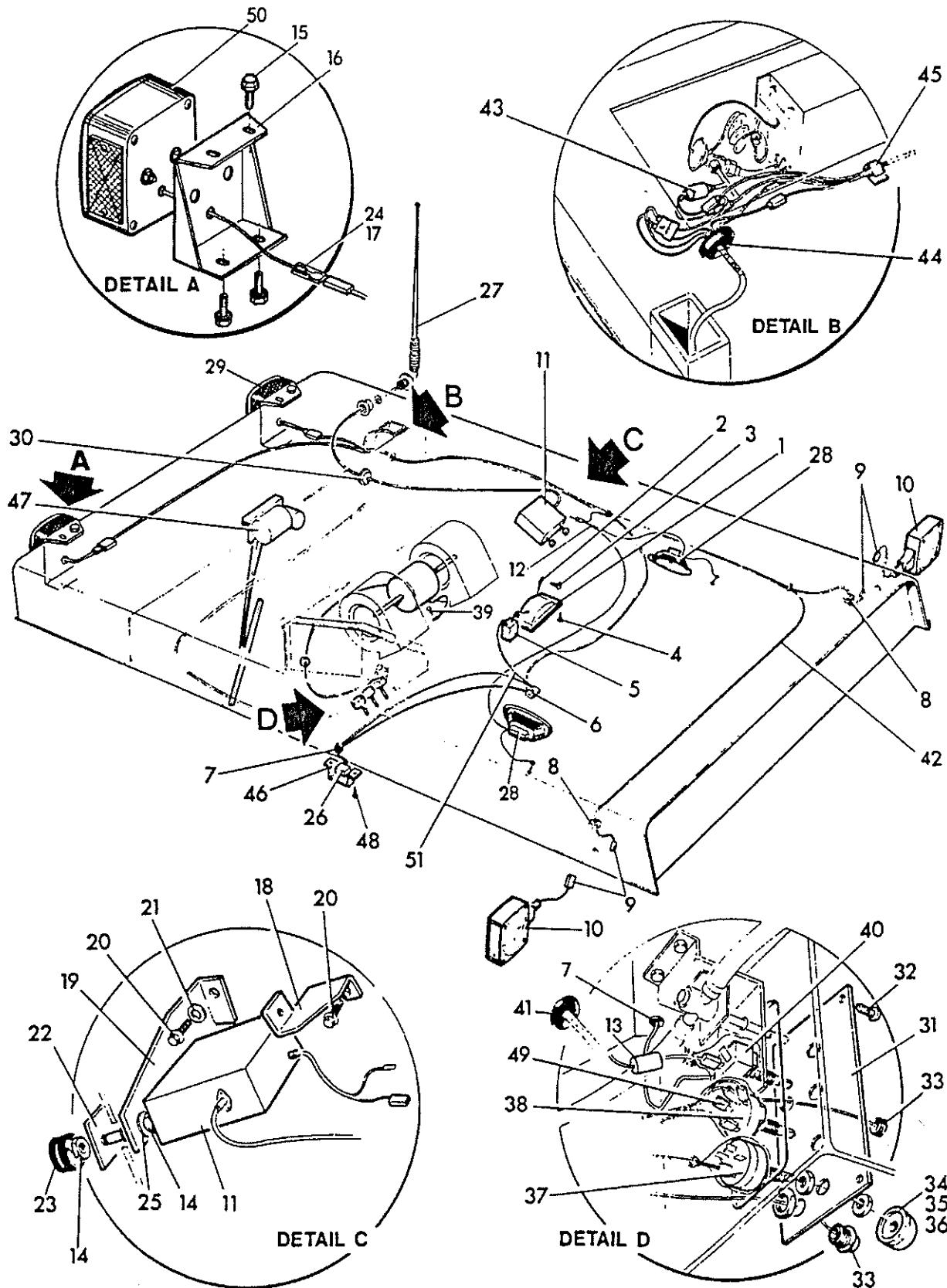
FIGURE 11D3 - ROOF ELECTRICAL 78-79
 DACH ELEKTRISCHE ANLAGE
 SYSTÈME ELECTRIQUE DE TOIT
 SISTEMA ELÉCTRICO DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30996		78-79/	1	Light - Dome
2		V30983		78-79/	1	Dome Light Ground Wire Assembly
3				78-79/	2	Screw - 1/2" #8
4		V32625		78-79/	4	Screw - Flat Head 3/4" #8
5		V30997		78-79/	1	Switch - Dome Light
6		V30991		78-79/	1	Wire Assembly - Dome Light
7		V32626		78-79/	1	Grommet - 1/4" Bore Dia
8		V15614		78-79/	2	Grommet - 1/4" ID
9		V12461		78-79/	2	Splice - Butt
10		V51351		78-79/	2	Lamp - Warning - Replaces 30041
11		V70506		78-79/	1	Radio - AM/FM - Replaces 36331
12		V14007	3975969	78-79/	2	Housing - Receptacle
13		V15813		78-79/	2	Receptacle
14		V12035	1859756	78-79/	4	Nut - Hex
15		V19269	3976007	78-79/	2	Nut - Hex
16		V12011	3975908	78-79/	1	Washer - Lock
17		V31566		78-79/	1	Strap - Rear Support
18		V31515		78-79/	1	Bracket - Rear Radio
19		V31514		78-79/	1	Bracket - Front Radio
20				78-79/	4	Bolt - Hex Whiz 1/4" x 1/2" 20 NC
21		V18602	3976000	78-79/	2	Washer - Flat 3/8"
22	NS	V31564		78-79/	1	Plate - Decorate
23		V31563		78-79/	2	Knob - Volume
24		V31562		78-79/	2	Knob - Tone
25		V18602	3976000	78-79/	2	Washer - Flat 3/8"
26		V23755	3975592	78-79/	1	Switch - Parking Brake
27		V47614	1862468	78-79/	AR	Antenna - Radio - See Windshield Wipers & Antenna This Section
28		V30571		78-79/	2	Speaker
29		V31565		78-79/	1	Trimplate - Replaces 31564
30		V30581		78-79/	1	Grommet - 1/4" ID x 1 OD
31		V30963		78-79/	1	Plate - Switch
32		V32622		78-79/	4	Screw - Oval Head Black
33		V30968		78-79/	2	Light - Indicator
34		V30972		78-79/	1	Knob - Wiper
35		V30971		78-79/	1	Knob - Blower
36		V30970		78-79/	1	Knob - Thermostat
37		V91873	1862432	78-79/	1	Switch - Wiper - Replaces 22520
38		V30999		78-79/	1	Switch - Blower
39		V31000		78-79/	3	Bag - Plastic
40		V31505	3975634	78-79/	1	Switch - Thermostat
41		V32614		78-79/	1	Grommet - 9/32" Bore
42		V30979		78-79/	1	Wire Assembly - Flasher
43		V31509		78-79/	1	Switch - Low Pressure
44		V32616		78-79/	1	Grommet

AR - As Required
 NS - Not Serviced

835 TRACTOR

FIGURE 11D3 - ROOF ELECTRICAL 78-79



835 TRACTOR

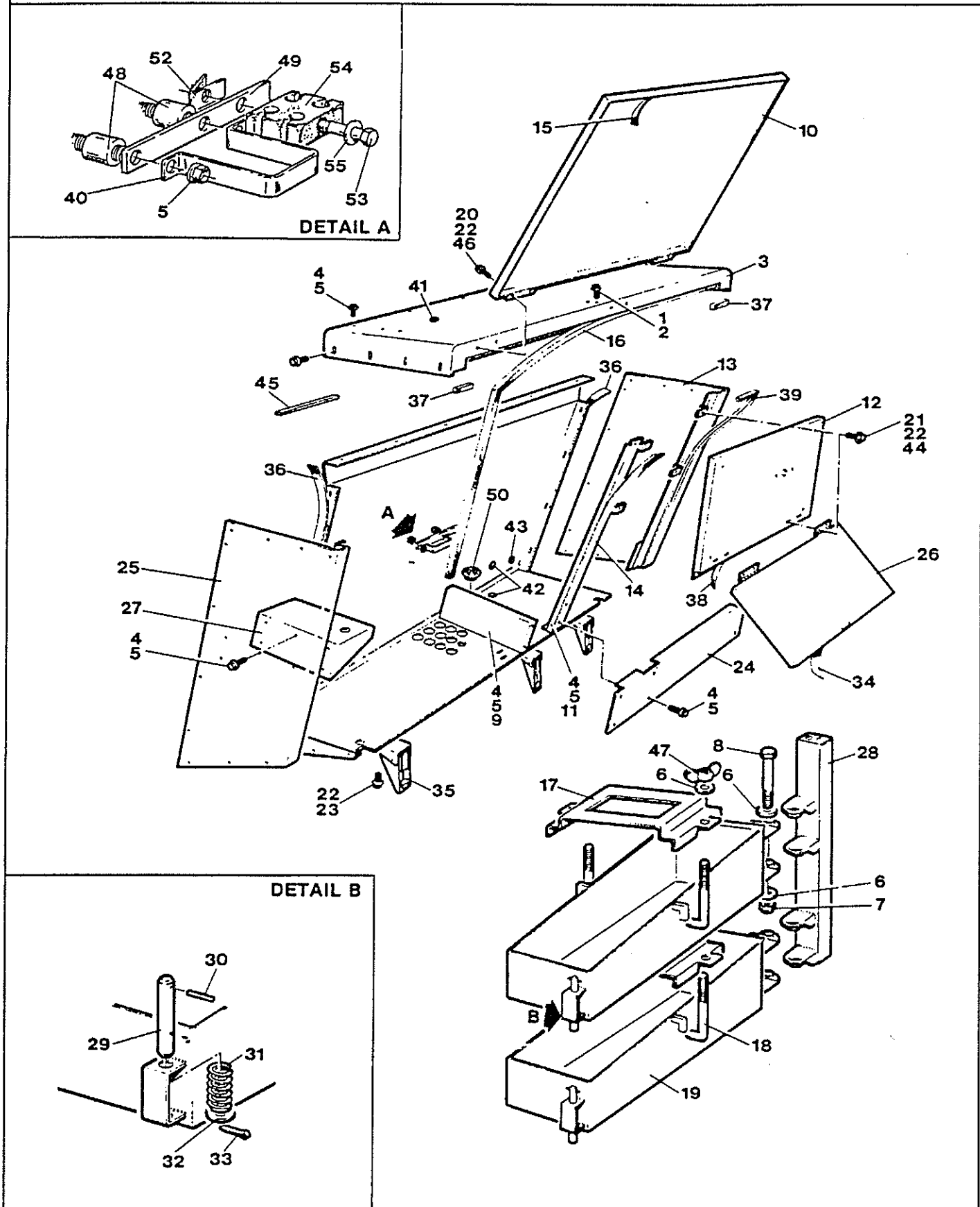
FIGURE 11D3 - ROOF ELECTRICAL 78-79
 DACH ELEKTRISCHE ANLAGE
 SYSTÈME ELECTRIQUE DE TOIT
 SISTEMA ELÉCTRICO DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
45		V30992		78-79/	7	Clamp - Wire
46		V29342		78-79/	1	Bracket - Door Switch - Replaces TR-29342
47				78-79/	AR	Wiper - Windshield Refer to Section F-4
48		V301T155		78-79/	2	Screw - Self-Tapping
49		V31496		78-79/	3	Connector - Body
50		V30984		78-79/	1	Wire Assembly - Power
51		V48957		78-79/	1	Lamp - Warning L.H. - Replaces TRA-48957
52		V48956		78-79/	1	Lamp - Warning R.H. - Replaces TRA-48956
53		V14008		78-79/	2	Terminal - Faston
54		V14013	3975971	78-79/	2	Tap - Housing
55		V48955		78-79/	2	Mounting - Lamp Warning - Replaces TR-48955
56		V30081	3975625	78-79/	6	Bolt - Serrated Washer Head 1/4" UNC x 1/2" Long - Replaces 30081P

AR - As Required

835 TRACTOR

FIGURE 11E1 - BATTERY BOX



835 TRACTOR

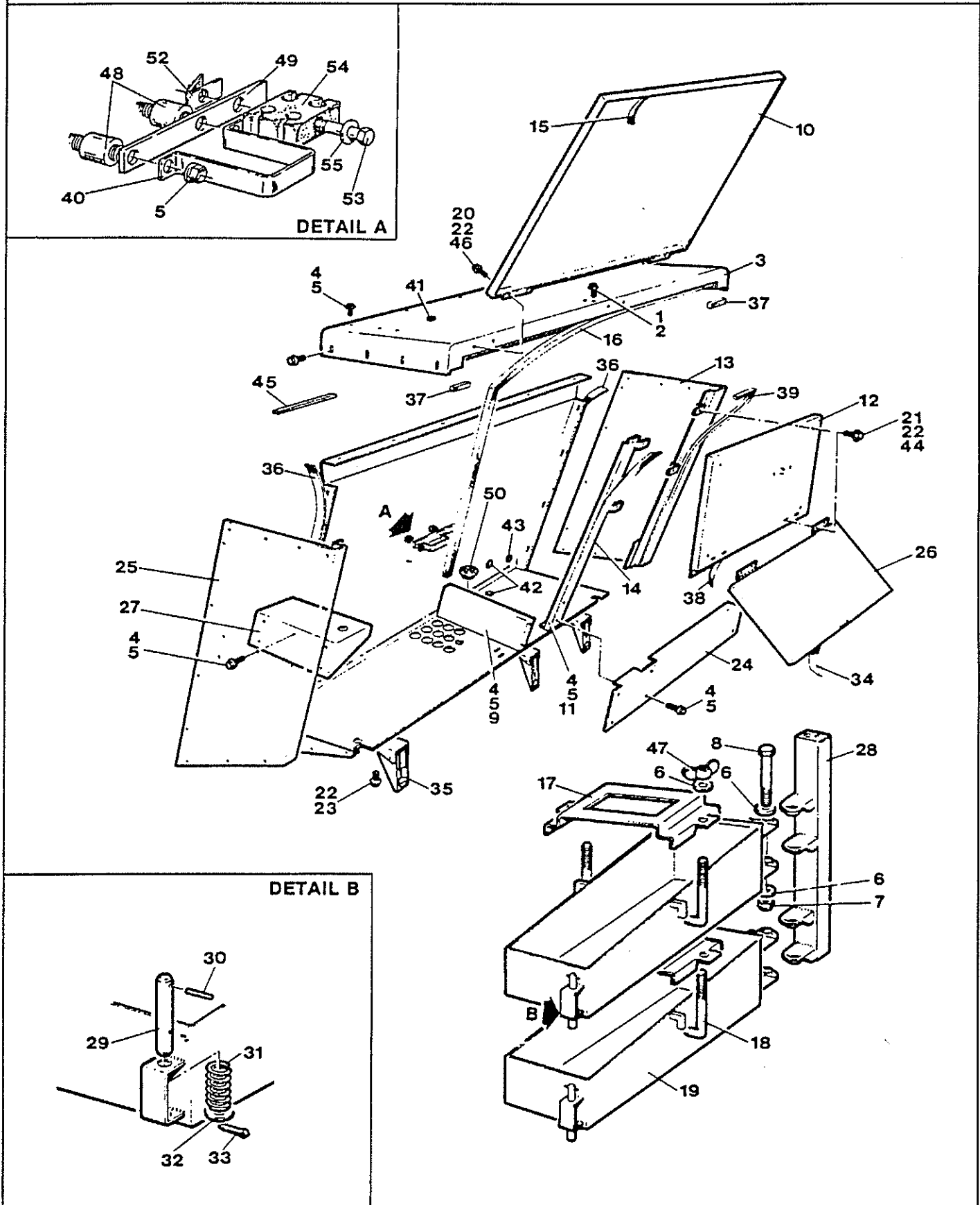
FIGURE 11E1 - BATTERY BOX
BATTEREIKASTEN
BAQUET DE BATTERIE
CAJA DE BATERIA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V29892	3975613	78-84/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
2		V29803	3975610	78-84/	4	Nut - Flange Hex Serrated 3/8" - 16 UNC - Replaces 29803P
3		V41848		81-84/	1	Housing - Cab Rear Wiper
		V52904		78-80/	1	Housing - Cab Rear Wiper - Replaces 41843
4		V29804	3975611	78-84/	36	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
5		V29940	3975619	78-84/	36	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
6		V21021		78-84/	8	Washer - Plain 17/32" ID x 1" OD x 16 GA - Replaces 21021P
7		V14923		78-84/	6	Nut - Lock Grade 8 1/2" - 13 UNC - Replaces 14923P
8		V12540		78-84/	2	Screw - Cap Hex Grade 5 1/2" - 13 UNC x 6" - Replaces 12540P
9		V29906		78-84/	1	Panel - Side Toolbox
10		V30179		78-84/	1	Door - Battery Box
11		V29910		78-84/	1	Backing - Door
12		V29913		78-84/	1	Panel - Top R.H. Rear
13		V29914		78-84/	1	Housing - Panel R.H. Rear
14		V8854006		78-84/	1	Seal - Replaces 29919
15		V8854002		78-84/	1	Seal - Replaces 30195 & 30196
16		V8854004		78-84/	1	Seal - Replaces 29918, 31107 & 31108
17		V29920		78-84/	2	Clamp - Battery
18		V29921		78-84/	4	Hook - Bolt - Replaces 29921P
19		V29852		78-84/	2	Tray
20		V15282		78-84/	8	Bolt - Oval Head #10 - 24 UNC x 3/4" - Replaces 15282P
21		V12370		78-84/	11	Washer - Plain 7/32" ID x 1/2" OD x 18 GA - Replaces 12370P
22		V29939	3975617	78-84/	28	Nut - Flange - Hex Serrated #10 - 24 UNC - Replaces 29939P
23		V30180	3975627	78-84/	16	Screw - Flange - Hex Serrated #10 - 24 UNC x 1/2"
24		V29922		78-84/	1	Panel
25		V29923		78-84/	1	Housing - Panel
26		V30178		78-84/	1	Door
27		V29926		78-84/	1	Support - Tray Battery
28		V29929		78-84/	1	Post - Hinge Battery
29		V29845		78-84/	2	Pin - Lock Tray
30		V320403V1		78-84/	2	Pin - Roll 1/8" x 2"
31		V529		78-84/	2	Spring - Lever
32		V12076	3975917	78-84/	2	Washer - Plain 17/32" ID x 1-1/16" OD x 13 GA - Replaces 12076P
33		V12102	1860522	78-84/	2	Pin - Cotter 1/8" Dia x 1 "
34	NS	V30196		78-84/	1	Seal
35		V29794		78-84/	3	Latch - Tension
36		V30193		78-84/	2	Seal
37		V31109		78-84/	2	Seal
38	NS	V31107		78-84/	1	Seal
39	NS	V31108		78-84/	1	Seal

NS - Not Serviced

835 TRACTOR

FIGURE 11E1 - BATTERY BOX



835 TRACTOR

FIGURE 11E1 - BATTERY BOX
 BATTEREIKASTEN
 BAQUET DE BATTERIE
 CAJA DE BATERIA

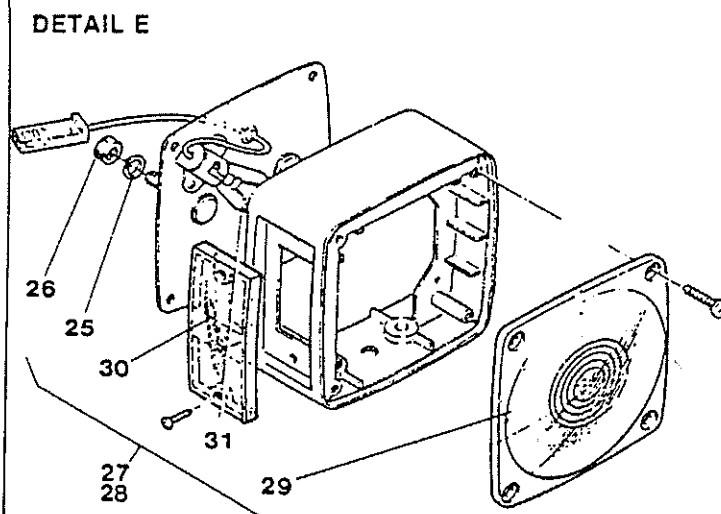
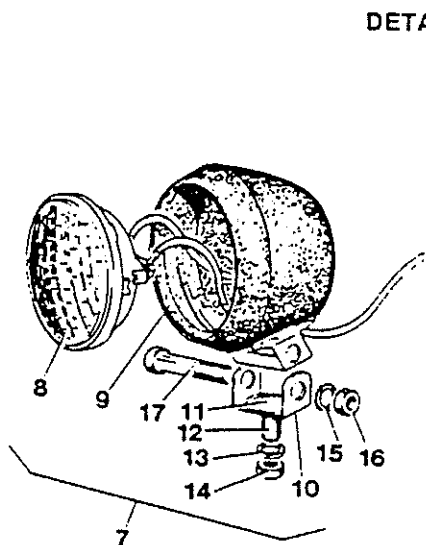
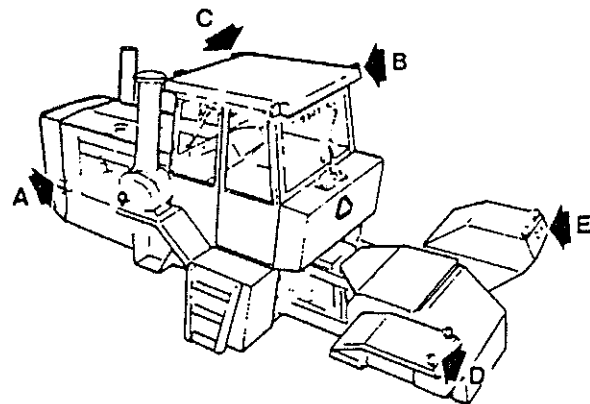
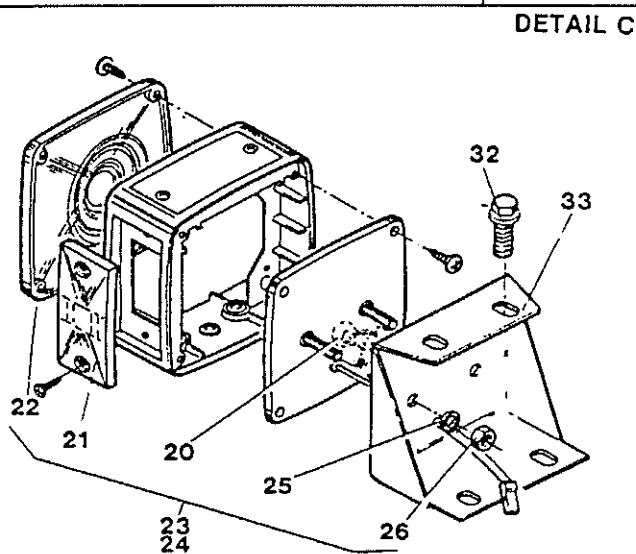
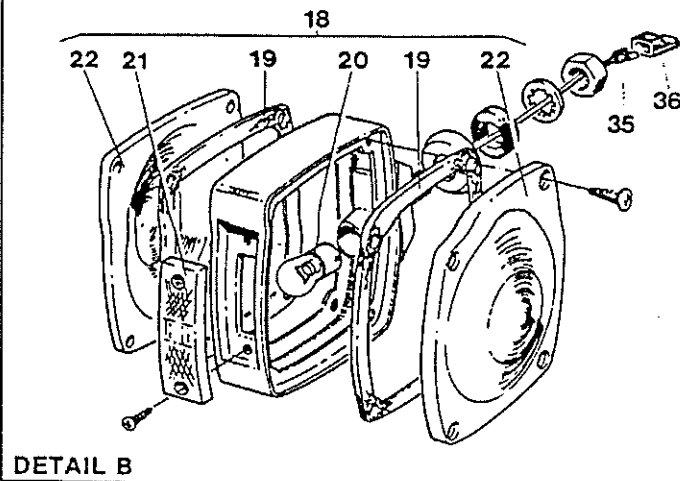
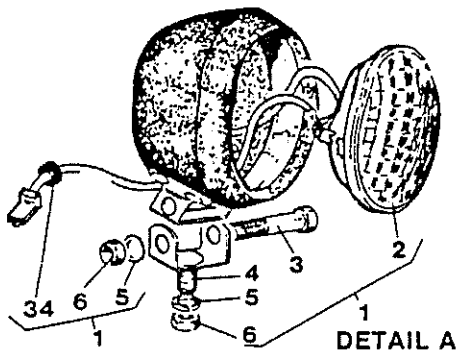
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
40		V41893		78-84/	1	Bracket - Hose Mounting
41		V31076		78-84/	2	Grommet
42		V35530		78-84/	2	Plug
43	(1)	V20566	1862433	83-84/	1	Grommet
	(2)	V30116		78-83/	1	Grommet
44		V26475	3975603	78-84/	4	Screw - Round Head Slotted #10 - 24 UNC x 3/4" - Replaces 26475P
45		V31520		78-84/	1	Seal
46	(1)	V50770	1861813	83-84/	8	Washer - Lock External Tooth #10 ID
	(2)			78-83/	8	Washer - Lock #10
47		V12049		83-84/	4	Nut - Wing 3/8" - 16 UNC
48		V57594		80-84/	2	Mount - Hose Clamp
49	(1)	V75957		83-84/	1	Plate - Bracket Mount
	(2)	V57593		80-83/	1	Plate - Bracket Mount
50	(1)	V72037		83-84/	1	Grommet
51	(1)	V75957		83-84/	1	Plate - Mounting Bracket
52	(1)	V12239		83-84/	1	Nut - Clip 5/16" - 18 UNC
53	(1)	V49302		83-84/	1	Screw - Cap Hex Grade 5 5/16" - 18 UNC x 2-3/4"
54	(1)	V75958		83-84/	1	Clamp - Battery Cables
55	(1)	V47359	3975821	83-84/	1	Washer - Plain 11/32" ID x 11/16" OD

(1) - ASN 83036768

(2) - BSN 83036769

835 TRACTOR

FIGURE 11F1 - LIGHTS 81-84



835 TRACTOR

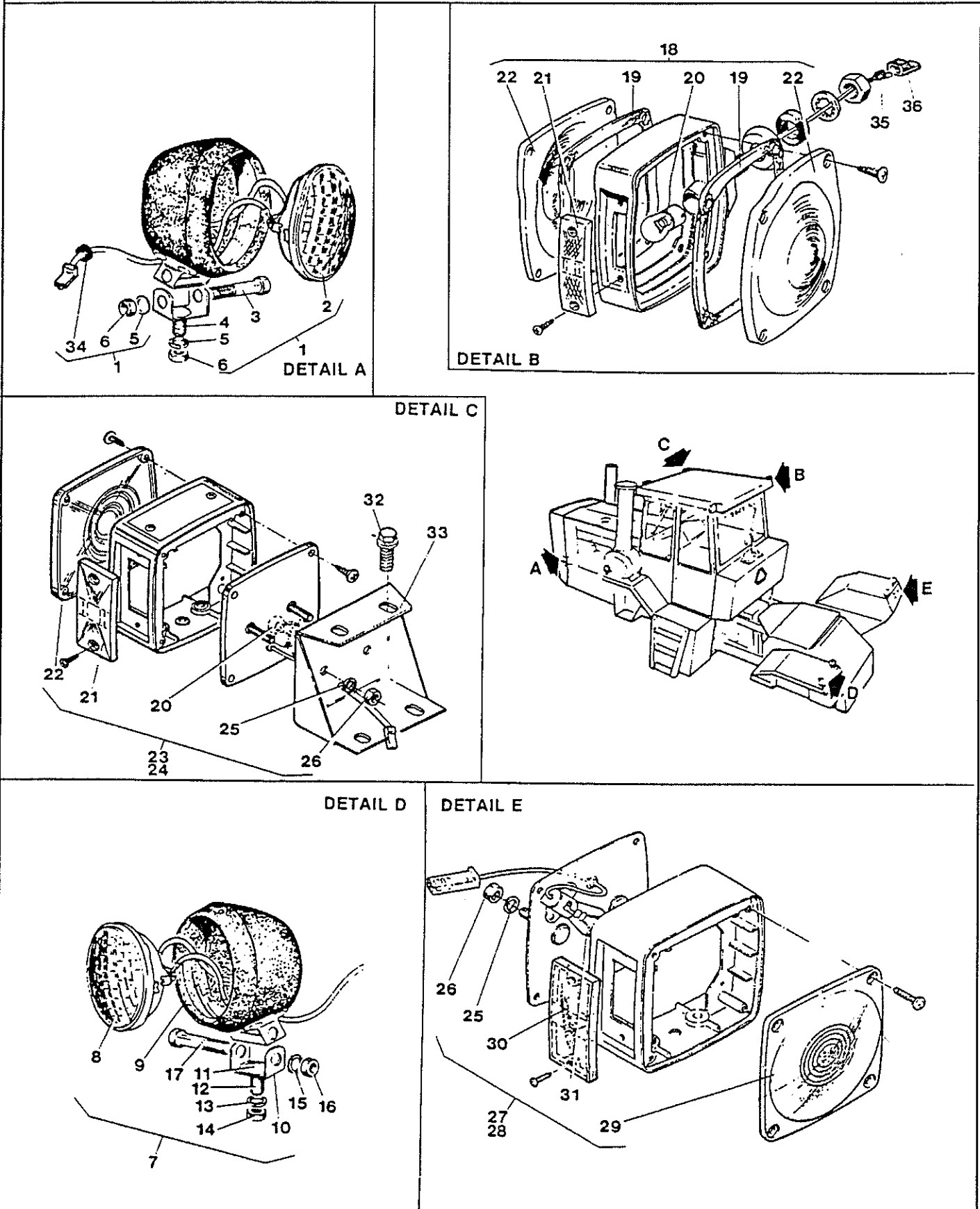
FIGURE 11F1 - LIGHTS 81-84
LEUCHTEN
FEUX
LUCES

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V28298		81-84/	2	Headlight Assembly - Replaces 48893 Includes: 2-6 & 34
2		V28299	3975605	81-84/	2	Beam - Sealed 12V 60W
3		V12357	1861500	81-84/	2	Screw - Cap Hex 5/16" - 18 UNC x 2" - Replaces 12357P
4		V12354	3975938	81-84/	2	Bolt - Round Head Square Neck 5/16" - 18 UNC x 1" - Replaces 12354P
5		V12087	1861067	81-84/	4	Washer - Lock Helical Spring 5/16" ID - Replaces 12087P
6		V12094	3975922	81-84/	4	Nut - 5/16" - 18 UNC - Replaces 12094P
7		V57924		81-84/	6	Lamp Assembly - Work - Front Work Lamp Optional Includes: 8-17
8	NS	V58044	1861780	81-84/	6	Beam - Sealed Halogen
9		V58043	1861781	81-84/	6	Housing - Rubber
10		V58042	1861782	81-84/	6	Bracket - Lamp Mounting
11		V58041	1861783	81-84/	6	Spacer
12		V12232		81-84/	6	Bolt - Round Head Square Neck 1/2" - 13 UNC x 1-1/4" - Replaces 12232P
13		V12007	3975906	81-84/	6	Washer - Lock Helical Spring 1/2" ID - Replaces 12007P
14		V12075		81-84/	6	Nut - Hex 1/2" - 13 UNC - Replaces 12075P
15		V12011	3975908	81-84/	6	Washer - Lock Helical Spring 3/8" ID - Replaces 12011P
16		V12037	3975909	81-84/	6	Nut - Hex 3/8" - 16 UNC - Replaces 12037P
17		V12808	1861050	81-84/	6	Screw - Cap Hex 3/8" - 16 UNC x 3-1/4" - Replaces 12808P
18		V51351		81-84/	2	Lamp Assembly - Warning - Replaces 30041 & 36850 Includes: 19-22, 35 & 36
19		V53080		81-84/	2	Gasket
20		V15952	3975983	81-84/	4	Bulb
21		V36328	3975664	81-84/	4	Lens - Amber Marker
22		V36327	3975663	81-84/	6	Lens - Amber Signal
23		V48957		81-84/	1	Lamp Assembly - Warning L.H. - Replaces 48958 Includes: 20-22, 25 & 26
24		V48956		81-84/	1	Lamp Assembly - Warning R.H. - Replaces 48958 Includes: 20-22, 25 & 26
25		V12004	3975905	81-84/	8	Washer - Lock Helical Spring 1/4" ID
26		V7770	3975895	81-84/	8	Nut - Hex 1/4" - 20 UNC
27		V62302		81-84/	1	Tail Light Assembly - L.H. Includes: 25, 26 & 29-31

NS - Not Serviced

835 TRACTOR

FIGURE 11F1 - LIGHTS 81-84



835 TRACTOR

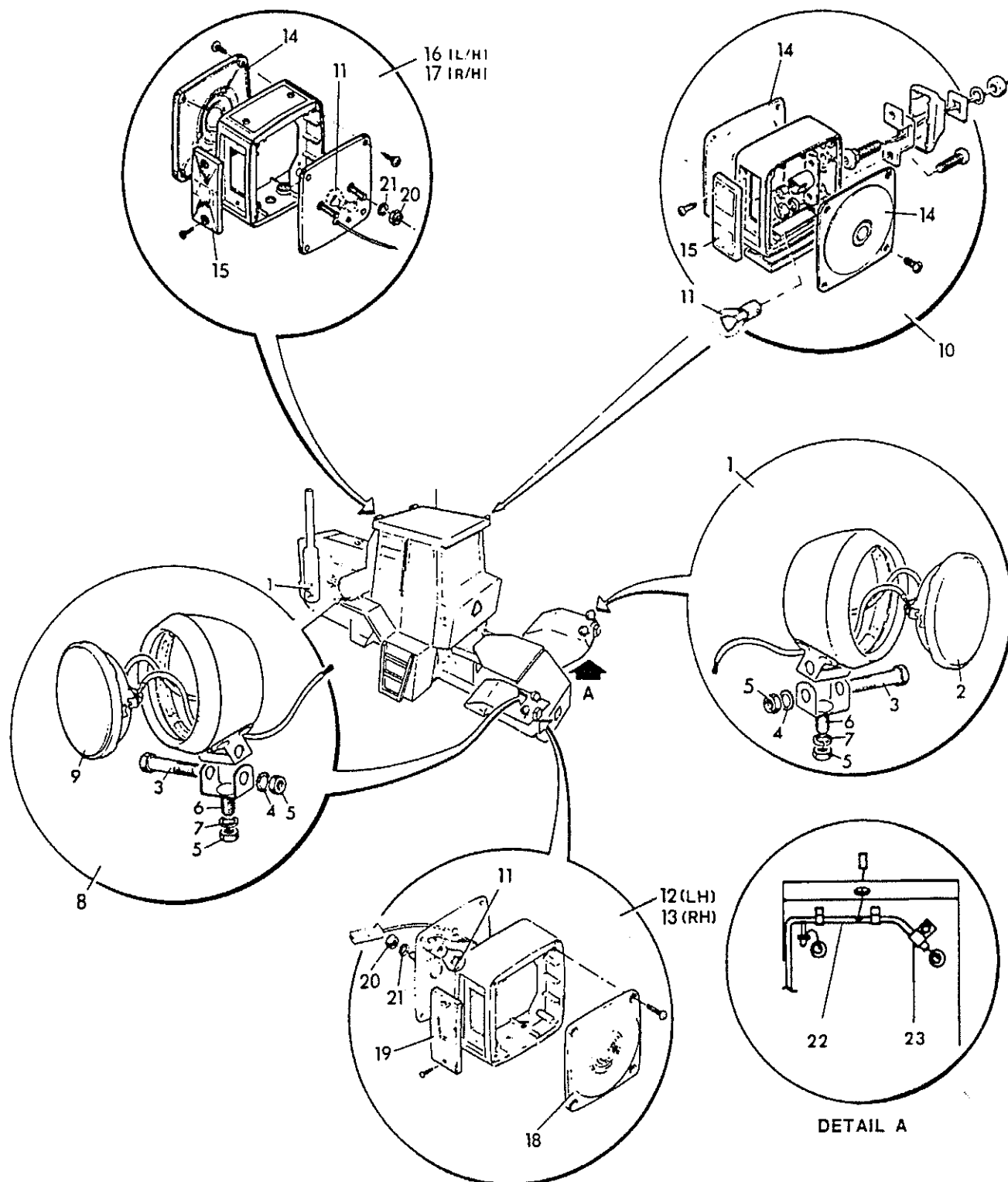
FIGURE 11F1 - LIGHTS 81-84
LEUCHTEN
FEUX
LUCES

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
28		V62303		81-84/	1	Tail Light Assembly - R.H. Includes: 25, 26 & 29-31
29		V41926		81-84/	2	Lens - Signal Red
30		V41927		81-84/	2	Lens - Marker Red
31		V62304	3976164	81-84/	2	Bulb
32		V30081	3975625	81-84/	8	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
33		V48955		81-84/	2	Mounting - Warning Lamp
34	(1)	V48829		83-84/	2	Grommet
35		V15813		84/	1	Connector - .250 Receptacle
36		V14007	3975969	84/	1	Housing - Connector Receptacle

(1) - ASN 83036768

835 TRACTOR

FIGURE 11F2 - LIGHTS 78-80



835 TRACTOR

FIGURE 11F2 - LIGHTS 78-80
LEUCHTEN
FEUX
LUCES

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V28298		78-80/	4	Head Light & Rear Light Assembly
2		V28299	3975605	78-80/	4	Beam - Sealed 12V 60W
3		V12357	1861500	78-80/	6	Bolt - Hex 5/16" - 18 UNC x 2" Long - Replaces 12357P
4		V23636		78-80/	6	Washer - Lock 3/8" External Tooth - Replaces 23636P
5		V12094	3975922	78-80/	12	Nut - 5/16" - 18 UNC - Replaces 12094P
6		V12353		78-80/	6	Bolt - Carriage Head 5/16" - 18 UNC x 3/4" Long - Replaces 12353P
7		V12087	1861067	78-80/	6	Washer - Lock 5/16" - Replaces 12087P
8		V57924		78-80/	4	Front Work Light & Rear Work Light Assembly - Replaces 28300
9		V28302		78-80/	2	Beam - Sealed 12V 60W
10		V51351		78-80/	2	Lamp - L.H. & R.H. Warning - 1 L.H. & 1 R.H. - Replaces 30041
11		V15952	3975983	78-80/	6	Bulb - 1156
12		V49137		78-80/	1	Tail Light - L.H.
13		V49136		78-80/	1	Tail Light - R.H.
14		V36327	3975663	78-80/	6	Lens - Signal Amber
15		V36328	3975664	78-80/	4	Lens - Marker Amber
16		V48957		78-80/	1	Lamp - L.H. Warning - Replaces 48959
17		V48956		78-80/	1	Lamp - R.H. Warning - Replaces 48958
18		V41926		78-80/	2	Lens - Signal Red
19		V41927		78-80/	2	Lens - Marker Red
20		V7770	3975895	78-80/	4	Nut - Hex 1/4" - 20 UNC - Replaces L7770
21		V12004	3975905	78-80/	4	Washer - Lock 1/4"
22		V30246		80/	1	Wiring Assembly - Replaces TRA-30246
23		V600T164	1861584	80/	3	Clip

835 TRACTOR

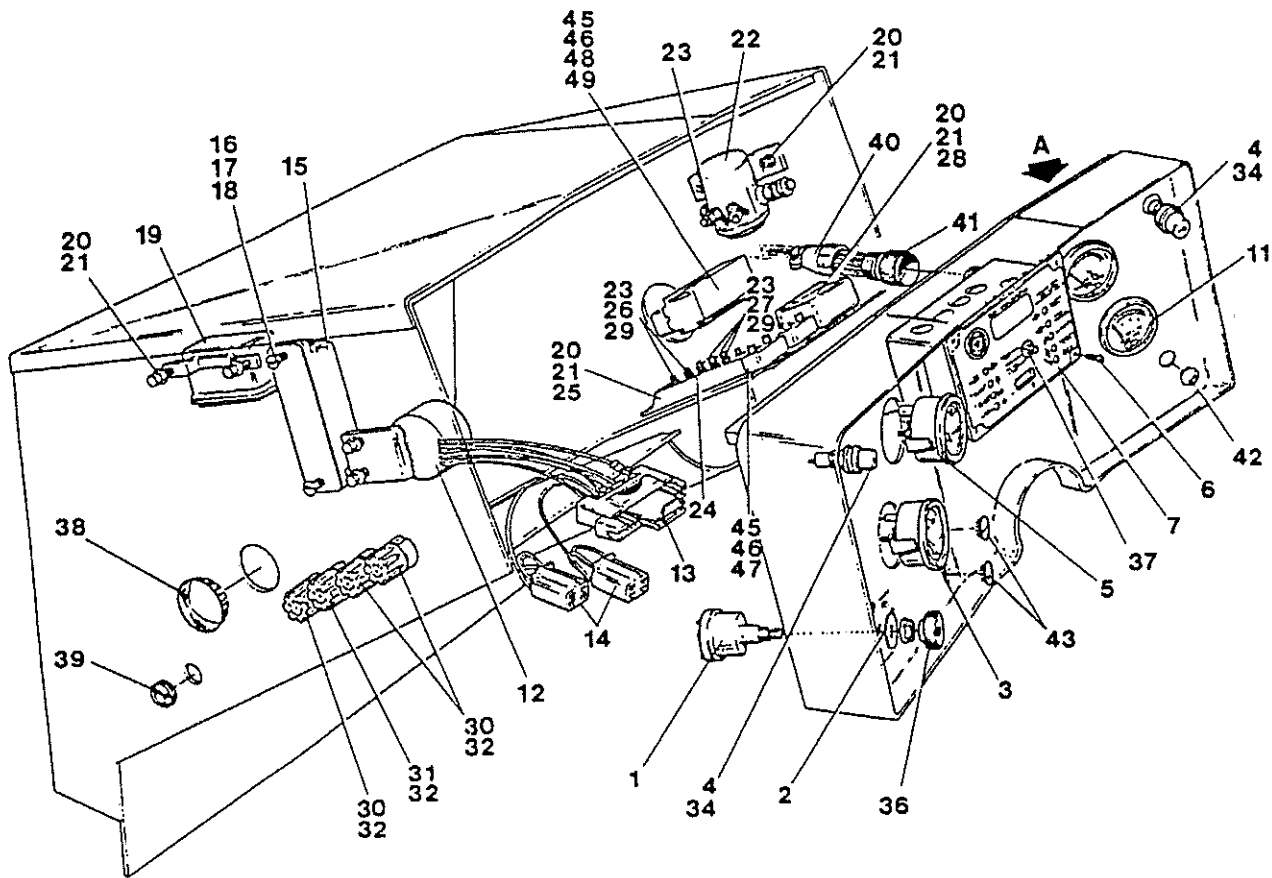
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SECTION 12 - INSTRUMENT PANEL
SEKTION 12 - INSTRUMENTEN-BRETT
SECTION 12 - TABLEAU DES INSTRUMENTS
SECCION 12 - TABLERO DE INSTRUMENTOS

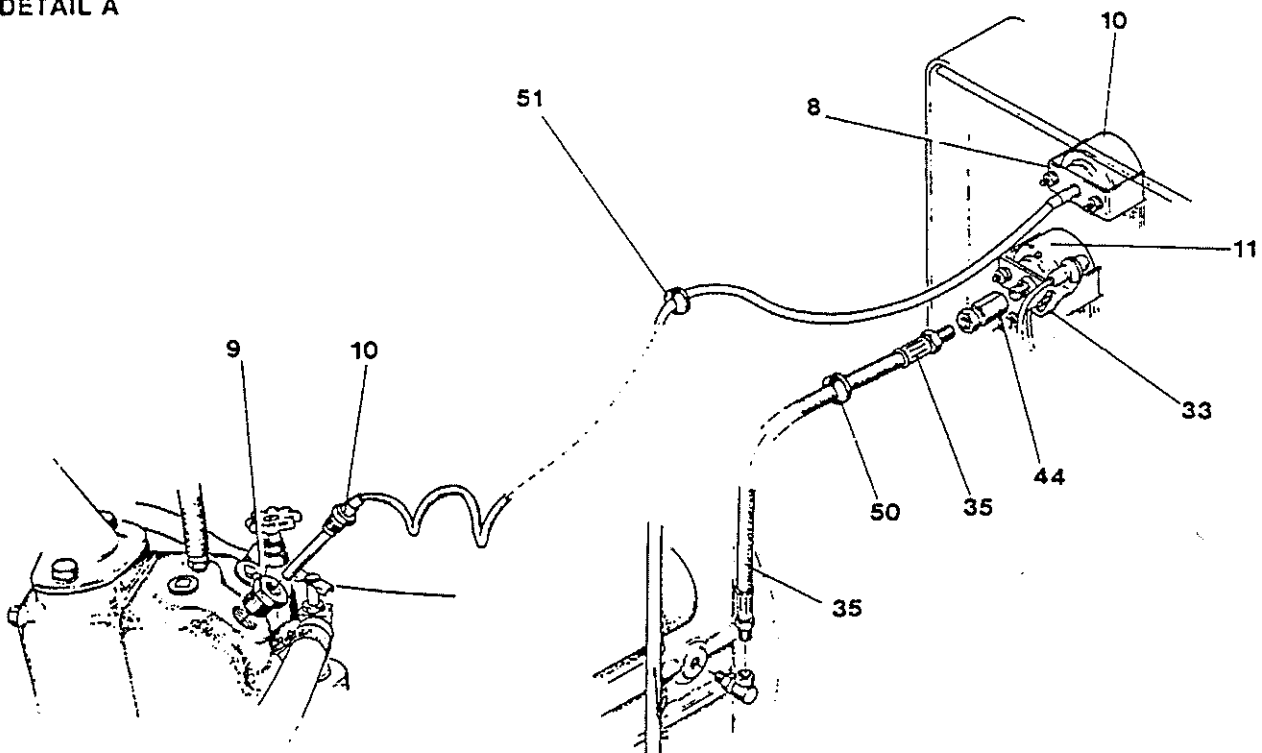
Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
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FIGURE 12A1 - INSTRUMENT CONSOLE 83-84



DETAIL A



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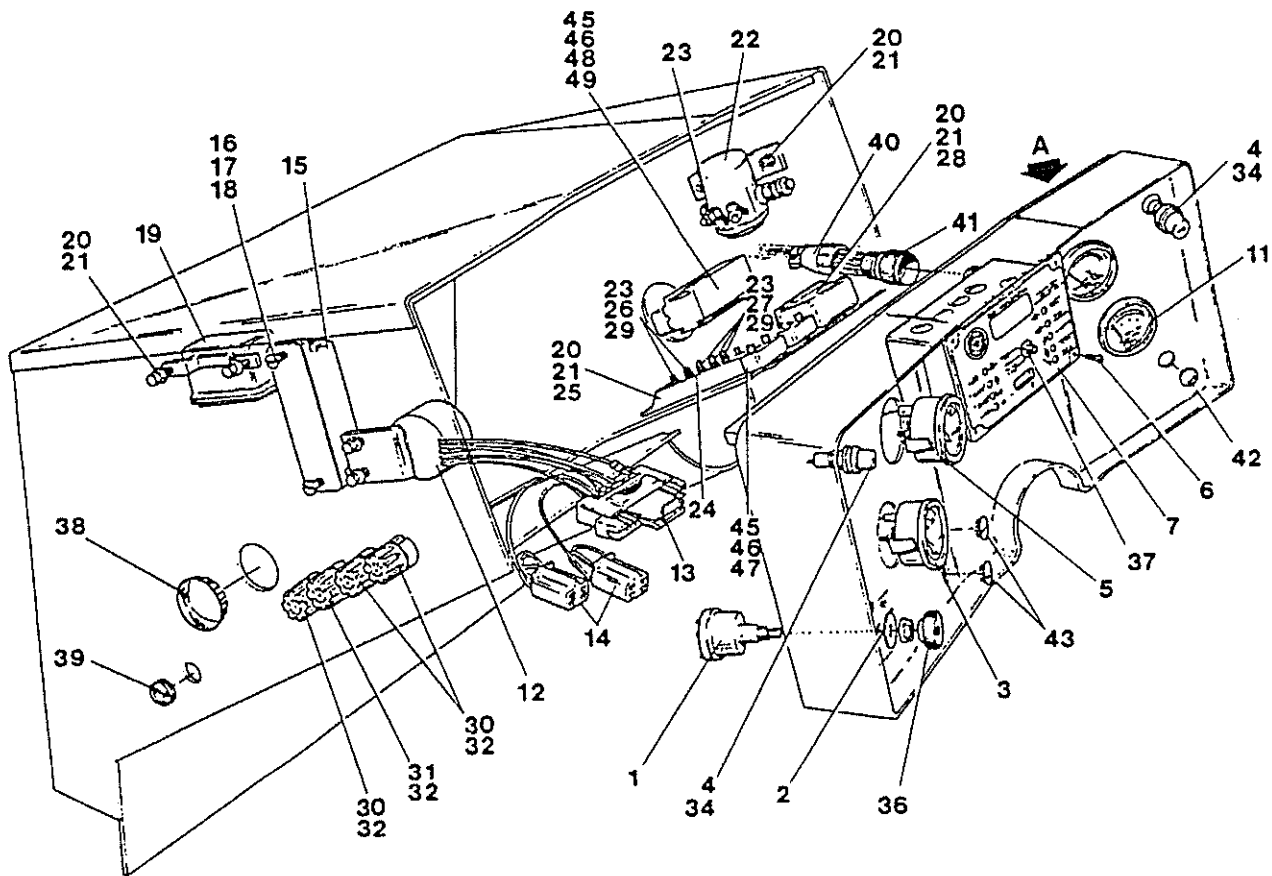
FIGURE 12A1 - INSTRUMENT CONSOLE 83-84
 INSTRUMENTEN KONSOLE
 CONSOLE DES INSTRUMENTS
 TABLERO DE INSTRUMENTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58104		83-84/	1	Harness - Wiring Console
2		V57976		83-84/	1	Switch - Lights
3		V57858		83-84/	1	Washer - Flat 21/32" ID x 1-1/8" OD
4		V35180		83-84/	1	Voltmeter
5		V29755	3975608	83-84/	2	Lampholder - Turn Signal
6		V29671		83-84/	1	Gauge - Fuel
7		V50562		83-84/	4	Screw - Round Head Slotted #8 - 32 UNC x 1/2"
8		V58273		83-84/	1	Monitor Assembly
9		V15787		83-84/	1	Gauge - Water Temperature - Replaces 75943 Includes: 8-10
10	NS	V76380		83-84/	1	Bracket - Water Temperature Gauge Mounting
11		V75944		83-84/	1	Bushing - Reducer
12		V60131		83-84/	1	Gauge & Cable Assembly
13		V92274		83-84/	1	Gauge - Oil Pressure
14		V50752		83-84/	1	Wiring Assembly - Dualrate Flasher Includes: 12-14
15		V50915		83-84/	1	Flasher - Electronic Dualrate - Replaces 58141
16		V56533		83-84/	1	Body - Connector Turn Signals
17		V50721		83-84/	2	Connector - Receptacle Housing
18		V21281		83-84/	1	Block - Terminal
19		V21282		83-84/	2	Screw - Round Head Slotted #6 - 32 UNC x 1"
20		V18020		83-84/	2	Nut - Hex #6 - 32 UNC
21		V30081	3975625	83-84/	2	Washer - Lock Helical Spring #6
22		V29940	3975619	83-84/	1	Relay - Lights
23		V26961		83-84/	8	Screw - Flange Hex Serrated 1/4" - 20 UNC x 1" - Replaces 30081P
24		V19269		83-84/	8	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
25		V93334		83-84/	1	Relay - Roof
26		V56536	3976007	83-84/	12	Nut - Hex #10 - 32 UNC - Replaces 19269P
27		V56618		83-84/	1	Breaker - Circuit Buss Bar Replaces 56531
28		V56535	3976133	83-84/	1	Breaker - Circuit Mount Bar
29		V57590	1862426	83-84/	2	Breaker - Circuit 15 Amp
30		V12371	3975939	83-84/	3	Breaker - Circuit 30 Amp
31		V30019		83-84/	1	Relay - Charge Indicator
32		V30018		83-84/	12	Washer - Lock Helical Spring #10 - Replaces 12371P
33		V29784		83-84/	3	Fuse - 15 Amp
34		V607T116V51		83-84/	1	Fuse - 2 Amp
35		V48909	3976060	83-84/	4	Holder - Fuse
36		V17166		83-84/	1	Lampholder - Dashlight
37		V32411		83-84/	1	Lamp - Dashlight
		V60693		83-84/	1	Hose Assembly - Oil Pressure
				83-84/	1	Knob - Switch
				83-84/	1	Knob - Monitor

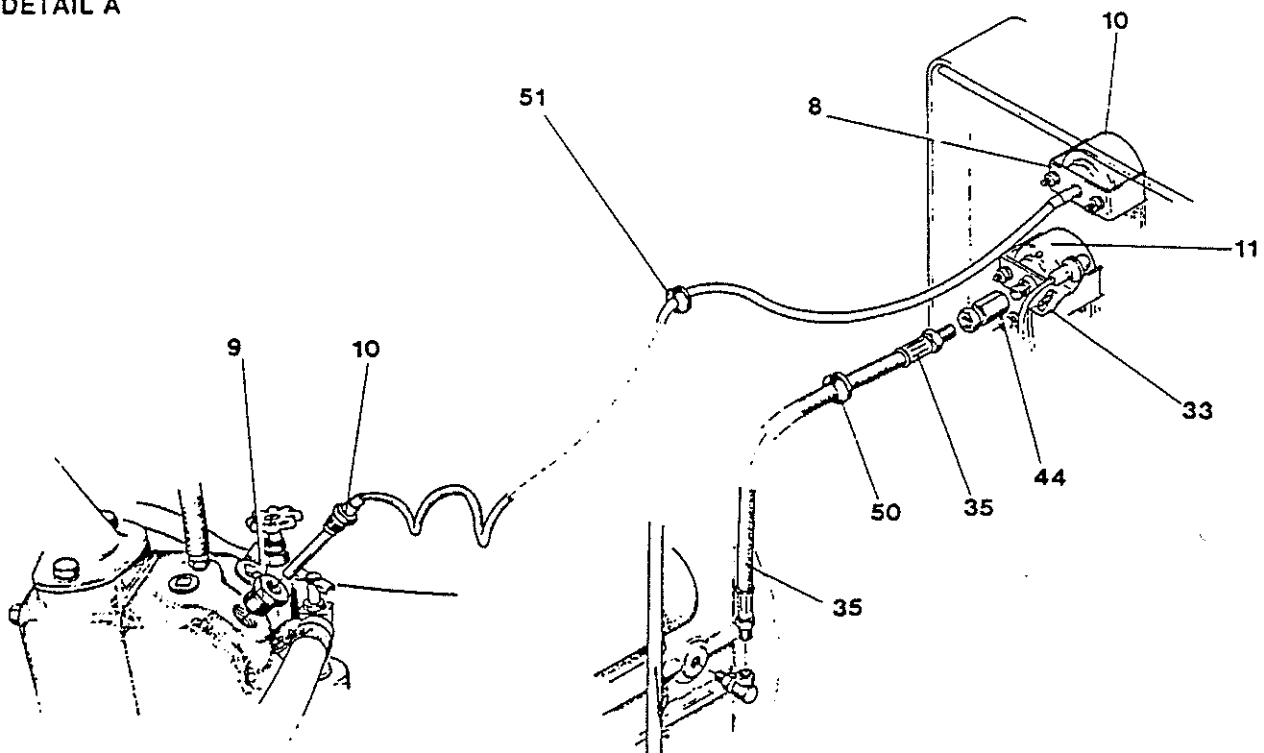
NS - Not Serviced

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FIGURE 12A1 - INSTRUMENT CONSOLE 83-84



DETAIL A



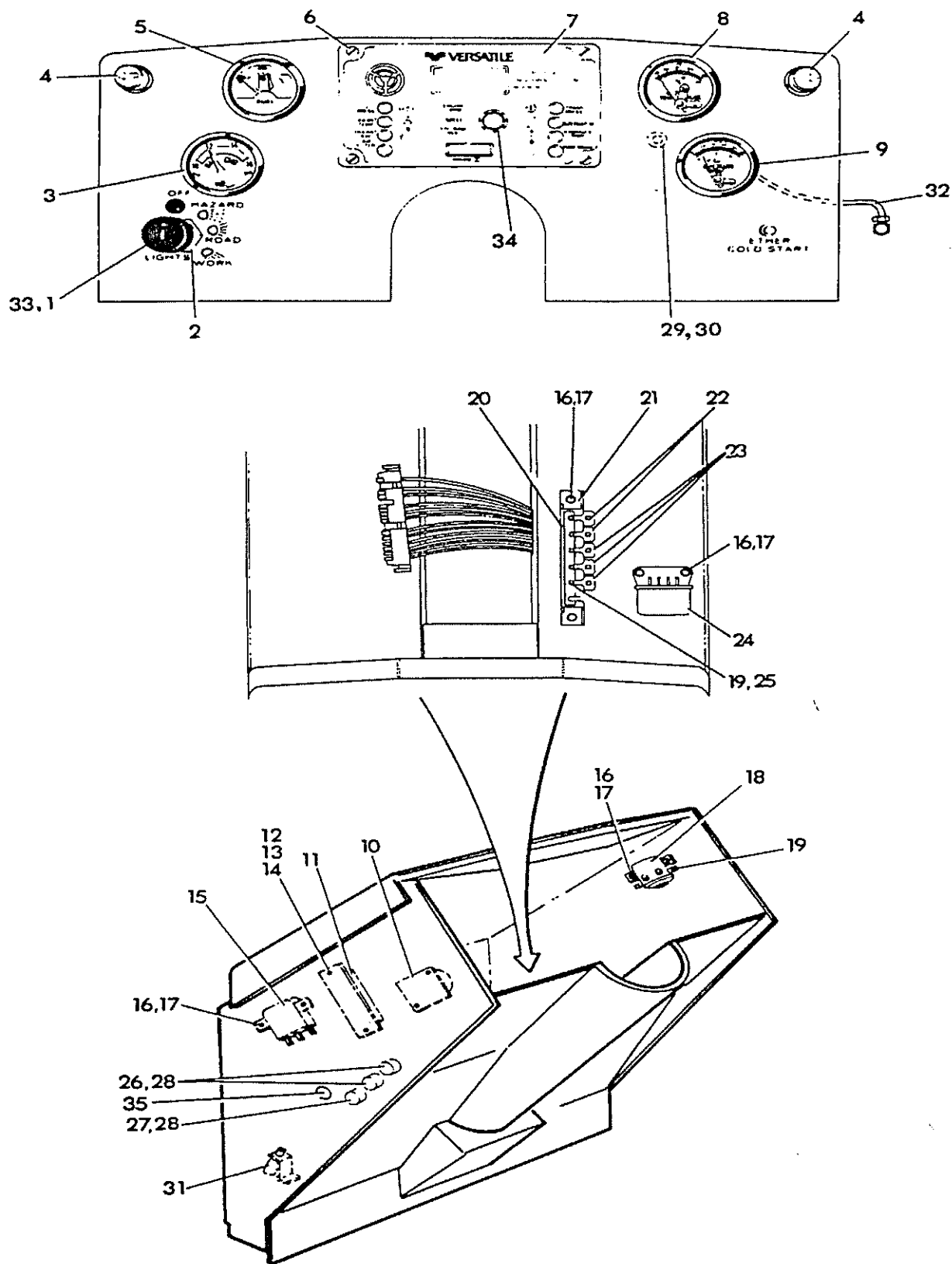
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FIGURE 12A1 - INSTRUMENT CONSOLE 83-84
 INSTRUMENTEN KONSOLE
 CONSOLE DES INSTRUMENTS
 TABLERO DE INSTRUMENTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
38		V15738	1862247	83-84/	1	Plug - Button Steel
39		V15953	3975984	83-84/	1	Grommet
40		V50780		83-84/	1	Clamp - Cable
41		V50757		83-84/	1	Housing - Connector 16 Circuit Socket
42		V604T114		83-84/	1	Plug - Button Plain 5/8"
43		V31632		83-84/	2	Plug - Button Plain 11/16"
44		V604T117		83-84/	1	Adaptor - Swivel Female 1/8" NPT
45		V14615	3975975	83-84/	2	Screw - Round Head Slotted #10 - 24 UNC x 1/2" - Replaces 14615P
46		V29939	3975617	83-84/	2	Nut - Flange #10 - 24 UNC - Replaces 29939P
47		V18018		83-84/	1	Breaker - Circuit 30 Amp
48		V50830	3976097	83-84/	1	Relay - Base Roof
49		V61100	3976151	83-84/	1	Relay - Roof
50		V15742		83-84/	1	Grommet
51		V15810		83-84/	1	Grommet

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FIGURE 12A2 - INSTRUMENT CONSOLE 81-83



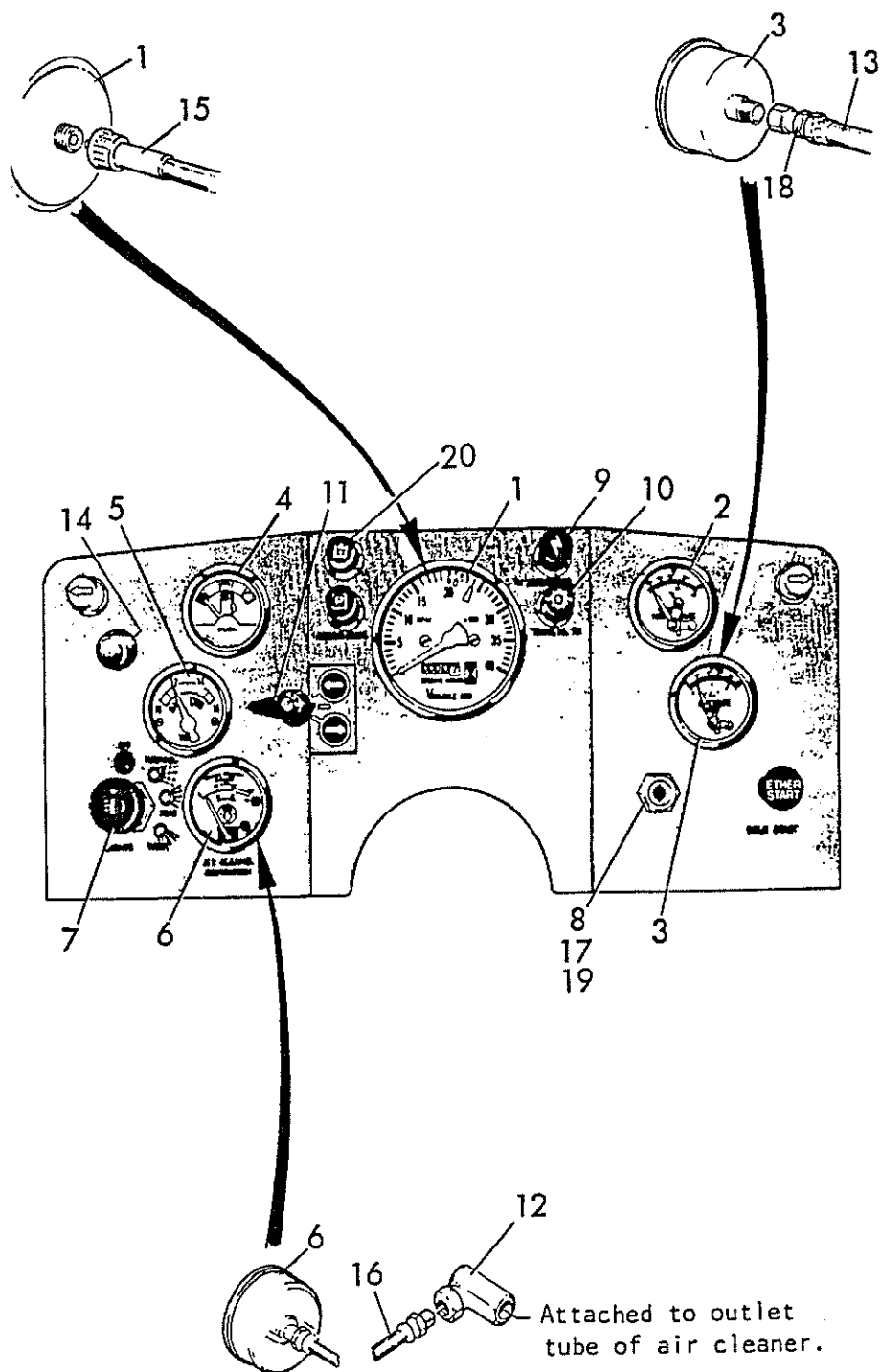
835 TRACTOR

FIGURE 12A2 - INSTRUMENT CONSOLE 81-83
 INSTRUMENTEN KONSOLE
 CONSOLE DES INSTRUMENTS
 TABLERO DE INSTRUMENTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V57976		81-83/	1	Switch - Lights Headlamps
2		V57858		81-83/	1	Washer - Flat 1.12 OD x .66 ID
3		V35180		81-83/	1	Voltmeter
4		V29755	3975608	81-83/	2	Lampholder - Turn Indicator
5		V29671		81-83/	1	Gauge - Fuel
6		V50562		81-83/	4	Screw - Round Head Slotted #8 - 32 UNC x 1/2"
7		V58273		81-83/	1	Monitor Assembly
8		V15787		81-83/	1	Gauge - Water Temperature
9		V15788		81-83/	1	Gauge - Oil Pressure
10		V60131		81-83/	1	Wiring Assembly - Dualrate Flasher
11		V56533		81-83/	1	Block - Terminal
12		V50721		81-83/	2	Screw - Round Head Slotted #6 - 32 UNC x 1"
13		V21281		81-83/	2	Nut - Hex #6 - 32 UNC
14		V21282		81-83/	2	Washer - Lock Helical Spring #6
15		V18020		81-83/	1	Relay - Lights
16		V30081	3975625	81-83/	8	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1" - Replaces 30081P
17		V29940	3975619	81-83/	8	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
18		V26961		81-83/	1	Relay - Roof
19		V19269	3976007	81-83/	12	Nut - Hex #10 - 32 UNC - Replaces 19269P
20		V93334		81-83/	1	Breaker - Circuit Buss Bar - Replaces 56531
21		V56536		81-83/	1	Breaker - Circuit Mount Bar
22		V56618		81-83/	2	Breaker - Circuit 15 Amp
23		V56535	3976133	81-83/	3	Breaker - Circuit 30 Amp
24		V57590	1862426	81-83/	1	Relay - Charge Indicator
25		V12371	3975939	81-83/	12	Washer - Lock Helical Spring #10 - Replaces 123711
26		V30019		81-83/	2	Fuse - 15 Amp
27		V30018		81-83/	1	Fuse - 2 Amp
28		V29784		81-83/	3	Holder - Fuse
29		V607T116V51		81-83/	1	Lampholder - Dashlight
30		V48909	3976060	81-83/	1	Lamp - Dashlight
31		V66917	3976299	82-83/	1	Switch - Parkbrake Light
		V23755	3975592	81/	1	Switch - Parkbrake Light
32		V17166		81-83/	1	Hose Assembly - Oil Pressure
33		V32411		81-83/	1	Knob - Switch
34		V60693		81-83/	1	Knob
35		V15738	1862247	82-83/	1	Plug - Button Steel
		V15953	3975984	81-83/	1	Grommet
		V50780		81-83/	1	Clamp - Cable
		V58104		81-83/	1	Wiring Harness Assembly - Console

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FIGURE 12A3 - INSTRUMENT CONSOLE 78-80



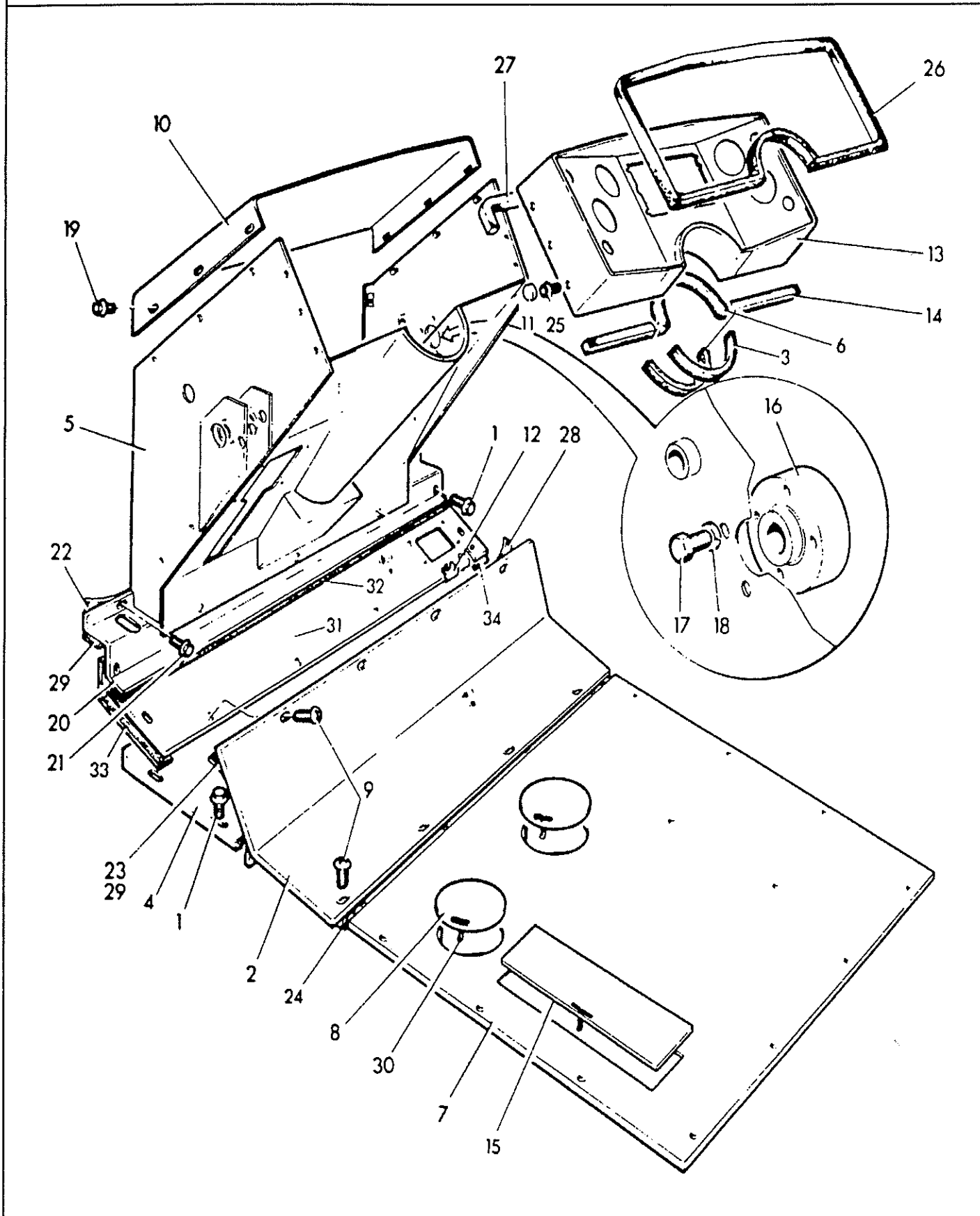
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FIGURE 12A3 - INSTRUMENT CONSOLE 78-80
 INSTRUMENTEN KONSOLE
 CONSOLE DES INSTRUMENTS
 TABLERO DE INSTRUMENTOS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V22163		78-80/	1	Tachometer - 2100 RPM Motor
2		V15788		78-80/	1	Gauge - Oil Pressure
3		V15787		78-80/	1	Gauge - Water Temperature
4		V29671		78-80/	1	Gauge - Fuel
5		V35180		78-80/	1	Voltmeter - Replaces 26945
6		V30055		78-80/	1	Gauge - Dry Air Cleaner Restriction
7		V28217		78-80/	1	Switch - Headlamp
8		V361731V1		78-80/	1	Switch - Starter
9		V29751		78-80/	1	Indicator - Light Alternator
10		V29754		78-80/	1	Indicator - Light Transmission Oil PSI
11		V30378		78-80/	1	Switch - Flasher
12		V30445		78-80/	2	Adaptor - Swivel 90° Female Pipe
13		V17166		78-80/	1	Hose Assembly - Oil Pressure
14		V361732V1		78-80/	1	Switch - Ignition
15		V22393		78-80/	1	Shaft - Drive Tachometer - Replaces TR-22393
16		V30446		78-80/	1	Hose Assembly - .19 ID
17				78-80/	1	Key - Fob
18		V604T117		78-80/	1	Adaptor - Swivel Female Pipe
19		V15975		78-80/	1	Key - Ignition
20		V56537		80/	1	Light - Indicator Hydraulic Oil Temperature

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FIGURE 12B1 - CONTROL PEDESTAL STRUCTURE 80-84



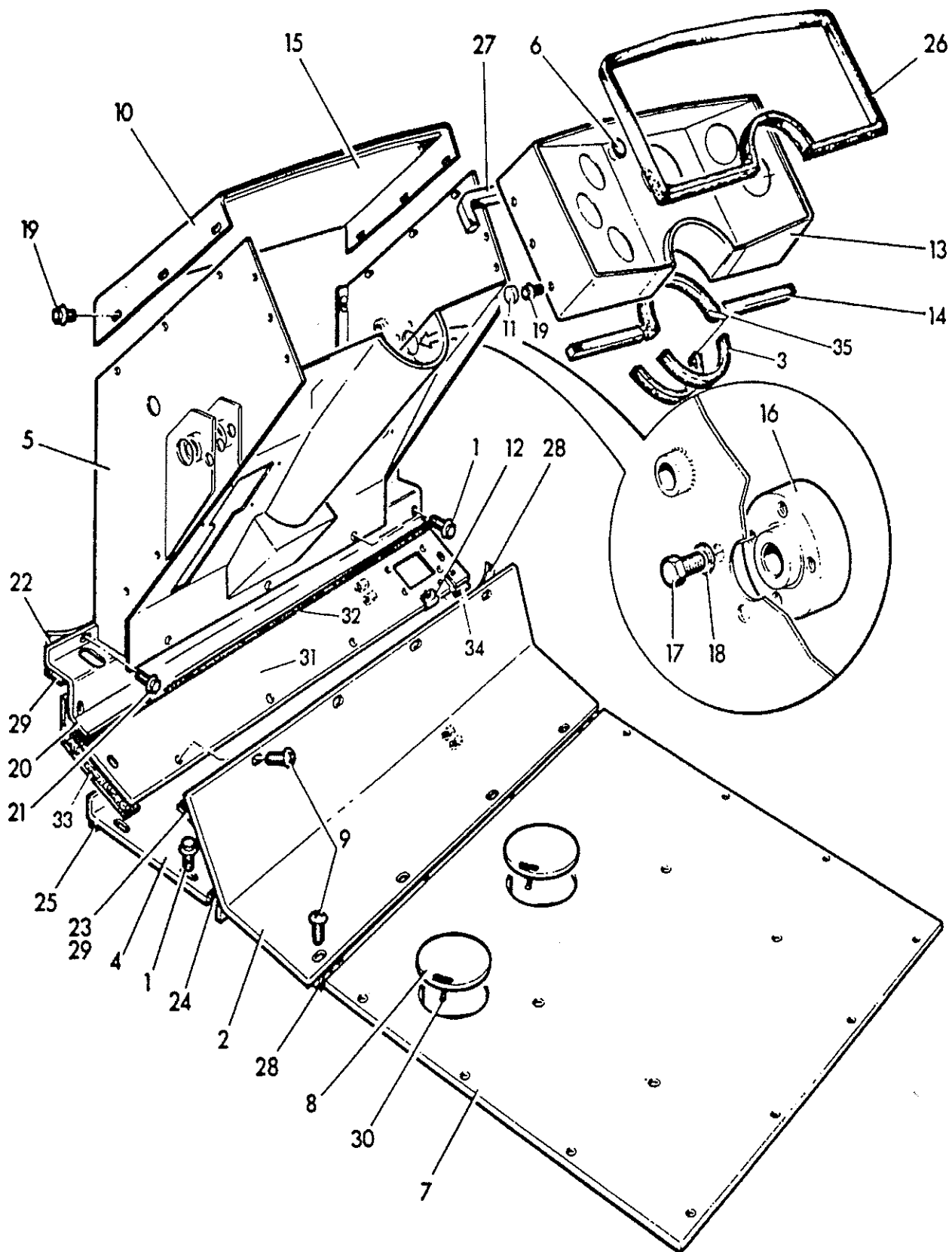
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FIGURE 12B1 - CONTROL PEDESTAL STRUCTURE 80-84
 STEUERUNG LAGERBOCK STRUKTUR
 STRUCTURE DE PALIER DE COMMANDE
 ESTRUCTURA DE PEDESTAL DE CONTROL

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V29892	3975613	80-84/	15	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
2		V53120		80-84/	1	Floorboard - Front
3		V8852001		80-84/	1	Trim - Lower - Replaces 49155
4		V30266		80-84/	1	Baffle - Floorboard
5		V58131		81-84/	1	Dash - WA
		V55784		80/	1	Dash - WA
6		V8854005		80-84/	2	Weatherstrip
7		V27120		80-84/	1	Floorboard - Rear
8		V15722		80-84/	2	Cover - Floorboard w/Cotter Pin
9		V51637		80-84/	24	Screw - Serrated Truss Head 3/8" - 16 UNC x 5/8"
10		V29744		80-84/	1	Cover - Instrument Panel - Replaces TRA-30328
11		V49261		80-84/	6	Cap - Snap
12		V12173		80-84/	11	Nut - Clip 3/8" NC
13		V58008		81-84/	1	Panel - Instrument - Replaces TRA-58008
13		V49154		80/	1	Panel - Instrument
14		V8854007		80-84/	2	Weatherstrip - Replaces TR-49169
15		V54133		80-84/	1	Cover - Access w/Cotter Pin
16		V29818		80-84/	1	Shifter - Hub
17		V12098	3975924	80-84/	4	Bolt - Hex Head 5/16" x 3/4" 18 NC
18		V12087	1861067	80-84/	4	Washer - Lock 5/16" Medium
19		V30081	3975625	80-84/	6	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
20		V51181		80-84/	1	Floorboard - Upper
21		V29990	3975620	80-84/	2	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
22		V30316		80-84/	2	Seal
23		V15771		80-84/	2	Weatherstrip - 6-1/2" - Replaces TR-15771
24		V51572		80-84/	1	Weatherstrip
25		V50848		81-84/	6	Screw - Self-Tapping #12 - 24 UNC x 1/8"
		V301T155		80/	6	Screw - Self-Tapping #12 - 24 UNC x 1/8" - Replaces 301T155P
26		V49156		80-84/	1	Trim - Instrument Panel
27		V8857001		80-84/	1	Weatherstrip - Replaces 30165
28		V54004		80-84/	2	Weatherstrip - Floorboard
29		V51571		80-84/	2	Seal
30		V12115	1859715	80-84/	3	Pin - Cotter 3/16" x 2"
31		V53403		80-84/	1	Floorboard - Front
32		V51573		80-84/	1	Weatherstrip
33		V51578		80-84/	1	Weatherstrip - Left Support
34		V51579		80-84/	1	Weatherstrip - Right Support

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FIGURE 12B2 - CONTROL PEDESTAL STRUCTURE 78-79



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FIGURE 12B2 - CONTROL PEDESTAL STRUCTURE 78-79
 STEUERUNG LAGERBOCK STRUKTUR
 STRUCTURE DE PALIER DE COMMANDE
 ESTRUCTURA DE PEDESTAL DE CONTROL

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V29892	3975613	78-79/	15	Screw - Machine Hex Serrated Washer Head 3/8" x 3/4" 16 NC - Replaces 29892P
2		V53120		79/	1	Floorboard - Front - Replaces TRA-53120
		V14824		78/	1	Floorboard - Front
3		V8854001		78-79/	1	Trim - Lower - Replaces TR-49155
4		V30266		78-79/	1	Baffle - Floorboard - Replaces TRA-30266
5		V53340		79/	1	Dash - Replaces TRA-53340
		V49164		78/	1	Dash
6		V31632		78-79/	1	Button - Plug
7		V27120		78-79/	1	Floorboard - Rear - Replaces TRA-27120
8		V15722		78-79/	2	Cover - Floorboard w/Cotter Pin - Replaces TRA-15722
9		V51637		78-79/	25	Screw - Serrated Positive Drive 3/8" 16 NC x 1.23 Long
10		V29744		78-79/	1	Cover - Instrument Panel - Replaces TRA-30328
11		V49261		78-79/	6	Cap - Snap
12		V12173		78-79/	11	Nut - Clip 3/8" NC
13		V49154		78-79/	1	Panel - Instrument - Replaces TRA-49154
14		V8854007		78-79/	2	Weatherstrip - Replaces TR-49169
15		V53748		79/	1	Insulation
		V49176		78/	1	Insulation
16		V29818		78-79/	1	Shifter - Hub - Replaces TR-29818
17		V12098	3975924	78-79/	4	Bolt - Hex Head 5/16" x 3/4" 18 NC
18		V12087	1861067	78-79/	4	Washer - Lock 5/16" Medium
19		V30081	3975625	78-79/	6	Screw - Machine Hex Serrated Washer Head 1/4" x 1/2" - 20 NC - Replaces 30081P
20		V51181		78-79/	1	Floorboard - Replaces TRA-51181
21		V29990	3975620	78-79/	2	Screw - Machine Serrated Washer Head 5/16" x 3/4" 18 NC - Replaces 29990P
22		V30316		78-79/	1	Seal
23		V15771		78-79/	2	Weatherstrip - 6-1/2" - Replaces TR-15771
24		V8854004		78-79/	1	Weatherstrip - Replaces TR-30262
25		V8854007		78-79/	1	Weatherstrip - Replaces TR-30260
26		V49156		78-79/	1	Trim - Instrument Panel - Replaces TR-49156
27		V8857001		78-79/	1	Weatherstrip - Replaces TR-30165
28		V54004		79/	2	Weatherstrip - Floorboard
		V51572		78/	2	Seal
29		V51571		78-79/	2	Seal
30		V12115	1859715	78-79/	2	Pin - Cotter 3/16" x 2"
31		V53403		79/	1	Floorboard - Replaces TRA-53403
		V51184		78/	1	Floorboard
32		V51573		78-79/	1	Weatherstrip
33		V51578		78-79/	1	Weatherstrip - Left Support
34		V51579		78-79/	1	Weatherstrip - Right Support
35		V8854005		78-79/	2	Weatherstrip - Replaces TR-49157

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FIGURE 12C1 - CONTROL PANEL DIFFERENTIAL LOCK
 STEUERUNGFÜLLUNG DIFFERENTIAL-SPERRE
 BLOCAGE DE DIFFÉRENTIEL DE TABLEAU DE COMMANDE
 BLOQUEADOR DEL DIFERENCIAL DE TABLERO DE CONTROL

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58671		83-84/	1	Post - Valve
2		V56790		83-84/	1	Plate - Cover Post
3		V30081	3975625	83-84/	10	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
4		V56715		83-84/	1	Decal - Valve Panel
5		V56714		83-84/	1	Decal - Caution
6		V29803	3975610	83-84/	4	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
7		V29893	3975615	83-84/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 1" - Replaces 29893P
8		V56780		83-84/	1	Cover - Valve
9		V56778		83-84/	1	Trim - Valve Cover
10		V58446		83-84/	1	Knob - Rotary Valve
11		V12639		83-84/	1	Screw - Set Socket Head 3/8" - 16 UNC x 3/8" - Replaces 12639P
12		V50651		83-84/	4	Screw - Machine Round Head 5/16" - 18 UNC x 1/2"
13		V12087	1861067	83-84/	4	Washer - Lock Helical Spring 5/16" ID - Replaces 12087P
14		V56766		83-84/	1	Valve - Rotary Includes: 15
15		V51656		83-84/	4	Seat
16		V47810		83-84/	1	Elbow - Male 45°
17		V50644		83-84/	2	Elbow - Male 90°
18		V50645		83-84/	1	Elbow - Male 45°
19		V50797		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
20		V50795		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
21		V50798		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
22		V50796		83-84/	1	Hose Assembly - 100 R1 - 3/8" ID
23		V56772		83-84/	1	Harness - Wiring Includes: 31
24		V30968		83-84/	2	Lights - Indicator
25		V48909	3976060	83-84/	2	Bulb - Replaces 30027
26		V29940	3975619	83-84/	1	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
27		V14576		83-84/	1	Screw - Cap Hex 1/4" - 20 UNC x 5/8" - Replaces 14576P
28		V29784		83-84/	1	Holder - Fuse
29		V30018		83-84/	1	Fuse - 3AG-2-250V
30		V56802		83-84/	5	Seal
31		V15953	3975984	83-84/	1	Grommet
		V57405		83-84/	1	Kit - Rotary Valve Seal

12-16

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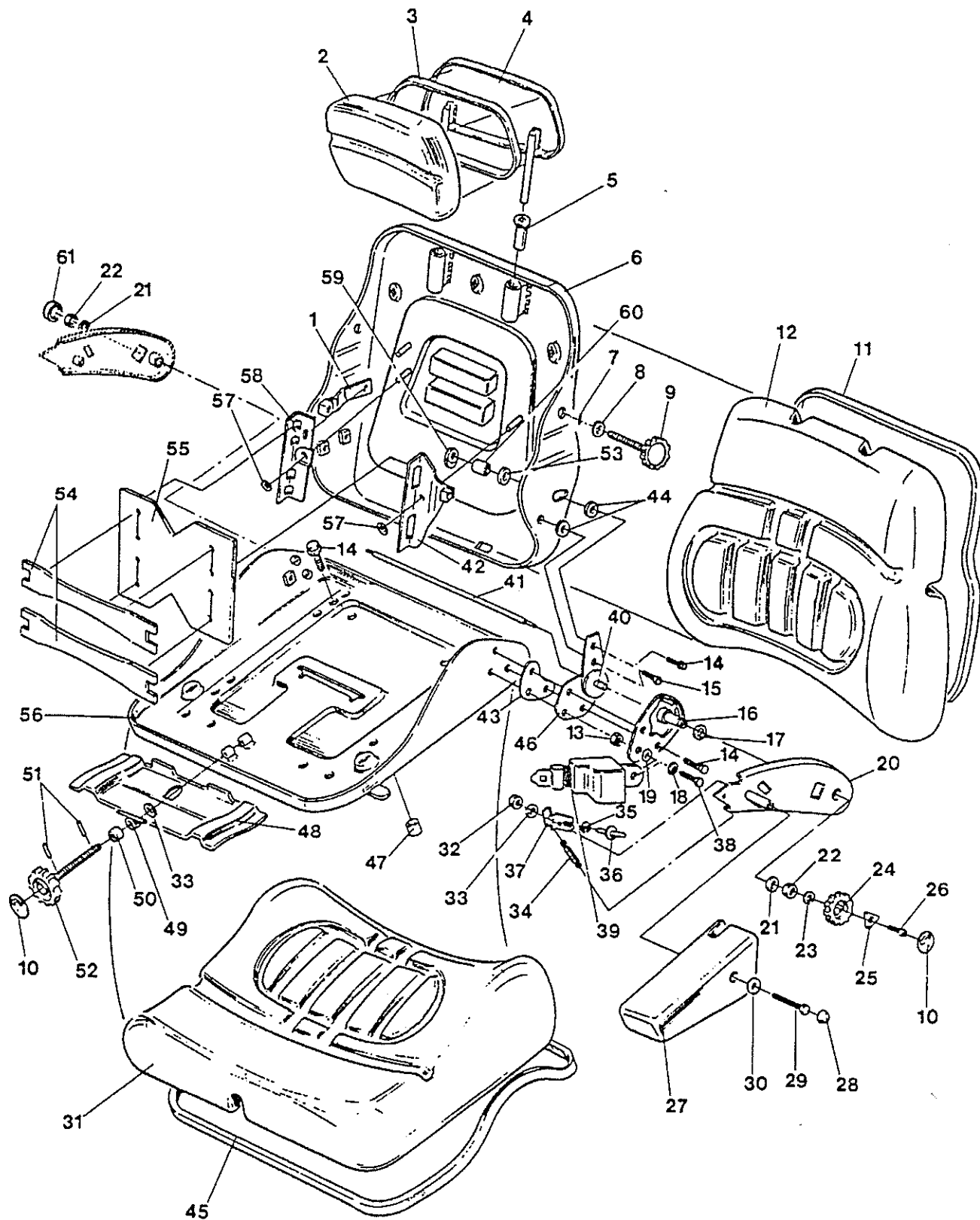
835 TRACTOR

SECTION 13 - SEATS
SEKTION 13 - SITZ
SECTION 13 - SIÈGE
SECCION 13 - ASIENTO

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FIGURE 13A1 - SEAT W/BACKREST 84



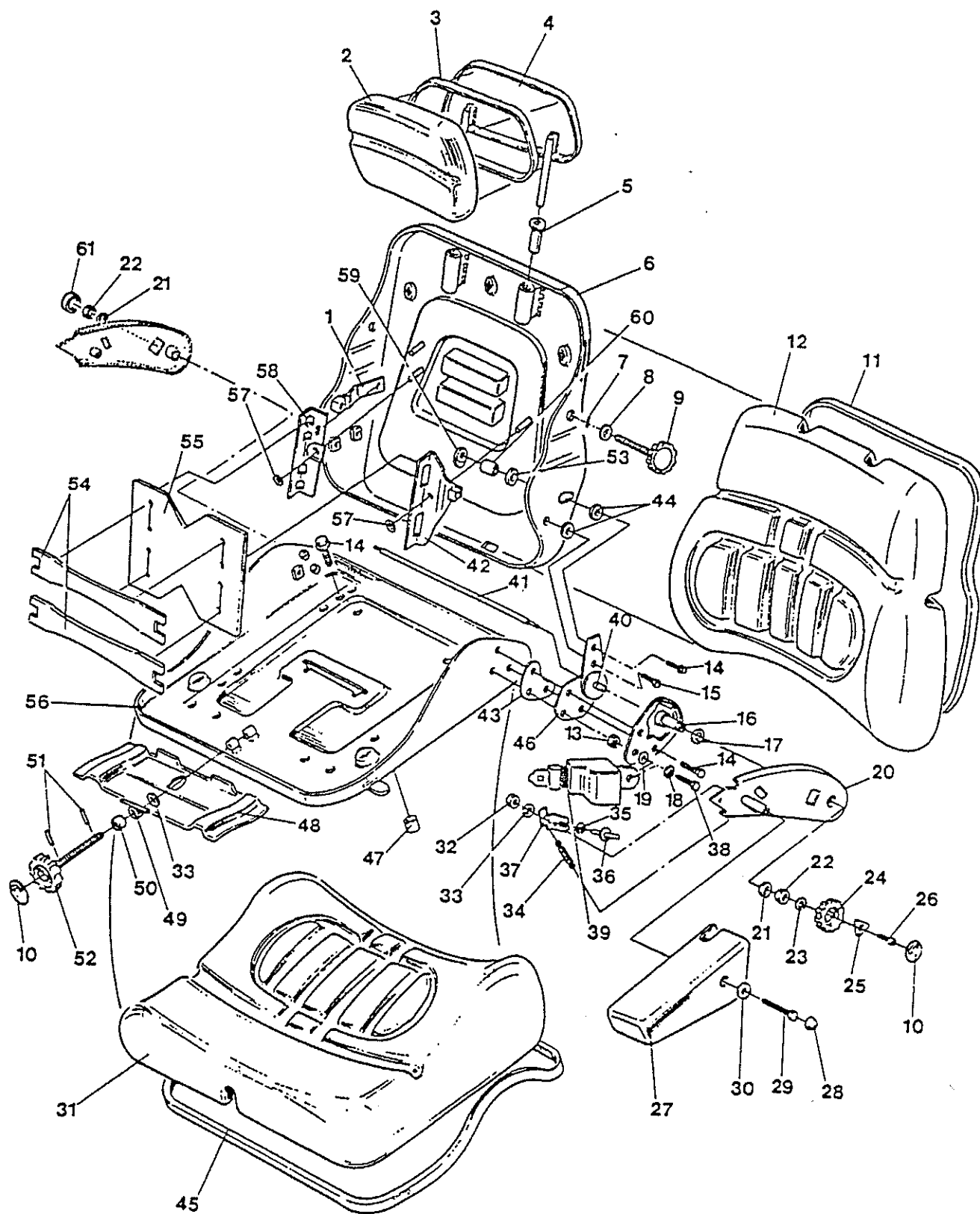
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FIGURE 13A1 - SEAT W/BACKREST 84
SITZ MIT RÜCKEN STÜTZ
ARRIÈRE APPUI AVEC SIÈGE
RESPALDO APOYO CON ASIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V95493		84/	1	Seat Assembly - Complete w/o Base - Replaces 61075
		V96469		84/	1	Seat - Lower Assembly - Replaces 92567
		V9701135		84/	1	Seat - Upper Assembly - Replaces 92566
1		V72613	1861949	84/	1	Bearing - Welded Assembly
2		V97413	1861897	84/	1	Cushion - Headrest
3		V72615	1861898	84/	1	Trim - Profile Backrest Extension
4		V72616	1861899	84/	1	Extension - Backrest Welded
5		V65490	1861900	84/	2	Bushing - Collar
6		V72617		84/	1	Frame - Back Support
7		V92568	1861901	84/	2	Pin - Roll
8		V72619	1861902	84/	2	Washer - Plain M13
9		V72620		84/	2	Adjustment Spindle Assembly
10		V72621		84/	1	Cover - Knob Left Side
11		V65480		84/	1	Trim - Profile Backrest
12		V72622		84/	1	Compact Cushion Assembly - Backrest
13		V12026	1861955	84/	2	Nut - Jam 7/16" - 20 UNF
14		V43127	1861795	84/	8	Screw - Flange - Hex Serrated M8 x 25
15		V75279		84/	2	Screw - Cap Hex
16		V55452		84/	1	Plate - Bearing L.H. - Replaces 72623
		V55458		84/	1	Plate - Bearing R.H. - Replaces 72611
17		V43068	1861914	84/	2	Washer - Plastic M24.5
18				84/	2	Washer - Lock Internal Tooth 11.5
19		V18603	3976001	84/	2	Washer - Plain 7/16" ID x 1" OD x 14 GA - Replaces 18603P
20		V72624	1861916	84/	1	Support - Armrest L.H.
		V72610	1861917	84/	1	Support - Armrest R.H.
21		V43076		84/	2	Washer - Plastic
22		V43070	1861919	84/	2	Nut - Lock Hex M24 x 1.5
23		V53766		84/	1	Plate
24		V53765		84/	1	Knob
25		V43048		84/	1	Washer - Special
26		V44405		84/	1	Screw - Cap Hex Socket Head M6 x 60
27		V72626	1861950	84/	1	Armrest - Padded L.H.
		V72612	1861951	84/	1	Armrest - Padded R.H.
28		V55463	1861924	84/	2	Cover - Bolt Head
29		V75281	1861922	84/	2	Screw - Cap Hex M10 x 45
30		V43079	1861921	84/	2	Washer - Plain M10.5
31		V72598		84/	1	Compact Cushion Assembly - Seat
32		V43084	1861931	84/	2	Nut - Lock Hex M12
33		V43006		84/	3	Washer - A13
34		V75283	1861928	84/	2	Spring - Coil
35		V43085	1861995	84/	2	Washer - Lock M7
36		V55462	1861927	84/	2	Adjustment Spindle Assembly - Replaces 72592
37		V72593	1861929	84/	1	Ratchet - L.H.
		V72609	1861930	84/	1	Ratchet - R.H.
38		V93022		84/	2	Bolt - Hex
39		V95869		84/	1	Belt - Seat - Replaces 49118
40		V72594		84/	1	Tubing

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FIGURE 13A1 - SEAT W/BACKREST 84



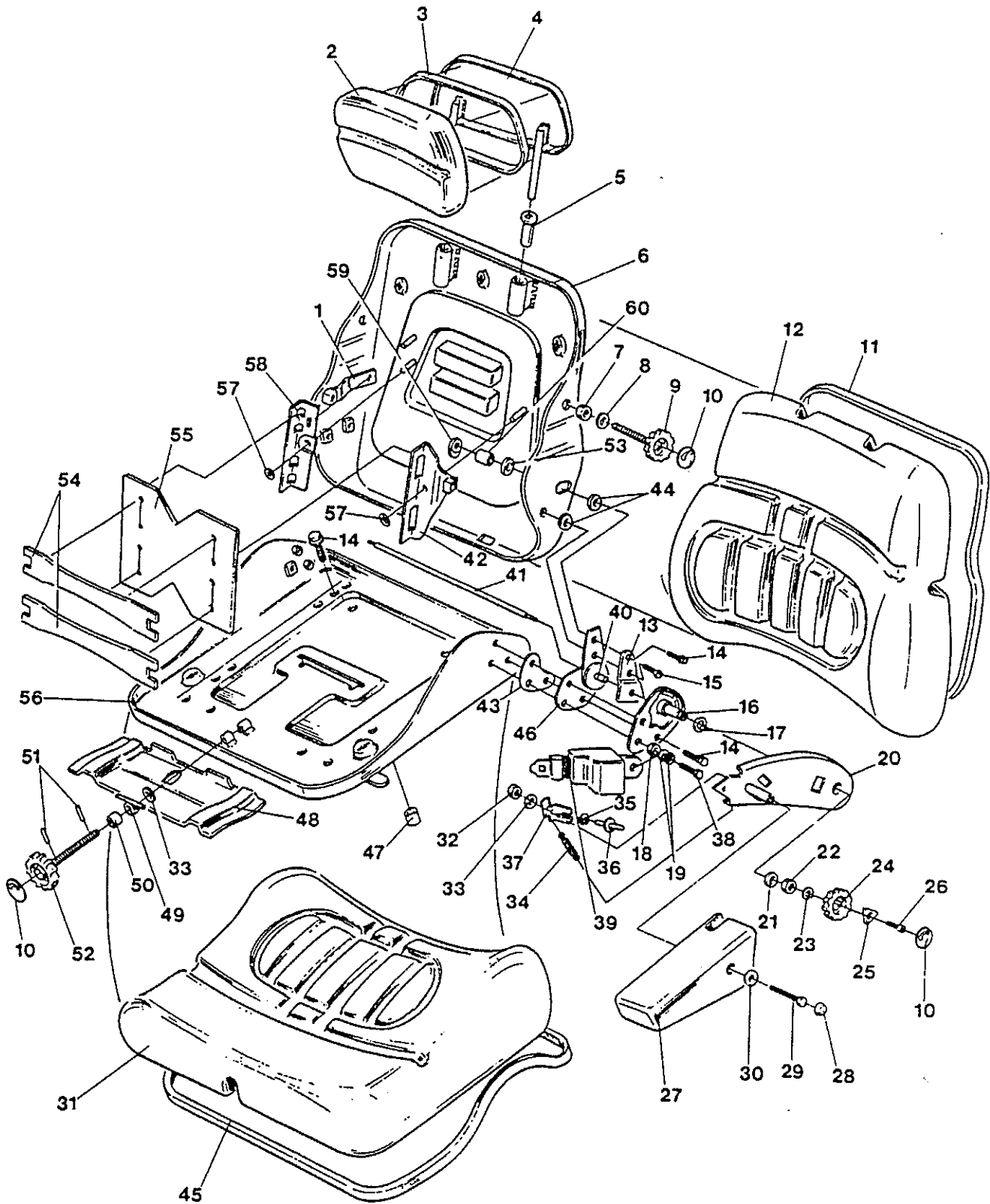
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FIGURE 13A1 - SEAT W/BACKREST 84
 SITZ MIT RÜCKEN STÜTZ
 ARRIÈRE APPUI AVEC SIÈGE
 RESPALDO APOYO CON ASIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
41		V65491		84/	1	Stud - Square
42		V72595		84/	1	Bearing - Welded Assembly
43				84/	3	Spacer - Plastic
44		V72597		84/	2	Washer - Plastic M17
45		V65483	1861925	84/	1	Trim - Profile
46		V65493		84/	1	Plate - Joint L.H.
		V65498		84/	1	Plate - Joint R.H.
47		V72599	1861939	84/	4	Tubing
48		V53767	1861940	84/	1	Adjuster - Seat Angle
49		V65488	1861941	84/	1	Nut - w/Welded Pin
50		V65486	1861942	84/	1	Sleeve - 16 x 1.8 x 7
51		V65487		84/	2	Pin - Dowel 3 x 18
52		V65485	1861943	84/	1	Adjustment Spindle Assembly
53		V72602		84/	2	Washer - Rubber Spring
54		V72603	1861946	84/	2	Plate - Lumbar Support
55		V72604	1861947	84/	1	Plate - Plastic
56		V72605	1861945	84/	1	Plate - Seat
57		V72606	1862024	84/	2	Retainer
58		V72607	1861948	84/	1	Bracket
59		V75272		84/	2	Nut - Weld M8
60		V72608		84/	2	Tubing
61		V75271		84/	1	Cover - M24 Right Side

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FIGURE 13A2 - SEAT W/ BACKREST 83



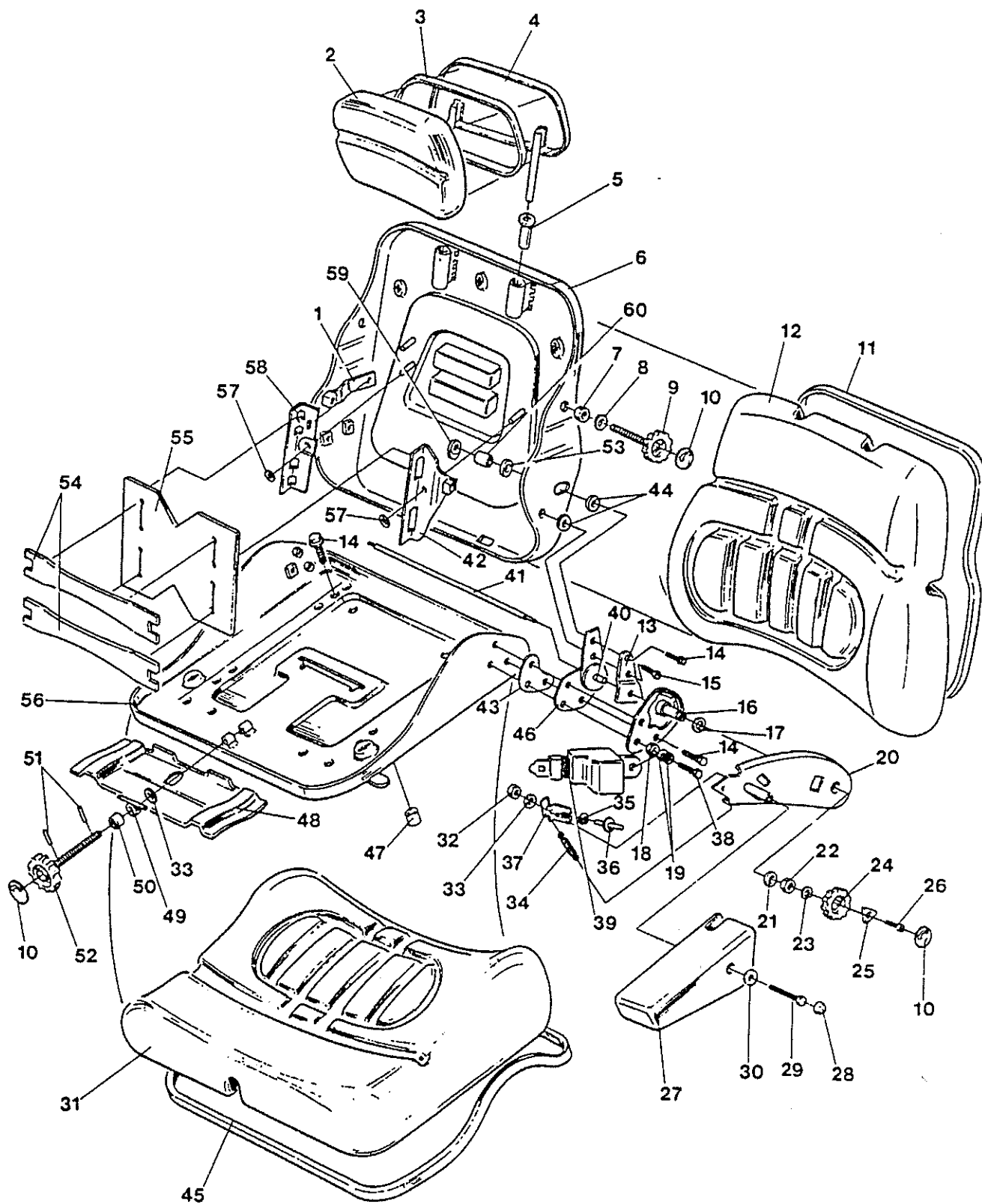
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FIGURE 13A2 - SEAT W/BACKREST 83
SITZ MIT RÜCKEN STÜTZ
ARRIÈRE APPUI AVEC SIÈGE
RESPALDO APOYO CON ASIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V95493		83/	1	Seat Assembly - Complete w/o Base - Replaces 61075
1		V72613		83/	1	Bearing - Welded
2		V97413		83/	1	Compact Cushion Assembly - Backrest Extension - Replaces 72614
3		V72615	1861897	83/	1	Trim - Profile Backrest Extension
4		V72616	1861899	83/	1	Extension - Backrest Welded
5		V65490	1861900	83/	2	Bushing - Collar
6		V72617		83/	1	Frame - Back Support
7		V72618		83/	2	Nut - Hex M12 x 3
8		V72619	1861902	83/	2	Washer - Plain M13
9		V72620		83/	2	Adjustment Spindle Assembly
10		V72621		83/	2	Cover - Knob
11		V65480		83/	1	Trim - Profile Backrest
12		V72622		83/	1	Compact Cushion Assembly - Backrest
13		V65495		83/	1	Plate - Bearing L.H.
		V65499		83/	1	Plate - Bearing R.H.
14		V43127	1861795	83/	8	Screw - Flange - Hex Serrated M8 x 25
15		V75279		83/	2	Screw - Cap Hex
16		V55452		83/	1	Plate - Bearing L.H. - Replaces 72623
		V55458		83/	1	Plate - Bearing R.H. - Replaces 72611
17		V43068	1861914	83/	2	Washer - Plastic M24.5
18		V12026	1861955	83/	2	Nut - Jam Hex 7/16" - 20 UNF
19		V18603	3976001	83/	4	Washer - Plain 7/16" ID x 1" OD x 14 GA - Replaces 18603P
20		V72624	1861916	83/	1	Support - Armrest L.H.
		V72610	1861917	83/	1	Support - Armrest R.H.
21		V43076	1861918	83/	2	Washer - Plastic
22		V43070	1861919	83/	2	Nut - Lock Hex M24 x 1.5
23		V53766		83/	1	Plate
24		V53765		83/	1	Knob
25		V43048		83/	1	Washer - Special
26		V44405		83/	1	Screw - Cap Hex Socket Head M6 x 60
27		V72626	1861950	83/	1	Armrest - Padded L.H.
		V72612	1861951	83/	1	Armrest - Padded R.H.
28		V55463	1861924	83/	2	Cover - Bold Head
29		V75281	1861922	83/	2	Screw - Cap Hex M10 x 45
30		V43079	1861921	83/	2	Washer - Plain M10.5
31		V72598		83/	1	Compact Cushion Assembly - Seat
32		V43084	1861931	83/	2	Nut - Lock Hex M12
33		V72619	1861902	83/	3	Washer - Plain M13
34		V75283	1861928	83/	2	Spring - Coil
35		V43085	1861995	83/	4	Washer - Lock M7
36		V55462	1861927	83/	2	Adjustment Spindle Assembly - Replaces 72592
37		V72593		83/	1	Ratchet - L.H.
		V72609	1861930	83/	1	Ratchet - R.H.
38		V50096		83/	2	Screw - Cap Hex 7/16" - 20 UNF x 1-1/4"

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FIGURE 13A2 - SEAT W/ BACKREST 83



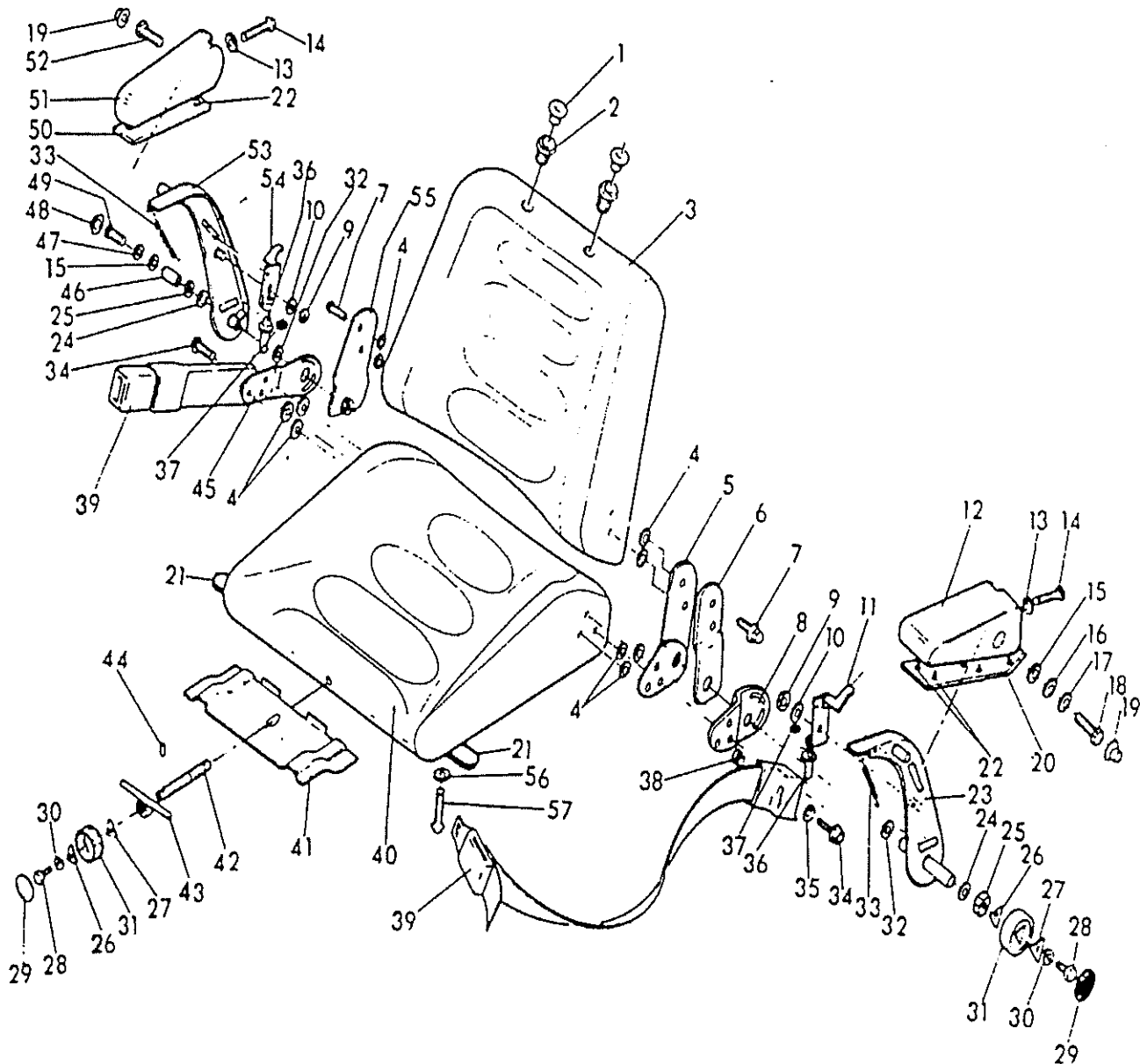
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FIGURE 13A2 - SEAT W/BACKREST 83
 SITZ MIT RÜCKEN STÜTZ
 ARRIÈRE APPUI AVEC SIÈGE
 RESPALDO APOYO CON ASIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
39		V95869		83/	1	Belt - Seat - Replaces 49118
40		V72594		83/	1	Tubing
41		V65491		83/	1	Stud - Square
42		V72595		83/	1	Bearing - Welded
43		V72596		83/	3	Spacer - Plastic
44		V72597		83/	2	Washer - Plastic M17
45		V65483	1861925	83/	1	Trim - Profile
46		V65493		83/	1	Bracket - L.H.
		V65498		83/	1	Bracket - R.H.
47		V72599	1861939	83/	4	Tubing
48		V53767	1861940	83/	1	Adjuster - Seat Angle
49		V65488	1861941	83/	1	Nut - w/Welded Pin
50		V65486	1861942	83/	1	Sleeve - 16 x 1.8 x 7
51		V65487		83/	2	Pin - Dowel 3 x 18
52		V65485	1861943	83/	1	Adjustment Spindle Assembly
53		V72602		83/	2	Washer - Rubber Spring
54		V72603	1861946	83/	2	Plate - Lumbar Support
55		V72604	1861947	83/	1	Plate - Plastic
56		V72605	1861945	83/	1	Plate - Seat
57		V72606	1862024	83/	2	Retainer
58		V72607	1861948	83/	1	Bracket
59		V75272		83/	2	Nut - Weld M8
60		V72608		83/	2	Tubing

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FIGURE 13A3 - SEAT W/BACKREST 79-83



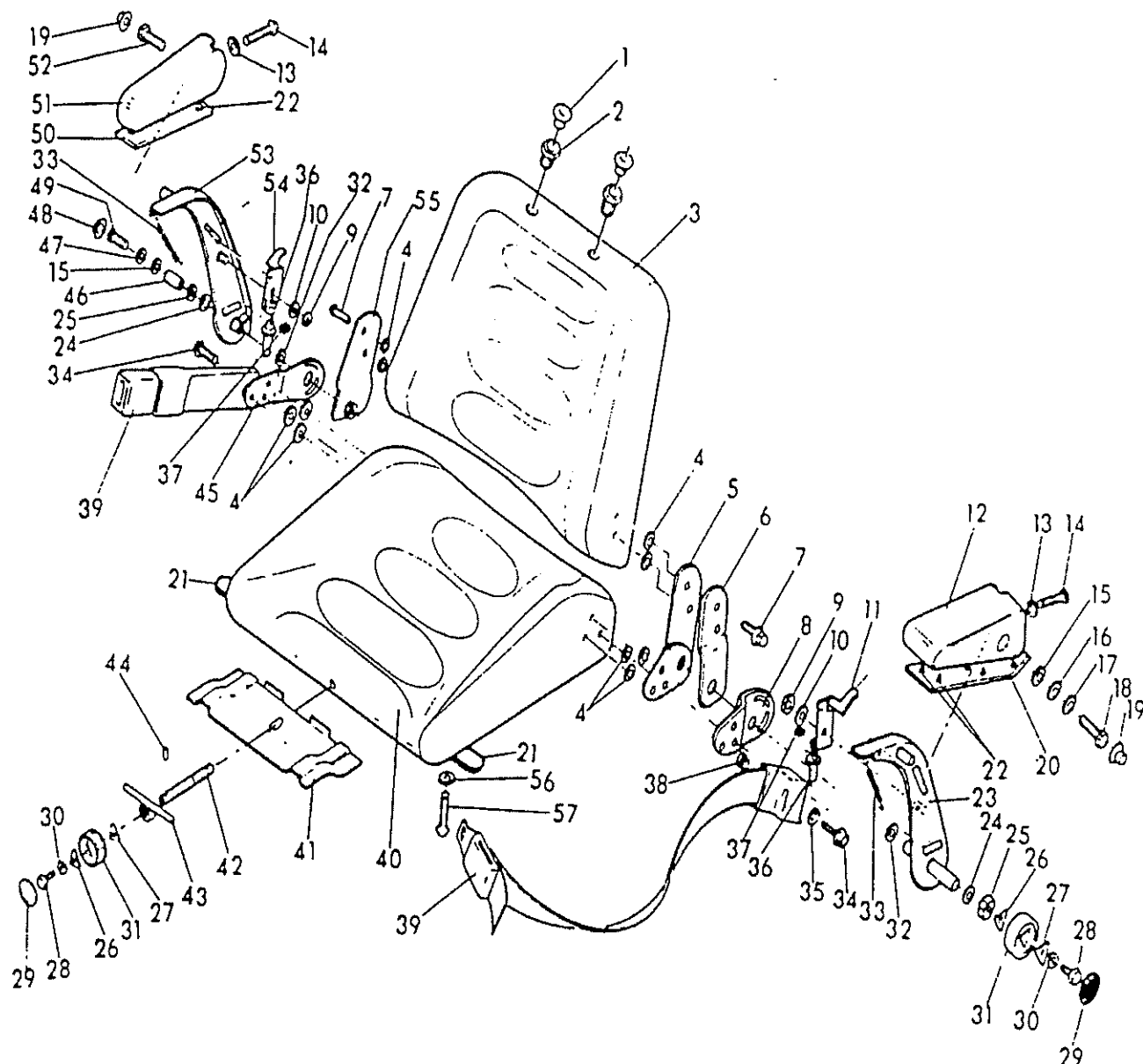
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FIGURE 13A3 - SEAT W/BACKREST 79-83
SITZ MIT RÜCKEN STÜTZ
ARRIÈRE APPUI AVEC SIÈGE
RESPALDO APOYO CON ASIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V95493		79-80/	1	Seat Assembly - Complete - Replaces 49120
2		V53786		79-83/	2	Tubing - End Cover
3		V53785		79-83/	2	Bushing
		V55446		79-83/	1	Cover - Backrest
		V55445		79-83/	1	Support - Back Padded
4		V43057		79-83/	10	Washer - 10.5
5		V53780		79-83/	1	Bracket - Gear
6		V55451		79-83/	1	Plate - Bearing
7		V60953	1861915	81/	4	Bolt - Serrated M8 x 20
		V43078		79-80/	4	Bolt - Serrated M8 x 20
8		V55452		79-83/	1	Plate - Bearing
9		V43084	1861931	79-83/	2	Nut - Hex Head Locking M12
10		V43006		79-83/	2	Washer - 13
11		V55464		79-83/	1	Ratchet - Left
12		V55454		79-83/	1	Rest - Arm Padded Left
13		V43035		79-83/	2	Nut - Hex M8
14		V43043		79-83/	2	Screw - Socket M8 - 30
15		V43079	1861921	79-83/	2	Washer - A10.5
16		V43086		79-83/	1	Washer - A10.5
17		V43087		79-83/	1	Washer - 10.5
18		V43088		79-83/	1	Bolt - Hex M10 x 12
19		V55463	1861924	79-83/	2	Cover - Bolt Head
20		V55456		79-83/	1	Cover - Armrest Left
21		V55450		79-83/	2	Strap - Joint
22		V55455		79-83/	7	Plug - Attachment
23		V55453		79-83/	1	Armrest - Bracket Left
24		V43076	1861918	79-83/	2	Washer - A25
25		V43070	1861919	79-83/	2	Nut - Hex M24 x 1.5
26		V53766		79-83/	2	Plate
27		V43048		79-83/	2	Washer
28		V43050		79-83/	2	Bolt - Cylinder M6 x 10
29		V53784		79-83/	2	Cover - Knob
30		V43049		79-83/	2	Washer - Spring A6
31		V53765		79-83/	2	Knob
32		V43068	1861914	79-83/	2	Washer - 24.5
33		V53808		79-83/	2	Spring - Coil
34		V60931		81-83/	6	Bolt - Serrated M8 x 40
		V43077		79-80/	6	Bolt - Serrated M8 x 40
35		V18602		79-83/	2	Washer - Plain 7/8" OD x 3/8" ID x 16 GA
36		V55462	1861927	79-83/	2	Spindle - Adjustment
37		V43085	1861995	79-83/	2	Washer - Lock 7
38		V49710		79-83/	2	Spacer - Seat Belt - Replaces TR-49710
39		V95869		79-83/	1	Seat Belt Assembly - Replaces 49118
40		V55444		79-83/	1	Cover - Seat
		V55443		79-83/	1	Pan - Seat Padded
41		V53767	1861940	79-83/	1	Plate - Support
42		V43072		79-83/	1	Bolt

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FIGURE 13A3 - SEAT W/BACKREST 79-83



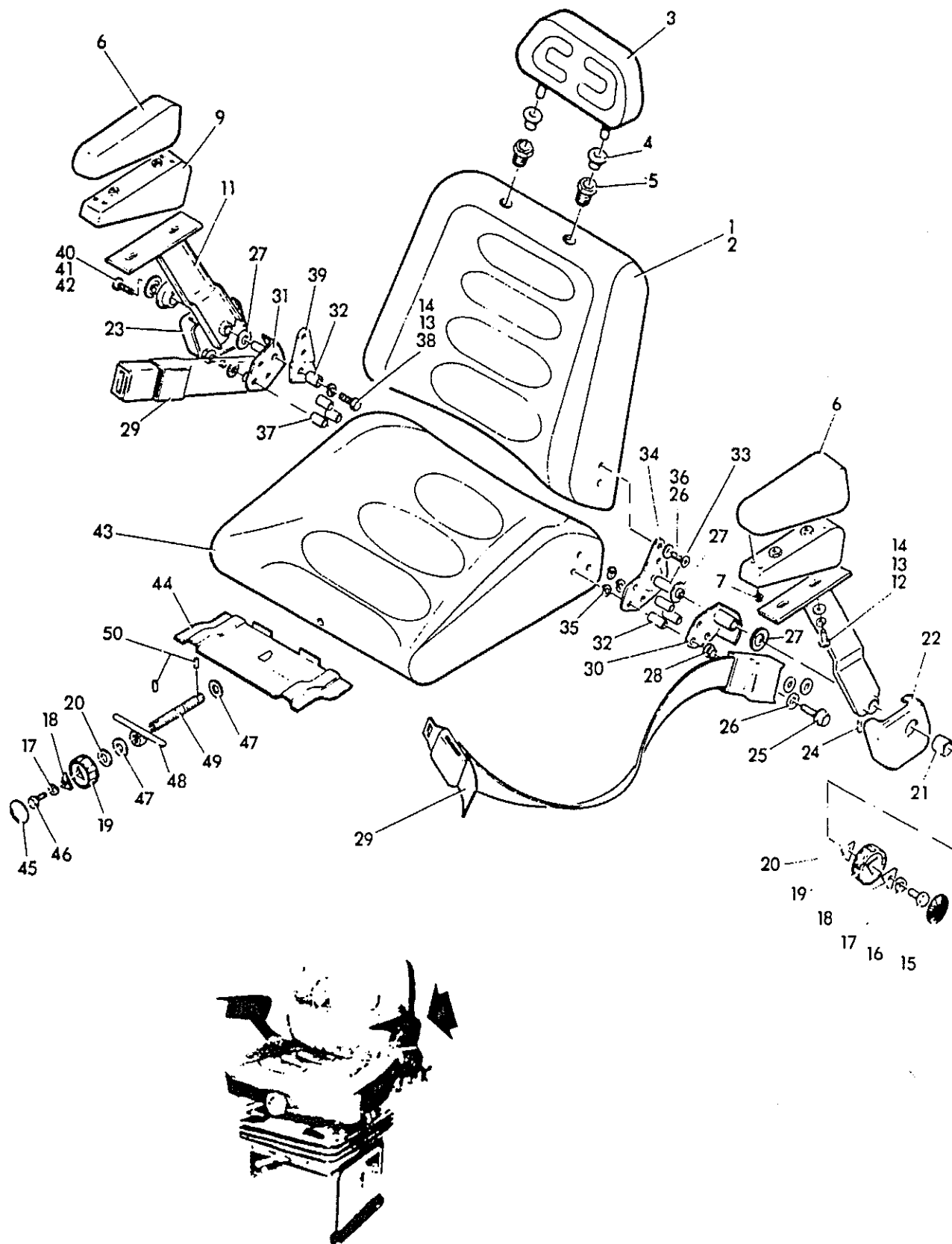
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FIGURE 13A3 - SEAT W/BACKREST 79-83
 SITZ MIT RÜCKEN STÜTZ
 ARRIÈRE APPUI AVEC SIÈGE
 RESPALDO APOYO CON ASIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
43		V43047		79-83/	1	Nut - w/Welded Pin
44		V43045		79-83/	1	Sleeve - Locking 3 x 16
45		V55458		79-83/	1	Plate - Bearing
46		V55459		79-83/	1	Sleeve - 18 x 3.5
47		V43080		79-83/	1	Washer - Spring A10
48		V43082	1861920	79-83/	1	Cover - M24
49		V43081		79-83/	1	Bolt - Hex M10 x 75
50		V55466		79-83/	1	Cover - Armrest Right
51		V55461		79-83/	1	Armrest - Right Padded
52		V43083		79-83/	1	Bolt - Hex M10 x 70
53		V55460		79-83/	1	Bracket - Armrest Right
54		V55465		79-83/	1	Ratchet
55		V55457		79-83/	1	Plate - Bearing
56		V43040		79-83/	4	Washer - Spring A.8
57		V43075		79-83/	4	Bolt - Hex M8 x 20

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FIGURE 13A4 - SEAT W/BACKREST (EARLY) 78-79



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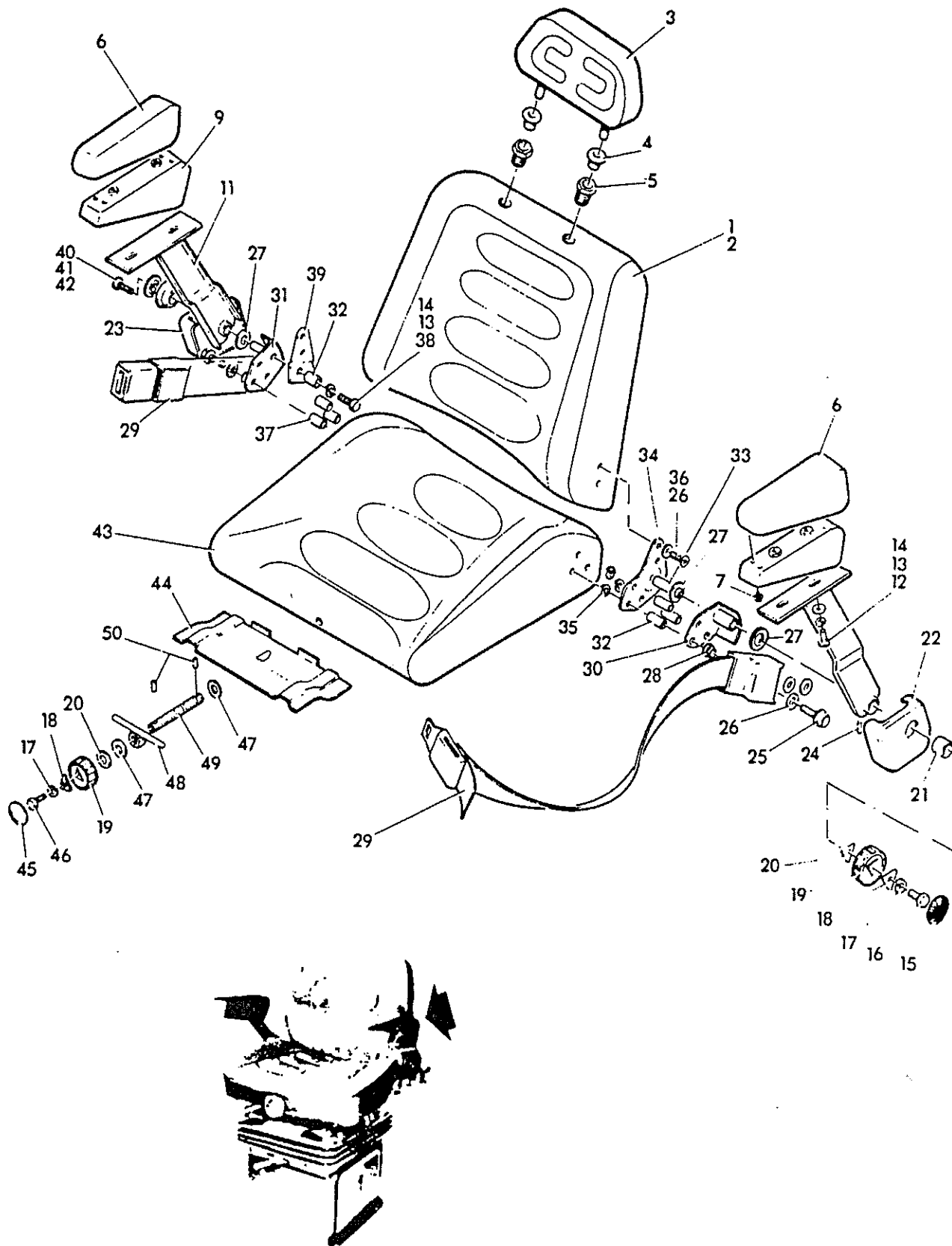
FIGURE 13A4 - SEAT W/BACKREST (EARLY) 78-79
 SITZ MIT RÜCKEN STÜTZ (FRÜH)
 ARRIÈRE APPUI AVEC SIÈGE (EN AVANCE)
 RESPALDO APOYO CON ASIENTO (TEMPRANO)

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V9701135		78-79/	1	Seat Assembly - Complete w/Base - Replaces TRA-49120
1		V61405		78-79/	1	Seat - w/o Base - Replaces 48913
2		V53771		78-79/	1	Backrest - Upholstered
3		V53770		78-79/	1	Cover
4		V52723		78-79/	1	Headrest
5		V53786		78-79/	2	Tube
		V53785		78-79/	2	Sleeve
6		V53794		78-79/	2	Armrest
7		V43029		78-79/	8	Screw - Metal
8	NS	V53778		78-79/	1	Armrest - Bracket Left
9		V53762		78-79/	1	Armrest - Bracket Right - Replaces 53778
10		V53779		78-79/	1	U-Track - Left
11		V53763		78-79/	1	U-Track - Right
12		V43030	1861649	78-79/	4	Bolt - Hex
13		V43040		78-79/	4	Washer - Spring
14		V43041		78-79/	4	Washer
15		V53784		78-79/	1	Cover - Knob - Replaces 53764
16		V43032		78-79/	1	Bolt - Cylindrical
17		V43049		78-79/	2	Washer - Spring
18		V53766		78-79/	2	Plate
19		V53765		78-79/	2	Knob
20		V43048		78-79/	2	Washer
21		V53775		78-79/	1	Tube
22		V53777		78-79/	1	Cover - Left
23		V53761		78-79/	1	Cover - Right
24		V43037		78-79/	2	Pin - Threaded
25		V43042		78-79/	6	Bolt - Hex Serrated
26		V43031		78-79/	10	Washer - Serrated
27		V43038		78-79/	3	Washer
28		V49710		78-79/	2	Spacer - Replaces TR-49710
29		V95869		78-79/	1	Beit - Seat - Replaces 49118
30		V53776		78-79/	1	Plate - Bearing Left
31		V53760		78-79/	1	Plate - Bearing Right
32		V53773		78-79/	4	Tube
33		V53774		78-79/	1	Tube

NS - Not Serviced

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FIGURE 13A4 - SEAT W/BACKREST (EARLY) 78-79



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FIGURE 13A4 - SEAT W/BACKREST (EARLY) 78-79
 SITZ MIT RÜCKEN STÜTZ (FRÜH)
 ARRIÈRE APPUI AVEC SIÈGE (EN AVANCE)
 RESPALDO APOYO CON ASIENTO (TEMPRANO)

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
34		V53780		78-79/	1	Bracket
35				78-79/	7	Washer - Spring
36		V43043		78-79/	4	Screw
37		V53772		78-79/	3	Tube
38		V43036		78-79/	1	Bolt
39		V53759		78-79/	1	Plate - Bearing
40		V43053		78-79/	1	Screw
41		V43052		78-79/	1	Washer
42		V43051		78-79/	1	Washer
43		V53769		78-79/	1	Seat - Upholstered
44		V53767	1861940	78-79/	1	Pan - Seat
45	NS	V53764		78-79/	1	Cover - Knob
46		V43050		78-79/	1	Bolt - Cylindrical
47		V43046		78-79/	2	Washer
48		V43047		78-79/	1	Nut - Bolt
49		V43044		78-79/	1	Bolt
50		V43045		78-79/	1	Sleeve

NS - Not Serviced

This technical drawing is an exploded view of a mechanical assembly, likely a hand saw. The components are numbered as follows:

- 1**: Top handle plate
- 2**: Screws for handle plates
- 3**: Small rectangular plate
- 4**: Screws for the frame
- 5**: Compression spring
- 6**: Guide pin
- 7**: Guide pins
- 8**: Blade guide
- 9**: Blade guide plate
- 10**: Screws for the blade guide
- 11**: Screws for the blade guide
- 12**: Screws for the blade guide
- 13**: Blade guide plate
- 14**: Screws for the blade guide
- 15**: Screws for the blade guide
- 16**: Screws for the blade guide
- 17**: Screws for the blade guide
- 18**: Blade
- 19**: Blade
- 20**: Screws for the blade
- 21**: Screws for the blade
- 22**: Screws for the blade
- 23**: Blade
- 24**: Blade
- 25**: Blade
- 26**: Screws for the blade
- 27**: Screws for the blade
- 28**: Screws for the blade
- 29**: Blade
- 30**: Blade
- 31**: Screws for the blade
- 32**: Screws for the blade
- 33**: Blade

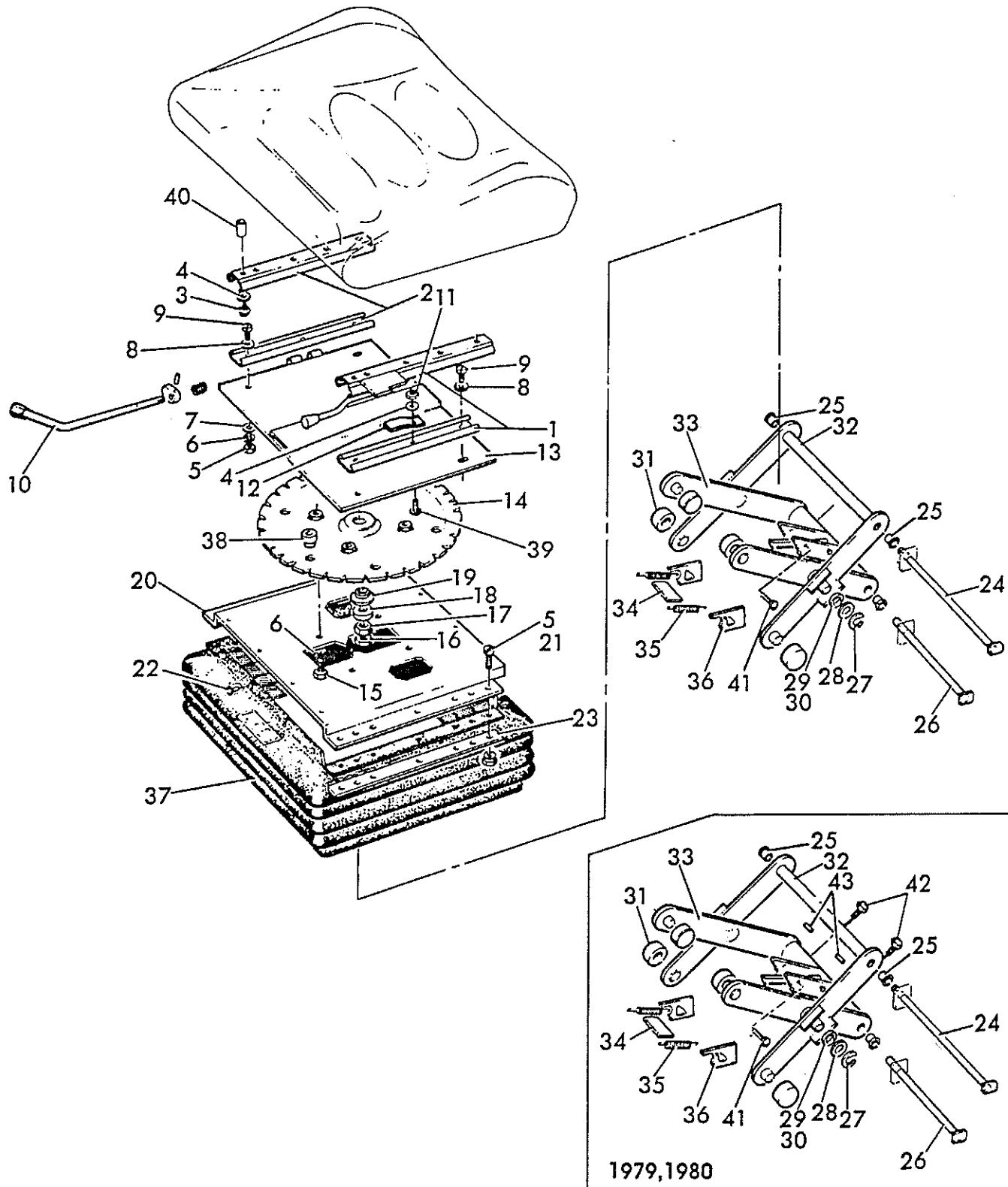
835 TRACTOR

FIGURE 13A5 - UPPER SEAT ADJUSTMENT 83-84
 OBERE SITZ EINSTELLUNG
 RÉGLAGE SIÈGE SUPÉRIEUR
 AJUSTE ASIENTO SUPERIOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V72574	1861956	83-84/	1	Support - Welded
2		V75273		83-84/	4	Needle Bearing Assembly
3		V72575	1861958	83-84/	4	Bracket - Spring Steel
		V72577		83-84/	1	Shock Absorber Assembly Includes: 4, 6 & 7
4		V75274	1861956	83-84/	2	Pin - Hex Grooved
5		V75275	1861960	83-84/	2	Spring - Coil
6		V72578	1861961	83-84/	1	Absorber - Shock
7		V43004	1861962	83-84/	2	Washer - Lock M5
8		V72579		83-84/	1	Track - Side
9		V72580	1861963	83-84/	1	Support - Welded
10		V72581		83-84/	3	Tubing
11		V75276	1861965	83-84/	8	Washer - Lock Serrated M8.2
12		V43636		83-84/	6	Screw - Cap - Hex Socket Head M8 x 20
13		V53797	1861966	83-84/	1	Plate Assembly
14		V60926	1861967	83-84/	1	Bushing - Collar
15		V43018	1861968	83-84/	1	Washer - Thrust
16		V43019	1861969	83-84/	1	Nut - Hex M16
17		V43020	1861970	83-84/	1	Nut - Flange - Hex Serrated M16
18		V53781	1861971	83-84/	1	Plate - Swivel
19		V43016	1861972	83-84/	6	Bushing - Collar
20		V75277	1861973	83-84/	4	Nut - Hex M8
21		V72584	1861974	83-84/	4	Bumper
22		V44403	1861975	83-84/	2	Washer - Plain M8
23		V60925	1861976	83-84/	1	Lever Assembly
24		V72585	1861977	83-84/	1	Tubing
25		V72586	3977168	83-84/	1	Track - Adjustment
26		V43507	1861978	83-84/	2	Rivet - Blind M4 x 12
27		V43498	1861979	83-84/	8	Rivet - Blind M3.2 x 6.5
28		V75278	1861980	83-84/	1	Spring - Coil
29		V72588		84/	1	Lever Assembly
		V72587	1861981	83/	1	Lever Assembly
30		V72589		83-84/	2	Washer - Plastic M10
31		V43005	1861983	83-84/	1	Washer - Lock M9
32		V44364		83-84/	4	Screw - Cap Hex M8 x 16
33		V72590		84/	1	Housing - Suspension

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FIGURE 13A6 - UPPER SEAT ADJUSTMENT 79-83



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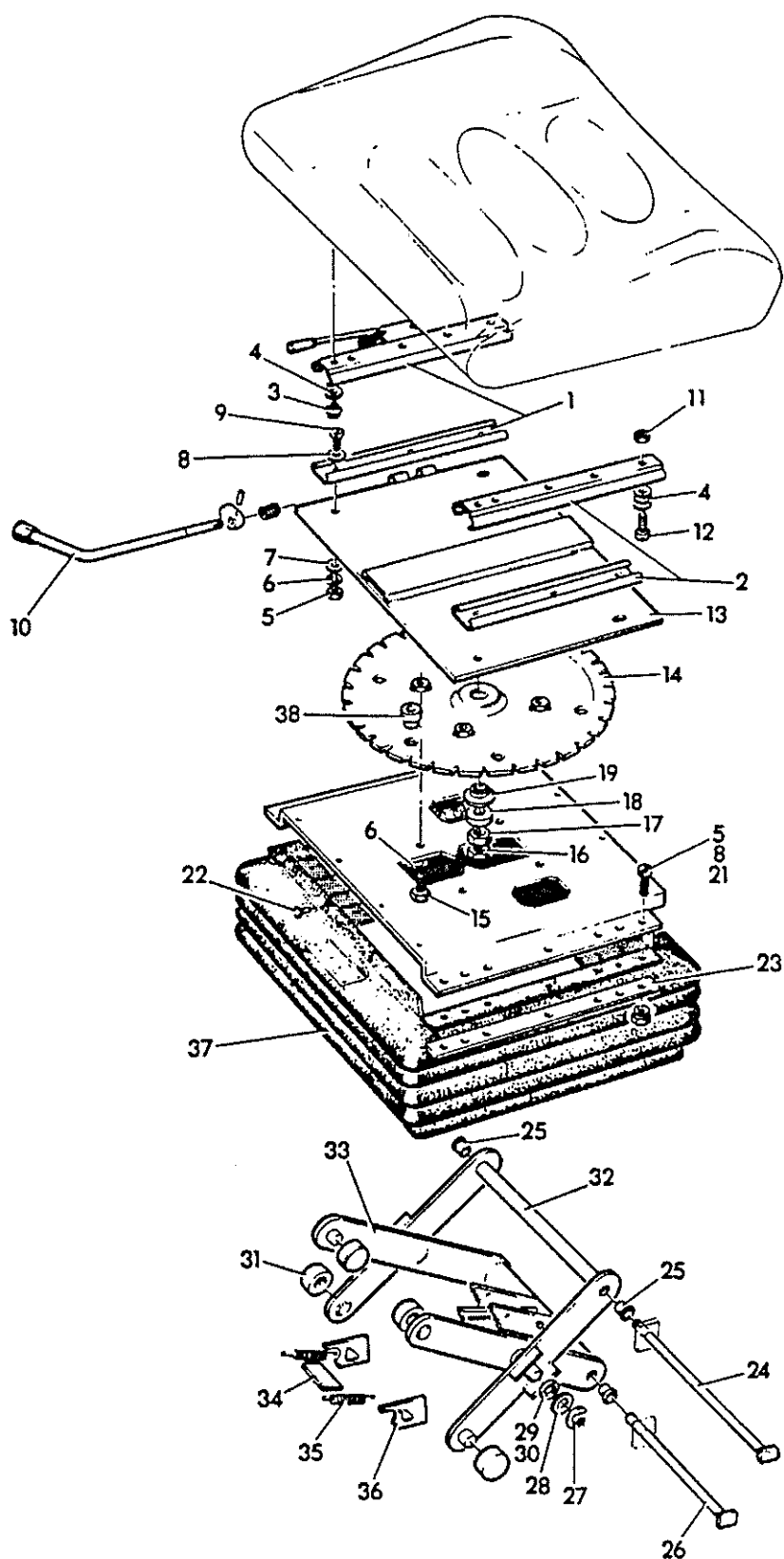
FIGURE 13A6 - UPPER SEAT ADJUSTMENT 79-83
 OBERE SITZ EINSTELLUNG
 RÉGLAGE SIÈGE SUPÉRIEUR
 AJUSTE ASIENTO SUPERIOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V60928		81-83/	1	Track - w/Adjustment
		V53783		79-80/	1	Track - w/Adjustment
2		V53782		79-83/	1	Track
3		V43033		79-83/	4	Bolt
4		V43031		79-83/	5	Washer - Serrated
5		V43035		79-83/	10	Nut - Hex M8
6		V43040		79-83/	14	Washer - Spring
7		V43057		79-83/	4	Washer
8		V43041	1862006	81-83/	4	Washer
		V43059		79-80/	4	Washer
9		V43074		79-83/	4	Bolt - Hex M8 x 20
10		V60925	1861976	81-83/	1	Lever - Complete
		V53796		79-80/	1	Lever - Complete
11		V43362	3975702	79-83/	1	Nut - Hex M8 - Replaces 43003
12		V55448		79-83/	1	Stop - Front End
13		V53797	1861966	79-83/	1	Plate
14		V55442		79-83/	1	Disc - Notched
15		V43062		79-83/	4	Screw - Fillister Head
16		V43020	1861970	79-83/	1	Nut - Lock M16 Serrated
17		V43019	1861969	79-83/	1	Nut - Hex M16
18		V43018	1861968	79-83/	1	Plate - Thrust
19		V60926	1861967	81-83/	1	Bushing
		V43017		79-80/	1	Bushing
20		V53816		79-83/	1	Plate - Upper
21		V43021		79-83/	6	Bolt - Hex M8 x 15
22		V43015		79-83/	26	Plug
23		V53811	1862002	79-83/	2	Trim - Metal
24		V43028		79-83/	1	Rod
25		V65476		79-83/	4	Bearing - Foil - Replaces 53806
26		V43008		79-83/	1	Rod
27		V43073		79-83/	2	Washer - Lock
28		V43006		79-83/	2	Washer - A13
29		V43007		79-83/	2	Washer
30		V53809		79-83/	2	Bushing
31		V53802		79-83/	1	Roller
32	NS	V53818		79-83/	1	Arm - Scissor Outside
33		V102050		79-83/	1	Arm - Scissor Inside - Replaces 53817 & 54818
34		V53819		79-83/	1	Plate - Notched
35		V53808		79-83/	2	Spring
36		V53788		79-83/	2	Bracket - Release
37		V53807		79-83/	1	Bellows - Rubber
38		V43016	1861972	79-83/	6	Bushing
39		V43060		79-83/	1	Screw - Socket Head M8 x 12
40		V55449		79-83/	4	Tubing
41		V43012		79-83/	1	Bolt - Hex
		V57053		79-83/	1	Kit - Upper Adjustment
42		V43013		79-80/	1	Bolt
43		V43014		79-80/	1	Pin - Grooved Lock

NS - Not Serviced

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FIGURE 13A7 - UPPER SEAT ADJUSTMENT (EARLY) 78-79



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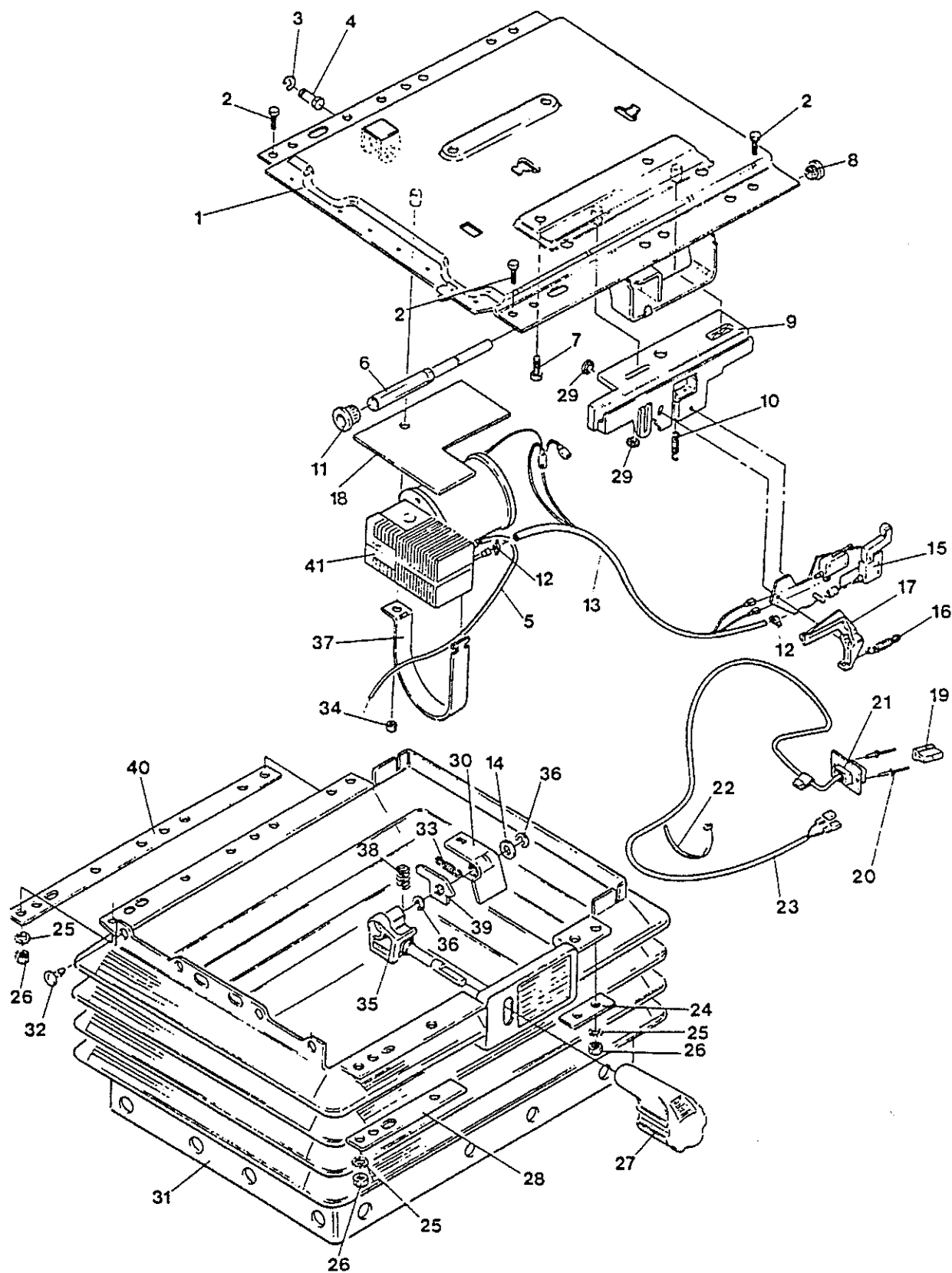
FIGURE 13A7 - UPPER SEAT ADJUSTMENT (EARLY) 78-79
 OBERE SITZ EINSTELLUNG (FRÜH)
 RÉGLAGE SIÈGE SUPÉRIEUR (EN AVANCE)
 AJUSTE ASIENTO SUPERIOR (TEMPRANO)

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V53783		78-79/	1	Track - w/Adjustment
2		V53782		78-79/	1	Track
3		V43054		78-79/	4	Bolt
4		V43031		78-79/	10	Washer
5		V43035		78-79/	4	Nut - Hex M8
6		V43040		78-79/	8	Washer - Spring
7		V43057		78-79/	4	Washer
8		V43041	1862006	78-79/	4	Washer
9		V43030	1861649	78-79/	4	Bolt - Hex M8 x 20
10		V53796		78-79/	1	Lever - Complete
11		V43362		78-79/	12	Nut - Hex M8 - Replaces 43003
12		V43055		78-79/	1	Bolt
13		V53797	1861966	78-79/	1	Plate
14		V53781	1861971	78-79/	1	Plate - Swivel
15		V43062		78-79/	4	Bolt
16		V43020	1861970	78-79/	1	Nut - Lock M16
17		V43019	1861969	78-79/	1	Nut - Hex Form MB - M16
18		V43018	1861968	78-79/	1	Plate - Thrust
19		V43017		78-79/	1	Bushing
20		V53816		78-79/	1	Plate - Upper
21		V43021		78-79/	6	Screw - Cap Hex M8 x 15
22		V43015		78-79/	24	Plug
23		V53811	1862002	78-79/	2	Trim - Metal
24		V43028		78-79/	1	Pin - Welded
25		V65476		78-79/	4	Bearing - Replaces 53806
26		V43008		78-79/	1	Pin
27		V43005	1861983	78-79/	2	Washer
28		V43006		78-79/	2	Washer - A13
29		V43007		78-79/	2	Washer
30		V53809		78-79/	2	Sleeve
31		V53802		78-79/	4	Roller
32	NS	V53818		78-79/	1	Arm - Scissor
33		V102050		78-79/	1	Arm - Scissor - Replaces 53817 & 53818
34		V53819		78-79/	1	Plate
35		V53808		78-79/	2	Spring
36		V53788		78-79/	2	Bracket - Release
37		V53807		78-79/	1	Bellows - Rubber
38		V43016	1861972	78-79/	6	Bushing

NS - Not Serviced

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FIGURE 13A8 - LOWER SEAT ADJUSTMENT 84



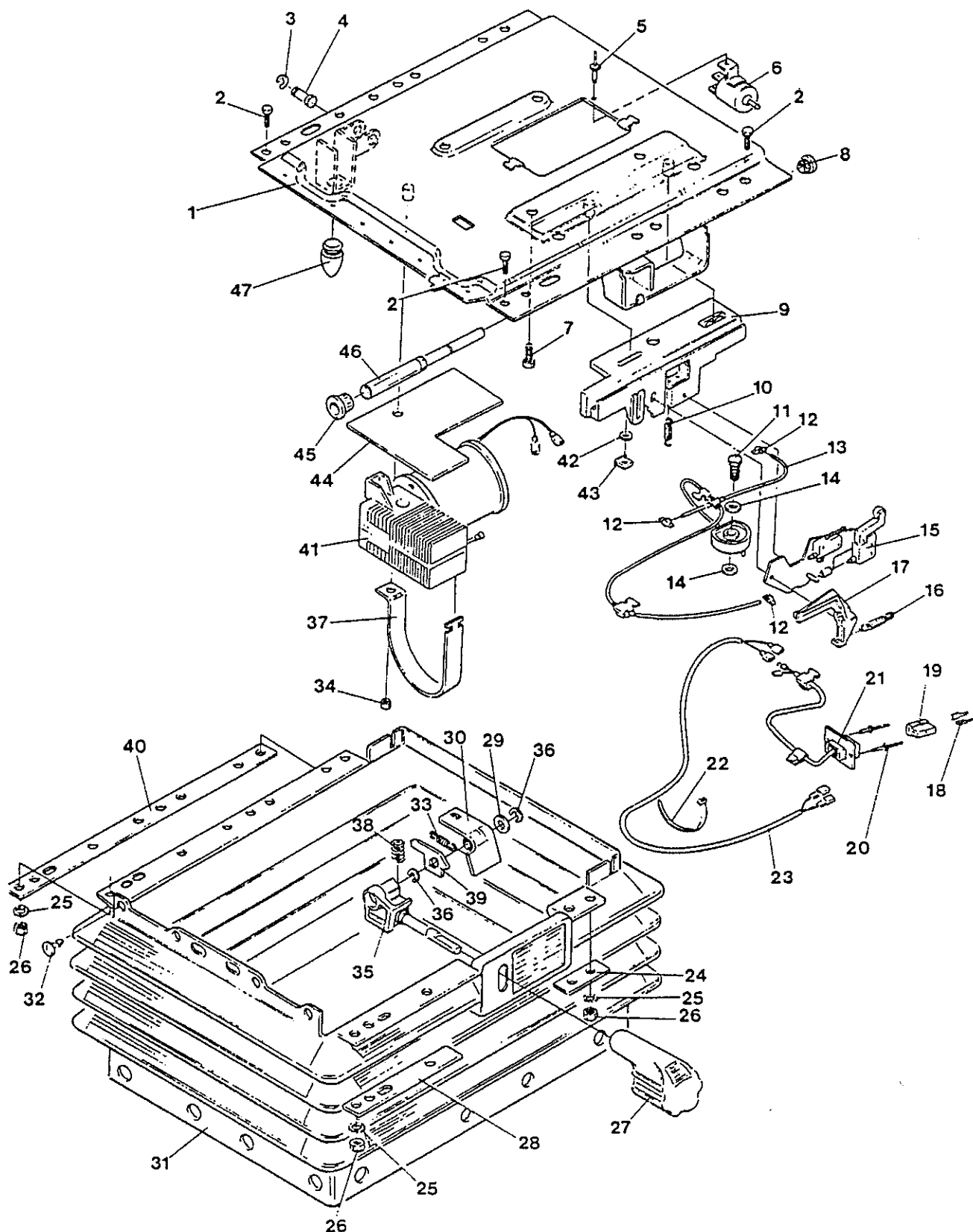
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FIGURE 13A8 - LOWER SEAT ADJUSTMENT 84
 UNTERER SITZ EINSTELLUNG
 RÉGLAGE SIÈGE INFÉRIEUR
 AJUSTE ASIENTO INFERIOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V72543		84/	1	Suspension Assembly - Upper Part
2		V43126	1861985	84/	4	Screw - Cap Hex M8 x 16
3		V43004	1861962	84/	1	Washer - Lock M5
4		V75274	1861959	84/	1	Bolt - Hex Head w/Groove
5		V92571		84/	1	Hose Assembly
6		V75289		84/	1	Bolt - Special Shouldered & Grooved
7		V75285		84/	4	Screw - Flange - Hex Serrated M8 x 16
8		V72545		84/	1	Bushing - Collar
9		V72546		84/	1	Slide Bar Assembly
10		V75286		84/	1	Spring - Coil
11		V72571		84/	1	Bushing - Collar
		V72550		84/	1	Valve Support Assembly Includes: 12, 13 & 15
12		V72548	1862004	84/	1	Clip - Hose M17
13		V72549	1862019	84/	1	Hose Assembly
14		V43041	1862006	84/	5	Washer - Plain M8
15		V72552		84/	1	Support - Valve
16		V75287	1861997	84/	1	Spring - Coil
17		V72553		84/	1	Latch Assembly
18		V72570	1862013	84/	1	Sleeve - Rubber
19		V92569		84/	1	Connector Assembly
20		V43499		84/	2	Rivet - Blind
21		V72556		84/	1	Cable Assembly
22		V72557	1862016	84/	3	Attachment - Cable
23		V72558		84/	1	Cable
24		V72559		84/	1	Plate - Trim
25		V75276	1861965	84/	4	Washer - Lock Serrated M8.2
26		V75277	1861973	84/	4	Nut - Hex M8
27		V72560		84/	1	Handle - Marked
28		V72561		84/	1	Plate - Trim
29		V72569	1862008	84/	4	Brake - Ratchet
30		V72562		84/	1	Bracket - Welded
31		V72563		84/	1	Bellows Assembly
32		V43015		84/	26	Plug
33		V75288		84/	1	Spring - Coil
34		V43058	1861999	84/	1	Nut - Lock Hex M8
35		V72564		84/	1	Bearing Block Assembly
36		V43085		84/	4	Washer - Lock M7
37		V72565		84/	1	Bracket
38		V72566		84/	1	Spring - Pressure
39		V72567		84/	1	Ratchet
40		V53811	1862002	84/	1	Plate - Trim
41		V72568		84/	1	Compressor

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FIGURE 13A9 - LOWER SEAT ADJUSTMENT 83



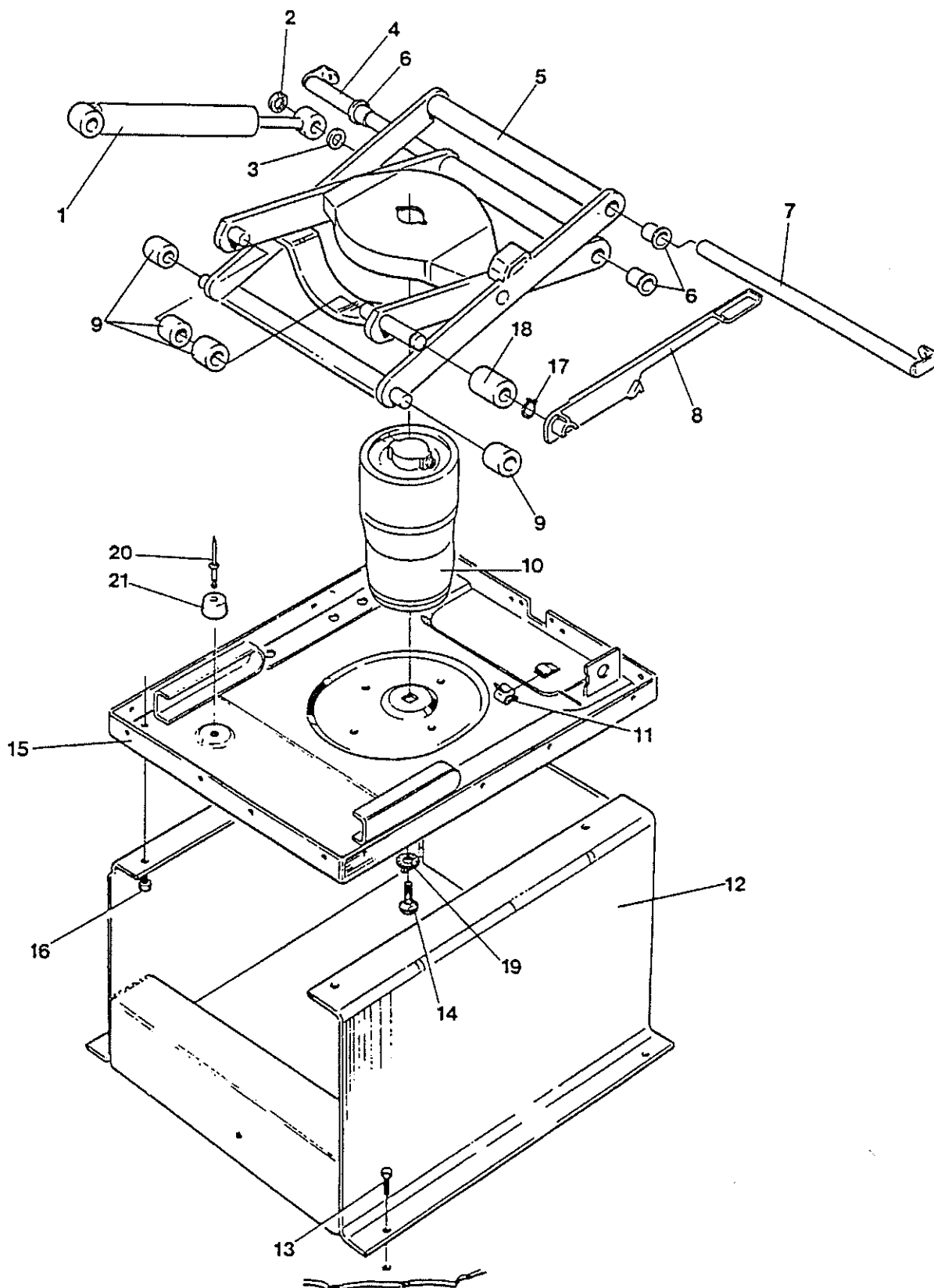
835 TRACTOR

FIGURE 13A9 - LOWER SEAT ADJUSTMENT 83
 UNTERER SITZ EINSTELLUNG
 RÉGLAGE SIÈGE INFÉRIEUR
 AJUSTE ASIENTO INFERIOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V72543		83/	1	Suspension Assembly - Upper Part
2		V43126	1861985	83/	4	Screw - Cap - Hex M8 x 16
3		V43004	1861962	83/	1	Washer - Lock M5
4		V75274	1861959	83/	1	Bolt - Hex Head w/Groove
5		V43511	3975727	83/	1	Rivet - Blind M4 x 7
6		V72544		83/	1	Switch - Push
7		V75285		83/	4	Screw - Flange - Hex Serrated M8 x 16
8		V72545		83/	1	Bushing - Collar
9		V72546		83/	1	Slide Bar Assembly
10		V75286		83/	1	Spring - Coil
11		V72547		83/	1	Bolt - Hollow
		V72550		83/	1	Valve Support Assembly Includes: 12, 13 & 15
12		V72548	1862004	83/	1	Clip - Hose M17
13		V72549	1862019	83/	1	Hose Assembly
14		V72551		83/	2	Washer - Seal
15		V72552		83/	1	Support - Valve
16		V75287	1861997	83/	1	Spring - Coil
17		V72553		83/	1	Latch Assembly
18		V72554		83/	2	Sleeve - Tab
19		V72555		83/	1	Connector - Edge
20		V43499		83/	2	Rivet - Blind
21		V72556		83/	1	Cable Assembly
22		V72557	1862016	83/	3	Attachment - Cable
23		V72558		83/	1	Cable
24		V72559		83/	1	Plate - Trim
25		V75276	1861965	83/	4	Washer - Lock Serrated M8.2
26		V75277	1861973	83/	4	Nut - Hex M8
27		V72560		83/	1	Handle - Marked
28		V72561		83/	1	Plate - Trim
29		V44404		83/	1	Washer - Plain M10.5
30		V72562		83/	1	Bracket - Welded
31		V72563		83/	1	Bellows Assembly
32		V43015		83/	26	Plug
33		V75288		83/	1	Spring - Coil
34		V43058	1861999	83/	1	Nut - Lock Hex M8
35		V72564		83/	1	Bearing Block Assembly
36		V43085	1861995	83/	4	Washer - Lock M7
37		V72565		83/	1	Bracket
38		V72566		83/	1	Spring - Pressure
39		V72567		83/	1	Ratchet
40		V53811		83/	1	Plate - Trim
41		V72565		83/	1	Compressor
42		V43041		83/	5	Washer - Plain M8
43		V72569	1862008	83/	1	Brake - Ratchet
44		V72570	1862013	83/	1	Sleeve - Rubber
45		V72571		83/	1	Bushing - Collar
46		V75289		83/	1	Bolt - Special Shouldered & Grooved
47		V53804		83/	1	Bumper

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FIGURE 13A10 - SEAT BASE ASSEMBLY 83-84



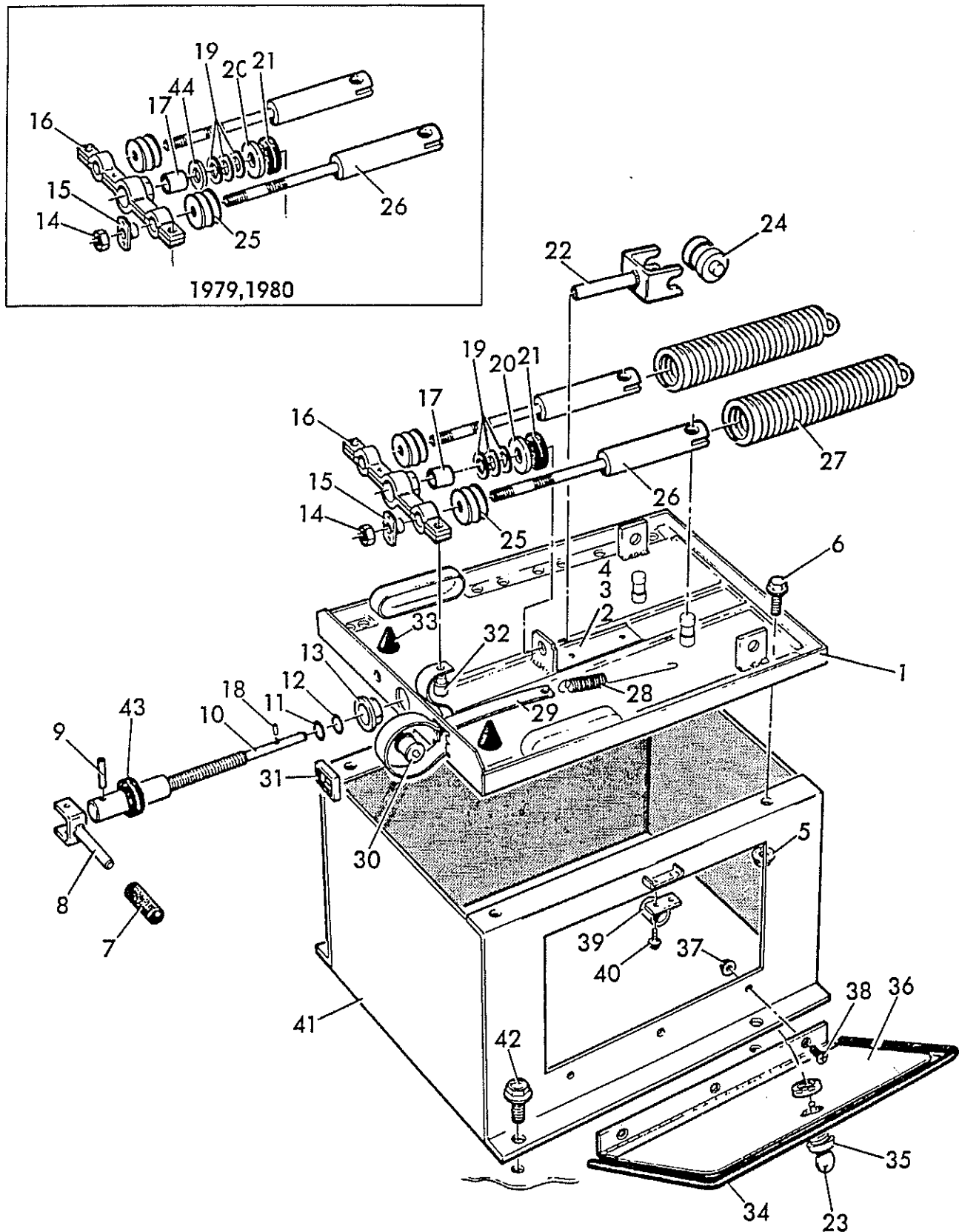
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FIGURE 13A10 - SEAT BASE ASSEMBLY 83-84
 KOMPL. SITZBASIS
 ENS. SUPPORT DE SIÈGE
 ENS. BASE DE ASIENTO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V72627		83-84/	1	Shock Absorber Assembly Includes: 2
2		V72606	1862024	83-84/	1	Retainer
3		V43041	1862006	83-84/	1	Washer - Plain M8
4		V43008		83-84/	1	Rod - Welded R.H.
5		V72629		83-84/	1	Swing Arm Assembly
6		V72628		83-84/	4	Bushing
7		V43028		83-84/	1	Rod - Welded
8		V72631		83-84/	1	Shifter - Control Slide
9		V53802		83-84/	4	Roller
10		V72632		83-84/	1	Spring - Air
11		V72633	1861991	83-84/	1	Attachment - Cable
12		V78706		84/	1	Base - Seat Welded Assembly
		V77190		83/	1	Base - Seat
13		V43936	3975777	84/	4	Screw - Flange - Hex Serrated 9.8 PLT M10 x 25
13		V29893	3975615	83/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 1 - Replaces 29893P
14		V43126	1861985	84/	1	Bolt - Hex M8 x 16
		V72634		83/	1	Bolt - Round Head Square Neck M8 - 20
15		V72635		83-84/	1	Plate - Suspension Lower
16		V29990	3975620	83-84/	4	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
17		V72636	1861989	83-84/	1	Ring - Locking
18		V72730	1861990	83-84/	1	Bumper
19		V75276	1861965	84/	1	Washer - Serrated A8.2
20		V43511	3975727	84/	1	Rivet - Blind
21		V72584	1861974	84/	1	Bumper

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FIGURE 13A11 - SEAT - LOWER ADJUSTMENT W/BASE 79-83



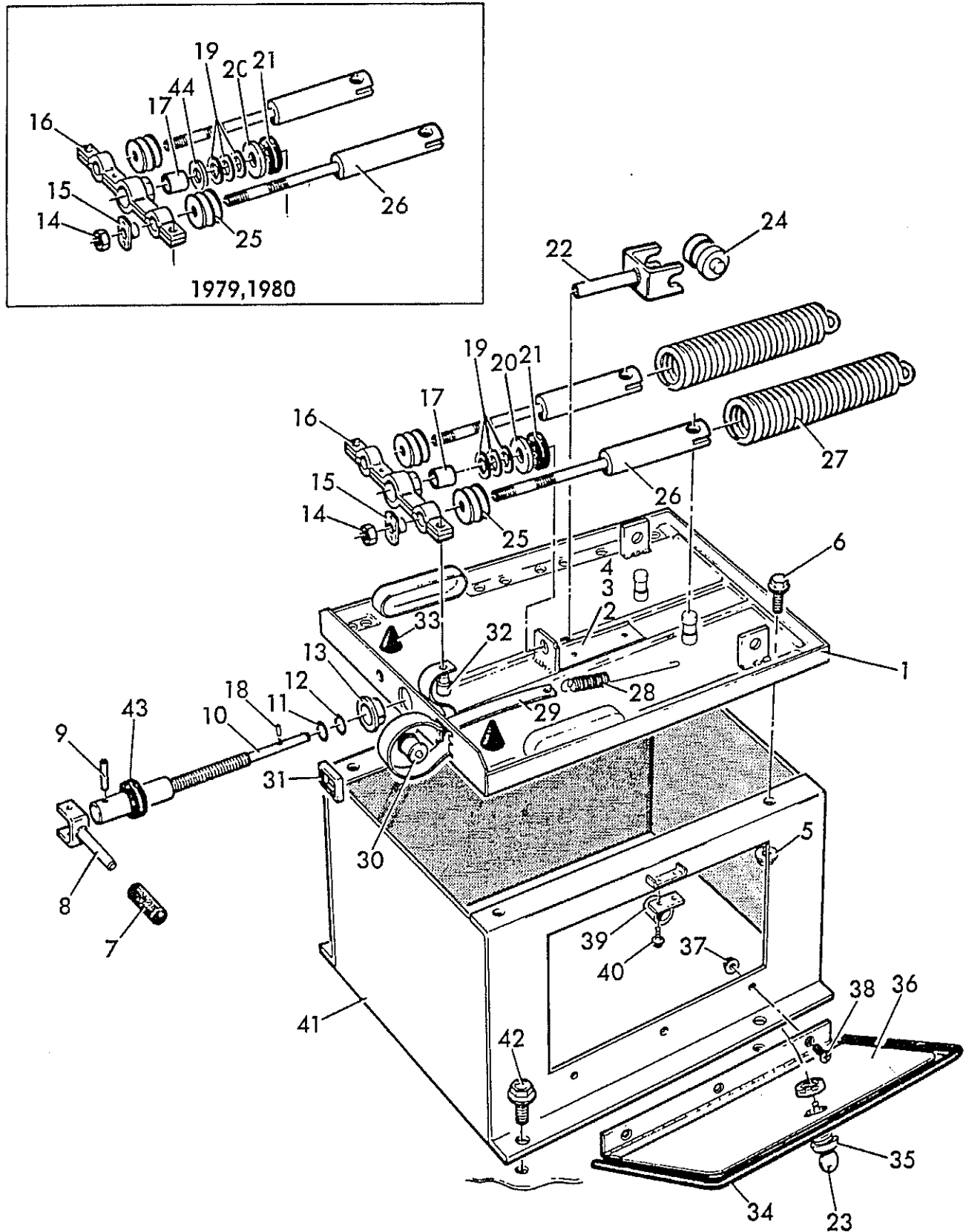
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FIGURE 13A11 - SEAT - LOWER ADJUSTMENT W/BASE 79-83
 SITZ - UNTERE EINSTELLUNG MIT BASIS
 SIÈGE - RÉGLAGE INFÉRIEUR AVEC SUPPORT
 ASIENTO - AJUSTE INFERIOR CON BASE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V55440		79-83/	1	Plate Assembly - Lower Includes: 2-4
2		V53813		79-83/	1	Plate - Rubber
3		V53812		79-83/	1	U-Track
4		V43000		79-83/	2	Rivet - Metal
5		V29991	3975622	79-83/	4	Nut - Flange - Hex Serrated 5/16" - 18 UNC - Replaces 29991P
6		V29990		79-83/	4	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
		V55438		79-83/	1	Spindle - Adjustment Includes: 7-13, 43 & 44
7		V53792		79-83/	1	Knob
8		V53791		79-83/	1	Toggle
9		V43022		79-83/	1	Pin - Lock
10		V43023		79-83/	1	Rod - Threaded
11		V43025		79-83/	1	Washer - Rubber Black
12		V43024		79-83/	1	Washer - Rubber Red
13		V43026		79-83/	1	Bushing
14		V43362	3975702	79-83/	2	Nut - Hex M8 - Replaces 43003
15		V43002		79-83/	2	Nut - Weld - 8
16		V55447		79-83/	1	Yoke
17		V60929		81-83/	1	Tubing - 1
		V43061		79-80/	1	Tubing - 1
18		V43071		79-83/	1	Pin - Lock Grooved 3 x 16
19		V60930		81-83/	1	Bearing - Thrust
		V43010		79-80/	1	Bearing - Thrust
20		V43011		79-83/	1	Washer - 8
21		V43027		79-83/	1	Washer - Rubber
22		V53787		79-83/	1	Fork
23		V51006		79-83/	1	Key - Compartment Lock
24		V53789		79-83/	1	Bearing - Triple
25		V43001		79-83/	2	Rod - Threaded
26		V53799		79-83/	2	Absorber - Shock
27		V53815		79-83/	2	Spring - Coil
28		V53805		79-83/	1	Spring

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FIGURE 13A11 - SEAT - LOWER ADJUSTMENT W/BASE 79-83



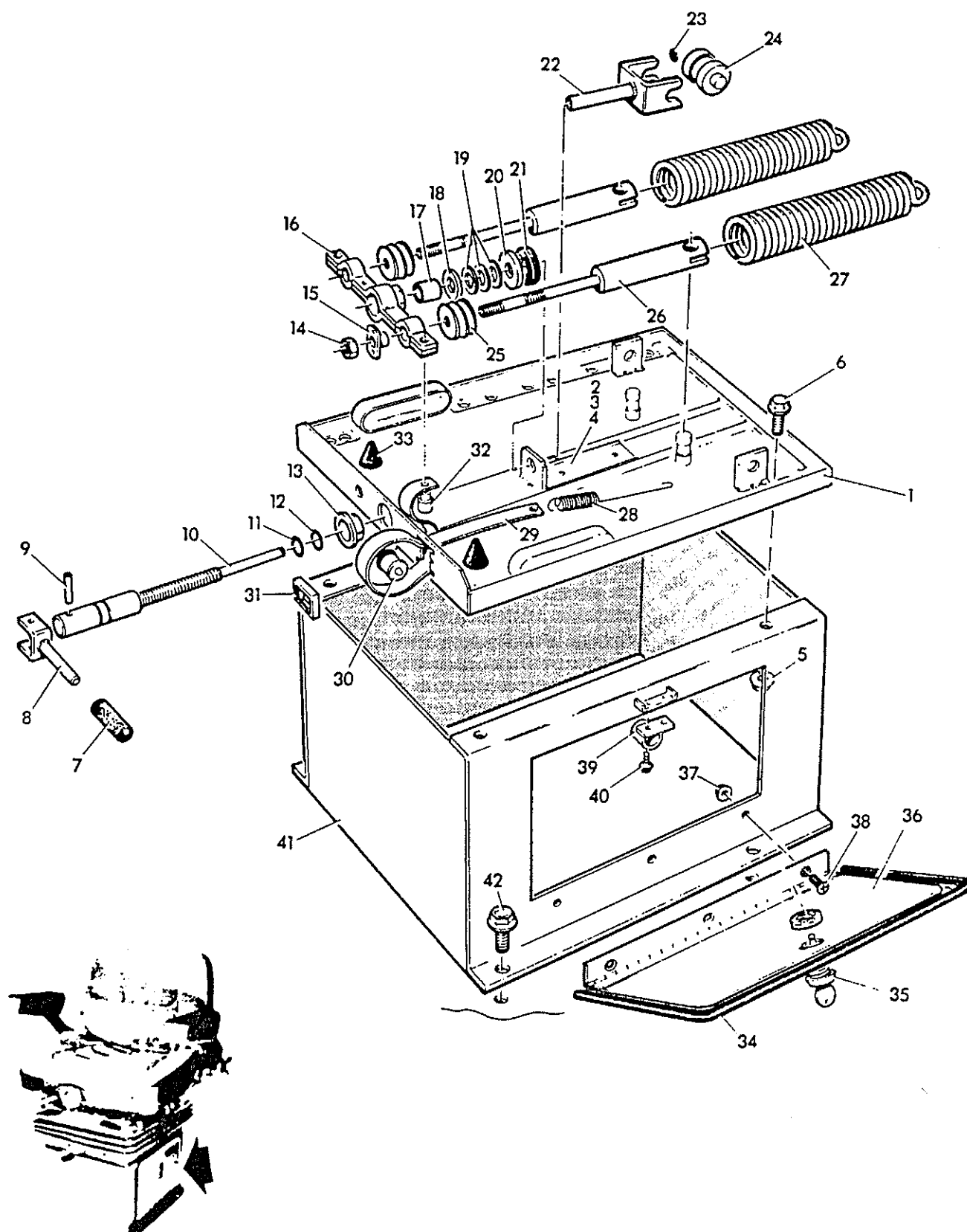
835 TRACTOR

FIGURE 13A11 - SEAT - LOWER ADJUSTMENT W/BASE 79-83
 SITZ - UNTERE EINSTELLUNG MIT BASIS
 SIÈGE - RÉGLAGE INFÉRIEUR AVEC SUPPORT
 ASIENTO - AJUSTE INFERIOR CON BASE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
29		V53810		79-83/	1	Ribbon - Indicator
30		V53790		79-83/	1	Roller
31		V53803		79-83/	1	Guide - Ribbon Indicator
32		V43009		79-83/	1	Plug - Plastic
33		V53804		79-83/	2	Bumper - Rubber
34		V49119		79-83/	1	Trim - Seat - Replaces TR-49119
35		V49021		79-83/	1	Catch - Lock
36		V48987		79-83/	1	Door - Replaces TRA-48987
37		V29939	3975617	79-83/	3	Nut - Flange - Hex Serrated 10 - 24 UNC - Replaces 29939P
38		V49121		79-83/	3	Screw - Countersunk 10 - 24 UNC x 1/2"
39		V49022		79-83/	1	Striker - Compartment Lock
40				79-83/	2	Screw - Self-Locking #6 x 1/2"
41		V48992		79-83/	1	Base - Seat - Replaces TRA-48992
42		V29893	3975615	79-83/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 1" - Replaces 29893P
43		V55439		79-83/	1	Sleeve - Rubber
		V65473		79-83/	1	Kit - Lower Adjustment - Replaces 57054
		V65474		79-83/	1	Kit - Upper Adjustment
44		V43034		79-83/	1	Washer - A8.4

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FIGURE 13A12 - SEAT - LOWER ADJUSTMENT W/BASE (EARLY) 78-79



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FIGURE 13A12 - SEAT, LOWER ADJUSTMENT W/BASE (EARLY) 78-79
 SITZ - UNTERE EINSTELLUNG MIT BASIS (FRÜH)
 SIÈGE - RÉGLAGE INFÉRIEUR AVEC SUPPORT (EN AVANCE)
 ASIENTO - AJUSTE INFERIOR CON BASE (TEMPRANO)

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V53755		78-79/	1	Plate Assembly - Lower Includes: 2-4
2		V53813		78-79/	1	Plate - Rubber
3		V53812		78-79/	1	U-Track
4		V43000		78-79/	2	Screw - 4 x 10
5		V29991	3975622	78-79/	4	Nut - Serrated 5/16" - 18 NC
6		V29990	3975620	78-79/	4	Bolt - Serrated 5/16" - 18 NC x 3/4" Long
7		V53792		78-79/	1	Knob
8		V53791		78-79/	1	Toggie
9		V43022		78-79/	1	Pan - Lock
10		V43023		78-79/	1	Pin - Threaded
11		V43025		78-79/	1	Washer - Rubber Black
12		V43024		78-79/	1	Washer - Rubber Red
13		V43026		78-79/	1	Bushing
14		V43362	3975702	78-79/	2	Nut - Hex M8 - Replaces 43003
15		V43002		78-79/	2	Nut - Spacer M8
16		V53800		78-79/	1	Block - Spring
17		V43061		78-79/	1	Spacer
18		V43034		78-79/	1	Washer - A8.4
19		V43010		78-79/	3	Bearing - Thrust
20		V43011		78-79/	1	Washer - 8
21		V43027		78-79/	1	Washer - Rubber
22		V53787		78-79/	1	Fork
23		V43004	1861962	78-79/	1	Washer
24		V53789		78-79/	1	Bearing - Triple
25		V43001		78-79/	2	Pin - Threaded
26		V53799		78-79/	2	Absorber - Shock
27		V53815		78-79/	2	Spring
28		V53805		78-79/	1	Spring
29		V53810		78-79/	1	Ribbon - Indicator
30		V53790		78-79/	1	Roller
31		V53803		78-79/	1	Guide - Upper
32		V43009		78-79/	1	Plug - Plastic
33		V53804		78-79/	2	Bumper - Rubber
34		V49119		78-79/	1	Trim - Seat - Replaces TR-49119
35		V49021		78-79/	1	Catch - Lock
36		V48987		78-79/	1	Door - Replaces TRA-48987
37		V29939	3975617	78-79/	3	Nut - Serrated 10 - 24 NC
38		V49121		78-79/	3	Screw - Countersunk 10 - 24 NC x 1/2" Long
39		V49022		78-79/	1	Striker
40		V49122		78-79/	2	Screw - Self-Locking
41		V48992		78-79/	1	Base - Seat - Replaces TRA-48992
42		V29893	3975615	78-79/	4	Bolt - Serrated 3/8" NC x 1.0 Long

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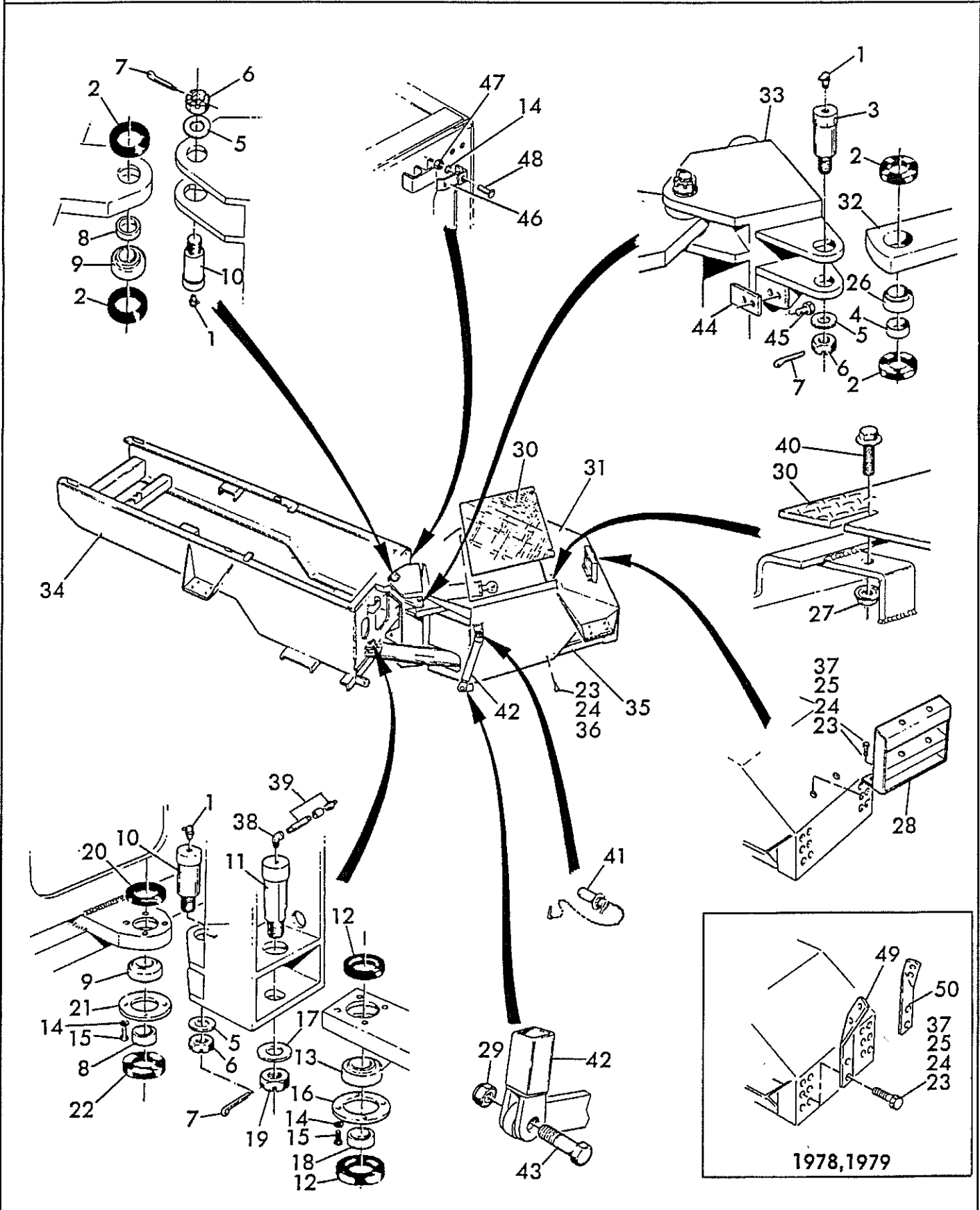
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SECTION 14 - SHEET METAL & GRILLE
 SEKTION 14 - BLECH UND GRILL
 SECTION 14 - TLE ET CALANDRE
 SECCION 14 - HOJA METLICA Y ENREJADO

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
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14B1	Hoods Haube Capot Capó	14-7	
14C1	Grill and Fan Guard Assembly Kompl. Grill und Lüfterschutzschild Ens. Calandre et Protecteur de Ventilateur Ens. Enrejado y Guarda de Ventilador	14-9	
14D1	Fenders Kotflügel Aile Guardabarros	14-11	
14E1	Drawbar Zugstange Barre de Traction Barra de Tiro	14-13	

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FIGURE 14A1 - FRONT AND REAR FRAMES



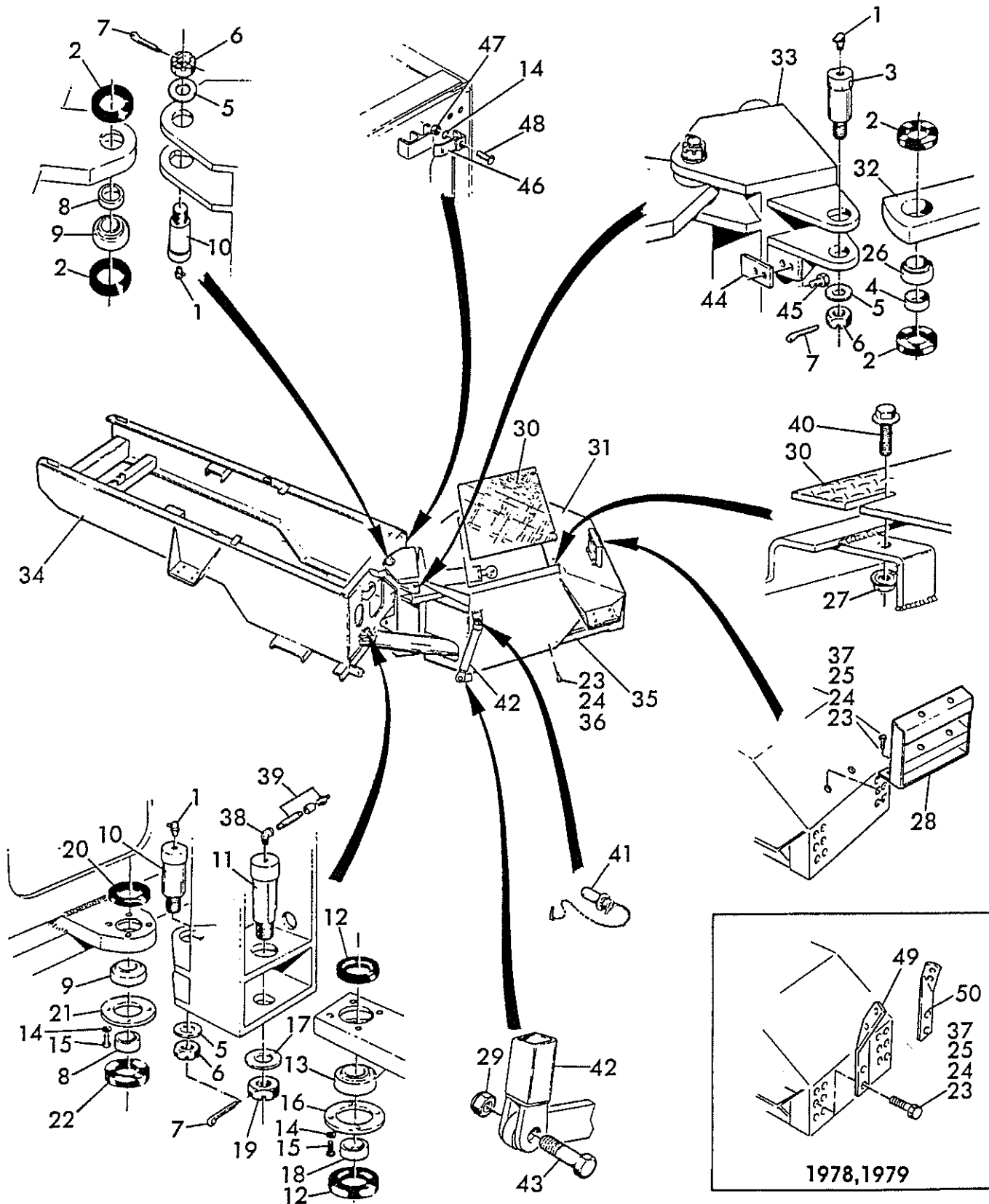
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FIGURE 14A1 - FRONT AND REAR FRAMES
 VORN UND HINTERE RAHMEN
 CHÂSSIS DE AVANT ET ARRIÈRE
 MARCO DE DELANTERO Y TRASERO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V12132	1862070	78-84/	6	Fitting - Grease 1/8" 90°
2		V15193		78-84/	10	Seal - Replaces TR-15193
3		V14512		78-84/	4	Pin - Drag Link - Replaces TR-14512
4		V14522		78-84/	4	Spacer - Replaces TR-14522
5		V13569		78-84/	10	Washer - Plain 1-3/8" ID
6		V100T217		78-84/	6	Nut - Hex Slotted 1-1/4" - 12 UNF
7		V12115	1859715	78-84/	7	Pin - Cotter 3/16" x 2"
8		V14346		78-84/	2	Spacer - Replaces TR-14346
9		V901T103		78-84/	2	Bearing - Pivot Pin
10		V14344		78-84/	2	Pin - Pivot - Replaces TR-14344
11		V14347		78-84/	1	Pin - Oscillation - Replaces TR-14347
12		V15194		78-84/	2	Seal - Replaces TR-15194
13		V14351		78-84/	1	Bearing - Oscillation Point
14		V12011	3975908	78-84/	9	Washer - Lock Helical Spring 3/8" ID
15		V12038	1861603	78-84/	8	Screw - Cap - Hex 3/8" - 16 UNC x 1-1/4"
16		V14352		78-84/	1	Plate - Retainer Bearing - Replaces TR-14352
17		V14854		78-84/	1	Washer - Plain 1-33/64" ID x 3" OD x 1/4"
18		V14350		78-84/	1	Spacer - Replaces TR-14350
19		V84698		78-84/	1	Nut - Hex Slotted 1-1/2" - 12 UNF - Replaces 14348
20		V201T113		78-84/	1	Seal
21		V100T111		78-84/	1	Plate - Retainer Bearing
22		V100T172		78-84/	1	Seal
23		V12066		78-84/	10	Nut - Hex 3/4" - 10 UNC
24		V12009	3975907	78-84/	10	Washer - Lock Helical Spring 3/4" ID
25		V12070		78-84/	2	Screw - Cap - Hex 3/4" - 10 UNC x 2-1/2"
26		V14513	1862073	78-84/	4	Bushing - Ball
27		V29803	3975610	78-84/	2	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
28		V58095		81-84/	1	Bracket - Standard Lever Coupler - Replaces TRA-58095
		V56121		80/	1	Bracket - Quick Coupler
29		V710T136		80-84/	1	Nut - Lock 1 - 8 UNC - Replaces 710T136P
30		V30166		78-84/	1	Plate - Cover - Replaces TRA-30166
31		V18110		78-84/	1	Frame - Rear - Replaces TRA-18110
32		V14511		78-84/	2	Link - Drag - Replaces TRA-14511
33		V14333		78-84/	1	Frame - Swing - Replaces TRA-14333
34		V55919		81-84/	1	Frame - Front - Replaces TRA-55919
		V55920		80/	1	Frame - Front
		V48334		78-79/	1	Frame - Front
35		V14458		78-84/	2	Angle - Cutout - Replaces TR-14458
36		V12010		78-84/	8	Screw - Cap - Hex 3/4" - 10 UNC x 2-1/4"
37		V17473		78-84/	2	Washer - Plain 25/32" ID
38		V291117V1		78-84/	1	Elbow - Street 1/8" x 90° NPT - Replaces CO-8070
39		V26362		78-84/	1	Pipe - Grease - Replaces TRA-26362
40		V29802	1860122	78-84/	2	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 1-1/4" - Replaces 29802P

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FIGURE 14A1 - FRONT AND REAR FRAMES



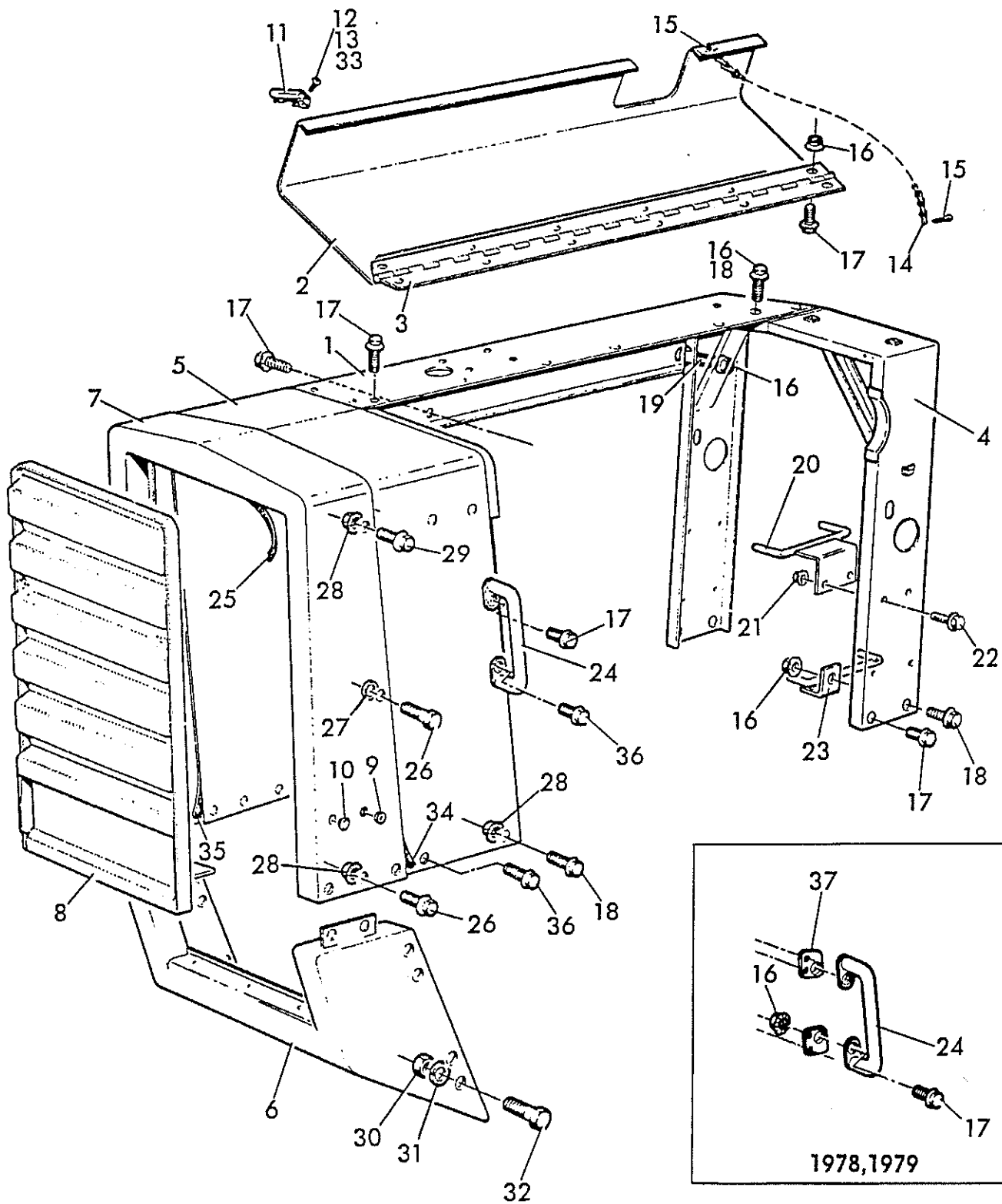
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FIGURE 14A1 - FRONT AND REAR FRAMES
 VORN UND HINTERE RAHMEN
 CHÂSSIS DE AVANT ET ARRIÈRE
 MARCO DE DELANTERO Y TRASERO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
41		V55904		80-84/	1	Pin - Replaces TRA-55904
42		V55907		80-84/	1	Bar - Articulation Lock - Replaces TRA-55907
43		V50200		80-84/	1	Screw - Cap - Hex 1 - 8 UNC x 3-1/4"
44		V31420		81-84/	2	Plate - Hinge Limit Option used only on Row Crop Wheels - Replaces TR-31420
45		V29892		81-84/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Option used only on Row Crop Wheels - Replaces 29892P
46		V63151	3975909	81-84/	1	Holder - Hydraulic Tube - Replaces TR-63151
47		V12037		81-84/	1	Nut - Hex 3/8" - 16 UNC - Replaces 12037P
48		V12338		81-84/	1	Bolt - Round Head Square Neck 3/8" - 16 UNC x 1" - Replaces 12338P
49		V15719		78-79/	1	Bracket - Coupler R.H.
50		V15628		78-79/	1	Bracket - Coupler L.H.

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FIGURE 14B1 - HOODS



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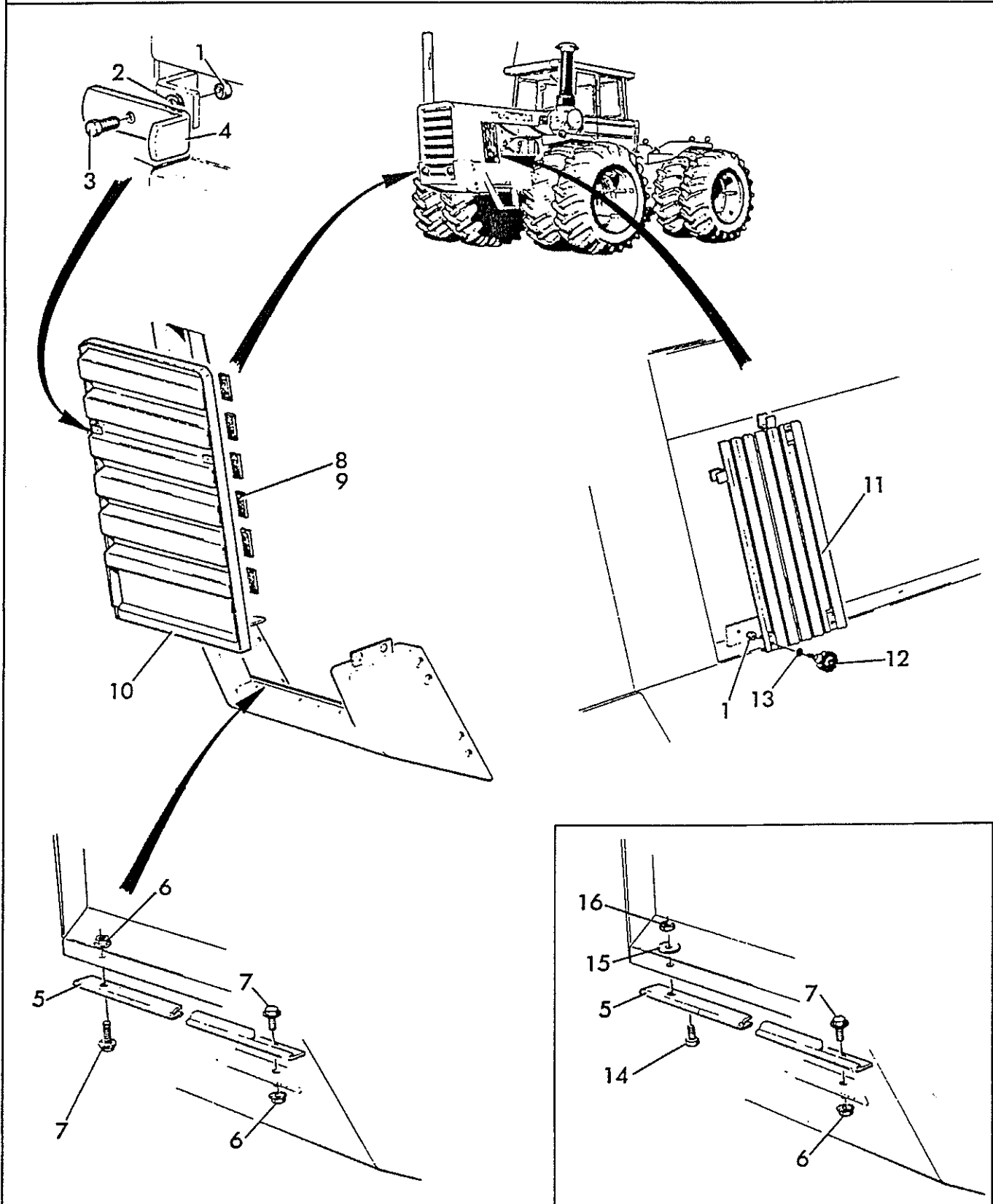
FIGURE 14B1 - HOODS
HAUBE
CAPOT
CAPO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V55891		81-84/	1	Hood - Centre R.H. - Replaces TRA-55891
		V29688		78-80/	1	Hood - Centre R.H.
2		V49372		78-84/	1	Hood - Centre L.H. - Replaces TRA-49372
3		V29352		78-84/	1	Hinge - Centre Hood - Replaces TR-29352
4		V30006		78-84/	1	Support - Hood Rear - Replaces TRA-30006
5		V57171		80-84/	1	Hood - Front - Replaces TRA-57171
		V30009		78-79/	1	Hood - Front
6		V48797		78-84/	1	Plate - Front - Replaces TRA-48797
7		V30048		78-84/	1	Channel - Replaces TRA-30048
8				78-84/	AR	Grill Assembly - See Grill & Fan Guard - This Section Page 6
9		V48829		78-84/	2	Grommet
10		V58291		81-84/	2	Plug
		V33700		78-80/	2	Plug
11		V29794		78-84/	2	Latch - Basic Over Center
12		V12958	3975903	78-84/	4	Nut - Hex #10 - 24 NC - Replaces 12958P
13		V14615	3975975	78-84/	4	Bolt - Round Head #10 - 24 UNC x 1/2" - Replaces 14615P
14		V29949		78-84/	1	Chain - #80 - 28" - Replaces TR-29949
15		V12822		78-84/	2	Pin - Cotter 3/16" x 3/4"
16		V29803	3975610	78-84/	21	Nut - Hex Serrated 3/8" - 16 NC - Replaces 29803P
17		V29892	3975613	78-84/	21	Bolt - Serrated 3/8" - 16 NC x 3/4" - Replaces 29892P
18		V29893	3975615	78-84/	7	Bolt - Serrated 3/8" - 16 NC x 1" - Replaces 29893P
19		V29895		78-84/	1	Bolt - Serrated 3/8" - 16 NC x 1-3/4" - Replaces 29895P
20		V48422		78-84/	1	Bracket - Hydraulic Hose - Replaces TRA-48422
21		V29940	3975619	78-84/	2	Nut - Hex Serrated 1/4" - 20 UNC
22		V29804	3975611	78-84/	2	Bolt - Hex Serrated 1/4" - 20 UNC x 3/4"
23		V48425		78-84/	1	Holder - Hydraulic Hose - Replaces TRA-48425
24		V9701667		78-84/	1	Grip - Hand - Replaces TRA-29896
25		V8854003		78-84/	1	Seal - Grill - Replaces TR-29967
26		V29894		78-84/	8	Bolt - 3/8" - 16 NC x 1" - Replaces 29894P
27		V30901		78-84/	6	Spacer - Replaces TR-30901
28		V12131	3975929	78-84/	8	Nut - Hex 3/8" - 16 NC Nylon - Replaces 12131P
29		V36338		78-84/	2	Bolt - Serrated 3/8" - 16 NC x 1-1/4" - Replaces 36338P
30		V12066		78-84/	12	Nut - Hex 3/4" - 10 NC - Replaces 12066P
31		V12009	3975907	78-84/	12	Washer - Lock - Replaces 12009P
32		V12042		78-84/	8	Screw - Cap - Hex 3/4" - 10 UNC x 1-1/2"
33		V12371	3975939	78-84/	2	Washer - Lock - Replaces 12371P
34		V29953		78-84/	1	Seal - L.H. - Replaces TR-29953
35		V29954		78-84/	1	Seal - R.H. - Replaces TR-29954
36		V50215	1861429	82-84/	1	Screw - Flange 3/8" - 16 UNC x 50
37		V36376		78-79/	2	Plate - Hand Grip Mounting

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FIGURE 14C1 - GRILL AND FAN GUARD ASSEMBLY



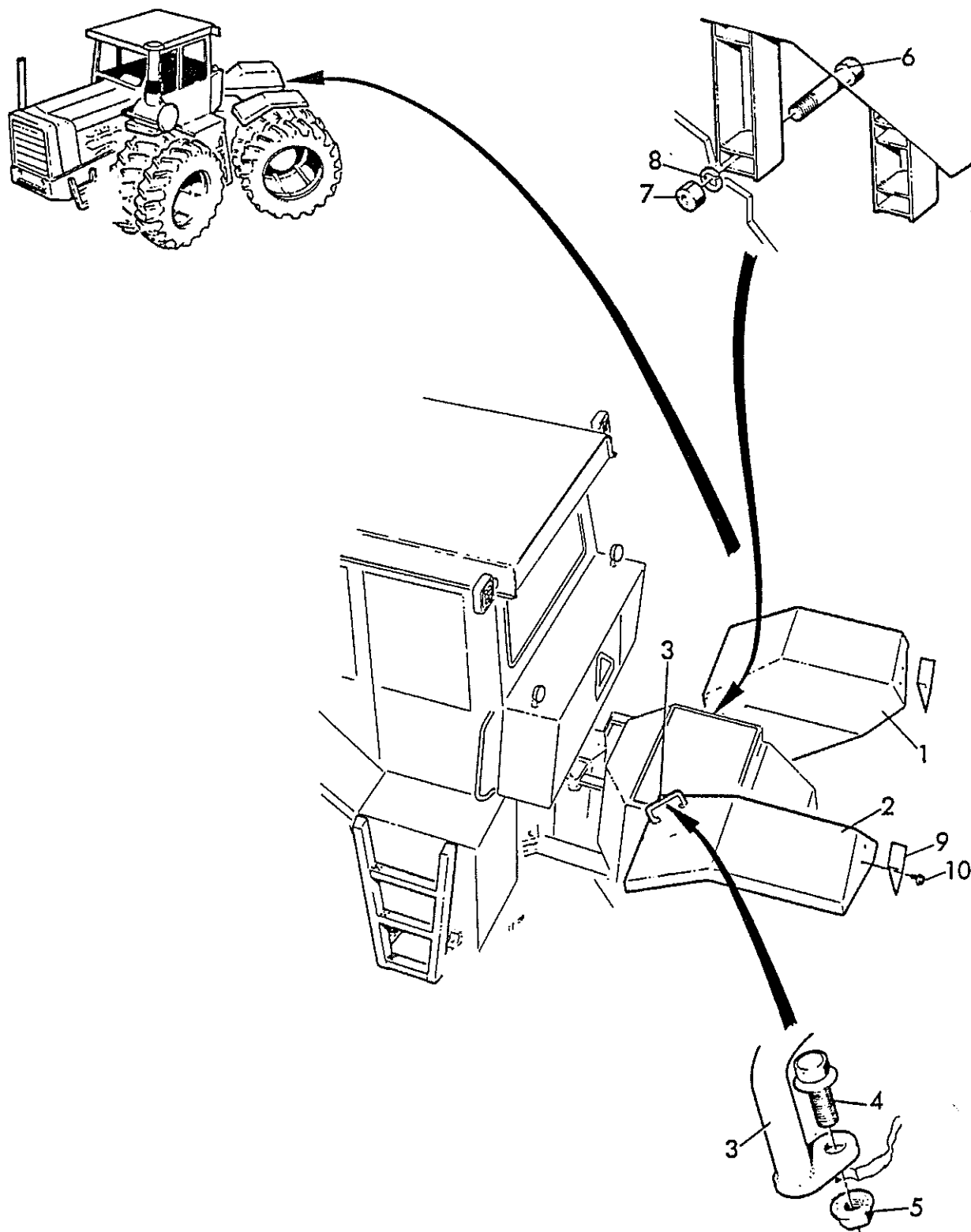
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FIGURE 14C1 - GRILL AND FAN GUARD ASSEMBLY
 KOMPL. GRILL UND LÜFTERSCHUTZSCHILD
 ENS. CALANDRE ET PROTECTEUR DE VENTILATEUR
 ENS. ENREJADO Y GUARDA DE VENTILADOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V12108	3975927	78-84/	6	Nut - Lock Nylon Insert 1/4" - 20 UNC
2		V31883		78-84/	4	Spring - Disc
3		V14577	1860529	78-84/	2	Screw - Cap - Hex Grade 5 1/4" - 20 UNC x 7/8" - Replaces 14577P
4		V48794		78-84/	2	Latch - Grill
5		V48790		78-84/	1	Hinge - Grill Mounting
6		V29991	3975622	78-84/	6	Nut - Flange - Hex Serrated 5/16" - 18 UNC
7		V36444		78-84/	6	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 36444P
8		V48787		78-84/	6	Seal - Grill L.H.
9		V48786		78-84/	6	Seal - Grill R.H.
10		V48800		78-84/	1	Grill - Spotwelded
11		V57167		78-84/	1	Guard - L.H.
		V36375		78-84/	1	Guard - R.H.
12		V30990		78-84/	4	Knob
13		V84507	3977387	78-84/	4	Washer - Lock External Tooth 1/4" ID - Replaces 20301
14		V12098	3975924	78-83/	3	Screw - Cap - Hex 5/16" - 18 UNC x 3/4" - Replaces 12098P
15		V18601	3975999	78-83/	3	Washer - Plain 5/16" ID
16		V12344	1861714	78-83/	3	Nut - Hex Lock 5/16" - 18 UNC

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FIGURE 14D1 - FENDERS



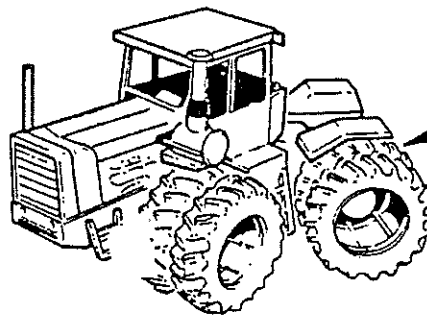
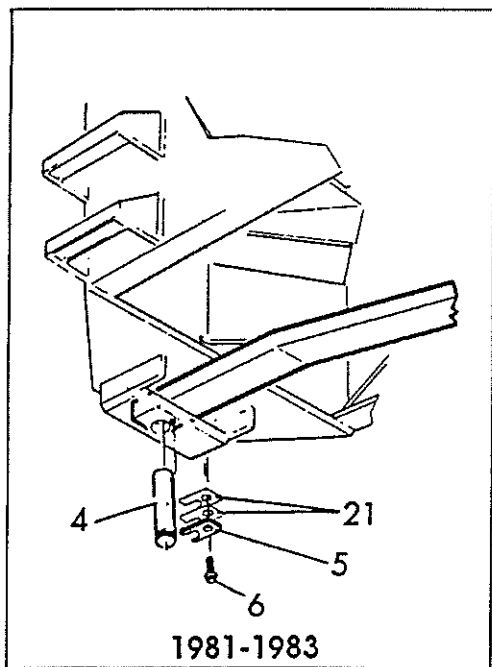
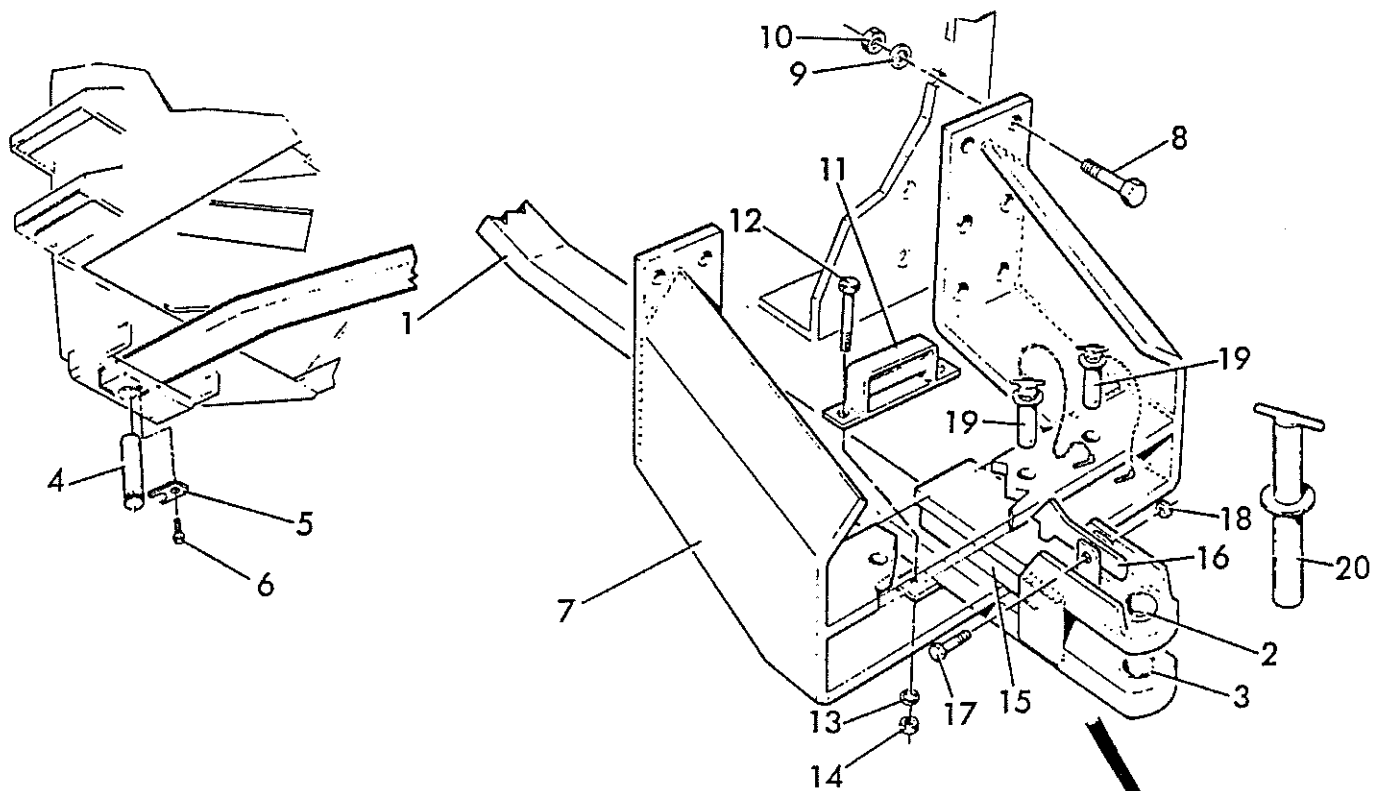
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FIGURE 14D1 - FENDERS
KOTFLÜGEL
AILE
GUARDABARROS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30561		78-84/	1	Fender - R.H. Rear
2		V30562		78-84/	1	Fender - L.H. Rear
3		V9701667		78-84/	1	Grip - Hand - Replaces 29896
4		V29892	3975613	78-84/	10	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
5		V29803	3975610	78-84/	2	Nut - Flange - Hex 3/8" - 16 UNC - Replaces 29803P
6		V12587		78-84/	8	Screw - Cap - Hex 3/4" - 10 UNC x 3-3/4"
7		V12066		78-84/	8	Nut - Hex 3/4" - 10 UNC - Replaces 12066P
8		V12009	3975907	78-84/	8	Washer - Lock Helical Spring 3/4" ID - Replaces 12009P
9		V48817		78-84/	2	Bracket - Light
10		V29990	3975620	78-84/	4	Screw - Flange Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P

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FIGURE 14E1 - DRAWBAR



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FIGURE 14E1 - DRAWBAR
ZUGSTANGE
BARRE DE TRACTION
BARRA DE TIRO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V14407		78-84/	1	Drawbar
2		V60955		81-84/	1	Bushing - Top Plate
3		V8548	1862574	81-84/	1	Bushing - Drawbar
4		V36232		78-84/	1	Pin - Drawbar Pivot
5		V36231		78-84/	1	Bracket - Retaining
6		V30944	1860314	78-84/	1	Screw - Flange - Hex Serrated 1/2" - 13 UNC x 1"
7		V14415	1862572	78-84/	1	Cage - Drawbar Option
8		V12070		78-84/	12	Screw - Cap - Hex 3/4" - 10 UNC x 2-1/2"
9		V12009	3975907	78-84/	12	Washer - Lock Helical Spring 3/4" ID
10		V12066		78-84/	12	Nut - Hex 3/4" - 10 UNC
11		V14412		78-84/	1	Bracket - Hanger
12		V16445		78-84/	2	Screw - Cap - Hex Grade 5 5/8" - 11 UNC x 3-3/4"
13		V12110		78-84/	2	Washer - Lock Helical Spring 5/8" ID
14		V12112	1861590	78-84/	2	Nut - 5/8" - 11 UNC
15		V63163		78-84/	1	Wearblock - Replaces 203T109A
16		V26147	1862571	78-84/	1	Handle - Lock
17		V12057	3975914	78-84/	1	Screw - Cap - Hex Grade 5 3/8" - 16 UNC x 1-1/2"
18		V12131	3975929	78-84/	1	Nut - Lock Nylon Insert 3/8" - 16 UNC
19		V27177	1859640	78-84/	2	Pin
20		V106633	1862560	78-84/	1	Pin - Hitch - Replaces 203T113V11
		V35919		78-84/	1	Pin - Hitch - For Use w/Quick Attaching Coupler Only
21		V614T150		81-83/	AR	Shim - Axle Mounting 26 GA
22		V48817		78-84/	2	Bracket - Light
23		V29990	3975620	78-84/	4	Screw - Flange - Hex Serrated 5/16" - 18 UNC x 3/4" - Replaces 29990P
		V57942		83-84/	AR	Kit - Repair Drawbar Bushing Includes: 2 & 3

AR - As Required

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SECTION 15 - CAB & ROLLBAR
SEKTION 15 - KABINE UND ÜBERROLLBÜGEL
SECTION 15 - CABINE ET ARCEAU DE SRETÉ
SECCION 15 - CABINA Y BARRA DE SEGURIDAD

Figure No. Darstellung Nr. Figure No. Figura No.	Description Beschreibung Description Descripción	Page Seite Page Página	Image Location Bildanbringung Emplacement Image Ubicación de la Imagen
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15A3	Insulation and Floor Mats Isolierung und Bodenmatten Isolement et Tapis Aislamiento y Alfombrillas	15-7	
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15A6	Roof Structure 80-84 Dach Struktur Structure de Toit Estructura de Techo	15-15, 15-17	
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15A8	Ladders Leiten Échelles Escaleras	15-23	

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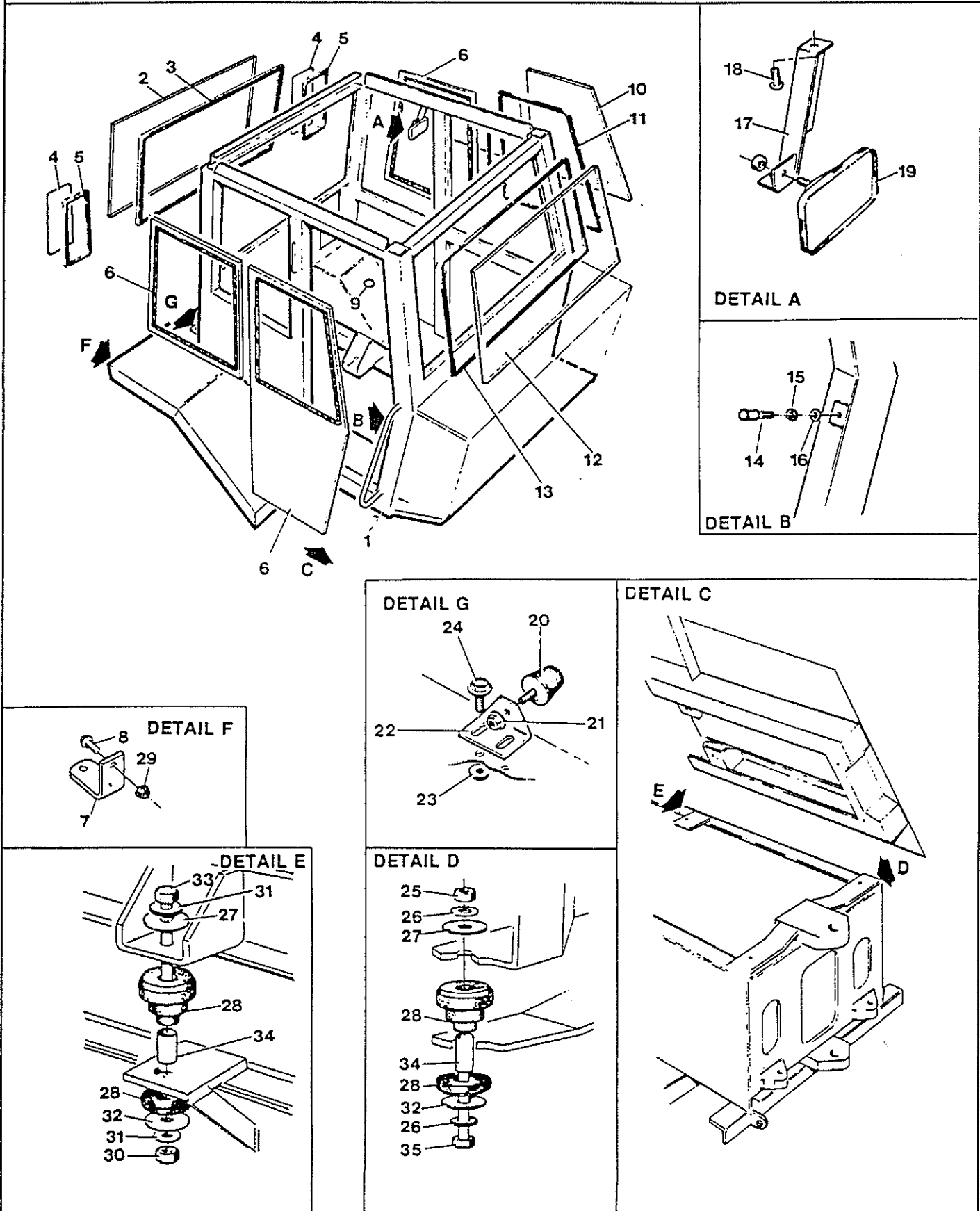
SECTION 15 - CAB & ROLLBAR
 SEKTION 15 - KABINE UND ÜBERROLLBÜGEL
 SECTION 15 - CABINE ET ARCEAU DE SRETÉ
 SECCION 15 - CABINA Y BARRA DE SEGURIDAD

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15B1	Blower Panel Gebläse Füllung Tableau Ventilateur Tablero Soplador	15-25,15-27	
15B2	Air Conditioner Piping 83-84 Klimaanlage Rohrleitungen Tuyauterie de Conditionnement D'Air Tuberia de Acondicionador de Aire	15-29,15-31	
15B3	Air Conditioner Piping 81-83 Klimaanlage Rohrleitungen Tuyauterie de Conditionnement D'Air Tuberia de Acondicionador de Aire	15-33,15-35	
15B4	Air Conditioner Piping 78-80 Klimaanlage Rohrleitungen Tuyauterie de Conditionnement D'Air Tuberia de Acondicionador de Aire	15-37,15-39	
15B5	Compressor 83-84 Kompressor Compresseur Compresor	15-41	
15B6	Compressor 81-83 Kompressor Compresseur Compresor	15-43	
15C1	Antenna Antenne Antenne Antena	15-45	
15D1	Windshield Wipers Scheibenwischer Essuie-Glace Limpiavidrios	15-47	

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835 TRACTOR

FIGURE 15A1 - CAB AND MOUNTING 83-84



835 TRACTOR

FIGURE 15A1 - CAB AND MOUNTING 83-84
KABINE UND MONTAGE
CABINE ET MONTAGE
CABINA Y MONTAJE

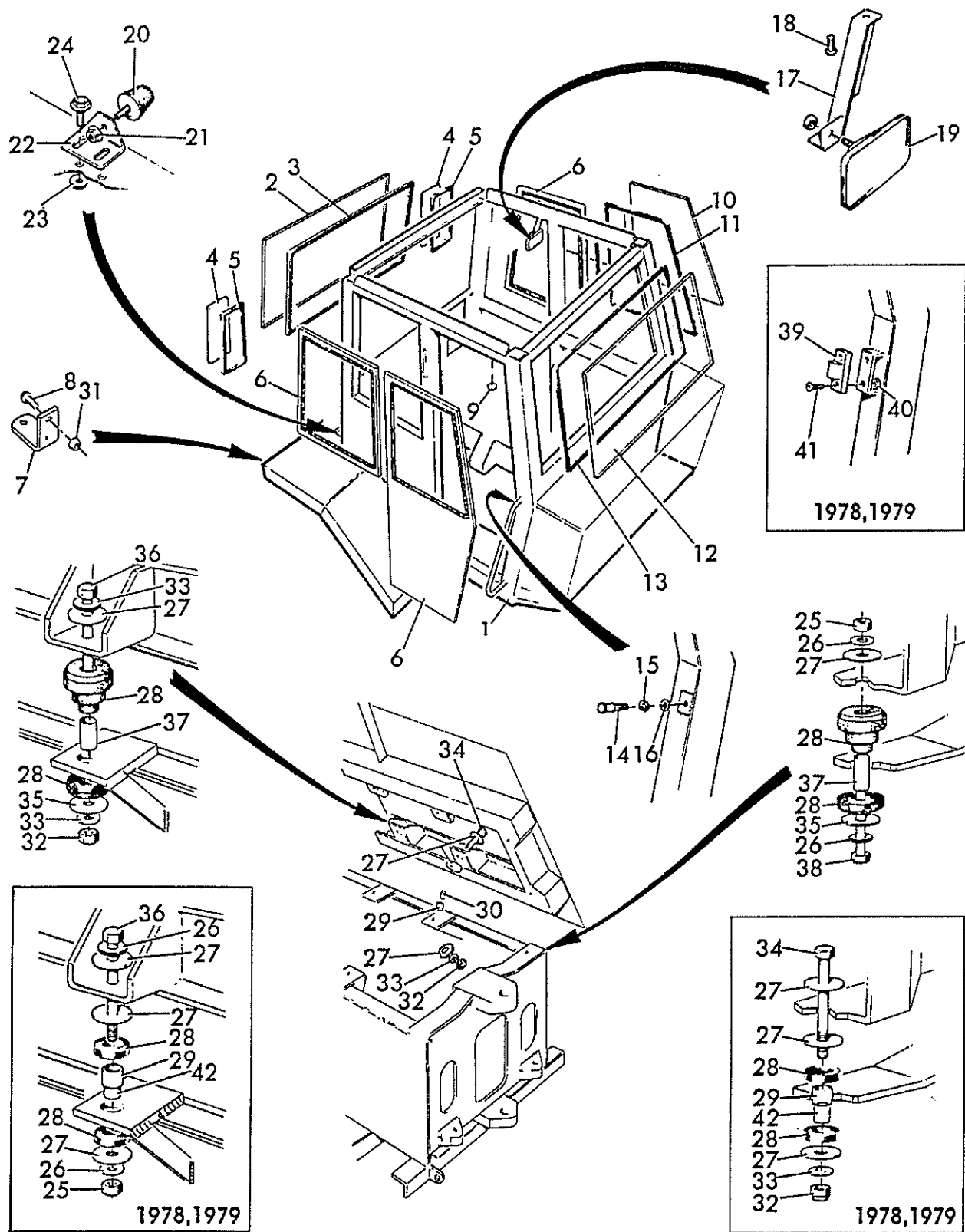
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1	(1)	V55826		83-84/	1	Cab - Welded
2	(1)	V15007		83-84/	1	Glass - Front
3	(1)	V8853002		83-84/	1	Weatherseal - Front - Replaces 20038
4	(1)	V27166		83-84/	2	Glass - Front Lower
5	(1)	V8853002		83-84/	2	Weatherseal - Front Lower - Replaces 30251
6	(1)			83-84/	AR	Door & Windows - See Door & Window Assembly - This Section
7	(1)	V57917		83-84/	2	Bracket - Lamp Mount
8	(1)	V29804	3975611	83-84/	4	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
9	(1)	V30094		83-84/	4	Plug
10	(1)	V15003		83-84/	1	Glass - Rear R.H.
11	(1)	V8853002		83-84/	1	Weatherseal - Rear R.H. - Replaces 20037
12	(1)	V15008		83-84/	1	Glass - Rear
13	(1)	V8853002		83-84/	1	Weatherseal - Rear - Replaces 20036
14	(1)	V55849		83-84/	1	Striker - Pin Assembly
15	(1)	V55835	1862136	83-84/	1	Washer - Striker
16	(1)	V12076	3975917	83-84/	AR	Washer - Plain 17/32" ID x 1/16" OD x 13 GA - Replaces 12076P
17	(1)	V30113		83-84/	1	Support - Mirror
18	(1)	V30122		83-84/	1	Screw - Truss Head Serrated 3/8" - 16 UNC x 1"
19	(1)	V30121		83-84/	1	Mirror
20	(1)	V47008		83-84/	2	Bumper - Rear Hood
21	(1)	V50511		83-84/	2	Nut - Flange - Hex Serrated 5/16" - 24 UNF - Replaces 47007
22	(1)	V47009		83-84/	2	Bracket - Rear Hood
23	(1)	V30334	1860105	83-84/	4	Nut - Flange - Hex Serrated 1/2" - 13 UNC
24	(1)	V30944	1860314	83-84/	4	Screw - Flange - Hex Serrated 1/2" - 13 UNC x 1"
25	(1)	V30907	1862213	83-84/	2	Nut - Lock Nylon Insert Hex 3/4" - 10 UNC - Replaces 30907P
26	(1)	V30908	1862211	83-84/	4	Washer - Plain 1-3/4" ID x 1-1/2" OD - Replaces 30908P
27	(1)	V101T181		83-84/	4	Washer - Plain 3/4" ID
28	(1)	V96780		83-84/	4	Mount - Cab Replaces 55819
29	(1)	V29940	3975619	83-84/	4	Nut - Flange - Hex Serrated 1/4" - 20 UNC
30	(1)	V13649		83-84/	2	Nut - Lock Hex 3/4" - 10 UNC - Replaces 13649P
31	(1)	V12260		83-84/	4	Washer - Plain 25/32" ID x 1-3/4" OD x 14 GA - Replaces 12260P
32	(1)	V55820		83-84/	4	Washer - Plain
33	(1)	V36943		83-84/	2	Screw - Cap - Hex 3/4" - 10 UNC x 5-1/2"
34	(1)	V55818		83-84/	4	Spacer - Cap Mount
35	(1)	V55822	1862210	83-84/	2	Screw - Cap - Hex 3/4" - 10 UNC x 5-1/2"

(1) - ASN 83036768

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FIGURE 15A2 - CAB AND MOUNTING 78-83



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FIGURE 15A2 - CAB AND MOUNTING 78-83
KABINE UND MONTAGE
CABINE ET MONTAGE
CABINA Y MONTAJE

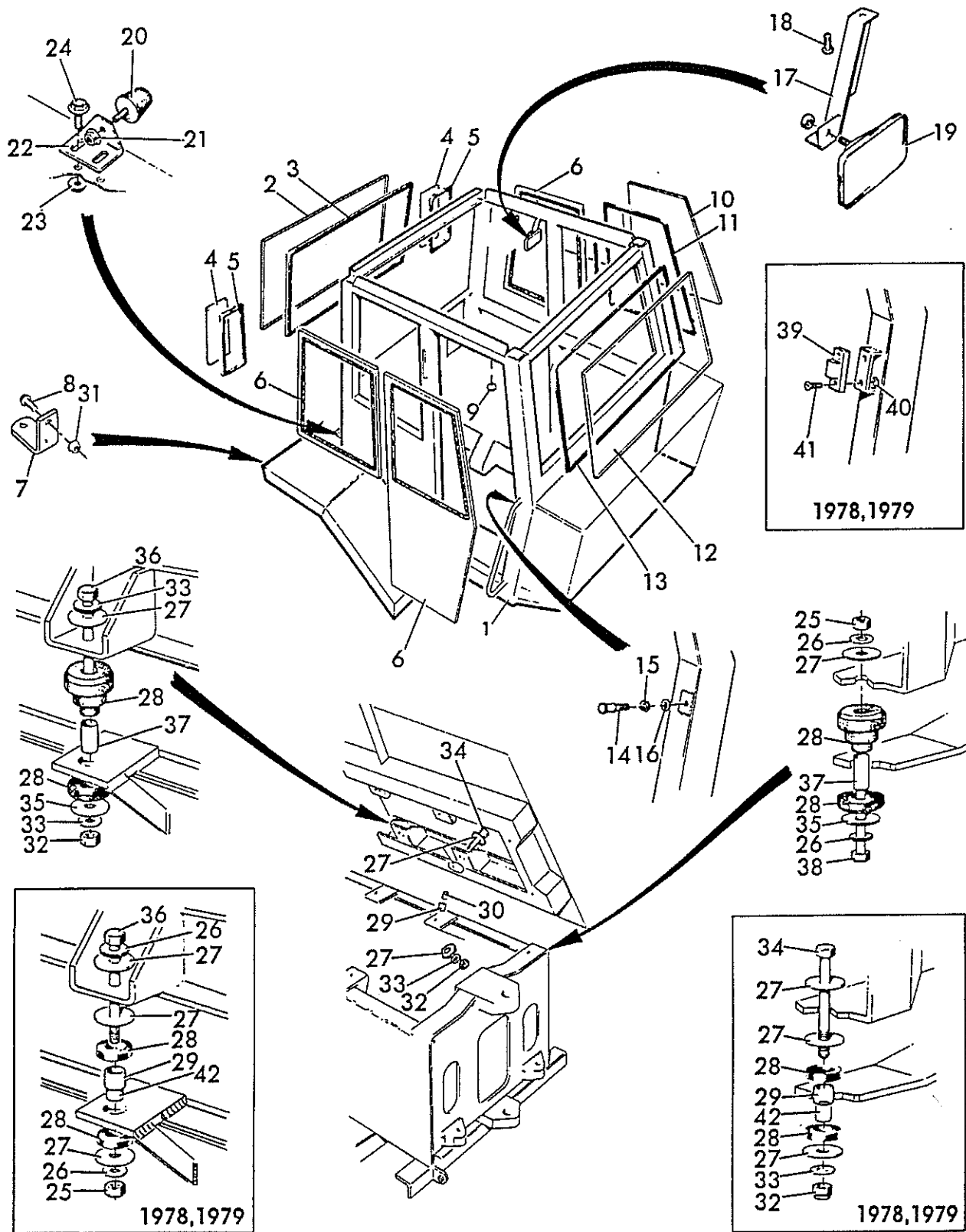
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1	(2)	V55826		80-83/	1	Cab - Welded - Replaces TRA-55826
	(2)	V29628		78-79/	1	Cab - Welded
2	(2)	V15007		78-83/	1	Glass - Front - Replaces TR-15007
3	(2)	V8853002		78-83/	1	Weatherseal - Front - Replaces TR-20038
4	(2)	V27166		78-83/	2	Glass - Front Lower - Replaces TR-27166
5	(2)	V8853002		78-83/	2	Weatherseal - Front Lower - Replaces 30251
6	(2)			78-83/	AR	See Door & Window Assembly - This Section Page 14
7	(2)	V57917		81-83/	2	Bracket - Lamp Mount - Replaces TR-57917
7	(2)	V32385		80/	2	Bracket - Lamp Mount
8	(2)	V29804	3975611	78-83/	4	Bolt - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
9	(2)	V30094		78-83/	4	Plug
10	(2)	V15003		78-83/	1	Glass - Rear R.H. - Replaces TR-15003
11	(2)	V8853002		78-83/	1	Weatherseal - Rear R.H. - Replaces TR-20037
12	(2)	V15008		78-83/	1	Glass - Rear - Replaces TR-15008
13	(2)	V8853002		78-83/	1	Weatherseal - Rear - Replaces TR-20036
14	(2)	V55849	1862135	80-83/	1	Striker - Pin Assembly
15	(2)	V55835	1862136	80-83/	1	Washer - Striker
16	(2)	V12076		80-83/	AR	Washer - Plain 17/32" ID x 1/16" OD x 13 GA - Replaces 12076P
17	(2)	V30113		78-83/	1	Support - Mirror - Replaces TRA-30113
18	(2)	V30122		78-83/	1	Bolt - 3/8" - 16 UNC x 1" - Replaces 30122P
19	(2)	V30121		78-83/	1	Mirror
20	(2)	V47008		78-83/	2	Bumper - Rear Hood
21	(2)	V50511		78-83/	2	Nut - Hex Serrated 5/16" - 24 UNF - Replaces 47007
22	(2)	V47009		78-83/	2	Bracket - Rear Hood - Replaces TR-47009
23	(2)	V30334	1860105	78-83/	4	Nut - Hex Serrated 1/2" - 13 NC
24	(2)	V30944	1860314	78-83/	4	Bolt - Hex Serrated 1/2" - 13 NC x 1"
25	(2)	V30907	1862213	78-83/	2	Nut - Hex Lock 3/4" - 10 UNC - Replaces 30907P
26	(2)	V30908	1862211	78-83/	4	Washer - Flat - Replaces 30908P
27	(2)	V101T181		78-83/	10	Washer - Flat
28	(2)	V96780		78-83/	4	Mount - Cab - Replaces 55819
29	(2)	V29758		78-83/	2	Isolator - Sleeve - Replaces TR-29758
30	(2)	V29759		78-83/	2	Spacer - Replaces TR-29759
31	(2)	V29940	3975619	80-83/	4	Nut - Serrated 1/4" - 20 UNC - Replaces 29940P
32	(2)	V13649		80-83/	4	Nut - Hex 3/4" - 10 UNC - Replaces 13649P

(2) - BSN 83036769

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FIGURE 15A2 - CAB AND MOUNTING 78-83



835 TRACTOR

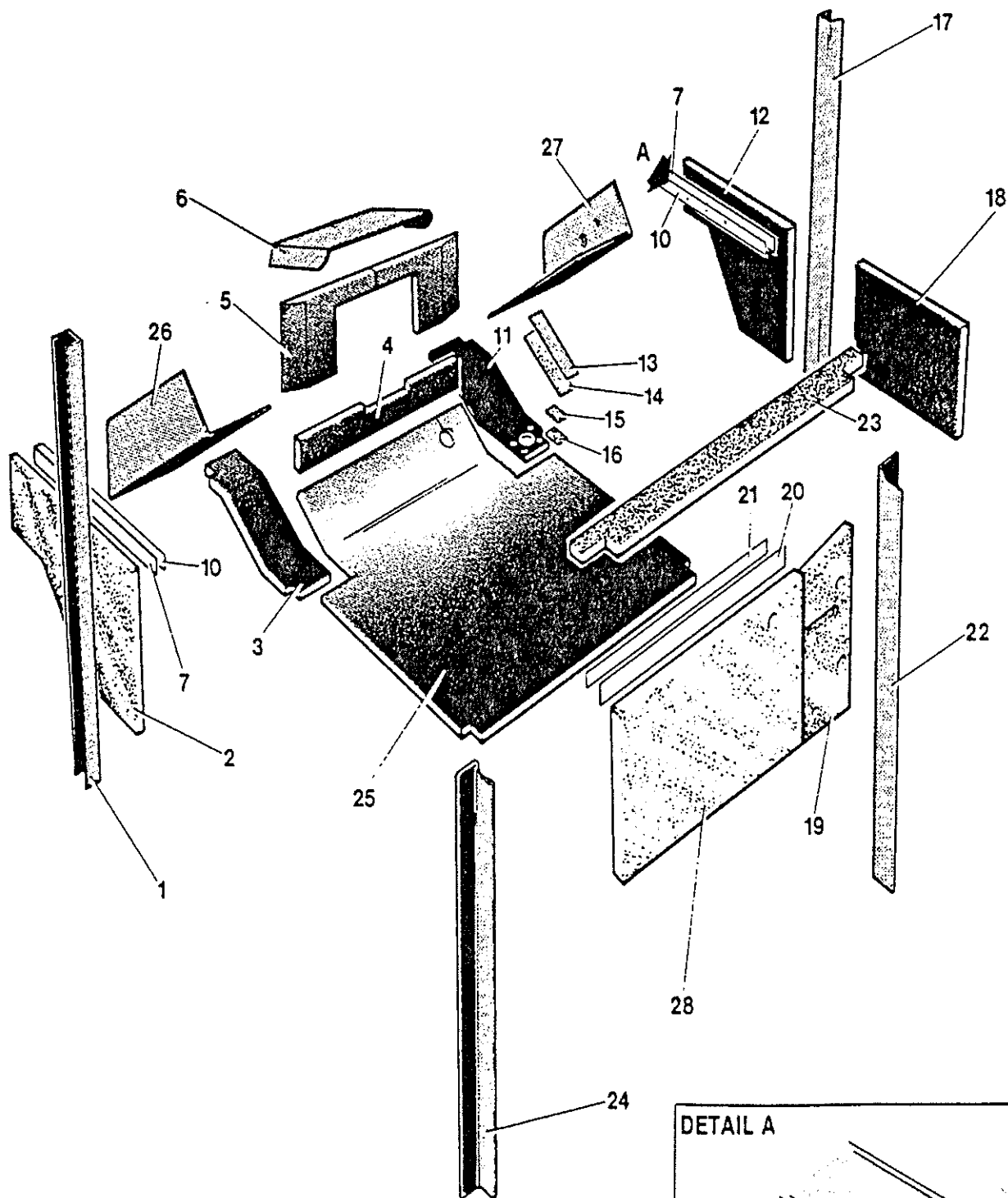
FIGURE 15A2 - CAB AND MOUNTING 78-83
 KABINE UND MONTAGE
 CABINE ET MONTAGE
 CABINA Y MONTAJE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
33	(2)	V12260		80-83/	6	Washer - Flat - Replaces 12260P
34	(2)	V30952		80-83/	2	Bolt - 3/4" - 10 UNC x 4" - Replaces 30952P
35	(2)	V55820		80-83/	4	Washer - Plain - Replaces TR-55820
36	(2)	V36943		80-83/	2	Screw - Cap 3/4" - 10 UNC x 5-1/2"
	(2)	V30906		78-79/	2	Screw - Cap 3/4" - 10 UNC x 4"
37		V55818		80-81/	4	Spacer - Cap Mount - Replaces TR-55818
38		V55822	1862210	80/	2	Screw - Cap 3/4" - 10 UNC x 5-1/2"
39		V15214	3975977	78-79/	2	Striker - Door Lock
40		V15289		78-79/	2	Nut - Lock 5/16" - 18 UNC
41		V15288		78-79/	2	Bolt - Countersunk Head 5/16" - 18 UNC x 3/4"
42		V29759		78-79/	2	Spacer

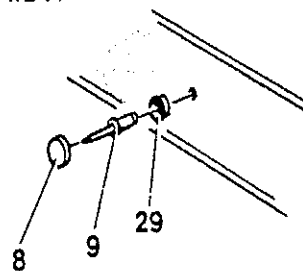
(2) - BSN 83036769

835 TRACTOR

FIGURE 15A3 - INSULATION AND FLOOR MATS



DETAIL A



835 TRACTOR

FIGURE 15A3 - INSULATION AND FLOOR MATS
ISOLIERUNG UND BODENMATTEN
ISOLEMENT ET TAPIS
AISLAMIENTO Y ALFOMBRILLAS

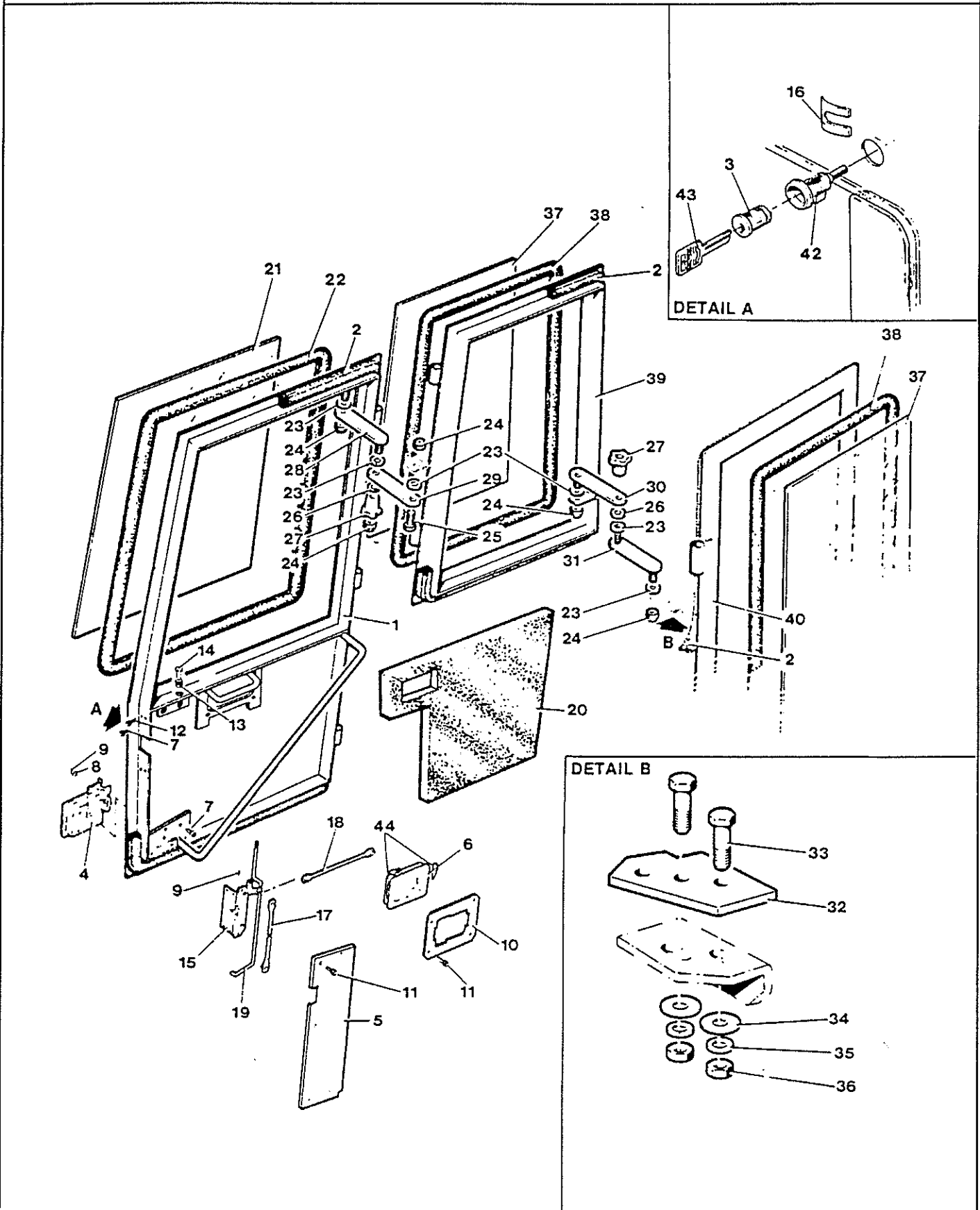
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1	(1)	V77258		83-84/	1	Insulation - L.H. Centre Post
	(2)	V49034		78-83/	1	Insulation - L.H. Counter Post
2	(1)	V77261		83-84/	1	Insulation - L.H. Front
	(2)	V49025		78-83/	1	Insulation - L.H. Front
3		V49046		78-84/	1	Mat - Floor L.H. Fender
4		V53310		80-84/	1	Mat - Floor
		V49177		78-79/	1	Mat - Floor
5	(1)	V77263		83-84/	1	Insulation - Firewall
	(2)	V49027		78-83/	1	Insulation - Firewall
6	(1)	V77275		83-84/	1	Insulation - Instrument Panel
	(2)	V57818		81-83/	1	Insulation - Instrument Panel
		V49176		78-80/	1	Insulation - Instrument Panel
7		V49132		78-84/	2	Trim - Side
8	(1)	V63227	1862333	78-84/	10	Cap - Brown - Replaces 49141 & 63228
9		V31268		78-84/	10	Rivet - Pop 3/16" Dia x 23/32"
10		V49143		78-84/	2	Decal - Trim
11		V49047		78-84/	1	Mat - Floor R.H. Fender - Replaces 58668
12	(1)	V77262		83-84/	1	Insulation - R.H. Front
	(2)	V49026		78-83/	1	Insulation - R.H. Fender
13		V52355		78-84/	1	Tape - Velcro
14		V8893501		78-84/	1	Tape - Velcro - Replaces 52354
15		V8893501		78-84/	1	Tape - Velcro - Replaces 52352
16		V8893501		78-84/	1	Tape - Velcro - Replaces 52353
17	(1)	V77257		83-84/	1	Insulation - R.H. Centre Post
	(2)	V49033		78-83/	1	Insulation - R.H. Centre Post
18		V29833		78-84/	1	Insulation - R.H. Rear
19		V49039		78-84/	1	Insulation - Rear
20		V49076		78-84/	1	Trim - Rear
21		V49142		78-84/	1	Decal - Trim
22	(1)	V77256		83-84/	1	Insulation - R.H. Rear
	(2)	V49032		78-83/	1	Insulation - R.H. Rear
23	(1)	V77260		83-84/	1	Insulation - Top Rear
	(2)	V57816		81-83/	1	Insulation - Top Rear
		V49036		78-80/	1	Insulation - Top Rear
24	(1)	V77273		83-84/	1	Insulation - L.H. Rear
	(2)	V55824		80-83/	1	Insulation - L.H. Rear
24		V49035		78-79/	1	Insulation - L.H. Rear
25		V53311		80-84/	1	Mat - Floor
25		V29712		78-79/	1	Mat - Floor
26	(1)	V77278		81-84/	1	Insulation - L.H. Panel - Replaces 58199
		V55799		80/	1	Insulation - L.H. Rear
		V49485		78-79/	1	Insulation - L.H. Panel
27	(1)	V77276		81-84/	1	Insulation - R.H. Panel
	(2)	V49175		78-83/	1	Insulation - R.H. Panel
28	(1)	V77264		83-84/	1	Insulation - Rear Console
	(2)	V49029		78-83/	1	Insulation - Rear Console
29		V63226	1862343	78-84/	1	Washer - Snap Cap

(1) - ASN 83036768

(2) - BSN 83036769

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FIGURE 15A4 - DOOR AND WINDOW ASSEMBLY 80-84



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FIGURE 15A4 - DOOR AND WINDOW ASSEMBLY 80-84
 KOMPL. TÜR UND FENSTER
 ENS. PORTE ET FENÊTRE
 ENS. PUERTA Y VENTANILLA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V55873		80-84/	AR	Door Assembly Includes: 1-22
1		V55872		80-84/	1	Door - Cab
2		V8855001		80-84/	1	Weatherstrip - Rubber 361" - Replaces 15245
3		V58327	1862204	81-84/	1	Cylinder Assembly - Door Lock
		V55829		80/	1	Cylinder Assembly - Door Lock
4		V55854		80-84/	1	Handle - Exterior Assembly
5		V55866		80-84/	1	Plate - Cover Door
6		V55850		80-84/	1	Handle - Interior Assembly
7		V29804	3975611	80-84/	6	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
8		V47358	3975820	80-84/	1	Washer - Plain 9/32" ID x 5/8" OD x 16 GA
9		V55831	1862203	80-84/	4	Pin - Hair Cotter #13
10		V55867		80-84/	1	Mount - Inside Handle
11		V30081	3975625	80-84/	9	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
12		V30249	1860273	80-84/	2	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1" - Replaces 30249P
13		V55834		80-84/	1	Bushing - Snap
14		V55832	1862198	80-84/	1	Knob - Push Button
15		V55859		80-84/	1	Latch - Door Assembly
16		V55833	1862206	80-84/	1	Clip - Spring
17		V55846		80-84/	1	Rod - Outside Release Assembly
18		V55847		80-84/	1	Rod - Inside Release Assembly
19		V55848		80-84/	1	Rod - Push Button Assembly
20	(1)	V77277		83-84/	1	Insulating - Door
	(2)	V55871		80-83/	1	Insulating - Door
21		V15004		80-84/	1	Glass - Door
22		V8853002		80-84/	1	Weatherseal - Door - Replaces 20034
23		V15290	1860730	80-84/	9	Spring - Washer
24		V12131	3975929	80-84/	7	Nut - Lock Nylon Insert 3/8" - 16 UNC
25		V12050	3975911	80-84/	1	Screw - Cap - Hex Grade 5 3/8" - 16 UNC x 1"
26		V12036		80-84/	3	Washer - Plain 13/32" ID x 13/16" OD x 15 GA
27		V15647		80-84/	3	Wheel - Hand
28		V15644		80-84/	1	Arm - Door Stop
29		V17419		80-84/	1	Arm - Short
30		V15240		80-84/	2	Arm - Long
31		V15239		80-84/	2	Arm - Short
32		V20040		80-84/	2	Plate - Window Lock
33		V12099	1860781	80-84/	4	Screw - Cap - Hex Grade 5 5/16" - 18 UNC x 1"
34		V12002		80-84/	4	Washer - Plain 11/32" ID x 11/16" OD x 15 GA
35		V12087	1861067	80-84/	4	Washer - Lock Helical Spring 5/16" ID
36		V12094	3975922	80-84/	4	Nut - Hex 5/16" - 8 UNC

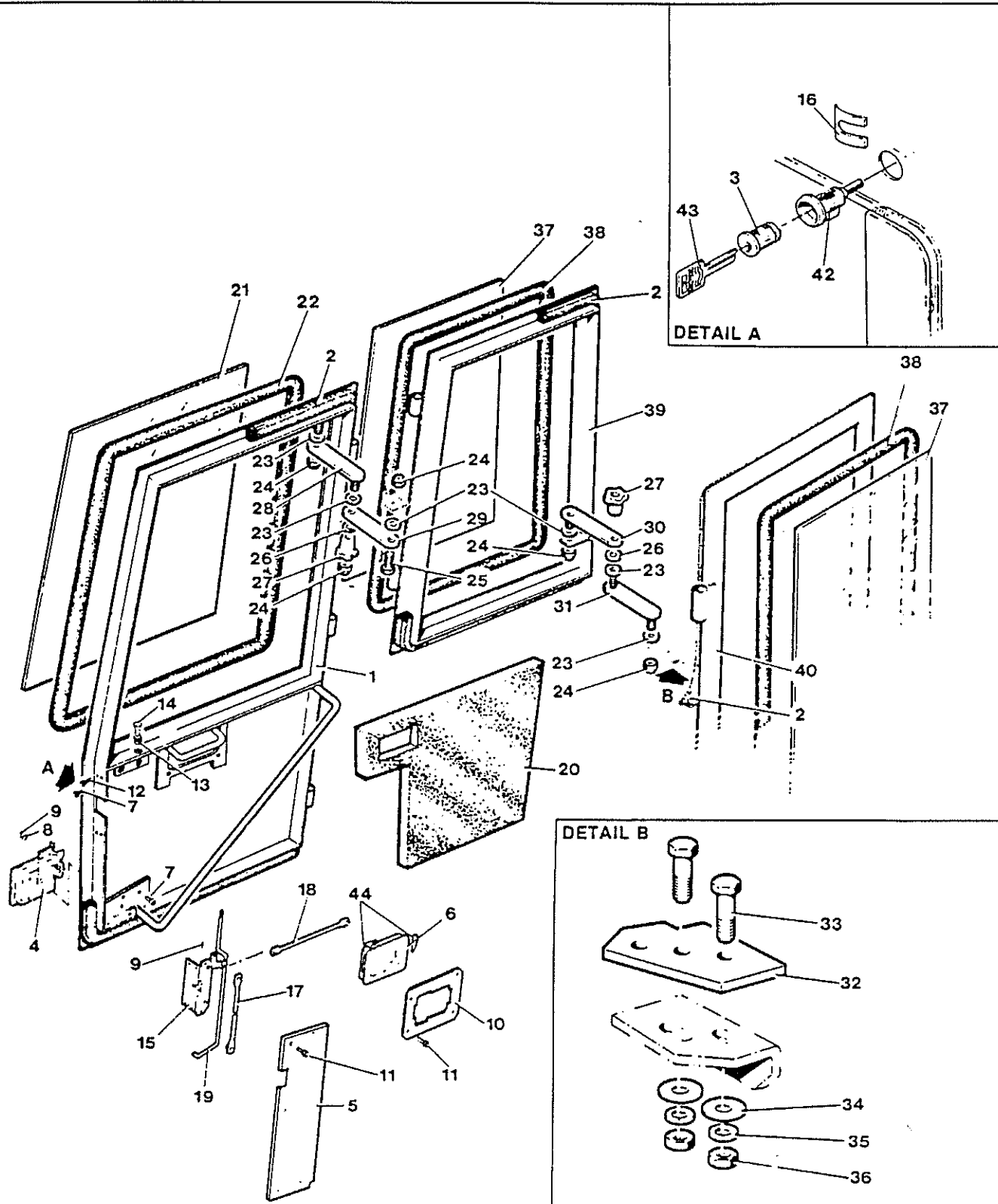
(1) - A3N 83036768

(2) - E3N 83036769

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FIGURE 15A4 - DOOR AND WINDOW ASSEMBLY 80-84



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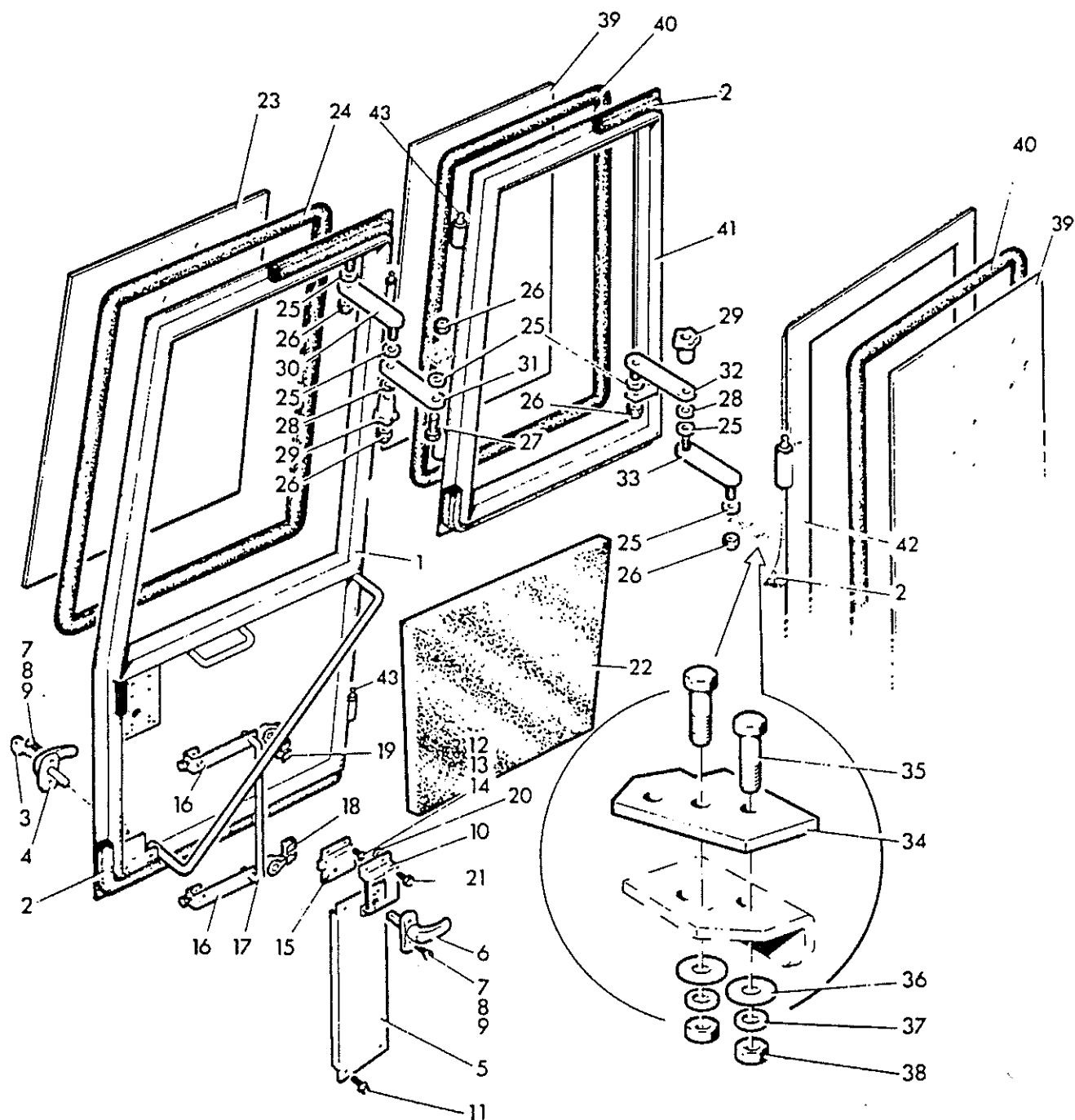
FIGURE 15A4 - DOOR AND WINDOW ASSEMBLY 80-84
 KOMPL. TÜR UND FENSTER
 ENS. PORTE ET FENÊTRE
 ENS. PUERTA Y VENTANILLA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V15268		80-84/	1	Window Assembly - L.H. Includes: 2 & 37-39
37		V15005		80-84/	1	Glass
38		V8853002		80-84/	1	Seal - Weather - Replaces 20033
39		V15015		80-84/	1	Frame - Window Left Side
		V15267		80-84/	1	Window Assembly - R.H. Includes: 2, 39, 40 & 42
40		V15016		80-84/	1	Frame - Window Right Side
41		V12649	1862190	80-84/	5	Fitting - Grease 5/16"
42		V58270	1862205	81-84/	1	Case & Shaft Assembly - Door Lock
43		V58328	1859851	81-84/	2	Key - Door
44	(1)	V55851	1862181	83-84/	2	Key - Case Mounting

(1) - ASN 83036768

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FIGURE 15A5 - DOOR AND WINDOW ASSEMBLY 78-79



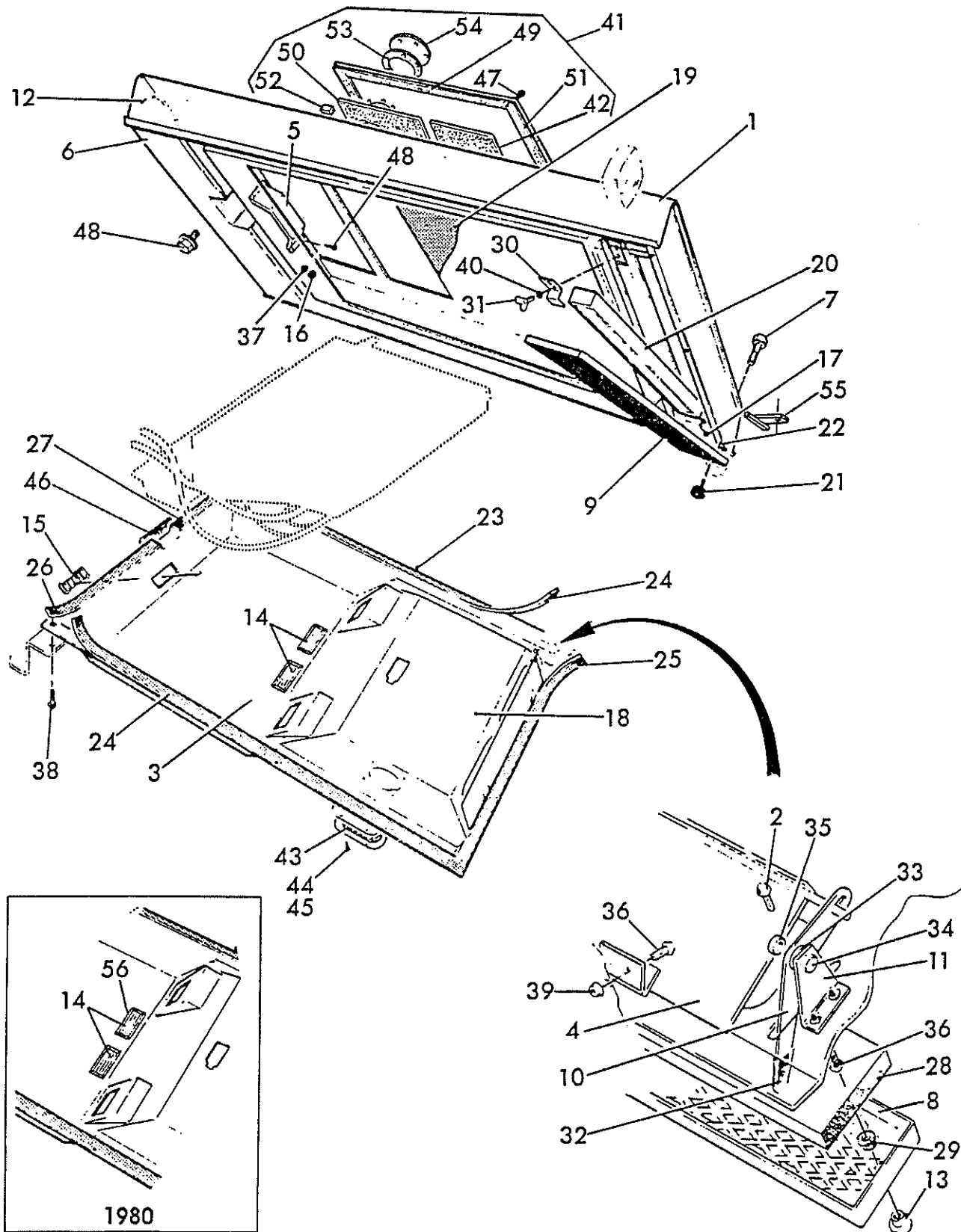
835 TRACTOR

FIGURE 15A5 - DOOR AND WINDOW ASSEMBLY 78-79
 KOMPL. TÜR UND FENSTER
 ENS. PORTE ET FENÊTRE
 ENS. PUERTA Y VENTANILLA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V15270		78-79/	1	Door Assembly - Replaces TRA-15270 Includes: 1-24
1		V15029		78-79/	1	Door - Cab - Replaces TRA-15029
2		V8855001		78-79/	1	Weatherstrip - Rubber 361" - Replaces TR-15245
3		V51817		78-79/	2	Key - Cab
4		V51819		78-79/	1	Handle - Exterior
5		V15258		78-79/	1	Plate - Cover - Replaces TR-15258
6		V51818		78-79/	1	Handle - Interior
7		V12958	3975903	78-79/	4	Nut - Hex 10 - 24 UNC
8		V12371	3975939	78-79/	4	Washer - Lock
9		V15282		78-79/	4	Screw - 10 - 24 UNC x 3/4" Long
10		V15725		78-79/	1	Bracket - Interior - Replaces TRA-15725
11		V301T155		78-79/	5	Screw - 12 - 24 UNC x 1/2"
12		V7770	3975895	78-79/	4	Nut - Hex 1/4" - 20 UNC - Replaces L-7770
13		V12004	3975905	78-79/	4	Washer - Lock 1/4"
14		V20378		78-79/	4	Bolt - Slotted 1/4" - 20 UNC x 3/4"
15		V60530		78-79/	1	Latch - Door - Replaces 49037
16		V15222		78-79/	2	Latch - Replaces TR-15222
17		V15278		78-79/	1	Rod - Replaces TR-15278
18		V15274		78-79/	1	Clip - R.H.
19		V17432		78-79/	1	Clip - L.H.
20		V48977		78-79/	2	Spacer - Bracket - Replaces TR-48977
21		V49333		78-79/	4	Screw - Self-Tapping 12 - 24 UNC x 1.0 Long
22		V49030		78-79/	1	Insulation - Door
23		V15004		78-79/	1	Glass - Door - Replaces TR-15004
24		V8853002		78-79/	1	Weatherseal - Door
25		V15290	1860730	78-79/	9	Washer - Spring
26		V12131	3975929	78-79/	7	Nut - Self-Locking 3/8" - 16 NC
27		V12050	3975911	78-79/	1	Bolt - Hex 3/8" - 16 NC x 1.00 Long
28		V12036		78-79/	3	Washer - Flat 3/8"
29		V15647		78-79/	3	Wheel - Hand
30		V15644		78-79/	1	Arm - Door Stop - Replaces TRA-15644
31		V17419		78-79/	1	Arm - Short - Replaces TR-17419
32		V15240		78-79/	2	Arm - Long - Replaces TRA-15240
33		V15239		78-79/	2	Arm - Short - Replaces TRA-15239
34		V20040		78-79/	2	Plate - Window Lock - Replaces TR-20040
35		V12099	1860781	78-79/	4	Bolt - Hex 5/16" - 18 UNC x 1.00 Long
36		V12002		78-79/	4	Washer - Flat 11/32" ID
37		V12087	1861067	78-79/	4	Washer - Lock 5.16 Dia Medium
38		V12094	3975922	78-79/	4	Nut - Hex 5/16" - 8 UNC
39		V15005		78-79/	1	Glass - Replaces TR-15005
40		V8853002		78-79/	1	Seal - Weather - Replaces TR-20033
41		V15015		78-79/	1	Frame - Window Left Side - Replaces TRA-15015
42		V15016		78-79/	1	Frame - Window Right Side - Replaces TRA-15016
43		V12649	1862190	79/	5	Fitting - Grease 5/16"

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FIGURE 15A6 - ROOF STRUCTURE 80-84



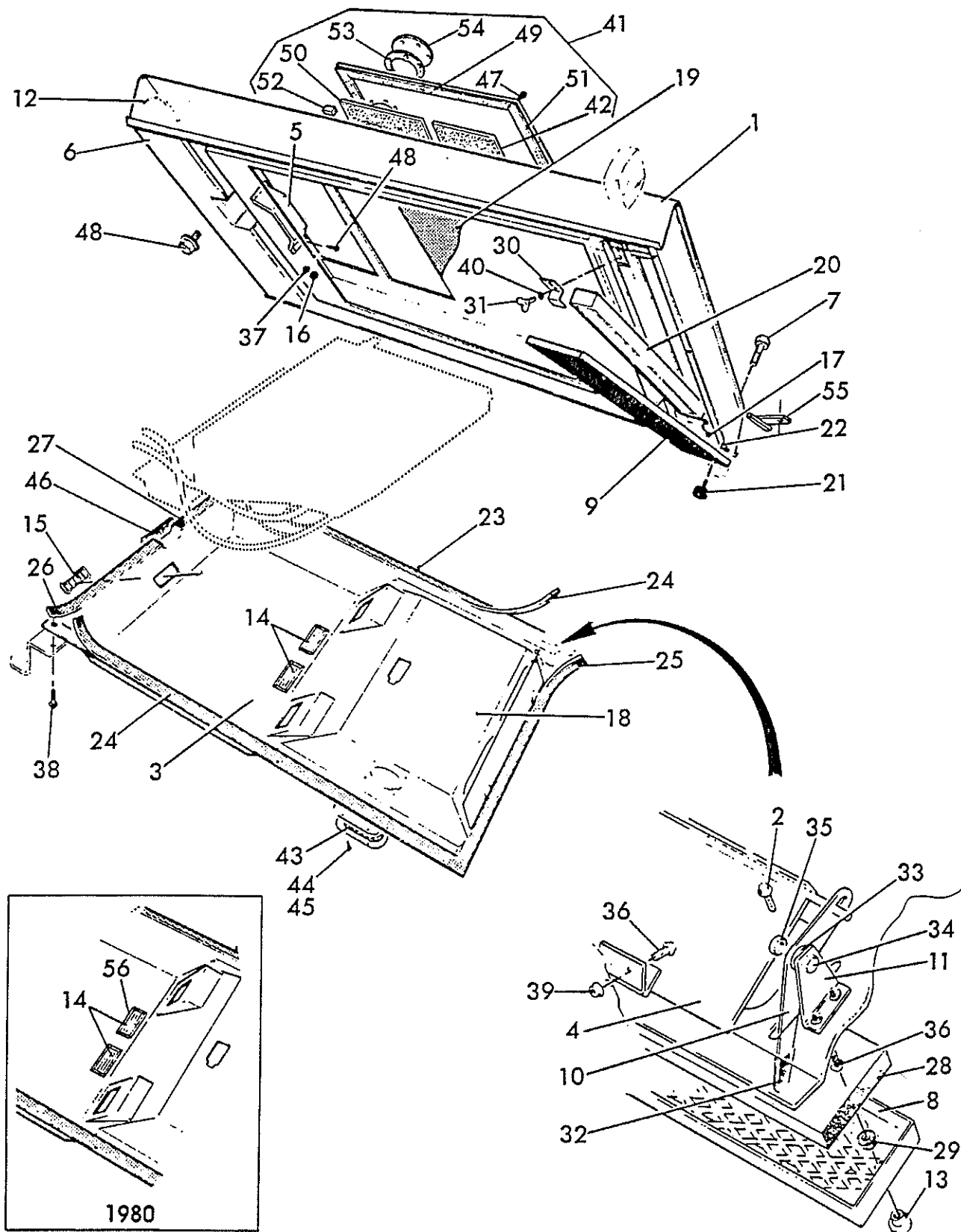
835 TRACTOR

FIGURE 15A6 - ROOF STRUCTURE 80-84
DACH-STRUKTUR
STRUCTURE DE TOIT
ESTRUCTURA DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V31002		80-84/	1	Roof
2		V30249	1860273	80-84/	2	Screw - Flange Hex Serrated 1/4" - 20 UNC x 1" - Replaces 30249P
3		V54558		80-84/	1	Headliner
4		V30989		80-84/	1	Lid - Return Air
5		V48199		80-84/	1	Panel - Wiper Assembly
6		V33631		80-84/	1	Panel - Front Lower
7		V12231		80-84/	4	Screw - Cap Hex 1/4" - 20 UNC x 3/4" - Replaces 12231P
8		V30987		80-84/	1	Support - Return Air Filter
		V53428		80-84/	1	Filter Screen Assembly Includes: 9, 21 & 22
9		V36416		80-84/	1	Screen
10		V30966		80-84/	1	Lever - Return Air
11		V30964		80-84/	1	Bracket - Return Air
12		V8854005		80-84/	1	Seal
13		V30967		80-84/	2	Knob - Return Air
14		V30982		80-84/	2	Louver - 2.21 x 6
15		V30975		80-84/	1	Louver - 1.10 x 4.2
16		V32616		80-84/	1	Grommet - 11/16" ID x 1-5/16" OD
17		V32624		80-84/	2	Grommet - 5/32" ID x 11/16" OD
18		V32623		80-84/	3	Screw - Self-Tapping 5/8"
19		V30960		80-84/	1	Insulation - 48.12 x 46.8
20		V30986		80-84/	1	Filter Assembly - 4 x 44"
21		V30990		80-84/	3	Knob - 1/4" x 1"
22		V32618		80-84/	3	Nut - Lock 1/4" - 20 UNC
23		V32617		80-84/	14	Rivet - Pop SFS 44
24		V30995		80-84/	4	Seal - Polyvinyl 1/8" x 3/4" x 47.7
25		V30994		80-84/	2	Seal - Polyvinyl 1/8" x 3/4" x 46.8
26		V31001		80-84/	2	Seal - Polyvinyl 1/8" x 3/4" x 24.2
27		V32628		80-84/	2	Seal - Polyvinyl 2/8" x 3/4" x 18.2
28		V30988		80-84/	1	Filter - Recirculation
29		V29940	3975619	80-84/	7	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
30		V53429		80-84/	2	Tab - Filter Mount
31		V50343		80-84/	2	Screw - Wing 3/8" - 16 UNC x 1"
32		V30965		80-84/	1	Tip - Plastic Black
33		V32619		80-84/	2	Washer - Friction
34		V32620		80-84/	1	Screw - 1/4" - 28 UNF x 5/8"
35		V18650		80-84/	1	Nut - Lock 1/4" - 24 UNC
36		V32621		80-84/	6	Screw - Cap Truss Head 10 - 24 UNC x 1/2"
37		V32626		80-84/	3	Grommet - 1/4" ID x 1/2" OD
38		V30122		80-84/	16	Screw - Cap Truss Head 3/8" - 16 UNC x 1" - Replaces 30122P
39		V29939	3975617	80-84/	4	Nut - Flange - Hex Serrated #10 - 24 UNC - Replaces 29939P
40		V47360	3975822	80-84/	2	Washer - Plain 11/32" ID x 11/16" OD x 16 GA

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FIGURE 15A6 - ROOF STRUCTURE 80-84



835 TRACTOR

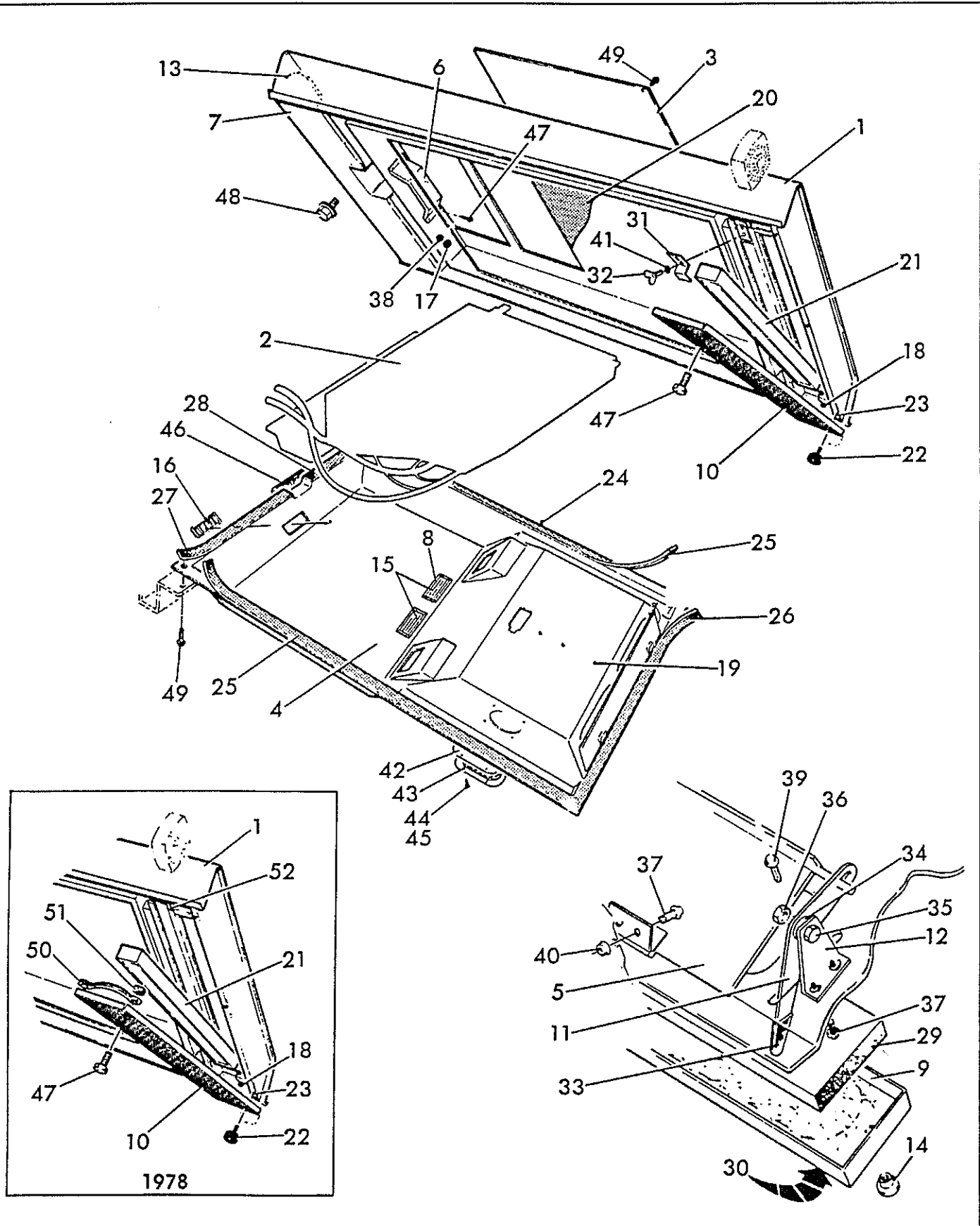
FIGURE 15A6 - ROOF STRUCTURE 80-84
DACH-STRUKTUR
STRUCTURE DE TOIT
ESTRUCTURA DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
41		V41768		80-84/	1	Roof Cover Assembly Includes: 42 & 49-53
42		V31611		80-84/	1	Foam - Rear Cover 11" x 38" - Replaces 31608
43		V30432		80-84/	2	Grill - Speaker
44		V30575		80-84/	8	Nut - Flange - Hex Serrated 8 - 32 UNC - Replaces 30575P
45		V30574		80-84/	8	Screw - Cap Truss Head 8 - 32 UNC x 3/4"
46		V32627		80-84/	1	Seal - Foam
47		V41762		80-84/	28	Screw - Machine Hex Washer Head 1/4" - 20 UNC x 3/4" - Replaces 41762P
48		V30081	3975625	80-84/	17	Screw - Flange - Hex Serrated 1/4" 20 UNC x 1/2" - Replaces 30081P
49		V41770		80-84/	2	Seal - Cover 1.00 x 25.70
50	NS	V31608		80-84/	1	Foam - Front Cover 9.9 x 38
51		V41769		80-84/	2	Seal - Cover 1.00 x 39.98
52		V48168	3976036	80-84/	2	Seal - Foam
53		V56187		80-84/	1	Gasket
54		V56453		80-84/	1	Plate - Cover
55		V63188		81-84/	1	Bracket
56		V48169		80/	1	Seal

NS - Not Serviced

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FIGURE 15A7 - ROOF STRUCTURE 78-79



835 TRACTOR

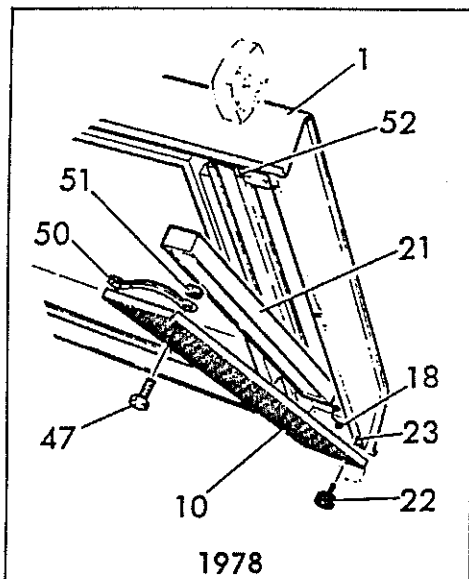
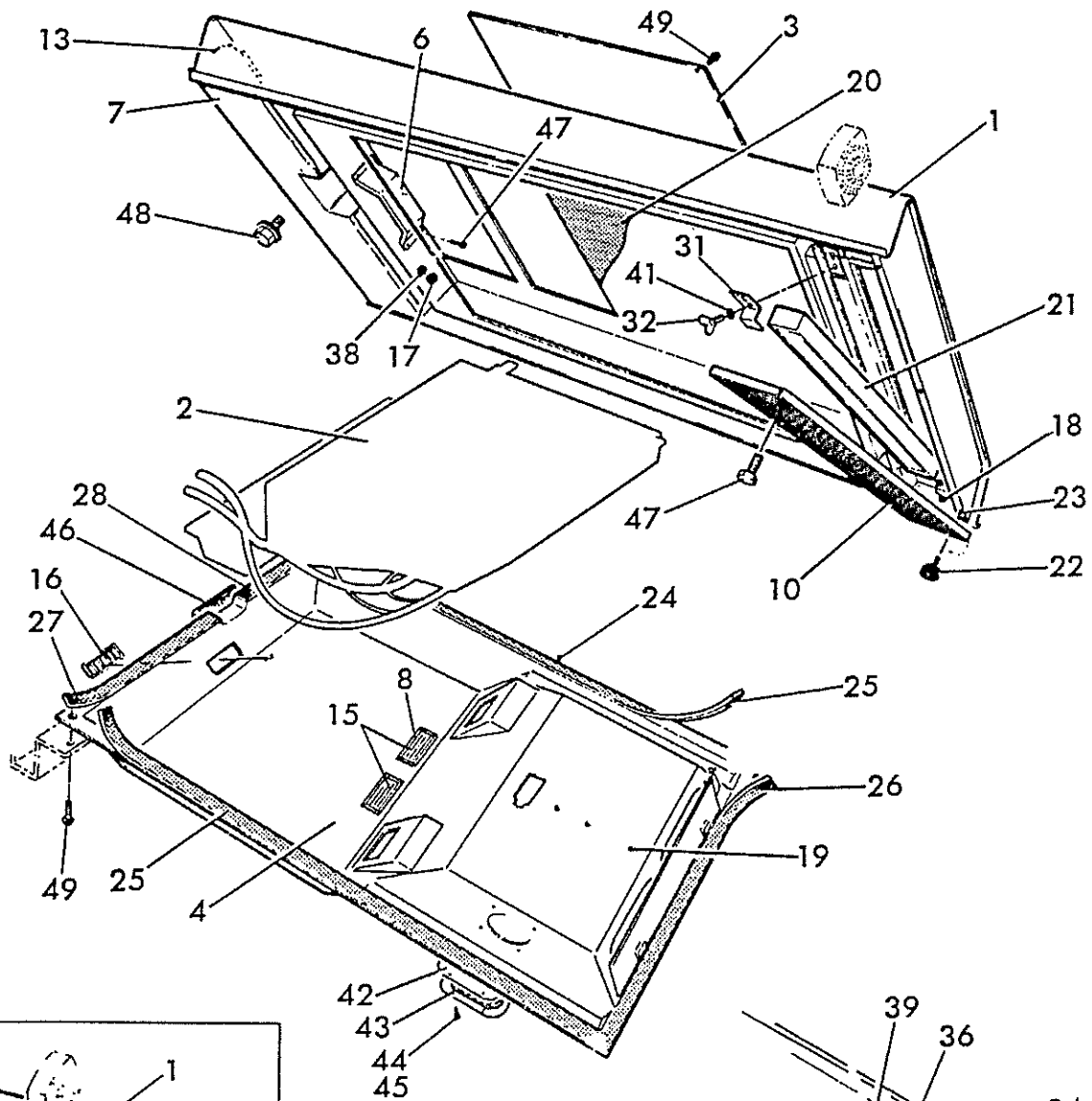
FIGURE 15A7 - ROOF STRUCTURE 78-79
DACH-STRUKTUR
STRUCTURE DE TOIT
ESTRUCTURA DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V31002		78-79/	1	Roof
2				78-79/	AR	Blower Panel Assembly - Refer to Section F - Electrical & Environment
3		V41768		78-79/	1	Cover - Roof
4		V30985		78-79/	1	Headliner
5		V30989		78-79/	1	Lid - Return Air
6		V48199		78-79/	1	Panel - Wiper
7		V33631		78-79/	1	Panel - Front
8		V48169		78-79/	1	Seal
9		V30987		78-79/	1	Support - Return Air Filter
10		V36416		78-79/	1	Screen - Filter
11		V30966		78-79/	1	Lever - Return Air
12		V30964		78-79/	1	Bracket - Return Air
13		V8854005		78-79/	1	Seal - Replaces 31470
14		V30967		78-79/	2	Knob - Return Air
15		V30982		78-79/	2	Louver - 2.21 x 6.0
16		V30975		78-79/	1	Louver - 1.10 x 4.2
17		V32616		78-79/	1	Grommet - 11/16" x 1-5/16"
18		V32624		78-79/	2	Grommet - 1/2" Dia
19		V32623		78-79/	3	Screw - Self-Tapping Black
20		V30960		78-79/	1	Foam - 48.12 x 46.8
21		V30986		78-79/	1	Filter - 4 x 44
22		V30990		78-79/	3	Knob - 1/4" x 1"
23		V32618		78-79/	3	Nut - Center Lock 1/4" - 20
24		V32617		78-79/	14	River - Pop SFS 44
25		V30995		78-79/	4	Seal - Polyvinyl 1/8" x 3/4" x 47.7
26		V30994		78-79/	2	Seal - Polyvinyl 1/8" x 3/4" x 46.8
27		V31001		78-79/	2	Seal - Polyvinyl 1/8" x 3/4" x 24.2
28		V32628		78-79/	2	Seal - Polyvinyl 1/8" x 3/4" x 18.2
29		V30988		78-79/	1	Filter - Recirculation
30				78-79/	AR	Decals - Refer to Section A Structures
31		V53429		79/	2	Tab - Filter Mount
32		V50343		79/	2	Screw - Wing 3/8" - 16 UNC x 1.0 Long
33		V30965		78-79/	1	Tip - Plastic Black
34		V32619		78-79/	2	Washer - Friction
35		V32620		78-79/	1	Screw - 1/4" - 28 NC x 1/4" Long
36		V18650		78-79/	1	Nut - Lock 1/4" - 28 NC
37		V32621		78-79/	6	Bolt - Truss Head 10 - 24 x 1/2" Long
38		V32626		78-79/	3	Grommet - 1/4" x 1/2"
39		V32621		78-79/	6	Bolt - Truss Head 10 - 24 x 1/2" Long
40		V29939		78-79/	4	Nut - Hex Whiz 10 - 24 - Replaces 29939P
41		V47360	3975822	79/	2	Washer - Plain 11/32" ID x 11/16" OD
42		V30519		78-79/	1	Cover - Speaker - Replaces TR-30519
43		V30432		78-79/	2	Grill - Speaker - Replaces TR-30432

AR - As Required

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FIGURE 15A7 - ROOF STRUCTURE 78-79



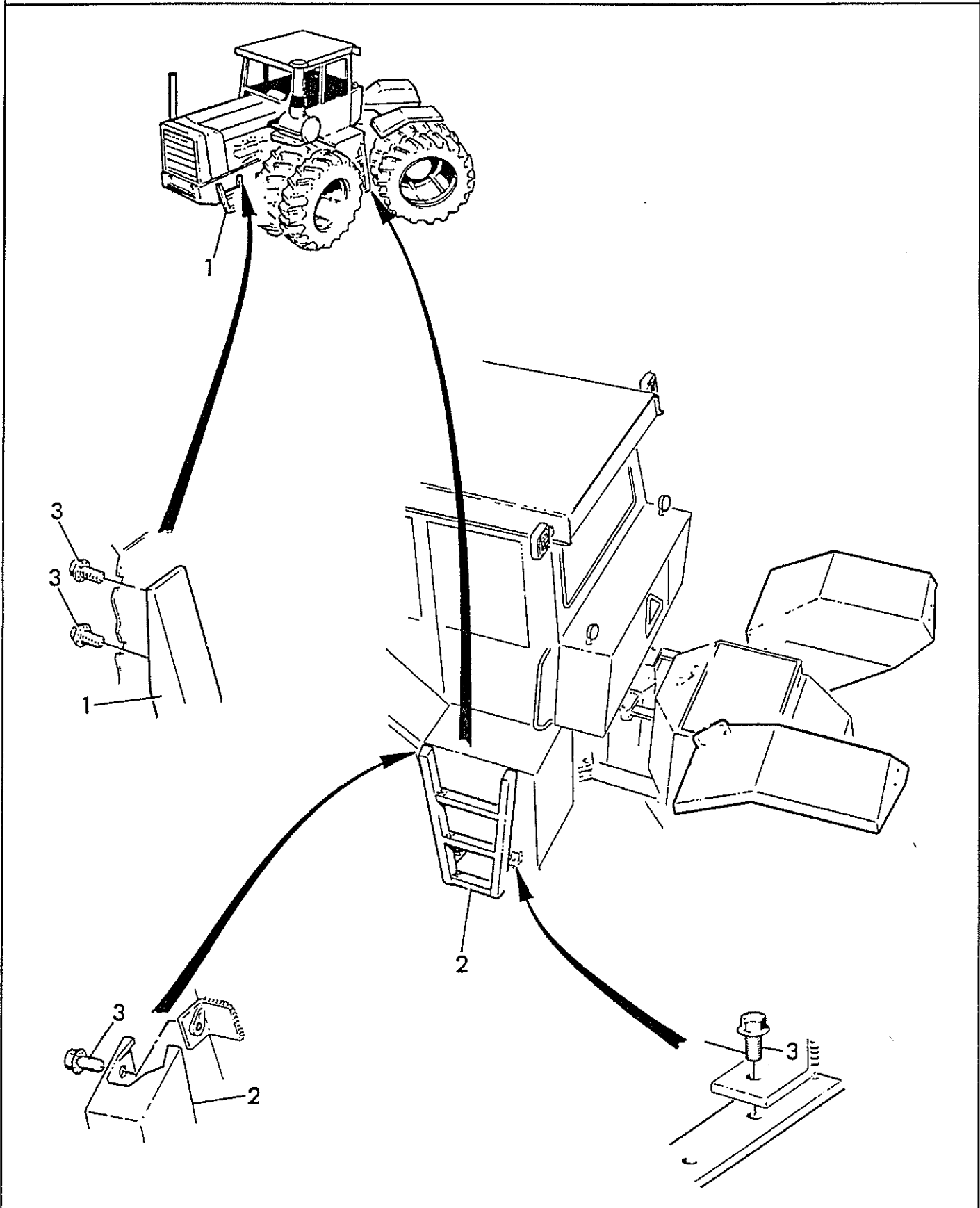
835 TRACTOR

FIGURE 15A7 - ROOF STRUCTURE 78-79
 DACH-STRUKTUR
 STRUCTURE DE TOIT
 ESTRUCTURA DE TECHO

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
44		V30575		78-79/	8	Nut - Serrated Washer Head #8 - 32 NC - Replaces 30575P
45		V30574		78-79/	8	Bolt - Truss Head #8 - 32 NC x 3/4" Long
46		V32627		78-79/	1	Seal - Foam
47		V30180	3975627	78-79/	11	Bolt - Hex Flange 10 - 24 x 1/2" Long
48		V30081	3975625	78-79/	16	Bolt - Serrated Washer Head 1/4" x 1/4"
49		V30122		78-79/	15	Bolt - 3/8" - 16 NC x 1 Long
50		V36415		78/	4	Spring - Flat
51		V12958	3975903	78/	4	Nut - Hex #10 - 24
52		V36414		78/	2	Clip

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FIGURE 15A8 - LADDERS



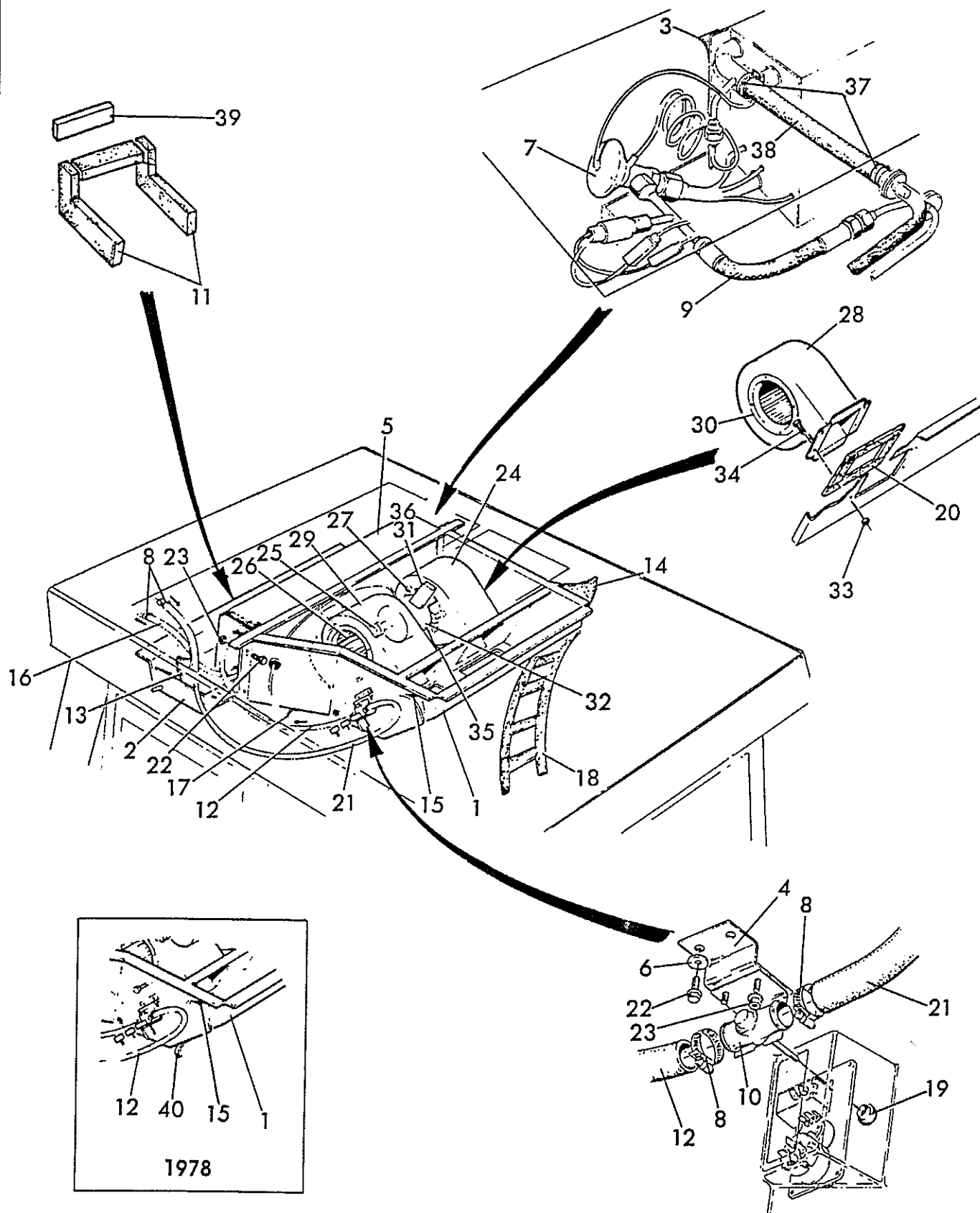
835 TRACTOR

FIGURE 15A8 - LADDERS
LEITEN
ÉCHELLES
ESCALERAS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V30068		78-84/	1	Ladder - Access
2		V28221		78-84/	1	Ladder
3		V29892	3975613	78-84/	10	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P

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FIGURE 15B1 - BLOWER PANEL



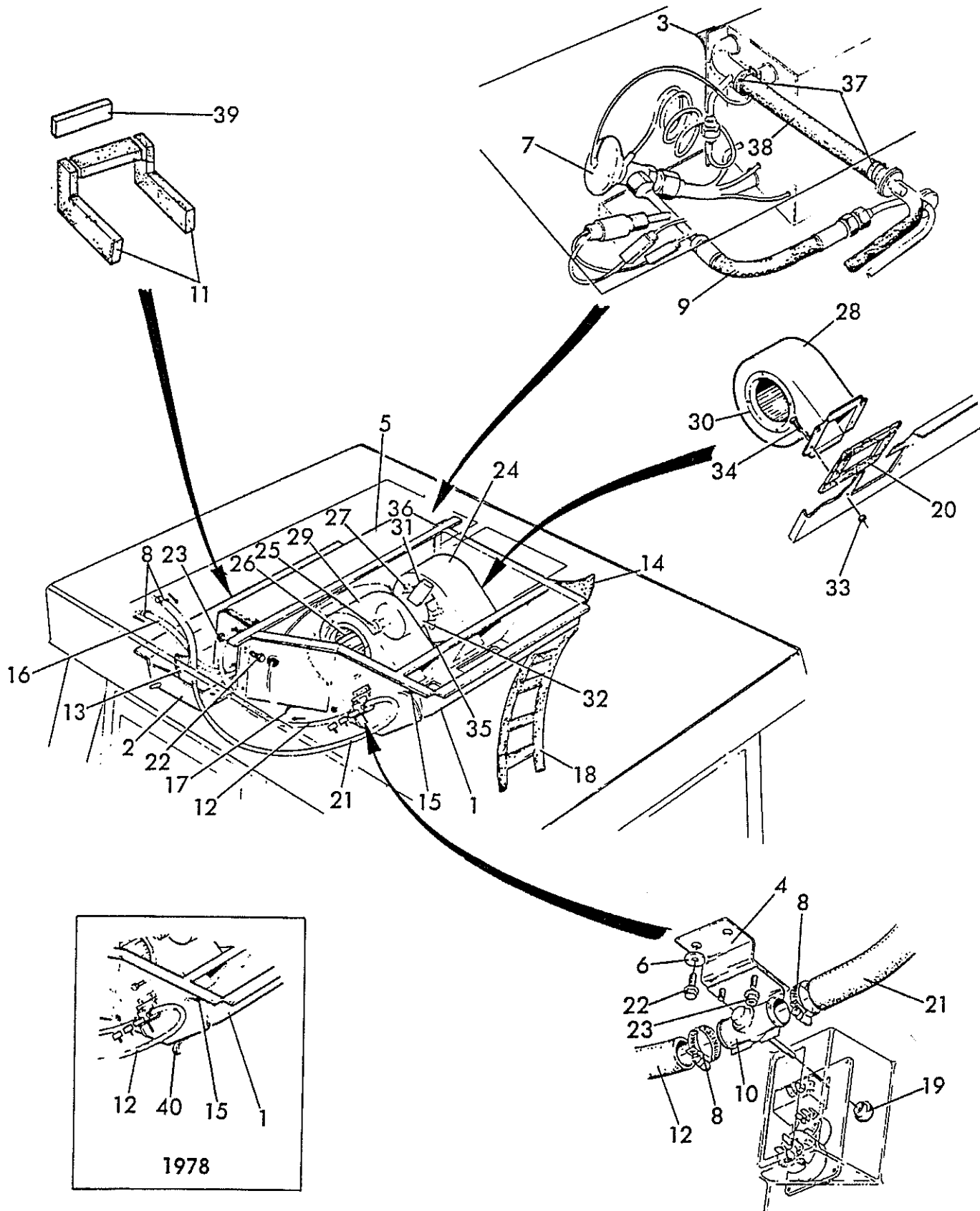
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FIGURE 15B1 - BLOWER PANEL
 GEBLÄSE FÜLLUNG
 TABLEAU VENTILATEUR
 TABLERO SOPLADOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V54563		79-84/	1	Blower Panel Assembly
		V30980		78/	1	Blower Panel Assembly
		V54561		79-84/	1	Panel - Blower
		V31517		78/	1	Panel - Blower
2		V31516		78-84/	1	Tray - Drip
3		V32629		78-84/	2	Seal - Polyvinyl 4.6
4		V31513		78-84/	1	Bracket - Heater Control
5		V31512		78-84/	1	Core - Heater Evaporator
6		V18601	3975999	78-84/	2	Washer - Plain 5/16" ID x 3/4" OD x 16 GA
7		V31510		78-84/	1	Valve - Expansion
8		V17454		78-84/	5	Clamp
9		V31507		78-84/	1	Hose Assembly - Liquid
10		V31506		78-84/	1	Valve - Heater Control
11		V31504		78-84/	1	Seal - Foam
12		V31493		78-84/	1	Hose - Heater
13		V31503		78-84/	1	Tray - Foam Drip 1/4" x 5.7 x 35.8
14		V54560		79-84/	1	Cover - Right Foam 7.1 x 13.6
		V31502		78/	1	Cover - Right Foam 7.1 x 13.6
15		V54559		79-84/	1	Cover - Left Foam 7.1 x 14.7
		V31501		78/	1	Cover - Left Foam 7.1 x 14.7
16		V31494		78-84/	1	Hose - Heater 12"
17		V31499		78-84/	1	Stickertite - 5/16" x 3/4" x 27.5
18		V31498		78-84/	1	Seal - Polyvinyl 4.75 x 19.70
19		V30969		78-84/	1	Knob - Heater
20		V31497		78-84/	2	Seal - Polyvinyl 4.72 x 6.12
21		V31495		78-84/	1	Hose - Heater 27"
22		V30081	3975625	78-84/	8	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
23		V29940	3975619	78-84/	8	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
24		V56662		78-84/	1	Blower Assembly - Replaces 31511 Includes: 25-32, 35 & 36
25		V56839		80-84/	2	Clip - Compression Ring
		V35968		78-79/	2	Clip - Compression Ring
26		V56838		78-84/	2	Wheel - Blower Double - Replaces 35514
27		V56841		80-84/	2	Gasket
		V35966		78-79/	2	Gasket
28		V56842		80-84/	1	Housing Assembly - Blower Right
		V35967		78-79/	1	Housing Assembly - Blower Right
29		V56840		80-84/	1	Housing Assembly - Blower Left
		V35967		78-79/	1	Housing Assembly - Blower Left
30		V56843		80-84/	2	Ring - Inlet
31		V56844		80-84/	1	Resistor - 12V
32		V56663		80-84/	1	Motor - 12V DC
		V35513		78-79/	1	Motor - 12V DC

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FIGURE 15B1 - BLOWER PANEL



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FIGURE 15B1 - BLOWER PANEL
 GEBLÄSE FÜLLUNG
 TABLEAU VENTILATEUR
 TABLERO SOPLADOR

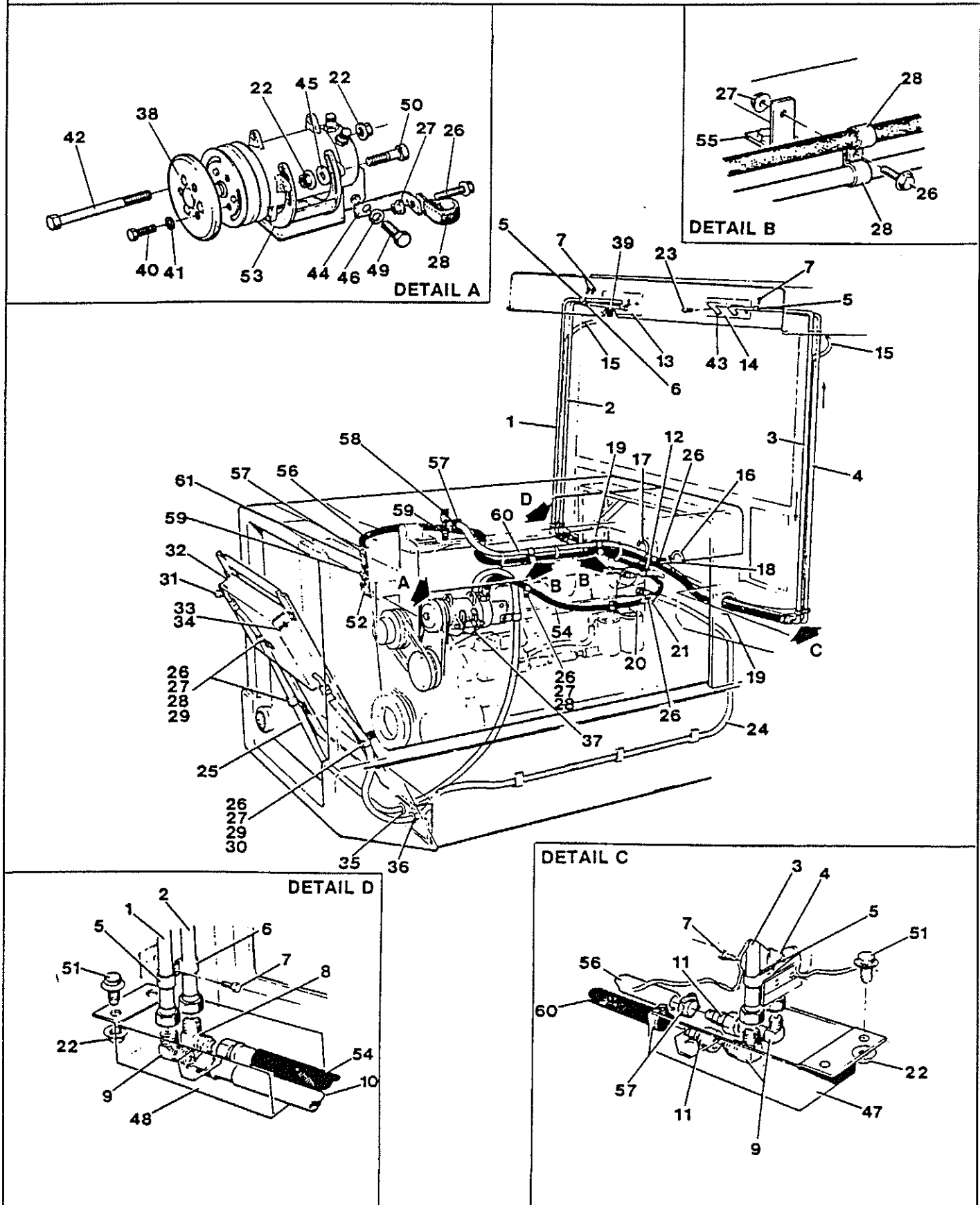
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
33		V29939	3975617	81-84/	8	Nut - Flange - Hex Serrated #10 - 24 UNC - Replaces 29939P
		V29940	3975619	78-80/	8	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
34		V30180	3975627	81-84/	8	Screw - Flange - Hex Serrated #10 - 20 UNC x 1/2" - Replaces 30180P
		V30081	3975625	78-80/	8	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
35	(1)			83-84/	1	Wire - Ground
36	(1)	V56845		83-84/	1	Receptacle - Terminal
37	(1)	V609T146	1861668	83-84/	2	Clamp - Gear
	(2)	V17454		78-83/	2	Clamp - Gear
38	(1)	V32491		83-84/	1	Hose
39	(1)	V31469		83-84/	1	Seal
40		V31500		78/	1	Stickertite - 5/16" x 3/4" x 20.2

(1) - ASN 83036768

(2) - BSN 83036769

835 TRACTOR

FIGURE 15B2 - AIR CONDITIONER PIPING 83-84



835 TRACTOR

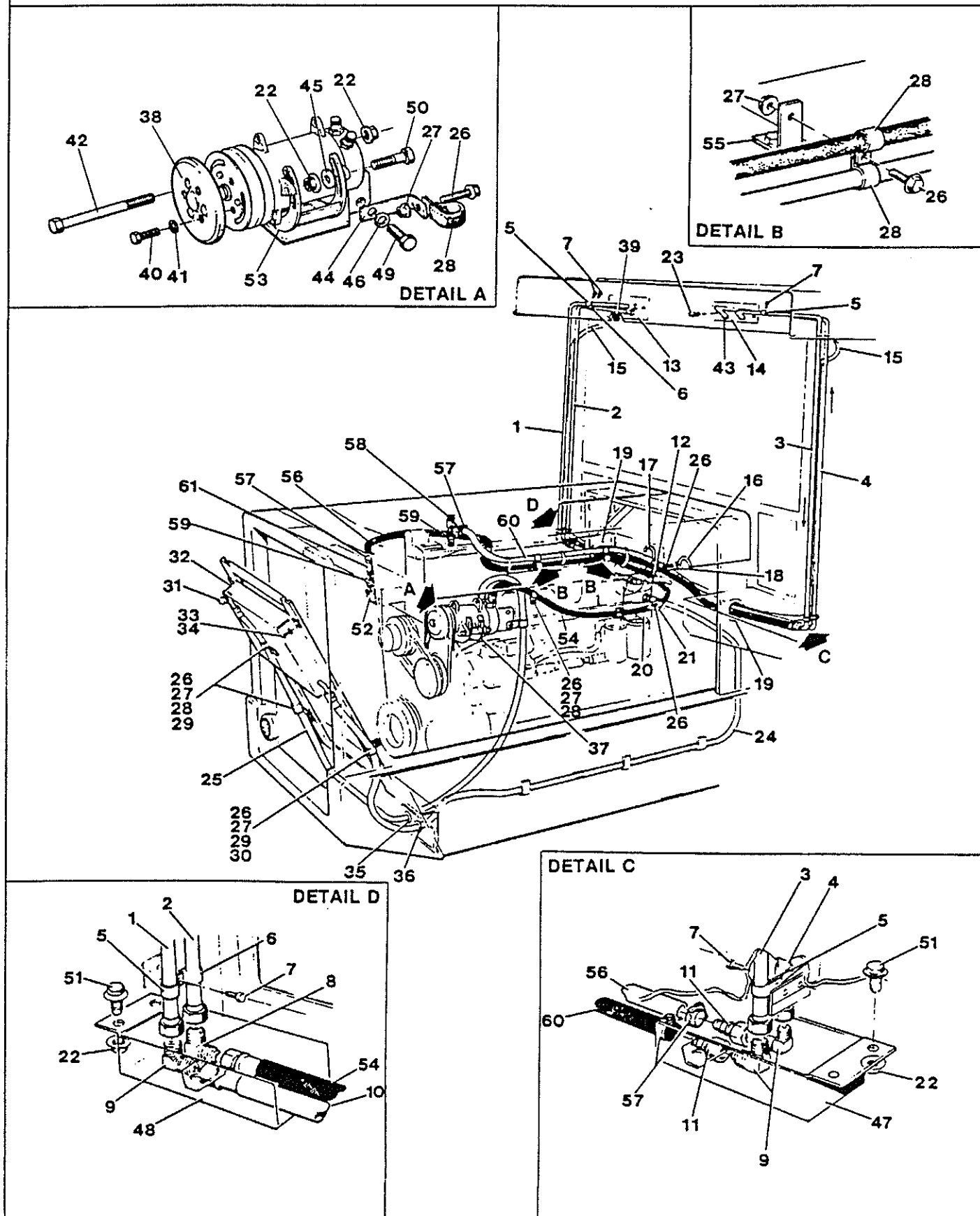
FIGURE 15B2 - AIR CONDITIONER PIPING 83-84
 KLIMAANLAGE ROHLEITUNGEN
 TUYAUTERIE DE CONDITIONNEMENT D'AIR
 TUBERIA DE ACONDICIONADOR DE AIRE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V27056		83-84/	1	Tube - Suction
2		V27057		83-84/	1	Tube - Pressure
3		V26977		83-84/	1	Tube - Heater Outlet
4		V26978		83-84/	1	Tube - Heater Inlet
5		V29382		83-84/	6	Clamp
6		V29383		83-84/	2	Clamp
7		V20466		83-84/	7	Screw - Self-Tapping Hex #8 - 18 x 1/2"
8		V291223V1		83-84/	1	Elbow - 45° Flare
9		V30142		83-84/	3	Elbow - 45° Flare
10		V30153		83-84/	1	Hose
11		V30132		83-84/	2	Hose - End Push On 5/8" SAE
12		V2748	3975863	83-84/	1	Tie - Nylon 1/4" x 5"
13		V30169		83-84/	1	Plate - Air Conditioning Tubes
14		V30183		83-84/	1	Plate - Heater Tubes
15		V30170		83-84/	2	Hose - Drain
16		V26976		83-84/	1	Trap - Evaporator Drain L.H.
17		V35641		83-84/	1	Trap - Evaporator Drain R.H.
18		V15741	1859740	83-84/	2	Clamp
19		V15619		83-84/	2	Grommet - 2-1/8" ID
20		V30080		83-84/	1	Dryer - Receiver
21		V26975		83-84/	1	Strap
22		V29803	3975610	83-84/	11	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
23		V30081	3975625	83-84/	4	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
24		V30156		83-84/	1	Hose Assembly - Air Conditioner
25		V63652		83-84/	1	Hose Assembly - Air Conditioner
26		V29804	3975611	83-84/	11	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
27		V29940	3975619	83-84/	7	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
28		V18399	1862293	83-84/	9	Clamp - Hose
29		V30427		83-84/	3	Bracket - Angle
30		V22032	1861440	83-84/	1	Clamp - Hose
31		V30377		83-84/	1	Switch - High Pressure
32		V27073		83-84/	1	Condenser
33		V12579	1861601	83-84/	4	Screw - Cap Hex 5/16" - 18 UNC x 1/2" - Replaces 12579P
34		V12087	1861067	83-84/	4	Washer - Lock Helical Spring 5/16" ID
35		V30428	1862330	83-84/	1	Grommet - 7/8" ID
36		V30320		83-84/	1	Grommet - 3/4" ID
37				83-84/	AR	Compressor - See Breakdown This Section
38		V55298	3976126	83-84/	1	Shield - Dust Compressor
39		V49532		83-84/	1	Grommet

AR - As Required

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FIGURE 15B2 - AIR CONDITIONER PIPING 83-84



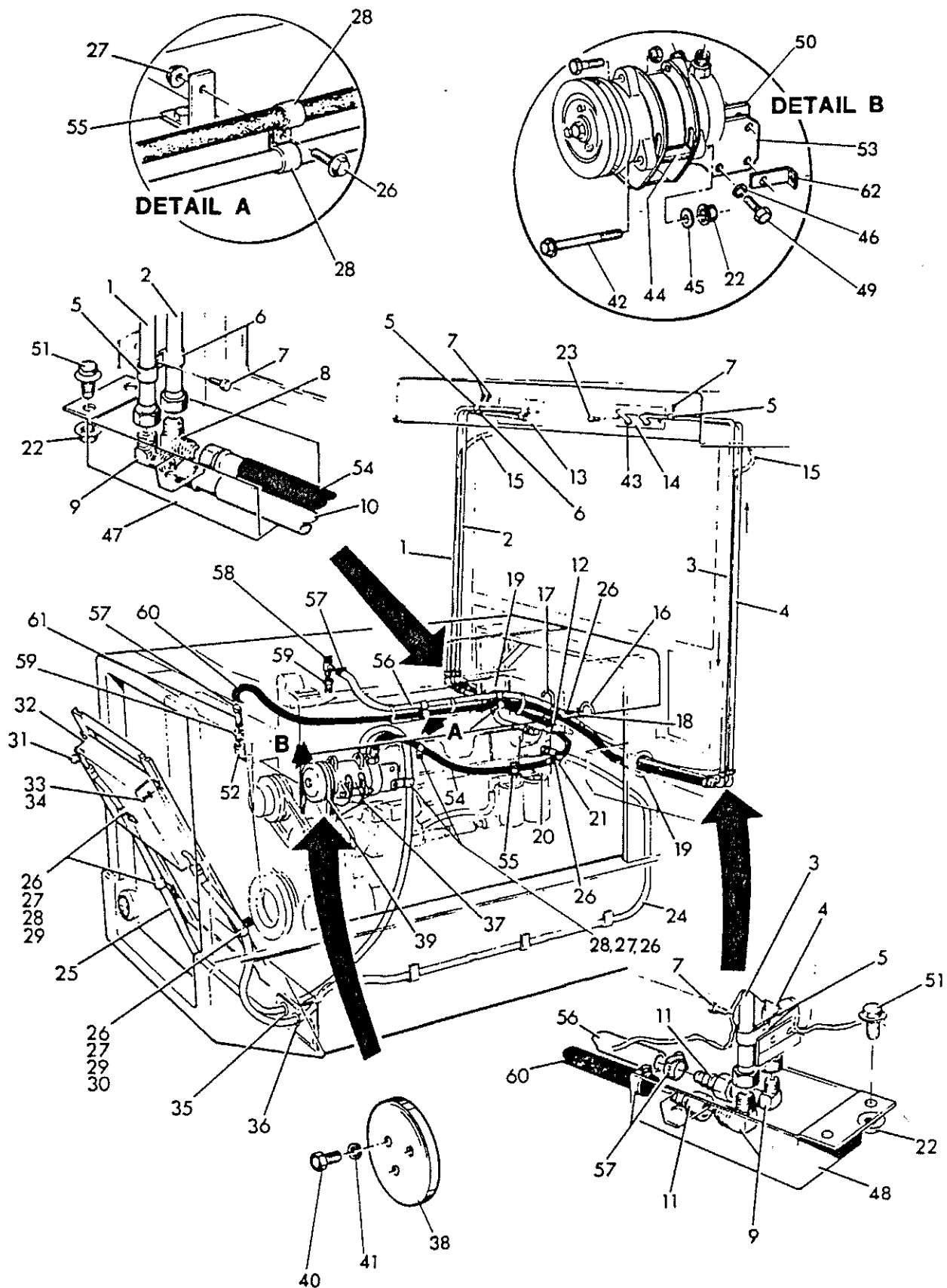
835 TRACTOR

FIGURE 15B2 - AIR CONDITIONER PIPING 83-84
 KLIMAANLAGE ROHLEITUNGEN
 TUYAUTERIE DE CONDITIONNEMENT D'AIR
 TUBERIA DE ACONDICIONADOR DE AIRE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
40		V12367	1861123	83-84/	3	Screw - Cap Hex 1/4" - 20 UNC x 5" - Replaces 12367P
41		V84507	3977387	83-84/	3	Washer - Lock External Tooth 1/4" ID - Replaces 20301
42		V17244	1862266	83-84/	1	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 5" - Replaces 17244P
43		V17454		83-84/	2	Clamp - Hose 1-1/8" - 9/16" Max/Min Dia
44		V63628		83-84/	1	Bracket - Hose Clamp
45		V47360		83-84/	2	Washer - Plain 13/32" ID x 13/16" OD x 13 GA
46		V12011	3975908	83-84/	4	Washer - Lock Helical Spring 3/8" ID
47		V29965		83-84/	1	Guard - R.H.
48		V29966		83-84/	1	Guard - L.H.
49		V12038	1861603	83-84/	4	Screw - Cap Hex 3/8" - 16 UNC x 1-1/4"
50		V12038	1861603	83-84/	2	Screw - Cap Hex 3/8" - 16 UNC x 1-1/4" - Replaces 12038P
51		V29892	3975613	83-84/	10	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
52		V26196		83-84/	1	Elbow - 1/2" NPT 90°
53		V67283		83-84/	1	Bracket - Compressor Mounting
54		V63653		83-84/	1	Hose Assembly - Air Conditioner
55		V30426	1862301	83-84/	2	Bracket - Angle
56		V26971		83-84/	1	Hose - 5/8" ID Pressure
57		V13021	3975961	83-84/	4	Clamp
58		V9715417	9715417	83-84/	1	Valve - Shutoff - Replaces 21195
59		V21197	1862299	83-84/	2	Bushing - 1/2" NPT x 3/8"
60		V8860005		83-84/	1	Hose - 5/8" ID Suction - Replaces 30161
61		V21198		83-84/	1	Adaptor - Hose 3/8" NPT x 5/8"

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FIGURE 15B3 - AIR CONDITIONER PIPING 81-83



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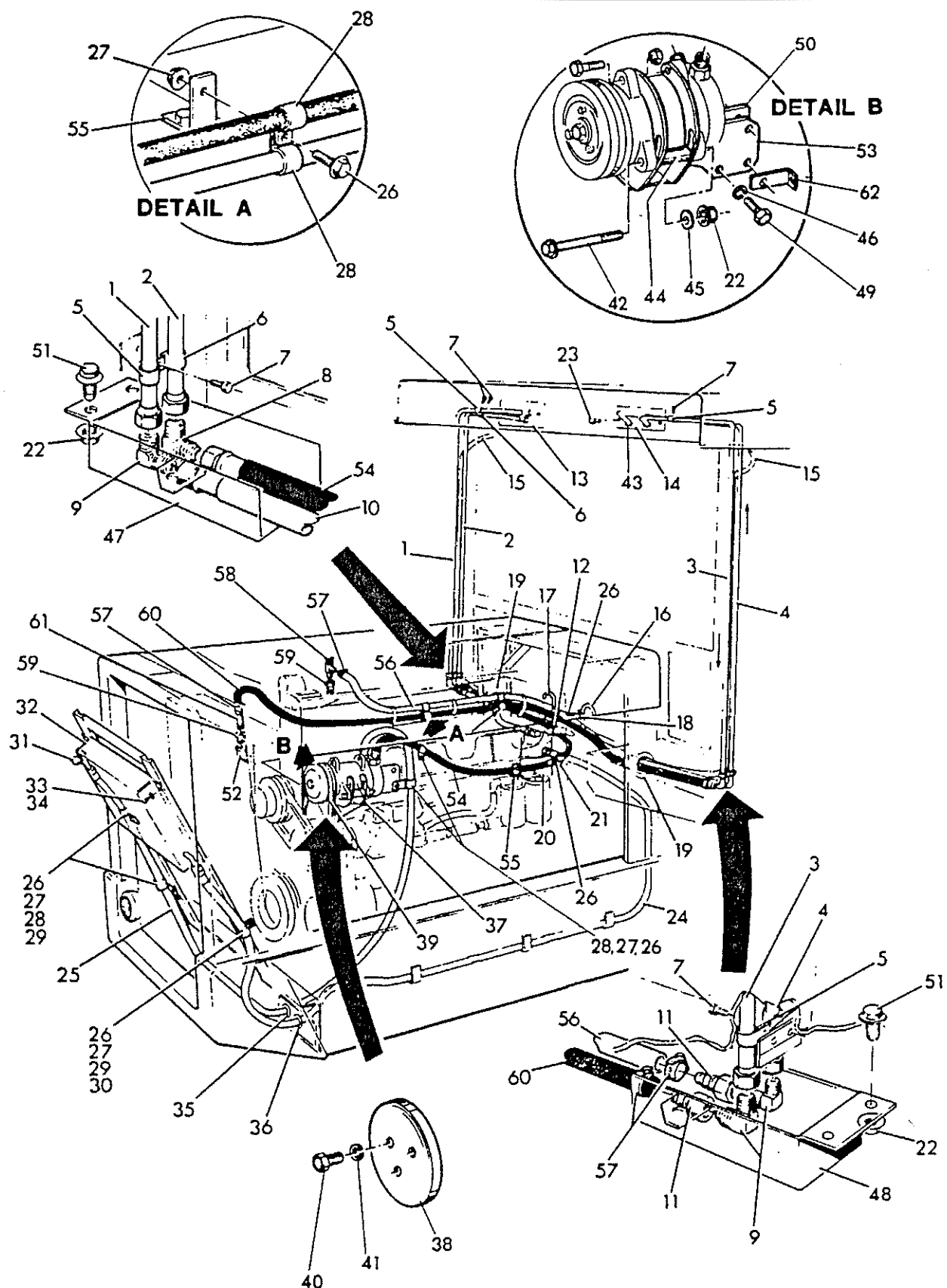
FIGURE 15B3 - AIR CONDITIONER PIPING 81-83
 KLIMAANLAGE ROHLEITUNGEN
 TUYAUTERIE DE CONDITIONNEMENT D'AIR
 TUBERIA DE ACONDICIONADOR DE AIRE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V27056		81-83/	1	Tube - Suction
2		V27057		81-83/	1	Tube - Pressure
3		V26977		81-83/	1	Tube - Heater Outlet
4		V26978		81-83/	1	Tube - Heater Inlet
5		V29382		81-83/	6	Clamp
6		V29383		81-83/	2	Clamp
7		V20466		81-83/	7	Screw - Self Tapping
8		V291223V1		81-83/	1	Elbow - 45° Flare
9		V30142		81-83/	3	Elbow - 45° Flare
10		V30153		81-83/	1	Hose
11		V30132		81-83/	2	Hose - End Push On 5/8" SAE
12		V2748	3975863	81-83/	1	Tie - Nylon 1/4" x 5"
13		V30169		81-83/	1	Plate - Air Conditioning Tubes
14		V30183		81-83/	1	Plate - Heater Tubes
15		V30170		81-83/	2	Hose - Drain
16		V26976		81-83/	1	Trap - Evaporator Drain L.H.
17		V35641		81-83/	1	Trap - Evaporator Drain R.H.
18		V15741	1859740	81-83/	2	Clamp
19		V15619		81-83/	2	Grommet - 2-1/8" ID
20		V30080		81-83/	1	Dryer - Receiver
21		V26975		81-83/	1	Strap
22		V29803	3975610	81-83/	6	Nut - Flange - Hex Serrated 3/8" - 16 UNC - Replaces 29803P
23		V30081	3975625	81-83/	4	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 1/2" - Replaces 30081P
24		V30156		81-83/	1	Hose Assembly - Air Conditioner
25		V63652		81-83/	1	Hose Assembly - Air Conditioner
26		V29804	3975611	81-83/	8	Screw - Flange - Hex Serrated 1/4" - 20 UNC x 3/4" - Replaces 29804P
27		V29940	3975619	81-83/	8	Nut - Flange - Hex Serrated 1/4" - 20 UNC - Replaces 29940P
28		V18399	1862293	81-83/	9	Clamp - Hose
29		V30427		81-83/	3	Bracket - Angle
30		V22032	1861440	81-83/	1	Clamp - Hose
31		V30377		81-83/	AR	Switch - High Pressure
32		V27073		81-83/	1	Condenser
33		V12579	1861601	81-83/	4	Screw - Cap Hex 5/16" - 18 UNC x 1/2" - Replaces 12579P
34		V12087	1861067	81-83/	4	Washer - Lock Helical Spring 5/16"
35		V30428	1862330	81-83/	1	Grommet - .88 ID
36		V30320		81-83/	1	Grommet - .75 ID
37		V63456		81-83/	1	Compressor
38		V55298		81-83/	1	Shield - Dust Compressor
39		V20974		81-83/	1	Belt - Matched Set Compressor Drive
40		V12367	1861123	81-83/	3	Screw - Cap Hex 1/4" - 20 UNC x 5" - Replaces 12367P
41		V84507	3977387	81-83/	3	Washer - Lock External Tooth 1/4" ID - Replaces 20301
42		V17244	1862266	81-83/	2	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 5" - Replaces 17244P

AR - As Required

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FIGURE 15B3 - AIR CONDITIONER PIPING 81-83



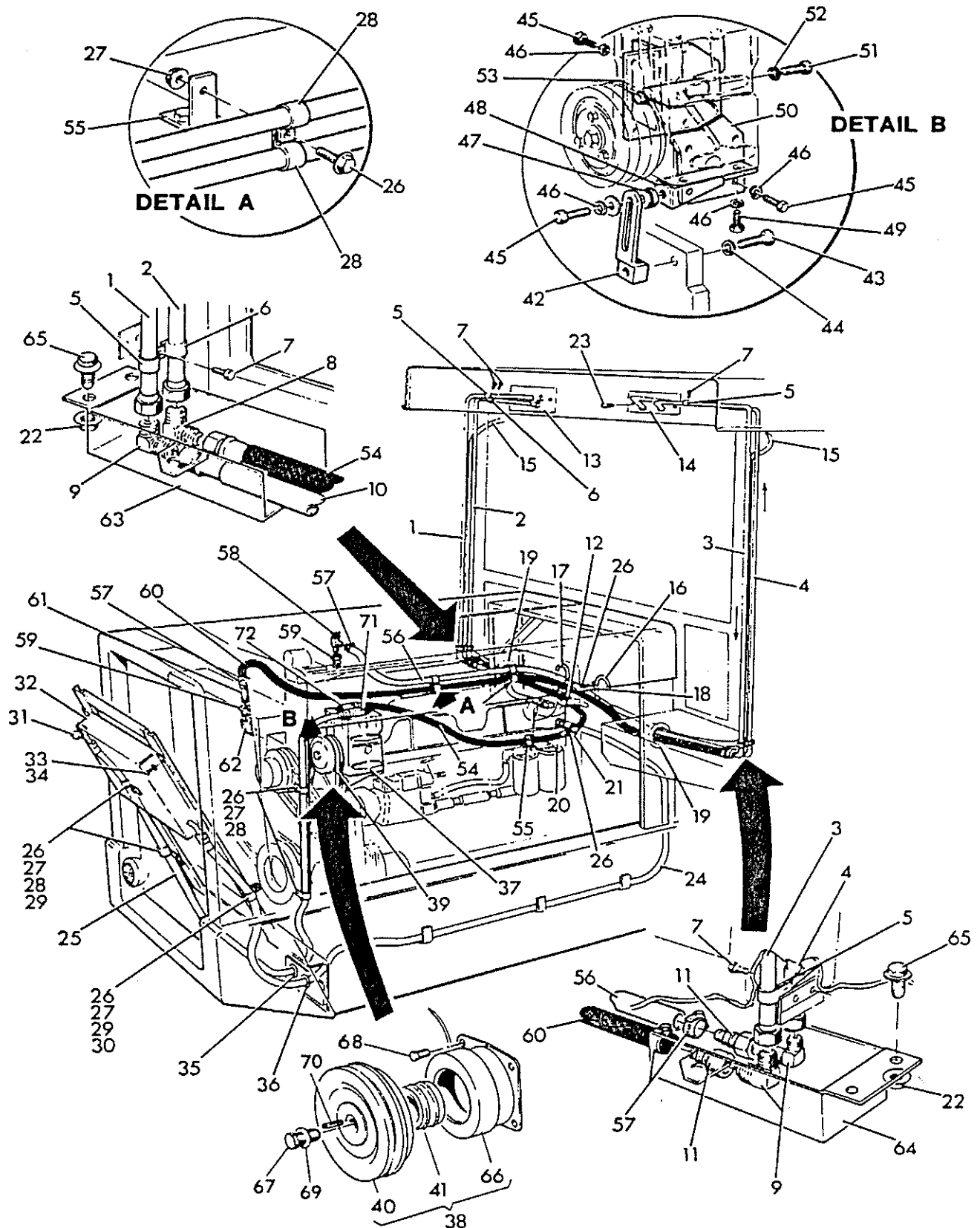
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FIGURE 15B3 - AIR CONDITIONER PIPING 81-83
 KLIMAANLAGE ROHLEITUNGEN
 TUYAUTERIE DE CONDITIONNEMENT D'AIR
 TUBERIA DE ACONDICIONADOR DE AIRE

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
43		V17454		81-83/	2	Clamp - Hose 1-1/8" - 9/16" Max/Min Dia
44		V63511		81-83/	2	Spacer - Compressor
45		V47360	3975822	81-83/	2	Washer - Plain 3/8" ID
46		V12011	3975908	81-83/	4	Washer - Lock Helical Spring 3/8" ID
47		V29965		81-83/	1	Guard - R.H.
48		V29966		81-83/	1	Guard - L.H.
49		V12038	1861603	81-83/	4	Screw - Cap Hex 3/8" - 16 UNC x 1-1/4"
50		V66629		81-83/	1	Spacer - Compressor Bracket
51		V29892	3975613	81-83/	10	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
52		V26196		81-83/	1	Elbow - 1/2" NPT 90°
53		V67283		82-83/	1	Bracket Welded Assembly - Compressor Mounting
		V63614		81/	1	Bracket Welded Assembly - Compressor Mounting
54		V63653		81-83/	1	Hose Assembly - Air Conditioner
55		V30426	1862301	81-83/	3	Bracket - Angle
56		V26971		81-83/	1	Hose - 5/8" ID Pressure
57		V13021	3975961	81-83/	4	Clamp
58		V9715417	9715417	81-83/	1	Valve - Shutoff - Replaces 21195
59		V21197	1862299	81-83/	2	Bushing - 1/2" NPT x 3/8"
60		V8860005		81-83/	1	Hose - 5/8" ID Suction - Replaces 30161
61		V21198		81-83/	1	Adaptor - Hose 3/8" NPT x 5/8"
62		V63628		81-83/	1	Bracket - Hose Clamp
63		V12038	1861603	81-83/	1	Screw - Cap Hex 3/8" - 16 UNC x 1-1/4" - Replaces 12038P

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FIGURE 15B4 - AIR CONDITIONER PIPING 78-80



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FIGURE 15B4 - AIR CONDITIONER PIPING 78-80
 KLIMAANLAGE ROHLEITUNGEN
 TUYAUTERIE DE CONDITIONNEMENT D'AIR
 TUBERIA DE ACONDICIONADOR DE AIRE

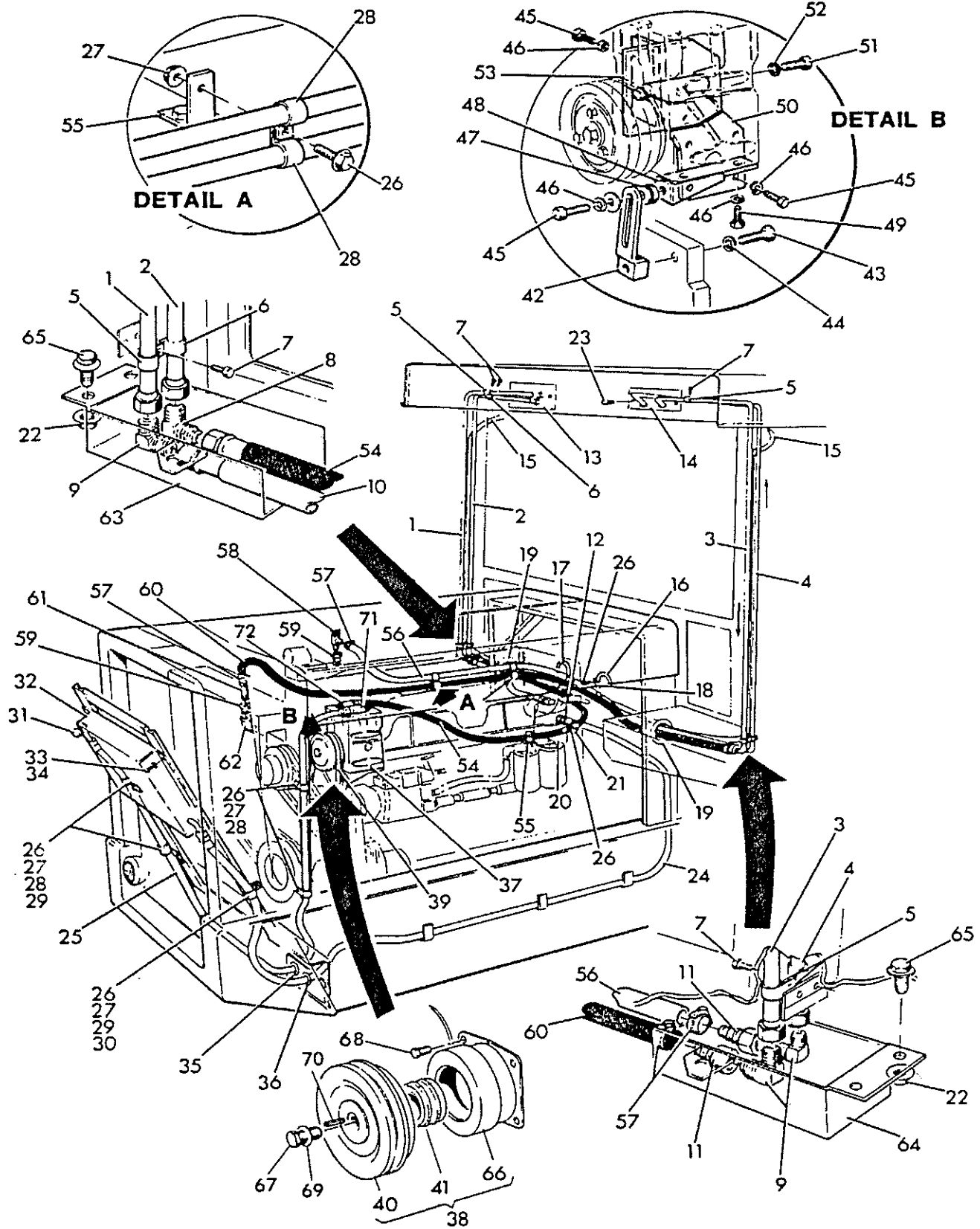
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V27056		78-80/	1	Tube - Suction - Replaces TR-27056
2		V27057		78-80/	1	Tube - Pressure - Replaces TR-27057
3		V26977		78-80/	1	Tube - Heater Outlet
4		V26978		78-80/	1	Tube - Heater Inlet
5		V29382		78-80/	6	Clamp
6		V29383		78-80/	2	Clamp
7		V20466		78-80/	7	Screw - Self-Tapping
8		V291223V1		80/	1	Elbow - 45° Flare
		V30141		78-79/	1	Elbow - 45° Flare
9		V30142		78-80/	3	Elbow - 45° Flare
10		V30153		78-80/	1	Hose
11		V30132		78-80/	2	Hose - End Push On 5/8" SAE
12		V2748	3975863	78-80/	1	Tie - Nylon 1/4" x 5" - Replaces SW-2748
13		V30169		78-80/	1	Plate - Air Conditioning Tubes
14		V30183		78-80/	1	Plate - Heater Tubes
15		V30170		78-80/	2	Hose - Drain
16		V26976		78-80/	1	Trap - Evaporator Drain L.H.
17		V35641		78-80/	1	Trap - Evaporator Drain R.H.
18		V15741	1859740	78-80/	2	Clamp
19		V15619		78-80/	2	Grommet - 2-1/8" ID
20		V30080		78-80/	1	Dryer - Receiver
21		V26975		78-80/	1	Strap - Replaces TR-26975
22		V29803	3975610	78-80/	4	Nut - Serrated Washer Head 3/8" NC - Replaces 29803P
23		V30081	3975625	78-80/	4	Bolt - Serrated Washer Head 1/4" x 1/2" - Replaces 30081P
24		V30156		78-80/	1	Hose - Air Conditioner
25		V31071		78-80/	1	Hose - Air Conditioner
26		V29804	3975611	78-80/	8	Bolt - Serrated Washer Head 1/4" x 3/4" - Replaces 29804P
27		V29940	3975619	78-80/	8	Nut - Serrated Washer Head 1/4" - Replaces 29940P
28		V18399	1862293	78-80/	9	Clamp - Hose
29		V30427		78-80/	3	Bracket - Angle - Replaces TR-30427
30		V22032	1861440	78-80/	1	Clamp - Hose
31		V30377		78-80/	AR	Switch - High Pressure - Refer to Section F-8
32		V27073		78-80/	1	Condenser
33		V12579	1861601	78-80/	4	Bolt - 5/16" x 1/2" - Replaces 12579P
34		V12087	1861067	78-80/	4	Washer - Lock 5/16" - Replaces 12087P
35		V30428	1862330	78-80/	1	Grommet - .88 ID
36		V30320		78-80/	1	Grommet - .75 ID
37		V96285		78-80/	1	Compressor - Replaces 17905
38		V19107		78-80/	1	Clutch Compressor Complete Assembly Includes: 40, 41 & 66
39		V22925		78-80/	1	Belt - Compressor Drive
40	NS	V20679		78-80/	1	Rotor

AR - As Required

NS - Not Serviced

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FIGURE 15B4 - AIR CONDITIONER PIPING 78-80



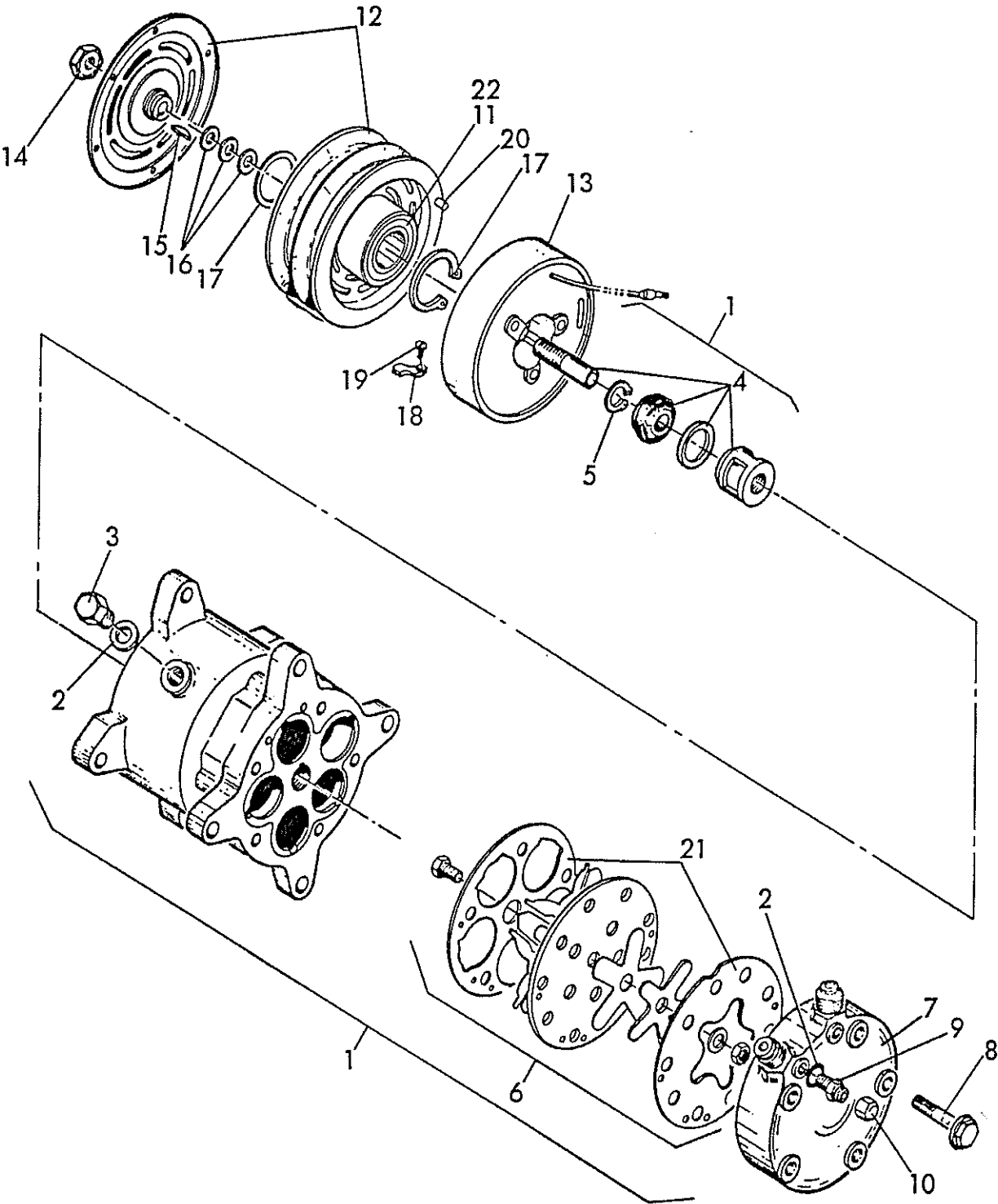
835 TRACTOR

FIGURE 15B4 - AIR CONDITIONER PIPING 78-80
 KLIMAANLAGE ROHLEITUNGEN
 TUYAUTERIE DE CONDITIONNEMENT D'AIR
 TUBERIA DE ACONDICIONADOR DE AIRE

REF	FI.	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
41		V20680		78-80/	1	Bearing
42		V22989	3975621	78-80/	1	Link - Compressor Adjusting - Replaces TRA-22989
43		V12679		78-80/	1	Bolt - 7/16" NC x 2-1/4" Long
44		V12091	3975920	78-80/	1	Washer - Lock 7/16"
45		V13006	3975959	78-80/	9	Bolt - 3/8" NC x 1 Long
46		V12011	3975908	78-80/	11	Washer - Lock 3/8"
47		V18603	3976001	78-80/	4	Washer - Flat 3/8"
48		V23757		78-80/	1	Bracket - Adjusting Link
49		V76296		78-80/	2	Bolt - 3/8" NC x 1-1/4" Long - Replaces 13007 13007
50		V23758		78-80/	1	Support - Compressor
51		V12900		78-80/	2	Bolt - 1/2" NC x 1-1/4" Long
52		V12007	3975906	78-80/	2	Washer - Lock 1/2"
53		V22991		78-80/	1	Bracket - Freon Compressor - Replaces TRA-22991
54		V31072		78-80/	1	Hose Assembly
55		V30426	1862301	78-80/	3	Bracket - Angle - Replaces TR-30426
56		V26971		78-80/	1	Hose - 5/8" ID Pressure
57		V13021	3975961	80/	4	Clamp
		V17454		78-79/	4	Clamp
58		V9715417	9715417	78-80/	1	Valve - Shut-Off - Replaces 21195
59		V21197	1862299	78-80/	2	Bushing - 1/2" x 3/8"
60		V8860005		78-80/	1	Hose - 5/8" ID Suction - Replaces 30161
61		V21198		78-80/	1	Adapter - 3/8" NPT x 5/8" Hose
62		V26196		78-80/	1	Elbow - 1/2" x 90°
63		V29965		78-80/	1	Guard - Right - Replaces TRA-29965
64		V29966		78-80/	1	Guard - Left - Replaces TRA-29966
65		V29892	3975613	78-80/	4	Bolt - Serrated Washer 3/8" x 3/4" - Replaces 29892P
66		V19107		78-80/	1	Field - Coil - Replaces 20678
67		V54383		80/	1	Screw - Cap Hex 5/16" - 24 UNF x 2"
68		V54382		80/	4	Screw - Spinlock w/Nylock 1/4" - 20 UNC x 7/8"
69		V54381		80/	1	Washer - 11/13" ID x 3/4" OD x 9 GA
70		V52718		80/	1	Key - Shaft #6 Non-Rok
71		V18246		80/	1	Valve - Service Rotolock R.H. 1/2"
72		V18247		80/	1	Valve - Service Rotolock R.H. 5/8"
		V18244		80/	1	Kit - Valve Plate Assembly
		V18245		80/	1	Kit - Seal Assembly
		V18251		80/	1	Kit - Gasket
		V31030		81/	1	Kit - Seal Assembly

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FIGURE 15B5 - COMPRESSOR 83-84



835 TRACTOR

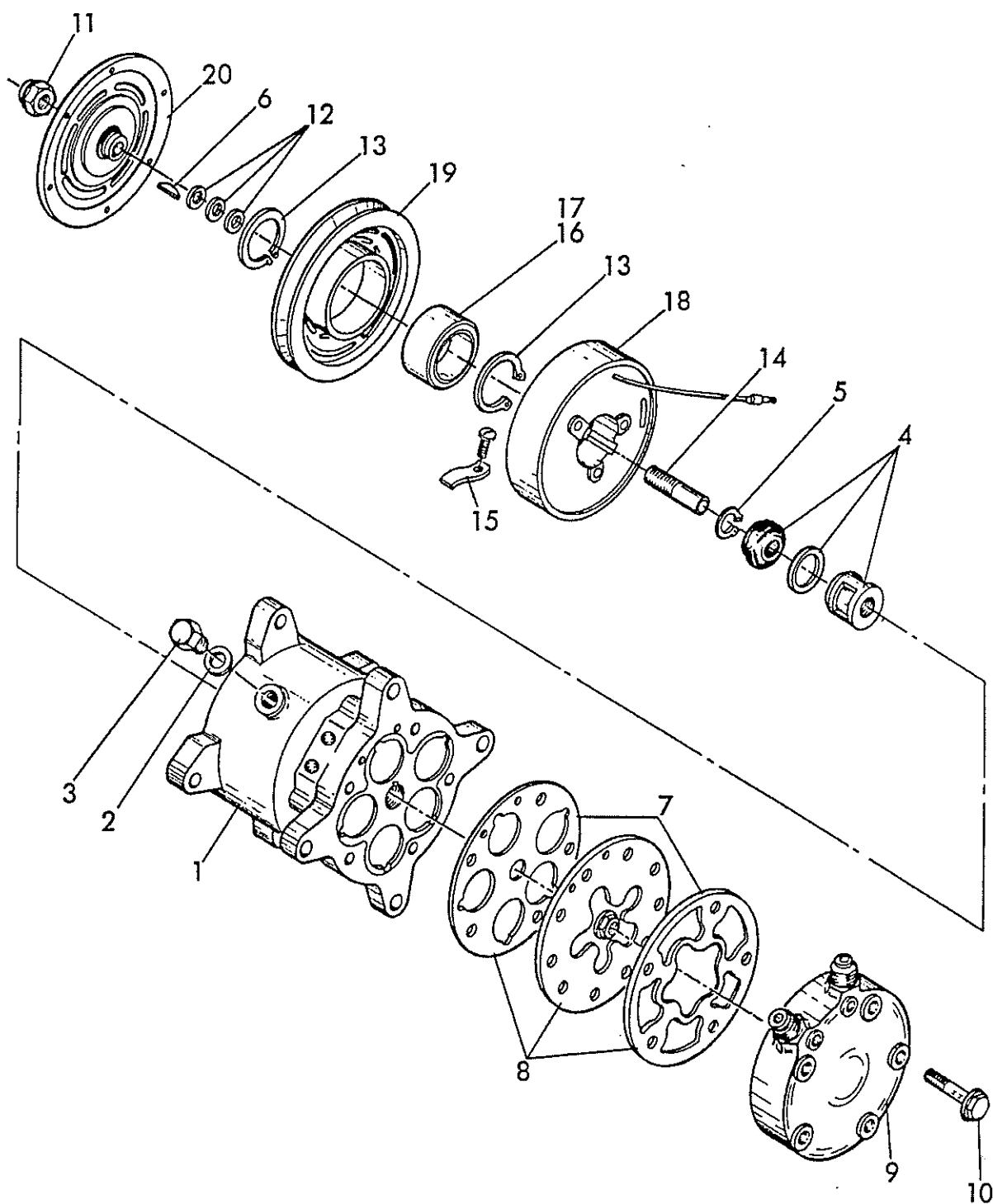
FIGURE 15B5 - COMPRESSOR 83-84
KOMPRESSOR
COMPRESSEUR
COMPRESOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V63456		83-84/	1	Compressor & Pulley
		V63093		83-84/	1	Compressor Assembly - w/o Clutch Includes: 2-10
2		V33767	3975642	83-84/	3	O-Ring
3		V33768	3975643	83-84/	1	Plug - Oil Filler
4		V67029	3976301	83-84/	1	Kit - Seal w/Felt Ring Viton
5		V33765	3975641	83-84/	1	Ring - Snap Seal Seat
6		V33770	3975645	83-84/	1	Valve Plate Assembly - w/Gaskets
7		V67019		83-84/	1	Head - Cylinder Flare w/Gaskets
8		V33774		83-84/	5	Screw - Flare Cylinder Head - Replaces 67020
9		V69274		83-84/	2	Port - Service
10		V69275		83-84/	2	Cap - Service Port
		V55302	3976127	83-84/	1	Pulley Assembly Includes: 11-13
11		V69276	3975398	83-84/	1	Bearing - Double Row Includes: 22
12		V55332	3976182	83-84/	1	Plate - Clutch Includes: 11
13		V55333	3976128	83-84/	1	Coil - Field 5.25 Dia 12V
		V33780		83-84/	1	Kit - Accessory - Replaces 67028 Includes: 14-20
14				83-84/	1	Nut
15		V33778		83-84/	1	Key - Shaft
16				83-84/	AR	Shims
17				83-84/	2	Rings - Retaining
18				83-84/	1	Clamp - Coil Lead Wire w/Screw
19				83-84/	1	Screw - Retaining
20				84/	1	Pin
21		V33769	3975644	84/	AR	Kit - Gasket Includes: Cylinder Head & Valve Plate Gaskets
22		V55336	3976129	84/	1	Cover - Dust Rotor Bearing

AR - As Required

835 TRACTOR

FIGURE 15B6 - COMPRESSOR 81-83



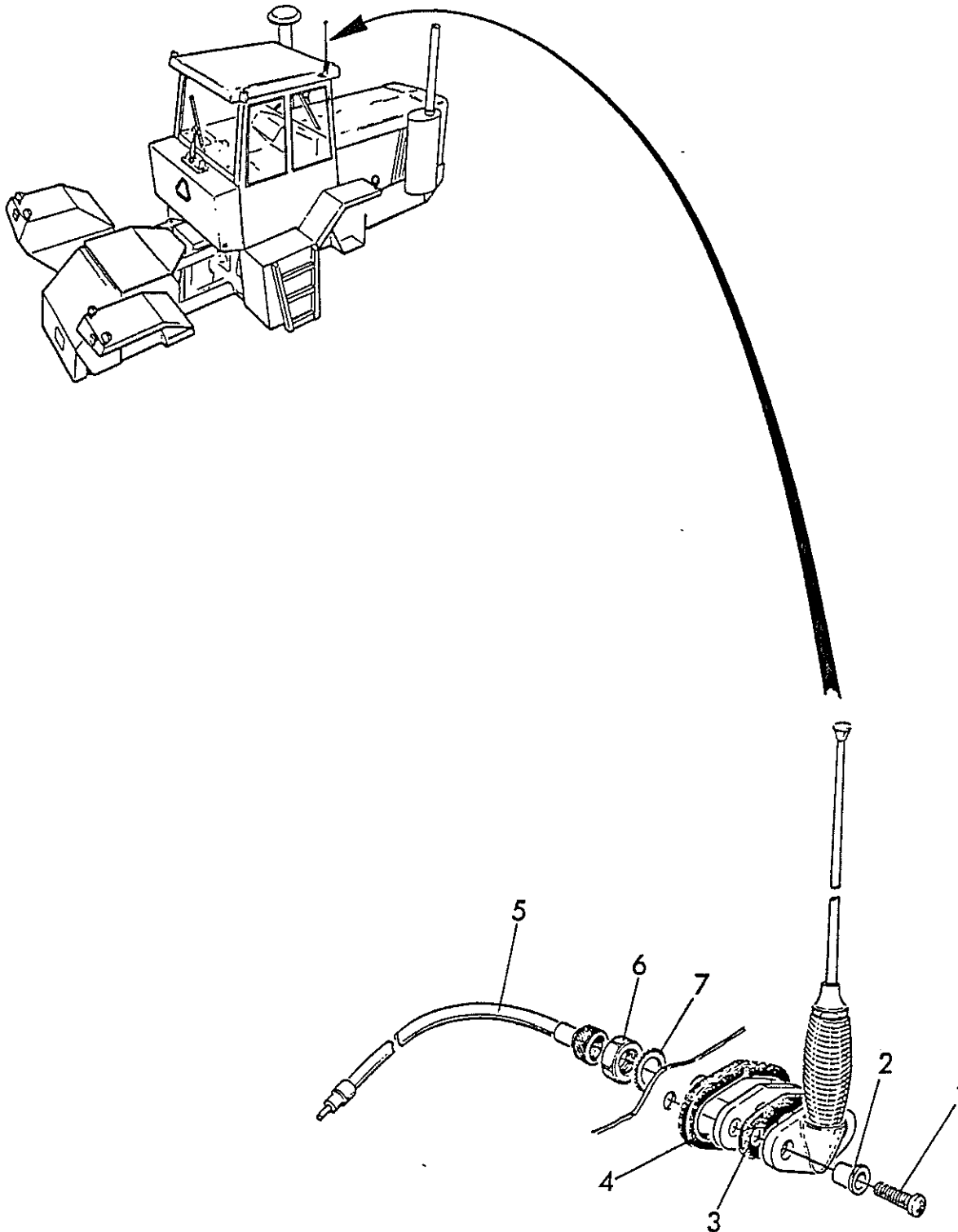
835 TRACTOR

FIGURE 15B6 - COMPRESSOR 81-83
KOMPRESSOR
COMPRESSEUR
COMPRESOR

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V63456		81-83/	1	Compressor & Pulley Assembly
		V63093		81-83/	1	Compressor Assembly - w/o Clutch - Replaces 67015
2		V33767	3975642	81-83/	1	O-Ring - Oil Filler Plug - Replaces 67031
3		V33768	3975643	81-83/	1	Plug - Oil Filler - Replaces 67017
4		V67029	3976301	81-83/	1	Kit - Seal w/Felt Ring Viton
5		V33765	3975641	81-83/	1	Kit - Snapping Seal - Replaces 67016
6		V33778		81-83/	1	Key - Shaft - Replaces 67021
7		V67030		81-83/	1	Kit - Gasket Cylinder Head & Valve Plate
8		V33770	3975645	81-83/	1	Valve Plate Assembly - Replaces 67018 Includes: Gaskets
9		V67019		81-83/	1	Head - Cylinder Flare Includes: Gasket
10		V33774		81-83/	5	Screw - Flare Cylinder Head - Replaces 67020
		V33780		81-83/	1	Kit - Parts - Replaces 67028 Replaces 11-16
11				81-83/	1	Nut
12				81-83/	1	Key
13				81-83/	3	Shims
14				81-83/	2	Snapping
15				81-83/	1	Screw - Retainer
16				81-83/	1	Clamp - Coil Lead Wire w/Screw
17		V69276	3975398	81-83/	1	Bearing - 2 Bearings w/Dust Cover - Replaces 67023
18				81-83/	1	Cover - Dust Bearing
19		V67025		81-83/	1	Coil - Field 5.25 Dia 12V
20		V67022		81-83/	1	Pulley - Rotor & Front Plate Includes: Bearing
21		V55302	3976127	81-83/	1	Clutch Assembly - Replaces 67026 Includes: Counterweight

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FIGURE 15C1 - ANTENNA



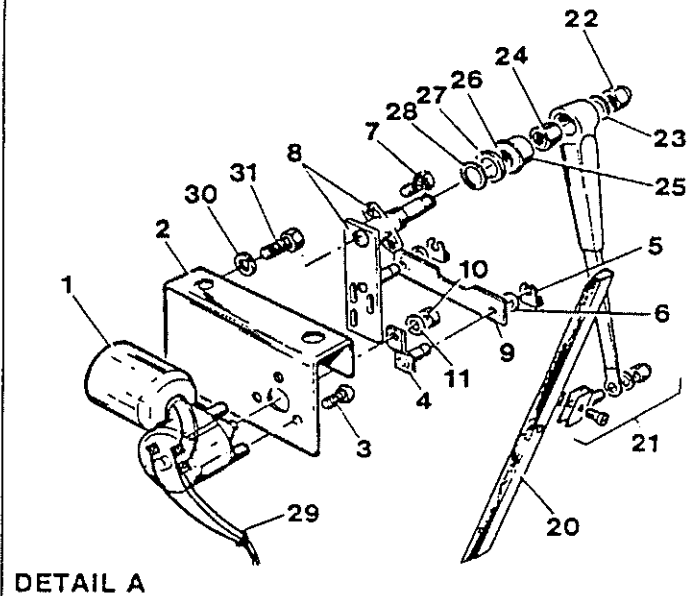
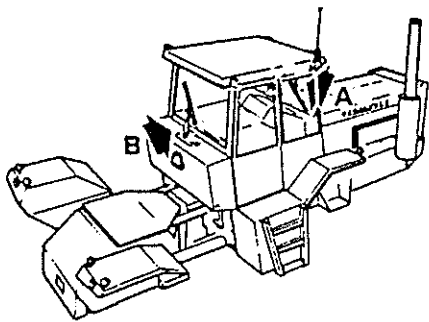
835 TRACTOR

FIGURE 15C1 - ANTENNA
ANTENNE
ANTENNE
ANTENA

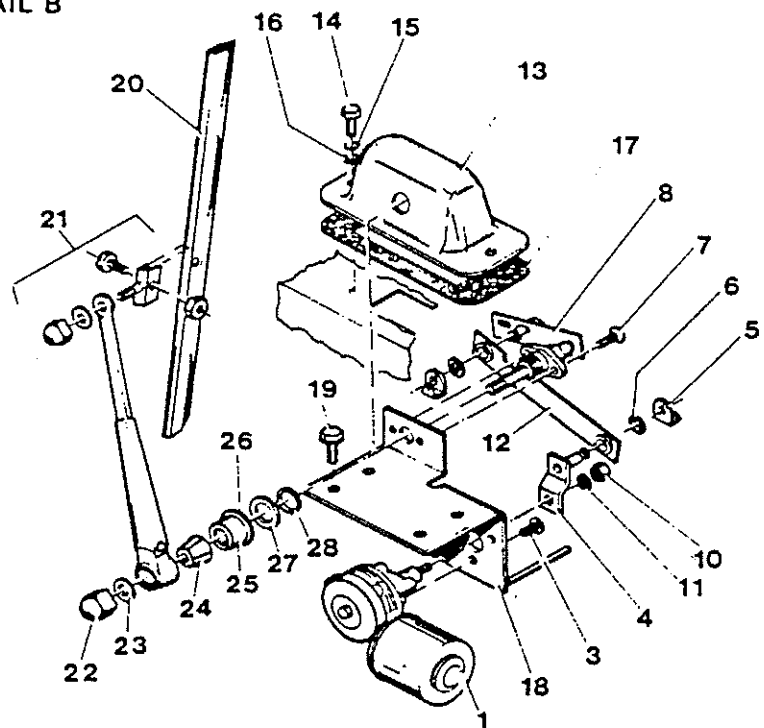
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V47614	1862468	78-84/	1	Antenna Assembly
		V50373		78-84/	2	Includes: 1-7 Screw - Round Head Phillips 1/4" - 20 UNC x 1"
		V54025		78-84/	2	Bushing
		V54026		78-84/	1	Gasket
		V54027		78-84/	1	Seal
		V54028	1862469	78-84/	1	Cable
		V50374	1862470	78-84/	1	Nut - Jam 7/16" - 14 UNC
7		V14589	1862471	78-84/	1	Washer - Lock External Tooth 1/2" ID - Replaces 14589P

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FIGURE 15D1 - WINDSHIELD WIPERS



DETAIL B



835 TRACTOR

FIGURE 15D1 - WINDSHIELD WIPERS
SCHEIBENWISCHER
ESSUIE-GLACE
LIMPIAVIDRIOS

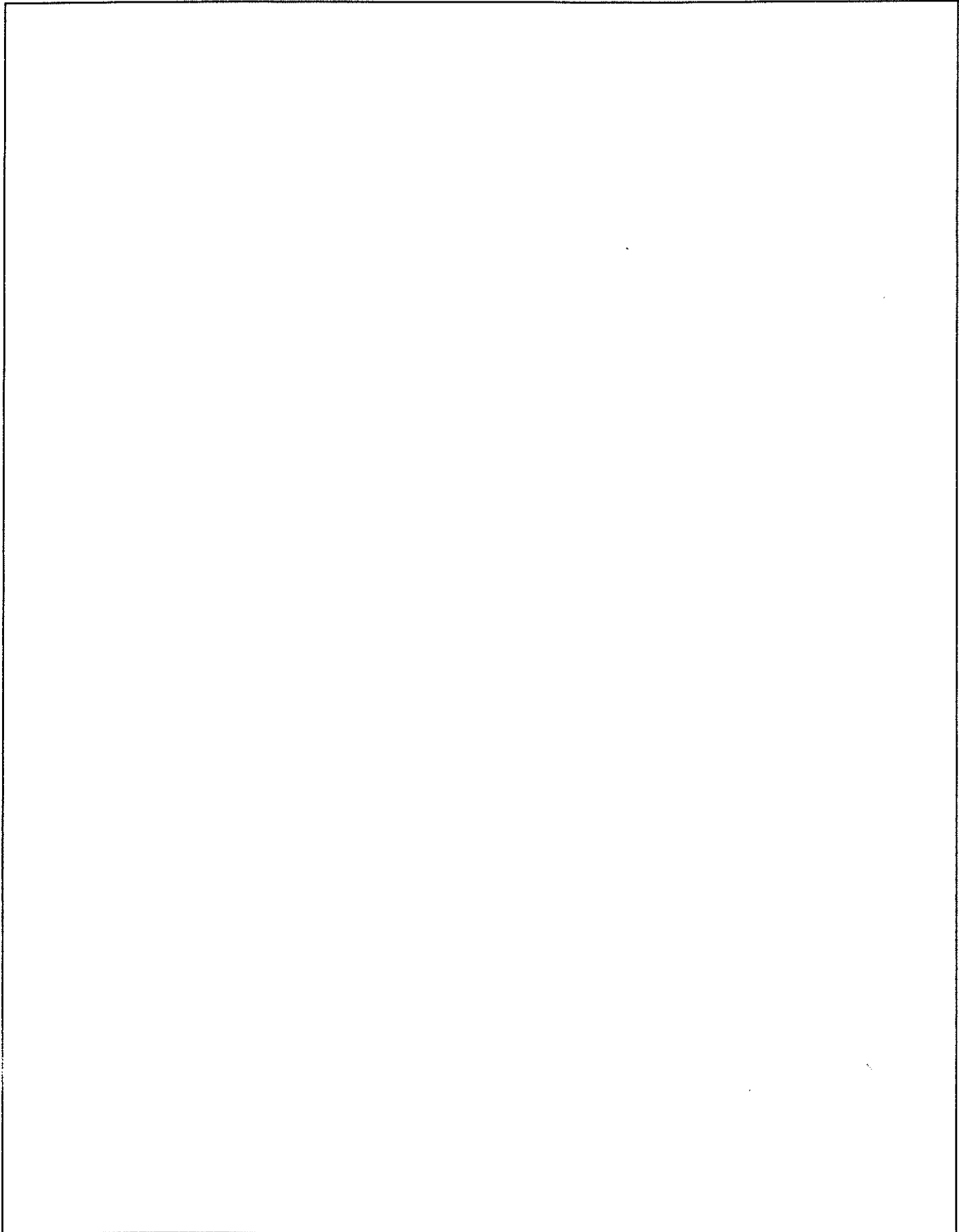
REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V58063	1862453	78-84/	2	Motor - Replaces 22521 & 41924
2		V23558	3975580	78-84/	1	Bracket - Front Wiper
3		V23559	3975581	78-84/	6	Screw - Fastening
4		V23560	1862447	78-84/	2	Arm - Drive
5		V23561	3975582	78-84/	4	Spring - Cup
6		V23576	3975591	78-84/	4	Washer - Spacer Wiper Kit
7		V23572	3975590	78-84/	4	Screw
8		V23564	1862452	78-84/	2	Pivot Arm & Shaft Assembly
9		V23565	3975585	78-84/	1	Link - Connecting
10		V23563	3975584	78-84/	2	Nut
11	NS	V23562	3975583	78-84/	2	Washer - Wiper Kit
		V41843		78-84/	1	Motor Assembly - Wiper Rear Windshield Includes: 1, 3-8 & 12-21
12		V52825	1862450	78-84/	1	Arm Assembly - Linkage
13		V41845		78-84/	1	Plate - Cover
14		V12012		78-84/	2	Screw - Cap Hex 3/8" - 16 UNC x 3/4" - Replaces 12012P
15		V12011		78-84/	2	Washer - Lock Helical Spring 3/8" ID - Replaces 12011P
16				78-84/	2	Washer - Plain 13/32" ID x 3/4" OD x 1/16"
17		V41844		78-84/	1	Gasket - Cover Plate
18		V41847		78-84/	1	Bracket - Rear Wiper
19		V29892	3975613	78-84/	4	Screw - Flange - Hex Serrated 3/8" - 16 UNC x 3/4" - Replaces 29892P
20		V18222	1862441	78-84/	2	Blade - Heavy Duty 17"
21		V18223	1862456	78-84/	2	Arm - Wiper w/Attaching Hardware 18"
22		V23570		78-84/	2	Nut
23		V86241	3977776	84/	2	Washer - Lock Internal Tooth 5/16" ID
		V12812		78-83/	2	Washer - 16 GA
24		V23569	3975588	78-84/	2	Driver - Knurled
25		V23568	3975587	78-84/	2	Cap
26		V23571	3975589	78-84/	2	Nut - Wiper Kit
27		V41915		81-84/	2	Washer - Flat 20/21" ID x 1-1/2" OD x 1/16"
		V12812		78-80/	2	Washer
28		V41916		81-84/	2	Washer - Flat 20/21" ID x 1-1/2" OD x 3/64"
		V41846		78-80/	2	Washer - Fibre
29		V58059		81-84/	1	Wiring Assembly - Front Wiper Motor
30	(1)	V12004	3975905	83-84/	3	Washer - Lock Helical Spring 1/4" ID - Replaces 12004P
31	(1)	V16449		83-84/	3	Screw - Cap - Hex Grade 5 1/4" - 28 UNF x 1/2" - Replaces 16449P
		V52904		80-84/	AR	Kit - Wiper Rear Window - Replaces 41843

(1) - ASN 83036768

AR - As Required

NS - Not Serviced

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SECTION 16 - DECALS
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SECTION 16 - DÉCALCOMANIE
SECCION 16 - CALCOMANIA

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FIGURE 16A1 - DECALS 83-84
ABZIEHBILD
DÉCALCOMANIE
CALCOMANIA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
		V77780		83-84/	1	Decals - 835 Includes: 1-20
1		V86312		83-84/	2	Decal - Versatile
2		V76992		83-84/	2	Decal - 835
3		V78046		83-84/	1	Decal - L.H. Rear
4		V84314		83-84/	1	Decal - Small Versatile
5		V15999	1862492	83-84/	1	Emblem - SMV
6		V910T107		83-84/	1	Decal - Drawbar
7		V36250		83-84/	2	Decal - Swing Frame
8		V30497		83-84/	2	Decal - Greasing
9		V49145		83-84/	1	Decal - Greasing
10		V78085		83-84/	1	Decal - Door
11		V78047		83-84/	1	Decal - L.H. Front
12		V36249	1862516	83-84/	1	Decal - Window Exit
	NS	V58006		83-84/	1	Decal Assembly - Dashboard Includes: 13 & 16
13		V30507		83-84/	1	Decal - Fuses
14		V56597		83-84/	1	Decal - Wheel Torque
15		V30484		83-84/	1	Decal - Range Shift
16		V58005		83-84/	1	Decal - Instrument Panel
17		V49041		83-84/	1	Decal - Control Console
18		V58366		83-84/	1	Decal - Cover
19		V30491		83-84/	1	Decal - Owner's Manual
20		V36251		83-84/	1	Decal - Safety Instructions
21		V30981		83-84/	1	Decal - Outside
22		V30973		83-84/	1	Decal - Inside
23		V30978		83-84/	1	Decal - Air
24		V55916	3976131	83-84/	1	Decal - Articulation Lock
25	(1)	V79189		83-84/	1	Decal - R.H. Side
	(2)	V78093		83-84/	1	Decal - R.H. Side Panel
	NS					
26		V79190		83-84/	1	Decal - Long R.H. Side
27		V79195	3977819	83-84/	2	Decal - Warning Shorting Starter

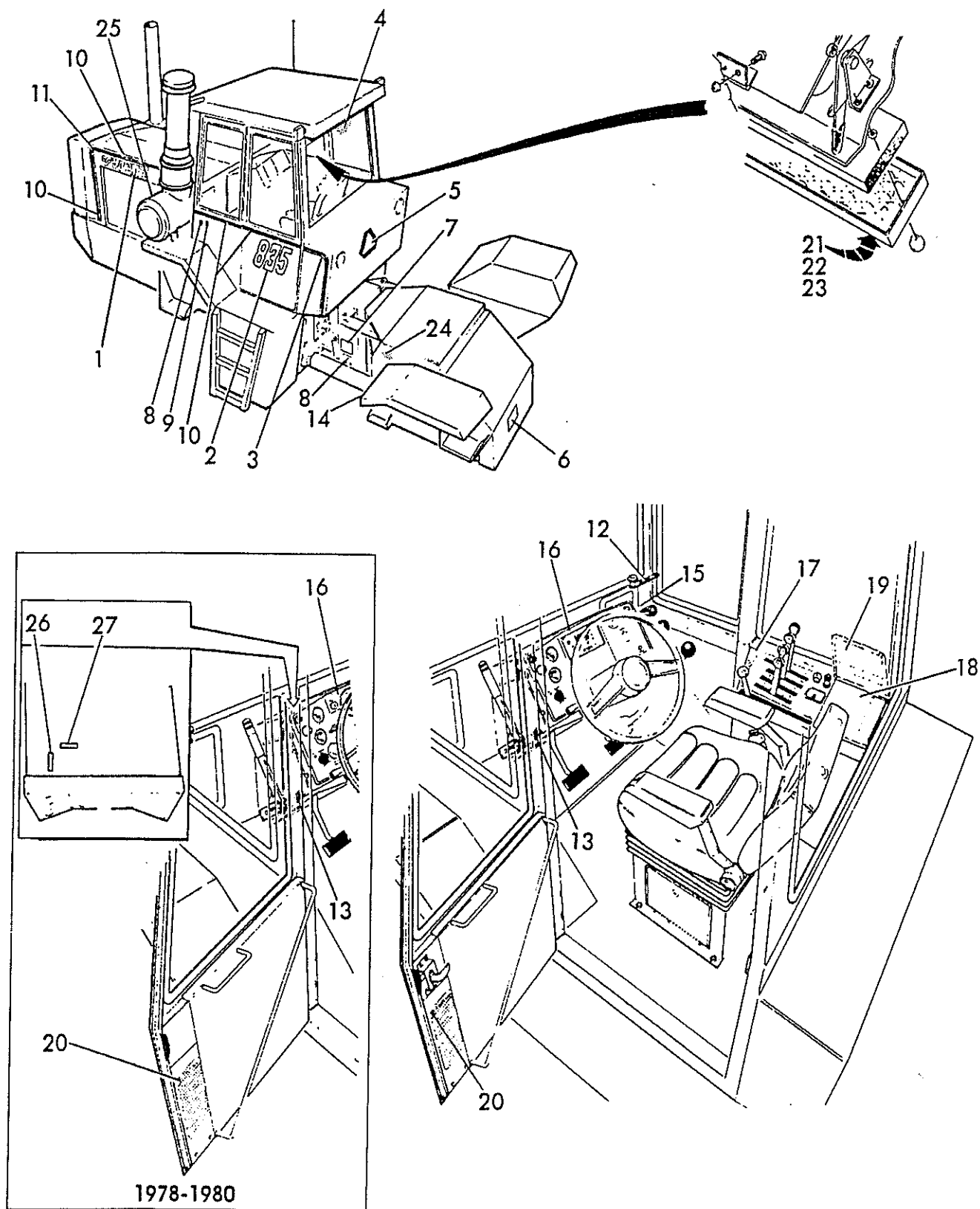
(1) - ASN 83036650

(2) - ESN 83036769

NS - Not Serviced

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FIGURE 16A2 - DECALS 78-82



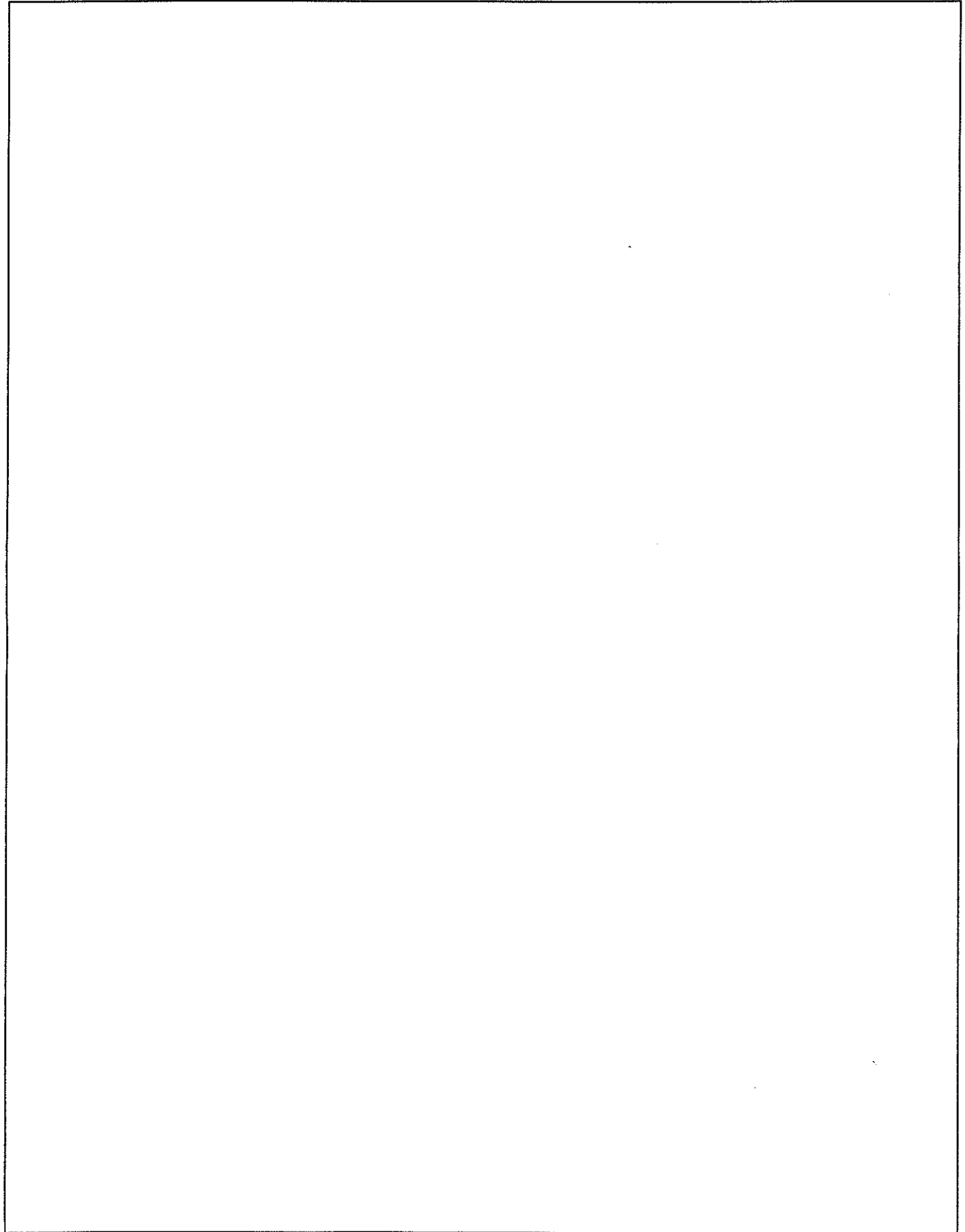
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FIGURE 16A2 - DECALS 78-82
ABZIEHBILD
DÉCALCOMANIE
CALCOMANIA

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
1		V49090		78-82/	1	Decals - 835 - Replaces TRA-49090 Includes: 1-20
		V57286		80-82/	2	Decal - Versatile
		V30587		78-79/	2	Decal - Versatile
2		V57313		80-82/	2	Decal - 835
		V49088		78-79/	2	Decal - 835
3		V57302		80-82/	1	Decal - L.H.
		V48832		78-79/	1	Decal - L.H.
		V57301		80-82/	1	Decal - R.H.
		V48831		78-79/	1	Decal - R.H.
4		V57289		80-82/	1	Decal - Small Versatile
		V49531		78-79/	1	Decal - Small Versatile
5		V15999	1862492	78-82/	1	Emblem - SMV
6		V910T107		78-82/	1	Decal - Drawbar
7		V36250		78-82/	2	Decal - Swing Frame
8		V30497		78-82/	2	Decal - Greasing
9		V49145		78-82/	1	Decal - Greasing
10		V48951		78-82/	1	Decal - Cab Stripe
11		V49050		78-82/	2	Decal - Front Hood
12		V36249	1862516	78-82/	1	Decal - Window Exit
	NS	V58006		81-82/	1	Decal Assembly - Dashboard - Replaces TRA-58006 Includes: 13-16
		V30514		78-80/	1	Decal Assembly - Dashboard Includes: 13-16
13		V30507		78-82/	1	Decal - Fuses
14		V56597		80-82/	1	Decal - Wheel Torque
15		V30484		80-82/	1	Decal - Range Shift
16		V58005		81-82/	1	Decal - Instrument Panel
		V49163		78-79/	1	Decal - Instrument Panel
		V56596		80	1	Decal - Instrument Panel
17		V49041		78-82/	1	Decal - Control Console
18		V58366		81-82/	1	Decal - Cover for 835
		V48834		78-80/	1	Decal - Cover for 835
19		V30491		78-82/	1	Decal - Owner's Manual
20		V36251		78-82/	1	Decal - Safety Instructions
21		V30981		78-82/	1	Decal - Outside
22		V30973		78-82/	1	Decal - Inside
23		V30978		78-82/	1	Decal - Air
24		V55916	3976131	80-82/	1	Decal - Articulation Lock
25		V30543		78-79/	1	Decal - Air Cleaner Maintenance
26		V30508		78-80/	1	Decal - Key Switch Bar
27		V30509		78-80/	1	Decal - Hot Buss Bar

NS - Not Stocked

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SECTION 17 - MISCELLANEOUS
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FIGURE 17A1 - HIGH USAGE ITEMS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
BLOCK HEATER						
		V36103		81-83/		Engine Block Heater
		V60274	1860432	84/		Engine Block Heater
		V79542	1860433	84/		Engine Block Heater Cord
BELTS						
		V57260	1859648	81-84/		Water Pump Belt
		V57262	1859649	81-84/		Alternator Drive Belt
		V22925		81-84/		Compressor Belt
		V23265		81-84/		Fan Belt
FILTERS						
		V57124		81-84/		Engine Bypass Filter Element
		V79080		84/		Fuel Filter Element - w/Water Separator
		V608T118		81-84/		Special Fuel Filter Element - Original Replacement Type
		V31133		81-84/		Engine Crankcase Filter
		V2854		81-84/		Transmission Circuit Element
		V30924		81-84/		Air Cleaner Primary Element
		V30927		81-84/		Air Cleaner Safety Element
		V30986		81-84/		Cab Pressurizer Panel Element
		V30988		81-84/		Cab Pressurizer Recirculation Element
		V25881		81-84/		Water Filter
		V26206	3977068	81-84/		Water Filter Precharged
		V15799		81-84/		Hydraulic Suction Element
		V704T119V11		81-84/		Gasket Kit - For Suction Filter
		V36169	3977081	81-84/		Hydraulic Circuit Return Filter Kit
		V24575		81-84/		High Capacity Air Cleaner Element
GASKETS						
		V17805	3975994	81-84/		Hydraulic Oil Pump - Front
		V23283		81-84/		Hydraulic Oil Pump - Rear
		V15781	1860653	81-84/		Transmission Lubrication Pump
		V15733	1860633	81-84/		Transmission Output Shaft
		V18251		81-84/		Air Conditioner Compressor
PAINT - VERSATILE COLORS						
		99000330	99000330	84/		Red - Spray Bomb
		99000331	99000331	84/		Red - 1 Liter
		99000332	99000332	84/		Red - 4 Liters
		99000333	99000333	84/		Yellow Spray Bomb
		99000334	99000334	84/		Yellow - 1 Liter
		99000335	99000335	84/		Yellow - 4 Liters
		99000336	99000336	84/		Black Low Sheen Spray Bomb
		99000337	99000337	84/		Black - 1 Liter Low Sheen
		99000338	99000338	84/		Black - 4 Liters Low Sheen
		99000339	99000339	84/		Black Hi Heat Spray Bomb

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FIGURE 17A1 - HIGH USAGE ITEMS

REF	FN	PART NUMBER	FINIS	YR/SN	QTY	DESCRIPTION
PAINT - VERSATILE COLORS						
		V12377		81-84/		Red - Spray Bomb
		V12378		81-84/		Yellow - Spray Bomb
		V12381		81-84/		Red - Quart Can
		V12382		81-84/		Yellow - Quart Can
		V12383		81-84/		Red - Gallon Can
		V12384		81-84/		Yellow - Gallon Can
		99000031	99000031	81-84/		Flat Black Hi-Temp Spray Bomb
		V53349		81-84/		Flat Black Spray Bomb
		V53350		81-84/		Flat Black Quart Can
		V53351		81-84/		Flat Black Gallon Can
		99000049	99000049	81-84/		Fluid Film - Rust & Corrosion Preventative
OIL & LUBRICANTS						
		99000139	99000139	83-84/		Hydraulic Oil
		99000292	99000292	83-84/		Grease Gun
		99000294	99000294	83-84/		12" Hose For Grease Gun
		99000295	99000295	83-84/		18" Hose For Grease Gun
		99000049	99000049	83-84/		Fluid Film - Rust & Corrosion Preventative
REPAIR SEAL KITS						
		V36466		81-84/		Steering Cylinders
		V30096		81-84/		Steering Pump
		V31282		81-84/		Steering Valve
		V22901	1860708	81-84/		Transmission Lubrication Pump
		V21277	3977067	81-84/		Master Brake Cylinder
		V18244		81-84/		Air Conditioner Compressor Valve Plate
		V18245		81-84/		Air Conditioner Compressor Seal
		V31030		81-84/		Air Conditioner Compressor Seal
		V31481	1860431	81-84/		Three-Point Hitch - Hydraulic Cylinders
		V57135		81-84/		Valve Spool - Depth Control Valve
		V57136		81-84/		Piston - Depth Control Valve
SEALANTS & ADHESIVES						
		99000220	99000220	81-84/		Rack - Includes All Listed Loctite Products
		99000221	99000221	81-84/		242 Threadlock
		99000222	99000222	81-84/		262 Threadlock
		99000223	99000223	81-84/		601 Compound
		99000224	99000224	81-84/		PST Threadseal
		99000225	99000225	81-84/		Gasket Eliminator
		99000226	99000226	81-84/		Superbonder
		99000227	99000227	81-84/		Gasket Remover
		99000228	99000228	81-84/		High Tack Spray
		99000229	99000229	81-84/		Belt Dressing
		99000230	99000230	81-84/		Gasket Sealer
		99000231	99000231	81-84/		Primer T
OTHER ITEMS						
		V18539		81-84/		Freon

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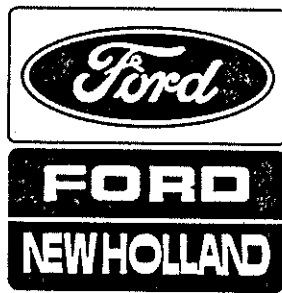
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3976060	7-37, 11-9, 11-13	99000227	17-5		
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3976065	5-85	99000230	17-5		
3976076	2-21	99000231	17-5		
3976077	2-21	99000292	17-5		
3976084	3-3	99000294	17-5		
3976087	11-3	99000295	17-5		
3976097	7-33, 12-5	99000330	17-3		
3976107	3-3	99000331	17-3		
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