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PARTS CATALOG

CA & CU SERIES Industrial Tractors



STEIGER TRACTOR INC.

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STEIGER TRACTOR INC.

Foreword

This parts catalog replaces all prior editions (37-101 & 37-101R1) of the Steiger Industrial Series parts catalog. Please discard these prior editions as this new catalog will supersede them for all those models listed herein. The catalog is in loose-leaf form and as changes occur, will be periodically supplemented.

This catalog is grouped into eleven major sections:

CAB	FUEL
ELECTRICAL	HYDRAULICS
CLIMATE CONTROL	DECALS
DRIVE TRAIN	OPTIONS & MISC
BRAKES	NUMERICAL INDEX
FRAME	

Major sections within the catalog are listed on the Contents page. Specific areas within these major sections are shown on a Contents page (identified by the black tab on the outside edge of the page) at the beginning of each major section.

Included at the beginning of some major sections there may be Serial Number (S/N) break pages containing some of the pertinent S/N breaks for the part number information contained within that section. In most cases, or when practical to do so, S/N breaks will be noted on the applicable pages.

The Numerical Index (part number to page number cross-reference) is provided at the back of this catalog.

It is important that customers include the model and S/N when ordering replacement parts for models that may have questionable parts usage.

With a few exceptions, such as belts and filter elements, all engine parts that are not referenced or do not have Steiger part numbers should be purchased from the local Caterpillar or Cummins dealer. All automatic transmission parts (unless where noted) must be purchased through the local Detroit Diesel Allison dealer.

When the terms "Right" and "Left" are used in this catalog, the orientation is from the operator's seat, facing forward.

When changes are made to the models covered in this catalog, Steiger Tractor, Inc. may periodically elect to supplement the existing catalog. Pages will be marked to indicate whether they are replacement pages or added pages. Replacement pages will show the revision number, date and the same page number as the original issue. Discard the original page and insert the replacement page in its place. Added pages will carry the revision number, date, an existing page number and an alphabetical suffix (for example, 2-32A). Insert these pages after the existing page.

The following code system has been developed for use in determining the correct part number when S/N breaks are required. These codes will be listed on the S/N break pages (if used) at the beginning of each major section of the catalog as well as on the corresponding page of the catalog where the part number is shown:

CODE	PARTS DISPOSITION (Code Identification)
A.	Error Correction - New P/N is correct for all uses.
B.	Superseded - Old P/N can be used for all models, but order new P/N when stock is depleted.
C.	Superseded - Old P/N CAN be used up on all models prior to S/N break only. New P/N MUST be used after S/N break. Order new P/N when old stock is depleted as it will work for all.
D.	Superseded - Old P/N MUST be used on models prior to S/N break. New P/N will fit models after the S/N break only.
E.	Superseded - Old P/N is not used any longer; the new P/N is to be used in ALL cases. Old P/N should be removed from existing inventory. It is recommended that the old part not be used under any circumstances.
F.	Superseded - P/N is superseded on this model or models only. Old P/N can be used for other applications and models but new P/N must always be used in this code.
G.	New Part - Additional P/N or P/Ns is/are used after the S/N break.
H.	P/N Duplication - New P/N will now be used in all cases. Renumber old stock with new P/N.

The code letter will appear as a bold letter in parenthesis directly behind the descriptions of the parts in question, (Example: Hyd Cylinder **(C)**). A S/N break, if necessary, will also be there or referenced to somewhere else. Codes A, E & H do not require a S/N break. Code B occasionally will not have a S/N break listed if the part is not an assembly requiring service parts.

In most cases, the superseded part number will be shown in parenthesis directly behind the description and preceding the code letter and S/N break (Example: Hyd Cyl (01-1000) **(C)**) (ASN 2000). The S/N shown will **always** be the first unit with the new part.

In some instances, the superseded part number will be listed directly above the new or it may be on another page in which case a reference to that page will be shown.

Some part numbers have a suffix T1, T2 etc (a single part) or T91, T92 etc (assemblies or multiple part units). Advancing the suffix is done to indicate a new part that is a wholly interchangeable replacement for any part with a lower suffix number. A part number with a lower suffix can be used to replace a higher one **only if it has the code (B) with it.**

IMPORTANT: *Serial number breaks will indicate only the factory change. There will be instances where tractors prior to the factory break may have been field changed to the new.*

Throughout this catalog there will be numerous **NOTES**. These **NOTES** are there to clarify unusual situations or to add additional information. Be sure to read all **NOTES** in their entirety as they may clarify many questions that may arise.

NOTE: *The illustrations shown within this catalog are to be utilized for parts reference only and are not intended to be used for installation or assembly purposes.*

It is the policy of Steiger Tractor, Inc. to improve products whenever possible and practical to do so; therefore, the parts numbers included in this catalog are subject to change without notice. Steiger Tractor, Inc. reserves the right to make part number changes or add improvements in the design or construction of products at any time without incurring the

obligation to notify owners of these changes or install such changes on products previously delivered.

Some of the illustrations and information found in this catalog were supplied to Steiger Tractor, Inc. by machine components suppliers.

Throughout this catalog the following abbreviations are used:

AR - As Required
NAP - Not Available as Parts
NSS - Not Serviced Separately
Assy - Assembly
Temp - Temperature
Press. - Pressure
Lube - Lubrication
Qty - Quantity
Ref. - Reference
Trans - Transmission
A/C - Air Conditioning
Diff - Differential
Alt - Alternator
Incl - Includes
w/o - Without
Tach - Tachometer
ASN - At Serial Number
BSN - Before Serial Number

Express or freight claims of shortage or breakage should be made to the transportation company upon receipt of goods.

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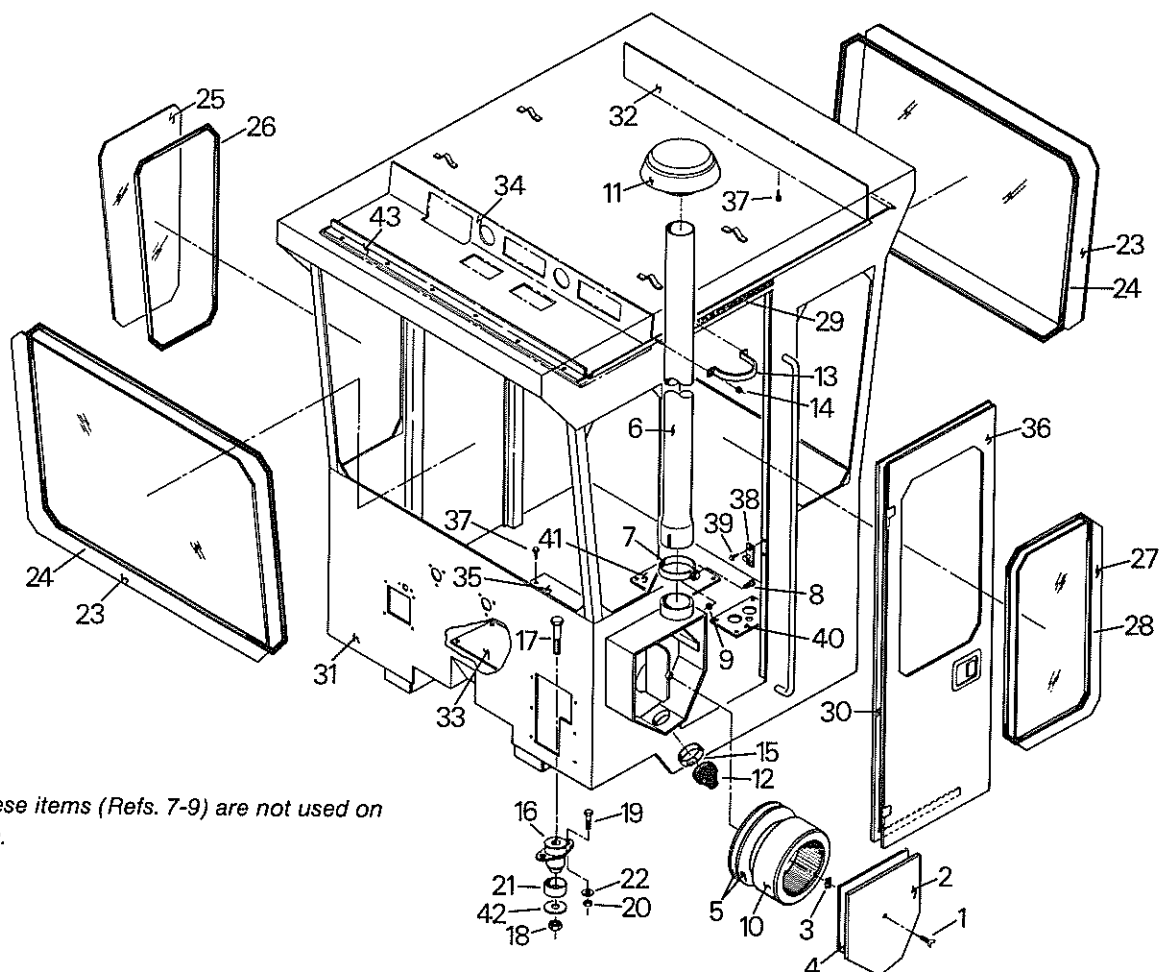
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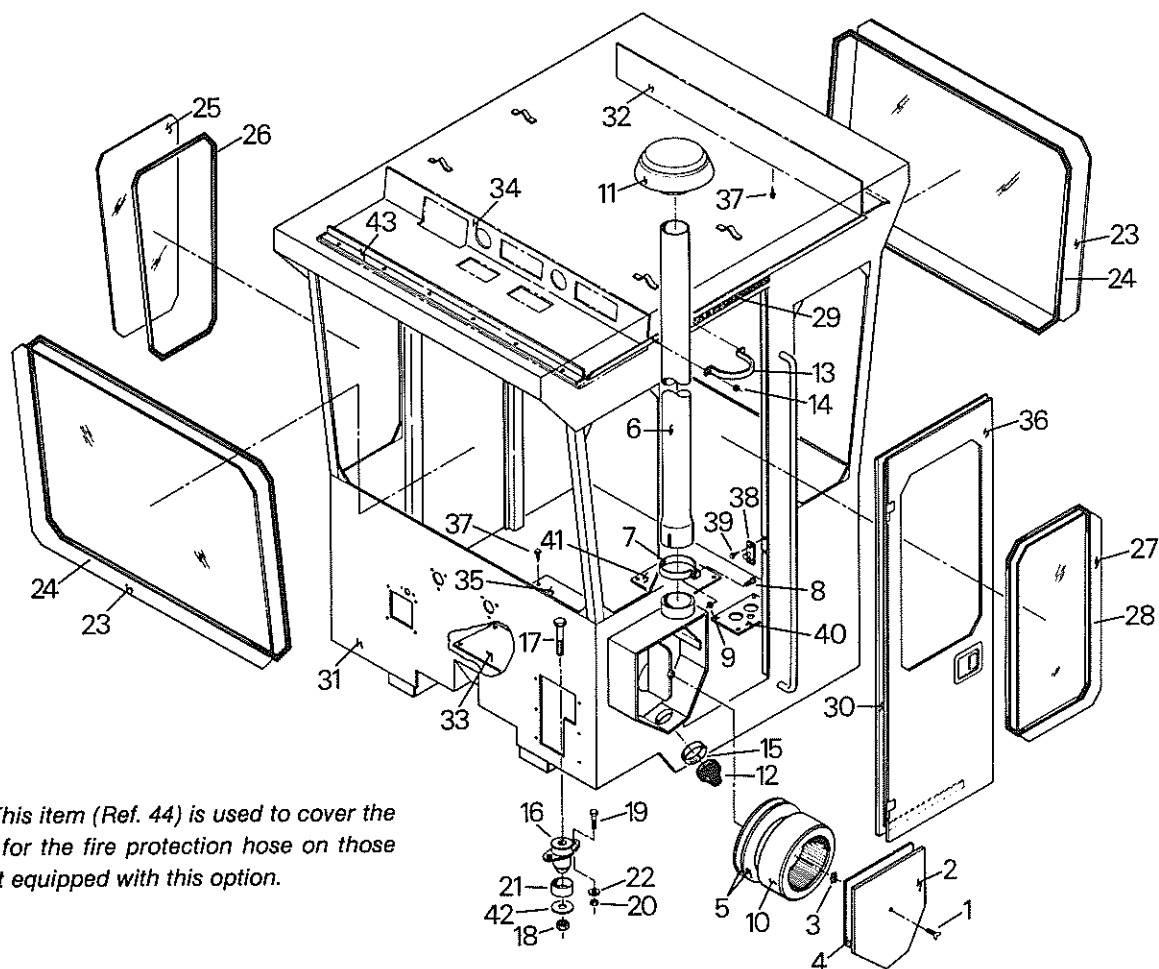
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Cab

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1-4	54-307	Cover Assy	1	20	19-653	Nut	8
1	19-937	Wing Bolt	1	21	47-4334	Snubber	4
2	54-303	Cover	1	22	19-109	Washer	8
3	61-104	Retainer	1	23	47-2443	Front & Rear Glass	2
4	54-412	Seal	1	24	47-4087	Molding	2
5	54-302T1	Seal	2	25	54-262	Side Glass	4
6	54-306	Air Intake Stack	1	26	04-547	Molding	4
7	32-315	Clamp*	1	27	54-261	Door Glass	2
8	19-020	Capscrew*	1	28	04-548	Molding	2
9	19-078	Nut*	1	29	01-3044	Foam Pad	2
10	54-304T1	Air Filter	1	30	04-465	Weather Stripping	2
11	54-305	Cap	1		01-7077	Caulk	.08g
12	66-177	Evaculator Valve	1		24-181	Glue	.08g
13	54-308	Bracket	1	31		Cab Structure	1
14	19-076	Nut	2			(special order item)	
15	32-060	Clamp	1	32	60-1836T1	Rear Console (see Page 1-19)	1
16	31-1198	Isolation Mount	4	33	60-2021T1	Access Cover	1
17	19-5404	Capscrew	4		01-5396	Foam Pad (under cover)	2
18	19-5405	Lock Nut	4		04-1064	Foam Pad (under cover)	2
19	19-543	Capscrew	8	34	60-1838T1	Front Console (see Page 1-16)	1



****NOTE:** This item (Ref. 44) is used to cover the hole used for the fire protection hose on those models not equipped with this option.

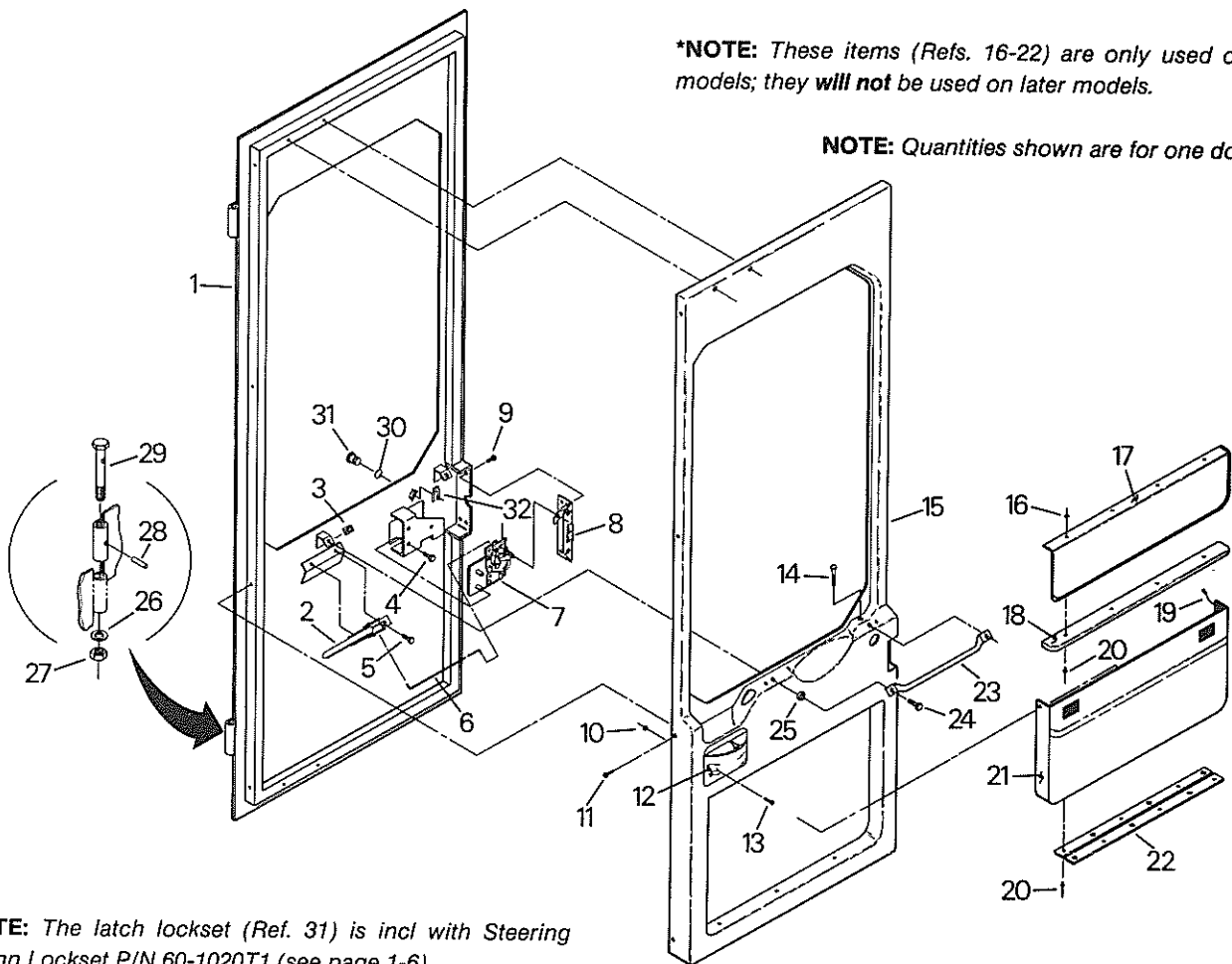
Cab

Ref.	Part No.	Description	Qty.
35	60-2024T1	Access Cover	1
	04-1063	Foam Pad (under cover)	2
	47-4643	Foam Pad (under cover)	2
36		Door Assy (see Page 1-3)	2
37	19-958	Tapping Screw	22
38	01-3180	Striker Pin	2
	01-4167	Shim (not shown)	4

Ref.	Part No.	Description	Qty.
39	19-5707	Tapping Screw	4
40	60-2222T3	Plate	1
41	47-2715	Cover	1
42	19-5487	Washer	4
43	01-6839	Brace	1
44	22-619	Blind Grommet** (not shown)	1

***NOTE:** These items (Refs. 16-22) are only used on early models; they **will not** be used on later models.

NOTE: Quantities shown are for one door only.



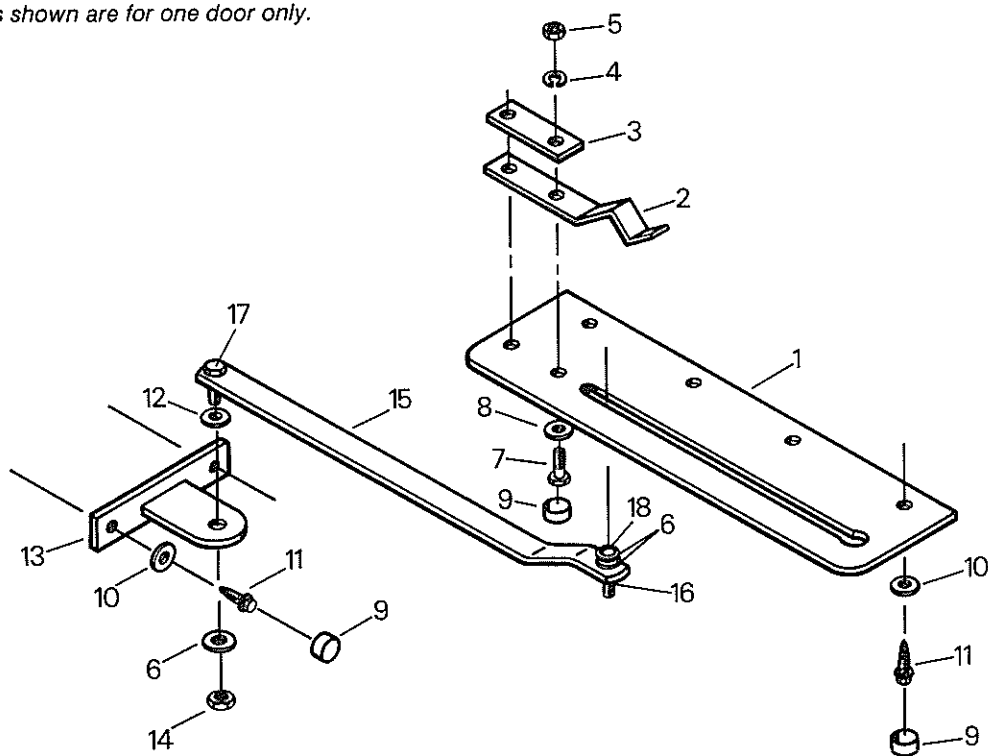
****NOTE:** The latch lockset (Ref. 31) is incl with Steering Column Lockset P/N 60-1020T1 (see page 1-6).

Door Assembly

Ref.	Part No.	Description	Qty.
1	01-3382T1	Door Frame (Left)	1
	01-3383T1	Door Frame (Right)	
2	01-4024	Inside Handle Assy (Left)	1
	01-4025	Inside Handle Assy (Right)	
3	19-378	Clip Nut	2
4	19-717	Capscrew	3
5	19-891	Socket Head Capscrew	2
6	01-4023	Release Rod	1
7	01-3183	Outside Handle Assy (Left)	1
	01-3184	Outside Handle Assy (Right)	
8	01-3181	Latch Assy (Left)	1
	01-3182	Latch Assy (Right)	
9	19-417	Capscrew	4
10	19-1015	Kep Nut	2
11	19-131	Tapping Screw	8
12	64-095	Ash Tray (Left side only)	1
13	19-1000	Machine Screw	2
14	01-3254	Plunger Knob	1
15	01-3219T2	Panel (Left)	1
	01-3197T2	Panel (Right)	

Ref.	Part No.	Description	Qty.
16	19-708	Washer*	16
17	01-3186	Flap*	1
18	01-3187	Flap Support*	1
19	01-3200	Retainer*	2
20	19-157	Pop Rivet*	16
21	01-3198	Pouch*	1
22	01-3185	Hinge*	1
23	01-9155	Handle	1
24	19-5557	Capscrew	2
25	19-6060	Spacer	2
26	19-5434	Washer	2
27	19-341	Lock Nut	2
28	9417915	Spring Pin	2
29	02-6502T1	Capscrew	2
30	01-4074	Rubber Washer	1
31	NSS	Lockset**	1
32	01-4788	Mounting Clip	1

NOTE: Quantities shown are for one door only.

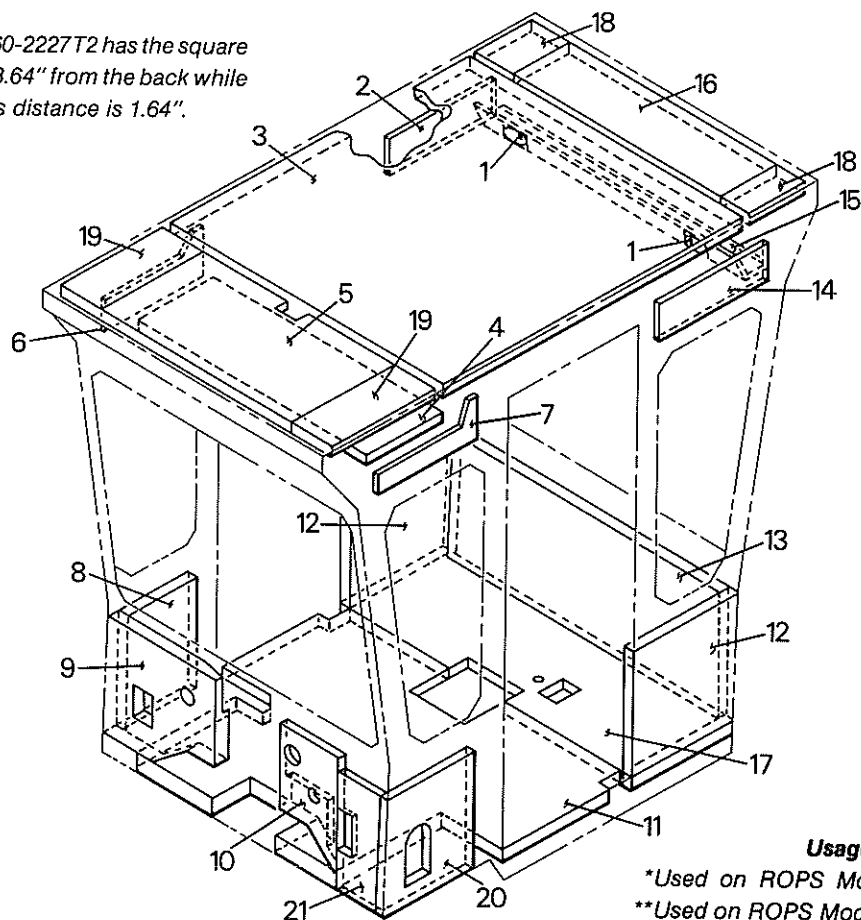


Door Stop

Ref.	Part No.	Description	Qty.
1	01-1649	Mounting Plate	1
2	01-1658	Door Latch Spring	1
3	01-1657	Plate	1
4	19-115	Lock Washer	2
5	19-076	Nut	2
6	19-5434	Washer	3
7	19-002	Capscrew	2
8	01-4456	Caplug Washer	2
9	01-3990	Caplug	8
10	01-3991	Caplug Washer	6

Ref.	Part No.	Description	Qty.
11	19-5707	Tapping Screw	6
12	19-5370	Wave Washer	1
13	01-1653	Bracket	1
14	19-090	Lock Nut	1
15-18	60-1165T91	Connecting Link Assy (also incl Ref. 6)	1
15	60-1138T1	Connecting Link	1
16	19-823	Nut	2
17	19-026	Capscrew	1
18	114705	Machine Screw	1

NOTE: Floormat P/N 60-2227T2 has the square hole (see illustration) 3.64" from the back while on P/N 60-2227T3 this distance is 1.64".



Usage Codes

*Used on ROPS Model 1009 Cab

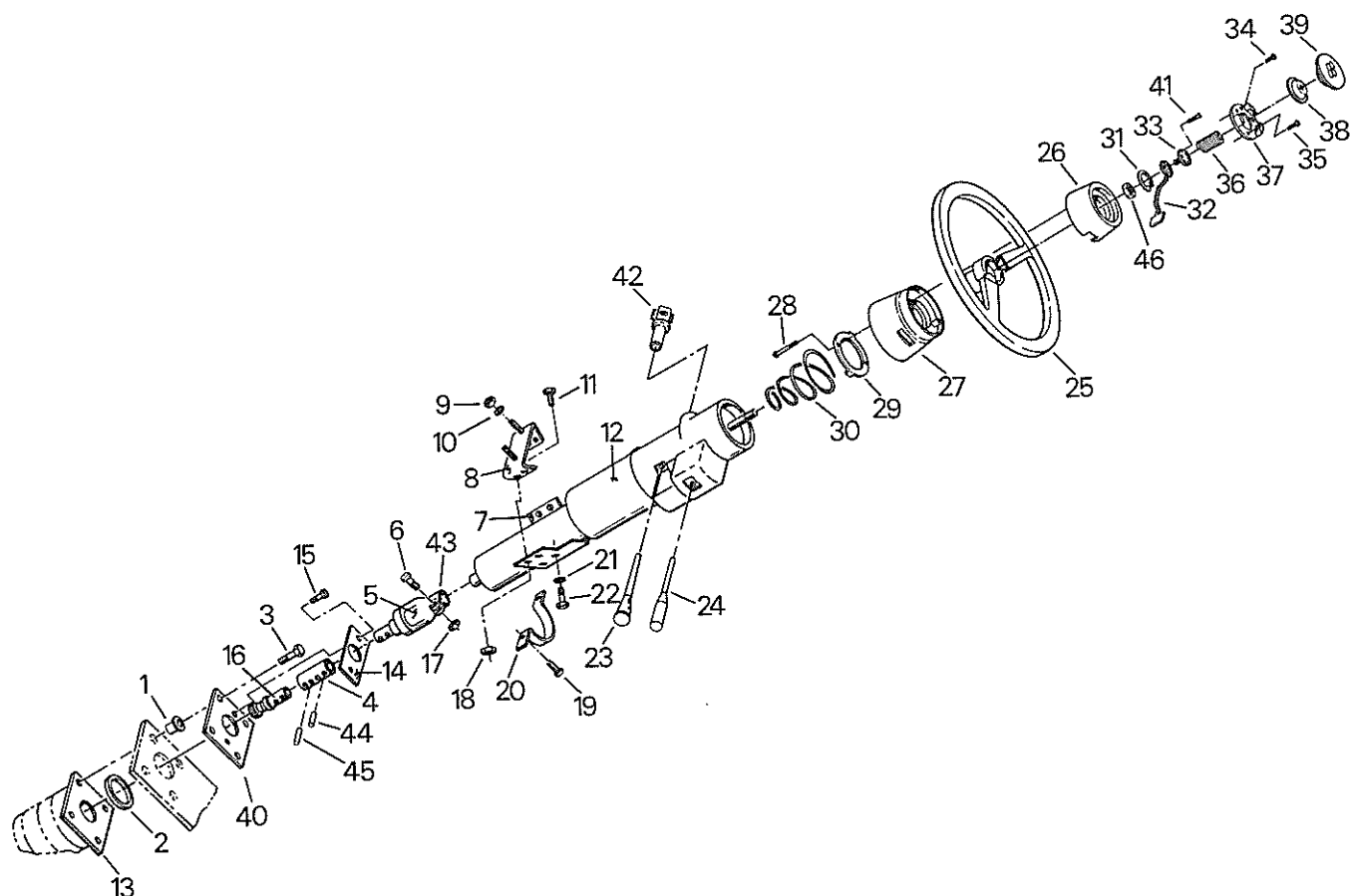
**Used on ROPS Model 1010 Cab

(check ROPS Decal for proper identification)

Cab Insulation & Vinyl

Ref.	Part No.	Description	Qty.
1	60-1852T1	Speaker Insulation	2
2	01-8103	Right Upper Rear Insulation*	1
	60-3280T1	Right Upper Rear Insulation**	
3	60-1853T1	Headliner Insulation*	1
	60-3283T1	Headliner Insulation**	
4	60-1854T1	Console Insulation	1
5	01-8108	Top Front Insulation	1
6	01-8718	Right Upper Front Insulation*	1
	60-3279T1	Right Upper Front Insulation**	
7	01-8719	Left Upper Front Insulation*	1
	60-3282T1	Left Upper Front Insulation**	
8	54-348	Right Side Front Insulation	1
9	60-2230T1	Wrap-A-Round Insulation	1
10	60-2229T2	Wrap-A-Round Insulation	1

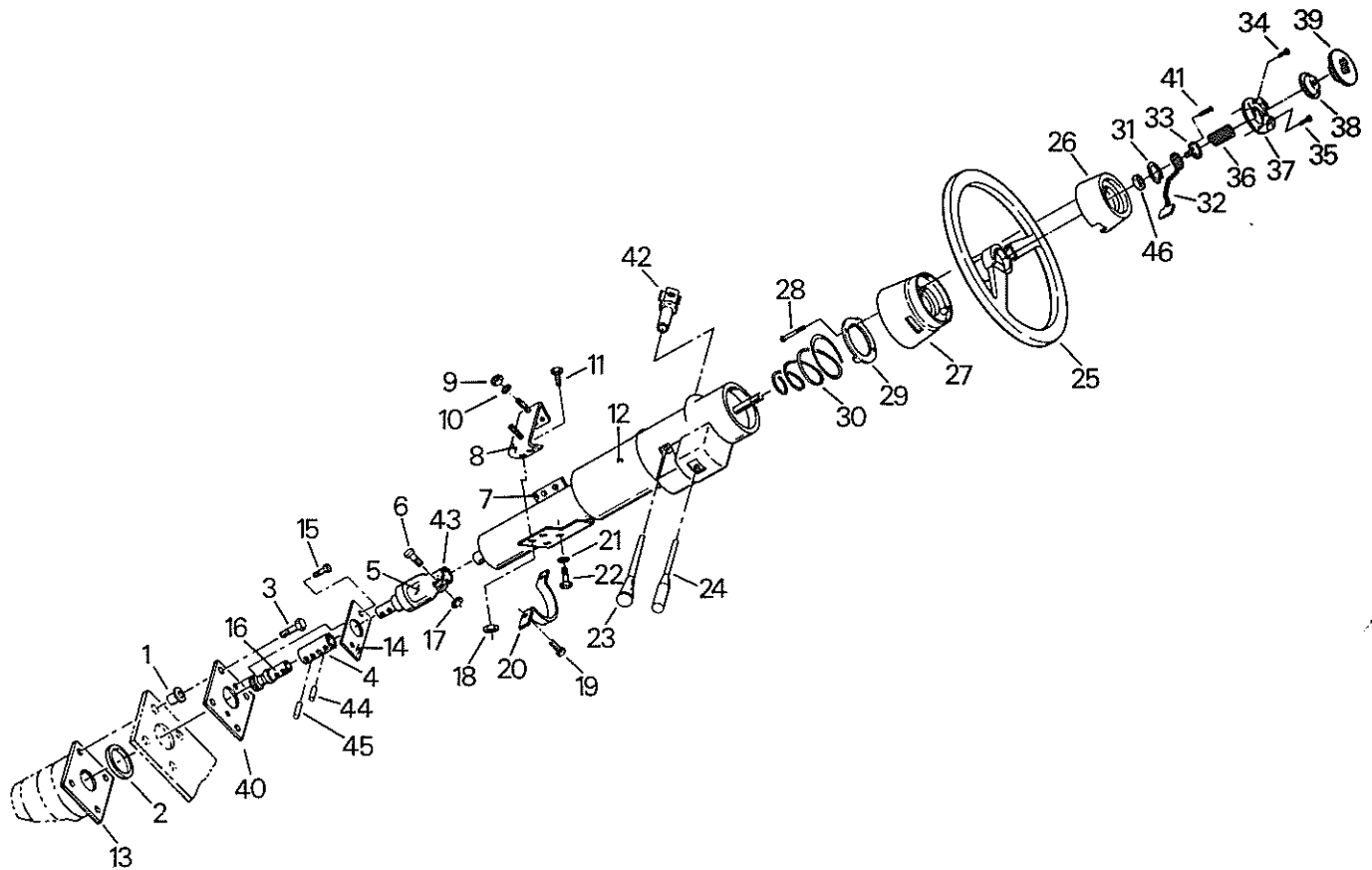
Ref.	Part No.	Description	Qty.
11	60-2228T1	Front Floormat	1
12	01-5425	Lower Rear Insulation	2
13	60-2226T1	Bottom Rear Insulation	1
14	01-8092	Left Upper Rear Insulation*	1
	60-3281T1	Left Upper Rear Insulation**	
15	60-1855T1	Rear Cover Insulation	1
16	01-8112	Top Rear Insulation	1
17	60-2227T2	Rear Floormat (see Note)	1
	60-2227T3	Rear Floormat	
18	60-1856T1	Top Rear Insulation	2
19	60-1857T1	Top Front Insulation	2
20	01-8653	Module Side Insulation	1
21	25-1005	Module Front Insulation	1
22	27-001	Adhesive (1 qt) (not shown)	1



Steering Controls & Mounting

Ref.	Part No.	Description	Qty.
1	01-3528	Rubber Mount	4
2	54-408	Seal	1
3	19-924	Capscrew	4
4	02-3813T1	Collar	1
5	01-3417	Steering Shaft	1
6	7803464	Capscrew	1
7	60-1469T2	Mount Plate	1
8	60-1471T2	Mount Plate	1
9	19-341	Lock Nut	2
10	19-107	Washer	2
11	19-006	Capscrew	4
12		Steering Column Assy (Metric Thread Hardware) (see Page 1-8)	1
13	01-9557	Plate	1
14	02-3768T1	Plate	1
15	19-717	Capscrew	2
16	01-3414T1	Spline Shaft	1
17	7810280	Nut	1
18	19-802	Lock Nut	4

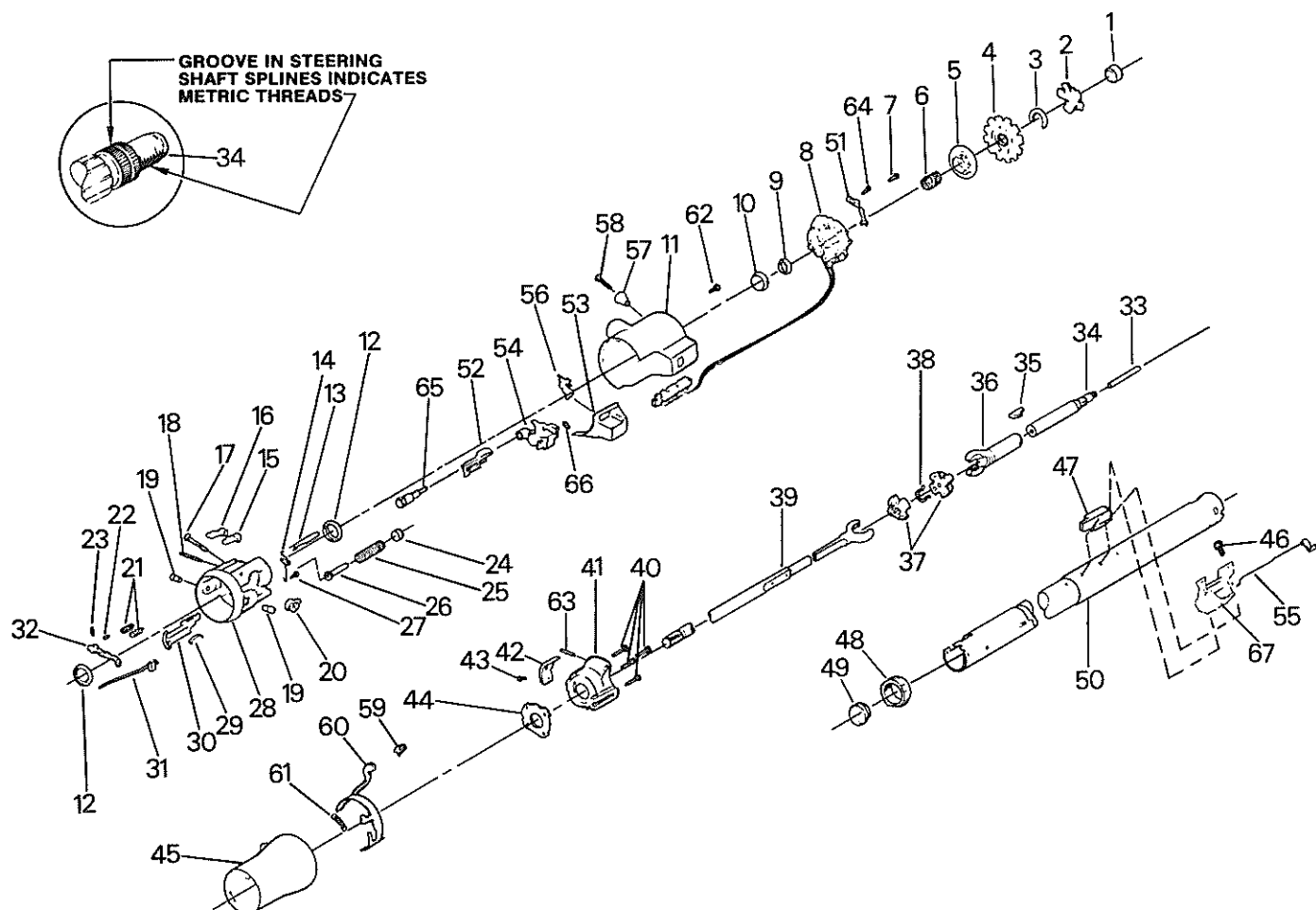
Ref.	Part No.	Description	Qty.
19	19-891	Socket Head Capscrew	2
20	01-3412	Clamp	1
21	19-700	Washer	4
22	11500763	Capscrew (metric)	4
23	18-1567T1	Tilt Control Lever	1
24	01-4188T1	Turn Signal Lever	1
25-30	02-3755T92	Steering Wheel Assy (02-3755T91 - Code B)	1
25	60-1827T2	Steering Wheel (60-1827T1 - Code B)	1
26	60-1828T1	Upper Hub Cover	1
27	60-1829T1	Lower Hub Cover	1
28	19-5791	Tapping Screw	2
29	60-1830T1	Spring Retainer	1
30	60-1831T1	Spring	1
31	18-1570	Retainer	1
32	60-1951T1	Release Lever	1
33	18-1565	Locking Screw	1
34	19-6101	Tapping Screw	1
35	9414743	Tapping Screw	3



Steering Controls & Mounting

Ref.	Part No.	Description	Qty.
36	60-1820T1	Spring	1
37	60-1819T1	Base Plate	1
38	60-1821T1	Contact Cup	1
39	60-1952T2	Horn Button	1
40	01-1804T1	Plate	1
41	19-955	Machine Screw	2

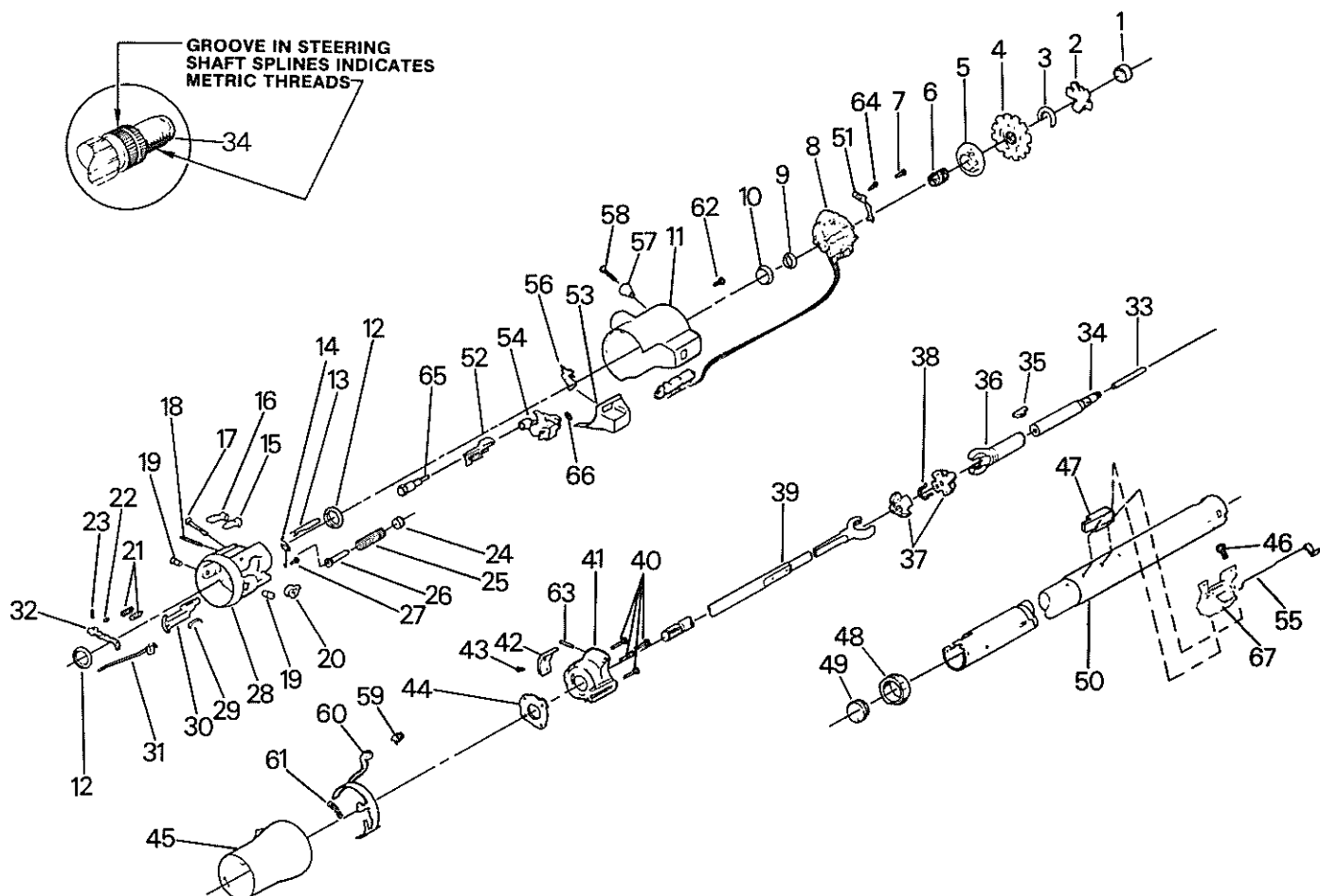
Ref.	Part No.	Description	Qty.
42	60-1020T1	Lockset (contains new keys and locks for Cab Doors & Steering Column)	
43	7809433	Clamp	
44	19-151	Roll Pin	
45	19-5669	Roll Pin	
46	19-1026	Nut (incl with Ref. 12)	



Steering Column Assembly

Ref.	Part No.	Description	Qty.
1-68	01-7630	Steering Column Assy	1
1	01-1320	Bumper Retracted Steering Shaft	1
2	01-1329	Carrier Snap Ring Retainer	1
3	01-1331	Shaft Lock Retainer	1
4	01-1325	Steering Shaft Lock	1
5	01-1215	Carrier Assy	1
6	01-4507	Upper Bearing Spring	1
7	01-1333	Screw	3
8	01-4497	Turn Signal Switch Assy	1
9	01-1336	Inner Race Seat	1
10	01-1328	Inner Race	1
11	02-1454	Lock Housing Cover	1
12	01-1217	Bearing Assy	2
13	19-5460	Lock Bolt	1
14	01-1228	Lock Bolt Spring	1
15	01-1227	Steering Wheel Lock Shoe	1
16	01-1226	Steering Wheel Lock Shoe	1
17	01-1225	Drive Shaft	1
18	01-1220	Dowel Pin	1
19	01-4509	Pivot Pin	2
20	01-4478	Switch Actuator Sector	1

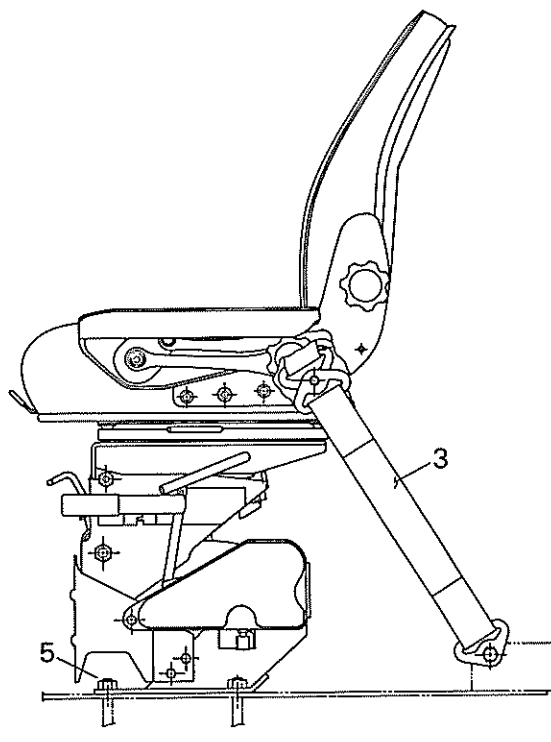
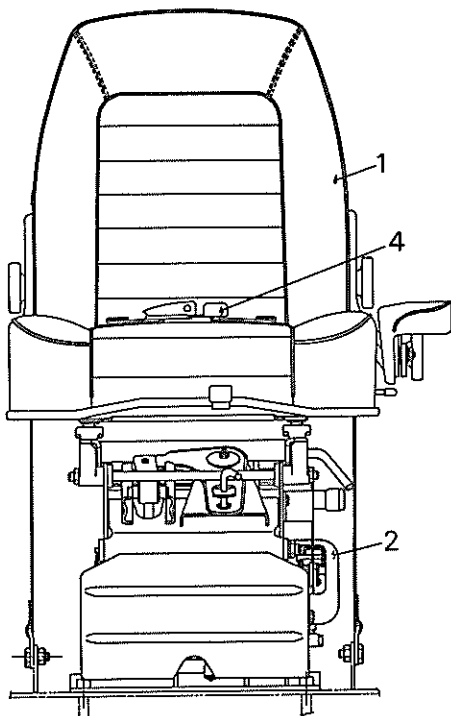
Ref.	Part No.	Description	Qty.
21	01-1301	Shoe Spring	2
22	01-1230	Release Lever Spring	1
23	01-1221	Release Lever Pin	1
24	01-1330	Spring Retainer	1
25	01-4508	Tilt Wheel Spring	1
26	01-1323	Spring Guide	1
27	01-1223	Screw	1
28	01-4474	Housing Assy (incl Refs. 12-18, 20-23, 27, 29, 30 & 32)	1
29	01-1229	Rack Preload Spring	1
30	01-4477	Switch Actuator Rack	1
31	01-4465	Switch Actuator Assy	1
32	01-4476	Shoe Release Lever	1
33-39	02-1463	Steering Shaft Assy	1
33	01-4488	Telescope Locking Rod	1
34	02-1467	Upper Steering Shaft	1
35	01-1312	Locking Wedge	1
36	01-4487	Race & Steering Shaft Yoke Assy	1
37	01-1310	Centering Sphere	2
38	01-1311	Joint Preload Spring	1
39	01-4486	Yoke & Steering Shaft Assy	1



Steering Column Assembly

Ref.	Part No.	Description	Qty.
40	01-1334	Screw	4
41	01-4493	Support Assy (incl Refs. 42, 43 & 63)	1
42	01-4494	Shroud Retaining Plate	1
43	19-5459	Screw	2
44	01-1326	Lock Plate	1
45	01-4504	Steering Column Housing Shroud	1
46	01-1335	Screw	1
47	01-4496	Ignition Switch Assy	1
48	01-4468	Lower Bearing Adapter	1
49	01-4467	Bearing Assy	1
50	02-1461	Jacket Assy	1
51	01-4466	Signal Switch Arm Assy	1
52	01-4498	Dimmer Switch Rod Actuator	1
53	01-4469	Column Housing End Cover Cap	1

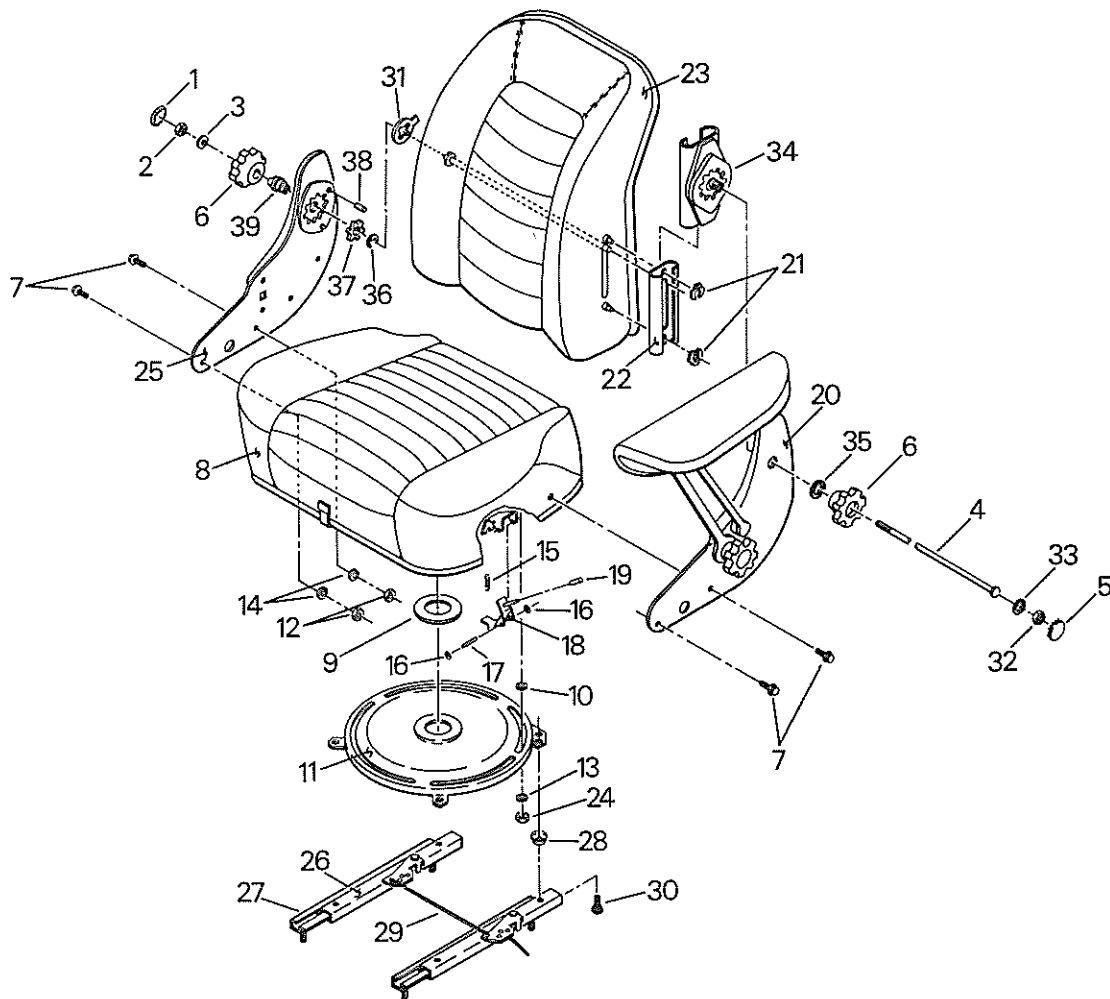
Ref.	Part No.	Description	Qty.
54	02-1452	Pivot Switch Assy	1
55	02-1462	Dimmer Switch Rod Assy	1
56	01-4470	Tilt Lever Opening Shield	1
57	01-4500	Hazard Warning Knob	1
58	19-5456	Screw	1
59	01-4499	Relief Lever Finger Pad	1
60	01-4501	Key Release Lever	1
61	01-4506	Key Release Spring	1
62	01-6926	Screw	3
63	01-6925	Dowel Pin	1
64	01-6924	Screw	1
65	02-1455	Switch Activating Pivot Pin	1
66	01-6927	Spring	1
67	01-7739	Dimmer Switch Assy	1
68	02-1481	Dimmer Switch Stud (not shown)	1



Seat & Suspension

Ref.	No.	Description	Qty.
1		Seat Assy (see Page 1-11)	1
2		Seat Suspension (see Pages 1-13 & 1-14)	1
3	60-2620T91	Tether Belt Assy (service breakdown below)	2
	NSS	Tether Belt	1
	01-2189	Shouldered Capscrew	1
	19-092	Nut	1

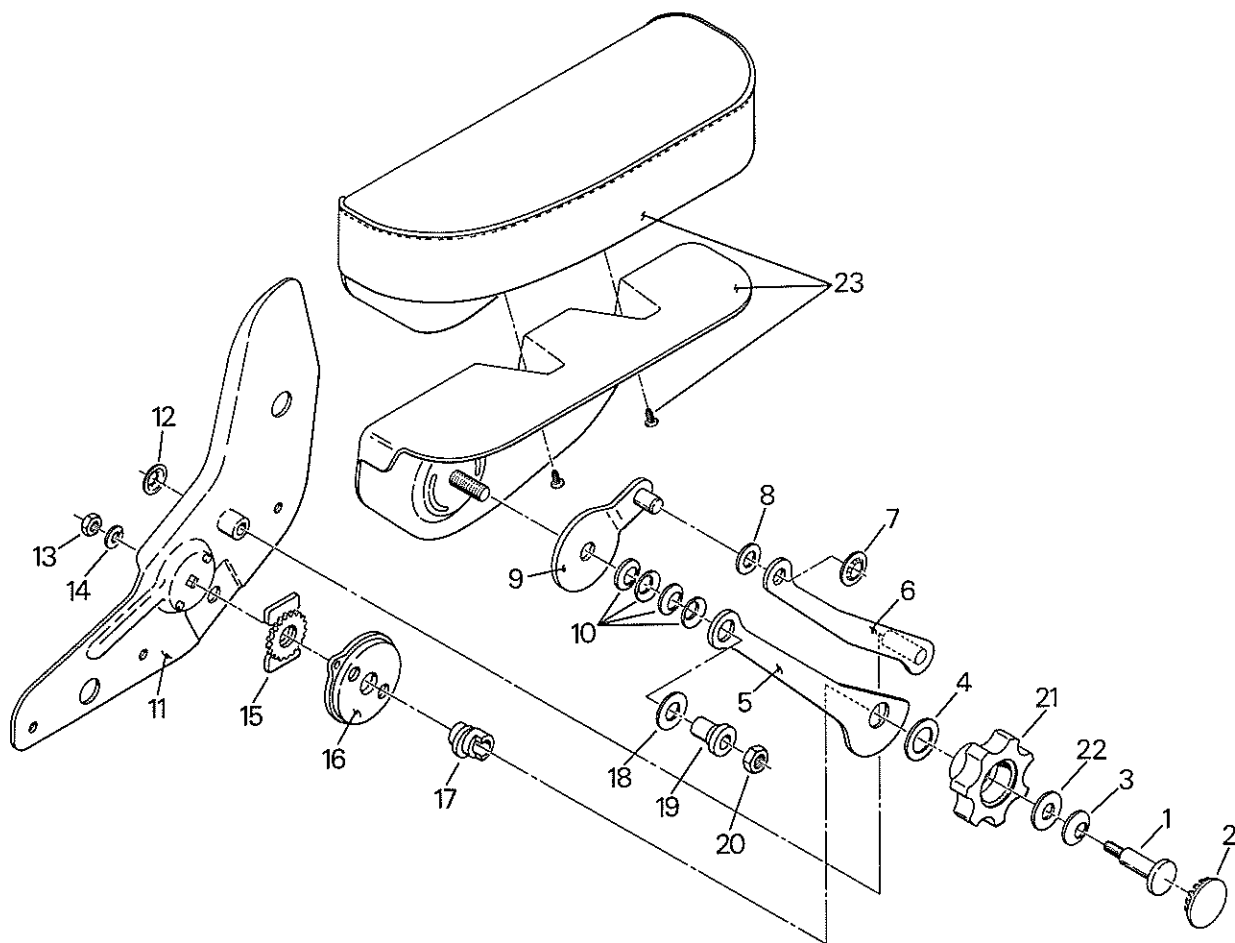
Ref.	Part No.	Description	Qty.
4	60-2621T91	Seat Belt Assy (service breakdown below)	1
	NSS	Seat Belt	1
	01-2189	Shouldered Capscrew	2
	19-092	Nut	2
5	19-653	Lock Nut	4



Seat Assembly

Ref.	Part No.	Description	Qty.
1-39	60-2277T91	Seat Assy	1
1-5	60-2941T91	Hardware Kit	AR
1	60-2945T1	Hole Plug	1
2	19-291	Lock Nut	1
3	9421394	Washer	1
4	NSS	Bolt	1
5	60-2948T1	Hole Plug	1
6	60-2925T1	Knob	2
7	19-5842	Flanged Capscrew	4
8	60-2926T1	Seat Cushion	1
9-10	60-2943T1	Washer Kit	AR
9	NSS	Delrin Washer	1
10	NSS	Delrin Washer	4
11	60-2927T1	Swivel Disc	1
12	9417954	Nut	4
13	60-2946T1	Washer	4
14	19-116	Lock Washer	4
15-19	60-2942T91	Swivel Latch Kit	AR
15	60-2928T1	Spring	1
16	19-5932	Push Nut	2
17	60-2929T1	Pin	1
18	NSS	Latch	1
19	60-2930T1	Vinyl Tip	1

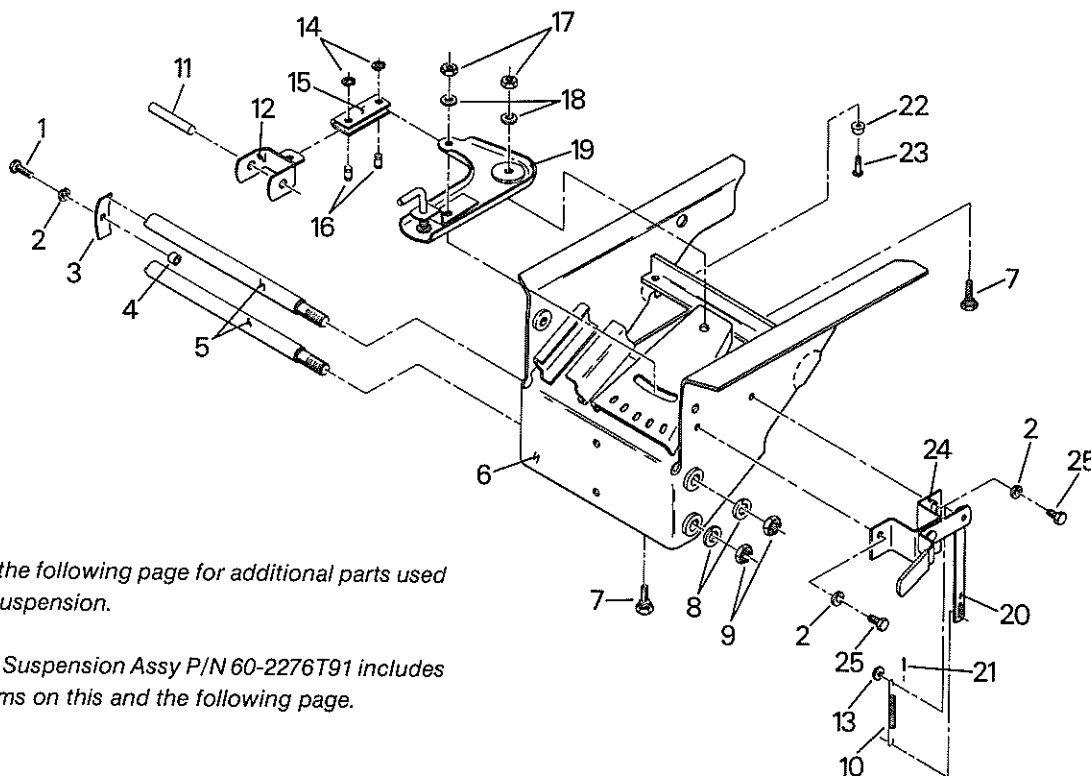
Ref.	Part No.	Description	Qty.
20		Side Plate Assy (see Page 1-12)	1
21	19-5866	Snap Ring	2
22	60-2932T1	Inner Channel	1
23	60-2933T1	Back Rest	1
24	19-802	Lock Nut	4
25	60-2936T91	Side Plate Assy (incl Refs. 36-39)	1
26	60-2937T1	Adjuster	1
27	60-2938T1	Adjuster Rail	1
28	60-2939T1	Spacer	4
29	60-2940T1	Connecting Rod	1
30	19-798	Capscrew	4
31-39	60-3005T91	Back Tilt & Raise Kit	AR
31	60-2934T1	Adjuster Stop	1
32	60-2944T1	Nut	1
33	138555	Lock Washer	1
34	60-2949T1	Channel Eccentric Gear	1
35	19-6037	Wave Washer	1
36	19-6029	Snap Ring	1
37	60-2951T1	Gear	1
38	455919	Spring Pin	2
39	60-2950T1	Eccentric Driver	1



Side Plate Assembly

Ref.	Part No.	Description	Qty.
1-22	60-2931T91	Side Plate Assy (does not incl Ref. 23)	1
1	60-3004T1	Shouldered Capscrew	1
2	60-3003T1	Hole Plug	1
3	19-6034	Wave Washer	1
4	19-6031	Delrin Washer	1
5	60-3002T1	Support Arm	1
6	60-3001T1	Support Arm	1
7	19-6035	Push Nut	1
8	19-6033	Delrin Washer	1
9	60-3000T1	Link	1
10	19-5970	Belleville Washer	4
11	60-2995T1	Side Plate	1

Ref.	Part No.	Description	Qty.
12	19-6036	Push Nut	1
13	9417954	Nut	1
14	19-116	Lock Washer	1
15	60-2996T1	Flipper	1
16	60-2997T1	Gear	1
17	60-2998T1	Eccentric Driver	1
18	19-6032	Delrin Washer	1
19	60-2999T1	Shoulder Bushing	1
20	19-087	Lock Nut	1
21	60-2925T1	Knob	1
22	19-463	Washer	1
23	60-2935T1	Arm Rest Assy	1



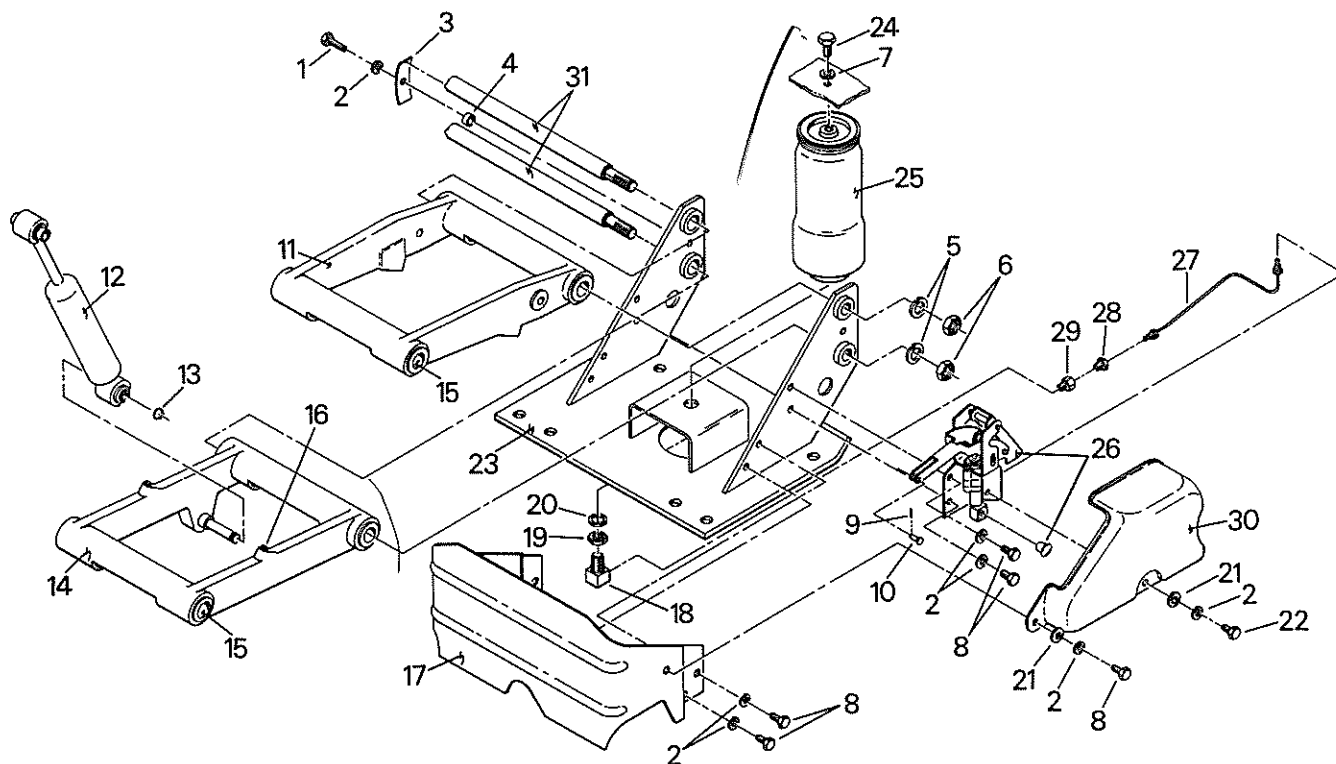
NOTE: See the following page for additional parts used in the seat suspension.

NOTE: Seat Suspension Assy P/N 60-2276T91 includes all of the items on this and the following page.

Seat Suspension

Ref.	Part No.	Description	Qty.
1	9418918	Capscrew	1
2	19-116	Lock Washer	3
3	60-2701T1	Retainer Plate	1
4	60-2702T1	Spacer	1
5	60-2703T1	Shaft	2
6	60-2704T1	Upper Support	1
7	60-2705T1	Shouldered Capscrew	2
8	19-156	Lock Washer	2
9	19-1026	Jam Nut	2
10	60-2706T1	Spring	1
11	60-2707T1	Shock Absorber Shaft	1
12	60-2708T1	Carrier Bracket	1
13	19-195	Washer	1

Ref.	Part No.	Description	Qty.
14	19-5992	Snap Ring	4
15	60-2709T1	Link	1
16	60-2710T1	Pin	2
17	19-295	Jam Nut	2
18	19-285	Lock Washer	2
19	60-2711T1	Bell Crank Assy	1
20	60-2912T1	Air Valve Link	1
21	19-558	Cotter Pin	1
22	60-2714T1	Bumper	2
23	159616	Machine Screw	2
24	60-2715T1	Handle Assy	1
25	19-1076	Tapping Screw	2



Seat Suspension

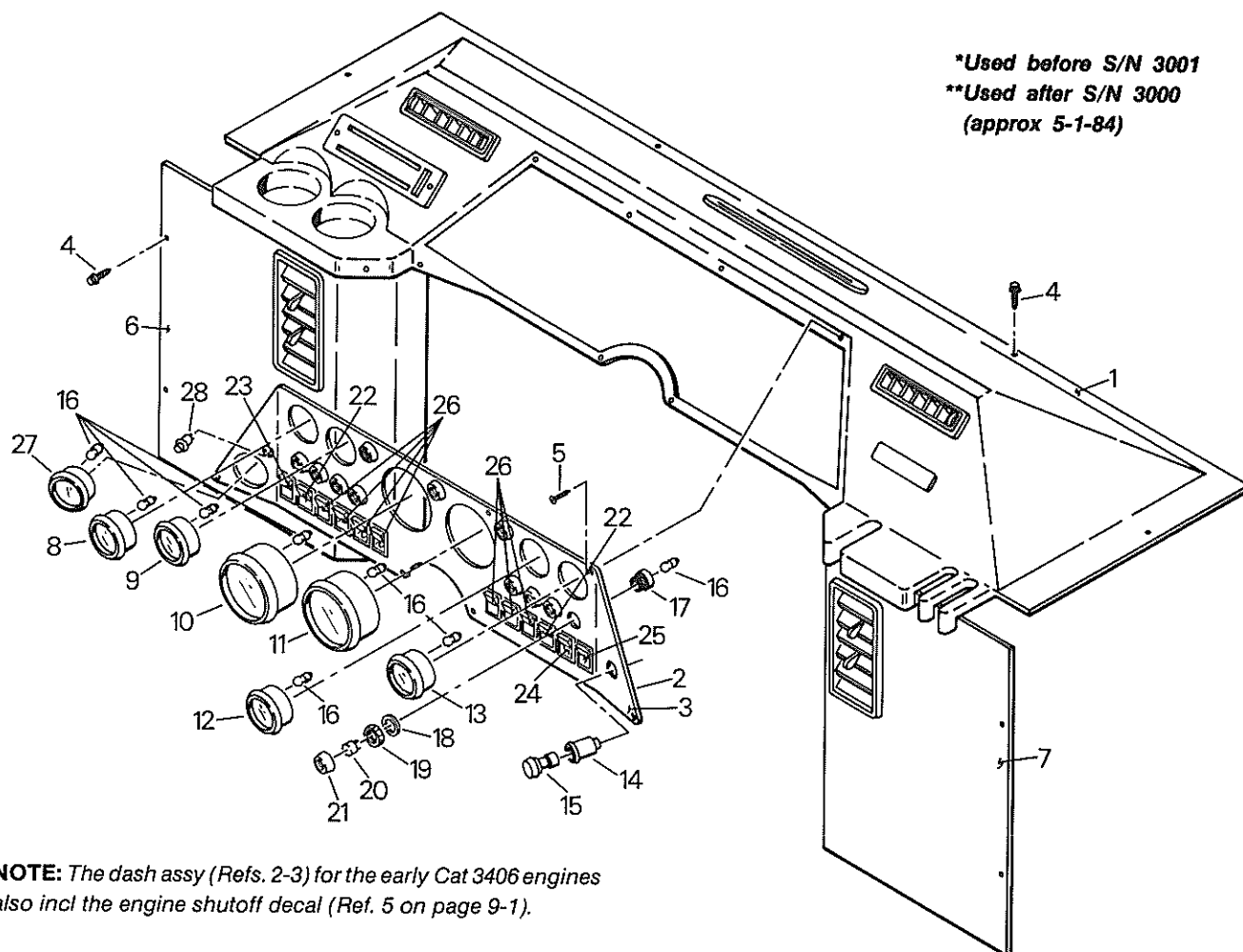
Ref.	Part No.	Description	Qty.
1	9418918	Capscrew	1
2	19-116	Lock Washer	9
3	60-2701T1	Retainer Plate	1
4	60-2702T1	Spacer	1
5	19-156	Lock Washer	2
6	19-1026	Jam Nut	2
7	19-285	Lock Washer	1
8	19-1076	Tapping Screw	7
9	19-558	Cotter Pin	1
10	19-5991	Clevis Pin	1
11	60-2716T1	Upper Arm (incl Ref. 15)	1
12	60-2717T1	Shock Absorber	1
13	19-5993	Snap Ring	1
14	60-2718T1	Lower Arm (incl Refs. 15 & 16)	1
15	60-2719T1	Bearing	8
16	60-2720T1	Bumper	2

Ref.	Part No.	Description	Qty.
17	60-2721T1	Heel Guard	1
18	60-2722T1	Fitting	1
19	60-2723T1	Nut	1
20	138559	Lock Washer	1
21	19-301	Washer	2
22	9416625	Tapping Screw	1
23	60-2724T1	Base	1
24	19-016	Capscrew	1
25	60-2725T1	Air Spring	1
26	60-2726T1	Air Valve Assy	1
27	60-2727T1	Tube	1
28	60-2728T1	Fitting	1
29	60-2729T1	Fitting	1
30	60-2730T1	Air Valve Shroud	1
31	60-2731T1	Shaft	2

*Used before S/N 3001

**Used after S/N 3000

(approx 5-1-84)

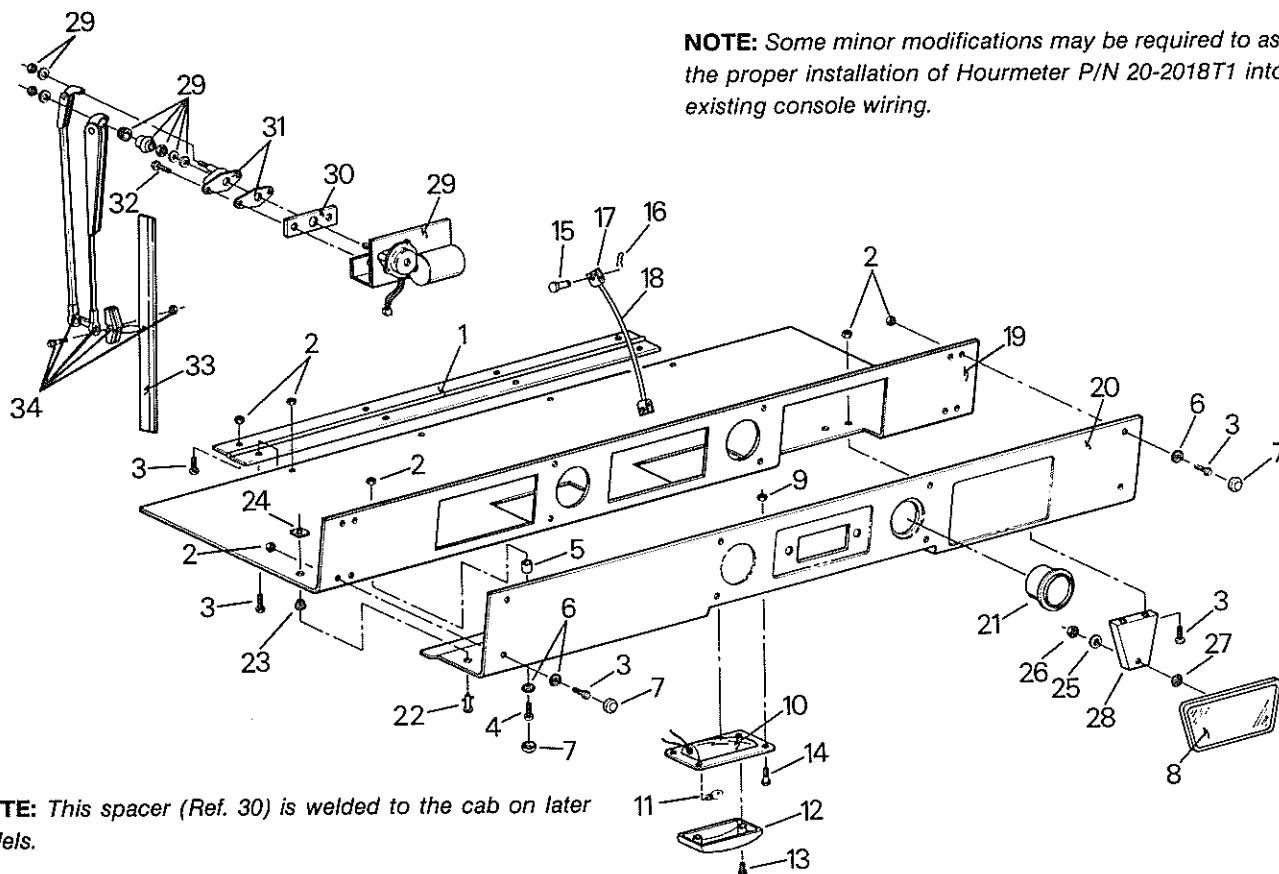


NOTE: The dash assy (Refs. 2-3) for the early Cat 3406 engines also incl the engine shutoff decal (Ref. 5 on page 9-1).

Dash & Instruments

Ref.	Part No.	Description	Qty.
1	01-8658T1	Dash	1
2-3	60-2085T92	Dash Assy (D)* (Early Cat 3406 Engines)	1
	60-2158T92	Dash Assy (D)** (Later Cat 3406 & All Cummins 855 Engines)	
2	60-2078T1	Dash (D)*	1
	60-2157T1	Dash (D)**	
3	60-2079T2	Woodgrain Decal	1
4	19-958	Tapping Screw	10
5	19-1003	Self-Tapping Screw	8
6	01-5076	Skirt (Left)	1
7	01-5078	Skirt (Right)	1
8	22-743T1	Voltmeter (22-743 - Code B)	1
9	01-8609	Fuel Gauge	1
10	20-1412T2	Speedometer	1
11	20-1511T1	Tach	1
12	20-1306T1	Engine Temp Gauge	1
13	22-744T1	Engine Oil Press. Gauge (22-745 - Code B)	1
14	22-728	Lighter Receptacle	1
15	22-727	Lighter Plug	1
16	22-717	Bulb	17
17	22-716	Housing	11

Ref.	Part No.	Description	Qty.
18	22-725	Washer	11
19	22-715	Nut	11
20	22-721	Lens - Trans Oil Press.	1
	22-720	Lens - Trans Oil Temp	1
	22-718	Lens - Engine Oil Temp	1
	22-722	Lens - Park Brake	1
	22-719	Lens - Engine Oil Press.	1
	22-723	Lens - Headlamp Indicator	1
	22-724	Lens - Turn Signal Indicator	2
	47-4341	Lens - Amber	2
	47-4342	Lens - Red	1
21	22-714	Lens Shroud	11
22	01-6153	Switch - Dash & Rear Wiper	2
23	01-6154	Switch - Ether Start Aid	1
24	20-1091T2	Switch - Field/Road Lights (20-1091T1 - Code B)	1
25	20-1092T2	Switch - Master (20-1092T1 - Code B)	1
26	01-6150	Switch - Dome Light, Park Brake, Implement & Extra (4)	7
27	20-1365T1	Air Press. Gauge	1
28	01-7128	Switch Assy (Early Cat 3406 Engines only)	1



NOTE: Some minor modifications may be required to assure the proper installation of Hourmeter P/N 20-2018T1 into the existing console wiring.

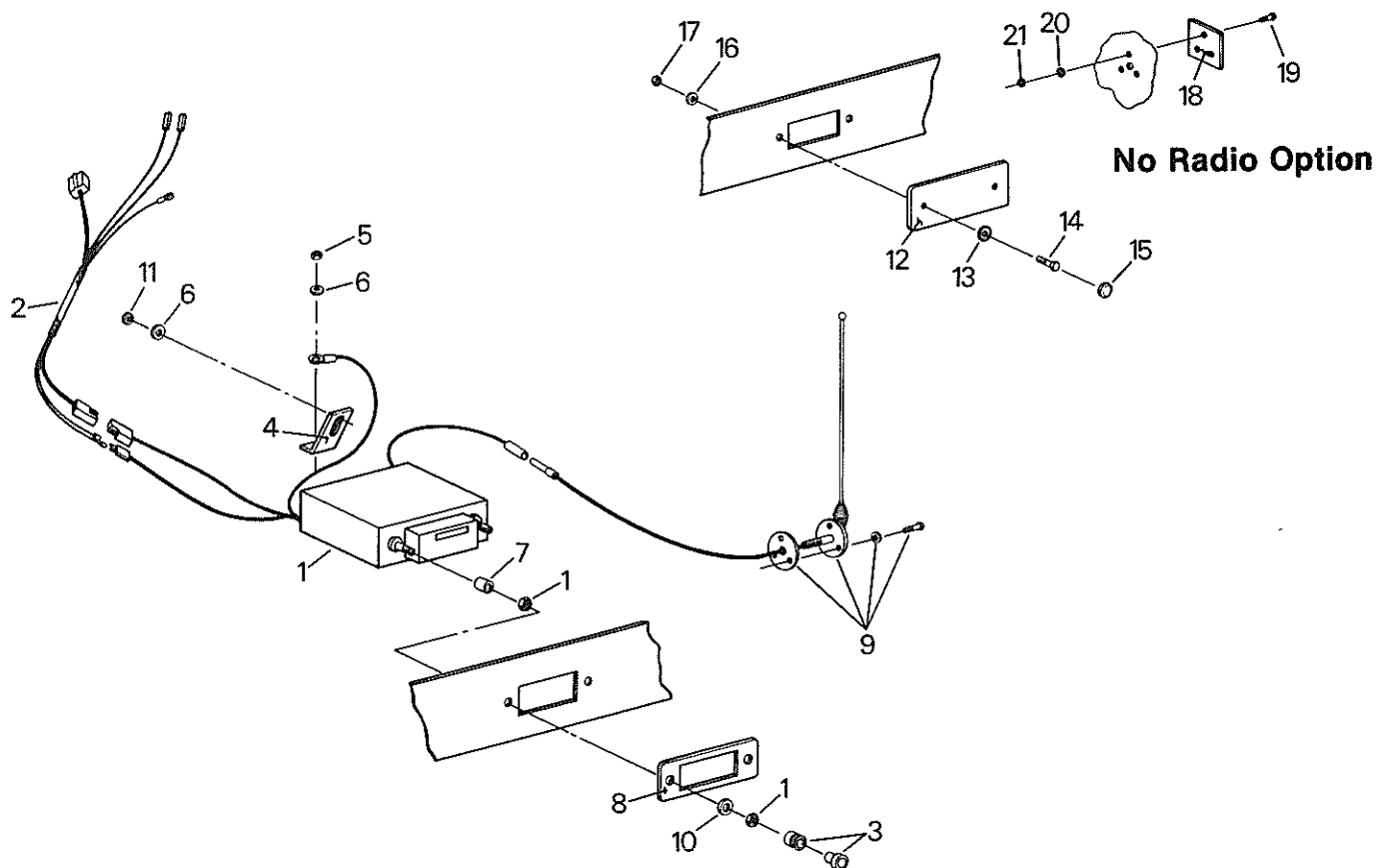
***NOTE:** This spacer (Ref. 30) is welded to the cab on later models.

NOTE: Wiper Blade Assy P/N 54-312 can only be used on the glass windows; P/N 60-1145T91 can be used on both the glass and Lexan® windows.

Front Console

Ref.	Part No.	Description	Qty.
1	01-4291	Hinge	1
2	19-5563	Lock Nut	23
3	19-867	Machine Screw	19
4	454774	Machine Screw	4
5	31-1354	Spacer	4
6	01-8674	Cap Washer	13
7	01-8673	Cap	13
8	01-8617	Mirror	1
9	19-5564	Lock Nut	8
10-13	01-9063T91	Dome Light Assy	2
10	NSS	Housing	1
11	01-9065	Bulb	1
12	01-9064	Lens	1
13	155830	Machine Screw	2
14	155857	Machine Screw	8
15	19-143	Clevis Pin	2
16	19-5380	Hair Pin	2
17	01-4657	Clevis	2
18	01-4656	Lanyard Cable	1
19	60-1838T1	Console (Fujitsu Radio)	1
	60-1838T2	Console (Panasonic Radio)	
20	60-1841T2	Trim Panel (Fujitsu Radio)	1
	60-3489T1	Trim Panel (Panasonic Radio)	

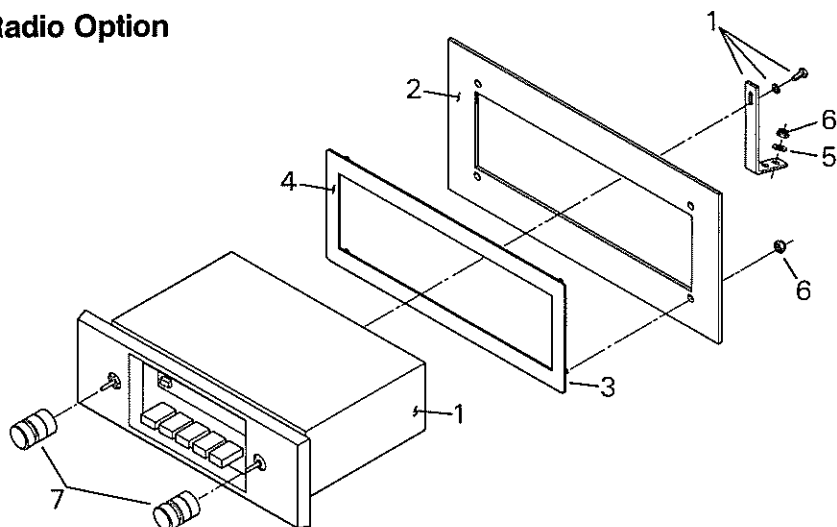
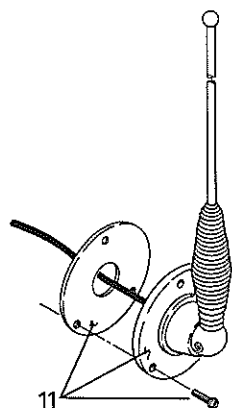
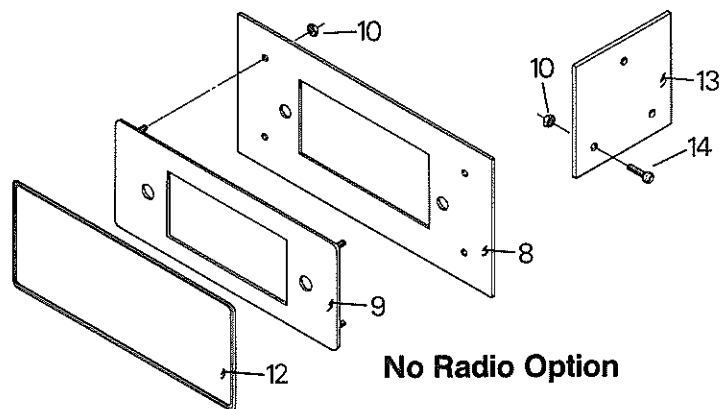
Ref.	Part No.	Description	Qty.
21	20-2018T1	Hourmeter (see Note) (22-735 - Code C) (20-1404T1 - Code B)	1
22	19-5568	Quarter Turn Stud	2
23	19-5569	Quarter Turn Retainer	2
24	19-5570	Quarter Turn Receptacle	2
25	19-223	Washer	1
26	19-5565	Lock Nut	1
27	19-467	Lock Washer	1
28	64-086	Mirror Bracket	1
29		Wiper Drive Assy (Front) (see Page 1-20)	1
30	54-310	Spacer*	1
31	54-311	Pantograph Kit	1
32	19-939	Capscrew (w/o Window Washer option)	2
	19-1048	Capscrew (with Window Washer option)	
33	60-1145T91	Wiper Blade Assy (see Note) (54-312 - Code B)	1
	02-4194T1	Wiper Blade (for P/N 60-1145T91 only)	1
34	54-313	Wiper Arm	1



Radio & Mounting

(Fujitsu AM-FM Stereo Radio)

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	60-1554T91	AM-FM Stereo Radio	1	10	19-5409	Trim Washer	2
2	20-1299T1	Wire Harness	1	11	19-2250	Jam Nut	1
3	01-4357	Knob Set (replaces 60-1755T1 outer knob & 60-1754T1 inner knob which may no longer be purchased separately)	1	12	02-1784T1	Trim Plate	1
4	60-1708T1	Bracket	1	13	01-3991	Caplug Washer	2
5	19-567	Nut	1	14	19-006	Capscrew	2
6	19-467	Lock Washer	2	15	01-3990	Caplug	2
7	60-1711T1	Spacer	2	16	19-700	Washer	2
8	60-1710T91	Decal/Bezel Assy	1	17	19-802	Lock Nut	2
	60-1707T1	Decal	1	18	02-1783T1	Cover Plate	1
9	01-4545	Antenna Assy (incl all mounting hardware)	1	19	19-572	Machine Screw	3
				20	19-297	Lock Washer	3
				21	19-308	Nut	3
				22	01-1055	RTV Sealant (not shown)	AR

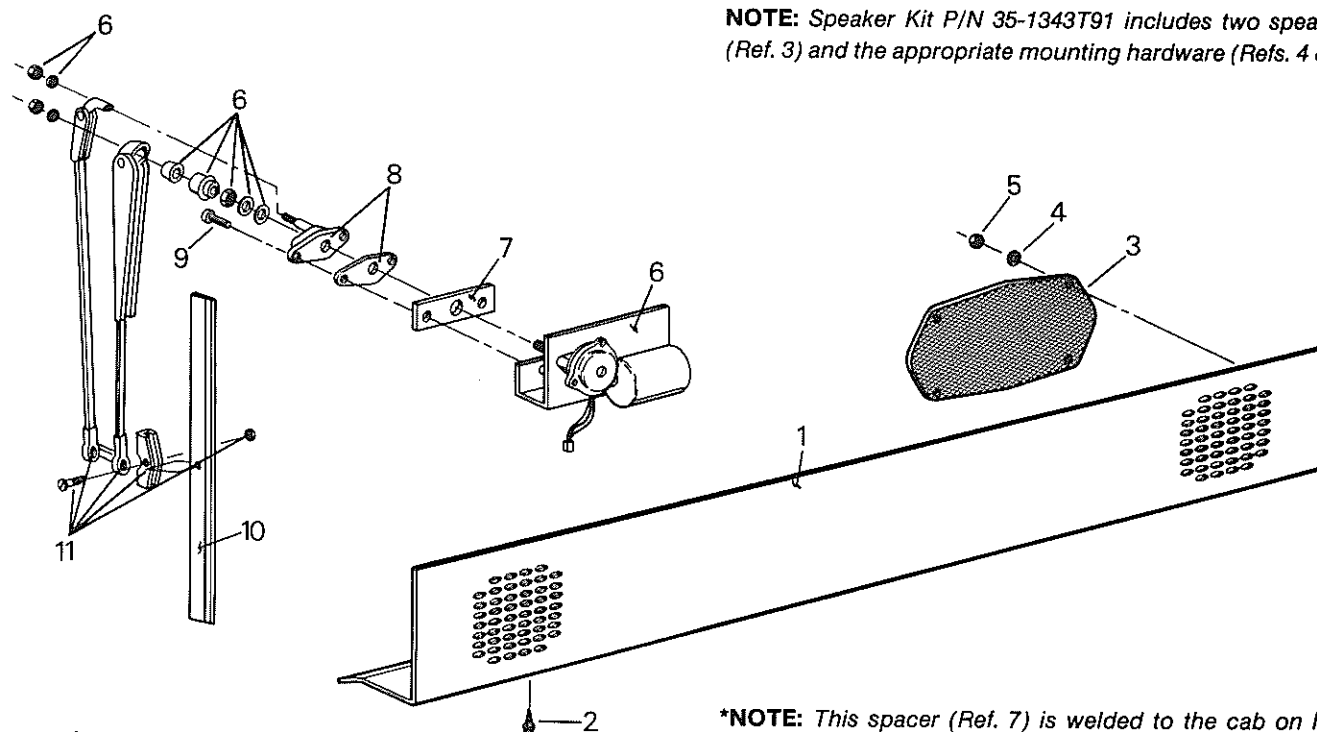


Radio & Mounting

(Panasonic AM-FM Stereo Radio)

Ref.	Part No.	Description	Qty.
1	60-3905T1	AM-FM Stereo Radio (incl Ref. 7)	1
2	60-3483T1	Plate	1
3	60-3485T1	Mount Plate	1
4	60-3486T1	Decal	1
5	9421089	Washer	1
6	19-5563	Lock Nut	5
7	01-4357	Knob Set	1

Ref.	Part No.	Description	Qty.
8	60-3080T1	Plate	1
9	60-3079T1	Panel	1
10	9411893	Lock Nut	7
11	01-4545	Antenna Assy (incl all mounting hardware)	1
12	60-3088T1	Decal	1
13	02-1783T1	Cover Plate	1
14	19-572	Machine Screw	3



NOTE: Speaker Kit P/N 35-1343T91 includes two speakers (Ref. 3) and the appropriate mounting hardware (Refs. 4 & 5).

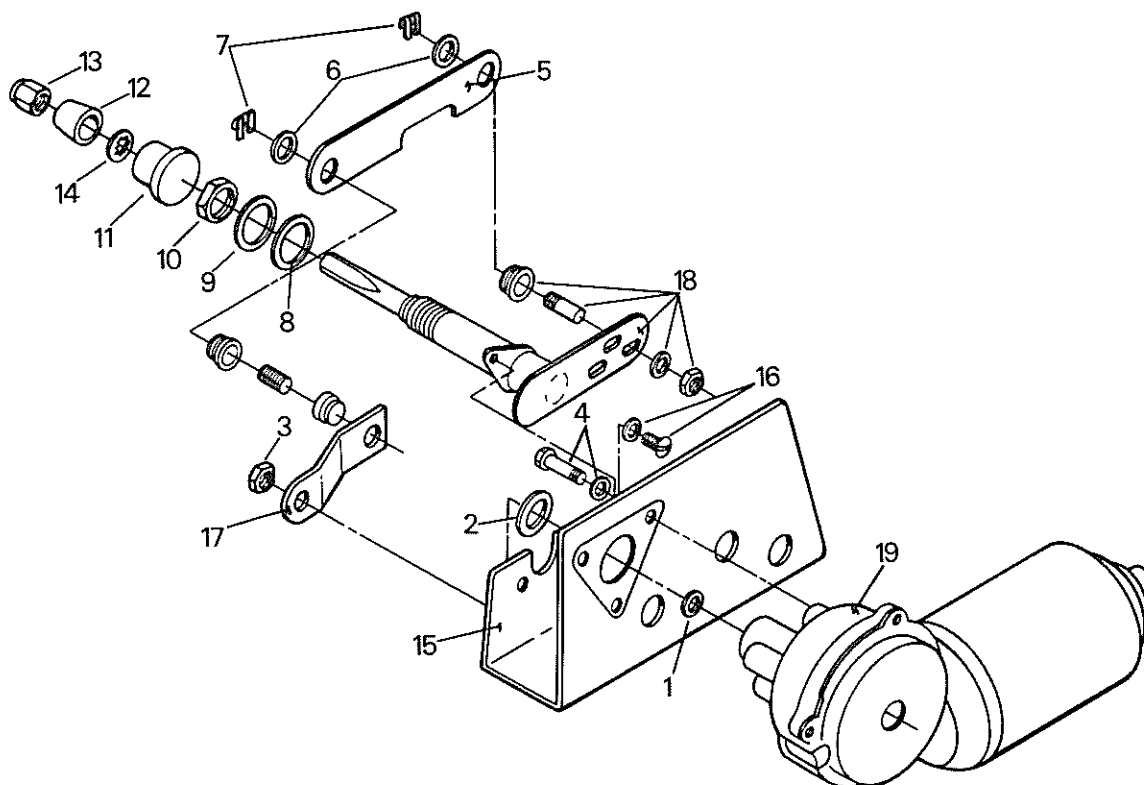
***NOTE:** This spacer (Ref. 7) is welded to the cab on later models.

NOTE: Wiper Blade Assy P/N 54-312 can only be used on the glass windows; P/N 60-1145T91 can be used on both the glass and Lexan® windows.

Rear Console

Ref.	Part No.	Description	Qty.
1	60-1836T1	Console	1
2	19-958	Tapping Screw	4
3	60-2077T1	Speaker	2
4	19-699	Washer	8
5	19-5563	Lock Nut	8
6		Wiper Drive Assy (Rear) (see Page 1-20)	1
7	54-310	Spacer*	1
8	54-311	Pantograph Kit	1

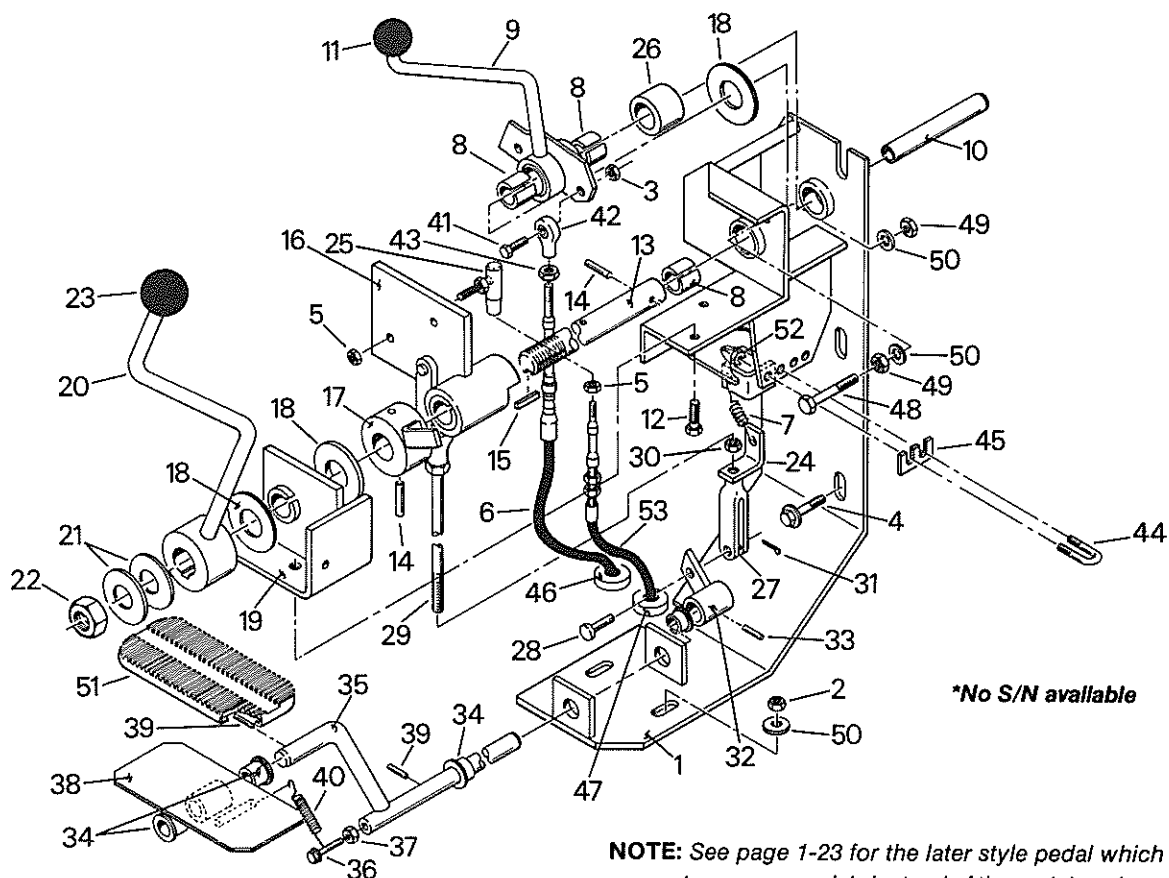
Ref.	Part No.	Description	Qty.
9	19-939	Capscrew (w/o Window Washer option)	2
	19-1048	Capscrew (with Window Washer option)	
10	60-1145T91	Wiper Blade Assy (see Note) (54-312 - Code B)	1
	02-4194T1	Wiper Blade (for P/N 60-1145T91 only)	1
11	54-313	Wiper Arm	1



Wiper Drive Assembly

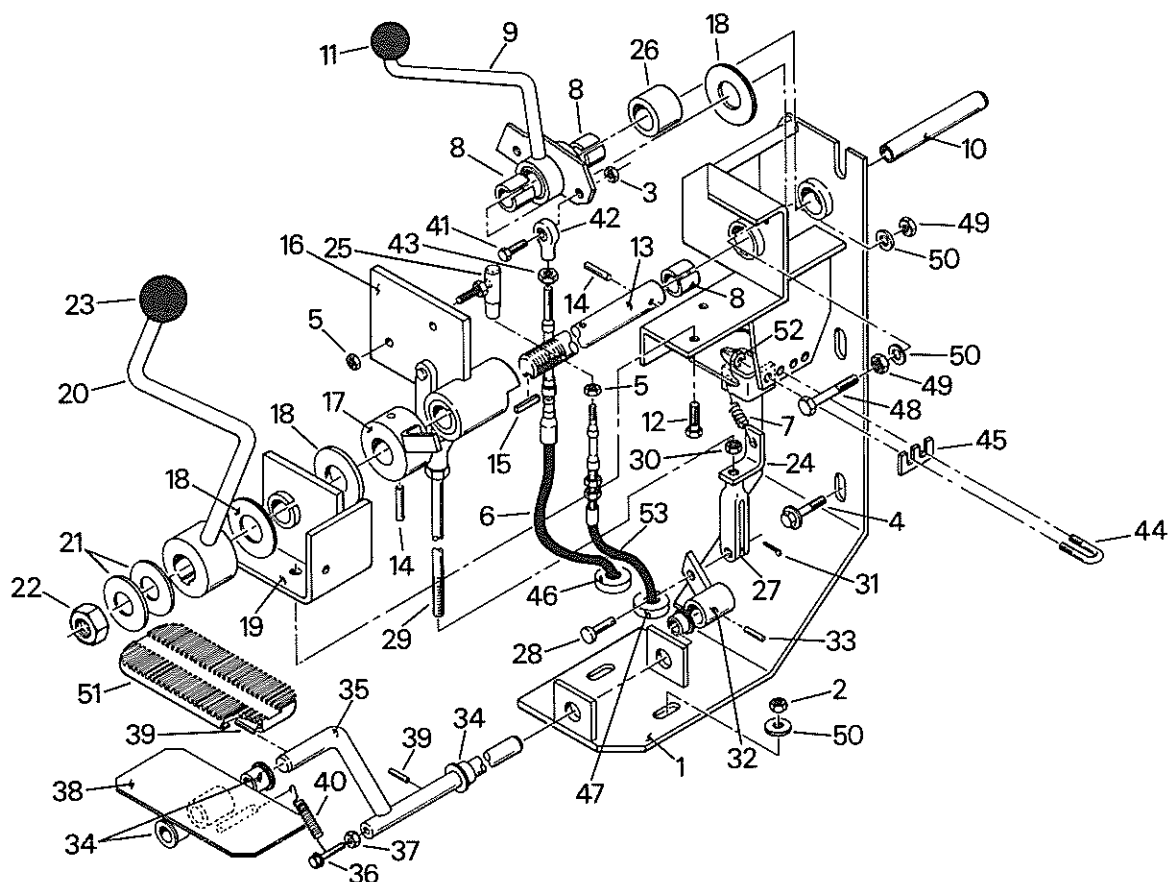
Ref.	Part No.	Description	Qty.
1-19	20-1204T91	Wiper Drive Assy (Front)	1
	20-1212T91	Wiper Drive Assy (Rear)	
1	01-9415	Spacer	3
2	01-2678	Washer	1
3	01-2680	Nut	1
4	01-2682	Machine Screw & Washer	3
5	01-2683	Connecting Link	1
6	01-2684	Spacing Washer	2
7	01-2685	Spring Clip	2
8	01-9416	Washer	1
9	01-9417	Washer	1

Ref.	Part No.	Description	Qty.
10	01-9418	Nut	1
11	01-9419	Cap	1
12	01-9420	Knurled Driver	1
13	01-9421	Nut	1
14	01-9422	Washer	1
15	01-2681	Bracket	1
16	01-2686	Machine Screw & Washer	2
17	01-2679	Drive Arm	1
18	01-2668	Pivot Shaft Assy	1
19	NSS	Motor Assy	1



Throttle & Transfer Case Controls (Early Style*)

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	01-4359T1	Lever Support	1	21	04-577	Spring Washer	2
2	19-078	Nut	2	22	19-496	Nut	1
3	19-5777	Lock Nut	1	23	24-210	Knob	1
4	19-957	Screw	3	24	02-4495T1	Angle	2
5	19-308	Nut	2	25	06-1431	Ball Joint	1
6	01-3561	Transfer Case Cable	1	26	01-4249	Hub	1
7	19-5820	Spring	1	27	19-140	Clevis	2
8	24-209	Bearing	6	28	19-143	Clevis Pin	2
9	02-2524T3	Transfer Case Lever	1	29	02-4494T1	Rod	1
10	24-216	Shaft	1	30	19-088	Nut	2
11	54-364	Knob	1	31	19-238	Cotter Pin	2
12	19-288	Capscrew	2	32	04-556	Lever	1
13	04-551	Shaft	1	33	19-505	Roll Pin	1
14	19-950	Roll Pin	2	34	24-206	Bearing	4
15	19-951	Key	1	35	02-4498T1	Shaft	1
16	02-4497T1	Lever	1	36	19-3061	Machine Screw	1
17	02-4520T2	Lever	1	37	19-567	Nut	1
18	04-566	Disc	3	38	04-554	Pedal	1
19	04-574T3	Support	1	39	19-952	Roll Pin	3
20	04-564	Throttle Lever	1	40	11-021	Spring	1

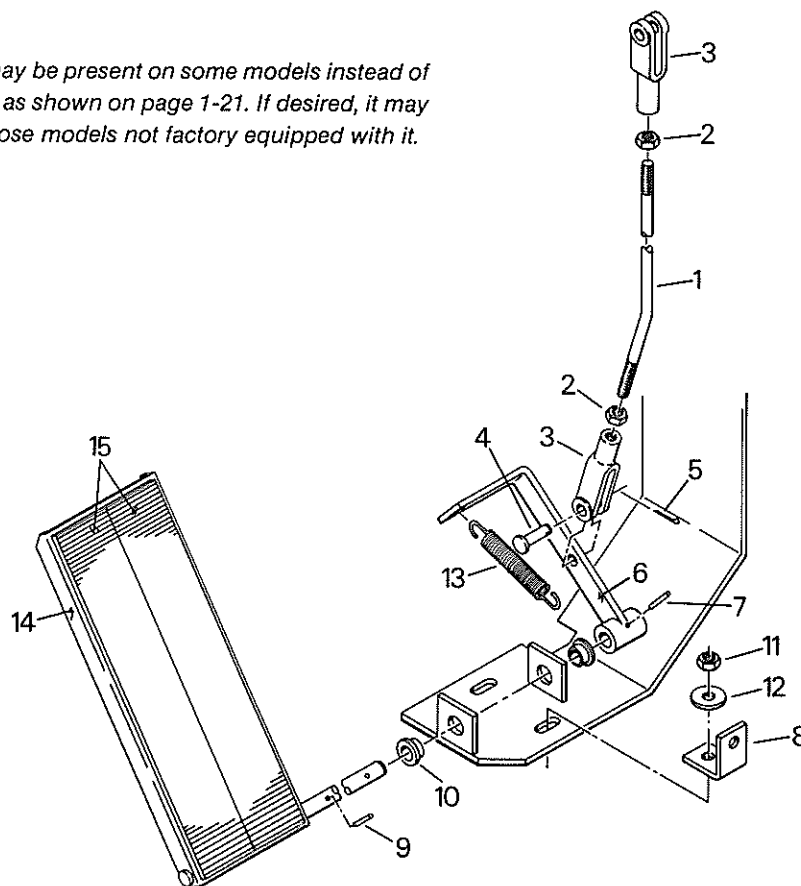


Throttle & Transfer Case Controls (Early Style*)

Ref.	Part No.	Description	Qty.
41	19-007	Capscrew	1
42	01-3332	Rod End	1
43	19-236	Jam Nut	1
44	19-5402	U-Bolt	1
45	02-3008T1	Shim	1
46	01-1050	Grommet	1
47	01-1051	Grommet	1
48	19-022	Capscrew	1

Ref.	Part No.	Description	Qty.
49	19-295	Nut	2
50	19-224	Washer	4
51	24-013	Pedal Pad	1
52	19-509	Lock Nut	2
53	29-058	Throttle Cable (Cat 3406 Engine)	1
	01-4481	Throttle Cable (Cummins 855 Engine)	

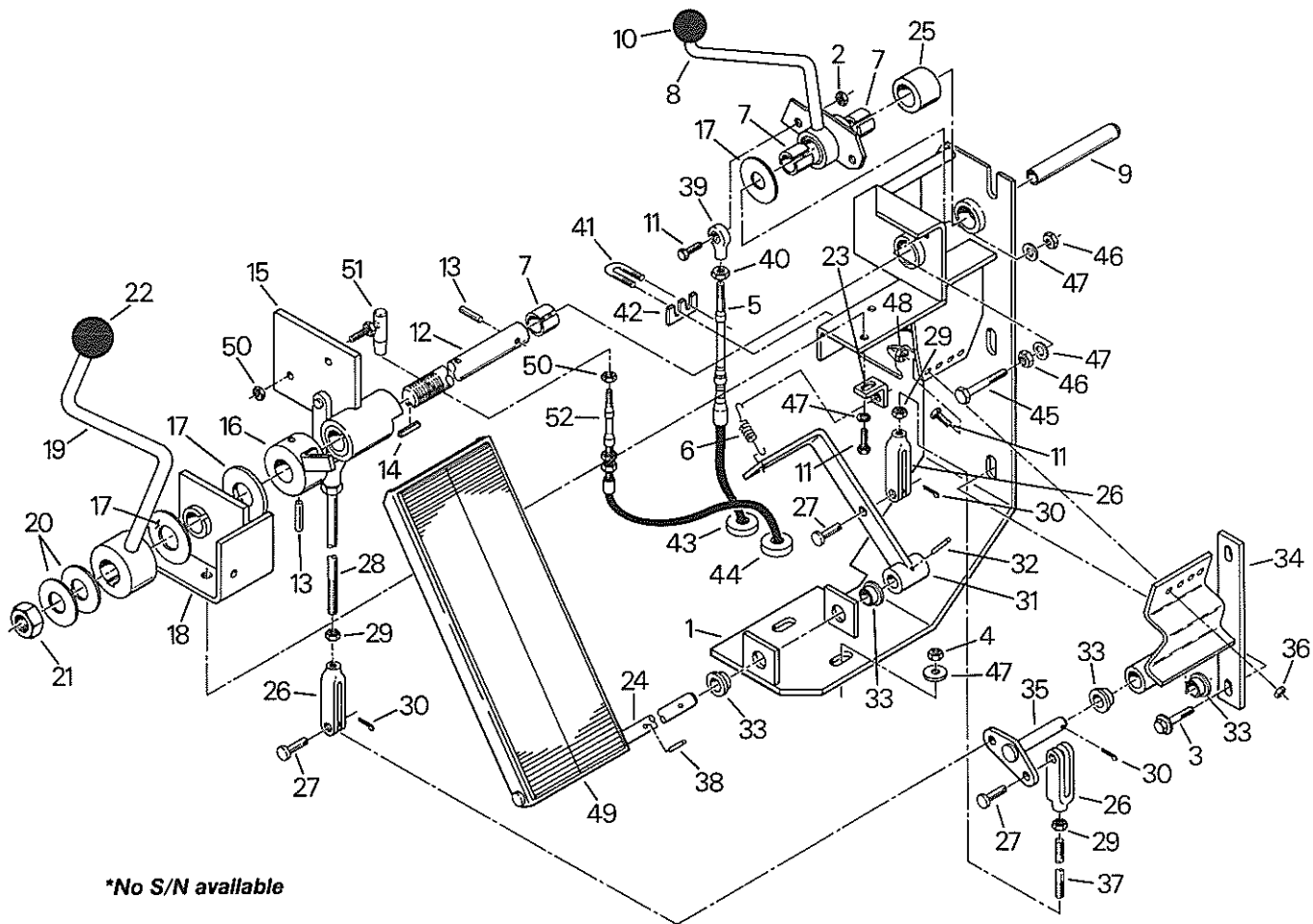
NOTE: This pedal may be present on some models instead of the early style pedal as shown on page 1-21. If desired, it may be retrofitted into those models not factory equipped with it.



Accelerator Pedal & Mounting

Ref.	Part No.	Description	Qty.
1	04-552T1	Rod	1
2	19-088	Nut	2
3	19-140	Clevis	2
4	19-143	Clevis Pin	2
5	19-238	Cotter Pin	2
6	60-3354T1	Lever	1
7	19-505	Roll Pin	1
8	02-6892T1	Angle Bracket	1

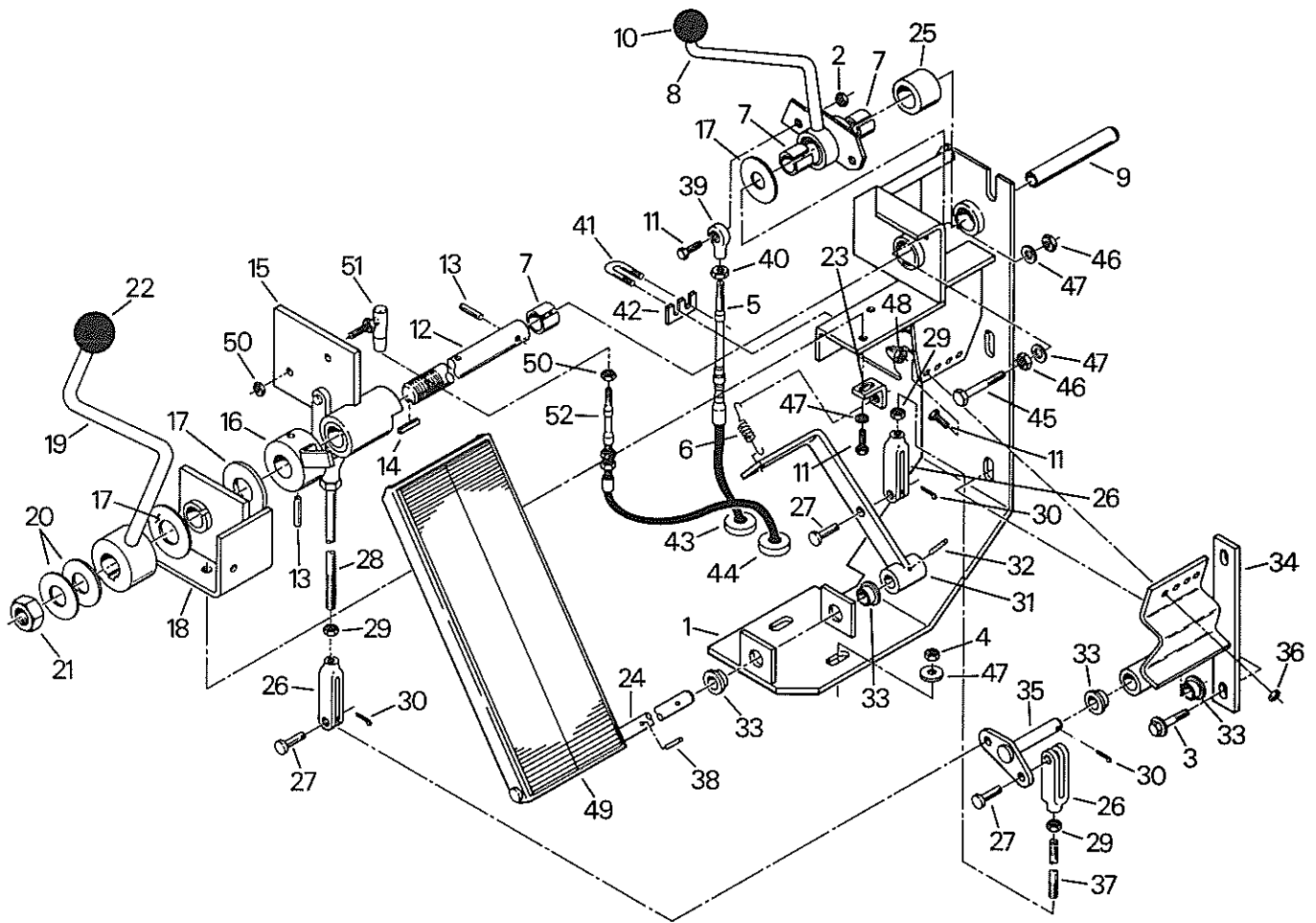
Ref.	Part No.	Description	Qty.
9	19-952	Roll Pin	1
10	24-206	Bearing	2
11	19-078	Nut	2
12	19-224	Washer	2
13	19-5820	Spring	1
14	60-3357T1	Pedal	1
15	60-3383T1	Safety Walk Tape	2



Throttle & Transfer Case Controls (Later Style*)

Ref.	Part No.	Description	Qty.
1	01-4359T1	Lever Support	1
2	19-5777	Lock Nut	1
3	19-5707	Tapping Screw	3
4	19-078	Nut	2
5	01-3561	Transfer Case Cable	1
6	19-5820	Spring	2
7	24-209	Bearing	6
8	02-2524T3	Transfer Case Lever	1
9	24-216	Shaft	1
10	54-364	Knob	1
11	19-007	Capscrew	5
12	60-4532T1	Shaft	1
13	19-950	Roll Pin	2
14	19-951	Key	1
15	02-4497T1	Lever	1
16	02-4520T2	Lever	1
17	04-566	Disc	3
18	04-574T3	Support	1
19	04-564	Throttle Lever	1
20	04-577	Spring Washer	2

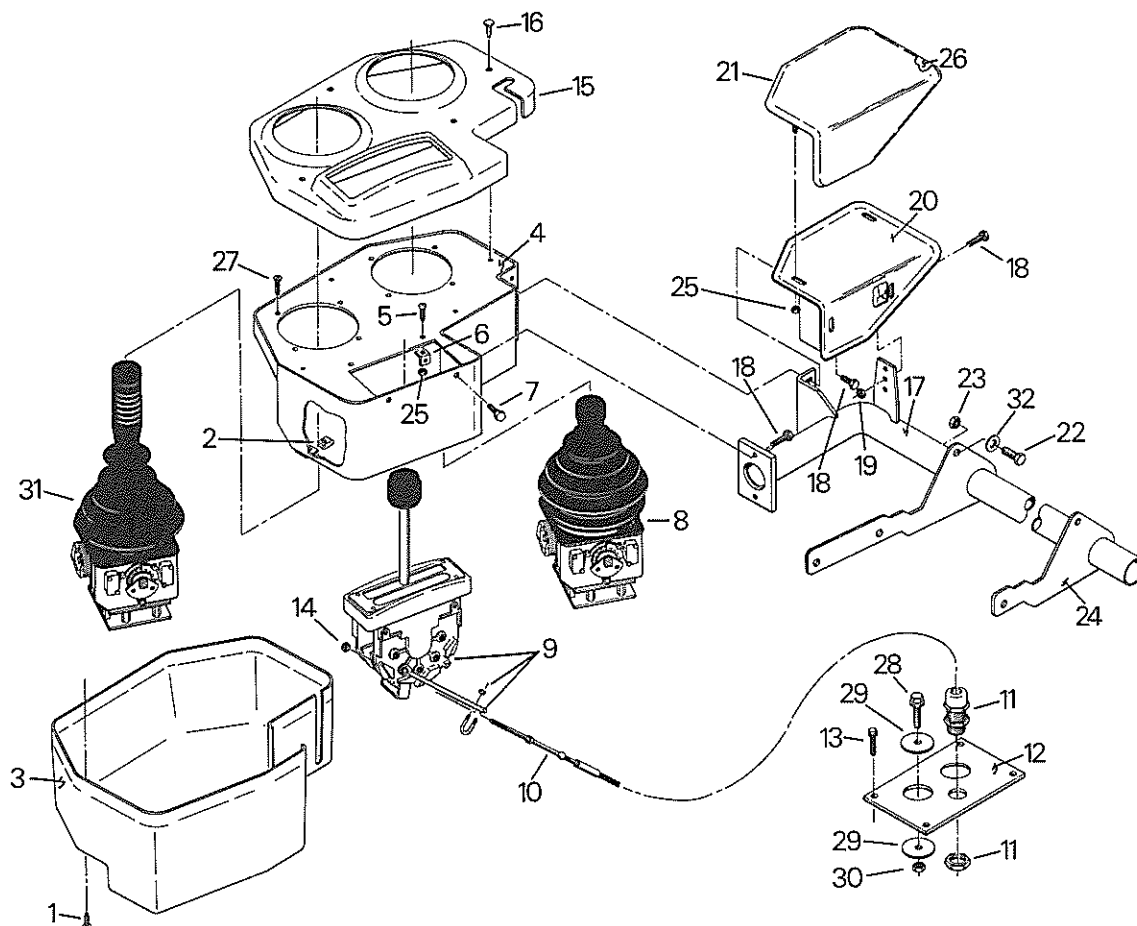
Ref.	Part No.	Description	Qty.
21	19-496	Nut	1
22	24-210	Knob	1
23	02-6892T1	Angle	1
24	60-3357T1	Pedal	1
25	01-4249	Hub	1
26	19-140	Clevis	4
27	19-143	Clevis Pin	4
28	60-4398T1	Rod	1
29	19-088	Nut	4
30	19-238	Cotter Pin	5
31	60-3354T1	Lever	1
32	19-505	Roll Pin	1
33	24-206	Bearing	4
34	60-4393T1	Mount	1
35	60-4395T1	Bell Crank	1
36	19-802	Lock Nut	2
37	60-4399T1	Rod	1
38	19-952	Roll Pin	1
39	01-3332	Rod End	1
40	19-236	Jam Nut	1



Throttle & Transfer Case Controls (Later Style*)

Ref.	Part No.	Description	Qty.
41	19-5402	U-Bolt	1
42	02-3008T1	Shim	1
43	01-1050	Grommet	1
44	01-1051	Grommet	1
45	19-022	Capscrew	1
46	19-295	Nut	2
47	19-224	Washer	6
48	19-509	Lock Nut	2

Ref.	Part No.	Description	Qty.
49	60-3383T1	Safety Walk Tape	2
50	19-308	Nut	2
51	06-1431	Ball Joint	1
52	29-058	Throttle Cable (Cat 3406 Engine)	1
	01-4481	Throttle Cable (Cummins 855 Engine)	

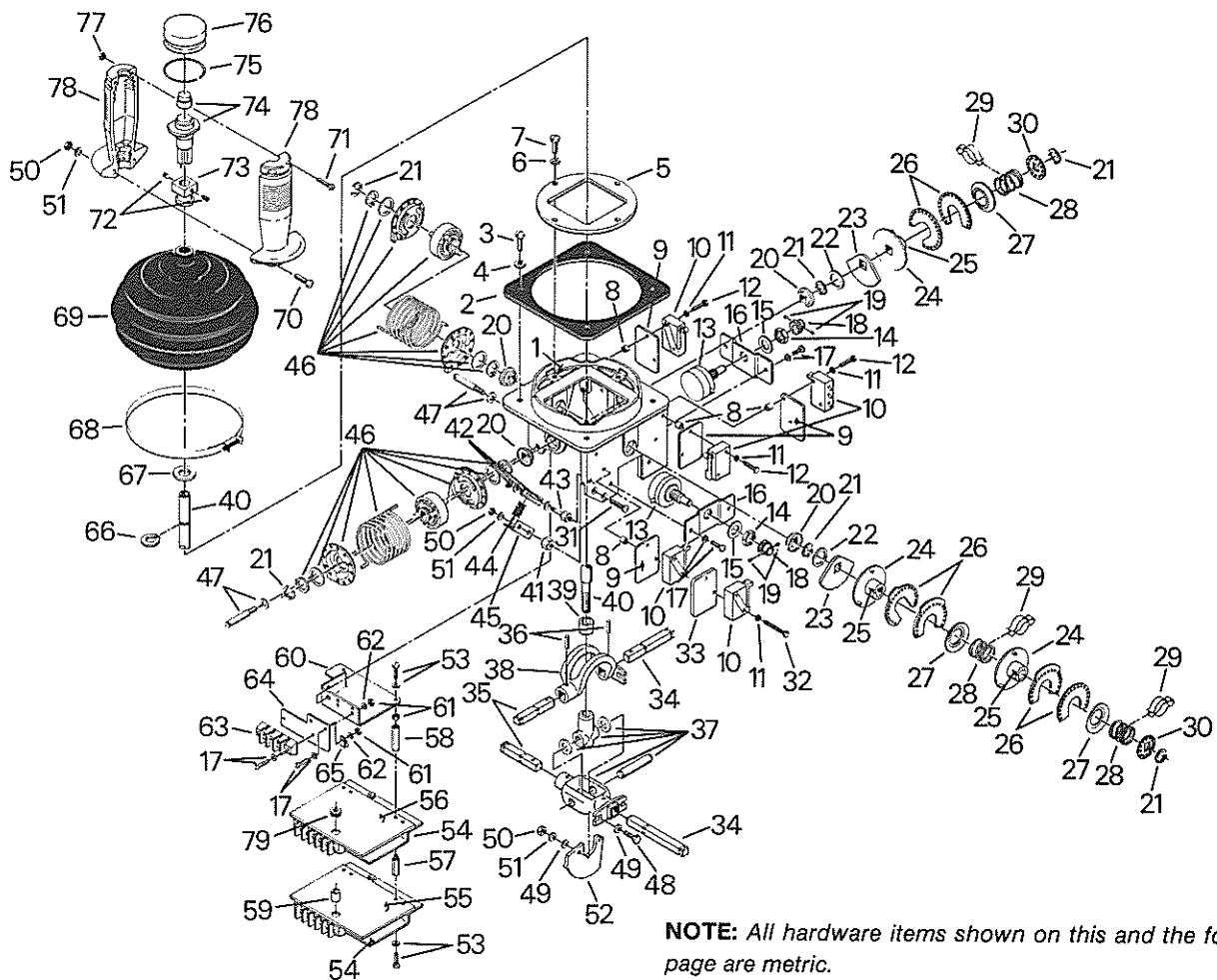


NOTE: The illustration shows the proper orientation of the joystick controllers (tall front - short back); however, other various arrangements may be present on some early models.

Control Console & Mounting

Ref.	Part No.	Description	Qty.
1	9419328	Tapping Screw	3
2	19-5952	Speed Nut	3
3	60-2496T1	Console Cover	1
4	60-2527T2	Enclosure	1
5	159927	Machine Screw	2
6	60-2528T1	Angle	2
7	9419000	Capscrew	4
8	60-2499T92	Joystick Controller (see Note)	1
9		Trans Control Assy (see Page 1-29)	1
10	01-3901	Trans Control Cable	1
11	60-1224T1	Connector	1
12	60-2222T3	Plate	1
13	19-958	Tapping Screw	4
14	19-236	Jam Nut	1
15	60-2497T1	Console Cover	1
16	19-5954	Clip	4
17	60-2510T2	Console Mount (60-2510T1 - Code E)	1

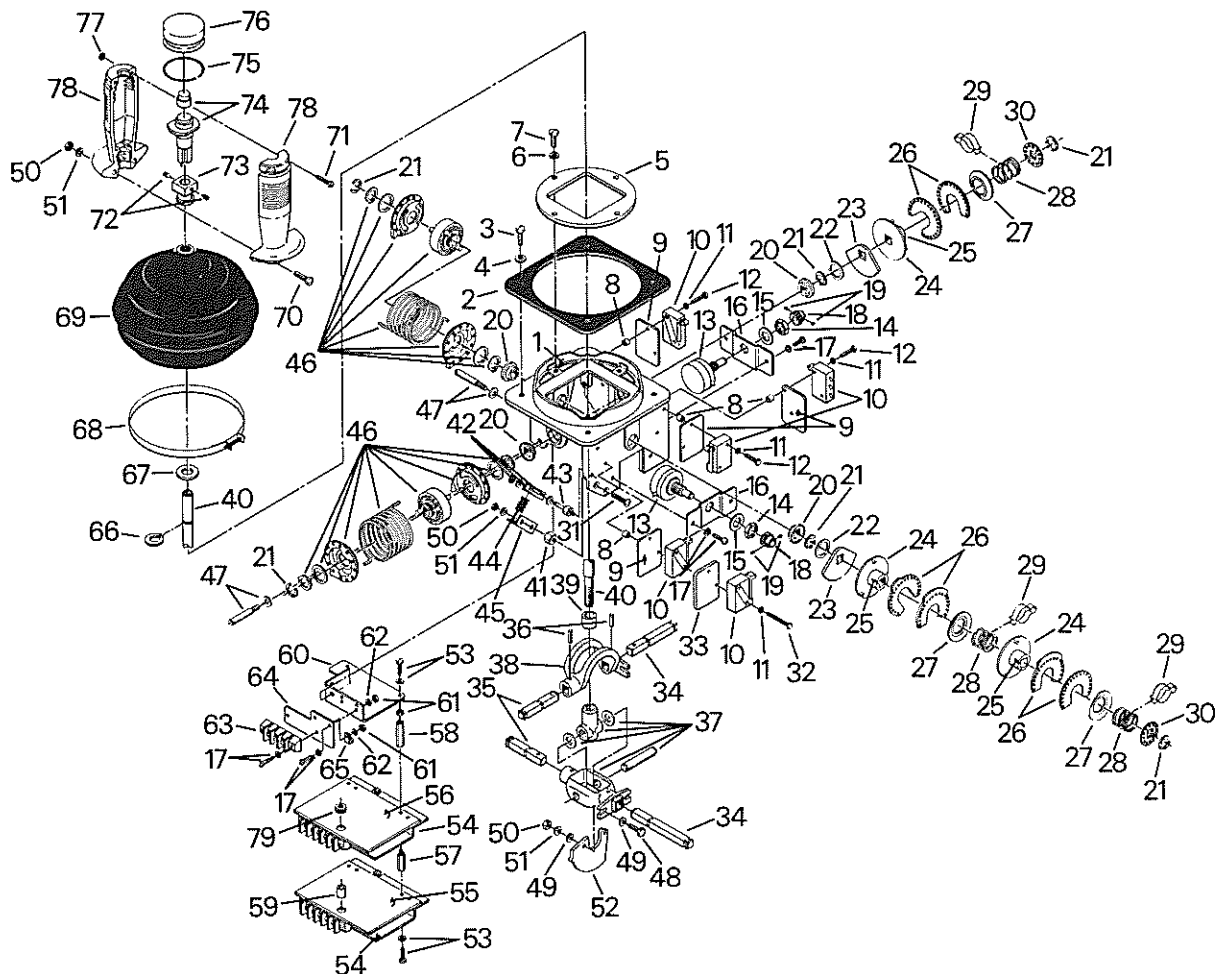
Ref.	Part No.	Description	Qty.
18	9419004	Capscrew	5
19	19-076	Nut	1
20	60-2523T1	Base	1
21	60-2538T2	Arm Rest Upholstery	1
22	19-5850	Capscrew	5
23	19-802	Lock Nut	5
24	60-2570T2	Plate	1
25	116000	Nut	6
26	60-2525T1	Arm Rest	1
27	436751	Machine Screw	8
28	19-5851	Flanged Capscrew	1
29	19-806	Washer	2
30	19-082	Lock Nut	1
31	60-3326T91	Joystick Controller (see Note) (see Page 1-27)	1
32	19-700	Washer	5
33	01-1055	RTV Sealant (not shown)	AR



Joystick Controller Assembly

Ref.	Part No.	Description	Qty.
1-79	60-3326T92	Joystick Controller Assy	1
1	60-3604T1	Housing	1
2	60-2812T1	Gasket	1
3	40-1189	Machine Screw	4
4	40-1210	Washer	4
5	60-3605T1	Gate	1
6	40-1196	Spring Washer	4
7	40-1190	Machine Screw	4
8	60-3606T1	Spacer	4
9	60-3607T1	Insulator	4
10	20-2035T1	Switch (60-3608T1 - Code E)	5
11	40-1197	Spring Washer	8
12	40-1193	Machine Screw	6
13	60-3609T1	Potentiometer	2
14	60-3610T1	Mounting Nut	2
15	60-3611T1	Star Washer	2
16	60-3612T1	Bracket	2
17	40-1198	Machine Screw	8
18	60-3613T1	Gear	2
19	40-1199	Set Screw	4
20	60-3614T1	Bushing	4
21	40-1201	Retaining Ring	6

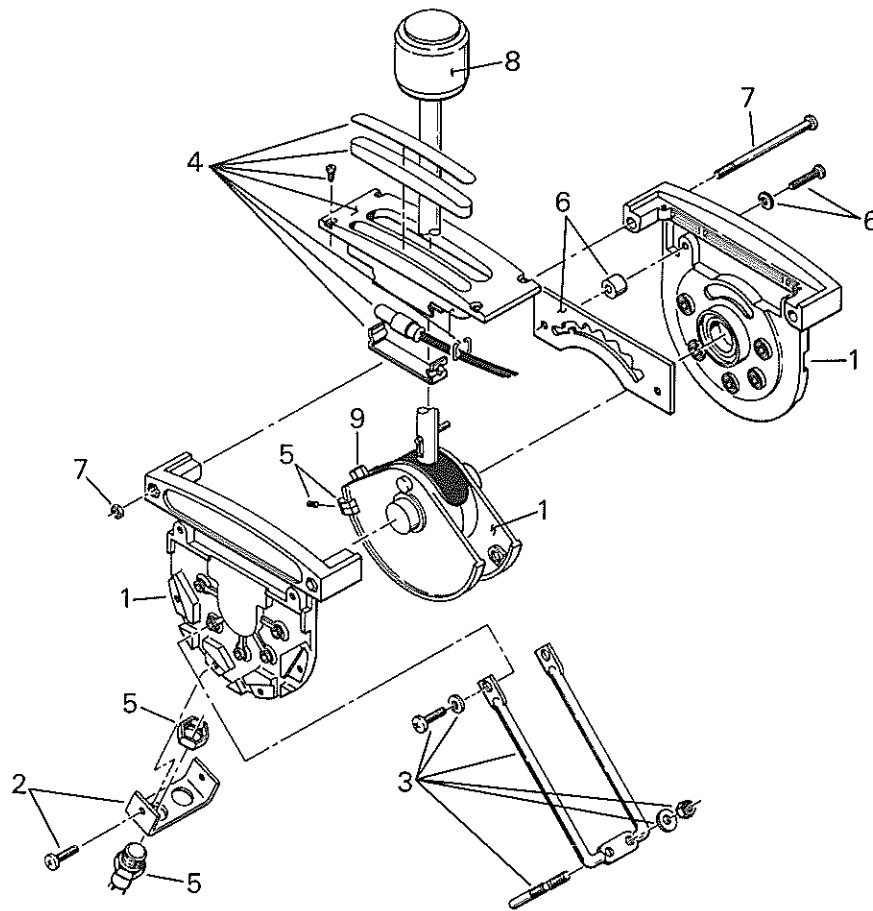
Ref.	Part No.	Description	Qty.
22	60-3615T1	Spacer	2
23	60-3616T1	Gear	2
24	60-3617T1	Retainer	3
25	60-3618T1	Spacer	3
26	60-3619T1	Cam	6
27	60-3620T1	Retainer Disc	3
28	60-3621T1	Spring	3
29	60-3622T1	Clip	3
30	60-3623T1	Plate	2
31	40-1202	Machine Screw	2
32	40-1194	Machine Screw	2
33	60-3624T1	Insulator	1
34	60-3625T1	Shaft	2
35	60-3626T1	Shaft	2
36	40-1160	Roll Pin	4
37	60-3627T1	Operating Assy	1
38	60-3628T1	Operating Mechanism	1
39	60-3629T1	Bearing	1
40	60-3630T1	Shaft	1
41	60-3631T1	Standoff	2
42	60-3632T1	Detent Arm	1
43	60-3633T1	Bolt	1



Joystick Controller Assembly

Ref.	Part No.	Description	Qty.
44	60-3634T1	Spring	1
45	60-3635T1	Bracket	1
46	60-3636T1	Return Mechanism	2
47	60-3637T1	Bolt Assy	2
48	40-1208	Capscrew	2
49	40-1211	Washer	4
50	40-1206	Nut	6
51	40-1203	Lock Washer	6
52	60-3638T1	Detent Float	1
53	40-1191	Machine Screw	4
54	60-3639T1	Heat Sink	2
55	60-3640T1	UFO	1
56	60-3641T1	UFO	1
57	60-3642T1	Standoff	2
58	60-3643T1	Standoff	2
59	60-3644T1	Spacer	3
60	60-3645T1	Bracket	1
61	40-1204	Nut	6

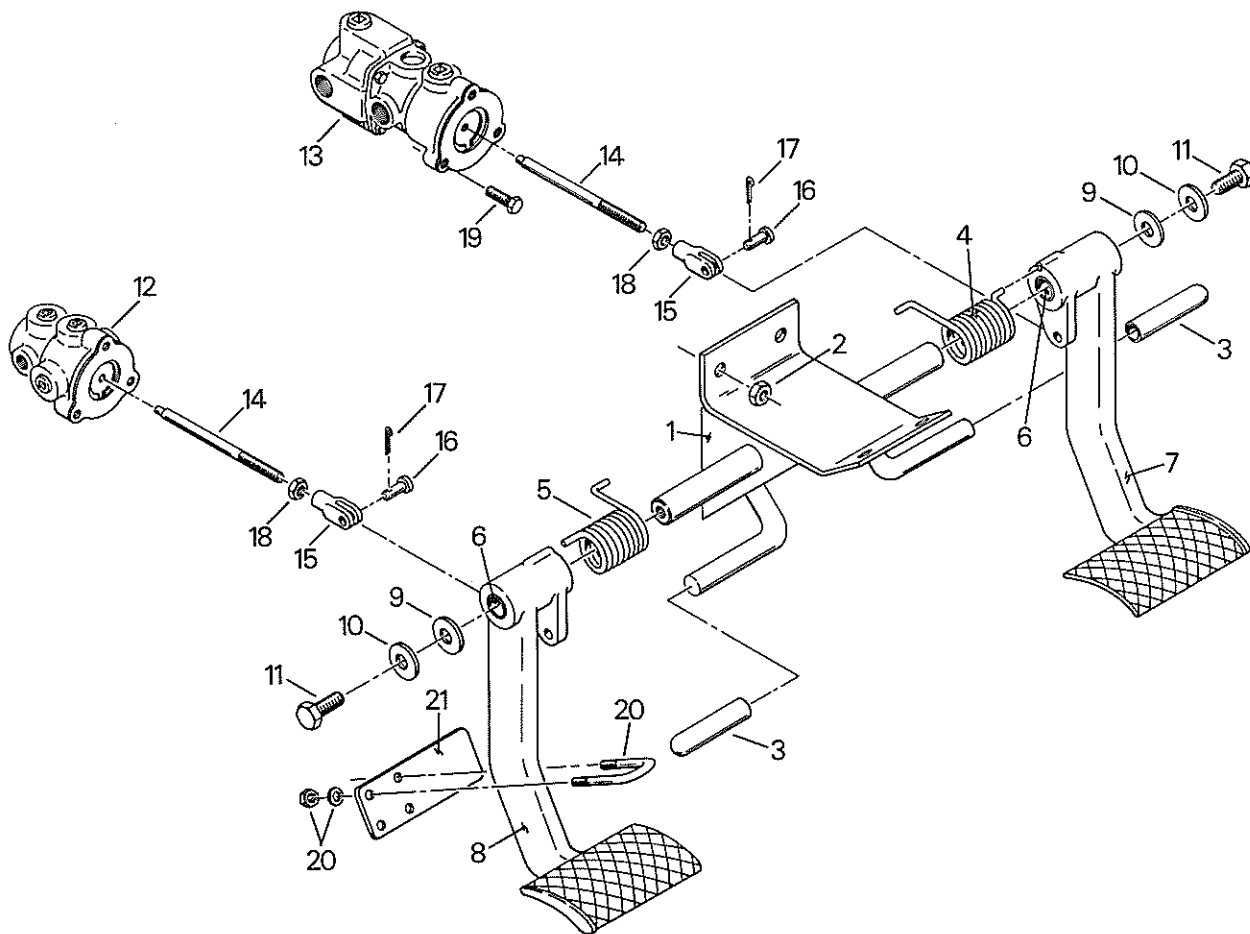
Ref.	Part No.	Description	Qty.
62	19-601	Lock Washer	4
63	60-3646T1	Terminal Board	1
64	60-3647T1	Bracket	1
65	60-3648T1	Clamp	1
66	40-1209	Retaining Ring	1
67	40-1207	Washer	1
68	60-2811T1	Clamp	1
69	60-2810T1	Boot	1
70	40-1192	Machine Screw	2
71	40-1195	Machine Screw	2
72	40-1200	Set Screw	2
73	60-3649T1	Coupling	1
74	60-3650T1	Push Button	1
75	60-3651T1	Clamp	1
76	60-3652T1	Protective Boot	1
77	40-1205	Nut	2
78	60-3659T1	Handle	1
79	60-3653T1	Grommet	1



Transmission Control Assembly

Ref.	Part No.	Description	Qty.
1-9	60-2808T91	Trans Control Assy	1
1	NSS	Gimbal Assy	1
2	02-3512T1	Support Kit	1
3	02-3513T1	Cable Hanger Replacement Kit	1
4	02-6667T1	Gate Assy Replacement Kit	1

Ref.	Part No.	Description	Qty.
5	02-3515T1	Switch Kit	1
6	02-6669T1	Lock Plate Replacement Kit	1
7	02-3517T1	Hardware Kit	1
8	02-6668T1	Knob Replacement Kit	1
9	02-3519T1	Cable Connector	1



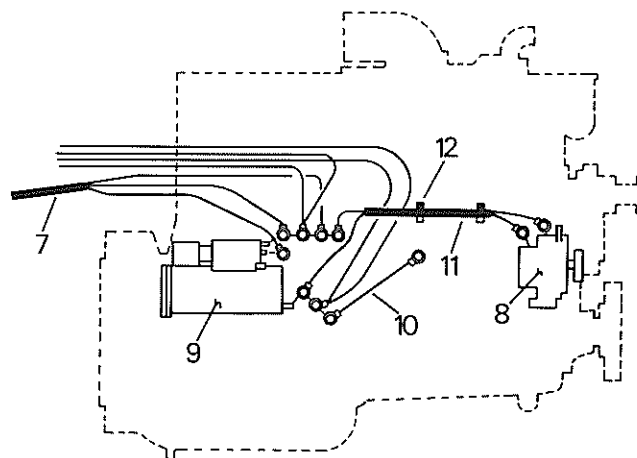
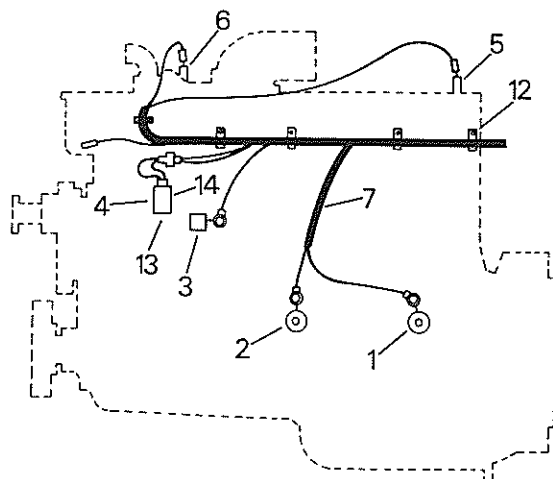
Brake Controls

Ref.	Part No.	Description	Qty.
1	01-3416	Bracket	1
2	19-653	Lock Nut	4
3	01-3520	Molding	2
4	11-019	Spring	1
5	11-020	Spring	1
6	24-208	Bearing	4
7	60-2070T1	Pedal (Right)	1
8	60-2071T1	Pedal (Left)	1
9	54-294	Thrust Washer	2
10	19-109	Washer	2
11	19-043	Capscrew	2
12		Brake Air Valve (see Page 5-6)	1

Ref.	Part No.	Description	Qty.
13		Dual Brake Air Valve (see Page 5-6)	1
14	60-2069T1	Push Rod	2
15	19-139	Clevis	2
16	19-145	Clevis Pin	2
17	19-124	Cotter Pin	2
18	19-091	Nut	2
19	9417950	Capscrew	6
20	19-152	U-Bolt	2
21	02-5201T1	Plate	1
	02-5223T1	Decal (not shown) (see Page 9-1)	1

Section 2 - Electrical

Description	Page
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Engine Electrical (Cummins 855 Engine - Later Style)	2-2
Engine Electrical (Cat 3406 Engine - Early Style)	2-3
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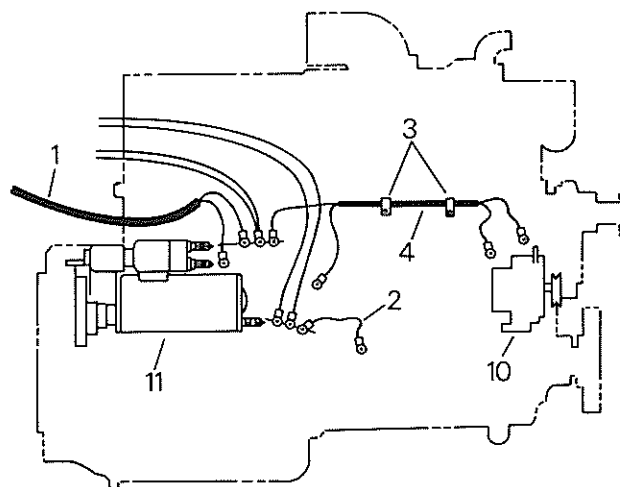
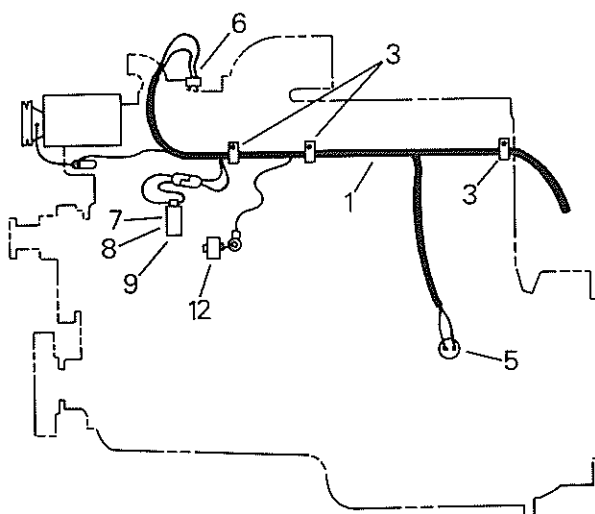
NOTE: Engine Wire Harness P/N 20-1495T3 can only be used on models **without** the brush deflector option; P/N 20-1495T4 can be used on **all** models.

***NOTE: No S/N available** Can be identified by the presence of **both** the oil press. sender (Ref. 2) and oil press. switch (Ref. 1) as well as **both** the water temp sender (Ref. 5) and water temp switch (Ref. 6).

Engine Electrical (Cummins 855 Engine - Early Style*)

Ref.	Part No.	Description	Qty.
1	01-2805	Oil Press. Switch	1
2	01-2227T2	Oil Press. Sender	1
3		Fuel Solenoid (Cummins part)	1
4	20-1369T1	Tach Sending Unit	1
5	20-1305T1	Water Temp Sender	1
6	20-1466T1	Water Temp Switch	1
7	20-1495T4	Engine Wire Harness (20-1495T3 - Code B) (see Note)	1

Ref.	Part No.	Description	Qty.
8		Alt Assy (see Pages 2-10 & 2-11)	1
9		Starter (see Page 2-6)	1
10	22-033	Wire - Starter Ground to Engine	1
11	01-6663	Alt Wire Harness	1
12	22-631	Clamp	7
13	20-1370T1	Tach Drive Tip	1
14	06-054	Tach Sender Adapter	1



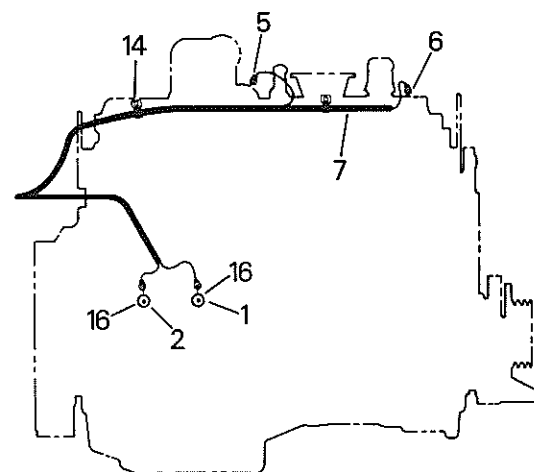
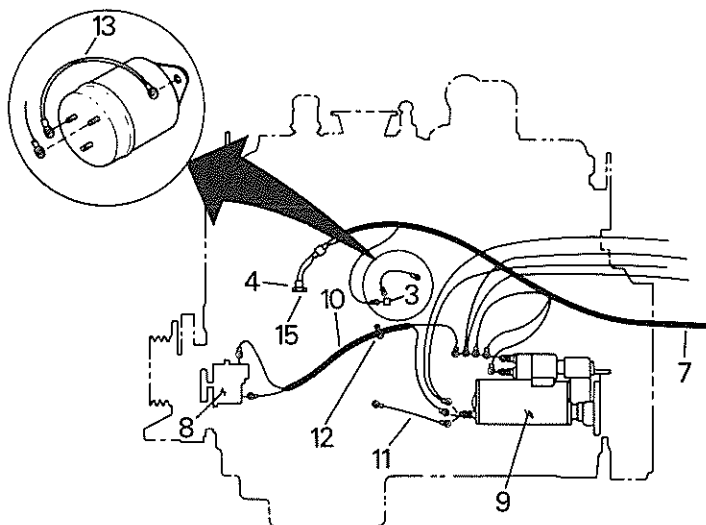
***NOTE: No S/N available** Can be identified by the use of combination oil press. sender/switch (Ref. 5) and water temp sender/switch (Ref. 6).

Engine Electrical

(Cummins 855 Engine - Later Style*)

Ref.	Part No.	Description	Qty.
1	20-1883T2	Engine Wire Harness	1
2	20-1829T1	Wire - Starter Ground to Engine	1
3	22-631	Clip	5
4	20-1567T1	Alt Wire Harness	1
5	20-1643T1	Oil Press. Switch & Sender	1
6	20-1676T1	Water Temp Switch & Sender	1

Ref.	Part No.	Description	Qty.
7	90-3747T1	Tach Drive Adapter	1
8	90-3748T1	Tach Drive Tip	1
9	20-1369T1	Tach Sending Unit	1
10		Alt Assy (see Pages 2-10 & 2-11)	1
11		Starter (see Page 2-6)	1
12		Fuel Solenoid (Cummins part)	1



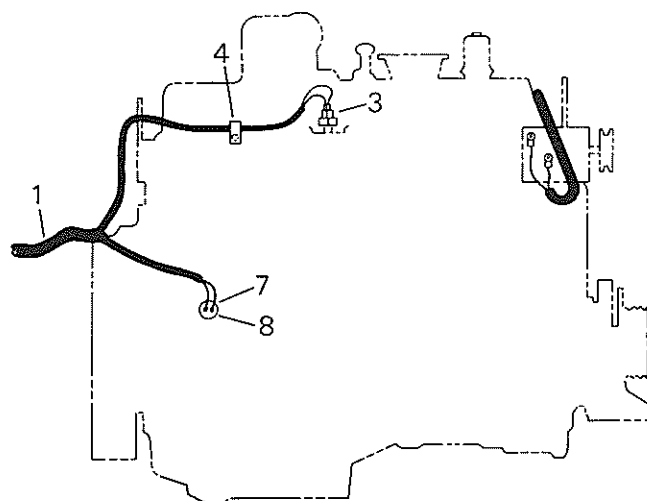
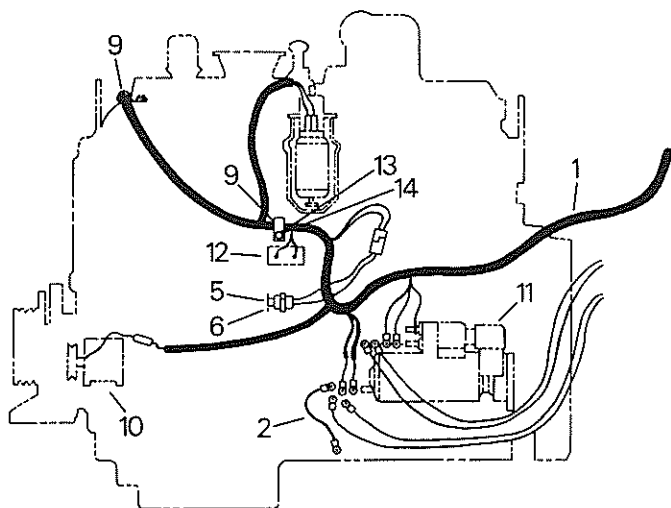
NOTE: Engine Wire Harness P/N 20-1494T3 can only be used on models **without** the brush deflector option; P/N 20-1494T4 can be used on **all** models.

***Used before S/N 3001**

Engine Electrical (Cat 3406 Engine - Early Style*)

Ref.	Part No.	Description	Qty.
1	01-2805	Oil Press. Switch	1
2	01-2227T2	Oil Press. Sender	1
3		Fuel Solenoid (Cat part)	1
4	20-1369T1	Tach Sending Unit	1
5	20-1305T1	Water Temp Sender	1
6	20-1466T1	Water Temp Switch	1
7	20-1494T4	Engine Wire Harness (20-1494T3 - Code B) (see Note)	1
8		Alt Assy (see Pages 2-10 & 2-11)	1

Ref.	Part No.	Description	Qty.
9		Starter (see Page 2-6)	1
10	01-6661	Alt Wire Harness	1
11	22-033	Wire - Starter Ground to Engine	1
12	22-631	Clamp	1
13	22-1080	Wire - Fuel Solenoid to Ground	1
14	22-635	Clamp	2
15	20-1370T1	Tach Drive Tip	1
16	31-512	Reducer	2

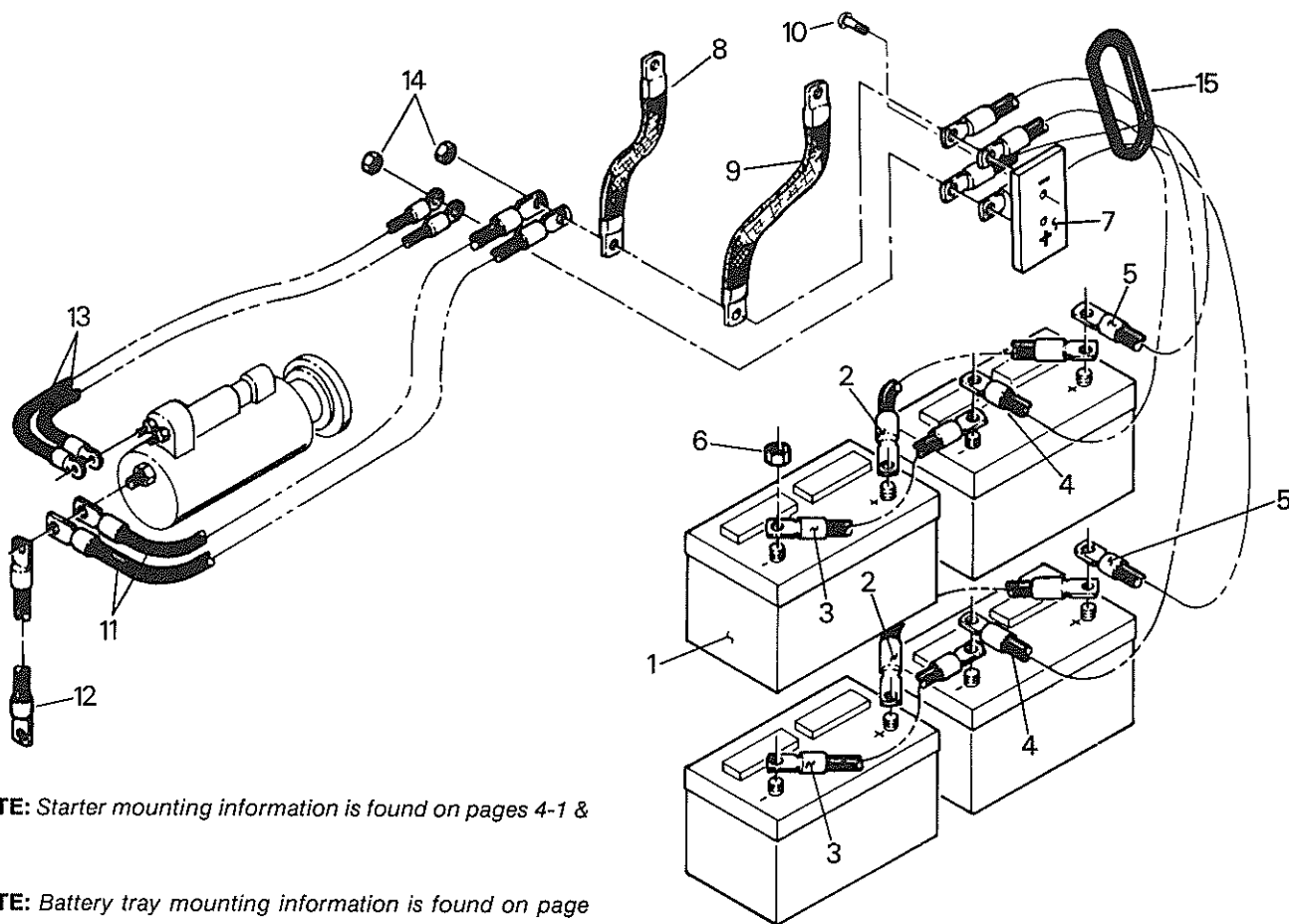


**Used after S/N 3000*

Engine Electrical (Cat 3406 Engine - Later Style*)

Ref.	Part No.	Description	Qty.
1	20-1878T2	Engine Wire Harness	1
2	20-1829T1	Wire - Starter Ground to Engine	1
3	20-1676T1	Water Temp Switch & Sender	1
4	22-635	Clip	2
5	20-1369T1	Tach Sending Unit	1
6	20-1370T1	Tach Drive Tip	1
7	31-512	Reducer	1

Ref.	Part No.	Description	Qty.
8	20-1643T1	Oil Press. Switch & Sender	1
9	22-631	Clip	2
10		Alt Assy (see Pages 2-10 & 2-11)	1
11		Starter (see Page 2-6)	1
12		Fuel Solenoid (Cat part)	1
13	19-016	Capscrew	1
14	19-107	Washer	1



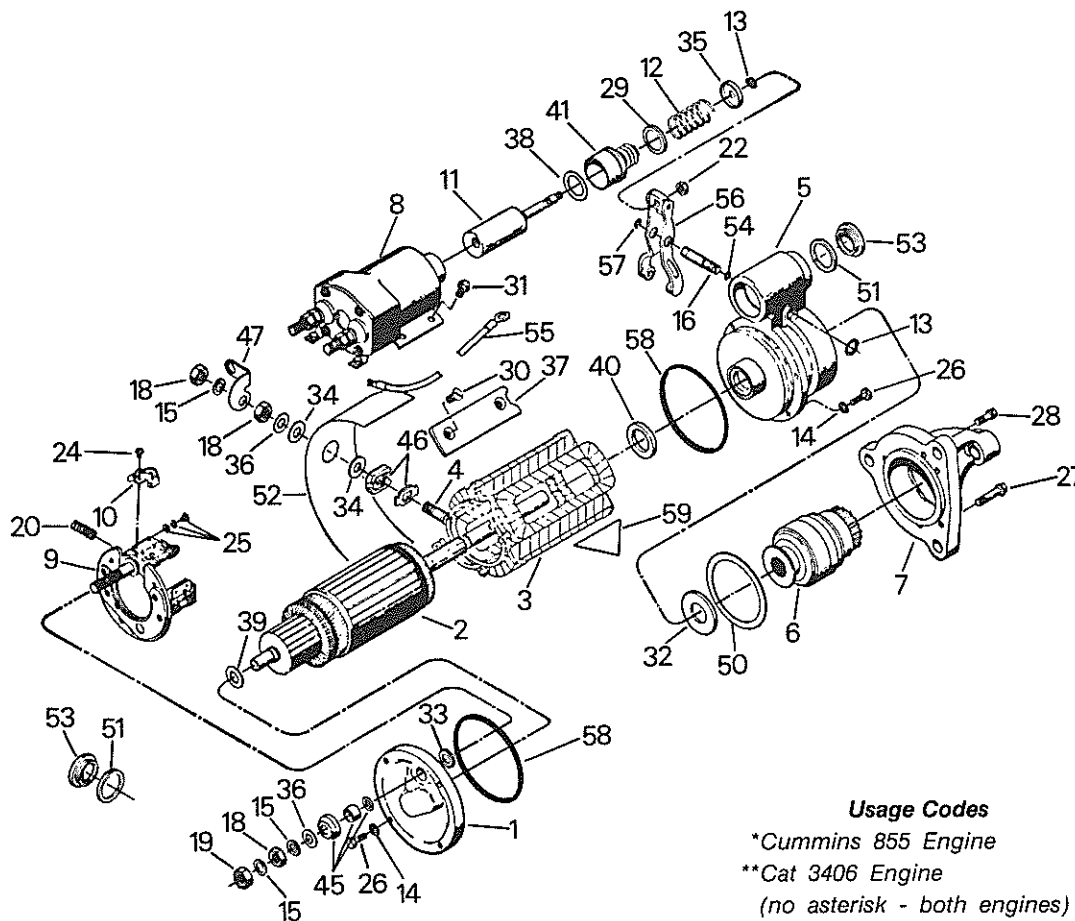
NOTE: Starter mounting information is found on pages 4-1 & 4-2.

NOTE: Battery tray mounting information is found on page 6-1.

Starter & Battery Electrical

Ref.	Part No.	Description	Qty.
1	22-613	Battery	4
2	01-4967	Battery Cable	2
3	01-4968	Battery Cable	2
4	20-1600T1	Battery Cable	2
5	20-1601T1	Battery Cable	2
6	01-4210	Battery Terminal Nut	8
7	01-4986	Terminal Block (incl Ref. 14)	1
	01-6885	Terminal Block Boot (not shown)	1
8	01-1211	Chassis Ground Strap	1
9	01-1209	Cab Ground Strap	1
10	19-1004	Machine Screw	2

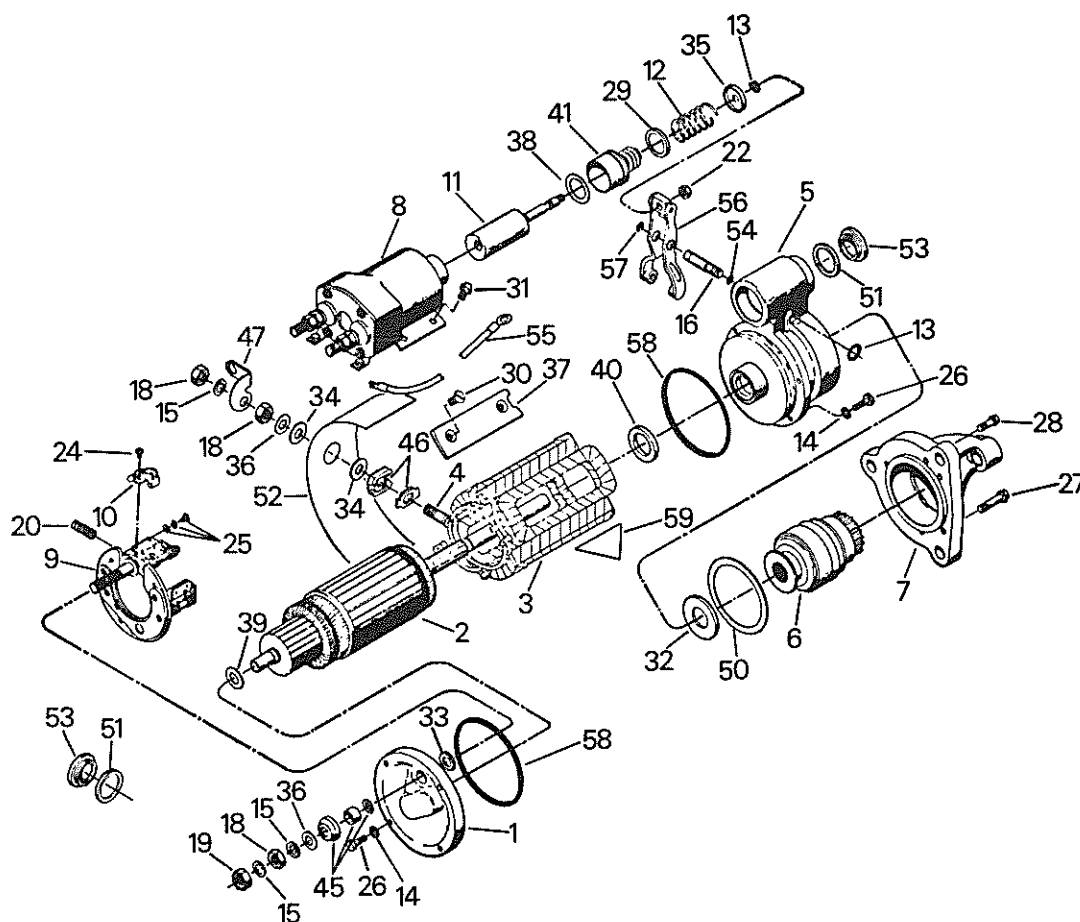
Ref.	Part No.	Description	Qty.
11	01-4963	Starter Cable (Neg) (Cat 3406 Engine)	2
	20-1221T1	Starter Cable (Neg) (Cummins 855 Engine)	
12	22-033	Ground Cable	1
13	01-4964	Starter Cable (Pos) (Cat 3406 Engine)	2
	20-1220T1	Starter Cable (Pos) (Cummins 855 Engine)	
14	115772	Nut (Brass)	6
15	02-4499T1	Molding	1
16	01-7818	Cable Tie (not shown)	2
17	32-343	Clamp (Cat 3406 Engine only) (not shown)	1



Starter Assembly

Ref.	Part No.	Description	Qty.
1-58	20-1294T91	Starter Assy* (Delco #1114820)	1
	20-1295T91	Starter Assy** (Delco #1114889)	
1	20-1322T91	Frame (incl Refs. 21, 42 & 49)	1
2	22-1115	Armature	1
3	20-1323T91	Field Coil Assy (4 coils)	1
4	22-1117	Terminal Stud	1
5	20-1324T91	Lever Housing (incl Refs. 17, 23, 32, 44, 48, 49 & 58)	1
6	20-1343T1	Drive Assy	1
7	20-1325T91	Drive Housing (incl Refs. 23, 43 & 49)	1
8	20-1326T1	Solenoid Switch*	1
	20-1345T1	Solenoid Switch**	
9	20-1327T91	Brush Plate Assy (less Brushes)	1
10	20-1328T1	Brush	8
11	22-1124	Plunger Assy	1
12	22-1062	Spring	1
13	22-1060	Snap Ring	2
14	22-1007	Lock Washer	9
15	22-1126	Lock Washer	3

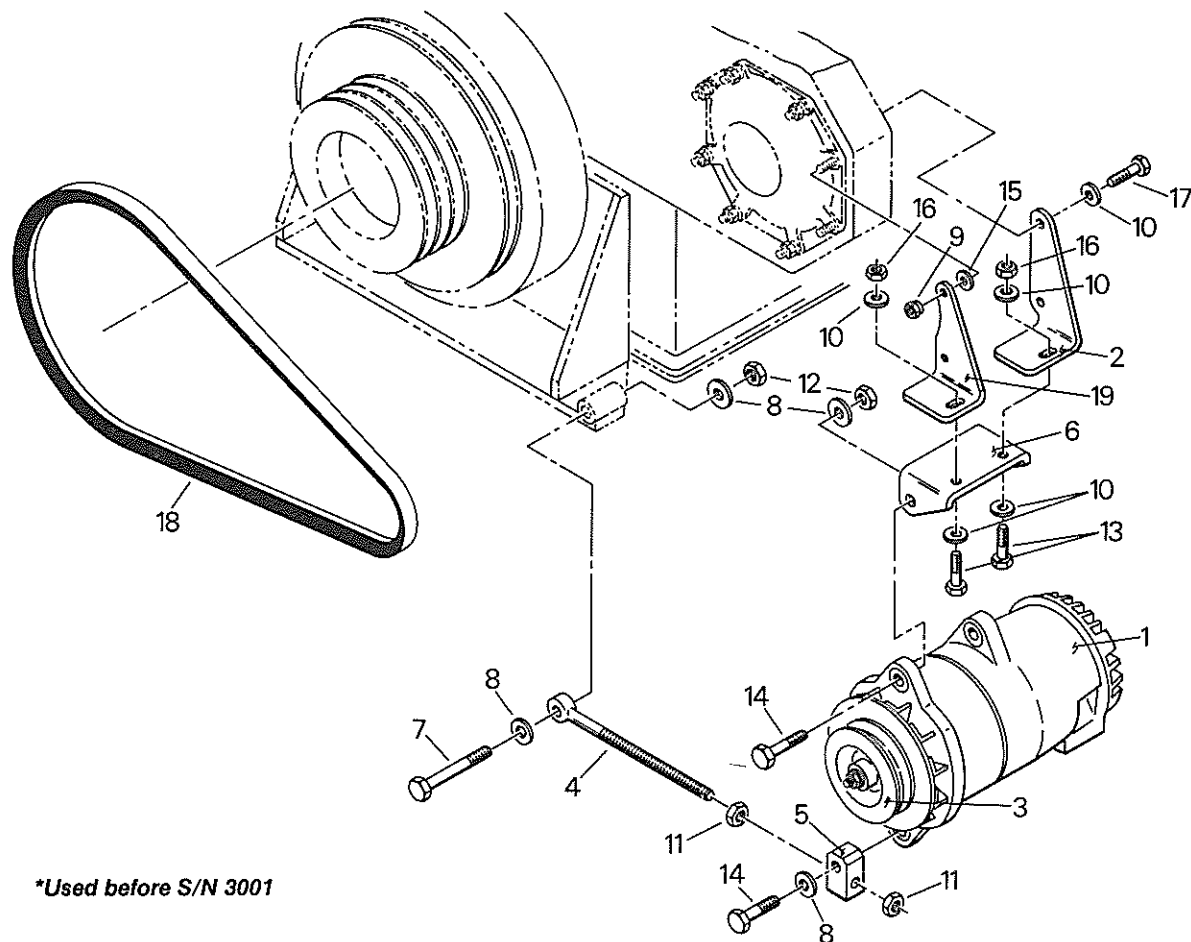
Ref.	Part No.	Description	Qty.
16	22-1059	Shift Lever Shaft	1
17	22-1058	Seal (not shown) (incl with Ref. 5)	1
18	19-289	Jam Nut	3
19	20-1329T1	Nut & Washer Assy	1
20	20-1330T1	Spring (incl with Ref. 9)	4
21	20-1366T1	Felt Wick (not shown) (incl with Ref. 1)	1
22	22-1129	Nut	1
23	20-1331T1	Felt Wick (not shown) (incl with Refs. 5 & 7)	2
24	20-1332T1	Screw	8
25	22-1131	Screw & Lock Washer	3
26	22-1132	Screw	9
27	22-1133	Screw	5
28	22-1134	Screw	1
29	22-1057	Retainer & Spring	1
30	22-1135	Screw	8
31	22-1136	Screw & Lock Washer	4
32	22-1137	Washer (incl with Ref. 5)	1
33	22-1025	Washer	2
34	22-1026	Washer	2



Starter Assembly

Ref.	Part No.	Description	Qty.
35	22-1056	Spring Retainer	1
36	22-1139	Washer	2
37	22-1055	Pole Shoe	4
38	22-1140	Washer	1
39	22-1141	Washer	1
40	22-1142	Washer	1
41	22-1027	Plunger Boot	1
42	20-1333T1	Bushing (not shown) (incl with Ref. 1)	1
43	20-1334T1	Bushing (not shown) (incl with Ref. 7)	1
44	20-1335T1	Bushing (not shown) (incl with Ref. 5)	1
45	22-1030	Terminal Insulator Package	1
46	22-1031	Bushing Package	1

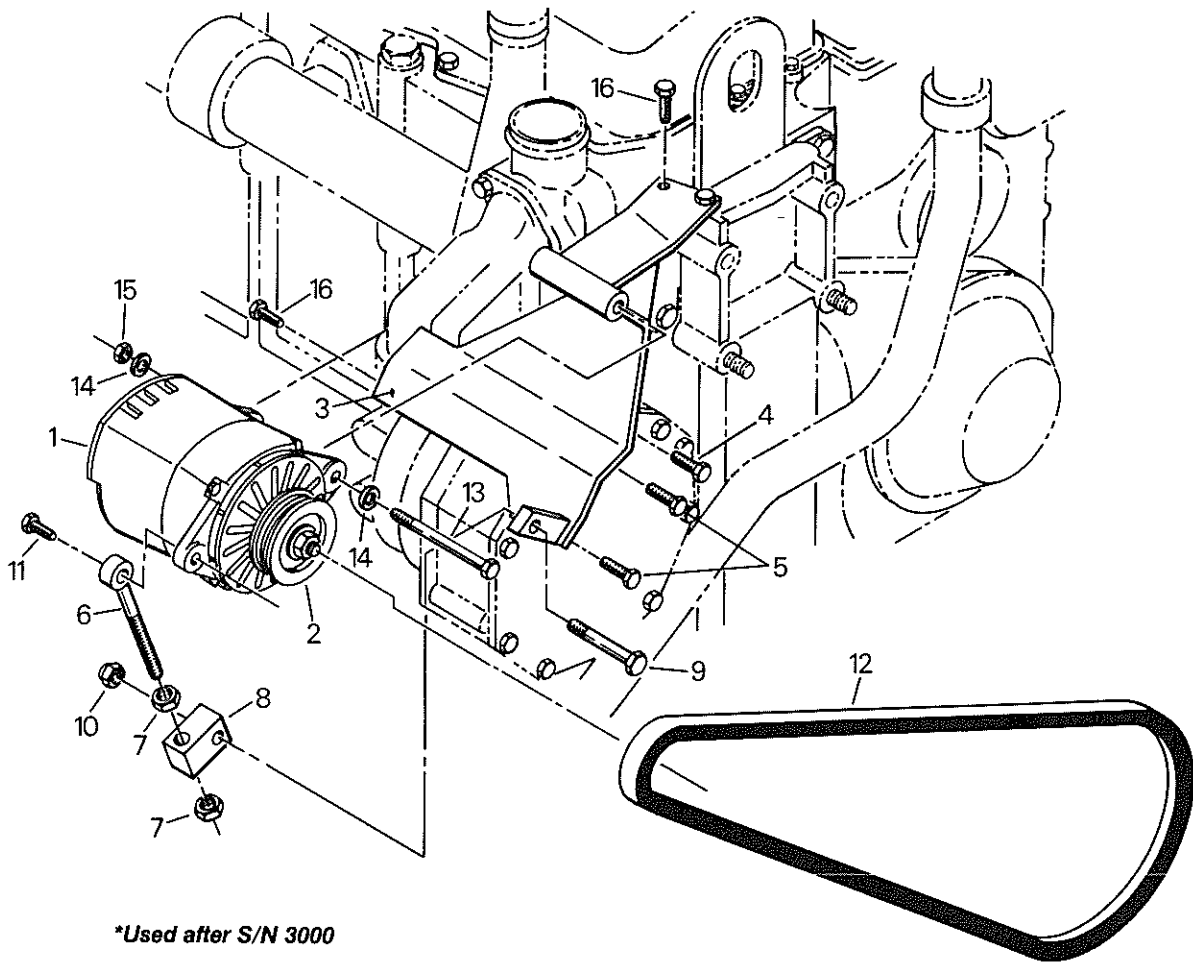
Ref.	Part No.	Description	Qty.
47	22-1032	Connector	1
48	20-1340T1	Plug (not shown) (incl with Ref. 5)	1
49	20-1339T1	Plug (not shown) (incl with Refs. 1, 5 & 6)	3
50	22-1036	Gasket	1
51	22-1037	Gasket	3
52	22-1040	Insulator	1
53	22-1045	Inspection Plug	2
54	20-1338T1	O-Ring	1
55	20-1336T1	Lead	1
56	22-1042	Shift Lever Assy	1
57	20-1337T1	O-Ring	1
58	01-1239	O-Ring	2



Alternator & Mounting (Cat 3406 Engine - Early Style*)

Ref.	Part No.	Description	Qty.
1		Alt Assy (see Pages 2-10 & 2-11)	1
2	22-1088	Bracket	1
3	22-1085	Alt Pulley	1
4	22-1086T1	Rod (22-1086 - Code B)	1
5	22-1083	Block	1
6	22-1089	Bracket	1
7	19-680	Capscrew	1
8	19-109	Washer	5
9	90-2352T1	Nut	2
10	19-107	Washer	6

Ref.	Part No.	Description	Qty.
11	19-1060	Nut	2
12	19-826	Nut	3
13	19-652	Capscrew	2
14	19-909	Capscrew	3
15	19-5724	Spacer	2
16	19-823	Nut	2
17	19-799	Capscrew	2
18	01-2228	Alt Belt	1
19	90-2351T1	Bracket	1

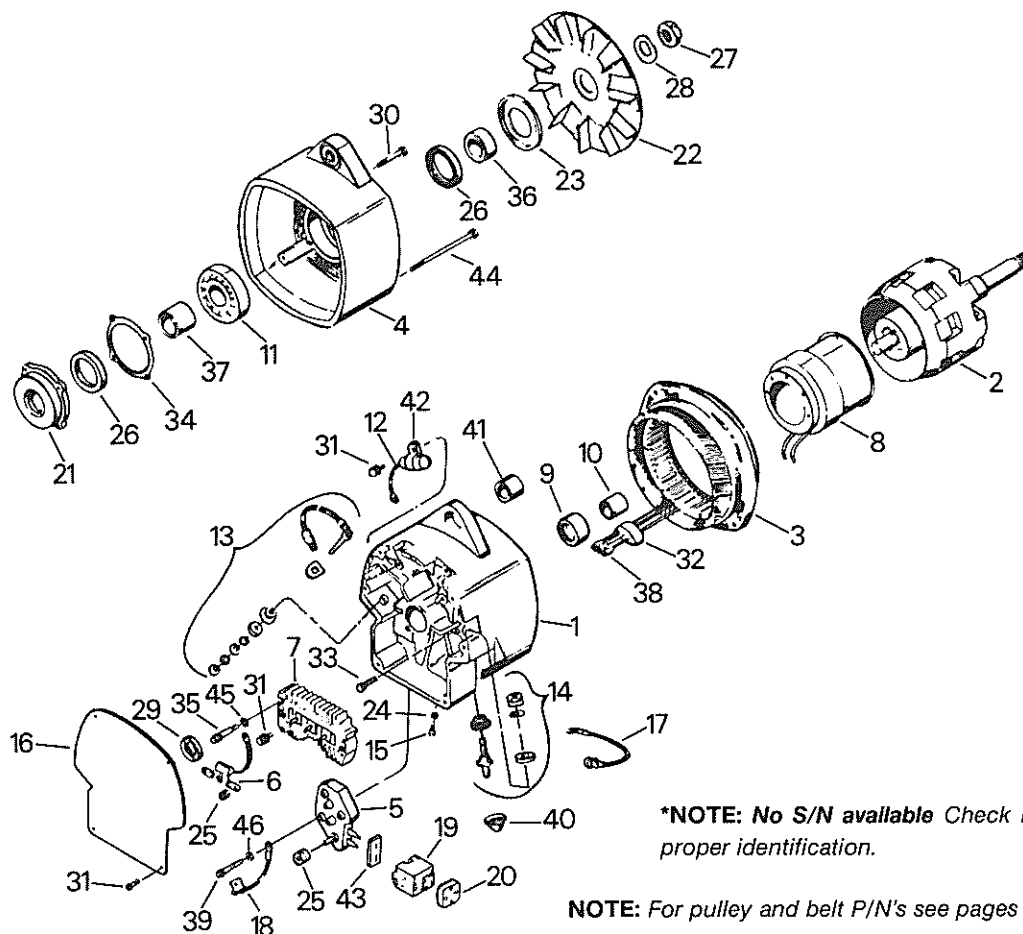


**Used after S/N 3000*

Alternator & Mounting (Cat 3406 Engine - Later Style*)

Ref.	Part No.	Description	Qty.
1		Alt Assy (see Pages 2-10 & 2-11)	1
2	22-1085	Alt Pulley	1
3	90-3823T1	Alt Mount	1
4	9423067	Capscrew	1
5	19-799	Capscrew	2
6	22-1086T1	Adjusting Rod	1
7	19-1060	Nut	2
8	01-6899T1	Adjusting Block	1
9	19-680	Capscrew	1

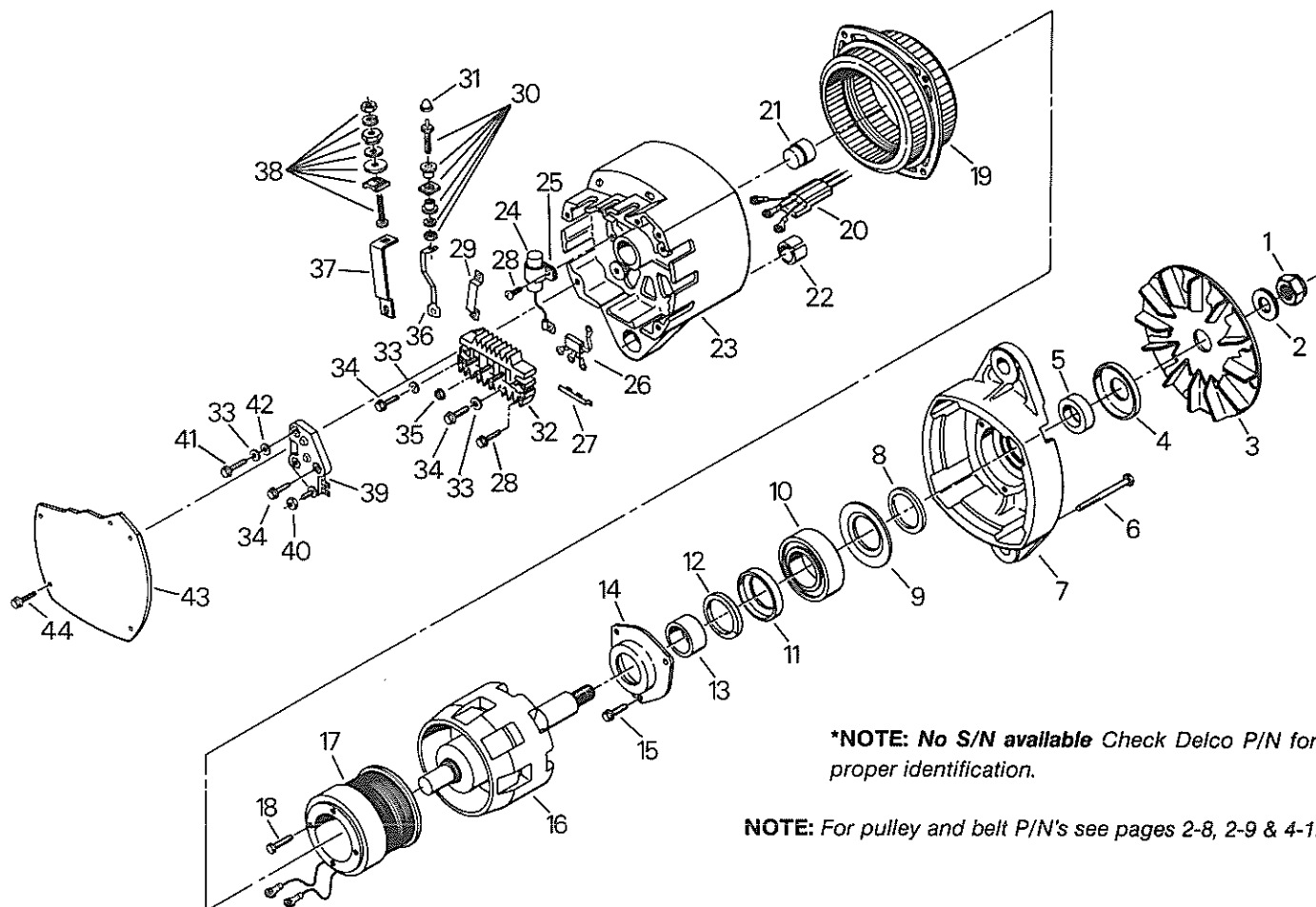
Ref.	Part No.	Description	Qty.
10	19-653	Lock Nut	1
11	19-821	Capscrew	1
12	90-3807T1	Alt Belt	1
13	19-1258	Capscrew	1
14	19-5801	Washer	2
15	19-081	Nut	1
16	NAP	Capscrew (existing engine hardware)	3



Alternator Assembly (Early Style*)

Ref.	Part No.	Description	Qty.
1-46	22-702	Alt Assy (Delco #1117732)	1
1	22-1051	Rectifier Housing	1
2	22-1053	Rotor Assy	1
3	22-1054	Stator Assy	1
4	22-1061	Frame	1
5	22-1064	Regulator	1
6	22-1065	Diode	1
7	22-1093	Rectifier Bridge	1
	22-1019	Insulator (not shown)	1
8	22-1094	Field Coil	1
9	22-1095	Outer Bearing	1
10	22-1096	Inner Bearing	1
11	22-1097	Bearing	1
12	22-1098	Capacitor	1
13	22-1099	Terminal Package	1
14	22-1100	Terminal Package	1
15	22-1101	Terminal Screw	1
16	22-1102	Cover Plate	1
17	22-1103	Lead	1
18	22-1104	Lead	1
19	22-1106	Connector Body	1
20	22-1105	Cap	1
21	22-1107	Retainer	1
22	22-1108	Fan	1

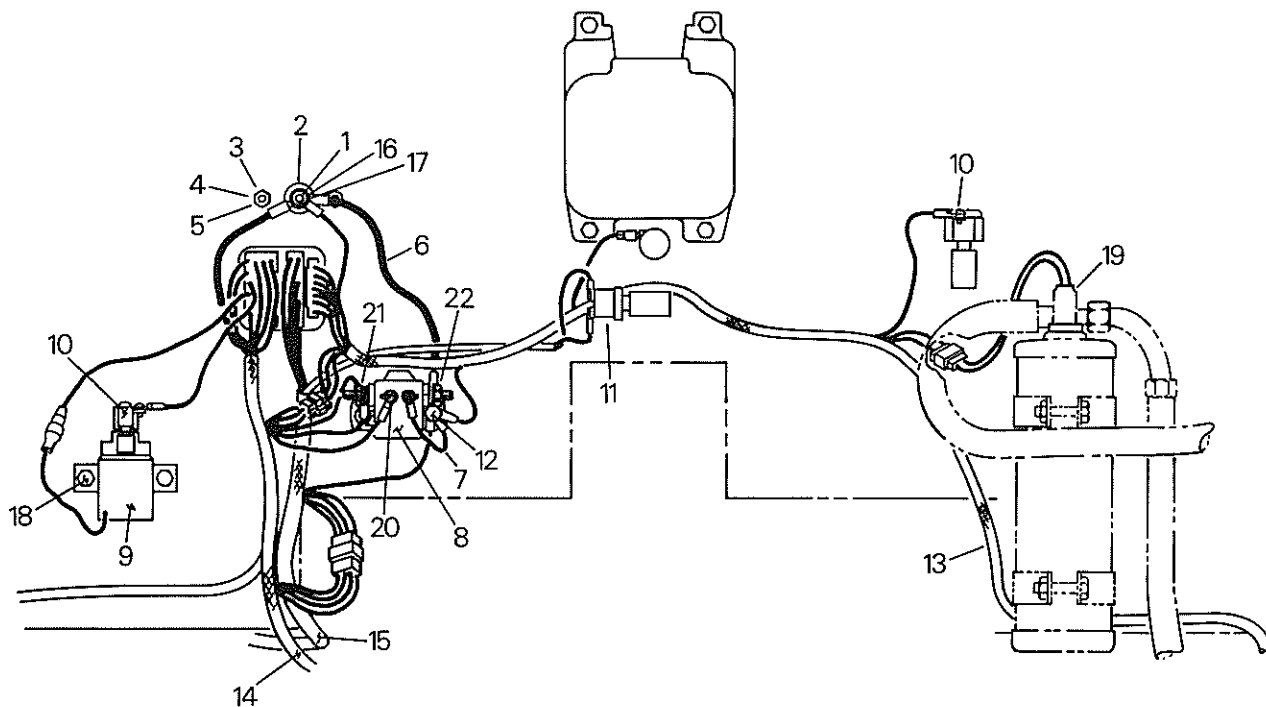
Ref.	Part No.	Description	Qty.
23	22-1023	Slinger	1
24	22-1007	Lock Washer	1
25	22-1022	Nut & Washer	2
26	22-1021	Seal	2
27	22-1024	Nut	1
28	22-1144	Washer	1
29	22-1020	Plug	1
30	22-1034	Screw	1
31	22-1038	Screw	7
32	22-1018	Grommet	1
33	22-1039	Screw	1
34	22-1017	Gasket	1
35	22-1049	Screw & Washer	1
36	22-1016	Outside Collar	1
37	22-1015	Inside Collar	1
38	22-1014	Clip	1
39	22-1050	Screw & Washer	1
40	22-1013	Cap	1
41	22-1012	Bushing	1
42	22-1011	Bracket	1
43	22-1010	Boot	1
44	22-1009	Bolt	1
45	22-1110	Washer	2
46	22-1008	Washer	1



Alternator Assembly (Later Style*)

Ref.	Part No.	Description	Qty.
1-44	20-1610T91	Alt Assy (Delco #1117160)	1
1	22-1024	Nut	1
2	22-1144	Washer	1
3	22-1108	Fan	1
4	20-1680T1	Bearing Shield	1
5	20-1681T1	Outside Collar	1
6	20-1706T1	Bolt	4
7	20-1682T1	Frame	1
8	20-1683T1	Felt Washer	1
9	20-1684T1	Retainer Plate	1
10	20-1685T1	Bearing	1
11	20-1686T1	Retainer Cup	1
12	20-1687T1	Felt Washer	1
13	20-1688T1	Inside Collar	1
14	20-1689T1	Retainer Plate	1
15	20-1707T1	Screw	3
16	20-1690T1	Rotor	1
17	20-1691T1	Field Coil	1
18	22-1039	Screw	4
19	20-1692T1	Stator	1
20	20-1693T1	Grommet	1
21	20-1694T1	Bearing	1
22	20-1695T1	Bushing	1

Ref.	Part No.	Description	Qty.
23	NSS	Housing	1
24	20-1696T1	Capacitor	1
25	20-1697T1	Capacitor Bracket	1
26	20-1698T1	Diode Trio	1
27	22-1019	Insulator	1
28	22-1038	Screw	2
29	20-1699T1	Connector	1
30	20-1700T1	Terminal Package	1
31	22-1013	Cap	1
32	02-1317	Rectifier Bridge	1
33	02-1323	Insulated Washer	4
34	20-1708T1	Screw	3
35	20-1709T1	Nut	3
36	20-1701T1	Connector	1
37	20-1702T1	Output Connector	1
38	20-1703T1	Terminal Package	1
39	20-1704T1	Regulator	1
40	22-1022	Nut	1
41	22-1050	Screw	2
42	22-1008	Washer	2
43	20-1705T1	Cover	1
44	20-1710T1	Screw	5



NOTE: Wire Harness Connector Kits are as follows:

20-1874T1 - Engine Wire Harness

20-1873T1 - Cab Wire Harness

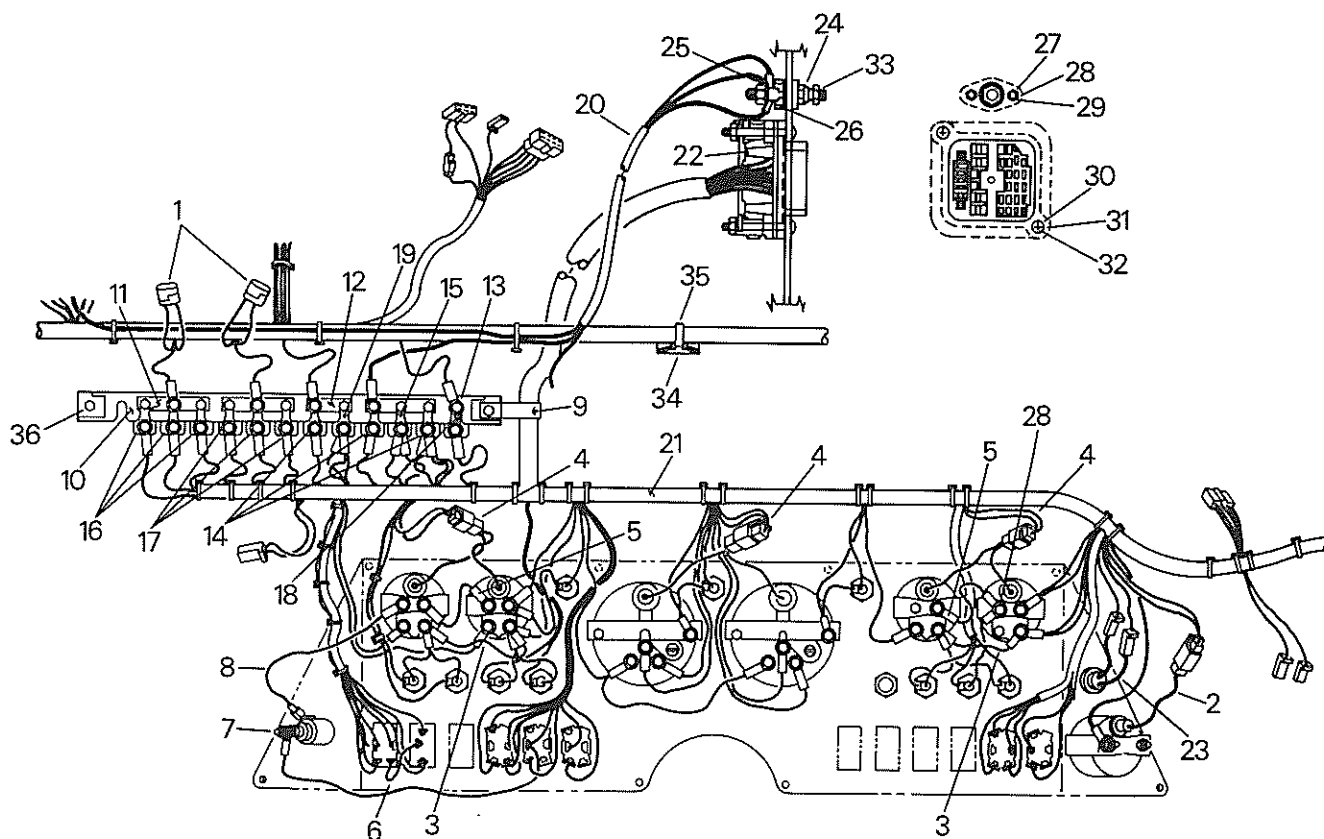
20-1871T1 - Rear Frame Wire Harness

20-1872T1 - Front Frame Wire Harness

Cab Firewall Electrical

Ref.	Part No.	Description	Qty.
1	20-1150T1	Junction Block	1
2	01-7096	Junction Block Gasket	1
3	436751	Machine Screw	2
4	19-308	Nut	2
5	19-297	Lock Washer	2
6	20-1197T1	Wire	1
7	20-1198T1	Wire	1
8	20-1608T1	Magnetic Switch (06-1496 - Code B)	1
9	20-1402T1	Solenoid Air Valve	1
10	20-1413T1	Low Press. Indicator Switch	2
11	20-1414T1	Stop Light Switch	1
12	19-958	Tapping Screw	2

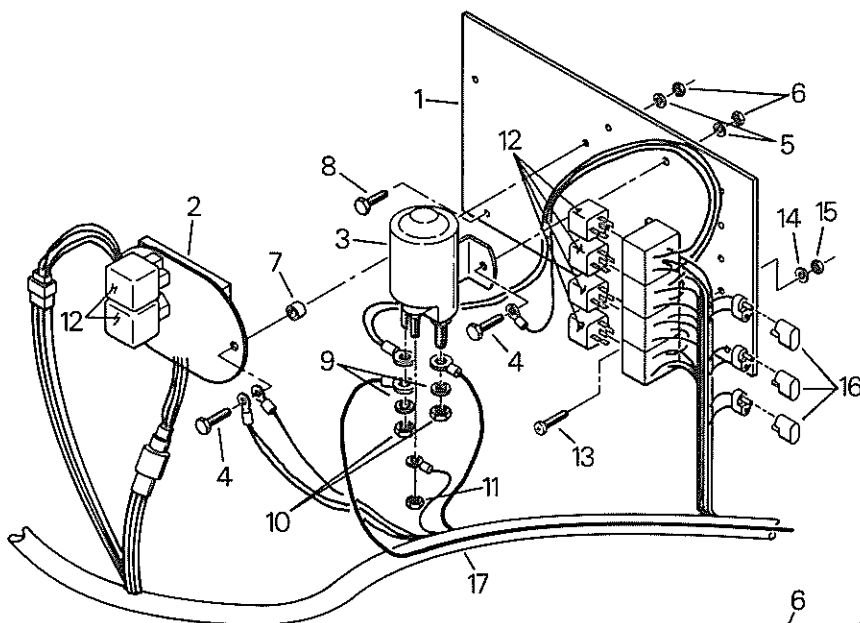
Ref.	Part No.	Description	Qty.
13		Front Frame Wire Harness (see Page 2-17)	1
14		Engine Wire Harness (see Pages 2-1 to 2-4)	1
15		Rear Frame Wire Harness (see Pages 2-18 & 2-19)	1
16	19-5577	Lock Washer (Brass)	1
17	115772	Nut (Brass)	1
18	19-485	Tapping Screw	2
19	25-1002	Receiver Drier Switch	1
20	19-1015	Kep Nut	2
21	19-116	Lock Washer	2
22	19-088	Nut	2



NOTE: See the following 2 pages for information on the various component assemblies located under the dash and used in conjunction with the dash electrical system.

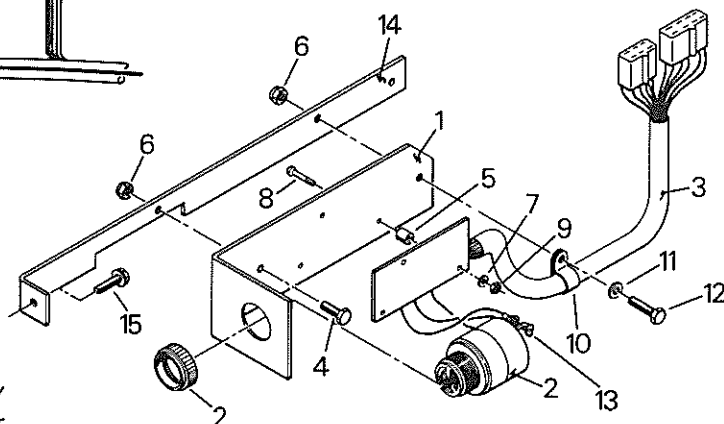
Dash Electrical

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	22-738	Diode	2	19	22-670	Circuit Breaker (10 Amp)	1
2	20-1508T1	Wire & Socket Assy	1	20	20-1509T1	Cab Power Wire Harness	1
3	01-3933	Wire - Gauge to Gauge Ignition	2	21	20-1621T1	Main Cab Wire Harness	1
4	01-3925	Wire & Socket Assy	3	22	01-8578	Harness Connector Cover	1
5	01-3934	Wire - Gauge Ground to Gauge Ground	2	23	01-7128	Switch Assy (Early Cat 3406 Engines only)	1
6	20-1506T1	Wire	1	24	20-1150T1	Junction Block	1
7	19-282	Lock Nut	1	25	19-5577	Lock Washer (Brass)	1
8	22-802	Wire - Gauge Ground	1	26	01-7096	Junction Block Gasket	1
9	32-761	Clamp	1	27	436751	Machine Screw	2
10-19	20-1513T92	Circuit Breaker Assy	1	28	19-308	Nut	10
10	22-674	Bracket	1	29	19-297	Lock Washer	2
11	22-676	Buss Bar	3	30	19-720	Capscrew	2
12	22-677	Buss Bar	1	31	19-076	Nut	2
13	19-481	Kep Nut	AR	32	19-115	Lock Washer	2
14	22-672	Circuit Breaker (20 Amp)	3	33	115772	Nut (Brass)	2
15	22-671	Circuit Breaker (15 Amp)	1	34	22-823	Cable Tie Mount	2
16	22-673	Circuit Breaker (30 Amp)	3	35	22-824	Cable Tie	2
17	22-669	Circuit Breaker (6 Amp)	3	36	19-5391	Machine Screw	2
18	22-809	Circuit Breaker (5 Amp)	1	37	20-1250T1	Wire - Dash Ground (not shown)	1



Flasher Module

NOTE: Items with a single asterisk (*) behind them are only used with the controlled traction diff option. See page 4-37 for additional information.

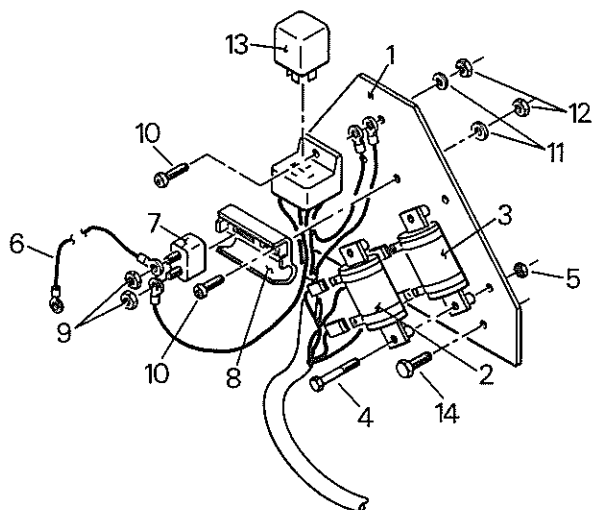


Audio Alarm

Component Assemblies

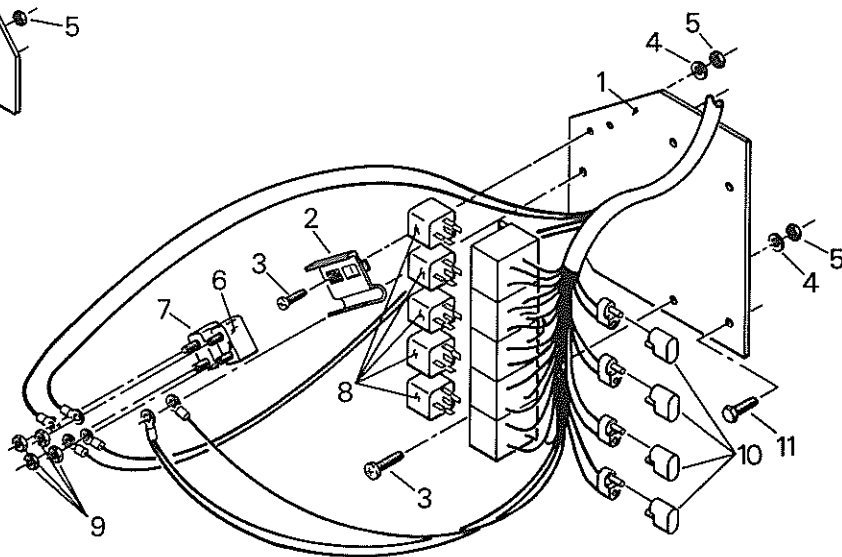
Ref.	Part No.	Description	Qty.
1-7	02-5209T92	Component Assy (Flasher Module) (02-5209T91 - Code C)	1
1	60-2493T2	Mounting Plate	1
2	20-1278T4	Flasher Circuit Board (incl Ref. 12) (20-1423T93 - Code C)	1
3	20-1411T1	Solenoid	1
4	19-002	Capscrew	4
5	19-115	Lock Washer	4
6	19-076	Nut	4
7	19-5925	Spacer	2
8	19-5391	Machine Screw	3
9	19-116	Lock Washer	2
10	19-088	Nut	2
11	19-481	Kep Nut	1
12	01-7877	Relay	6
13	159927	Machine Screw	4
14	19-297	Lock Washer	4
15	19-567	Nut	4
16	22-738	Diode	3
17	20-1507T1	Wire*	1

Ref.	Part No.	Description	Qty.
1-13	20-1216T92	Component Assy (Audio Alarm)	1
1	60-1360T2	Mounting Bracket	1
2	20-1215T91	Audio Alarm (B)	1
	20-1215T92	Audio Alarm (B) (incl Ref. 13)	
3	20-1211T92	Electronic Assy	1
4	19-717	Capscrew	1
5	02-3440T1	Spacer	3
6	19-1081	Lock Nut	2
7	138522	Lock Washer	3
8	19-4874	Machine Screw	3
9	19-1034	Nut	3
10	22-1109	Clamp	1
11	19-105	Washer	1
12	19-001	Capscrew	1
13	20-1940T1	Varistor Assy	1
14	04-1003	Mounting Bracket	1
15	19-5391	Machine Screw	1



Resistor/Diff Lock

NOTE: Items with a single asterisk (*) behind them are only used with the controlled traction diff option. See page 4-37 for additional information.

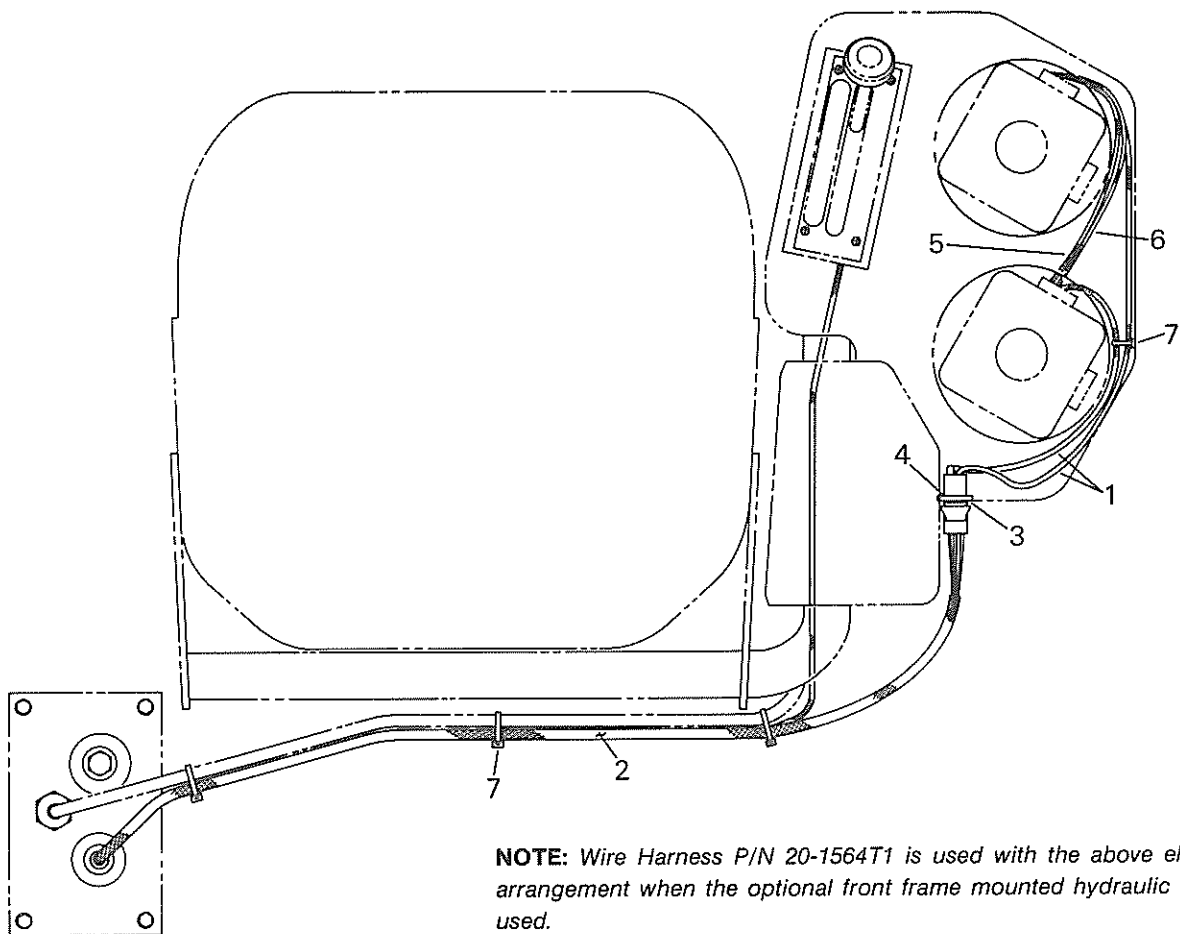


A/C & Heater Controls

Component Assemblies

Ref.	Part No.	Description	Qty.
1-5	60-2828T92	Component Assy (Resistor/Diff Lock)	1
1	60-2494T3	Mounting Plate	1
2	01-3858	Resistor (5 Ohm)	1
3	01-3857	Resistor (2 Ohm)	1
4	19-3041	Machine Screw	2
5	19-1015	Kep Nut	2
6	20-1507T1	Wire*	1
7	22-673	Circuit Breaker (30 Amp)*	1
8	20-1171T1	Circuit Breaker Bracket*	1
9	19-481	Kep Nut*	2
10	159927	Machine Screw (qty 3 with Diff Lock)	1
11	19-297	Lock Washer (qty 3 with Diff Lock)	1
12	19-567	Nut (qty 3 with Diff Lock)	1
13	01-7877	Relay*	1
14	19-5391	Machine Screw	2

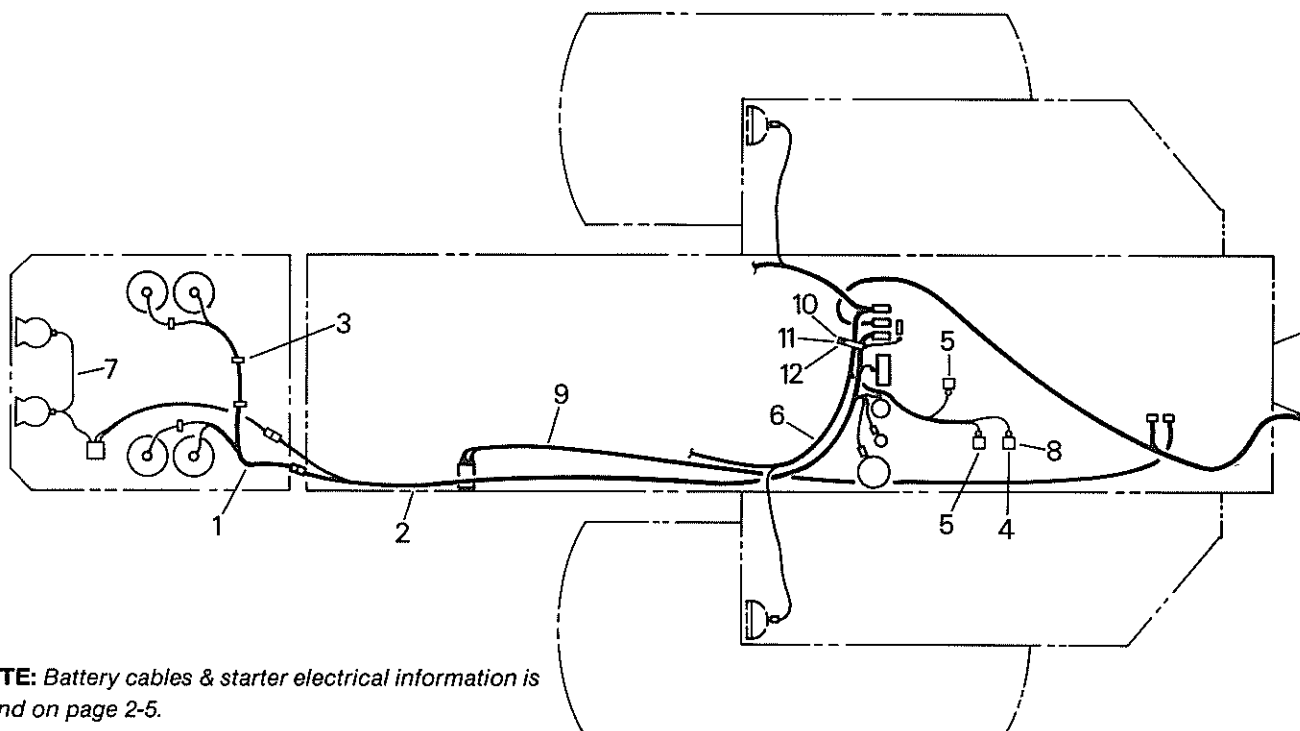
Ref.	Part No.	Description	Qty.
1-7	02-5208T91	Component Assy (A/C & Heater Controls)	1
1	60-2495T2	Mounting Plate	1
2	20-1171T1	Circuit Breaker Bracket	1
3	159927	Machine Screw	7
4	19-297	Lock Washer	7
5	19-567	Nut	7
6	22-673	Circuit Breaker (30 Amp)	1
7	22-809	Circuit Breaker (5 Amp)	1
8	01-7877	Relay	5
9	19-481	Kep Nut	4
10	22-738	Diode	4
11	19-5391	Machine Screw	3



Control Console Electrical

Ref.	Part No.	Description	Qty.
1	20-2089T1	Controller Wire Harness (20-1553T2 - Code B)	2
2	20-2077T1	Control Console Wire Harness (20-1565T2 - Code B)	1
3	159203	Machine Screw	8

Ref.	Part No.	Description	Qty.
4	19-1034	Nut	8
5	20-1566T2	Controller Feed Wire Harness	1
6	20-1618T1	Controller Ground Wire Harness	1
7	22-824	Ty Rap	4



NOTE: Battery cables & starter electrical information is found on page 2-5.

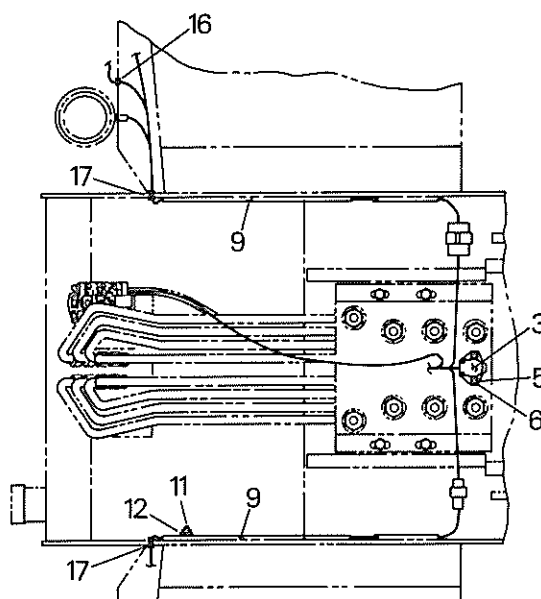
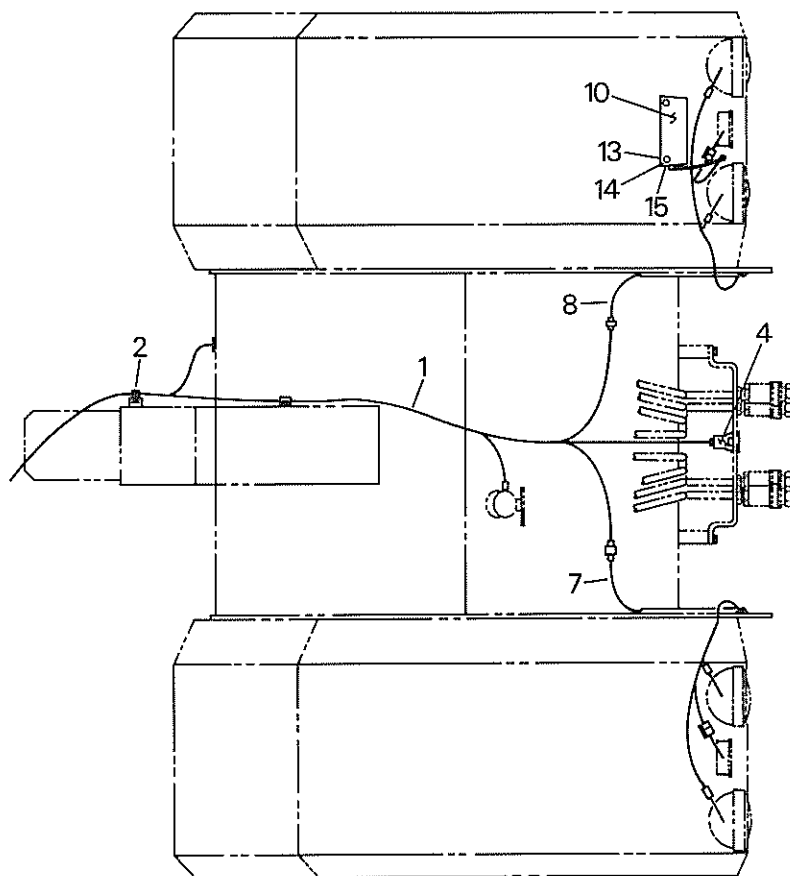
NOTE: Service breakdowns for the lights are found on pages 2-21 & 2-22.

NOTE: Front Frame Wire Harness P/N 20-1484T1 can only be used on models **without** the brush deflector option; P/N 20-1484T2 can be used on **all** models.

Front Frame Electrical

Ref.	Part No.	Description	Qty.
1	20-1485T1	Headlamp Wire Harness	1
2	20-1484T2	Front Frame Wire Harness (20-1484T1 - Code B) (see Note)	1
3	22-635	Clamp	4
4	47-4181	Trans Temp Switch	1
5	22-680	Press. Switch (1 for transfer case press. & 1 for charge press.)	2
6		Engine Wire Harness (see Pages 2-1 to 2-4)	1

Ref.	Part No.	Description	Qty.
7		Horn Wire Harness (see Page 2-23)	1
8	31-178	Reducer	1
9	20-1563T1	Front Hydraulic Valve Wire Harness (optional)	1
10	22-646	Clamp	1
11	19-078	Nut	1
12	19-243	Lock Washer	1



NOTE: Service breakdowns for the lights are found on pages 2-21 & 2-22.

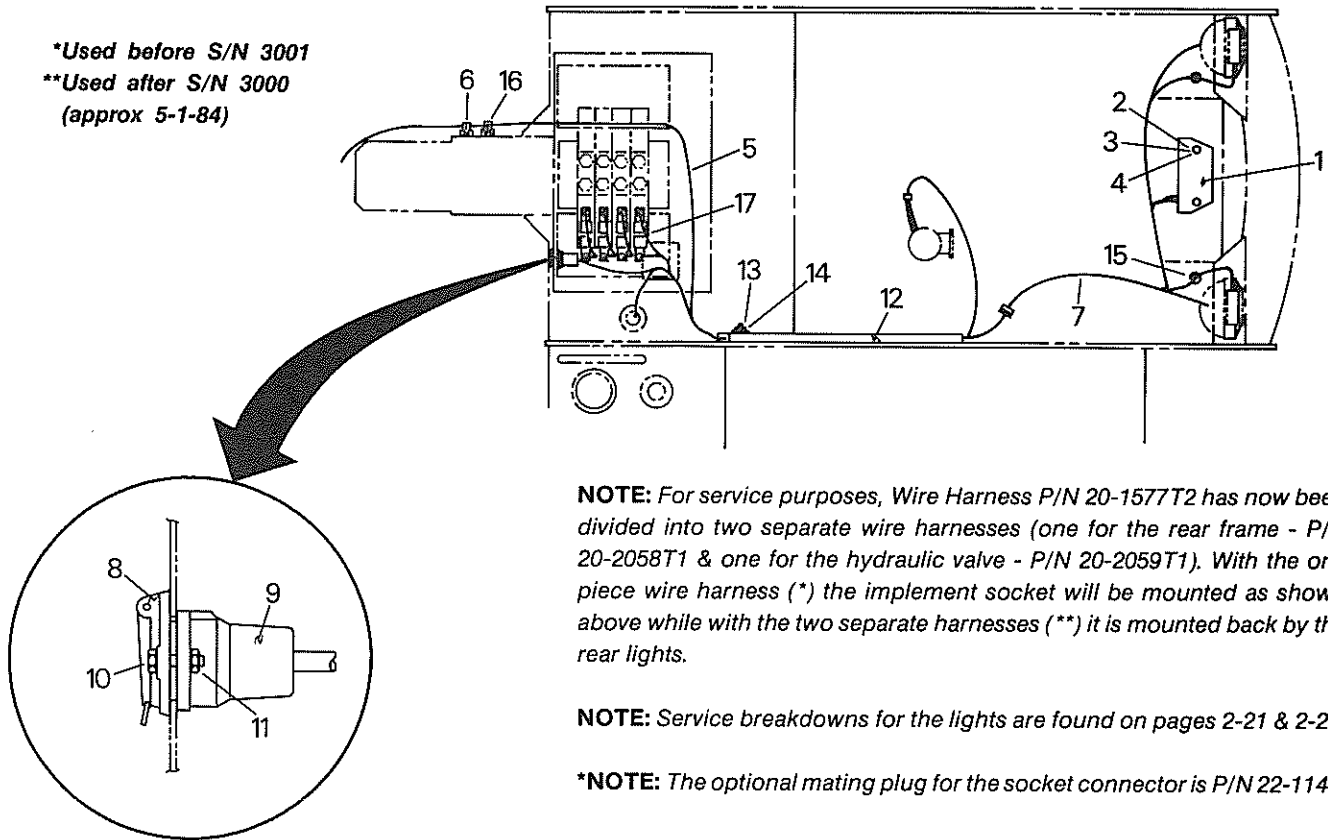
***NOTE:** The optional mating plug for the socket connector is P/N 22-1143.

Rear Frame Electrical (Standard Rear Frame)

Ref.	Part No.	Description	Qty.
1	20-1578T2	Rear Frame Wire Harness	1
2	31-1212	Clamp Assy	2
3	22-789	Socket Connector*	1
4	22-790	Boot	1
5	19-007	Capscrew	2
6	19-077	Nut	2
7	22-822	Rear Lights Wire Harness (Left)	1
8	20-1503T1	Rear Lights Wire Harness (Right)	1

Ref.	Part No.	Description	Qty.
9	51-366	Wire Guard	2
10	02-2956T1	Backup Alarm	1
11	19-291	Lock Nut	4
12	19-223	Washer	4
13	191249	Capscrew	2
14	19-224	Washer	2
15	19-087	Lock Nut	2
16	22-475	Grommet	1
17	31-1738	Grommet	2
18	19-135	Ty Rap (not shown)	2

**Used before S/N 3001*
***Used after S/N 3000*
(approx 5-1-84)



NOTE: For service purposes, Wire Harness P/N 20-1577T2 has now been divided into two separate wire harnesses (one for the rear frame - P/N 20-2058T1 & one for the hydraulic valve - P/N 20-2059T1). With the one piece wire harness (*) the implement socket will be mounted as shown above while with the two separate harnesses (**) it is mounted back by the rear lights.

NOTE: Service breakdowns for the lights are found on pages 2-21 & 2-22.

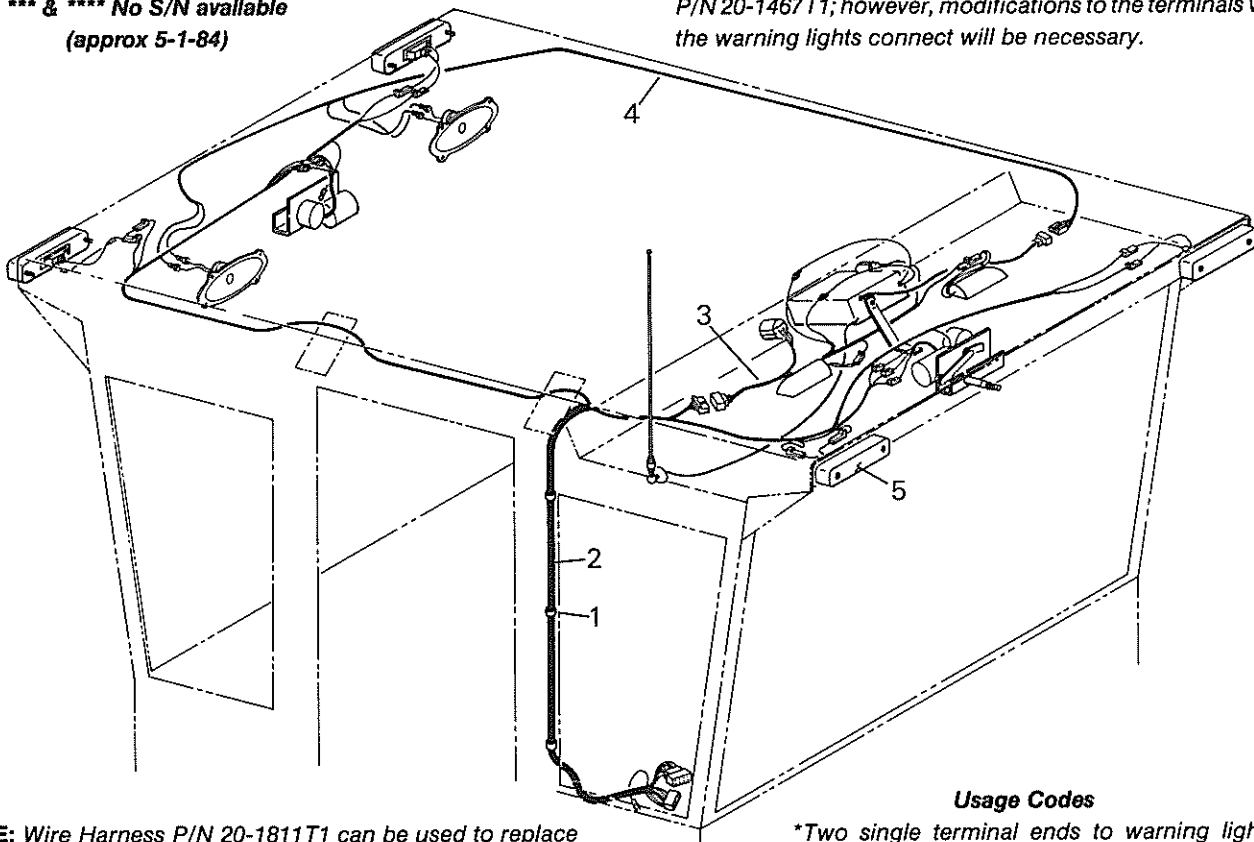
***NOTE:** The optional mating plug for the socket connector is P/N 22-1143.

Rear Frame Electrical (5th Wheel Rear Frame)

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	02-2956T1	Backup Alarm	1	10	19-007	Capscrew	2
2	191249	Capscrew	2	11	19-077	Nut	2
3	19-224	Washer	2	12	02-6773T2	Wire Guard	1
4	19-087	Lock Nut	2	13	19-291	Lock Nut	2
5	20-1577T2	Rear Frame Wire Harness (D)* (see Note)	1	14	19-223	Washer	2
	20-2058T1	Rear Frame Wire Harness (D)**		15	64-162	Grommet	2
6	31-1212	Clamp Assy	2	16	31-1368	Clamp Assy (used with ** only)	1
7	20-1108T2	Rear Lights Wire Harness	1	17	20-2059T1	Valve Wire Harness (used with ** only)	1
8	22-789	Socket Connector*	1	18	19-135	Ty Rap (not shown)	5
9	22-790	Boot	1				

*** & **** No S/N available
(approx 5-1-84)

NOTE: Wire Harness P/N 20-1812T1 can be used to replace P/N 20-1467T1; however, modifications to the terminals where the warning lights connect will be necessary.



NOTE: Wire Harness P/N 20-1811T1 can be used to replace P/N 20-1377T1; however, modifications to the terminals where the hourmeter connects will be necessary.

Usage Codes

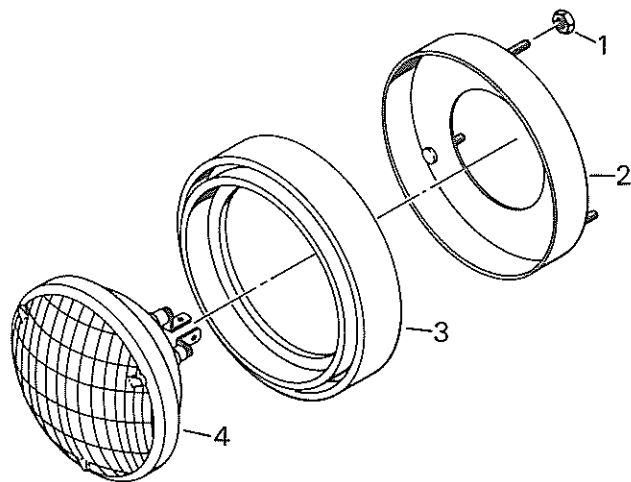
*Two single terminal ends to warning lights

**One double terminal end to warning lights

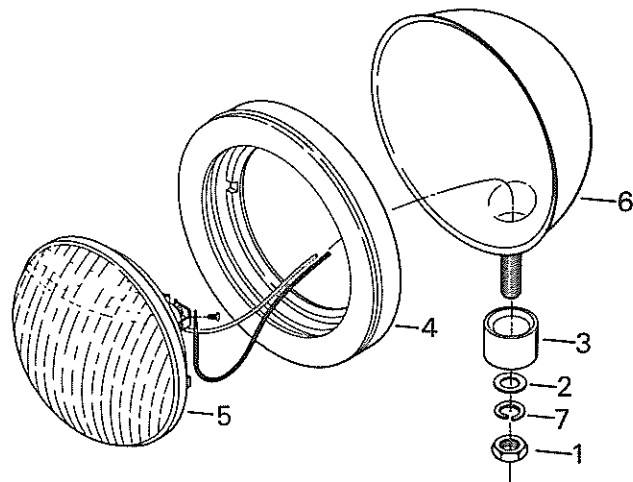
Upper Cab & Console Electrical

Ref.	Part No.	Description	Qty.
1	22-821	Clamp	3
2	20-1467T1	Upper Cab Wire Harness (C)* (see Note)	1
	20-1812T1	Upper Cab Wire Harness (C)**	

Ref.	Part No.	Description	Qty.
3	20-1377T1	Front Console Wire Harness (C)*** (see Note)	1
	20-1811T1	Front Console Wire Harness (C)****	
4	20-1298T2	Speaker Wire Harness	1
5		Warning Light Assy (see Page 2-22)	4



Headlamp

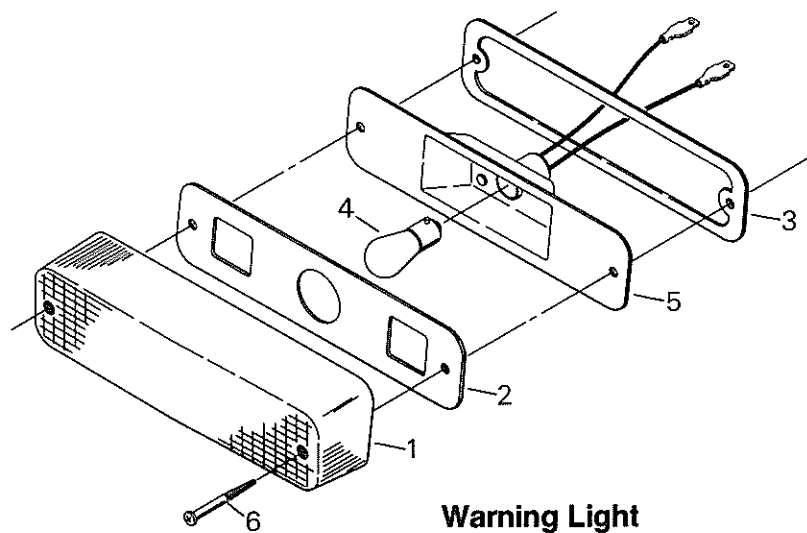
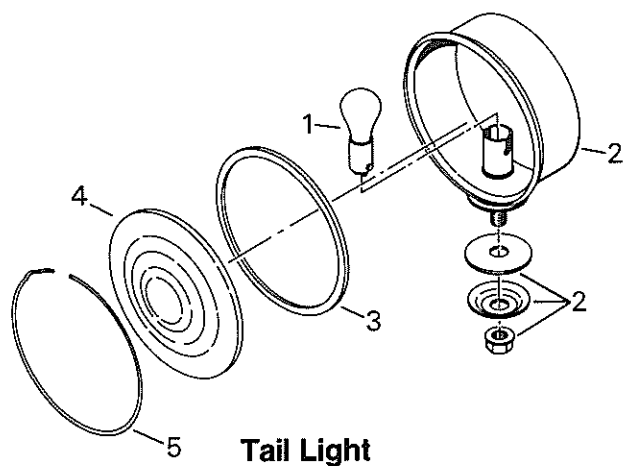


Field Light

Lights

Ref.	Part No.	Description	Qty.
1-4	22-657	Headlamp Assy (Hi-Lo)	2
	22-661	Headlamp Assy (Lo)	2
1	19-567	Nut	3
2	22-659	Frame	1
3	22-660	Retainer	1
4	22-658	Lamp (Hi-Lo)	1
	22-662	Lamp (Lo)	

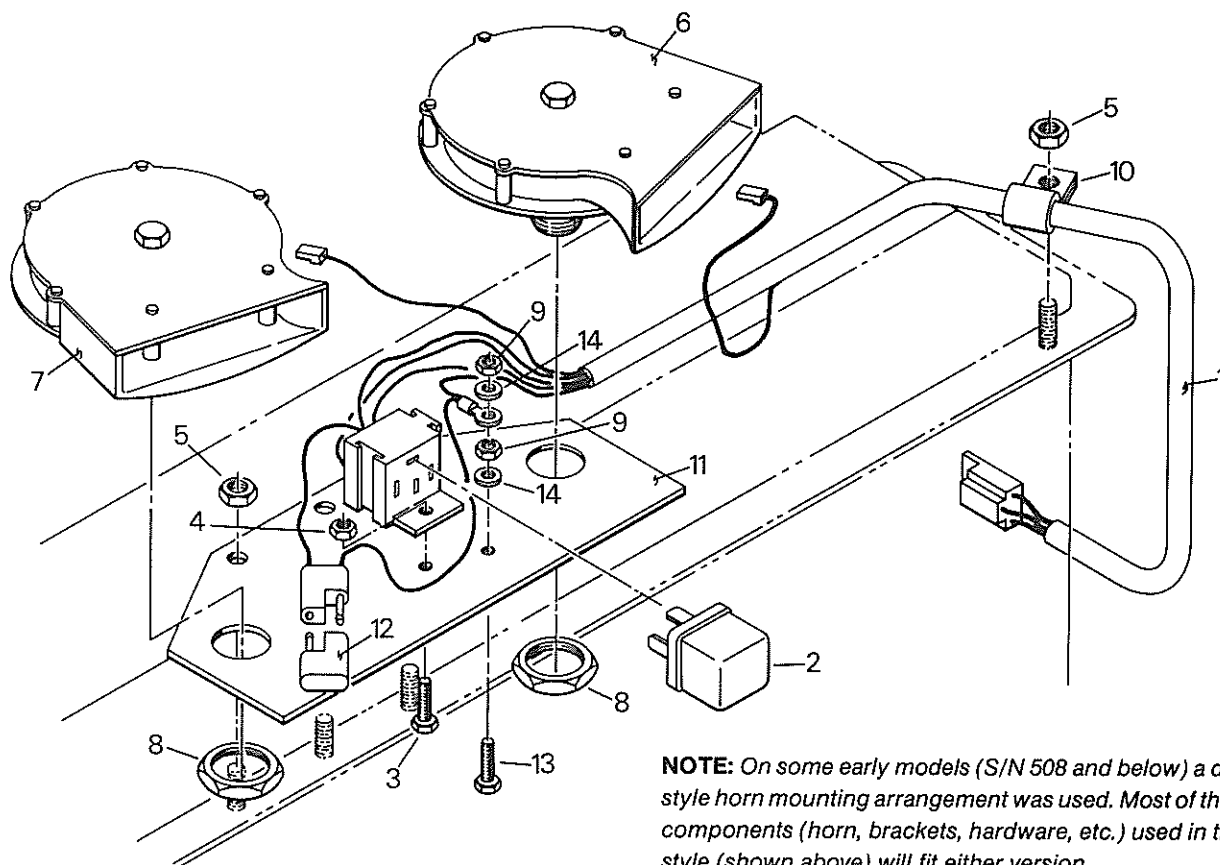
Ref.	Part No.	Description	Qty.
1-7	22-655	Field Light Assy (qty 4 on 5th Wheel Rear Frame)	6
1	19-237	Jam Nut	1
2	22-367	Washer	1
3	22-366	Bushing	1
4	22-660	Retainer	1
5	22-656	Lamp	1
6	NSS	Housing	1
7	19-119	Lock Washer	1



Lights

Ref.	Part No.	Description	Qty.
1-5	22-668	Tail Light Assy	2
1	22-286	Bulb	1
2	NSS	Housing	1
3	22-285	Gasket	1
4	22-284	Lens	1
5	22-283	Retainer	1

Ref.	Part No.	Description	Qty.
1-5	22-665	Warning Light Assy (Two single terminal ends) (shown above)	4
	20-1950T91	Warning Light Assy (One double terminal end)	
1	22-666	Lens	1
2	22-663	Gasket	1
3	22-664	Gasket	1
4	22-667	Bulb	1
5	NSS	Body	1
6	19-1104	Screw	8



NOTE: On some early models (S/N 508 and below) a different style horn mounting arrangement was used. Most of the major components (horn, brackets, hardware, etc.) used in the later style (shown above) will fit either version.

NOTE: Use Wire Harness P/N 02-6566T2 to service early models (S/N 508 and below).

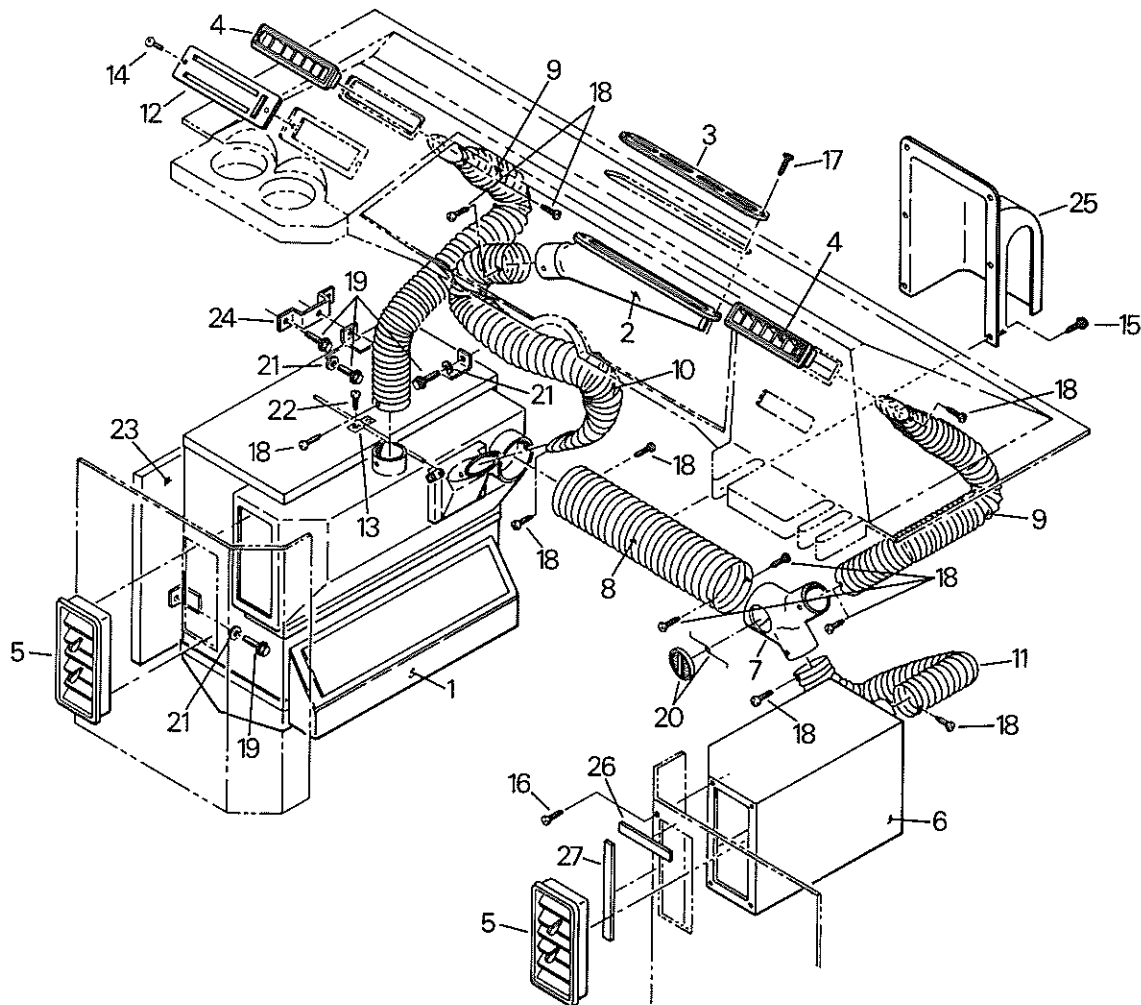
Horn & Mounting

Ref.	Part No.	Description	Qty.
1	20-1668T1	Horn Wire Harness (see Note)	1
2	01-7877	Relay	1
3	19-482	Machine Screw	1
4	19-5563	Lock Nut	1
5	19-5777	Jam Nut	4
6	29-1003	Horn	1
7	29-1002	Horn	1

Ref.	Part No.	Description	Qty.
8	19-1002	Nut	2
9	19-076	Nut	2
10	32-303	Clamp	1
11	02-6840T2	Mounting Bracket	1
12	22-738	Diode	1
13	19-001	Capscrew	1
14	19-115	Lock Washer	2

Section 3 - Climate Control

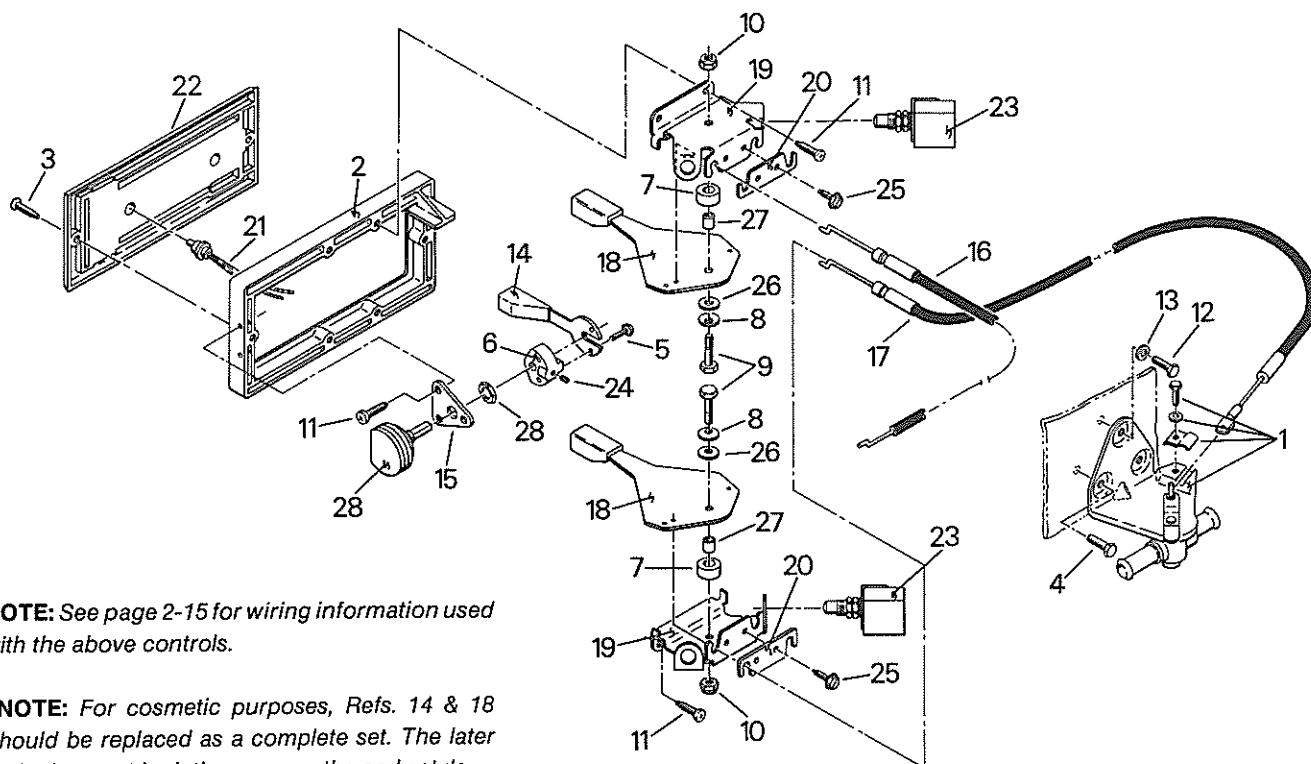
Description	Page
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A/C & Heater Module Assembly (Later Style)	3-4
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A/C Compressor & Mounting (Cat 3406 Engine - Early Style)	3-8
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A/C Compressor Assembly (Later Style)	3-11



Cab A/C & Heater Plumbing

Ref.	Part No.	Description	Qty.
1		Module Assy (see Pages 3-3 & 3-4)	1
2	25-1012	Defrost Duct	1
3	25-1013	Defrost Grille	1
4	25-1010	Louver	2
5	25-1011	Louver	2
6	01-4626	Transition Assy	1
7	01-4625	Hose Connector (incl Ref. 20)	1
8	60-4648T1	Air Hose (25-1015 - Code F)	1
9	25-1016	Air Hose	2
10	01-5398	Air Hose	1
11	01-6660	Air Hose	1
12		Control Panel (see Page 3-2)	1
13	60-2332T1	Clamp	1

Ref.	Part No.	Description	Qty.
14	19-1018	Tapping Screw	2
15	19-131	Tapping Screw	6
16	19-1019	Machine Screw	4
17	9424881	Machine Screw	2
18	19-5822	Tapping Screw	11
19	19-958	Tapping Screw	5
20	25-1071	Louver	1
21	19-467	Lock Washer	3
22	9419328	Tapping Screw	2
23	01-8653	Insulation	1
24	01-5335	Bracket	1
25	01-9433	Hose Cover	1
26	60-3964T1	Seal	4
27	60-3965T1	Seal	4



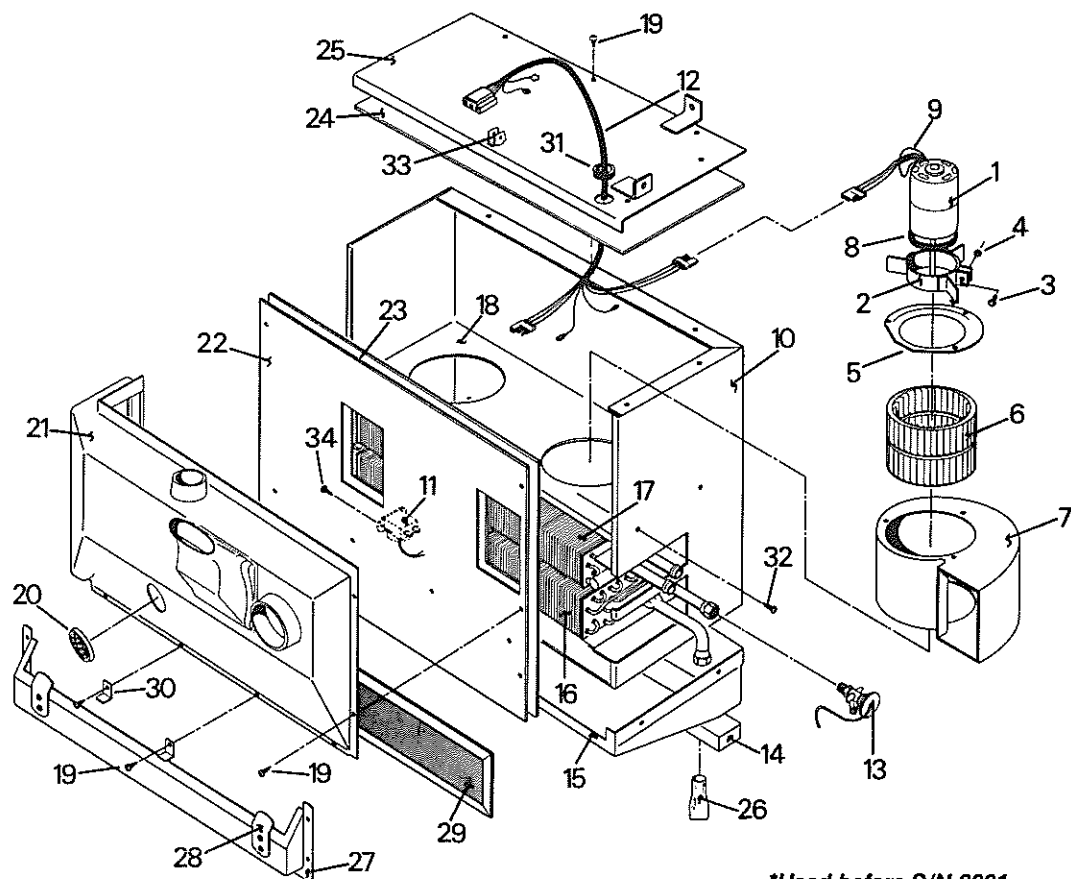
NOTE: See page 2-15 for wiring information used with the above controls.

***NOTE:** For cosmetic purposes, Refs. 14 & 18 should be replaced as a complete set. The later style does not look the same as the early style.

A/C & Heater Controls

Ref.	Part No.	Description	Qty.
1	60-2392T1	Water Valve	1
2	25-1064	Mounting Bracket	1
3	19-1018	Tapping Screw	2
4	19-131	Tapping Screw	2
5	19-5963	Machine Screw	2
6	60-2735T1	Lever Hub	1
7	19-5997	Spacer	2
8	19-5995	Spring Washer	2
9	19-6025	Machine Screw	2
10	19-5975	Lock Nut	2
11	19-1036	Tapping Screw	6
12	19-259	Tapping Screw	1
13	19-699	Washer	1
14	60-2324T1	Fan Switch Lever* (60-2413T1 - Code B)	1
15	60-2325T2	Switch Bracket	1
16	60-2686T1	Control Cable	1

Ref.	Part No.	Description	Qty.
17	60-2687T1	Control Cable	1
18	60-2732T2	Slide Control Lever* (60-2688T1 & 60-2732T1 - Code B)	2
19	60-2733T1	Slide Control Bracket	2
20	60-2734T1	Cable Retainer	2
21-22	60-2862T91	Control Panel Assy	1
21	20-1461T1	Light Assy	1
22	60-2410T1	Control Panel	1
23	20-1463T1	Micro Switch Assy	2
24	19-5926	Set Screw	1
25	9424856	Tapping Screw	4
26	19-5998	Washer	2
27	19-5996	Standoff	2
28	20-1462T2	Rotary Switch Assy (20-1462T1 - Code F)	1

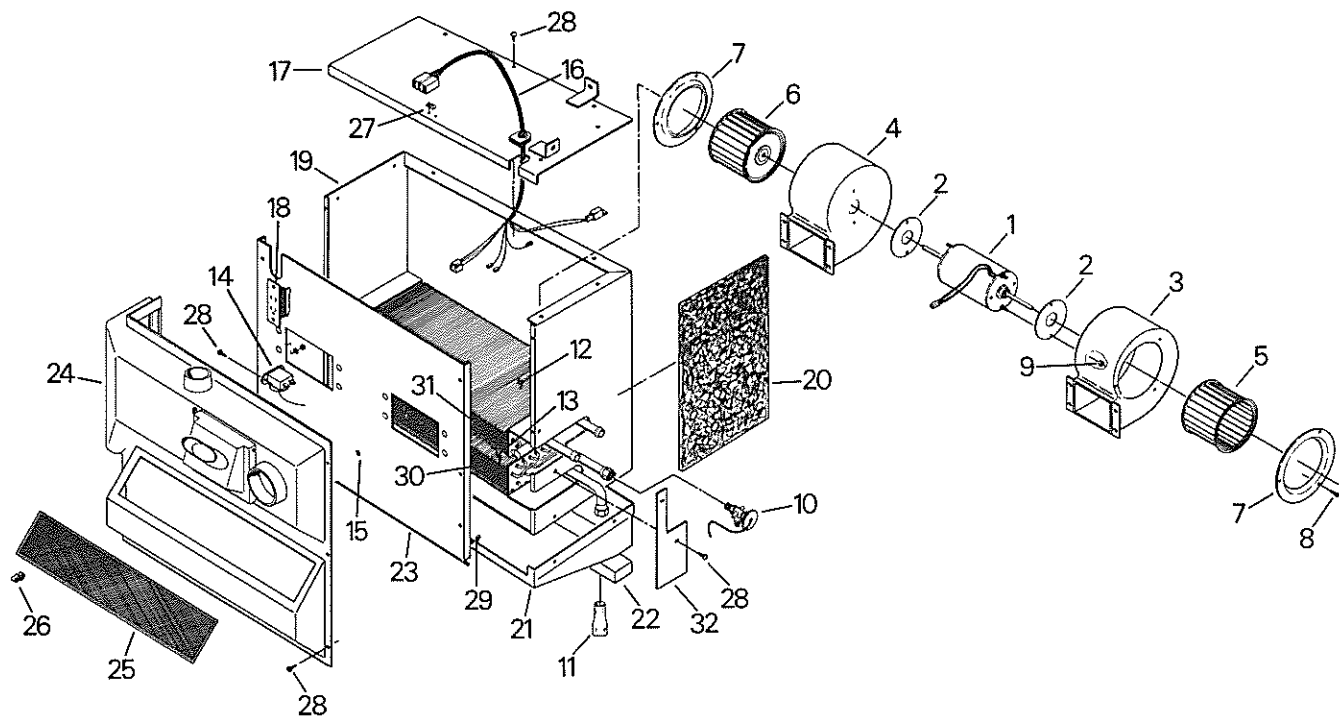


**Used before S/N 3001*

A/C & Heater Module Assembly (Early Style*)

Ref.	Part No.	Description	Qty.
1-34	60-2414T91	Module Assy	1
1-9	02-1373	Motor Assy	2
1	01-4005T1	Motor	2
2	25-1049	Bracket	2
3	19-159	Machine Screw	2
4	19-1038	Kep Nut	4
5	25-1047	Blower Inlet Ring	2
6	25-1046	Blower Wheel	2
7	25-1045	Blower Housing	2
8	25-1050	Gasket	2
9	25-1048	Ground Wire	2
10	01-8083	Wrapper Assy	1
11	25-1039	Thermostat	1
12	20-1606T1	Wire Harness	1
13	01-7844	Expansion Valve	1
14	25-1059	Pad	1
15	01-8087	Drip Pan	1
16	01-7842	Evaporator Coil	1
17	01-7843	Heater Core	1

Ref.	Part No.	Description	Qty.
18	25-1043	Blower Mounting Plate	1
19	19-1033	Tapping Screw	28
20	25-1071	Louver Assy	1
21	25-1057	Transition Assy	1
22	01-8386	Panel	1
23	25-1054	Insulation	1
24	25-1056	Insulation	1
25	25-1055	Cover Assy	1
26	25-1060	Drain Tube	2
27	01-2066	Filter Transition Assy	1
28	01-2068	Clamp	2
29	01-2065	Filter (with Foam Seal)	1
30	01-2067	Clip	2
31	31-1008	Grommet	1
32	9418047	Tapping Screw	4
33	02-1374	Clip	1
34	19-1027	Tapping Screw	2
35	01-1701	Filter Coating (can not shown)	AR

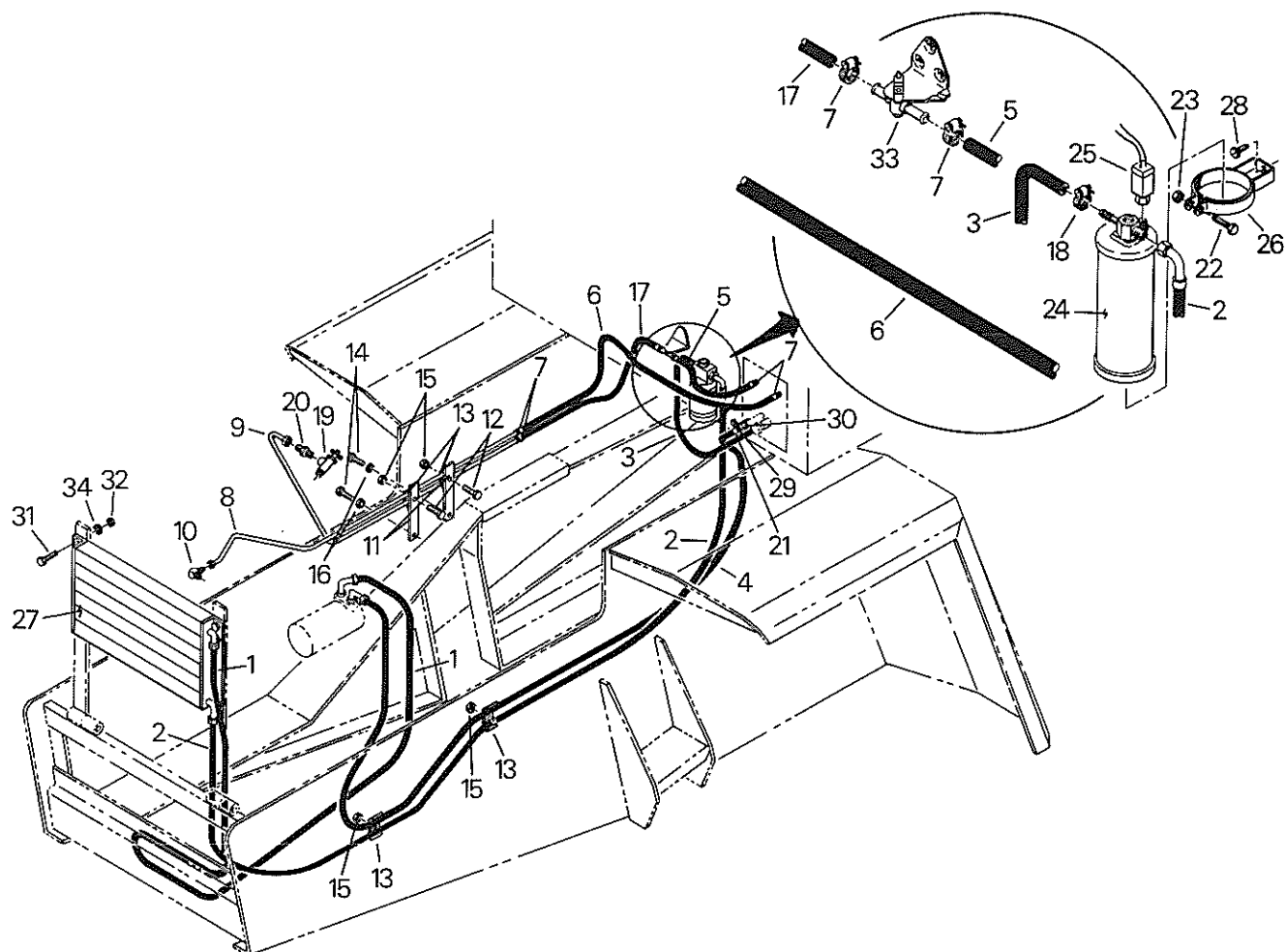


**Used after S/N 3000*

A/C & Heater Module Assembly (Later Style*)

Ref.	Part No.	Description	Qty.
1-32	60-3806T91	Module Assy	1
1-9	60-2641T91	Blower Assy	1
1	60-2564T2	Blower Motor (60-2564T1 - Code B)	1
2	60-2565T1	Motor Gasket	2
3	60-2568T1	Blower Housing (Right)	1
4	60-2569T1	Blower Housing (Left)	1
5	60-2566T2	Blower Wheel (Right)	1
6	60-2629T2	Blower Wheel (Left)	1
7	60-2567T1	Inlet Flange	2
8	9426646	Tapping Screw	6
9	19-5975	Lock Nut	4
10	01-7844	Expansion Valve	1
11	25-1060	Drain Tube	1
12	01-7842	Evaporator Coil	1
13	01-7843	Heater Core	1
14	25-1039	Thermostat	1
15	31-1725	Grommet	1

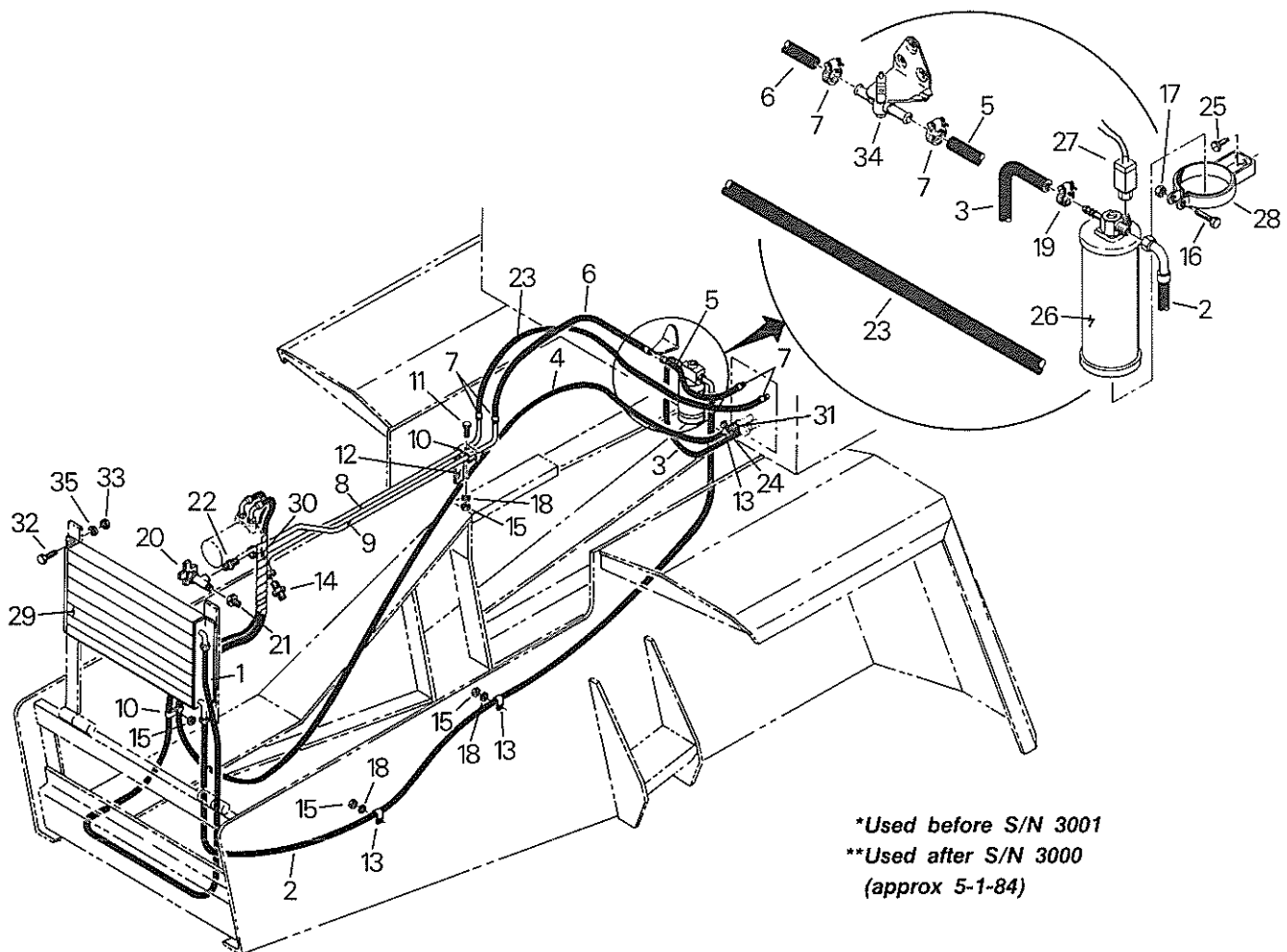
Ref.	Part No.	Description	Qty.
16	60-4312T1	Wire Harness	1
17	NSS	Cover Assy	1
18	60-4313T1	Resistor	1
19	NSS	Wrapper Assy	1
20	60-4314T1	Firewall Seal	1
21	01-8087	Drip Pan	1
22	25-1059	Pad	1
23	NSS	Front Panel	1
24	60-4311T1	Transition Assy	1
25	01-2065	Filter	1
26	60-4318T1	"S" Clip	4
27	02-1374	Clip	1
28	19-1027	Tapping Screw	26
29	445476	U-Nut	2
30	60-4316T1	Heater Foam	1
31	60-4317T1	Evaporator Foam	1
32	60-4362T1	Panel	1
33	01-1701	Filter Coating (can not shown)	AR



A/C & Heater Plumbing (Cummins 855 Engine)

Ref.	Part No.	Description	Qty.
1	31-1364	Hose	1
2	31-1356	Hose	1
3	31-1351	Hose	1
4	31-1298	Hose	1
5	31-1352	Hose	1
6	31-1295	Hose	1
7	25-285	Clamp	6
8	25-389T1	Heater Tube	1
9	25-388	Heater Tube	1
10	31-340	Elbow	1
11	25-395	Strap	2
12	19-550	Capscrew	2
13	32-1000	Clamp	4
14	19-821	Capscrew	2
15	19-1081	Lock Nut	4
16	19-119	Lock Washer	2
17	31-1067	Hose	1
18	25-048	Clamp	1
19	31-1275	Truck Valve	1

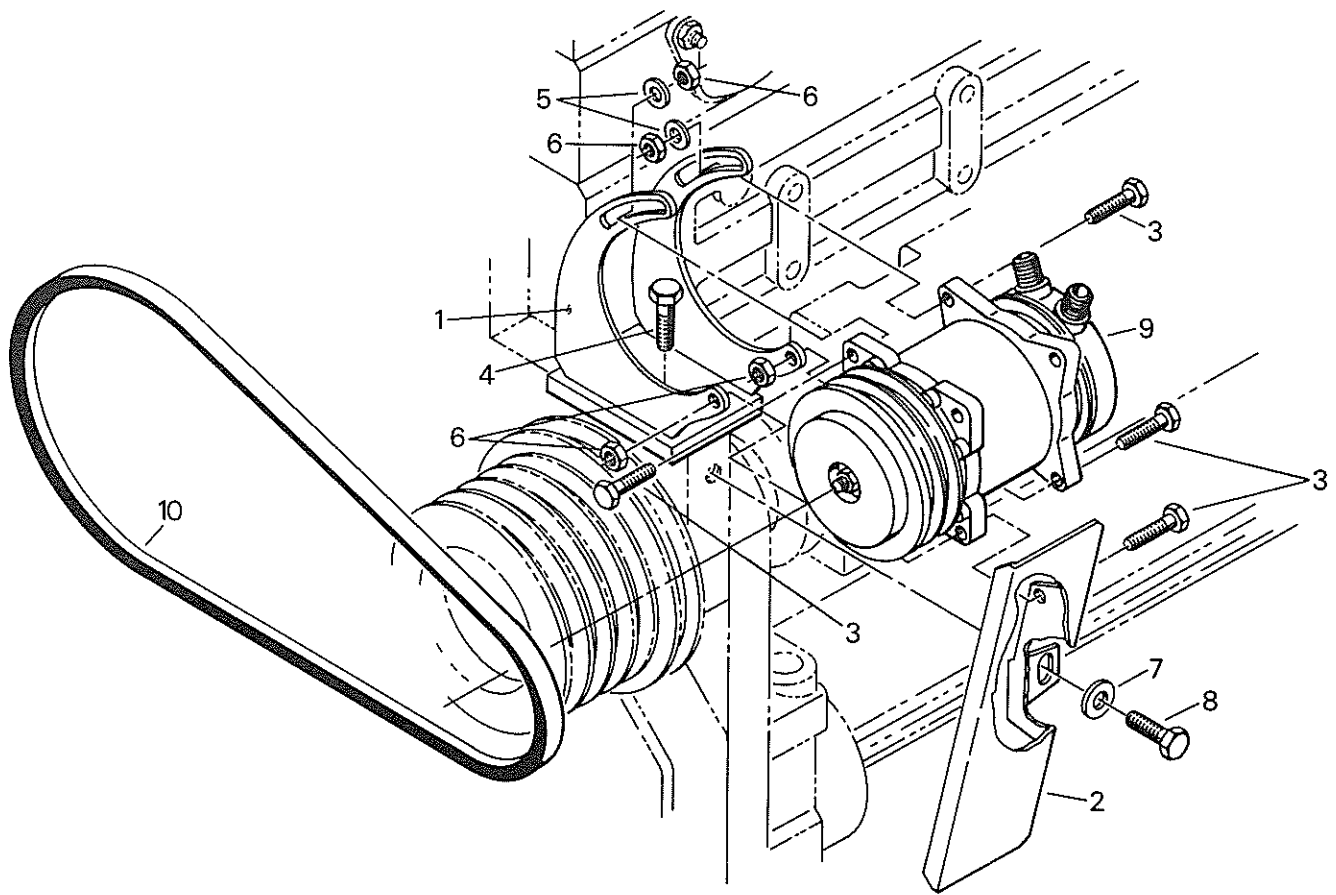
Ref.	Part No.	Description	Qty.
20	31-319	Connector	1
21	19-484	Tapping Screw	1
22	19-211	Capscrew	2
23	19-5381	Nut	2
24	01-7778	Receiver Drier	1
25	25-1002	Low Press. Switch	1
26	01-8563	Bracket	2
27	25-196	Condenser	1
	02-3370T1	Condenser (interchangeable with P/N 25-196)	
28	19-485	Tapping Screw	2
29	32-302	Clamp	1
30	31-2063	Adapter	1
31	19-480	Machine Screw	8
32	19-567	Nut	8
33		Water Valve (see Page 3-2)	1
34	19-699	Washer	8
35	19-135	Ty Rap (not shown)	4



A/C & Heater Plumbing (Cat 3406 Engine)

Ref.	Part No.	Description	Qty.
1	31-1364	Hose (D)*	1
	31-1245	Hose (D)**	
2	31-1356	Hose	1
3	31-1351	Hose	1
4	31-1300	Hose (D)*	1
	31-1299	Hose (D)**	
5	31-1352	Hose	1
6	31-1067	Hose	1
7	25-285	Clamp	6
8	26-1026	Heater Tube	1
9	01-6867	Heater Tube	1
10	32-1000	Clamp	2
11	19-550	Capscrew	1
12	25-1027	Bracket	1
13	32-302	Clamp	3
14	31-411	Connector	1
15	19-1081	Lock Nut	4
16	19-211	Capscrew	2
17	19-5381	Nut	2
18	19-106	Washer	3
19	24-048	Clamp	1

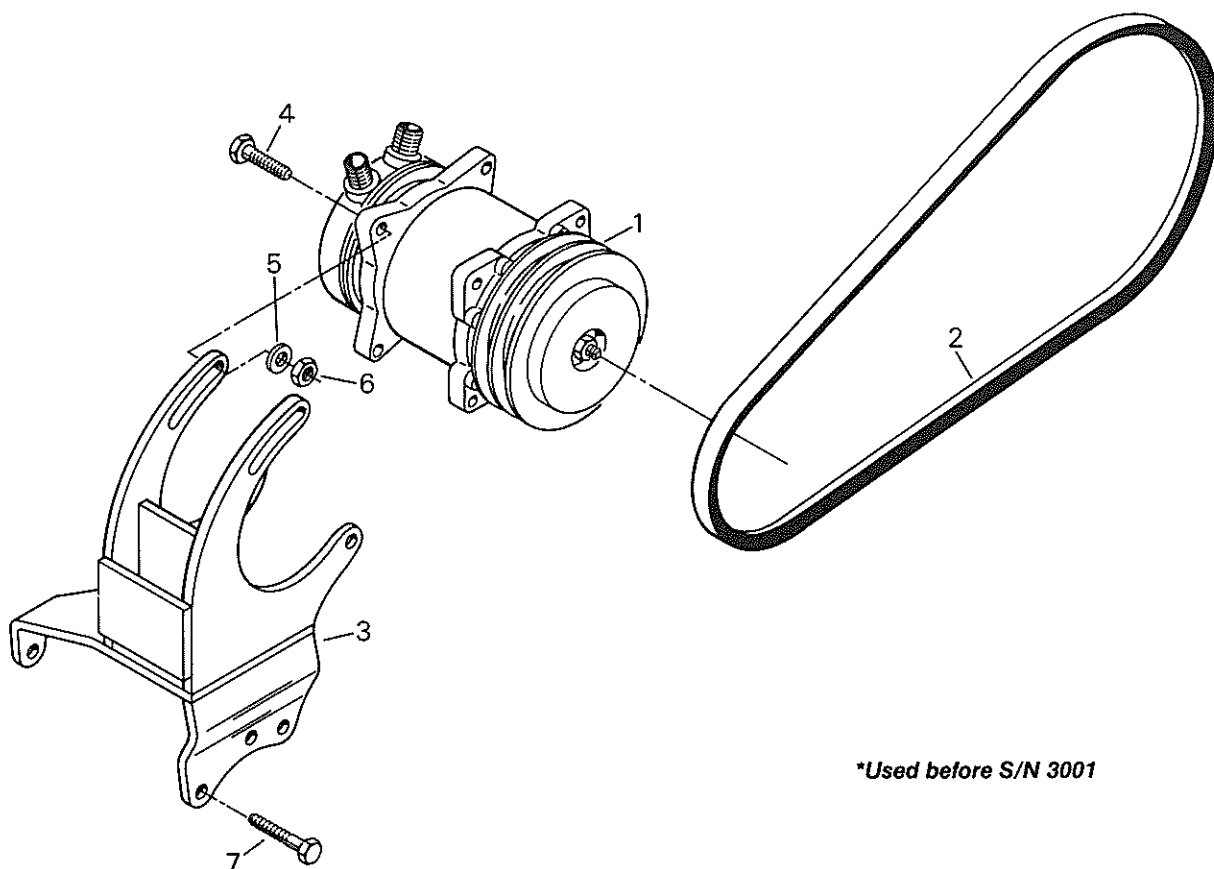
Ref.	Part No.	Description	Qty.
20	31-1275	Truck Valve	1
21	31-013	Reducer	1
22	31-319	Connector	1
23	31-1295	Hose	1
24	19-484	Tapping Screw	1
25	19-485	Tapping Screw	2
26	01-7778	Receiver Drier	1
27	25-1002	Low Press. Switch	1
28	01-8563	Bracket	2
29	25-196	Condenser	1
	02-3370T1	Condenser (interchangeable with P/N 25-196)	
30	01-5599	Sleeve (not used on later models)	1
31	31-2063	Adapter	1
32	19-480	Machine Screw	8
33	19-567	Nut	8
34		Water Valve (see Page 3-2)	1
35	19-699	Washer	8
36	19-135	Ty Rap (not shown)	3



A/C Compressor & Mounting (Cummins 855 Engine)

Ref.	Part No.	Description	Qty.
1	55-209	Compressor Mount	1
2	01-4614	Nip Point Shield	1
3	19-454	Capscrew (metric)	4
4	19-543	Capscrew	2
5	19-108	Washer	2
6	19-455	Lock Nut (metric)	4

Ref.	Part No.	Description	Qty.
7	19-711	Washer	1
8	19-674	Capscrew	1
9		A/C Compressor Assy (see Pages 3-10 & 3-11)	1
10	01-6864	A/C Compressor Belt	1



**Used before S/N 3001*

A/C Compressor & Mounting

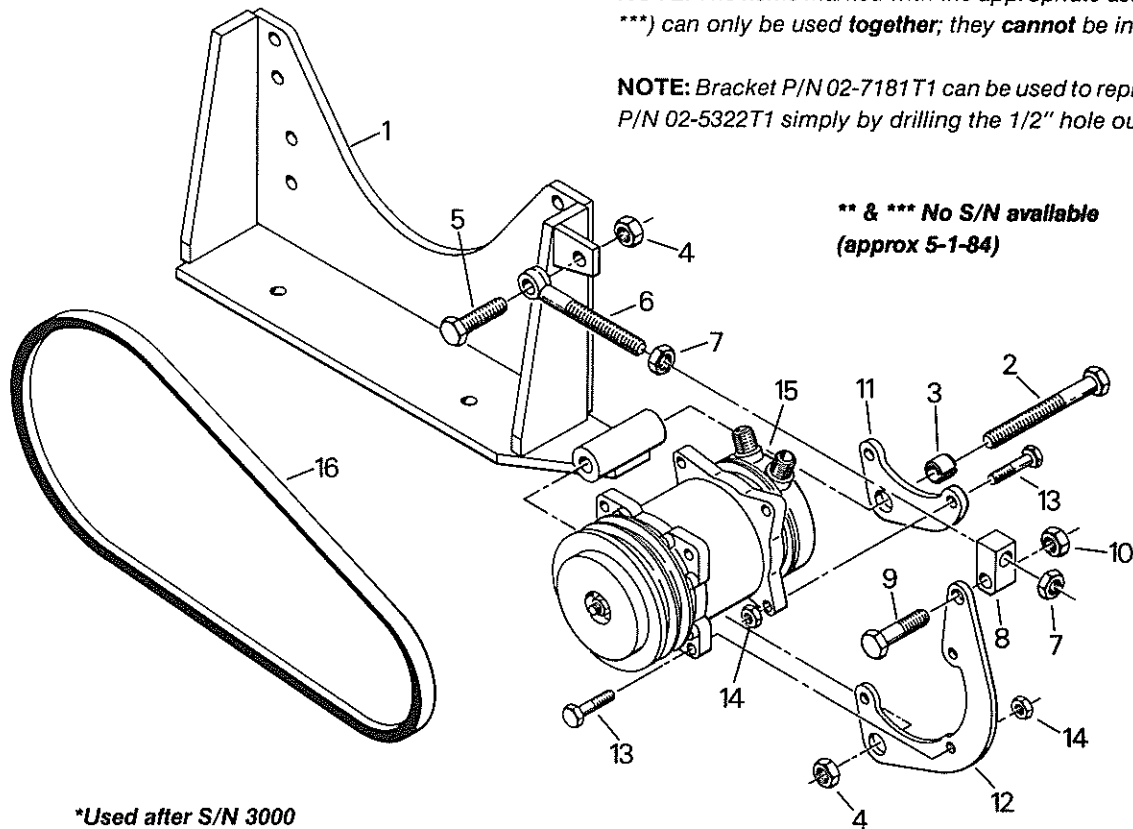
(Cat 3406 Engine - Early Style*)

Ref.	Part No.	Description	Qty.
1		A/C Compressor Assy (see Pages 3-10 & 3-11)	1
2	01-2228	A/C Compressor Belt	1
3	25-1021	Compressor Mount	1

Ref.	Part No.	Description	Qty.
4	19-454	Capscrew (metric)	4
5	19-108	Washer	2
6	19-455	Lock Nut (metric)	4
7	19-652	Capscrew	4

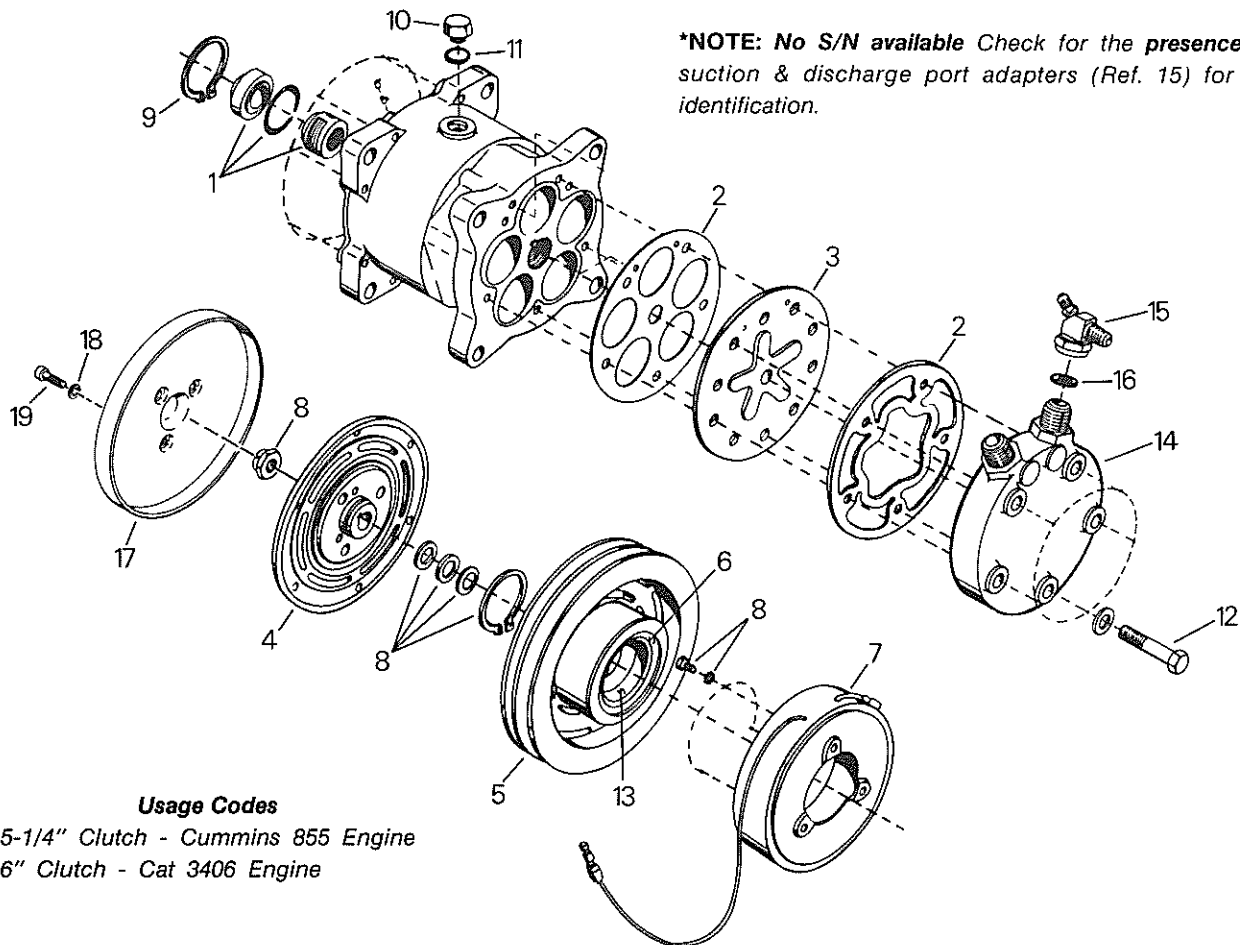
NOTE: The items marked with the appropriate asterisks (** or ***) can only be used **together**; they **cannot** be intermixed.

NOTE: Bracket P/N 02-7181T1 can be used to replace Bracket P/N 02-5322T1 simply by drilling the 1/2" hole out to 5/8".



A/C Compressor & Mounting (Cat 3406 Engine - Later Style*)

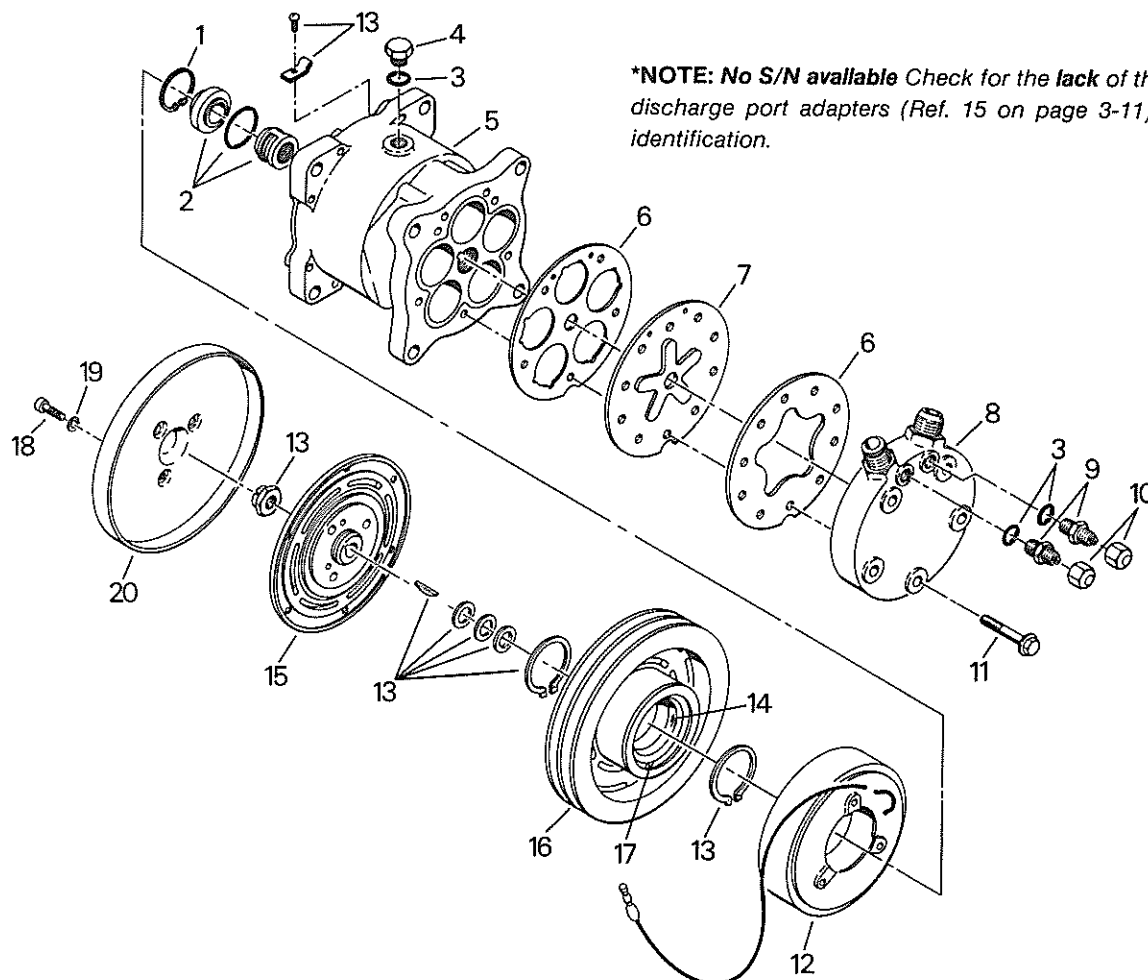
Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	02-5320T1	Engine Mount	1	10	19-5960	Lock Nut (out with ***)	1
2	9430514	Capscrew	1	11	02-5292T1	Bracket	1
3	02-1144T1	Bushing	1	12	02-5322T1	Bracket (5/8" hardware) (D)**	1
4	19-653	Lock Nut (qty 2 with **)	3		02-7181T1	Bracket (1/2" hardware) (D)***	
5	427566	Capscrew	1			(see Note)	
6	22-1086T1	Adjusting Rod	1	13	19-454	Capscrew (metric)	5
7	19-1060	Jam Nut	2	14	19-455	Lock Nut (metric)	5
8	22-1083	Block (5/8" hardware) (D)**	1	15		A/C Compressor Assy	1
	01-6899T1	Block (1/2" hardware) (D)***				(see Pages 3-10 & 3-11)	
9	19-060	Capscrew (5/8") (D)**	1	16	90-3806T1	A/C Compressor Belt	1
	19-046	Capscrew (1/2") (D)***					



A/C Compressor Assembly (Early Style*)

Ref.	Part No.	Description	Qty.
1-16	35-1224T91	A/C Compressor Assy*	1
	35-1225T91	A/C Compressor Assy**	
1-14	02-1780	A/C Compressor Assy*	1
	02-1781	A/C Compressor Assy**	
1	25-230	Seal Kit	1
2	25-231	Gasket Kit	1
3	25-232	Valve Plate Assy (incl Ref. 2)	1
4-6	01-3759	Pulley & Front Plate Assy*	1
	01-3733	Pulley & Front Plate Assy**	
4-8	01-3764	Clutch Assy*	1
	01-3761	Clutch Assy**	
4	NSS	Clutch*	1
	NSS	Clutch**	
5	NSS	Pulley*	1
	NSS	Pulley**	
6	35-1064	Bearing Kit (incl Ref. 13)	1
7	25-237	Coil*	1
	01-2434	Coil**	
8	01-2433	Accessory Kit	1

Ref.	Part No.	Description	Qty.
9	01-2435	Snap Ring	1
10	01-2436	Plug	1
11	01-2437	O-Ring	1
12	01-2438	Capscrew	5
13	01-3760	Dust Seal	1
14-16	35-1226T91	Head Assy	1
14	02-1870	Head	1
15	02-1778	Adapter (Discharge Port) (incl Ref. 16)	1
	02-1779	Adapter (Suction Port) (incl Ref. 16)	1
16	31-1423	O-Ring	2
17	25-194	Dust Shield*	1
	25-372	Dust Shield**	
18	19-890	Washer	3
19	19-891	Socket Head Capscrew	3
20	26-304	Dust Shield Decal (not shown)	1



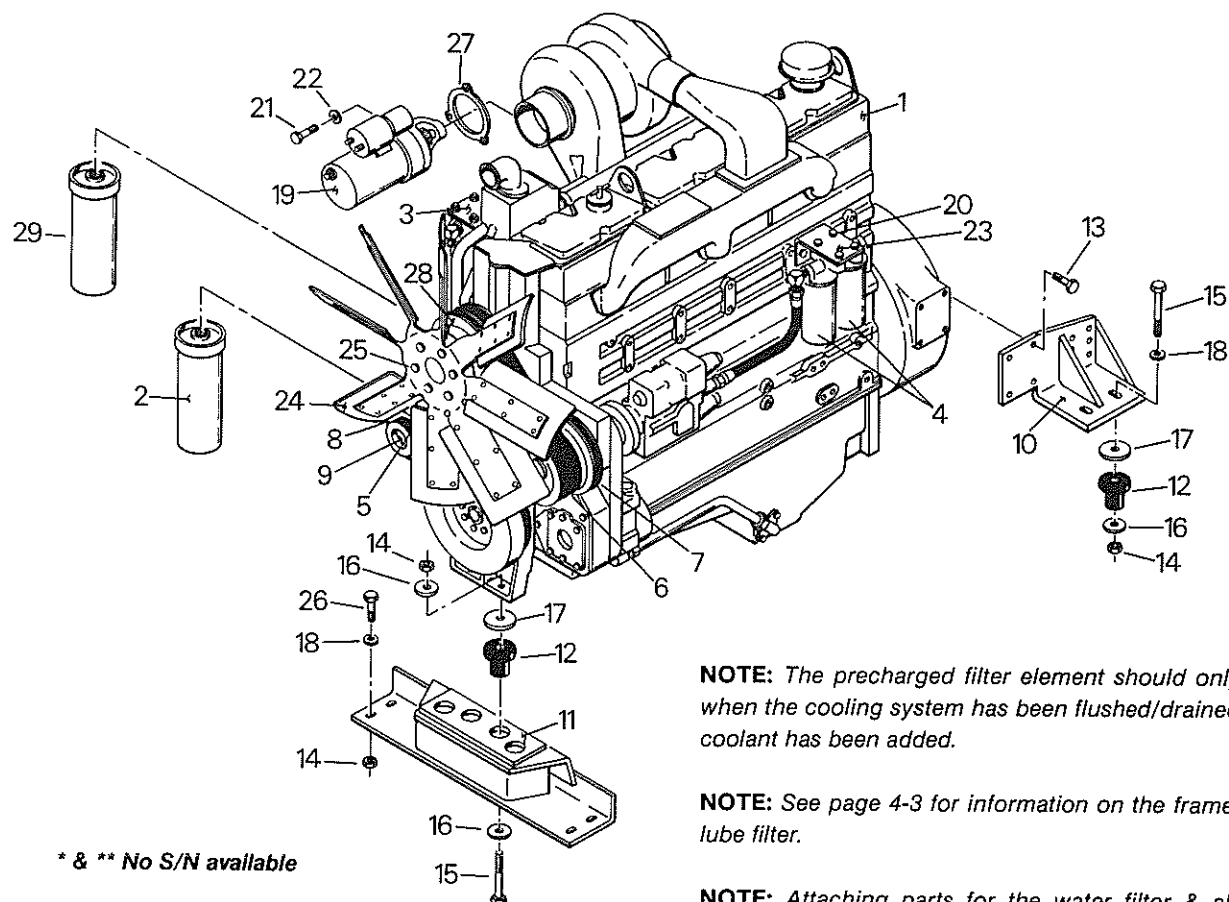
A/C Compressor Assembly (Later Style*)

Ref.	Part No.	Description	Qty.
1-17	60-2921T91	A/C Compressor Assy	1
1-11	60-3595T91	A/C Compressor Body Assy (also incl Ref. 13)	1
1	01-2435	Snap Ring	1
2	60-3091T1	Seal Kit	1
3	01-2437	O-Ring	3
4	01-2436	Plug	1
5	NSS	Compressor Body	1
6	25-231	Gasket Kit	1
7	60-3092T91	Valve Plate Assy (incl Ref. 6)	1
8	60-3093T1	Cylinder Head (incl Ref. 6)	1
9	01-2440	Service Port	2
10	01-2441	Service Port Cap	2

Ref.	Part No.	Description	Qty.
11	01-2438	Flanged Capscrew	5
12	25-237	Coil	1
13	60-3095T1	Accessory Kit	1
14-17	01-3759	Pulley & Front Plate Assy	1
14	35-1064	Bearing Kit (incl Ref. 17)	1
15	NSS	Clutch	1
16	NSS	Pulley	1
17	01-3760	Dust Seal	1
18	19-891	Socket Head Capscrew	3
19	19-890	Washer	3
20	25-194	Dust Shield	1
21	26-304	Dust Shield Decal (not shown)	1

Section 4 - Drive Train

Description	Page
Engine & Attaching Parts (Cummins 855 Engine)	4-1
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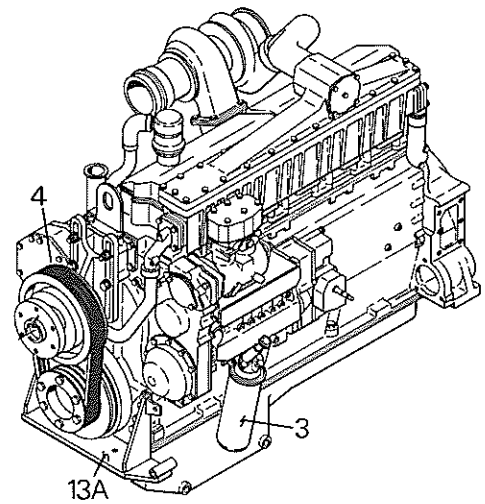
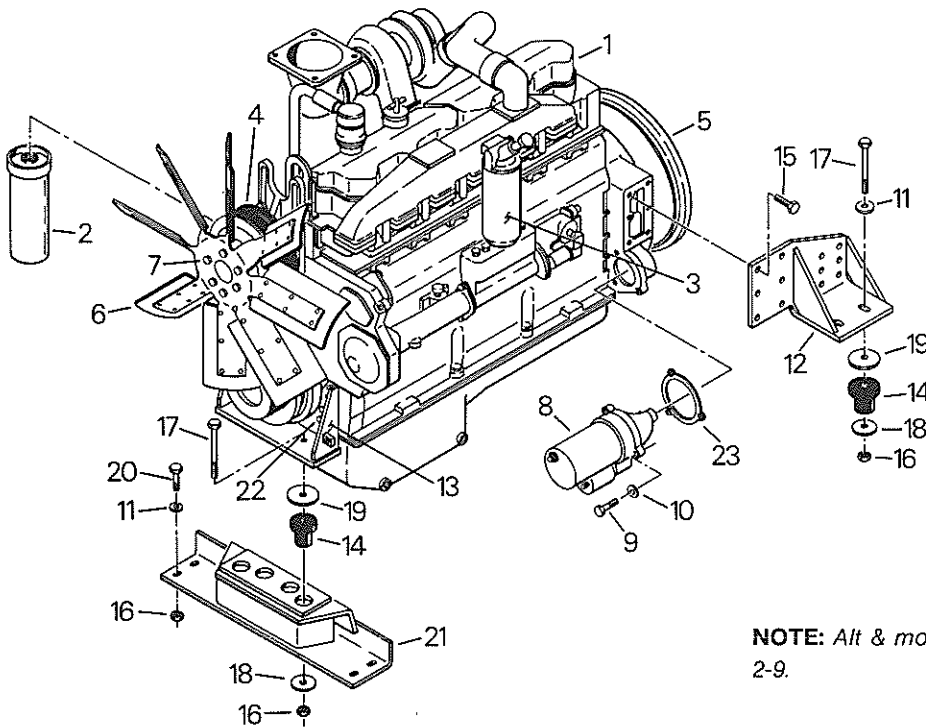
Engine & Attaching Parts (Cummins 855 Engine)

Ref.	Part No.	Description	Qty.
1	90-2457T1	Engine (NT 855 C - 280 HP)*	1
	90-5917T1	Engine (NT 855 A - 280 HP)**	
	90-2458T1	Engine (NT 855 C - 325 HP)*	
	90-5918T1	Engine (NTA 855 A - 325 HP)**	
	90-2459T1	Engine (NTA 855 C - 360 HP)*	
	90-5919T1	Engine (NTA 855 A - 360 HP)**	
2	01-2187	Oil Filter	1
3	28-031	Water Filter (see Note)	1
	01-7834	Water Filter (Precharged)	
4	28-035	Fuel Filter	2
5	90-1375T1	Alt Belt (set of 2)	1
6	02-4432T1	Fan Belt (set of 2)	1
7	90-2383T1	Water Pump Belt	1
8		Alt Assy (see Pages 2-10 & 2-11)	1
9	22-741	Alt Pulley	1
10	90-1447T1	Engine/Trans Mount (Left)	1
	90-1448T1	Engine/Trans Mount (Right)	
11	90-1777T1	Engine Mount	1
12	24-231	Rubber Mount	6

Ref.	Part No.	Description	Qty.
13	19-059	Capscrew	8
14	19-222	Lock Nut	10
15	19-256	Capscrew	6
16	19-408	Washer	8
17	51-128	Washer	6
18	19-111	Washer	8
19		Starter (see Page 2-6)	1
20	19-017	Capscrew	4
21	19-907	Capscrew	3
22	19-912	Washer	3
23	NAP	Fuel Filter Bracket (Cummins part)	1
24	06-1597	Fan (280 & 325 HP Engines)	1
	90-2732T1	Fan (360 HP Engine)	
25	9421419	Capscrew	6
26	19-060	Capscrew	4
27	22-654	Gasket	1
28	90-3571T1	Fan Spacer	1
29	90-1158T1	Lube Filter (used with ** only)	1

*Used before S/N 3001
 **Used after S/N 3000
 (approx 5-1-84)

Cat 3406 Engine*



Cat 3406 Engine**

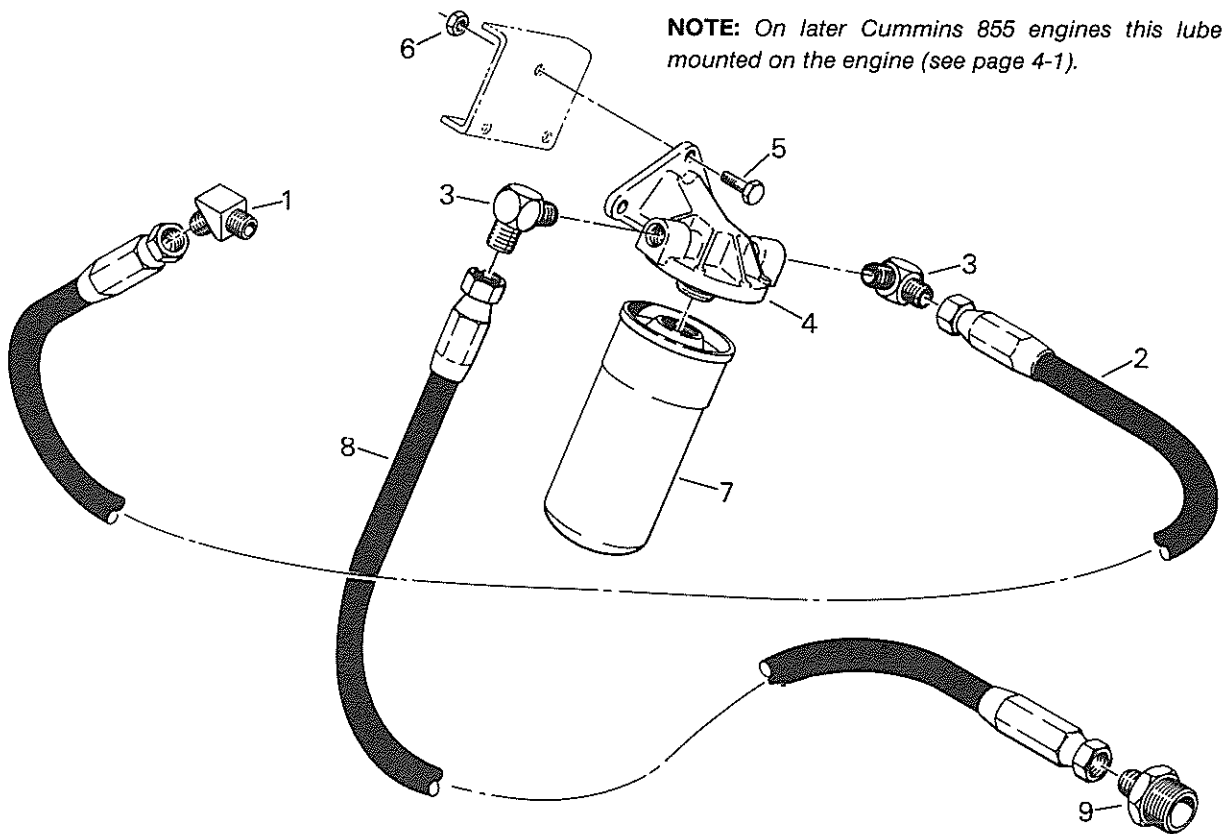
***Used before S/N 2513
 ****Used after S/N 2512
 (approx 6-1-83)

NOTE: Alt & mounting information is found on pages 2-8 & 2-9.

Engine & Attaching Parts (Cat 3406 Engine)

Ref.	Part No.	Description	Qty.
1	90-2173T1	Engine (3406 DIT - 280 HP)*	1
	90-3926T1	Engine (3406 DIT - 280 HP)**	
	90-2174T1	Engine (3406 DIT - 325 HP)*	
	90-3927T1	Engine (3406 DIT - 325 HP)**	
	90-2175T1	Engine (3406 DITA - 360 HP)*	
	90-3928T1	Engine (3406 DITA - 360 HP)**	
2	01-2335	Oil Filter	1
3	01-2334	Fuel Filter	1
4	90-1163T1	Fan Belt (set of 2)***	1
	90-3861T1	Fan Belt (set of 2)****	
5	90-1075T1	Trans Adapter (Cat P/N 6N9918)	1
6	06-1597	Fan (280 & 325 HP Engines)	1
	90-2732T1	Fan (360 HP Engine)	
7	19-821	Capscrew	6
8		Starter (see Page 2-6)	1
9	19-907	Capscrew	3

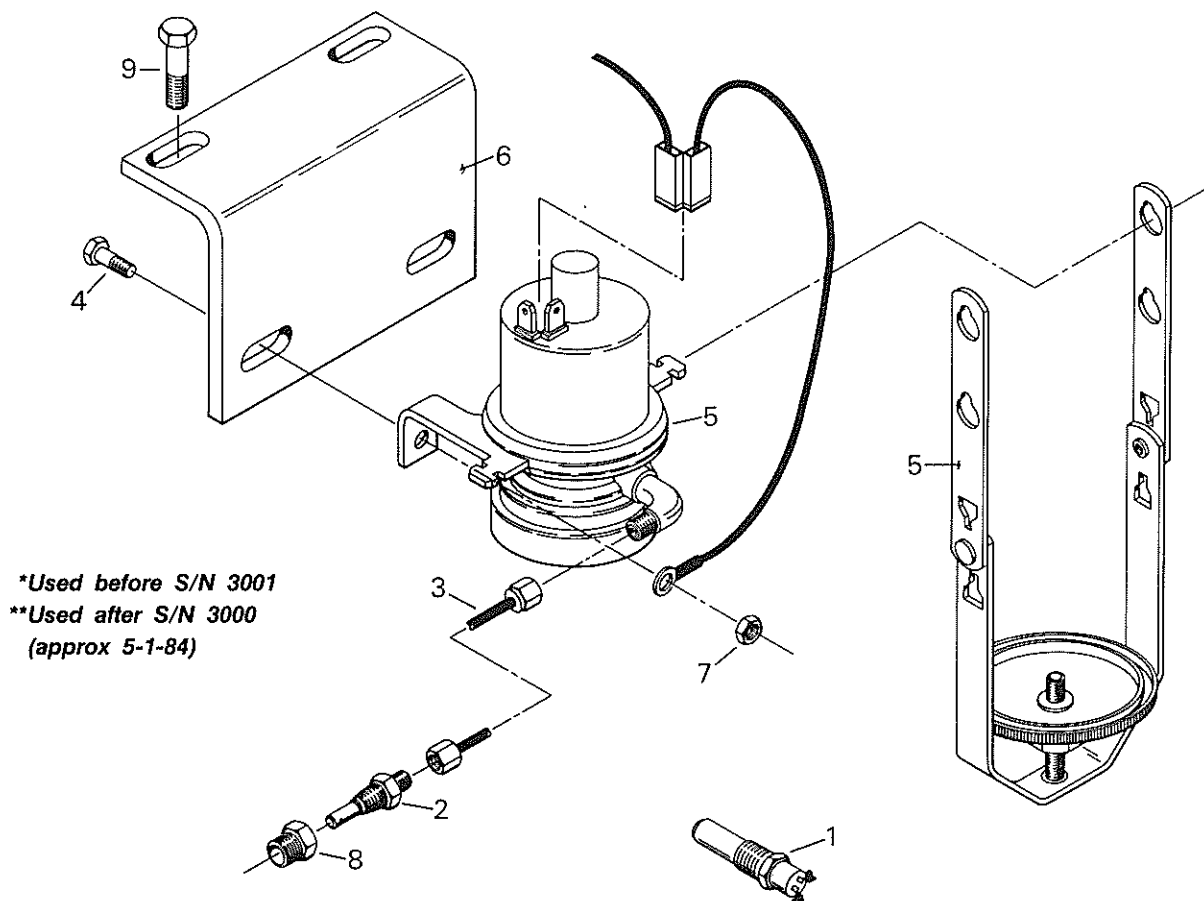
Ref.	Part No.	Description	Qty.
10	19-912	Washer	3
11	19-111	Washer	8
12	90-1449T1	Engine/Trans Mount (Left)	1
	90-1450T1	Engine/Trans Mount (Right)	
13	02-6752T1	Engine Support (D)*	1
13A	02-5320T1	Engine Support (D)**	
14	24-231	Rubber Mount	6
15	19-059	Capscrew	12
16	19-222	Lock Nut	10
17	19-256	Capscrew	6
18	19-408	Washer	6
19	51-128	Washer	6
20	19-060	Capscrew	4
21	90-1777T1	Engine Mount	1
22	NAP	Capscrew (existing engine hardware)	8
23	22-654	Gasket	1



Lube Filter & Mounting (Cummins 855 Engine)

Ref.	Part No.	Description	Qty.
1	31-662	Elbow	1
2	31-1528	Hose	1
3	31-269	Elbow	2
4	90-1157T1	Filter Head	1
5	19-033	Capscrew	3

Ref.	Part No.	Description	Qty.
6	19-080	Lock Nut	3
7	90-1158T1	Lube Filter	1
8	31-1876	Hose	1
9	31-375	Reducer	1

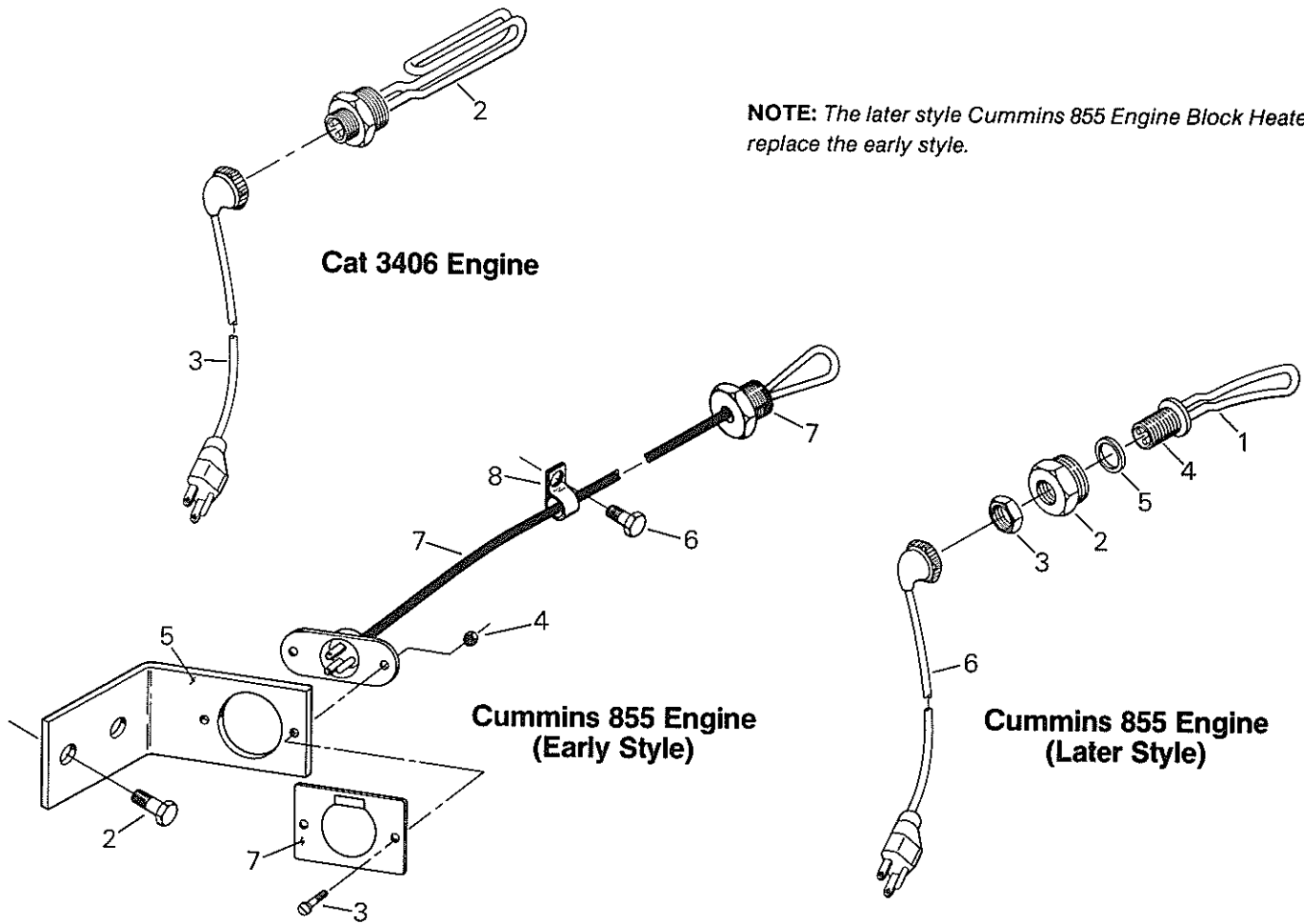


Ether Start Aid

Ref.	Part No.	Description	Qty.
1	20-1301T1	Temp Switch	1
2	06-1603	Atomizer	1
3	31-1347	Tubing* (Early Cat 3406 Engines - 280 & 325 HP & Cummins 855 Engine)	1
	01-6104	Tubing** (Later Cat 3406 Engines - 280 & 325 HP & All Cat 3406 Engines - 360 HP)	

Ref.	Part No.	Description	Qty.
4	19-006	Capscrew	2
5	06-1600	Solenoid Assy	1
6	90-1675T1	Bracket (see Note)	1
7	19-077	Nut	2
8	31-015	Reducer (Cat 3406 Engine only)	1
9	NAP	Capscrew (existing engine hardware)	2
10	01-1392	Ether Start Fluid (can not shown)	1

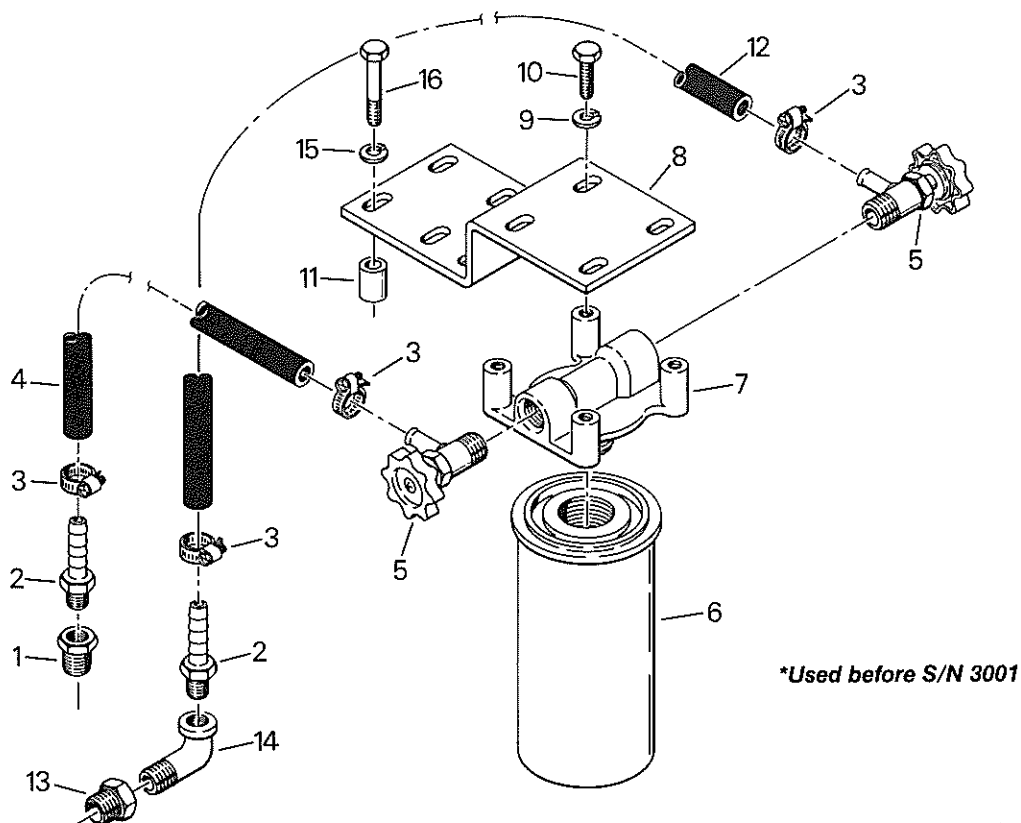
NOTE: The later style Cummins 855 Engine Block Heater will replace the early style.



Engine Block Heater

Ref.	Part No.	Description	Qty.
1-8	35-1232T91	Engine Block Heater Kit (Cummins 855 Engine) (Early Style)	1
1	90-1055	Installation Drawing	1
2	19-322	Capscrew	2
3	19-5422	Machine Screw	2
4	19-1015	Nut	2
5	90-1056T1	Mounting Bracket	1
6	181627	Capscrew	1
7	90-1057T1	Engine Heater	1
8	NSS	Clamp (incl with Ref. 7)	1

Ref.	Part No.	Description	Qty.
1-6	90-3490T91	Engine Block Heater (Cummins 855 Engine) (Later Style) (see Note)	1
1	NSS	Element	1
2	NSS	Reducer	1
3	NSS	Nut	1
4	NSS	Bushing	1
5	NSS	Gasket	1
6	90-3491T1	Heater Cord	1
1-3	35-1092	Engine Block Heater Kit (Cat 3406 Engine)	1
1	01-5614	Installation Drawing	1
2-3	01-5645	Engine Heater	1
2	01-5613	Element	1
3	01-5604	Heater Cord	1

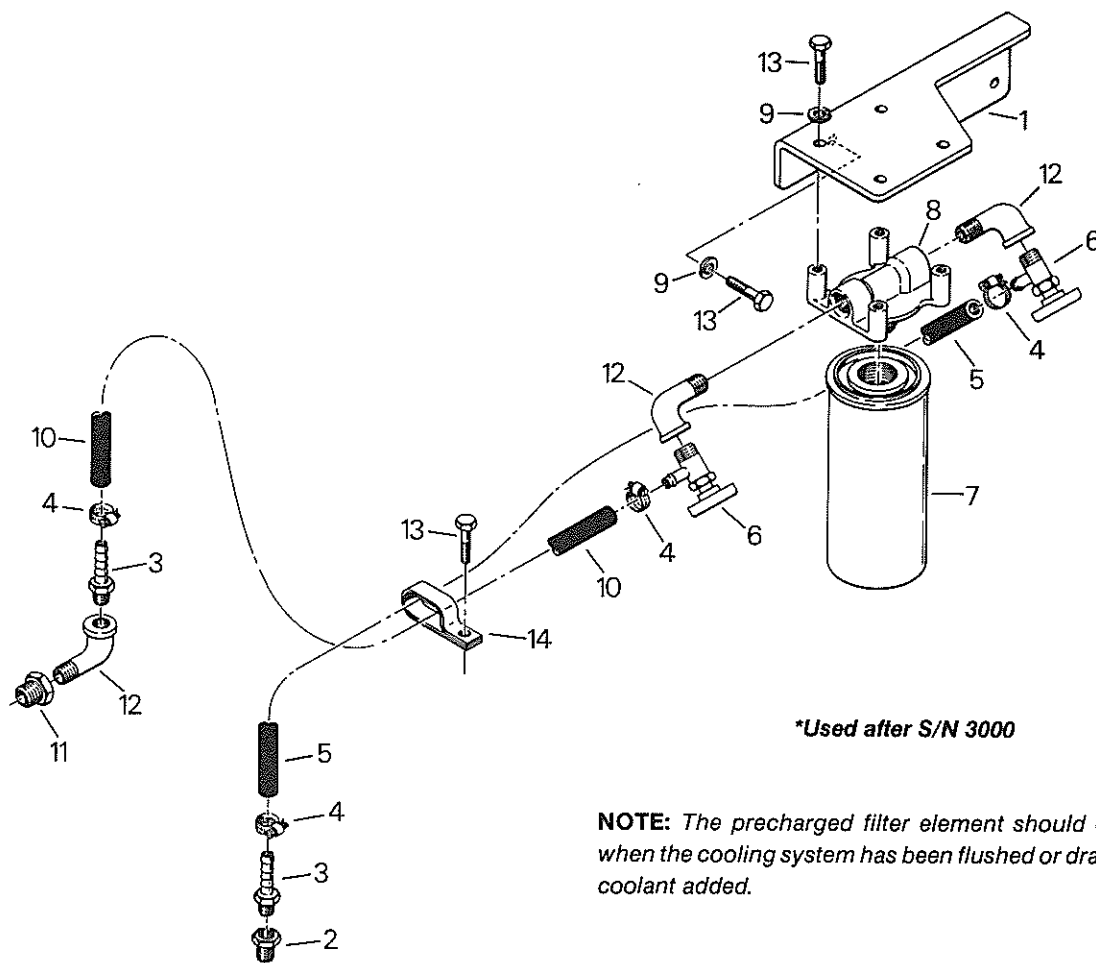


NOTE: The precharged filter element should only be used when the cooling system has been flushed/drained and new coolant has been added.

Water Filter & Mounting (Cat 3406 Engine - Early Style*)

Ref.	Part No.	Description	Qty.
1	31-178	Reducer	1
2	31-218	Barbed Fitting	2
3	32-029	Clamp	4
4	31-1659	Hose	1
5	01-1610	Valve	2
6	28-031	Element (see Note)	1
	01-7834	Element (Precharged)	
7	01-1612	Filter Base	1
8	90-2897T1	Filter Base Bracket	1
9	19-117	Lock Washer	4
10	19-017	Capscrew	4
11	04-118	Spacer	4

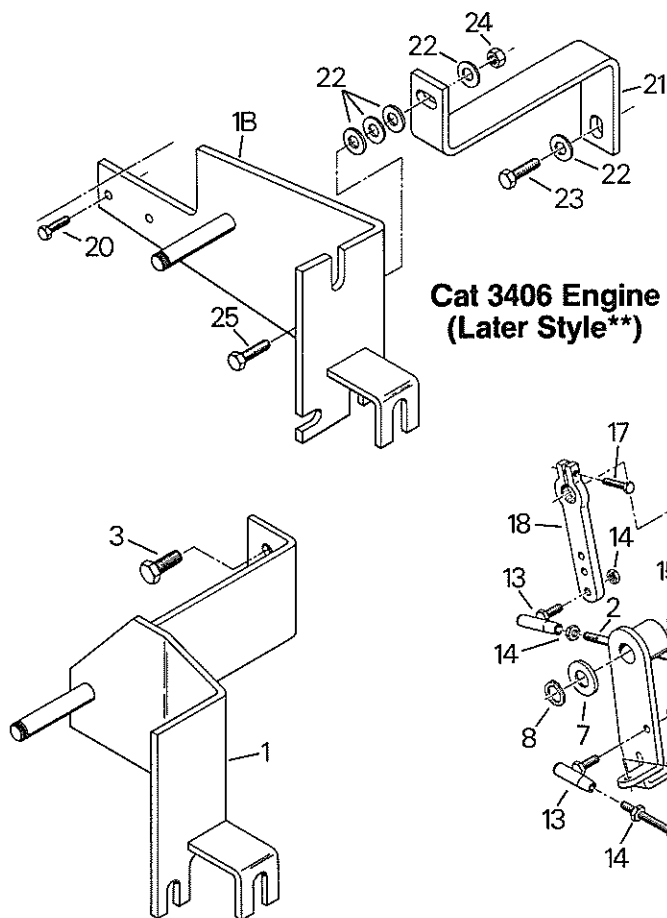
Ref.	Part No.	Description	Qty.
12	31-1691	Hose	1
13	31-351	Reducer	1
14	31-219	Street Elbow	1
15	19-117	Lock Washer (280 & 325 HP Engines)	4
	19-116	Lock Washer (360 HP Engine)	
16	19-020	Capscrew (280 & 325 HP Engines)	4
	19-535	Capscrew (360 HP Engine)	
17	19-134	Ty Rap (not shown)	1



Water Filter & Mounting (Cat 3406 Engine - Later Style*)

Ref.	Part No.	Description	Qty.
1	90-3857T1	Filter Base Bracket	1
2	31-178	Reducer	1
3	31-218	Barbed Fitting	2
4	32-029	Clamp	4
5	31-1691	Hose	1
6	01-1610	Valve	2
7	28-031	Element (see Note)	1
	01-7834	Element (Precharged)	

Ref.	Part No.	Description	Qty.
8	01-1612	Filter Base	1
9	19-117	Lock Washer	6
10	31-2308	Hose	1
11	31-351	Reducer	1
12	31-219	Street Elbow	3
13	19-018	Capscrew	7
14	31-1070	Clamp	1
15	22-824	Ty Rap (not shown)	2



*Used before S/N 3001

**Used after S/N 3000

(approx 5-1-84)

**Cat 3406 Engine
(Later Style**)**

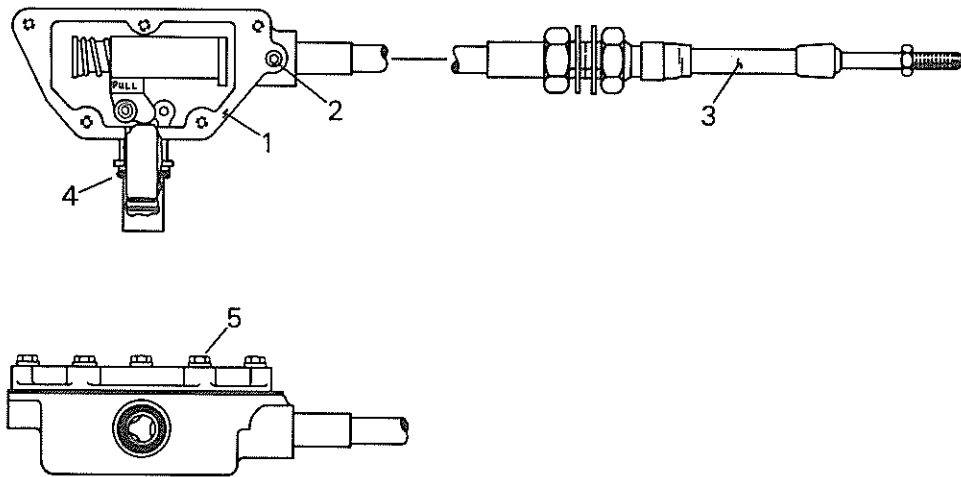
**Cat 3406 Engine
(Early Style*)**

Cummins 855 Engine

Engine Throttle Controls

Ref.	Part No.	Description	Qty.
1	90-2190T1	Throttle Bracket (Cummins 855 Engine)	1
1A	90-1747T1	Throttle Bracket* (Early Cat 3406 Engines)	
1B	90-3963T1	Throttle Bracket** (Later Cat 3406 Engines)	
2	90-1756T1	Rod	1
3	19-683	Capscrew	2
4	90-1754T1	Throttle Lever	1
5	90-1755T1	Control Lever	1
6	29-058	Throttle Cable (Cat 3406 Engine)	1
	01-4481	Throttle Cable (Cummins 855 Engine)	
7	19-463	Washer	3
8	19-5713	Snap Ring	1
9	60-4432T1	Spring (11-016 - Code E)	1
10	90-1752T1	Slip Bracket	1
11	19-936	Jam Nut	2

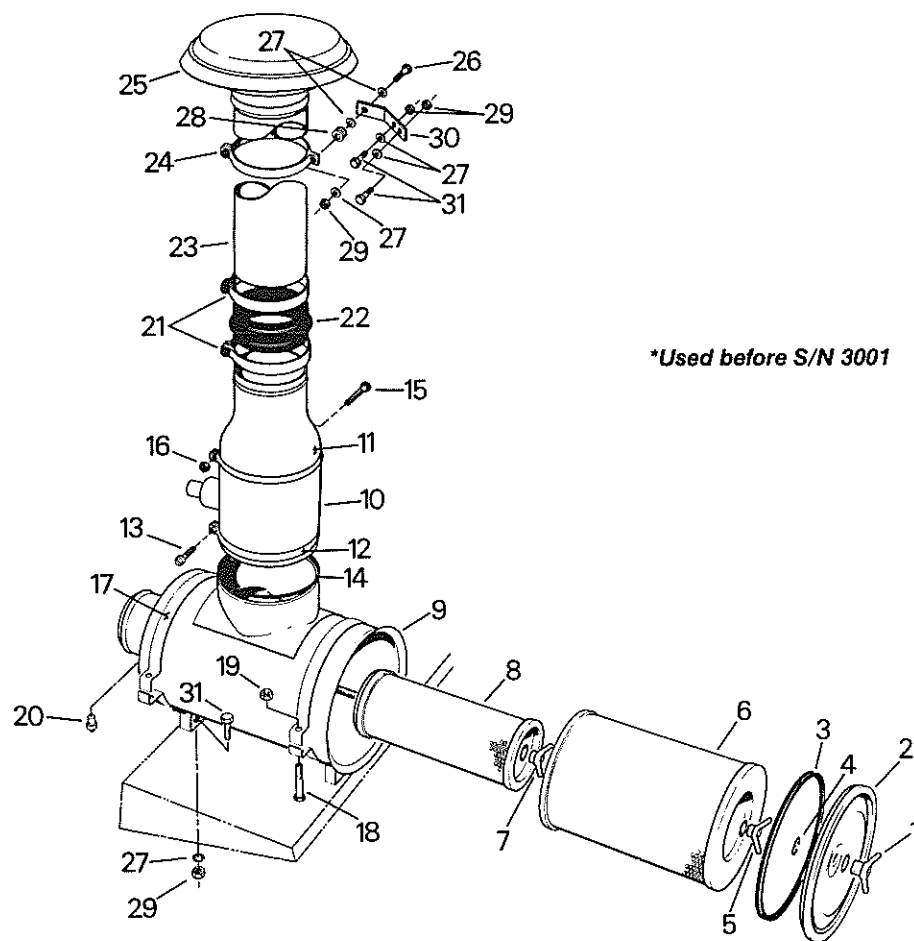
Ref.	Part No.	Description	Qty.
12	19-1019	Machine Screw	1
13	06-1431	Ball Joint	3
14	19-308	Nut	7
15	01-1498	Bushing	4
16	19-001	Capscrew*	4
17	19-5847	Machine Screw (Cat 3406 Engine only)	1
18	04-580	Throttle Lever (Cat 3406 Engine)	1
	90-3512T1	Throttle Lever (Cummins 855 Engine)	
19	01-8253	Modulator Assy (see Page 4-9)	1
20	19-5846	Capscrew**	2
21	90-3965T1	Bracket**	1
22	19-107	Washer**	5
23	19-017	Capscrew**	1
24	19-823	Nut**	1
25	19-018	Capscrew**	1



Modulator Assembly

Ref.	Part No.	Description	Qty.
1-6	01-8253	Modulator Assy	1
1	NSS	Housing	1
2	19-219	Set Screw	1
3	02-4561T1	Cable	1

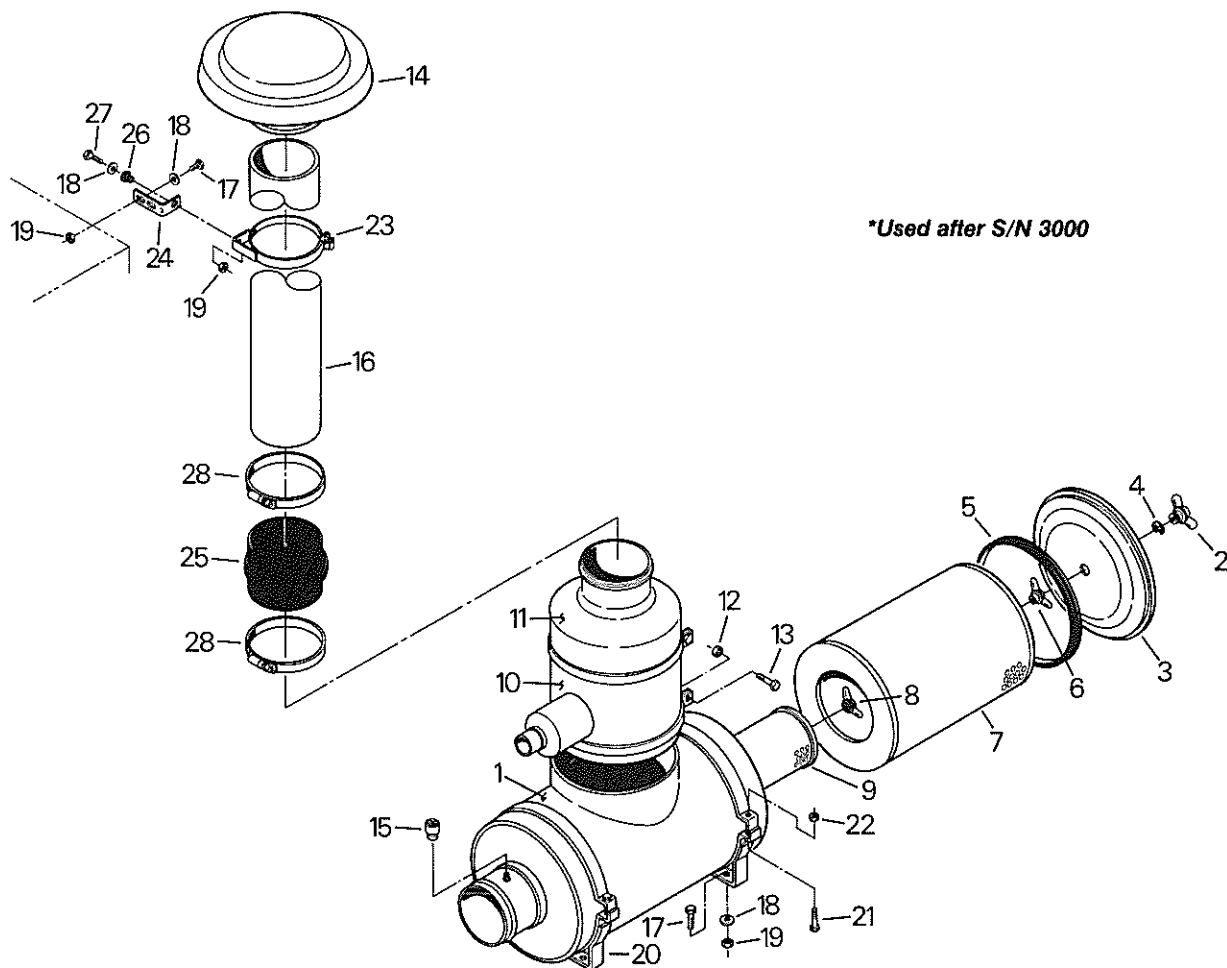
Ref.	Part No.	Description	Qty.
4	31-1868	O-Ring (incl in Kit P/N 02-4555T1 or sold separately)	1
5	19-482	Machine Screw	5
6	02-4555T1	Modulator Kit (not shown)	AR



Air Cleaner & Mounting (16" Air Cleaner*)

Ref.	Part No.	Description	Qty.
1-16	45-204	Air Cleaner Assy	1
1	45-219	Wing Nut	1
2-3	07-1008	Cover Assy	1
2	NSS	Cover	1
3	07-1012	Gasket	1
4	45-216	Clip	1
5	45-218	Wing Nut	1
6	45-252	Primary Element	1
7	07-1006	Wing Nut	1
8	45-253	Safety Element	1
9	07-1005	Body Assy	1
10	07-1009	Precleaner Assy (incl Refs. 11, 15 & 16)	1
11	01-2623	Adapter Assy	1
12	01-2625	Clamp Assy (incl Ref. 13)	1
13	19-1123	Machine Screw	1
14	01-2624	O-Ring	1
15	19-021	Capscrew	1

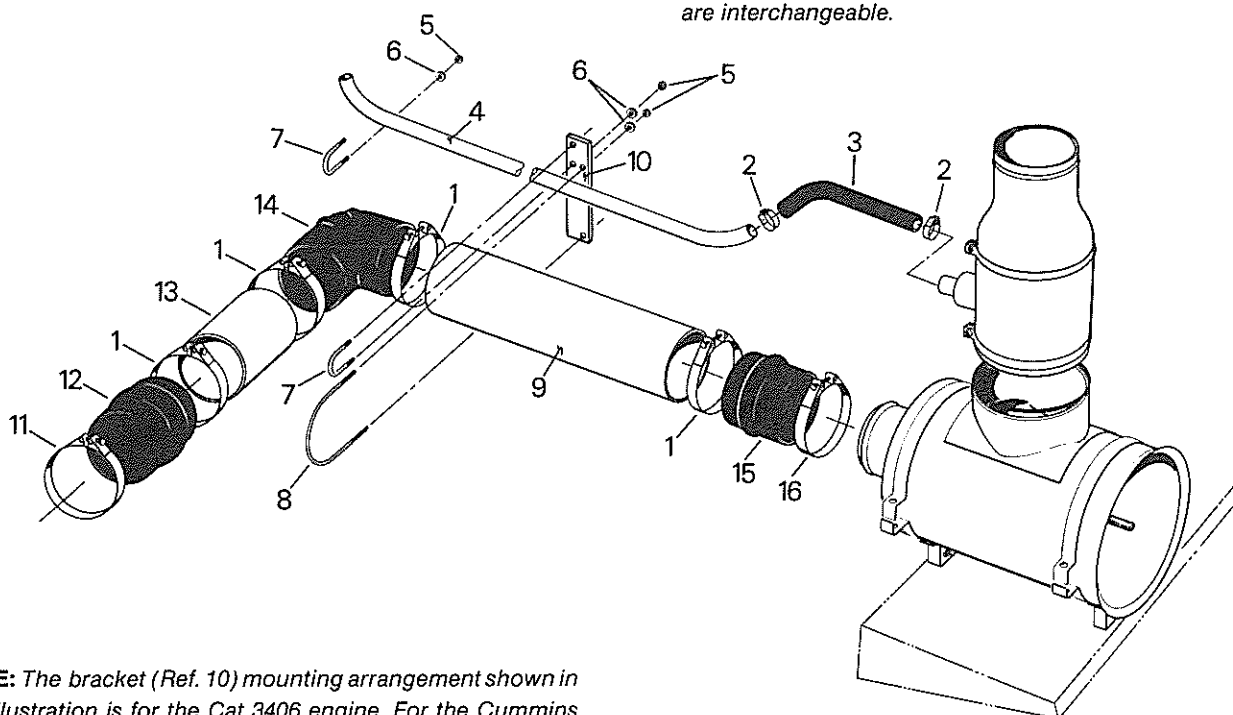
Ref.	Part No.	Description	Qty.
16	19-078	Nut	1
17	09-025	Mounting Band (incl Refs. 18 & 19)	2
18	19-039	Capscrew	1
19	19-508	Lock Nut	1
20	29-111	Service Indicator	1
21	31-2001	Clamp	2
22	09-073	Hump Hose	1
23	45-200	Inlet Tube	1
24	01-2636	Clamp Assy	1
25	09-120	Air Inlet Hood	1
26	19-020	Capscrew	1
27	19-107	Washer	9
28	01-3528	Rubber Mount	1
29	19-087	Lock Nut	7
30	02-6774T1	Bracket	1
31	19-017	Capscrew	6



Air Cleaner & Mounting (14" Air Cleaner*)

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1-13	90-3845T91	Air Cleaner Assy	1	12	19-078	Nut	2
1-9	90-4206T91	Air Cleaner Assy	1	13	19-021	Capscrew	2
1	NSS	Body	1	14	09-120	Air Inlet Hood	1
2-5	90-4205T91	Cover Assy	1	15	29-111	Service Indicator	1
2	90-4230T1	Wing Nut	1	16	90-3869T1	Inlet Tube	1
3	NSS	Cover	1	17	19-017	Capscrew	6
4	90-4231T1	Clip	1	18	19-107	Washer	7
5	90-4232T1	Gasket	1	19	19-087	Lock Nut	7
6	45-218	Wing Nut	1	20	90-3871T1	Mounting Band (incl Refs. 21 & 22)	2
7	90-4203S1	Primary Element (500 hr change interval)	1	21	19-039	Capscrew	1
	90-4203T1	Primary Element (1000 hr change interval)		22	19-508	Lock Nut	1
8	07-1006	Wing Nut	1	23	90-4668T1	Clamp	1
9	90-4204T1	Safety Element	1	24	90-4667T1	Bracket	1
10	90-4207T1	Precleaner Assy (incl Refs. 12 & 13)	1	25	09-073	Hump Hose	1
11	90-4208T1	Adapter Assy	1	26	01-3528	Rubber Mount	1
				27	19-019	Capscrew	1
				28	31-2271	Clamp	2

NOTE: When using the clamps in parenthesis, use qty 2 per joint. When using the other clamps, use qty 1 per joint. They are interchangeable.



NOTE: The bracket (Ref. 10) mounting arrangement shown in this illustration is for the Cat 3406 engine. For the Cummins 855 engine the same parts are used, but the bracket mounting arrangement is slightly different.

Usage Codes

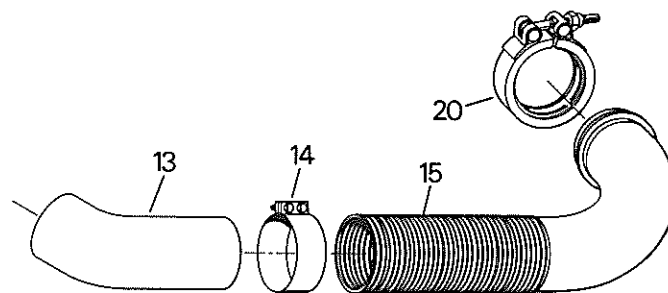
*16" Air Cleaner

**14" Air Cleaner

Air Intake System

Ref.	Part No.	Description	Qty.
1	32-129	Clamp (31-2269 - see Note)	4
2	31-1283	Clamp	2
3	07-1019	Hose*	1
	90-3879T1	Hose**	
4	01-4081	Aspirator Tube	1
5	19-077	Nut	8
6	19-700	Washer	8
7	19-1049	U-Bolt	3
8	44-028	U-Bolt	1
9	02-2962T1	Tube*	1
	90-3973T1	Tube**	
10	90-1069T1	Intake Bracket	1
11	32-128	Clamp (31-2267 - see Note)* (All Cat 3406 Engines except 360 HP with **)	1
	32-129	Clamp (31-2269 - see Note)** (Cat 3406 Engine - 360 HP)	
	32-133	Clamp (31-2268 - see Note) (All Cummins 855 Engines)	

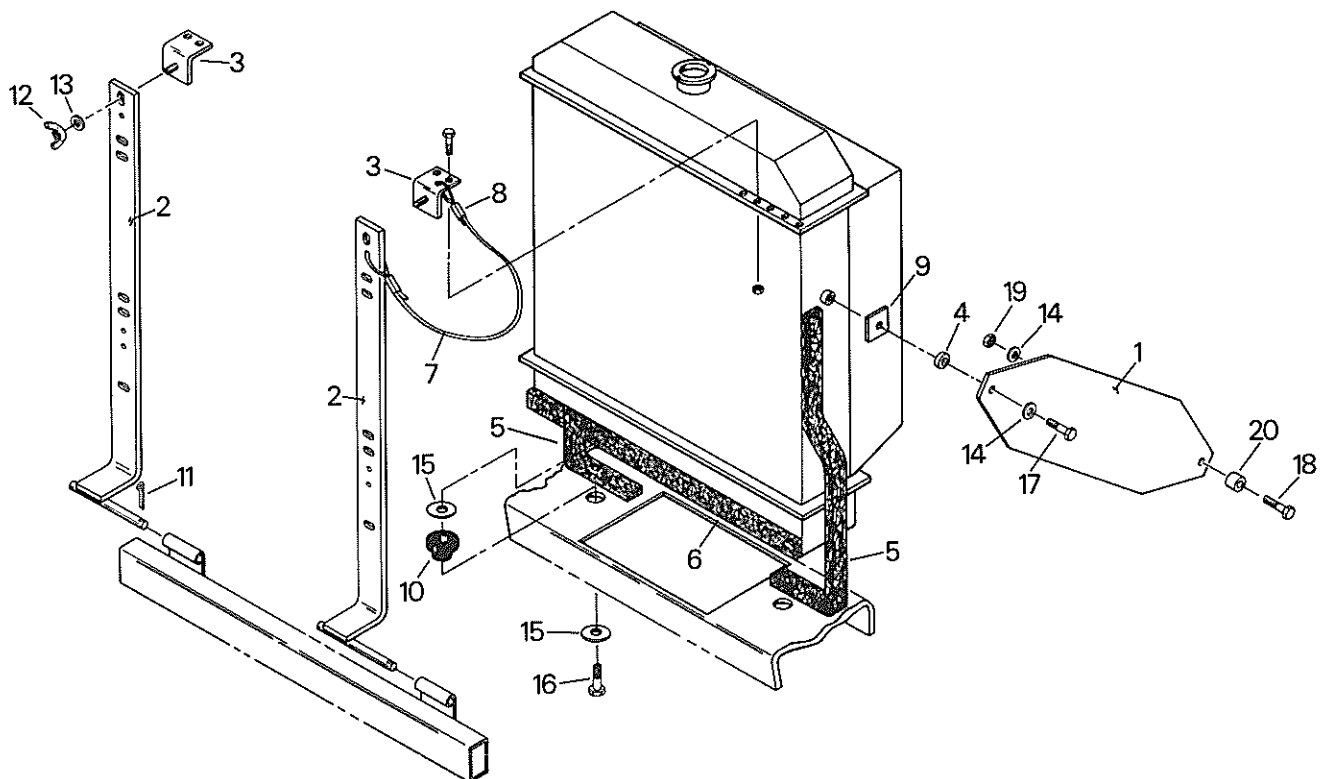
Ref.	Part No.	Description	Qty.
12	09-061	Hose Reducer* (All Cat 3406 Engines except 360 HP with **)	1
	09-017	Hump Hose** (Cat 3406 Engine - 360 HP)	
	09-076	Hose Reducer (All Cummins 855 Engines)	
13	45-246	Tube (Cat 3406 Engine)	1
	02-3246T1	Tube (Cummins 855 Engine)	
14	09-022	Elbow	1
15	09-074	Hose Reducer*	1
	09-017	Hump Hose**	
16	32-210	Clamp*	1
	32-129	Clamp** (31-2269 - see Note)	



This diagram shows the first part of the device in an exploded perspective view. It includes a curved tube (13) connected to a flange (14). A coiled spring (18) is positioned between the flange (14) and a larger flange (16). A square plate (19) with a central hole is shown to the right, with a bolt (17) passing through it and the larger flange (16).

Exhaust System

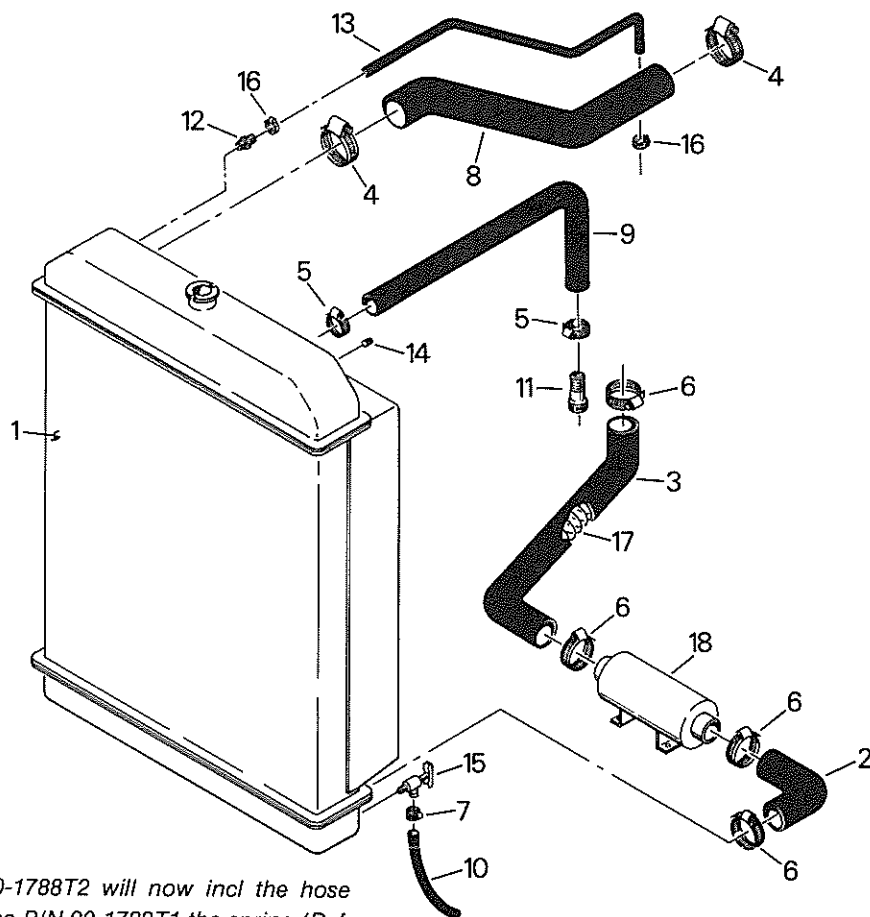
Ref.	Part No.	Description	Qty.
14	31-1061	Clamp Assy	1
15	90-2463T1	Flex Tube (Cat 3406 Engine - All 280 HP and later 325 & 360 HP)	1
	02-2958T1	Flex Tube (Cummins 855 Engine)	
16	19-059	Capscrew	4
17	19-083	Nut	4
18	02-2957T1	Flex Tube (Cat 3406 Engine - Early 325 & 360 HP)	1
19	18-1301	Gasket	1
20	31-1316	Clamp (Cat 3406 Engine)	1
	31-1324	Clamp (Cummins 855 Engine)	



Radiator Mounting

Ref.	Part No.	Description	Qty.
1	70-2250T2	Support	2
2	70-2254T1	Cooler Mount	2
3	90-1072T1	Bracket	2
4	01-443	Spacer	2
5	70-2245T1	Foam Strip	2
6	70-2247T1	Foam Strip	1
7	01-4660	Rope Wire	2
8	64-144	Ferrule	4
9	51-268	Pad	2
10	18-511	Center Mount	4

Ref.	Part No.	Description	Qty.
11	19-658	Cotter Pin	2
12	19-340	Wing Nut	2
13	19-109	Washer	2
14	19-107	Washer	4
15	19-806	Washer	8
16	19-042	Capscrew	4
17	19-018	Capscrew	2
18	19-021	Capscrew	2
19	19-078	Nut	2
20	70-2249T1	Spacer	2

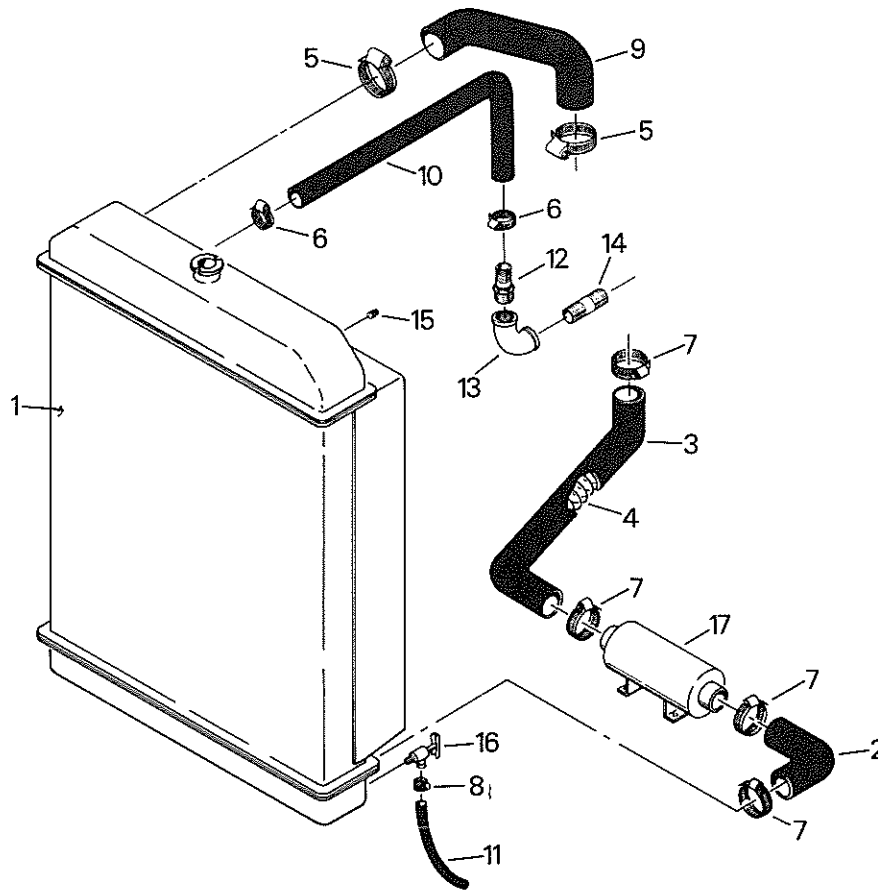


NOTE: Hose P/N 90-1788T2 will now incl the hose spring while with Hose P/N 90-1788T1 the spring (Ref. 17) is a separate part.

Radiator & Hoses (Cummins 855 Engine)

Ref.	Part No.	Description	Qty.
1		Radiator Assy (see Page 4-17)	1
2	90-1787T1	Hose	1
3	90-1788T2	Hose (90-1788T1 - Code B) (see Note)	1
4	32-024	Clamp	2
5	32-027	Clamp	2
6	32-022	Clamp	4
7	32-059	Clamp	1
8	31-1543	Hose	1
9	31-1509	Hose	1

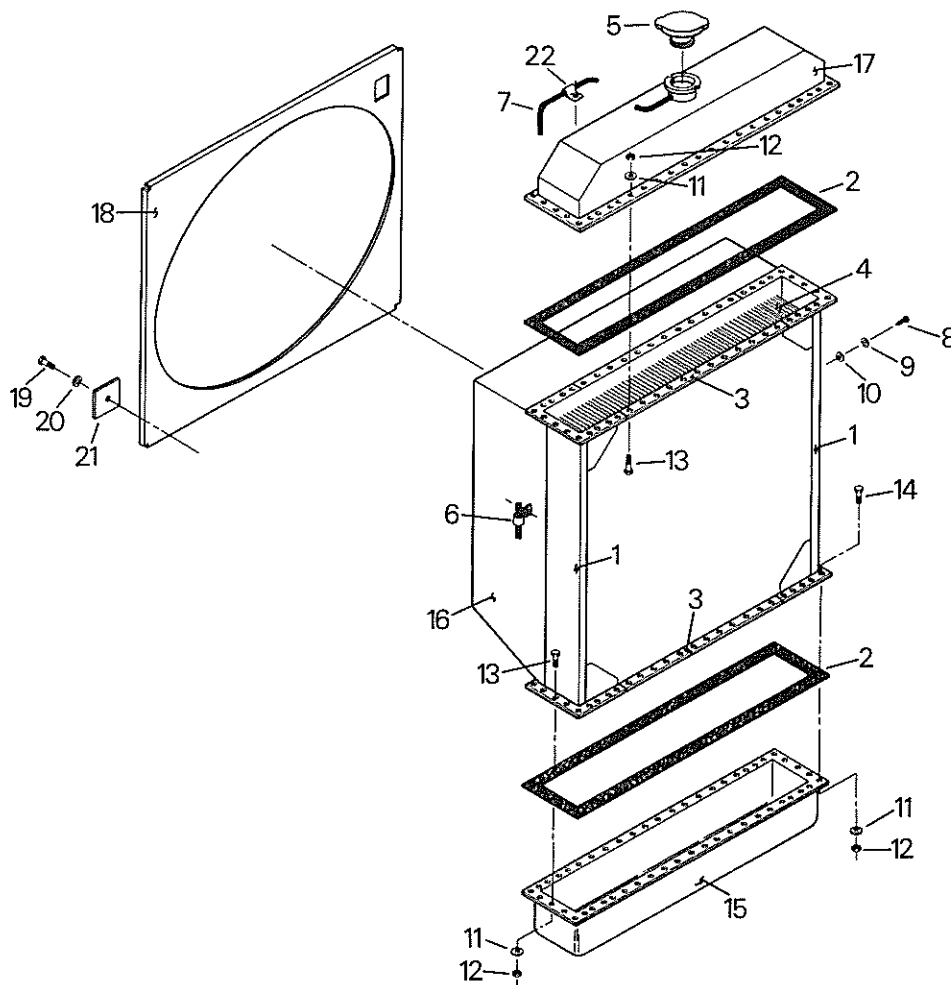
Ref.	Part No.	Description	Qty.
10	01-3811	Hose	1
11	31-248	King Nipple	1
12	31-137	Barbed Fitting	1
13	32-336	Hose	1
14	31-037	Pipe Plug	1
15	31-159	Drain Cock	1
16	32-029	Clamp	2
17	31-1719	Hose Spring (see Note)	1
18	01-8250	Oil Cooler	1
19	19-135	Ty Rap (not shown)	2



Radiator & Hoses (Cat 3406 Engine)

Ref.	Part No.	Description	Qty.
1		Radiator Assy (see Page 4-17)	1
2	90-1787T1	Hose	1
3	90-1789T1	Hose	1
4	31-1717	Hose Spring	1
5	32-024	Clamp	2
6	32-027	Clamp	2
7	32-022	Clamp	4
8	32-059	Clamp	1
9	31-1492	Hose	1

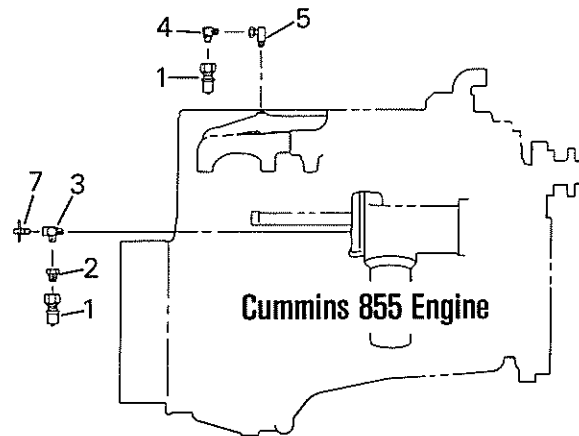
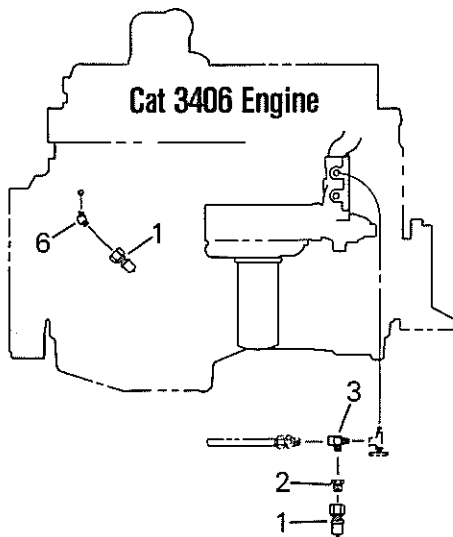
Ref.	Part No.	Description	Qty.
10	31-1508	Hose	1
11	01-3811	Hose	1
12	31-318	Barbed Fitting	1
13	31-044	Elbow	1
14	31-275	Nipple	1
15	31-037	Pipe Plug	2
16	31-159	Drain Cock	1
17	01-8250	Oil Cooler	1



Radiator Assembly

Ref.	Part No.	Description	Qty.
1-22	90-1764T91	Radiator Assy	1
1	90-1769T1	Side Member	2
2	01-3738	Header Gasket	2
3	01-3739	Header Bar	4
4	90-1766T1	Core	1
5	10-021	Cap	1
6	31-2173	Clip	2
7	31-1563	Hose	1
8	19-958	Tapping Screw	8
9	19-115	Lock Washer	8
10	19-223	Washer	8
11	19-116	Lock Washer	96

Ref.	Part No.	Description	Qty.
12	19-077	Nut	100
13	19-007	Capscrew	68
14	19-234	Capscrew	28
15	90-1765T1	Bottom Tank	1
16	90-1773T1	Shroud	1
17	02-3728T1	Top Tank	1
18	90-2314T2	Shroud Plate	1
19	19-016	Capscrew	4
20	19-117	Lock Washer	4
21	90-2317T1	Cover Plate	4
22	22-1109	Clamp	1



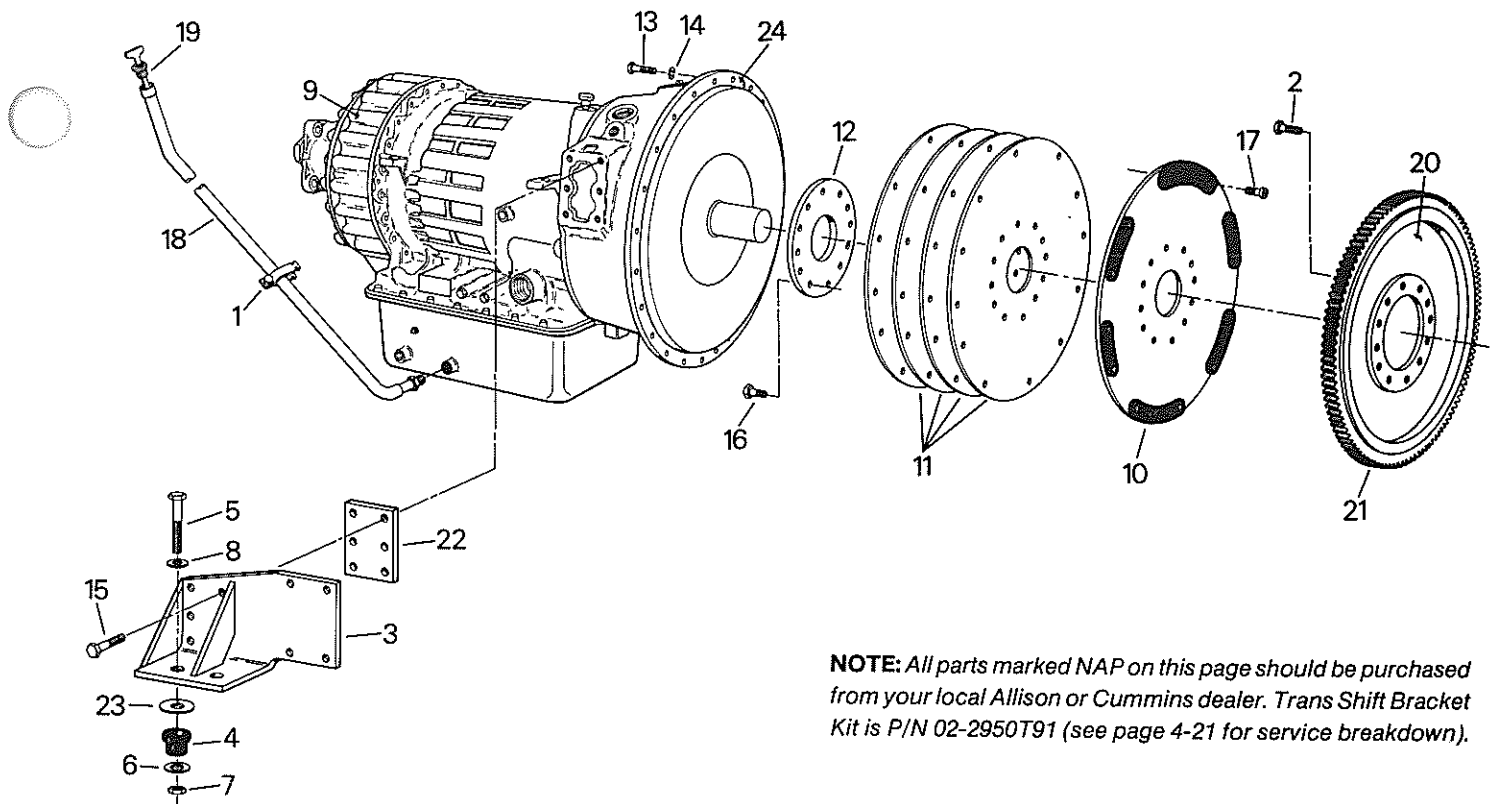
NOTE: Engine Coolant Coupler Kit P/N 35-1298T92 can be purchased so as to enable the coolant coupler system in these engines to be connected to another engine. The kit incl all the necessary nipples, couplers, adapters, hoses, reducers and instructions for this connection. This kit replaces Kit P/N 35-1298T91 which did not have the hoses, extra adapters and extra couplers.

NOTE: The engine coolant coupler systems shown on this page were only factory installed on some early models. This practice has since been discontinued and these systems will not be present on later models.

Engine Coolant Coupler System

Ref.	Part No.	Description	Qty.
1	50-1172T1	Nipple	2
2	31-178	Reducer	1
3	31-1586	Tee	1
4	31-1585	Elbow	1

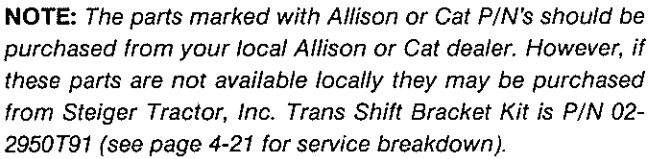
Ref.	Part No.	Description	Qty.
5	31-381	Adapter	1
6	31-1573	Elbow	1
7	NSS	Drain Cock (supplied with engine)	1



Transmission & Attaching Parts (Cummins 855 Engine)

Ref.	Part No.	Description	Qty.
1	31-1212	Clamp Assy	1
2	NAP	Capscrew (Cummins P/N 120448)	6
3	90-1447T1	Engine/Trans Mount (Left)	1
	90-1448T1	Engine/Trans Mount (Right)	
4	24-231	Rubber Mount	4
5	19-256	Capscrew	4
6	19-408	Washer	4
7	19-222	Lock Nut	4
8	19-111	Washer	4
9	90-1797T1	Trans Assy (Allison HT-754 CRD) (Allison P/N 23014588)	1
10	90-1078T91	Flex Plate (Allison P/N 6751516)	1
11	90-1079T1	Flex Disc (Allison P/N 6750468)	4

Ref.	Part No.	Description	Qty.
12	90-1080T1	Wear Plate (Allison P/N 6753364)	1
13	19-371	Capscrew	19
	19-730	Capscrew	2
14	19-118	Lock Washer	21
15	19-494	Capscrew	12
16	9409058	Capscrew	12
17	138307	Socket Head Capscrew	12
18	90-2586T1	Tube	1
19	01-9670	Dipstick	1
20-21	NAP	Flywheel Assy (Allison P/N 6884588)	1
20	NAP	Flywheel (Allison P/N 6883925)	1
21	NAP	Gear (Allison P/N 6752502)	1
22	90-1314T1	Spacer	2
23	51-128	Washer	AR
24	90-2915T1	Gasket	1

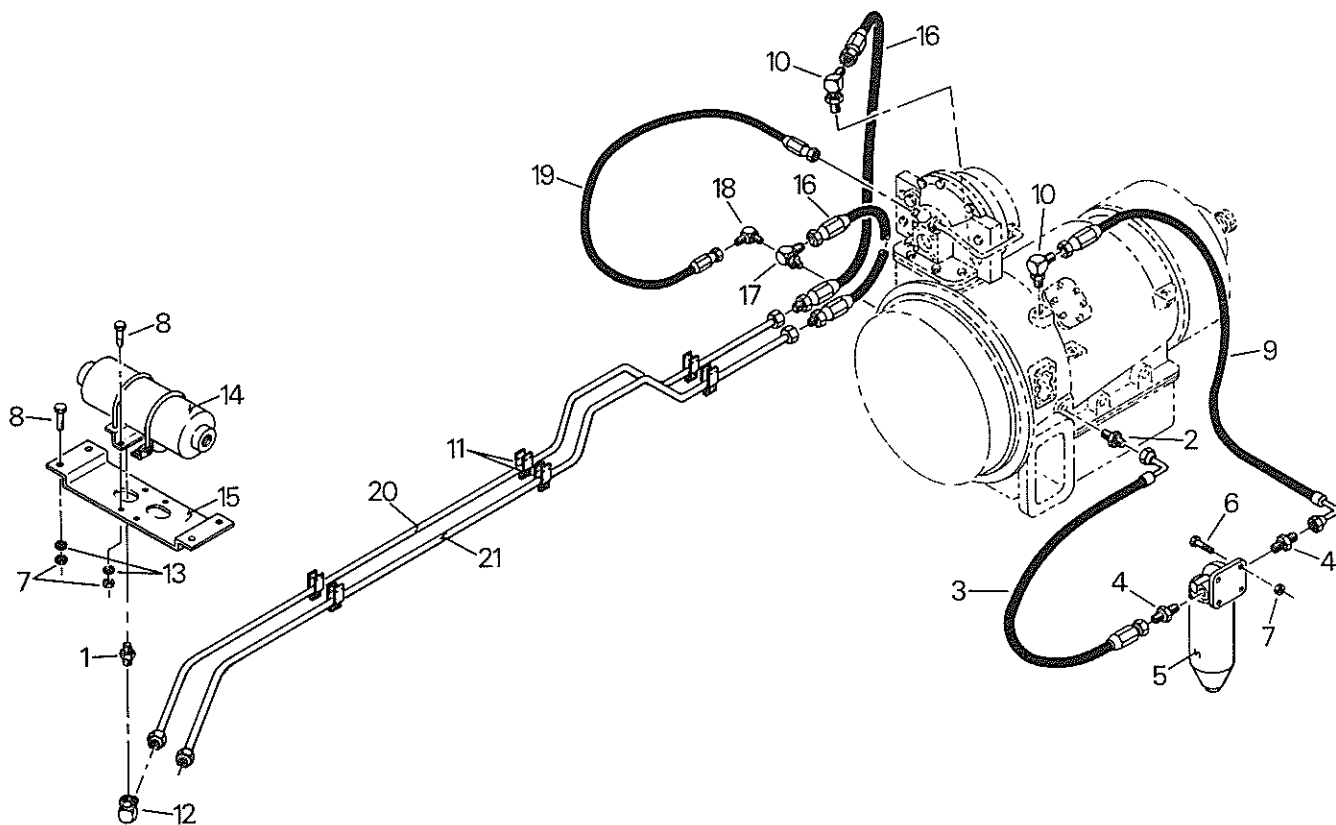


Ref.	Part No.	Description	Qty.
1	90-1074T1	Bushing (Cat P/N 7N6114)	1
2	19-1904	12 Pt Socket Head Capscrew	12
3	90-1449T1	Engine/Trans Mount (Left)	1
	90-1450T1	Engine/Trans Mount (Right)	
4	24-231	Rubber Mount	4
5	19-256	Capscrew	4
6	19-408	Washer	4
7	19-222	Lock Nut	4
8	19-111	Washer	4
9	90-1798T1	Trans Assy (Allison HT-754 CRD) (Allison P/N 23014587)	1
10	90-1078T91	Flex Plate (Allison P/N 6751516)	1
11	90-1079T1	Flex Disc (Allison P/N 6750468)	4
12	90-1080T1	Wear Plate (Allison P/N 6753364)	1

Ref.	Part No.	Description	Qty.
13	19-036	Capscrew	12
	19-730	Capscrew	2
14	19-118	Lock Washer	21
15	19-760	Capscrew	12
16	9409058	Capscrew	12
17	138307	Socket Head Capscrew	12
18	90-2586T1	Tube	1
19	01-9670	Dipstick	1
20	31-1212	Clamp Assy	1
21-22	NAP	Flywheel Assy (Cat P/N 6N9667)	1
21	90-1076T1	Flywheel (Cat P/N 6N9657)	1
22	NAP	Gear (Cat P/N 4N2514)	1
23	51-128	Washer	AR
24	02-2907T1	Spacer	2
25	90-2915T1	Gasket	1
26	19-6022	Stud	7
27	19-079	Nut	7



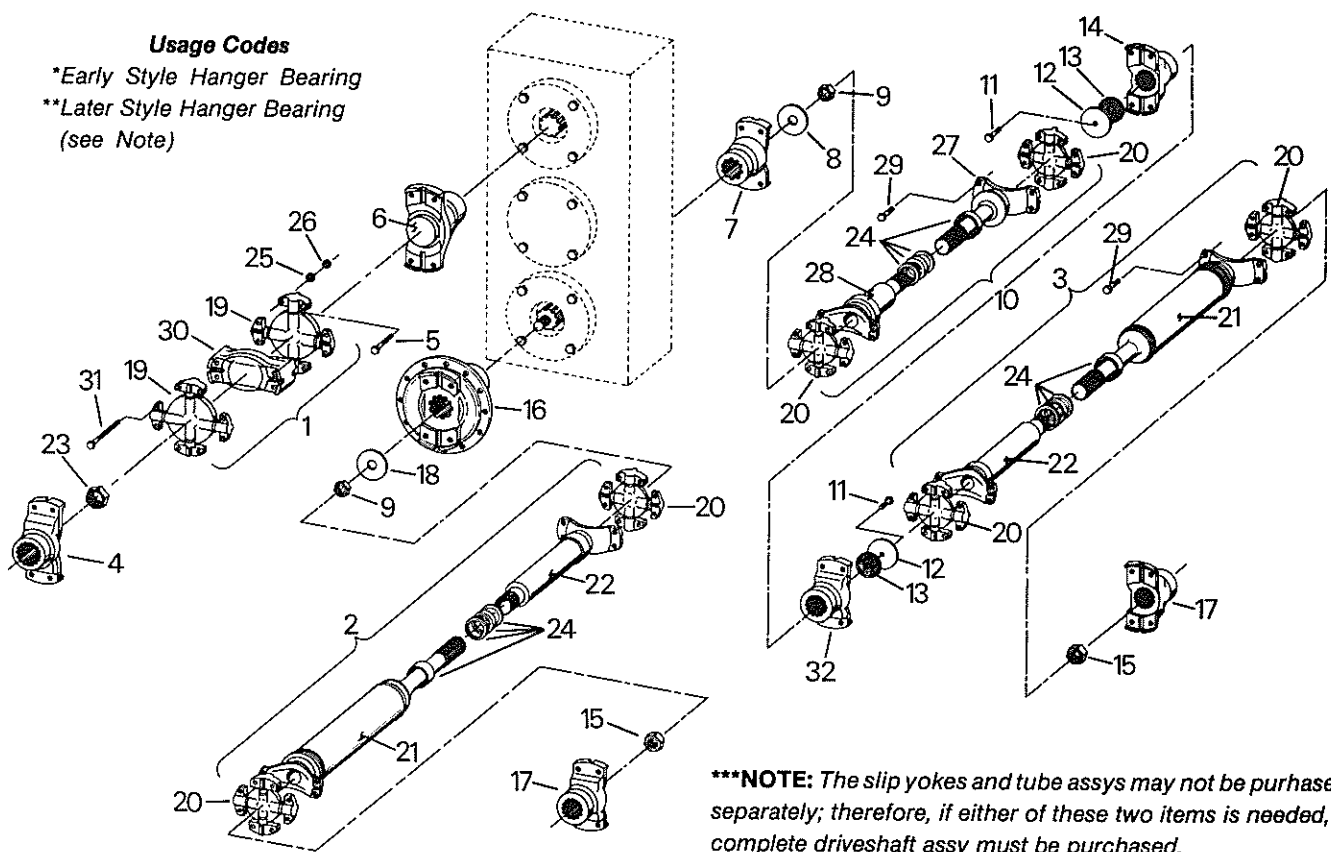
Ref.	Part No.	Description	Qty.
8	02-6658T1	Cable Support	1
9	02-6659T1	U-Bolt	1
10	02-6655T1	Lever	1
11	02-6657T1	Cable Connector	1
12	02-6656T1	Half Arm	1
13	02-6661T1	Capscrew	1
14	19-341	Lock Nut	1
15	02-6660T1	Capscrew	2



Transmission Filter & Cooler

Ref.	Part No.	Description	Qty.
1	31-382	Fitting	2
2	31-369	Adapter (16)	1
3	31-1874	Hose	1
4	31-1393	Fitting	2
5	01-9669	Filter Assy	1
	02-2038	Element	AR
6	19-019	Capscrew	4
7	19-341	Lock Nut	12
8	19-018	Capscrew	8
9	31-1875	Hose	1
10	31-479	Elbow (16)	2

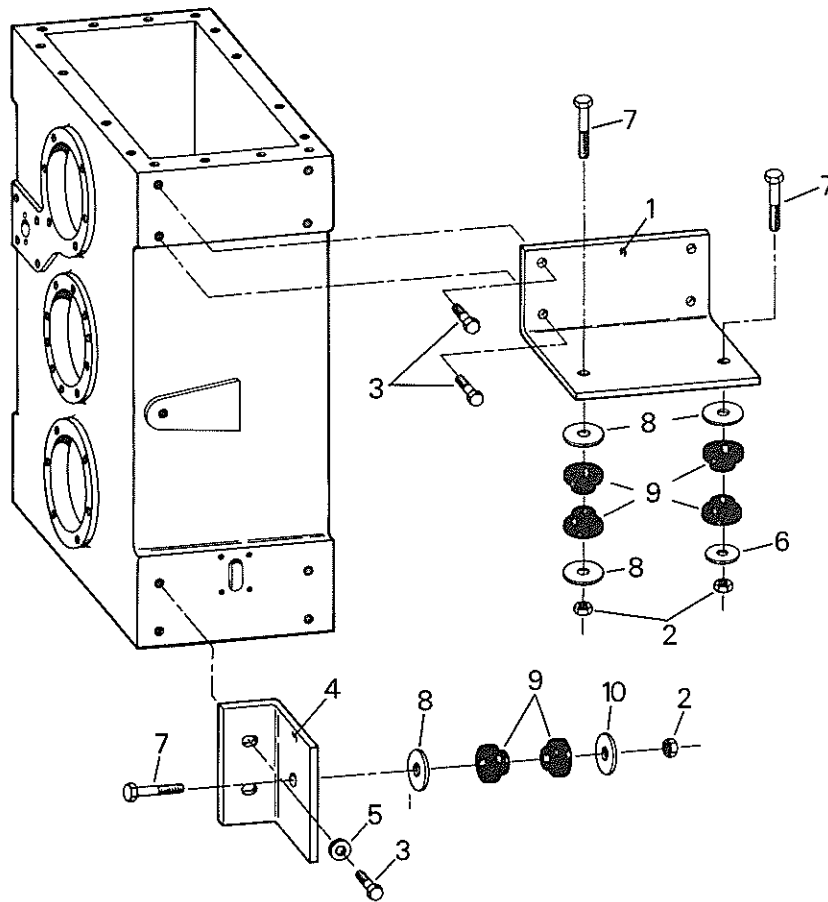
Ref.	Part No.	Description	Qty.
11	31-1187	Clamp Assy	6
12	18-1630	Elbow	2
13	19-107	Washer	8
14	01-8250	Oil Cooler	1
15	70-2280T1	Bracket	1
16	31-2017	Hose	2
17	31-1894	Elbow (16)	1
18	31-661	Elbow	1
19	31-1554	Hose	1
20	50-1616T2	Tube	1
21	50-1615T2	Tube	1



Driveshafts & Mounting

Ref.	Part No.	Description	Qty.
1	01-3249T91	Driveshaft Assy	1
2	01-1864T91	Driveshaft Assy (01-1864 - Code B)	1
3	01-3231T91	Driveshaft Assy (01-3231 - Code B) (Standard Rear Frame)	1
	17-270T91	Driveshaft Assy (5th Wheel Rear Frame)	
4	02-1443T1	Trans Yoke (02-1443 - Code E)	1
5	19-477	Capscrew	AR
6	01-6992	Yoke	1
7	01-2209	Yoke	2
8	19-163	Washer	1
9	14-059	Nut	2
10	01-3233T91	Driveshaft Assy (01-3233 - Code B)	1
11	19-044	Capscrew*	2
	19-1106	Capscrew**	
12	42-026	Washer*	2
	19-5864	Washer**	
13	42-025	Gasket*	2
14	01-3428	Yoke*	1
	90-2687T1	Yoke**	

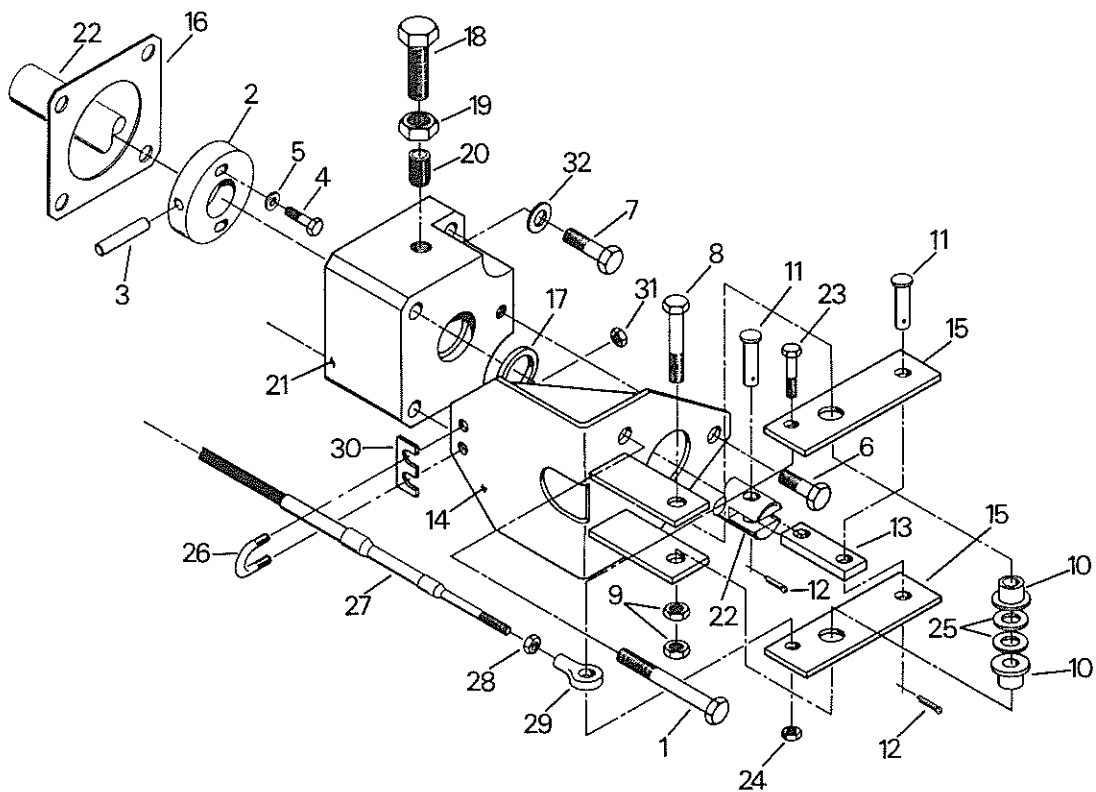
Ref.	Part No.	Description	Qty.
15	01-1967	Nut	2
16	90-1816T1	Brake Yoke	1
17	01-5513	Yoke	2
18	19-5796	Washer	1
19	01-9994T1	Spider & Bearing Kit	AR
20	17-201T1	Spider & Bearing Kit (17-201 - Code B)	AR
21	NSS	Tube Assy***	1
22	NSS	Slip Yoke***	1
23	NAP	Nut (supplied with trans)	1
24	02-3843T1	Stuffing Cap Assy (incl P/N's 17-170, 17-172 & 17-171 which may no longer be purchased separately)	AR
25	19-119	Lock Washer	4
26	19-1060	Nut	4
27	NSS	Stub Yoke***	1
28	NSS	Slip Yoke***	1
29	19-918	Capscrew	24
30	NSS	Coupling Yoke	1
31	274102	Capscrew	4
32	01-2209	Yoke*	1
	90-2687T1	Yoke**	



Transfer Case Mounting

Ref.	Part No.	Description	Qty.
1	01-3350	Transfer Case Mount	2
2	19-222	Lock Nut	6
3	19-059	Capscrew	12
4	90-1870T1	Transfer Case Mount	2
5	19-711	Washer	4
6	19-408	Washer	2

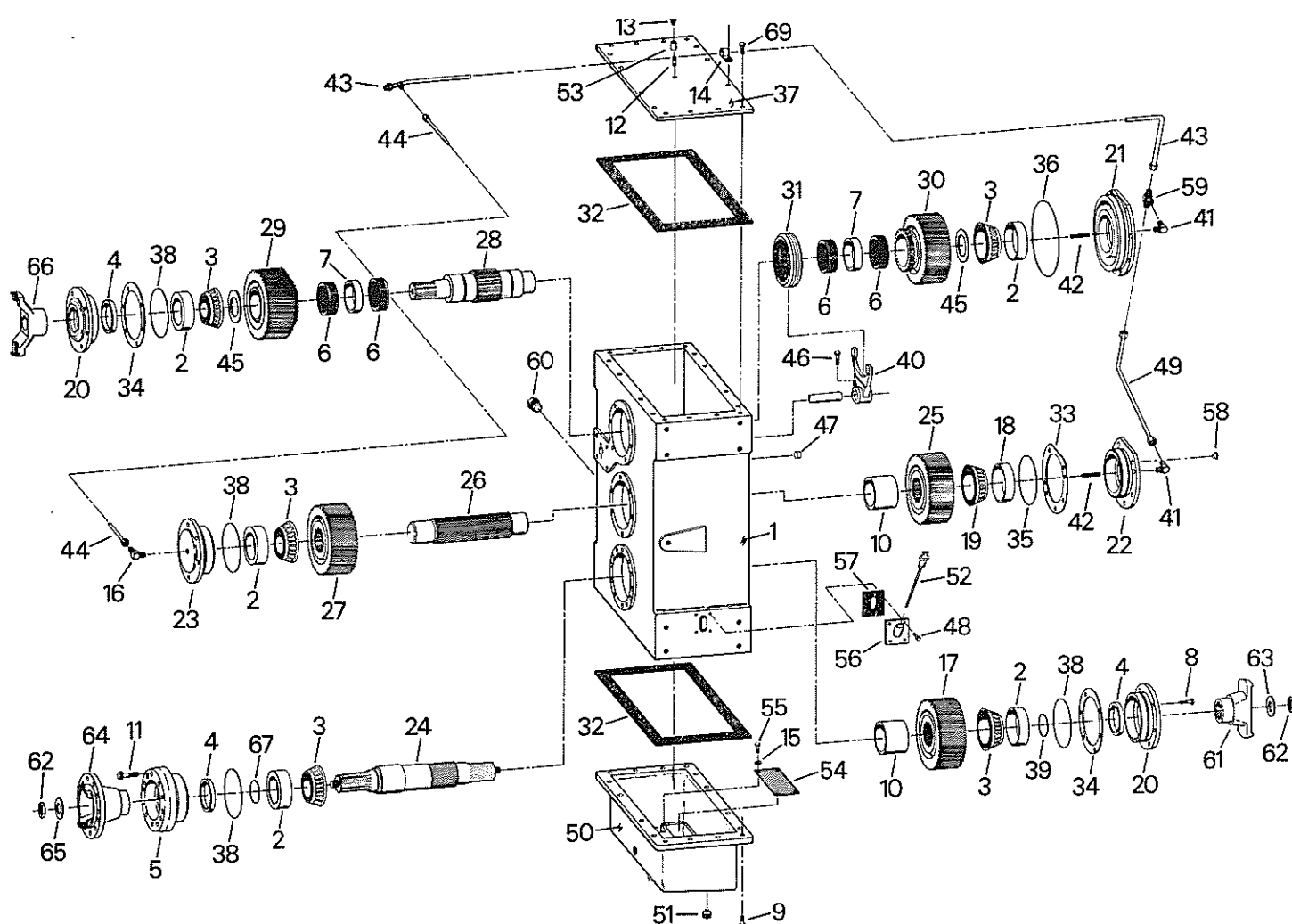
Ref.	Part No.	Description	Qty.
7	19-256	Capscrew	6
8	51-128	Washer	8
9	01-3548	Isolator	12
10	19-408	Washer (Right)	1
	51-128	Washer (Left)	1



Transfer Case Shifting

Ref.	Part No.	Description	Qty.
1	19-395	Capscrew	2
2	01-2548	Adjusting Block	1
3	19-1115	Dowel Pin	1
4	19-019	Capscrew	2
5	19-306	Washer	2
6	19-017	Capscrew	1
7	19-022	Capscrew	2
8	19-741	Capscrew	1
9	19-081	Nut	2
10	24-206	Bearing	2
11	19-145	Clevis Pin	2
12	19-238	Cotter Pin	2
13	01-3555	Linkage Arm	1
14	01-3559T2	Cable Bracket	1
15	01-3557T1	Linkage Lever	2
16	01-2300	Shim	AR

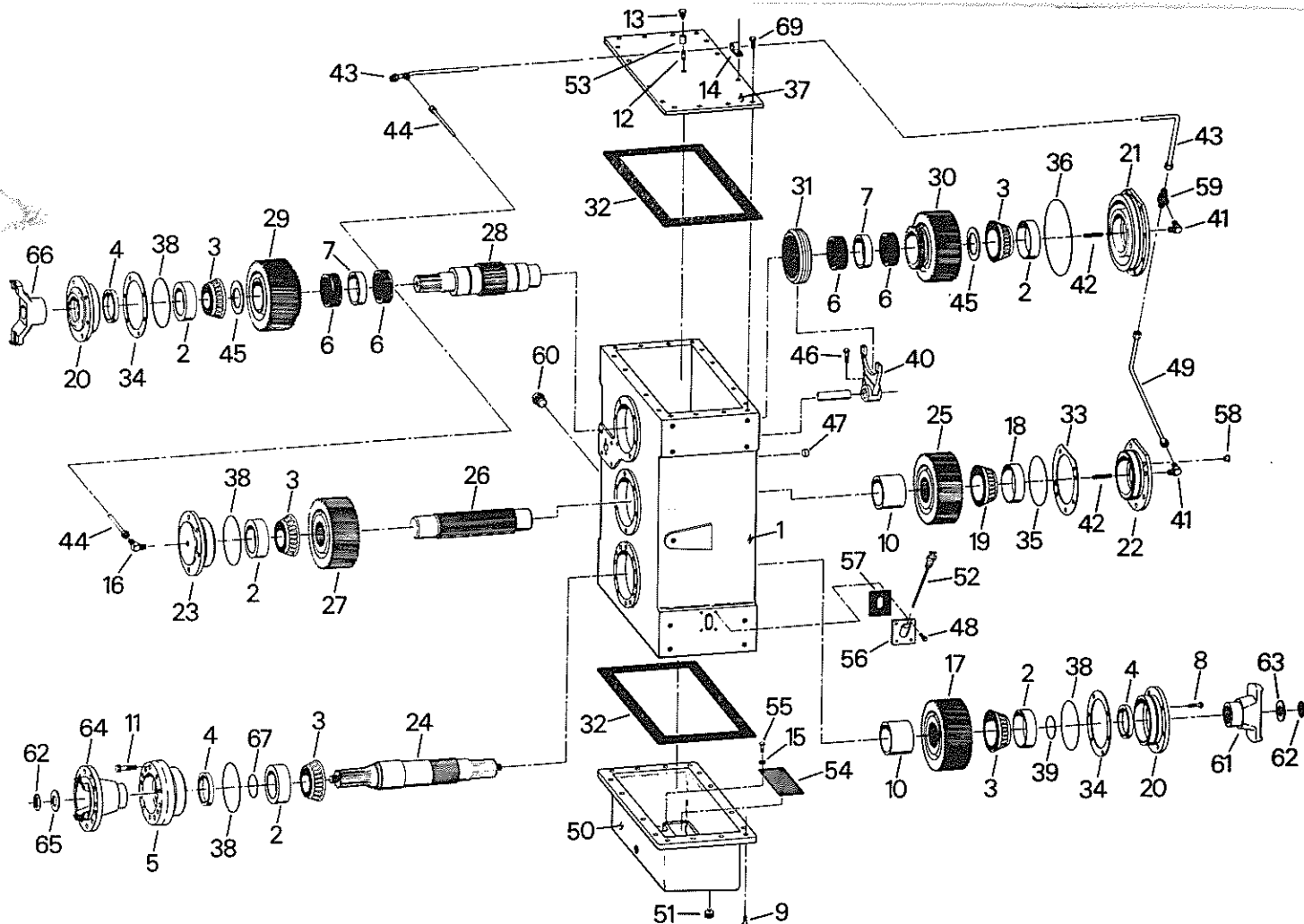
Ref.	Part No.	Description	Qty.
17	01-1850	Seal	1
18	19-059	Capscrew	1
19	19-083	Nut	1
20	01-1852	Ball Plunger	1
21	01-1889	Detent Block	1
22	01-4801	Shifter Rod	1
23	19-008	Capscrew	1
24	19-5777	Jam Nut	1
25	19-463	Washer	2
26	19-5402	U-Bolt	1
27	01-3561	Transfer Case Cable	1
28	19-236	Jam Nut	1
29	01-3332	Rod End	1
30	02-3008T1	Shim	1
31	19-509	Lock Nut	2
32	19-224	Washer	2



Transfer Case Assembly

Ref.	Part No.	Description	Qty.
1-70	90-2777T93	Transfer Case Assy (90-2777T92 - Code C) (also incl Refs. 1-22, 25 & 32 on preceding page)	1
1	90-1815T1	Transfer Case Housing	1
2	01-2255	Bearing Cup	5
3	01-2256	Bearing Cone	5
4	14-153	Seal	3
5	90-1937T1	End Cap (D)	1
	90-3488T1	End Cap (D) (see Note on Page 5-9)	
6	01-2273	Needle Bearing	4
7	01-2274	Bearing Spacer	2
8	19-044	Capscrew	37
9	19-045	Capscrew (used with Sump P/N 01-3656)	14
	19-043	Capscrew (used with Sump P/N 90-3967T1)	
10	01-2285	Gear Spacer	2
11	19-5891	Flanged Capscrew (D)	12
	19-6006	Flanged Capscrew (D)	
12	31-635	Pipe Nipple	1
13	31-303	Breather	1

Ref.	Part No.	Description	Qty.
14	32-310	Clamp	1
15	19-107	Washer (not used with Sump P/N 90-3967T1)	4
16	31-599	Elbow	1
17	01-2268	Gear	1
18	01-3364	Bearing Cup	1
19	01-3365	Bearing Cone	1
20	01-2262	End Cap	2
21	01-2264	End Cap	1
22	01-9070	End Cap	1
23	90-1841T1	End Cap	1
24	90-1865T1	Output Shaft	1
25	01-2291	Gear	1
26	90-1817T1	Middle Shaft	1
27	01-3289	Gear <i>inter 70 teeth</i>	1
28	01-2307	Input Shaft	1
29	01-3288	Gear	1
30	01-2310	Gear	1
31	01-2258	Clutch	1
32	01-3355	Gasket (qty 2 on early models)	1
33	01-3358T1	Shim (.005)	1
	01-3359T1	Shim (.007)	
	01-3360T1	Shim (.020)	



Transfer Case Assembly

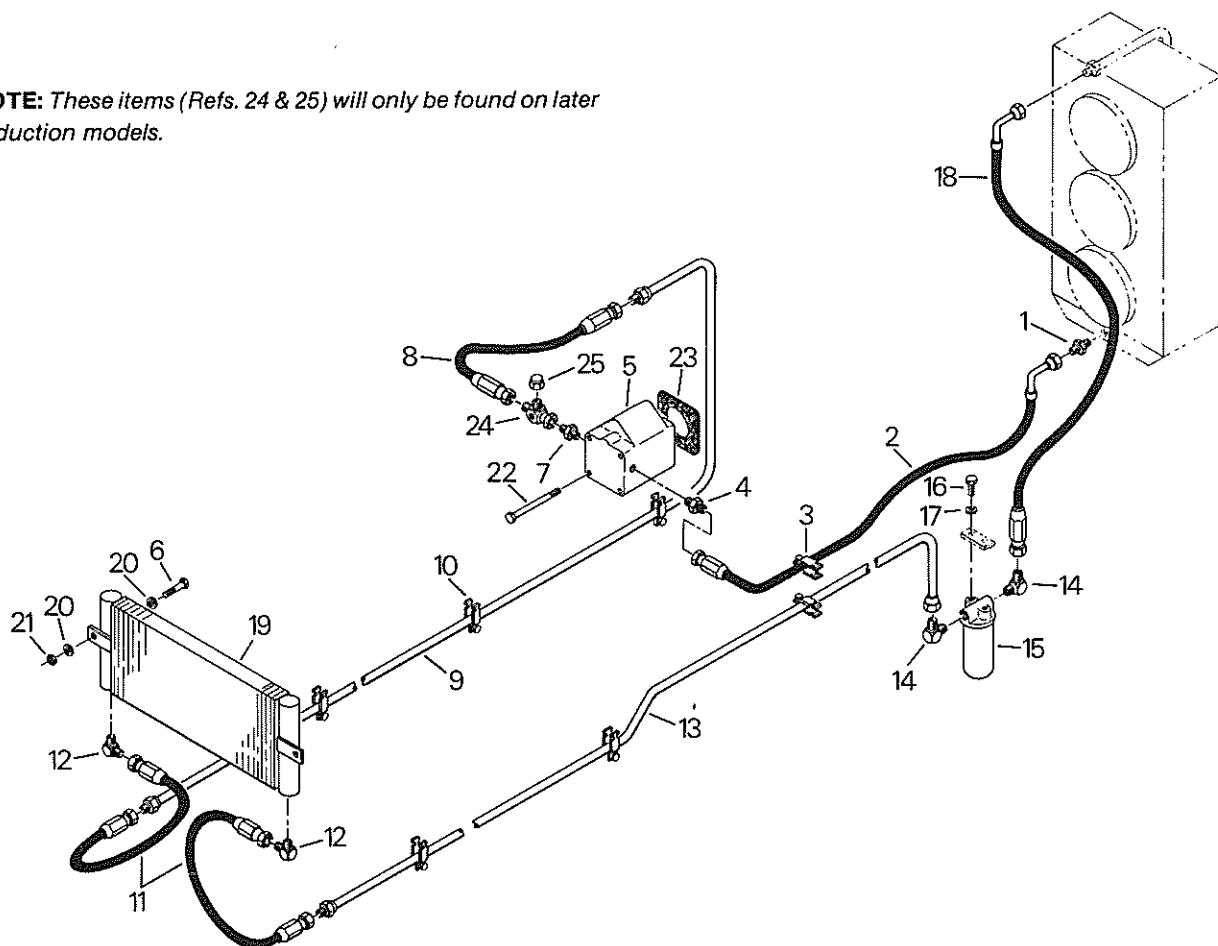
Ref.	Part No.	Description	Qty.
34	01-2296	Shim (.005)	2
	01-2297	Shim (.007)	
	01-2298	Shim (.020)	
35	01-3363	O-Ring	1
36	01-2270	O-Ring	1
37	01-3357	Top Plate (1/2" thick) (B)	1
	90-4152T1	Top Plate (1/4" thick) (B)	
38	01-2271	O-Ring	4
39	01-2269	O-Ring	1
40	01-2550	Shifter Fork	1
41	31-474	Elbow	2
42	01-2546	Pipe Nipple	2
43	01-6271	Tube	1
44	90-2665T1	Tube	1
45	01-2290	Washer	2
46	19-477	Capscrew	1
47	31-090	Expansion Plug	1
48	19-017	Capscrew	4
49	01-8616	Tube	1
50	01-3656	Oil Sump (B) (shown above)	1
	90-3967T1	Oil Sump (B)	
51	31-1054	Magnetic Plug	1

Ref.	Part No.	Description	Qty.
52	01-3683	Dipstick	1
53	144069	Coupling	1
54	01-3777	Screen (not used with Sump P/N 90-3967T1)	1
55	19-5394	Capscrew (not used with Sump P/N 90-3967T1)	4
56	01-3799	Fill Tube	1
57	01-3810	Gasket	1
58	31-1255	Caplug	8
59	31-492	Tee	1
60	31-064	Pipe Plug	1
61	01-2209	Yoke	1
62	14-059	Nut	2
63	19-163	Washer	1
64	90-1816T1	Brake Yoke	1
65	19-5796	Washer	1
66	01-6992T1	Yoke (01-6992 - Code E)	1
67	90-1869T1	O-Ring	1
68	01-3306	Speed Pickup (not shown)	1
69	19-045	Capscrew (1/2" thick top) (D)	14
	19-043	Capscrew (1/4" thick top) (D)	
70	01-1055	RTV Sealant (not shown)	AR

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***NOTE:** These items (Refs. 24 & 25) will only be found on later production models.

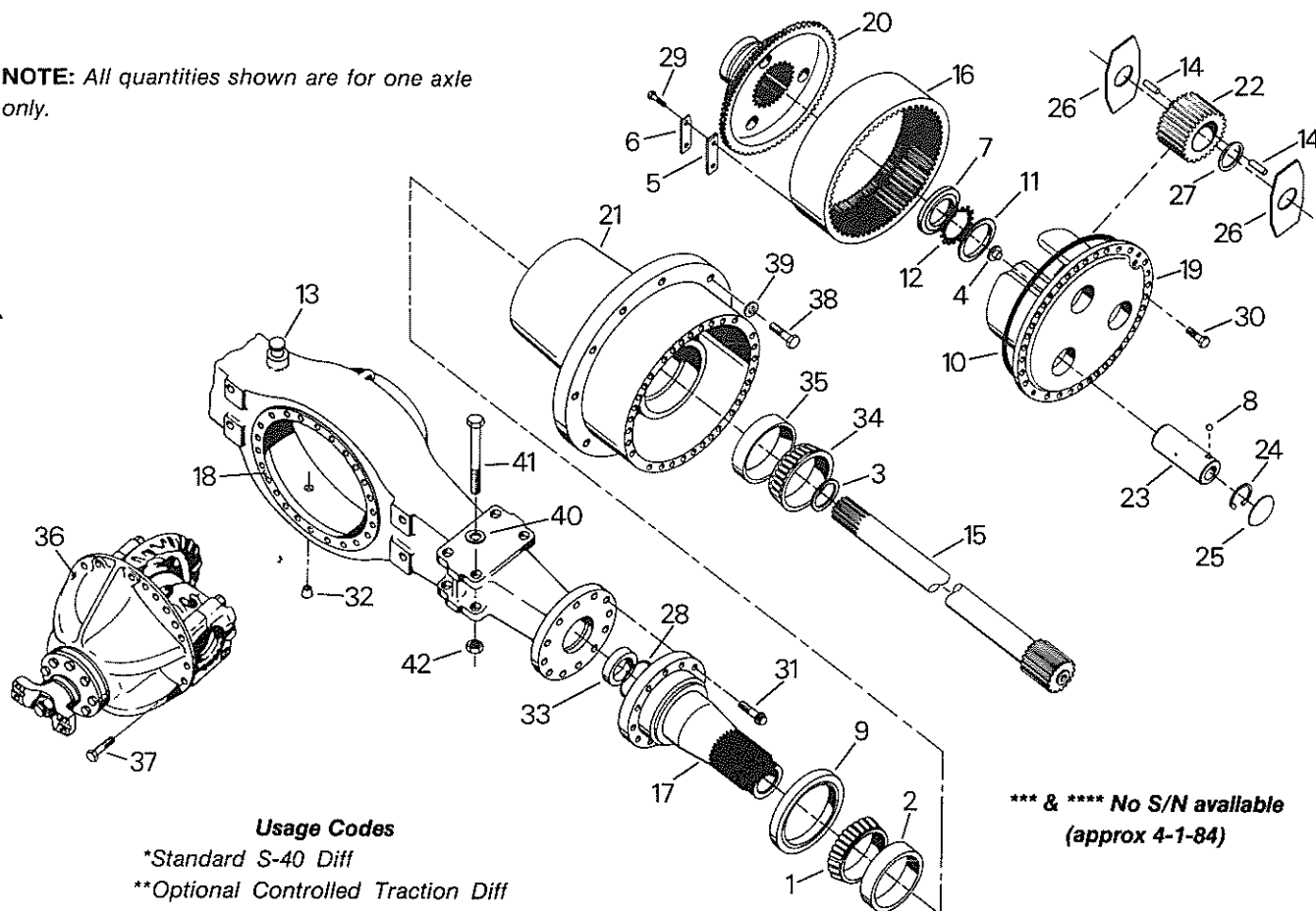


Transfer Case Lube System

Ref.	Part No.	Description	Qty.
1	31-382	Fitting	1
2	31-2016	Hose	1
3	31-1150	Clamp Assy	1
4	31-1752	Adapter (10)	1
5	90-2723T1	Pump Assy	1
6	19-018	Capscrew	2
7	31-330	Fitting (10)	1
8	31-2015	Hose	1
9	50-1423T2	Tube	1
10	31-1244	Clamp Assy	6
11	31-1896	Hose	2
12	31-321	Elbow	2
13	50-1426T2	Tube	1

Ref.	Part No.	Description	Qty.
14	31-1895	Elbow	2
15	18-501	Filter Assy	1
	18-502	Element	AR
16	19-001	Capscrew	2
17	19-223	Washer	2
18	31-1533	Hose	1
19	10-039	Oil Cooler	1
20	19-107	Washer	4
21	19-341	Lock Nut	2
22	9430186	Capscrew	4
23	90-2288T1	Gasket	1
24	31-2353	Orificed Tee*	1
25	9403372	Cap*	1

NOTE: All quantities shown are for one axle only.



Usage Codes

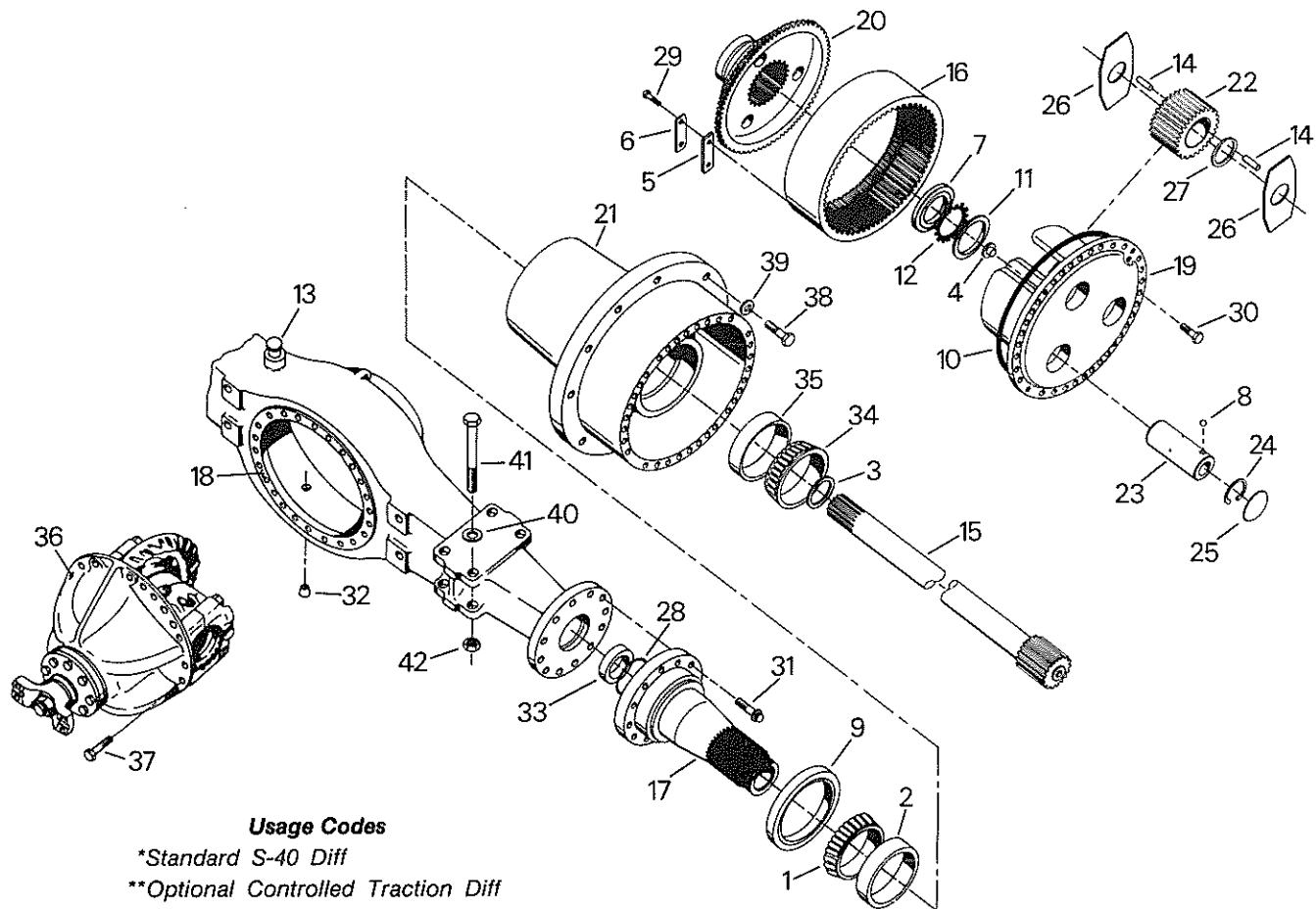
*Standard S-40 Diff

**Optional Controlled Traction Diff

S-40 Axle Assembly

Ref.	Part No.	Description	Qty.
	90-2658T91	Axle Assy (Front)*	1
	90-2659T91	Axle Assy (Rear)*	
	90-2661T91	Axle Assy (Front)**	
	90-2662T91	Axle Assy (Rear)**	
1-35	90-1822T92	Axle Assy (Less Diff)	1
1	01-1357	Bearing Cone	2
2	01-1358	Bearing Cup	2
3	01-1394	Thrust Washer	2
4	01-1355	Thrust Button	2
5	01-1356	Locking Tab	6
6	01-1360	Retaining Clip	6
7	01-1361	Washer	2
8	01-1393	Ball	6
9	90-3839T1	Seal (01-1351 - Code E)	2
10	01-1397	O-Ring	2
11	01-1349	Nut	2
12	01-1363	Washer (D)***	2
	90-4378T1	Washer (D)****	
13	01-1359	Vent	1
14	01-1354	Roller Bearing	288
15	90-1820T1	Axle Shaft	2

Ref.	Part No.	Description	Qty.
16	01-1400	Ring Gear	2
17	90-3841T1	Spindle (D)***	2
		(90-1826T1 - Code B)	
	90-3841T2	Spindle (D)***	
18	02-1098	Diff Housing	1
19	01-1406	Planet Carrier	2
20	01-1402	Ring Gear Hub	2
21	90-1825T2	Wheel Hub	2
22	01-1399	Planet Gear	6
23	01-1353	Planet Pin	6
24	01-1398	Snap Ring	6
25	01-1350	Expansion Plug	6
26	01-3093	Thrust Plate	12
27	01-1396	Spacer	6
28	01-1395	O-Ring (qty 4 with Spindle P/N 90-1826T1)	2
29	454862	Capscrew	12
30	271562	Capscrew	64
31	19-1920	12 Pt Socket Head Capscrew	24
32	31-531	Plug	4



S-40 Axle Assembly

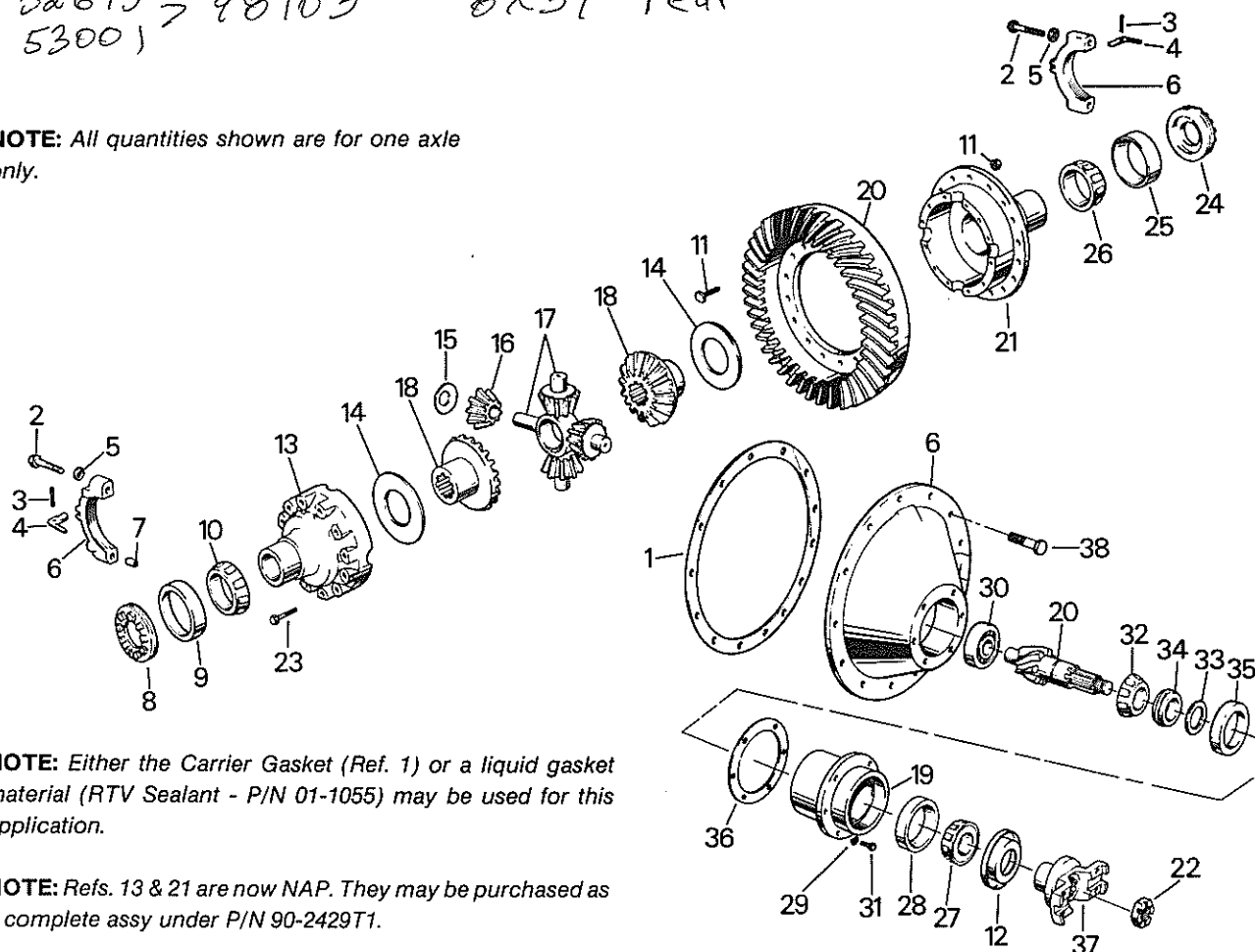
Ref.	Part No.	Description	Qty.
33	01-1352	Pilot Ring (used with Spindle P/N 90-1826T1 only)	2
34	16-755	Bearing Cone	2
35	16-1206	Bearing Cup	2
36		Diff Assy* (see Page 4-31) Diff Assy** (see Page 4-33)	1

Ref.	Part No.	Description	Qty.
37	19-817	Capscrew	8
	19-840	Capscrew	4
38	223470	Lug Bolt	20
39	19-2975	Washer	20
40	19-5739	Washer	8
41	19-1121	Axle Bolt	8
42	19-859	Nut	8

pinion 52815 > 98103
gear 53001

8X39 rear

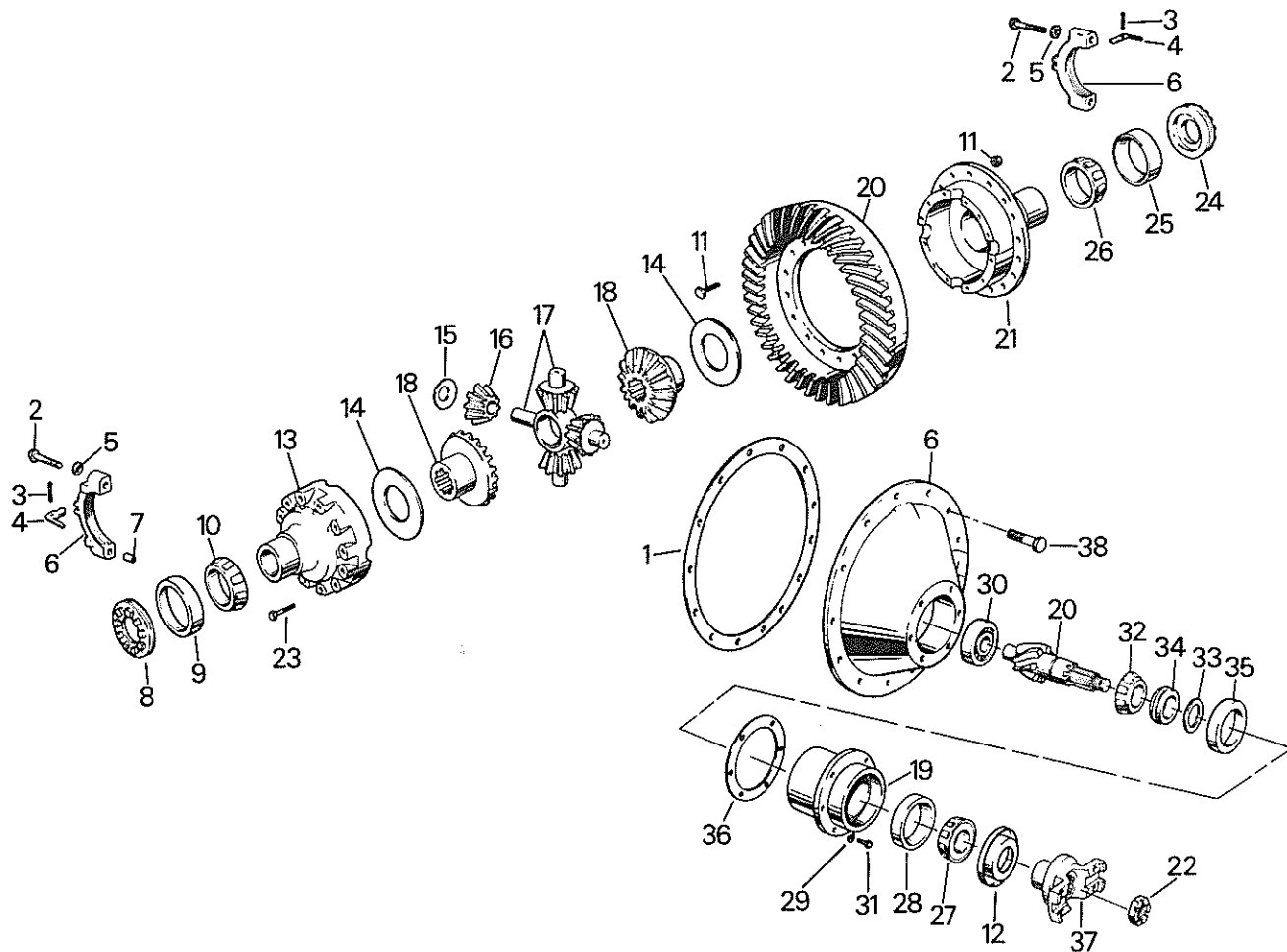
NOTE: All quantities shown are for one axle only.



Differential & Carrier Assembly (Standard Differential)

Ref.	Part No.	Description	Qty.
1-36	90-1877T91	Diff Assy (Front)	1
	90-1878T91	Diff Assy (Rear)	
1	16-046	Carrier Gasket (see Note)	1
2	16-024	Capscrew	4
3	16-025	Cotter Pin	2
4	16-026	Lock Adjuster	2
5	16-064	Washer	4
6	01-2019	Diff Carrier (with Caps) (incl Refs. 2, 5 & 7)	1
7	16-065	Bushing	2
8	16-028	Bearing Adjuster (Right)	1
9	16-029	Bearing Cup (Right)	1
10	16-030	Bearing Cone (Right)	1
11	16-040	Bolt & Nut Kit (16 of each)	1
12	16-060T1	Seal (16-060 - Code B)	1
13	NAP	Diff Case (Plain) (see Note)	1

Ref.	Part No.	Description	Qty.
14-18	35-1375T91	Diff Kit	AR
14	01-2020	Thrust Washer	2
15	01-2024	Thrust Washer	4
16	NAP	Side Pinion	4
17	NAP	Diff Spider	1
18	NAP	Side Gear - 93401	2
19	01-1968	Pinion Bearing Cage (incl Refs. 28 & 35)	1
20	01-2029	Ring Gear & Pinion (Front)	1
	01-2028	Ring Gear & Pinion (Rear) - 98111	
21	NAP	Diff Case (Flanged) (see Note)	1
22	01-1967	Nut	1
23	01-2022	Capscrew	12
24	16-045	Bearing Adjuster (Left)	1
25	16-044	Bearing Cup (Left)	1

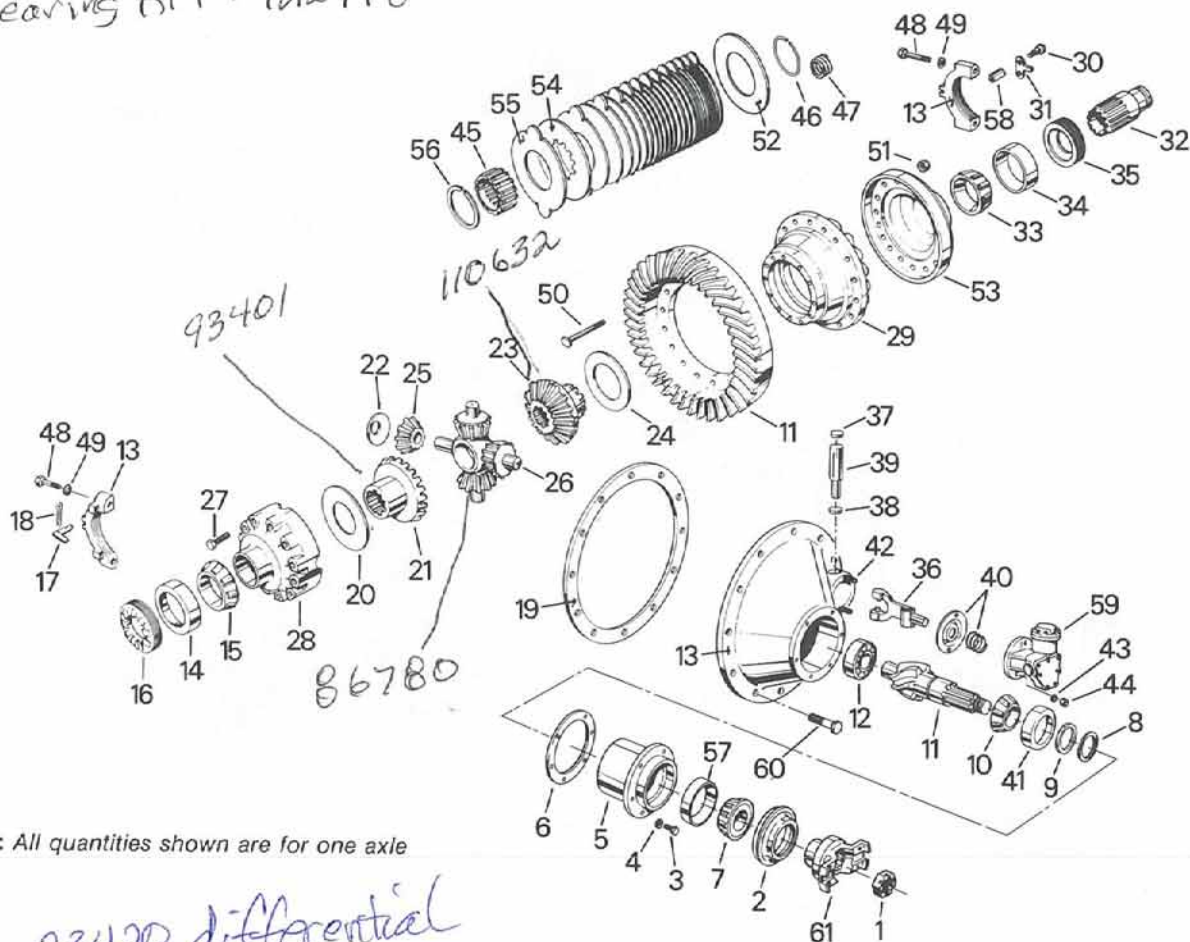


Differential & Carrier Assembly (Standard Differential)

Ref.	Part No.	Description	Qty.
26	16-043	Bearing Cone (Left)	1
27	16-057	Bearing Cone	1
28	16-056	Bearing Cup	1
29	16-054	Lock Washer	6
30	01-2018	Bearing	1
31	16-055	Capscrew	6
32	16-048	Bearing Cone	1
33	16-218	Spacer (.176)	AR
	16-219	Spacer (.177)	
	16-220	Spacer (.178)	
	16-221	Spacer (.179)	
	16-222	Spacer (.180)	
	16-223	Spacer (.181)	
	16-224	Spacer (.182)	
	16-225	Spacer (.183)	
	16-226	Spacer (.184)	
	16-227	Spacer (.185)	
	16-228	Spacer (.186)	
	16-229	Spacer (.187)	

Ref.	Part No.	Description	Qty.
	16-230	Spacer (.188)	1
	16-231	Spacer (.189)	
	16-232	Spacer (.190)	
	16-233	Spacer (.191)	
	16-234	Spacer (.192)	
	16-235	Spacer (.193)	
	16-236	Spacer (.194)	
	16-237	Spacer (.195)	
34	16-050	Spacer	
35	16-051	Bearing Cup	
36	16-052	Shim (.003)	AR
	16-245	Shim (.005)	
	16-246	Shim (.010)	
	16-247	Shim (.020)	
	16-248	Shim (.030)	1
37	01-5513	Yoke	
38	19-817	Capscrew	8
	19-840	Capscrew	4

bearing kit = 122448



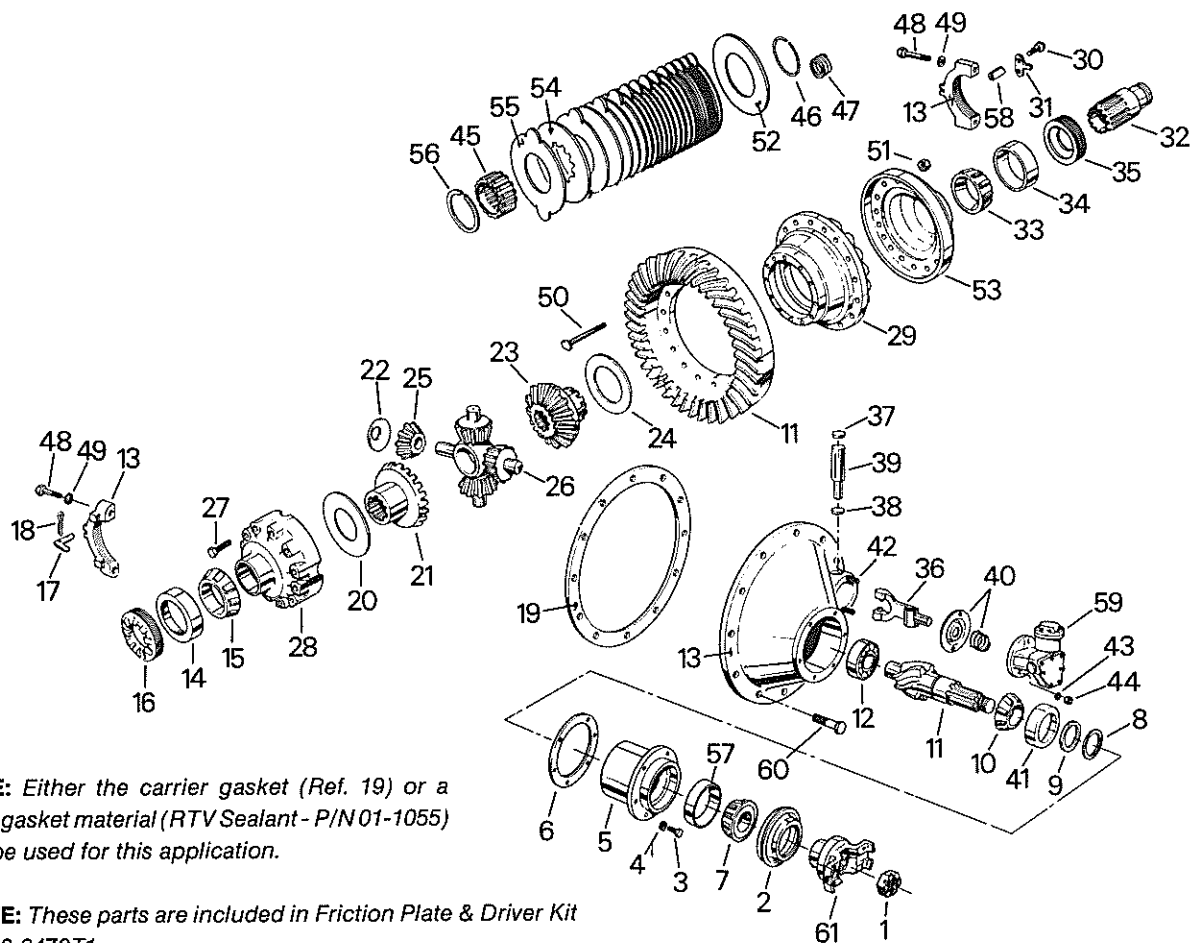
NOTE: All quantities shown are for one axle only.

*23420 differential
can get new*

Differential & Carrier Assembly (Controlled Traction Differential)

Ref.	Part No.	Description	Qty.
1-58	90-2656T91	Diff Assy (Front)	1
	90-2657T91	Diff Assy (Rear)	
1	01-1967	Nut	1
2	16-060T1	Seal (16-060 - Code B)	1
3	16-055	Capscrew	6
4	16-054	Lock Washer	6
5	01-1968	Pinion Bearing Cage (incl Refs. 41 & 57)	1
6	16-052	Shim (.003)	AR
	16-245	Shim (.005)	
	16-246	Shim (.010)	
	16-247	Shim (.020)	
	16-248	Shim (.030)	
7	16-057	Bearing Cone	1
8	16-218	Spacer (.176)	AR
	16-219	Spacer (.177)	
	16-220	Spacer (.178)	
	16-221	Spacer (.179)	
	16-222	Spacer (.180)	
	16-223	Spacer (.181)	
	16-224	Spacer (.182)	
	16-225	Spacer (.183)	
	16-226	Spacer (.184)	

Ref.	Part No.	Description	Qty.
	16-227	Spacer (.185)	
	16-228	Spacer (.186)	
	16-229	Spacer (.187)	
	16-230	Spacer (.188)	
	16-231	Spacer (.189)	
	16-232	Spacer (.190)	
	16-233	Spacer (.191)	
	16-234	Spacer (.192)	
	16-235	Spacer (.193)	
	16-236	Spacer (.194)	
	16-237	Spacer (.195)	
9	16-050	Spacer	1
10	16-048	Bearing Cone	1
11	01-2029	Ring Gear & Pinion (Front)	1
	01-2028	Ring Gear & Pinion (Rear)	
12	01-2018	Bearing	1
13	90-3411T91	Diff Carrier Assy (with Caps) (incl Refs. 48, 49 & 58)	1
14	16-029	Bearing Cup (Right)	1
15	16-030	Bearing Cone (Right)	1
16	16-028	Bearing Adjuster (Right)	1
17	16-026	Lock Adjuster (Right)	1
18	16-025	Cotter Pin	1



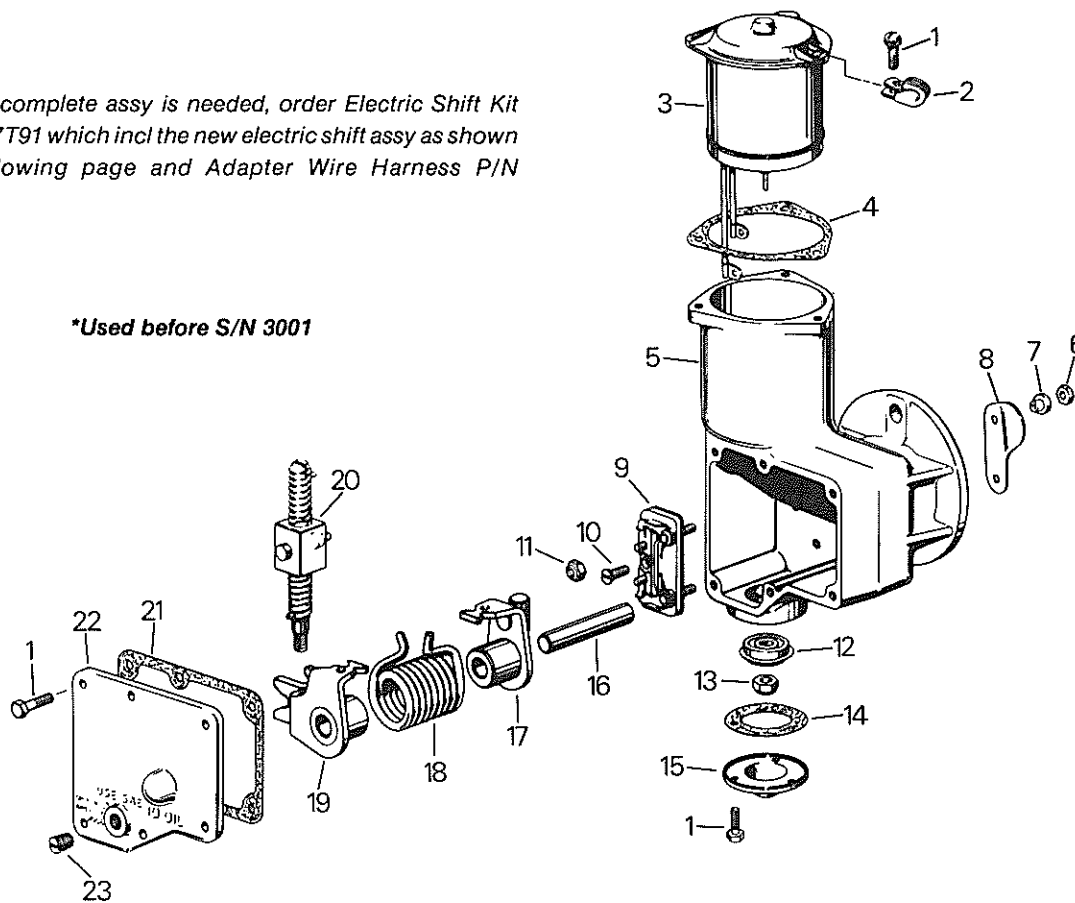
Differential & Carrier Assembly (Controlled Traction Differential)

Ref.	Part No.	Description	Qty.
19	16-046	Carrier Gasket (see Note)	1
20-26	90-5801T91	Diff Kit	AR
20	01-2020	Thrust Washer (Right)	1
21	NSS	Side Gear (Right)	1
22	01-2024	Thrust Washer	4
23	NSS	Side Gear (Left)	1
24	90-3414T1	Thrust Washer (Left)	1
25	01-2023	Side Pinion	4
26	01-2025	Diff Spider	1
27	01-2022	Capscrew	12
28-29	90-5795T1	Diff Case Assy	1
28	NAP	Diff Case (Plain)	1
29	NAP	Diff Case (Flanged)	1
30	90-3415T1	Capscrew	2
31	90-3416T1	Lock Adjuster (Left)	1
32	90-3417T1	Sliding Clutch	1
33	90-3418T1	Bearing Cone (Left)	1
34	90-3419T1	Bearing Cup (Left)	1
35	90-3420T1	Bearing Adjuster (Left)	1
36	90-3421T1	Shift Fork Assy	1
37	90-3422T1	Expansion Plug	1
38	90-3423T1	Expansion Plug	1
39	90-3424T1	Shift Fork Shaft	1
40	90-3425T1	Seal & Spring	1

Ref.	Part No.	Description	Qty.
41	16-051	Bearing Cup	1
42	90-3427T1	Stud	2
43	90-3428T1	Washer	2
44	90-3429T1	Lock Nut	2
45	90-3430T1	Driver Plate*	1
46	90-3431T1	Snap Ring*	1
47	90-3432T1	Spring	12
48	16-024	Capscrew	4
49	16-064	Washer	4
50	90-3435T1	Capscrew	16
51	90-3436T1	Lock Nut	16
52	90-3437T1	Press. Plate*	1
53	90-3438T1	Case Cover	1
54	90-3439T1	Friction Plate*	12
55	90-3440T1	Friction Plate*	13
56	90-3441T1	Snap Ring*	1
57	16-056	Bearing Cup	1
58	16-065	Bushing	2
59		Electric Shift Assy (see Pages 4-35 & 4-36)	1
60	19-817	Capscrew	8
	19-840	Capscrew	4
61	01-5513	Yoke	1

NOTE: If a complete assy is needed, order Electric Shift Kit P/N 35-1577T91 which incl the new electric shift assy as shown on the following page and Adapter Wire Harness P/N 20-2127T1.

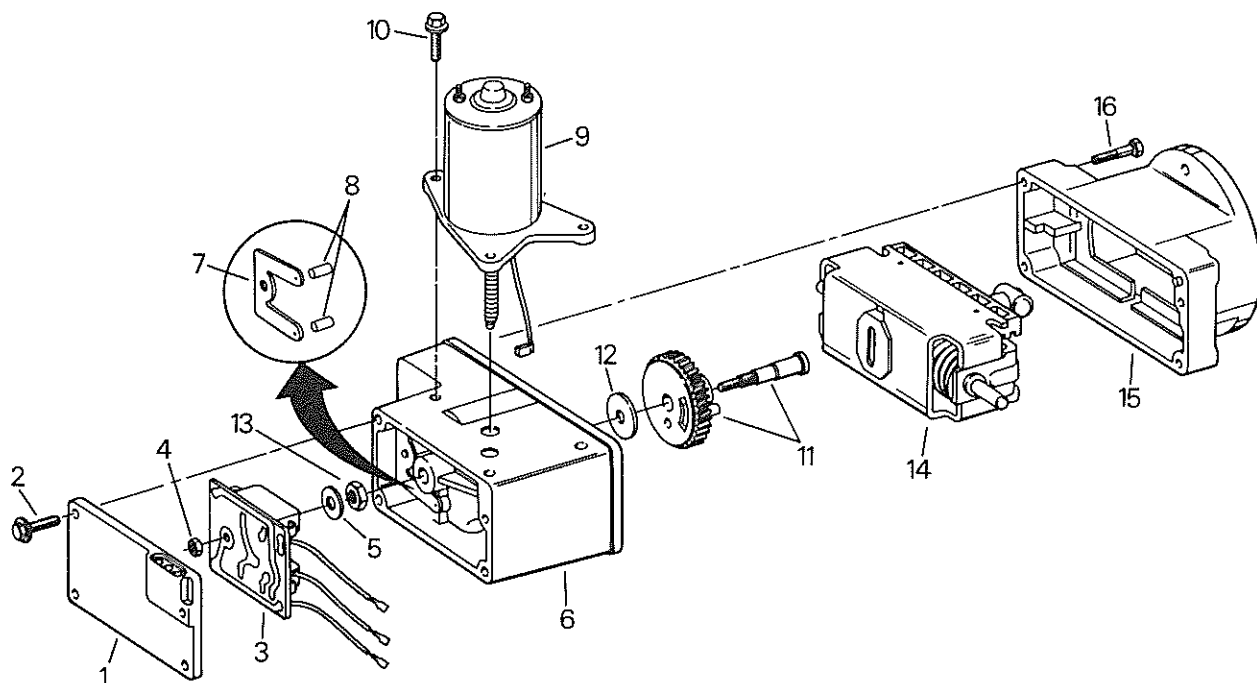
**Used before S/N 3001*



Electric Shift Assembly (Early Style*)

Ref.	Part No.	Description	Qty.
1-24	90-2865T91	Electric Shift Assy	1
1-23	90-2663T91	Electric Shift Assy	1
1	90-3386T1	Capscrew	12
2	90-3387T1	Clip	2
3	90-3388T1	Motor Assy	1
4	90-3389T1	Gasket	1
5	90-3390T1	Housing	1
6	90-3393T1	Lock Nut	2
7	90-3394T1	Insulator Bushing	2
8	90-3395T1	Insulator	1
9	90-3396T1	Switch	1
10	90-3397T1	Machine Screw	1
11	90-3398T1	Lock Nut	2

Ref.	Part No.	Description	Qty.
12	90-3399T1	Bearing	1
13	90-3400T1	Lock Nut	1
14	90-3401T1	Gasket	1
15	90-3402T1	Bearing Cover	1
16	90-3403T1	Shaft	1
17	90-3404T1	Lever	1
18	90-3405T1	Spring	1
19	90-3406T1	Lever	1
20	90-3407T1	Drive Screw Assy	1
21	90-3408T1	Gasket	1
22	90-3409T1	Cover	1
23	90-3410T1	Plug	1
24	20-1486T1	Wire Harness (not shown)	1



**Used after S/N 3000*

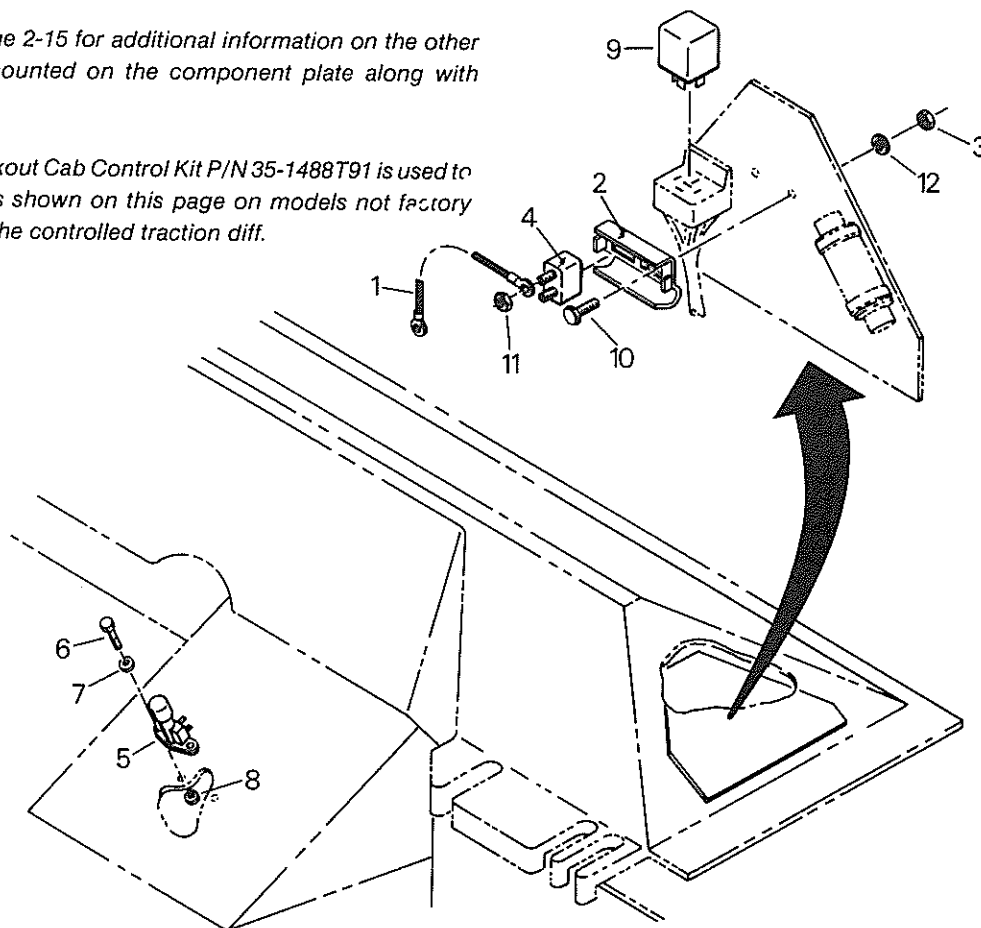
Electric Shift Assembly (Later Style*)

Ref.	Part No.	Description	Qty.
1-18	90-4391T91	Electric Shift Assy	1
1	90-4542T1	Cover	1
2	90-4552T1	Capscrew	4
3	90-4550T1	Circuit Board Assy (incl Refs. 4 & 5)	1
4	NSS	Nut	1
5	NSS	Washer	1
6	90-4543T91	Motor Housing Assy (incl Ref. 7)	1
7	90-4544T1	Switch Spring	1
8	90-4545T1	Cam Pin	2

Ref.	Part No.	Description	Qty.
9	90-4546T91	Motor Assy (incl Ref. 17)	1
10	90-4553T1	Capscrew	3
11	90-4547T91	Gear & Shaft Assy (incl Refs. 4, 5, 8, 12, 13 & 17)	1
12	NSS	Washer	1
13	NSS	Nut	1
14	90-4548T1	Slide Block & Shaft	1
15	90-4549T1	Housing	1
16	90-4554T1	Capscrew	4
17	90-4551T1	Lubricant (not shown)	1
18	01-1055	RTV Sealant (not shown)	AR

NOTE: See page 2-15 for additional information on the other components mounted on the component plate along with Refs. 2, 4 & 9.

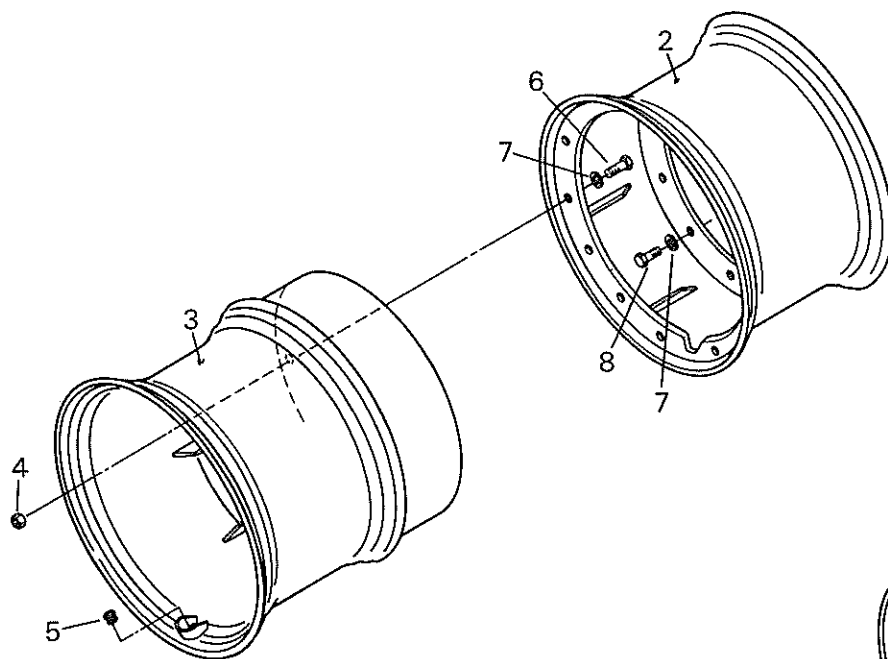
NOTE: Diff Lockout Cab Control Kit P/N 35-1488T91 is used to install the items shown on this page on models not factory equipped with the controlled traction diff.



Controlled Traction Differential Controls

Ref.	Part No.	Description	Qty.
1	20-1507T1	Wire	1
2	20-1171T1	Circuit Breaker Bracket	1
3	19-567	Nut	2
4	22-673	Circuit Breaker (30 Amp)	1
5	20-1421T1	Switch	1
6	19-002	Capscrew	2

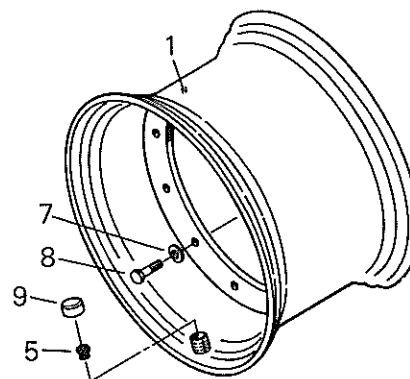
Ref.	Part No.	Description	Qty.
7	19-105	Washer	2
8	19-291	Lock Nut	2
9	01-7877	Relay	1
10	159927	Machine Screw	2
11	19-481	Kep Nut	2
12	19-297	Lock Washer	2



Usage Codes
 (20") - Wheel Width (see Note)
 (S) - Standard 8" Dual Spacing
 (N) - Narrow 4" Dual Spacing
 (RB) - Reinforced Bead
 (HD) - Heavy Duty

NOTE: The tire valve used on early models with 35.5 x 32 tubeless tires is P/N 30-1294T1.

NOTE: The wheel width is shown because there are instances where the tires may be mounted on wider than usual wheels. The narrower width shown is always the standard usage. This is most common in the northwest states but could appear anywhere, **so be sure to check before ordering.**



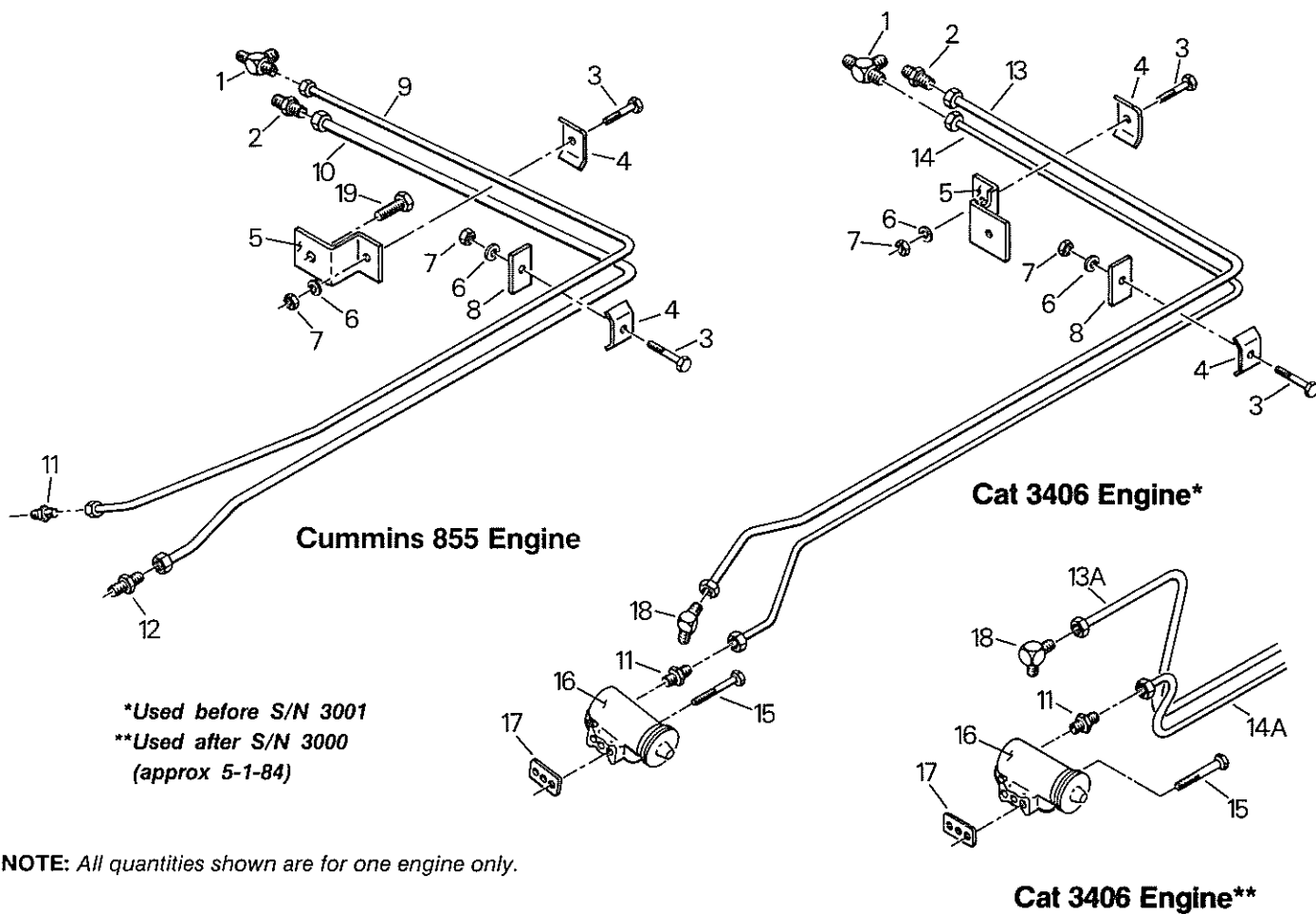
Wheels

Ref.	Part No.	Description	Qty.
1	20-294	Main Wheels	4
	30-1159T1	30.5 x 32 (27")	
	30-1013T1	30.5 x 32 (30")	
	30-1218T1	30.5 x 32 (27") (RB) (HD)	
	30-1218T1	30.5 x 32 (30") (RB) (HD)	
	30-1118T1	35.5 x 32 (31") (see Note)	
	30-1128T1	35.5 x 32 (31") (with Pipe Cap Style Valve Stem Guard)	
2	30-1189T1	Main Wheels (with Hub Bolted Duals)	4
	30-1056T2	23.1 x 34 (20")	
	30-1190T1	23.1 x 34 (20") (RB)	
	02-2102T2	24.5 x 32 (21")	
	30-1223T1	24.5 x 32 (21") (RB)	
	30-1221T1	24.5 x 32 (24")	

Ref.	Part No.	Description	Qty.
3	30-1191T1	Hub Bolted Dual Wheels	4
	30-1051T1	23.1 x 34 (20") (S)	
	30-1192T1	23.1 x 34 (20") (S) (RB)	
	30-1193T1	24.5 x 32 (21") (S)	
	30-1032T1	24.5 x 32 (21") (S) (RB)	
	02-2434T2	24.5 x 32 (21") (N)	
	30-1217T1	24.5 x 32 (21") (N) (RB)	
	30-1222T1	24.5 x 32 (24") (S)	
	30-1222T1	24.5 x 32 (24") (N)	
	30-1215T1	24.5 x 32 (24") (S) (RB)	
	30-1216T1	24.5 x 32 (24") (N) (RB)	
4	19-457	Nut	48
5	22-521	Plug (qty 8 with Duals)	4
6	19-420	Capscrew	48
7	19-2975	Washer (qty 136 with Duals)	40
8	223470	Capscrew	40
9	178438	Pipe Cap (used on Wheel P/N 30-1128T1 only)	4

Section 5 - Air System & Brakes

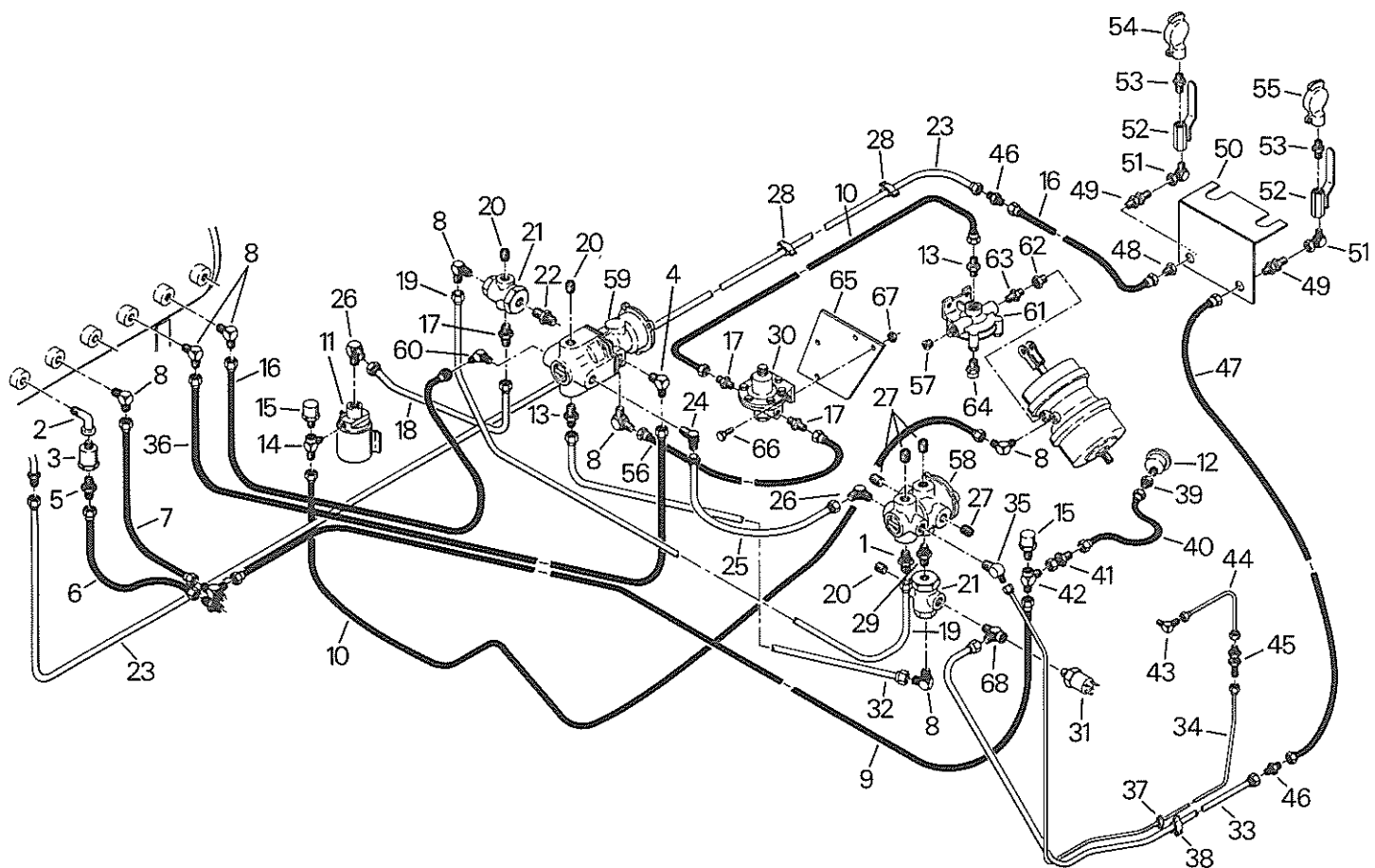
Description	Page
Air System - Engine	5-1
Air System - Cab & Frame	5-2, 5-3
Air Reservoir & Mounting	5-4
Governor Assembly	5-5
Air System Components	5-6 - 5-8
Brake & Mounting	5-9
Brake Head Assembly	5-10



Air System - Engine

Ref.	Part No.	Description	Qty.
1	9402981	Tee	1
2	01-2786	Adapter	1
3	19-550	Capscrew	2
4	32-1000	Clamp	2
5	50-1569T1	Strap	1
6	19-115	Lock Washer	2
7	19-076	Nut	2
8	02-6563T1	Bar	1
9	50-1565T1	Tube	1
10	50-1566T1	Tube	1
11	31-376	Adapter	1

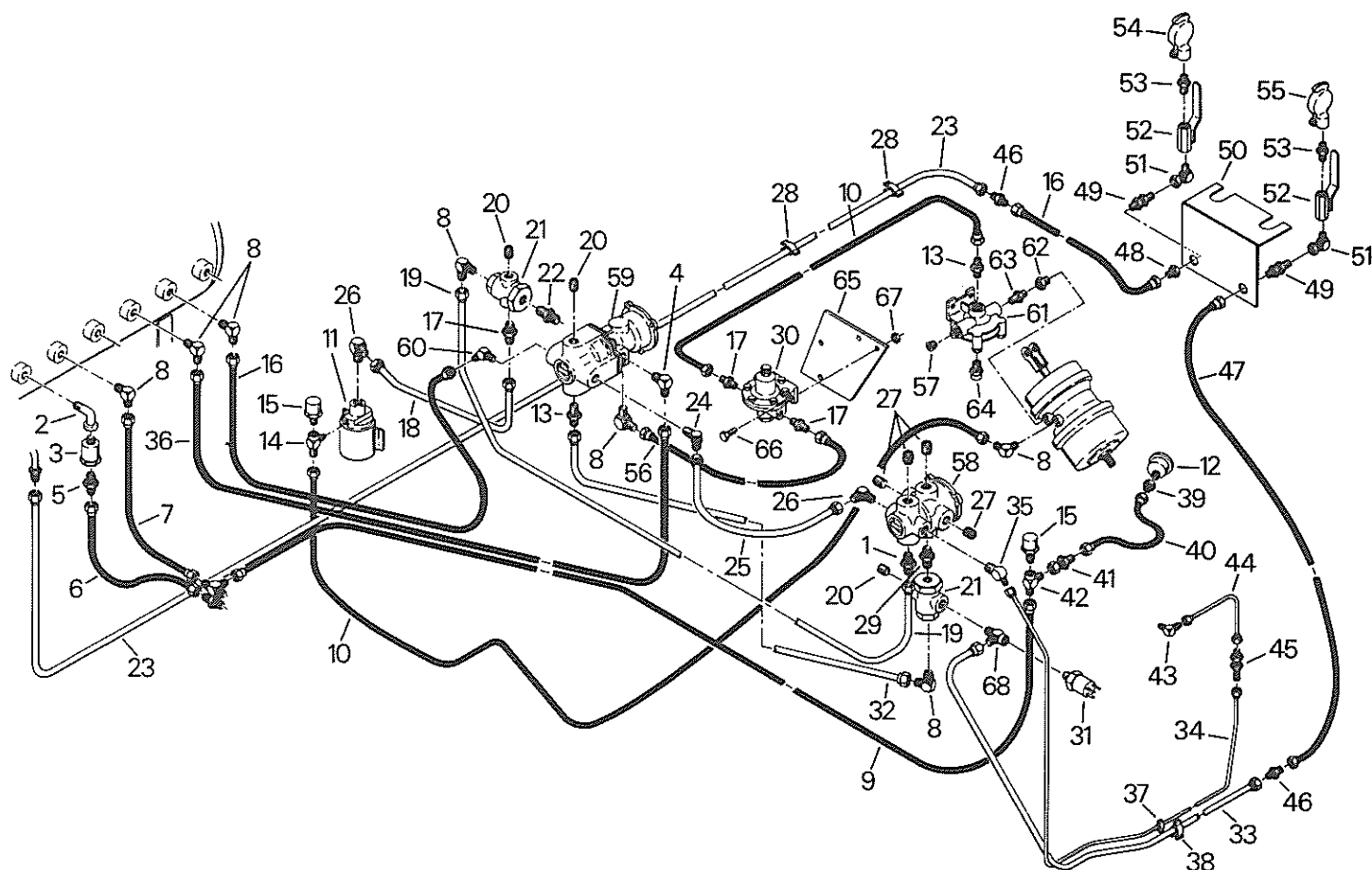
Ref.	Part No.	Description	Qty.
12	31-363	Adapter	1
13	90-2842T1	Tube (D)*	1
13A	90-4540T2	Tube (D)**	1
14	90-2843T1	Tube (D)*	1
14A	90-4541T2	Tube (D)**	1
15	19-535	Capscrew	2
16		Governor Assy (see Page 5-5)	1
17	90-2841T1	Gasket	1
18	31-321	Elbow	1
19	271740	Capscrew	1



Air System - Cab & Frame

Ref.	Part No.	Description	Qty.
1	31-375	Adapter	1
2	31-219	Street Elbow	1
3		Check Valve (see Page 5-7)	1
4	31-490	Elbow	1
5	18-1084	Adapter	1
6	31-2162	Hose (31-1655 - Code F)	1
7	31-1528	Hose (31-1668 - Code F)	1
8	31-269	Elbow	7
9	31-2074	Hose	1
10	31-1530	Hose	2
11	20-1402T1	Solenoid Air Valve	1
12	20-1365T1	Air Press. Gauge	1
13	31-268	Adapter	2
14	31-1987	Tee	1
15	20-1413T1	Low Press. Indicator Switch	2
16	31-2071	Hose	2
17	31-377	Adapter	3
18	50-1879T1	Tube	1
19	50-1703T1	Tube	1
20	18-628	Pipe Plug	4

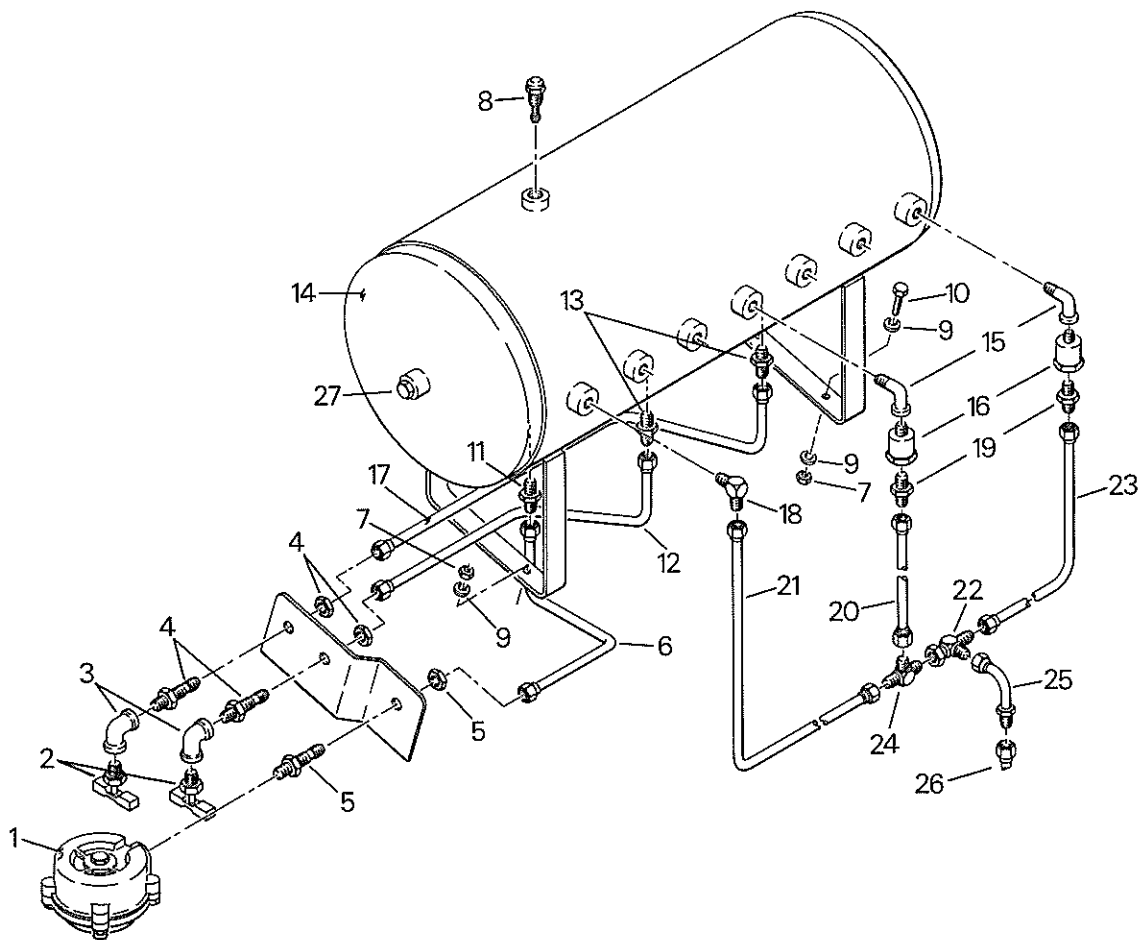
Ref.	Part No.	Description	Qty.
21	90-2844T1	Check Valve	2
22	31-2077	Adapter	1
23	90-3350T1	Tube	1
24	31-2100	Elbow	1
25	50-1706T1	Tube	1
26	31-508	Elbow	2
27	444704	Pipe Plug	4
28	31-1244	Clamp Assy	2
29	31-2075	Adapter	1
30		Press. Regulator (see Page 5-8)	1
31	20-1414T1	Stop Light Switch	1
32	50-1704T1	Tube	1
33	50-1567T2	Tube	1
34	50-1564T1	Tube	1
35	31-2064	Elbow	1
36	31-2072	Hose	1
37	31-1313	Clamp Assy	1
38	31-1823	Clamp Assy	1
39	31-1593	Adapter	1
40	31-2332	Hose	1



Air System - Cab & Frame

Ref.	Part No.	Description	Qty.
41	31-1989	Bulkhead Fitting	1
42	31-1988	Tee	1
43	31-618	Elbow	1
44	50-1568T2	Tube	1
45	31-1391	Bulkhead Fitting	1
46	31-2117	Adapter	2
47	31-1896	Hose	1
48	31-1754	Adapter	1
49	346-02	Adapter	2
50	60-4228T1	Bracket	1
51	31-2116	Elbow	2
52	90-2720T1	Shutoff Valve	2
53	31-345	Adapter	2
54	31-1962	Emergency Coupler	1
55	31-1961	Service Coupler	1
56	31-1668	Hose	1

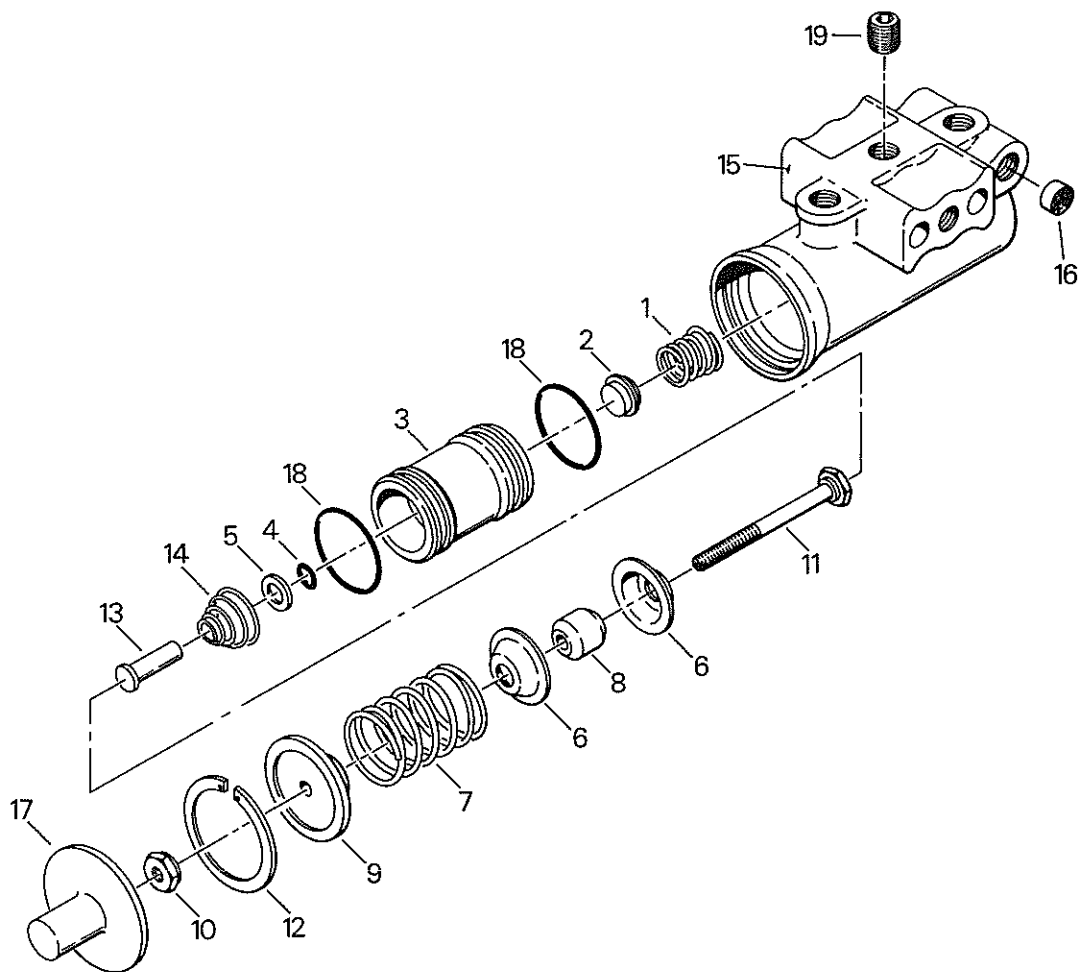
Ref.	Part No.	Description	Qty.
57	31-206	Pipe Plug	1
58		Brake Air Valve (see Page 5-6)	1
59		Dual Brake Air Valve (see Page 5-6)	1
60	31-1076	Elbow	1
61		Quick Release Valve (see Page 5-7)	1
62	31-014	Reducer	1
63	31-2381	Adapter	1
64	31-2382	Breather Vent	1
65	50-2449T1	Plate	1
66	19-001	Capscrew	2
67	19-1081	Lock Nut	2
68	31-2439	Adapter	1
69	02-4152T1	Cable Tie (not shown)	3



Air Reservoir & Mounting

Ref.	Part No.	Description	Qty.
1	90-2721T1	Drain Valve	1
2	31-157	Drain Cock	2
3	31-041	Elbow	2
4	31-2037	Bulkhead Fitting	2
5	31-2038	Bulkhead Fitting	1
6	90-3344T1	Tube	1
7	19-823	Nut	4
8	90-2719T1	Relief Valve	1
9	19-224	Washer	6
10	19-679	Capscrew	2
11	31-363	Adapter	1
12	90-3345T2	Tube	1
13	31-268	Adapter	2
14	90-2718T1	Air Reservoir	1

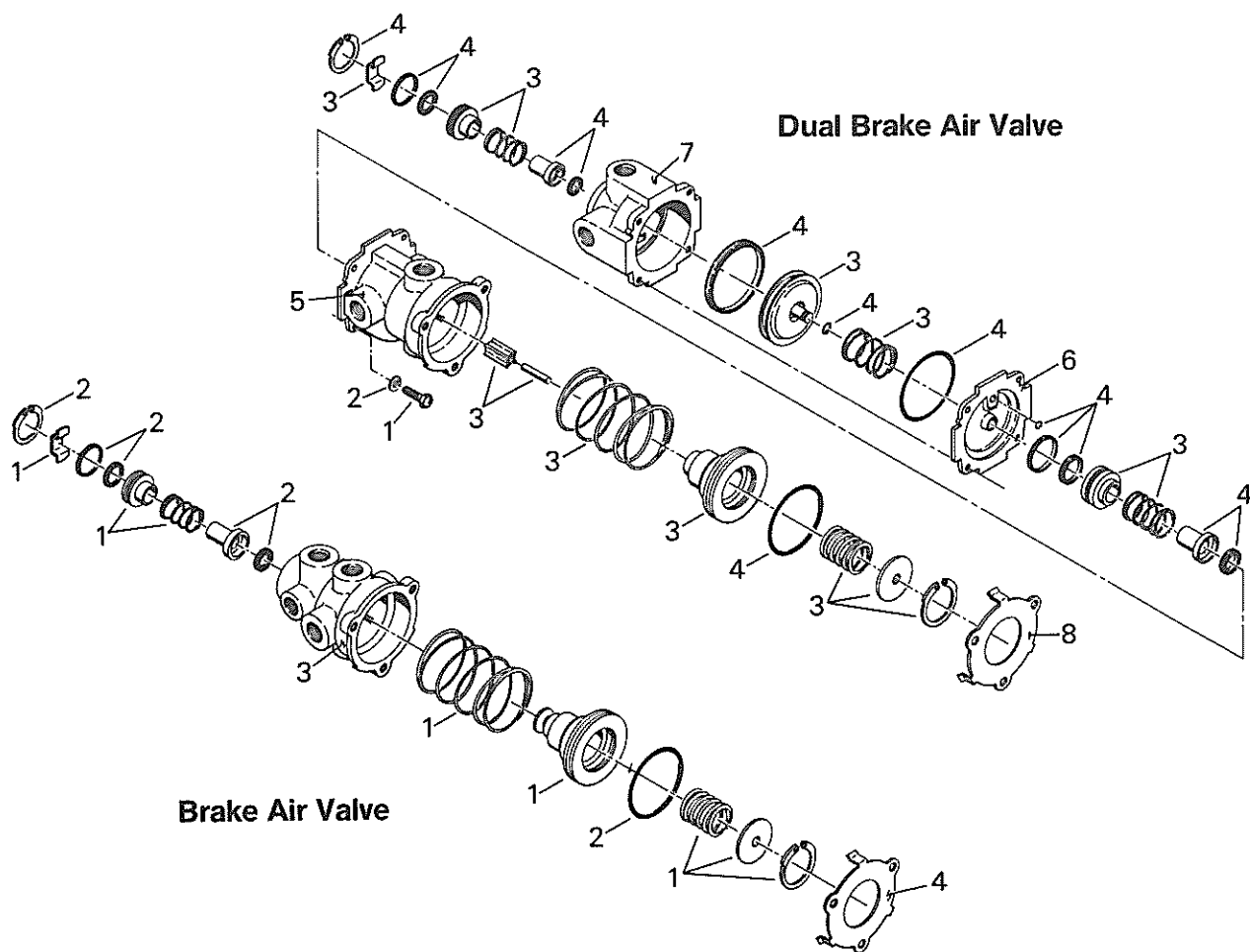
Ref.	Part No.	Description	Qty.
15	31-219	Street Elbow	2
16		Check Valve (see Page 5-7)	2
17	90-3346T2	Tube	1
18	31-490	Elbow	1
19	18-1084	Adapter	2
20	90-3347T1	Tube	1
21	90-3349T1	Tube	1
22	31-1355	Tee	1
23	90-3348T1	Tube	1
24	18-573	Tee	1
25	31-331	Elbow	1
26	90-3350T1	Tube	1
27	444704	Pipe Plug (incl with Ref. 14)	2



Governor Assembly

Ref.	Part No.	Description	Qty.
1-19	90-2840T91	Governor Assy	1
	90-3503T1	Maintenance Kit (incl Refs. 1, 2, 4 & 16-18)	AR
1	90-3496T1	Spring	1
2	90-3497T1	Valve	1
3-5	90-3493T1	Piston Assy	1
3	NSS	Piston	1
4	NSS	O-Ring	1
5	NSS	Washer	1
6-11	90-3495T1	Adjusting Screw & Spring Assy	1
6	NSS	Spring Seat	2
7	NSS	Spring	1

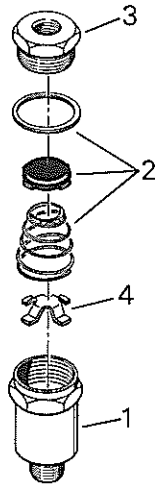
Ref.	Part No.	Description	Qty.
8	NSS	Spring Guide	1
9	NSS	Spring Seat	1
10	NSS	Nut	1
11	NSS	Adjusting Screw	1
12	90-3498T1	Snap Ring	1
13	90-3500T1	Exhaust Stem	1
14	90-3499T1	Spring	1
15	NSS	Body	1
16	NSS	Filter	2
17	90-3501T1	Cover	1
18	90-3494T1	O-Ring	2
19	31-357	Pipe Plug	4



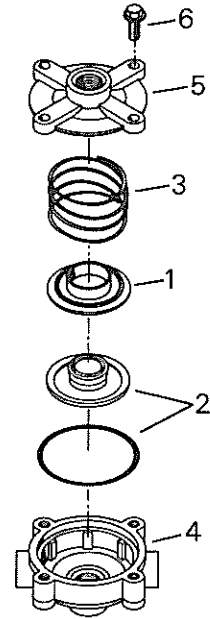
Air System Components

Ref.	Part No.	Description	Qty.
1-4	90-1793T91	Brake Air Valve Assy	1
1	90-2741T1	Maintenance Kit	AR
2	90-2742T1	Seal Kit	AR
3	NSS	Body	1
4	90-2745T1	Spring Retainer	1

Ref.	Part No.	Description	Qty.
1-8	90-1792T91	Dual Brake Air Valve Assy	1
1	19-541	Capscrew	4
2	19-115	Lock Washer	4
3	90-2743T1	Maintenance Kit	AR
4	90-2744T1	Seal Kit	AR
5	NSS	Upper Valve Body	1
6	NSS	Cover	1
7	NSS	Lower Valve Body	1
8	90-2745T1	Spring Retainer	1



Check Valve

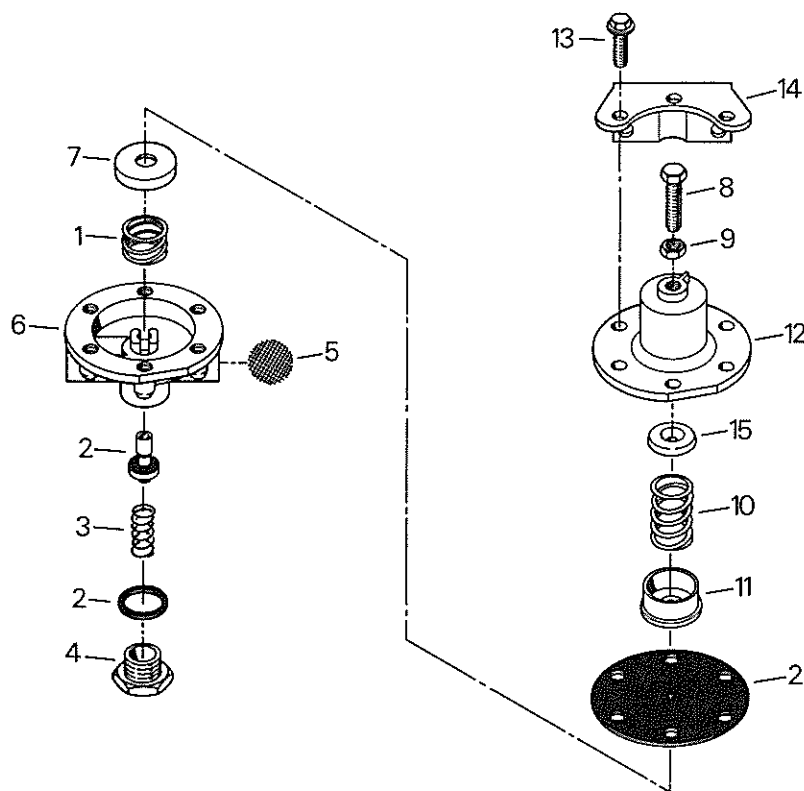


Quick Release Valve

Air System Components

Ref.	Part No.	Description	Qty.
1-4	90-1807T91	Check Valve Assy	1
1	NSS	Valve Body	1
2	90-2702T1	Repair Kit	1
3	NSS	End Cap	1
4	NSS	Valve Stop	1

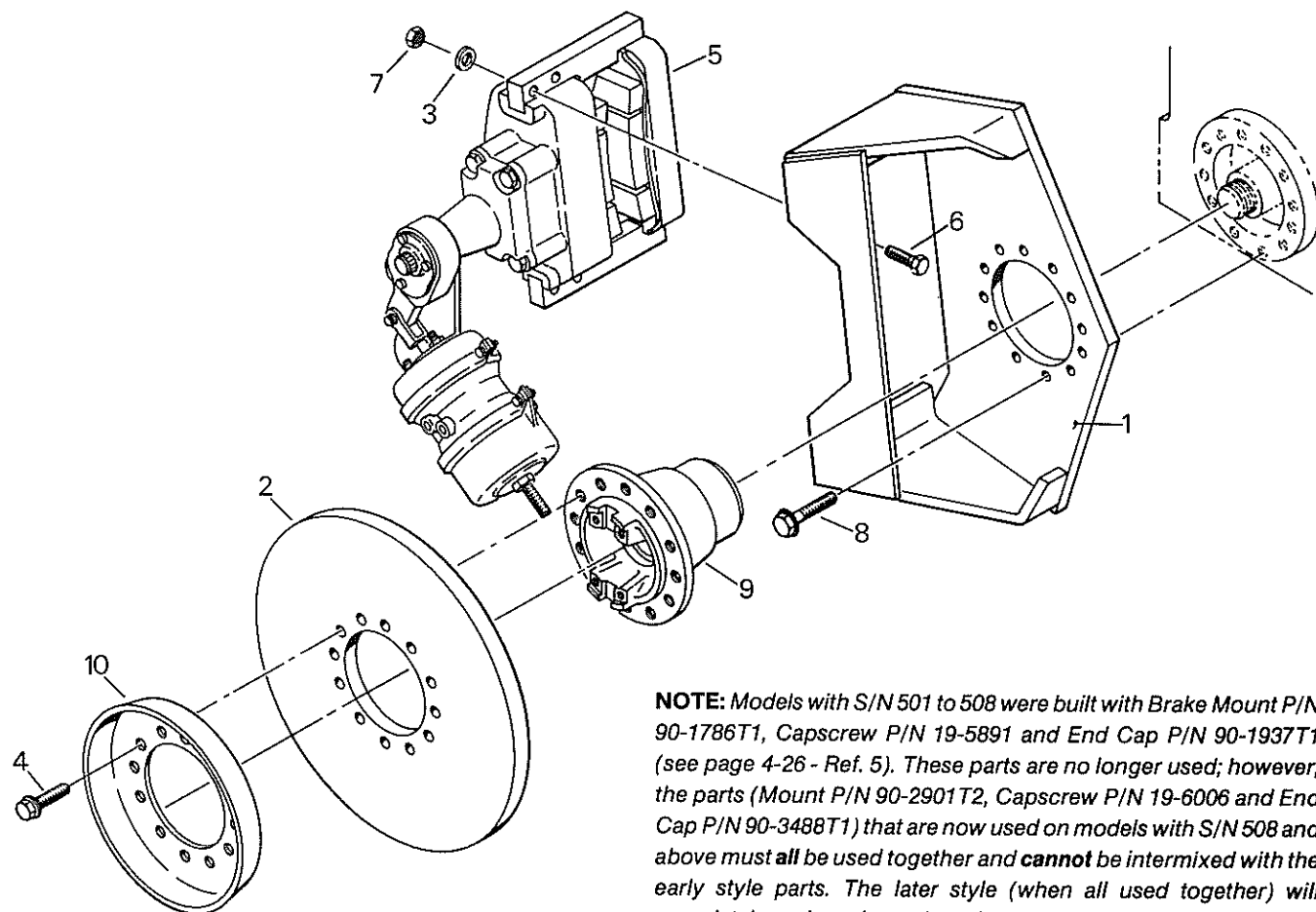
Ref.	Part No.	Description	Qty.
1-6	50-2447T91	Quick Release Valve Assy	1
1	NSS	Diaphragm Plate	1
2	50-2458T1	Seal Kit	AR
3	NSS	Spring	1
4	NSS	Valve Body	1
5	NSS	Cover	1
6	NSS	Screw	4



Air System Components

Ref.	Part No.	Description	Qty.
1-15	50-2448T91	Press. Regulator Valve Assy	1
1	NSS	Spring	1
2	50-2462T1	Seal Kit	AR
3	NSS	Spring	1
4	50-2459T1	Cap	1
5	50-2460T1	Screen	1
6	NSS	Lower Body	1
7	NSS	Spring Plate	1

Ref.	Part No.	Description	Qty.
8	NSS	Screw	1
9	NSS	Nut	1
10	NSS	Spring	1
11	NSS	Diaphragm Plate	1
12	NSS	Cover Assy	1
13	NSS	Screw	6
14	50-2461T1	Bracket	1
15	NSS	Spring Cap	1

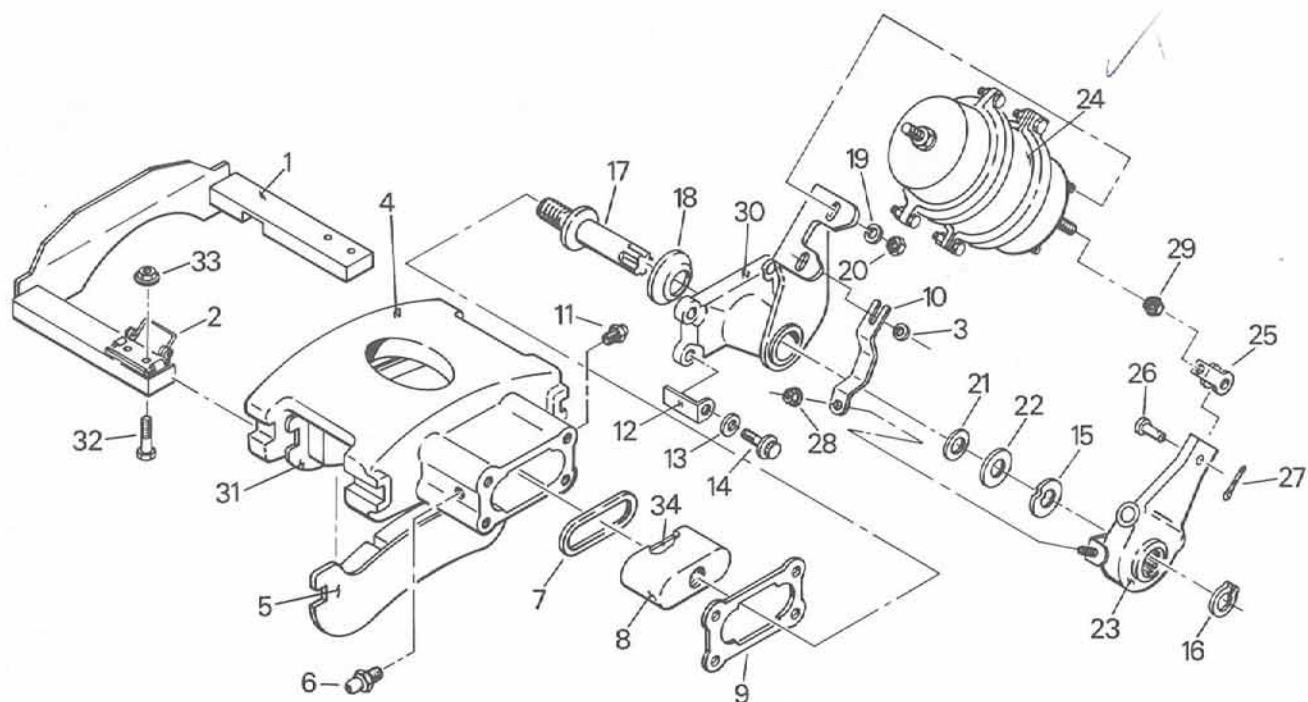


NOTE: Models with S/N 501 to 508 were built with Brake Mount P/N 90-1786T1, Capscrew P/N 19-5891 and End Cap P/N 90-1937T1 (see page 4-26 - Ref. 5). These parts are no longer used; however, the parts (Mount P/N 90-2901T2, Capscrew P/N 19-6006 and End Cap P/N 90-3488T1) that are now used on models with S/N 508 and above must **all** be used together and **cannot** be intermixed with the early style parts. The later style (when all used together) will completely replace the early style.

Brake & Mounting

Ref.	Part No.	Description	Qty.
1	90-1786T1	Brake Mount (D)	1
	90-2901T2	Brake Mount (D) (see Note)	
2	90-1871T1	Brake Disc	1
3	19-5826	Washer (only used on some early models)	4
4	19-5892	Flanged Capscrew	12
5		Brake Head Assy (see Page 5-10)	1

Ref.	Part No.	Description	Qty.
6	19-477	Capscrew	4
7	19-5431	Flanged Nut	4
8	19-5891	Flanged Capscrew (D)	12
	19-6006	Flanged Capscrew (D)	
9	90-1816T1	Brake Yoke	1
10	90-3489T1	Grease Slinger (not used on later models)	1



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419W-7948-1 P.N.
8008736361

Brake Head Assembly

Ref.	Part No.	Description	Qty.
1-31	90-1808T91	Brake Head Assy	1
	90-2836T1	Seal Kit (incl Refs. 7, 9, 15, 16, 18, 21 & 22)	AR
1	90-1809T1	Support Bracket Assy	1
2	90-2838T1	Spring Clip Retainer	2
3	19-111	Washer	1
4	NSS	Caliper	1
5	90-2754T1	Carrier & Lining	1
6	31-094	Lube Fitting	1
7	NSS	Piston Seal	1
8	90-2756T1	Piston Assy (incl Ref. 7) (see Ref. 34)	1
9	NSS	Gasket	1
10	90-2867T1	Control Arm Strap	1
11	178779	Press. Relief Fitting	1
12	90-2755T1	Instruction Plate	1
13	19-849	Washer	4
14	19-1854	12 Pt Socket Head Capscrew	4
15	NSS	Wave Washer	1
16	19-5800	Snap Ring	1
17	90-2757T1	Power Screw Shaft (incl Ref. 18)	1

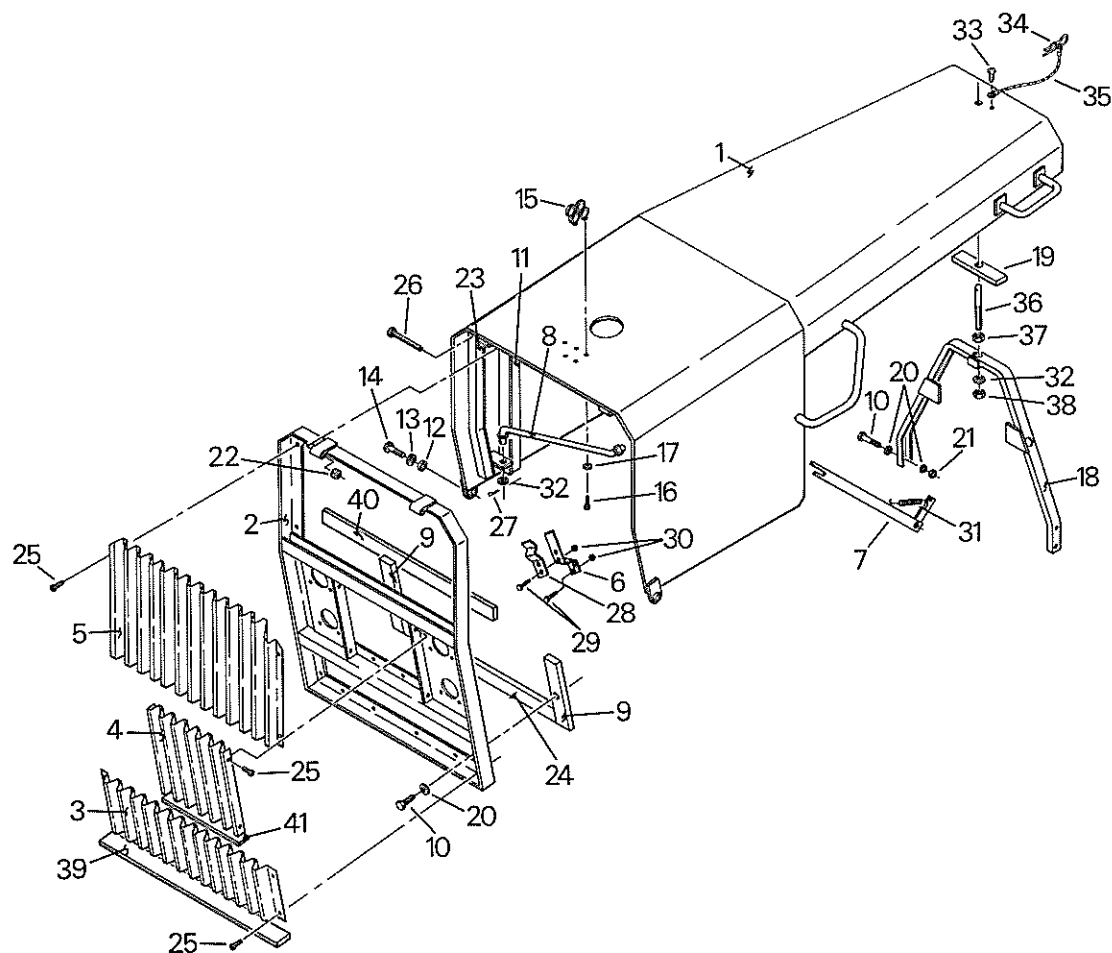
Ref.	Part No.	Description	Qty.
18	NSS	Thrust Bearing	1
19	19-120	Lock Washer	2
20	19-222	Lock Nut	2
21	NSS	Preformed Packing	1
22	NSS	Washer	1
23	90-2758T91	Adjuster Assy (incl Refs. 3, 10, 15 & 28)	1
24	90-2759T91	Brake Chamber Assy (incl Refs. 19, 20, 25, 26, 27 & 29)	1
25	90-2866T91	Clevis Assy (incl Refs. 26 & 27)	1
26	9417948	Clevis Pin	1
27	19-168	Cotter Pin	1
28	19-5559	Flanged Nut	1
29	19-2257	Jam Nut	1
30	90-2837T1	Cap Assy	1
31	90-2925T1	Carrier & Lining	1
32	19-477	Capscrew	4
33	19-5431	Flanged Nut	4
34	90-2868T1	Insulator Kit	AR

Section 6 - Frame

Description	Page
Front Frame	6-1
Hood & Grille	6-2
Center Yoke	6-3
Hanger Bearing & Mounting	6-4
Rear Frame	6-5
Fuel Gauge Sender Assembly	6-6
Drawbar & Mounting	6-7, 6-8
5th Wheel Hitch & Mounting	6-9
Hose Holder & Mounting	6-10



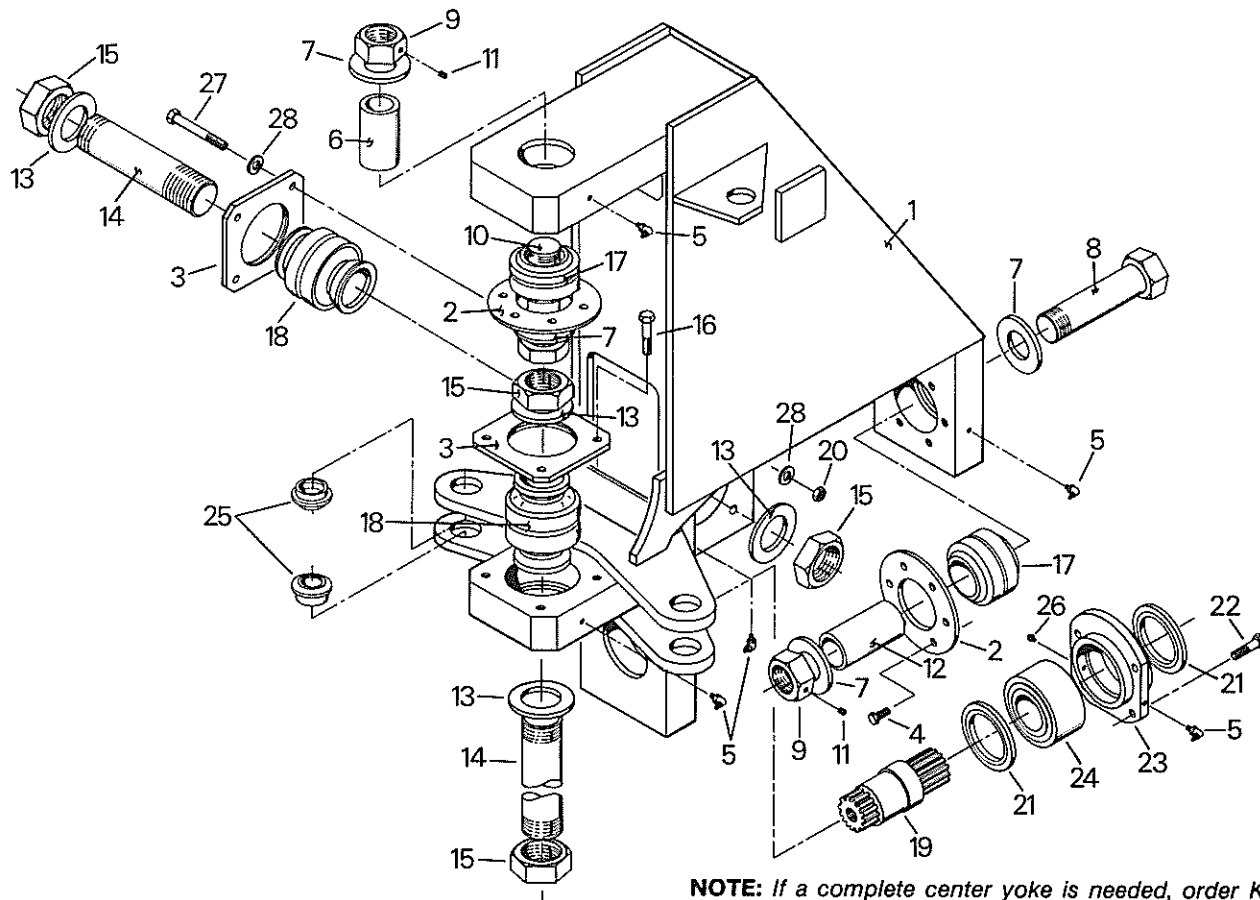
Ref.	Part No.	Description	Qty.
18	19-5739	Washer	2
19	19-5696	Pull Pin	1
20	02-5128T2	Rung Tread	2
21	31-2099	Hose	4
22	19-5980	Lock Nut	8
23	01-3826	Battery Tray	2
24	19-016	Capscrew	4
25	02-4499T1	Molding	1
26	01-1946	Battery Hold Down Rod	6
27	19-803	Wing Nut	6
28	01-4165	Battery Hold Down	2
29	19-700	Washer	6
30	19-131	Tapping Screw (not used on later models)	8
31	22-832	Reflector (B) (mounted with Ref. 30)	4
	22-832T1	Reflector (B) (stick-on mount)	



Hood & Grille

Ref.	Part No.	Description	Qty.
1	70-2179T3	Hood	1
2	70-2180T2	Grille Frame	1
3	70-2176T1	Grille Screen	1
4	70-2175T1	Grille Screen	1
5	70-2177T2	Grille Screen	1
6	70-2285T1	Bracket	1
7	70-2252T1	Hood Support	1
8	70-2256T1	Grille Rod	1
9	70-2248T1	Foam Pad	2
10	19-017	Capscrew	6
11	70-2246T1	Foam	1
12	47-4466	Spacer	2
13	19-109	Washer	4
14	19-043	Capscrew	2
15	01-549	Hood Sight	1
16	19-417	Capscrew	2
17	19-223	Washer	2
18	01-3783	Hood Rest	1
19	01-4073	Foam Pad	1
20	19-107	Washer	10
21	19-087	Lock Nut	4

Ref.	Part No.	Description	Qty.
22	19-545	Set Collar	2
23	02-3164T1	Foam	1
24	01-6852	Foam Pad	1
25	19-958	Tapping Screw	24
26	19-881	Clevis Pin	2
27	19-658	Cotter Pin	1
28	01-1658	Door Latch Spring	1
29	19-002	Capscrew	4
30	19-1081	Lock Nut	4
31	11-016	Spring	1
32-38	01-545	Hood Latch Assy	1
32	19-463	Washer	2
33	19-5620	Tapping Screw	1
34	19-5768	Clip Pin	1
35	02-4120T1	Lanyard Cable	1
36	02-4121T1	Pin	1
37	19-093	Nut	1
38	22-368	Lock Nut	1
39	70-2546T1	Foam	2
40	70-2544T1	Foam	2
41	70-2545T1	Foam	2



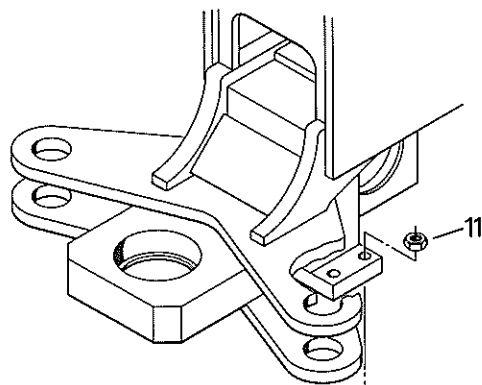
***NOTE:** These items will be different when the later style hanger bearing shown on the following page is used.

NOTE: If a complete center yoke is needed, order Kit P/N 35-1575T91 which incl all the items (except those marked with an asterisk (*)) shown on this page and the later style hanger bearing as shown on page 6-4.

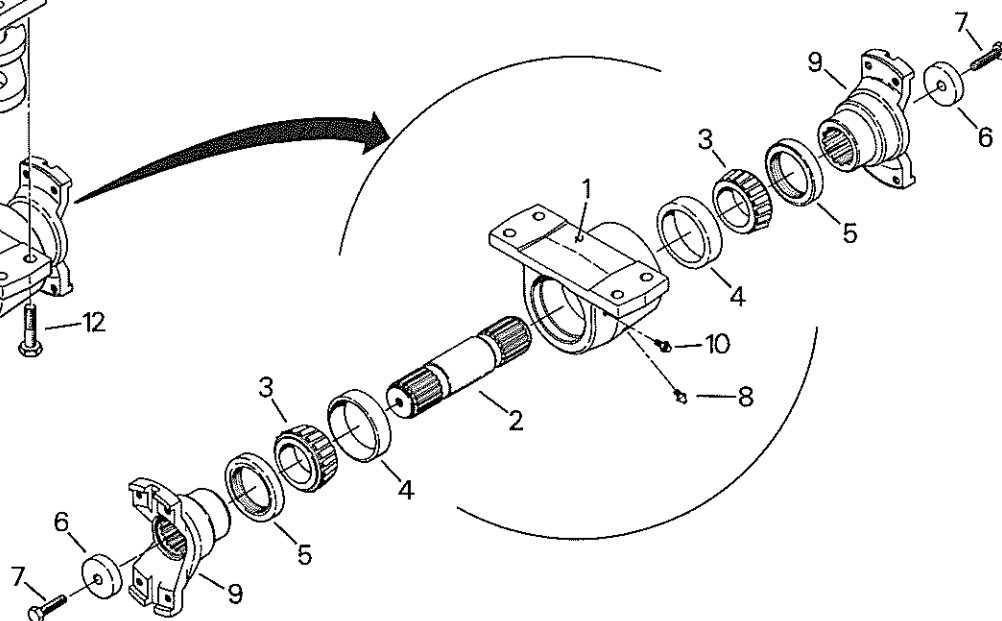
Center Yoke

Ref.	Part No.	Description	Qty.
1	70-2622T93	Center Yoke Assy (see Note) (incl Ref. 25)	2
2	42-003	Retaining Ring	2
3	70-4103T1	Retaining Ring (01-3868T1 - Code F)	2
4	19-017	Capscrew	12
5	31-093	Lube Fitting	5
6	01-4163	Spacer	1
7	01-4088	Washer	4
8	01-4087	King Pin	1
9	02-017	Nut	2
10	52-070	King Pin	1
11	19-219	Set Screw	2
12	01-3435	Spacer	1
13	01-3966	Washer	4

Ref.	Part No.	Description	Qty.
14	01-3967	King Pin	2
15	01-3968	Nut	4
16	19-045	Capscrew	4
17	15-040	Uniball	2
18	01-3965	Uniball	2
19	01-3419	Shaft*	1
20	19-826	Nut	4
21	14-153	Seal*	2
22	19-044	Capscrew*	4
23	01-3418	Seal Housing*	1
24	01-3430	Bearing*	1
25	52-130	Bushing	4
26	178779	Relief Fitting*	1
27	186659	Capscrew	4
28	19-5801	Washer	8



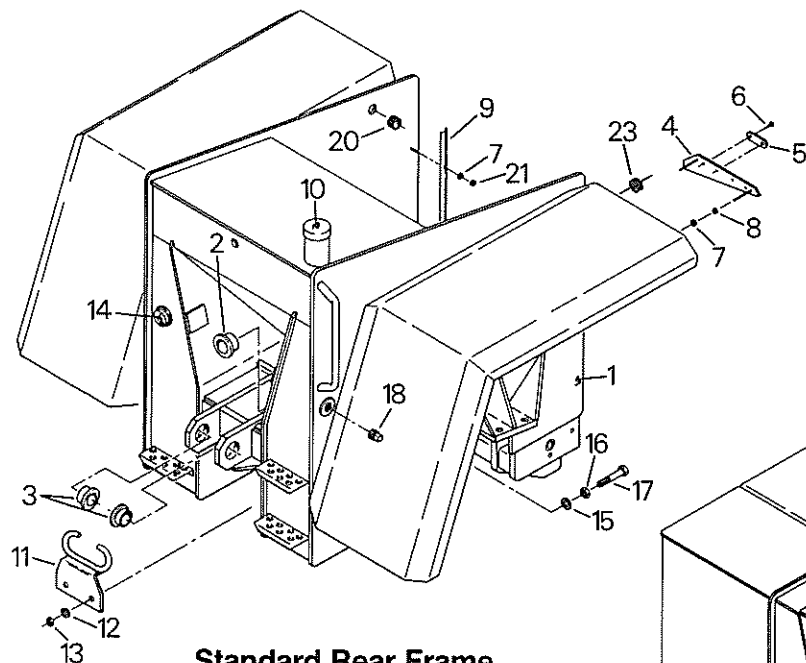
NOTE: This later style hanger bearing is used only with Center Yoke P/N 70-2622T93. See the note on the preceding page for further information.



Hanger Bearing & Mounting

Ref.	Part No.	Description	Qty.
1-10	90-3505T91	Hanger Bearing Assy	1
1	90-3506T1	Housing	1
2	90-1930T1	Shaft	1
3	90-1862T1	Bearing Cone	2
4	90-1322T1	Bearing Cup	2
5	90-1934T2	Seal (90-1934T1 - Code B)	2
6	19-5864	Washer	2

Ref.	Part No.	Description	Qty.
7	19-1106	Capscrew	2
8	31-094	Lube Fitting	1
9	90-2687T1	Yoke	2
10	178779	Relief Fitting (not used on later models)	2
11	9419145	Nut	4
12	9419163	Capscrew	4



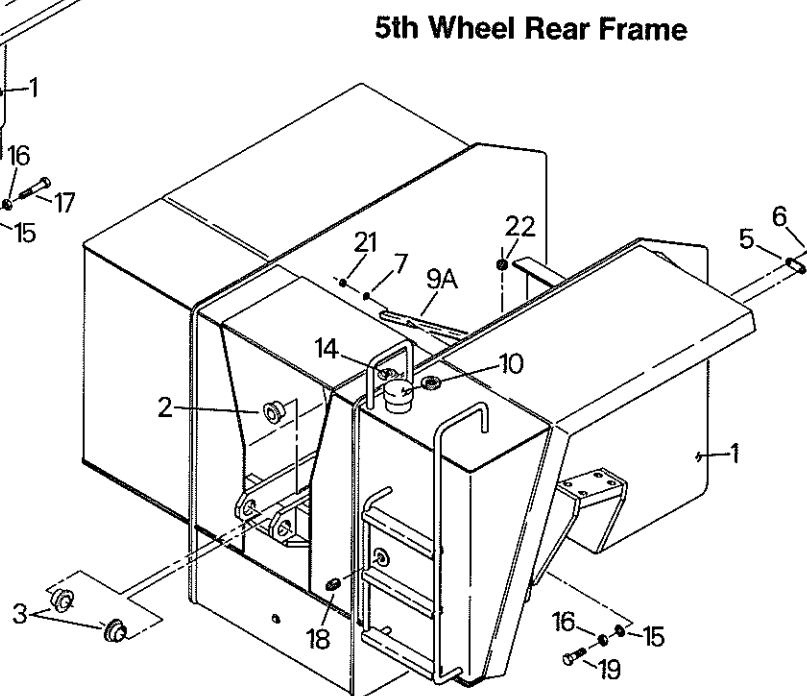
Standard Rear Frame

Usage Codes

*Standard Rear Frame

**5th Wheel Rear Frame

NOTE: The T2 versions of Ref. 4 will replace the T1 versions under a code B supersession; however, the mounting holes for the reflectors must be drilled in them as the T2 version no longer has these holes.

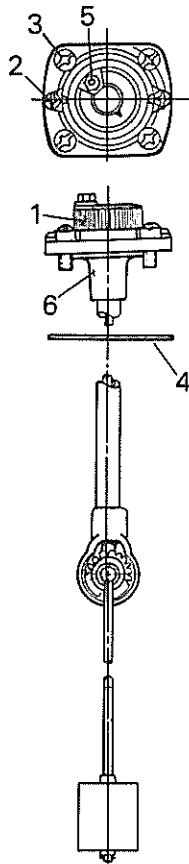


5th Wheel Rear Frame

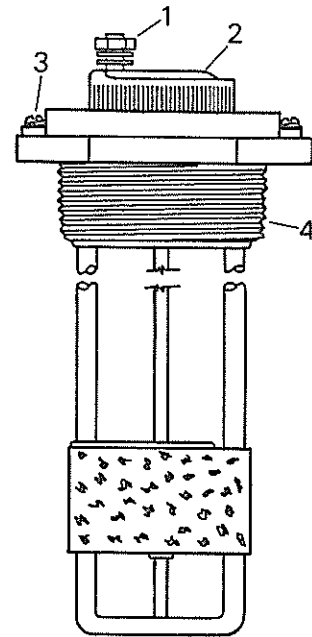
Rear Frame

Ref.	Part No.	Description	Qty.
1		Rear Frame (special order item)	1
2	01-3206	Bushing	2
3	01-3884	Bushing	2
4	70-2383T2	Wire Cover (Left) (see Note) (70-2383T1 - Code B)	1
	70-2310T2	Wire Cover (Right) (see Note) (70-2310T1 - Code B)	
5	01-2655	Reflector (B) (mounted with Ref. 6)	4
	01-2655T1	Reflector (B) (stick-on mount)	
6	19-131	Tapping Screw (not used on later models)	8
7	19-223	Washer (qty 4 with **)	12
8	19-076	Nut	8
9	51-366	Wire Guard	2
9A	02-6773T2	Wire Guard	1

Ref.	Part No.	Description	Qty.
10	01-4853	Fuel Cap (Standard)	1
	02-6604T91	Fuel Cap (Locking)	
11	01-6254	Driveshaft Shield	1
12	19-109	Washer	2
13	19-081	Nut	2
14		Fuel Gauge Sender Assy (see Page 6-6)	1
15	19-5739	Washer (qty 2 with **)	4
16	274991	Nut (qty 2 with **)	4
17	19-5824	Capscrew	2
18	31-532	Pipe Plug (qty 2 with **)	1
19	19-070	Capscrew	2
20	22-288	Grommet	2
21	19-291	Lock Nut	4
22	64-162	Grommet	2
23	22-095	Grommet	2



Standard Rear Frame



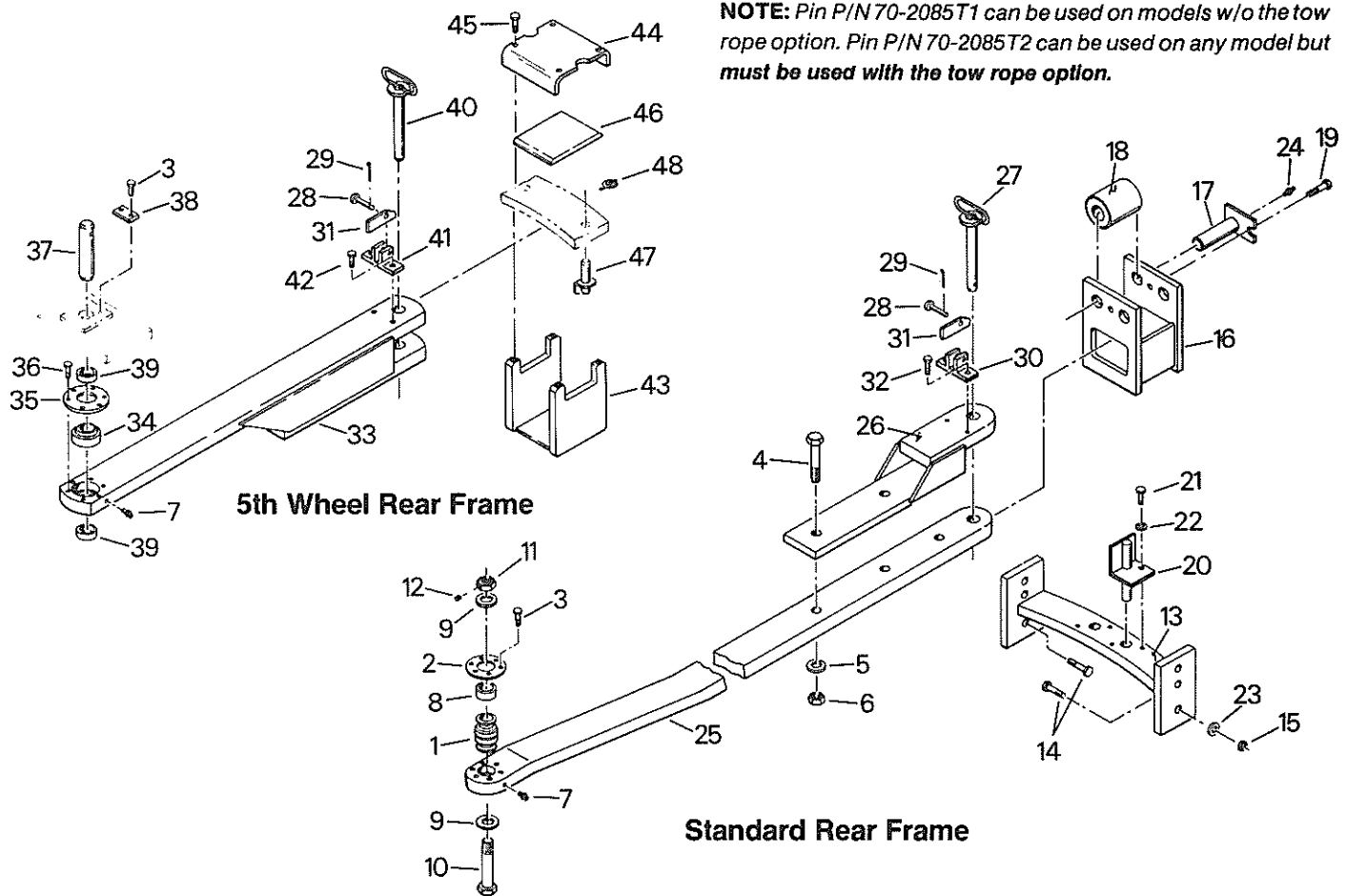
5th Wheel Rear Frame

Fuel Gauge Sender Assembly

Ref.	Part No.	Description	Qty.
1-6	01-8352T91	Fuel Gauge Sender Assy (Standard Rear Frame)	1
1	20-1379T1	Dial	1
2	159229	Machine Screw	2
3	19-5814	Machine Screw	4
4	20-1380T1	Gasket	1
5	19-308	Nut	2
6	NSS	Sender Assy	1

Ref.	Part No.	Description	Qty.
1-4	02-4465T91	Fuel Gauge Sender Assy (5th Wheel Rear Frame)	1
1	19-308	Nut	1
2	20-1379T1	Dial	1
3	159229	Machine Screw	2
4	NSS	Sender Assy	1

NOTE: Pin P/N 70-2085T1 can be used on models w/o the tow rope option. Pin P/N 70-2085T2 can be used on any model but **must be used with the tow rope option.**

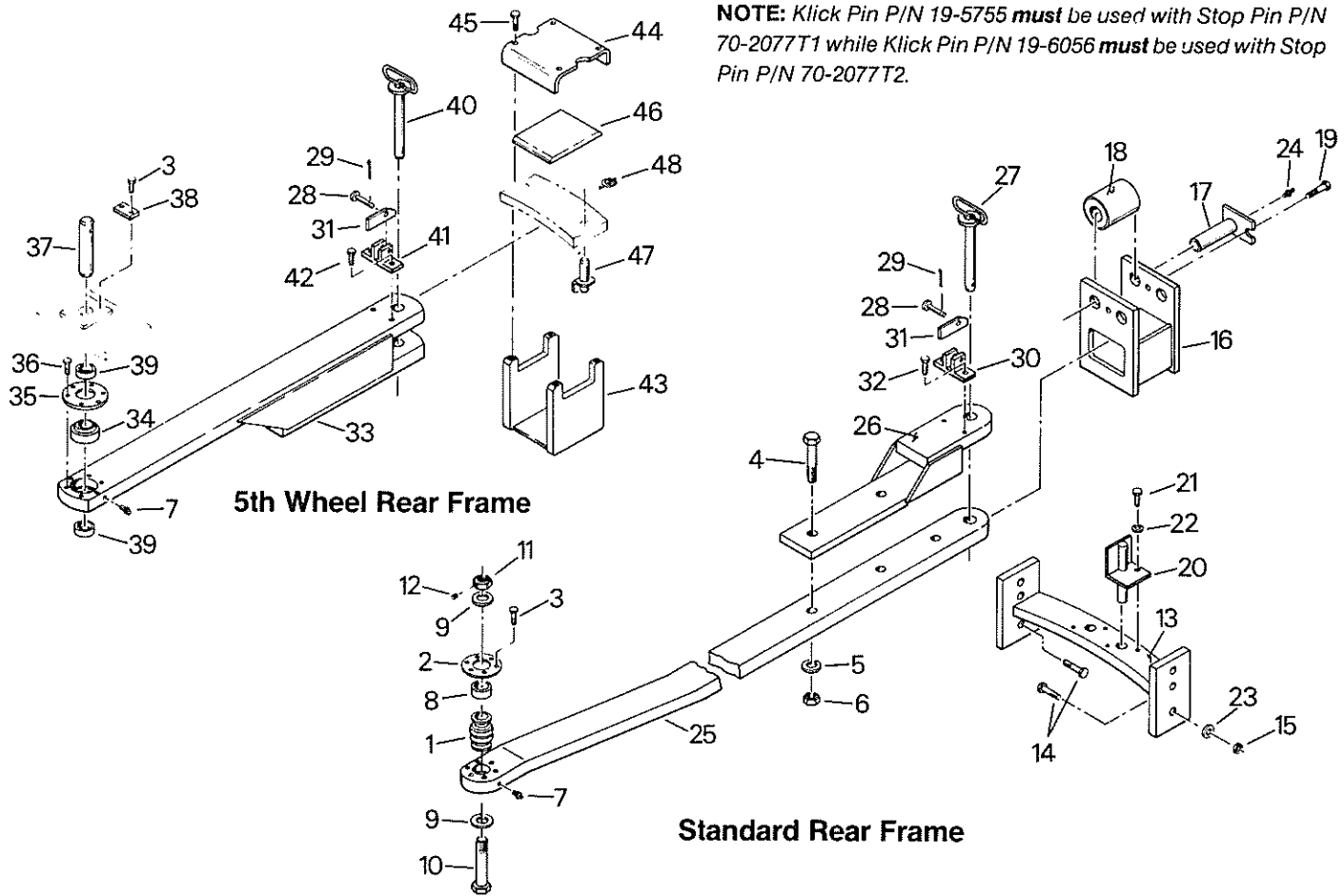


Drawbar & Mounting

Ref.	Part No.	Description	Qty.
1	15-045	Uniball	1
2	02-010	Retaining Ring	1
3	19-017	Capscrew (qty 2 with 5th Wheel Drawbar)	6
4	19-5389	Capscrew	3
5	19-114	Washer	3
6	19-784	Nut	3
7	31-093	Lube Fitting	1
8	01-4089	Spacer	1
9	01-4088	Washer	2
10	01-4087	King Pin	1
11	02-017	Nut	1
12	19-219	Set Screw	1
13	01-4284	Drawbar Hanger	1
14	19-216	Capscrew (w/o 3-Pt Hitch)	4
	19-767	Capscrew (with 3-Pt Hitch)	
15	19-085	Lock Nut (w/o 3-Pt Hitch only)	4
16	01-4290	Roller Hanger	1
17	01-4288	Roller Pin	2
18	01-4285	Roller	2

Ref.	Part No.	Description	Qty.
19	19-5682	Capscrew	1
20	01-4918	Pin Stop	2
21	19-016	Capscrew	2
22	19-107	Washer	2
23	19-112	Washer (w/o 3-Pt Hitch only)	4
24	31-094	Lube Fitting	2
25	70-1789T1	Drawbar	1
26	70-1788T1	Clevis	1
27	01-4896	Pin	1
28	42-102	Clevis Pin	1
29	19-168	Cotter Pin	1
30	01-4908	Latch Pivot	1
31	01-4906	Latch	1
32	19-059	Capscrew	2
33	70-2087T1	Drawbar	1
34	15-007	Uniball	1
35	70-1428T1	Retaining Ring	1
36	19-1108	Capscrew	6
37	70-2085T2	Pin (70-2085T1 - Code B) (see Note)	1

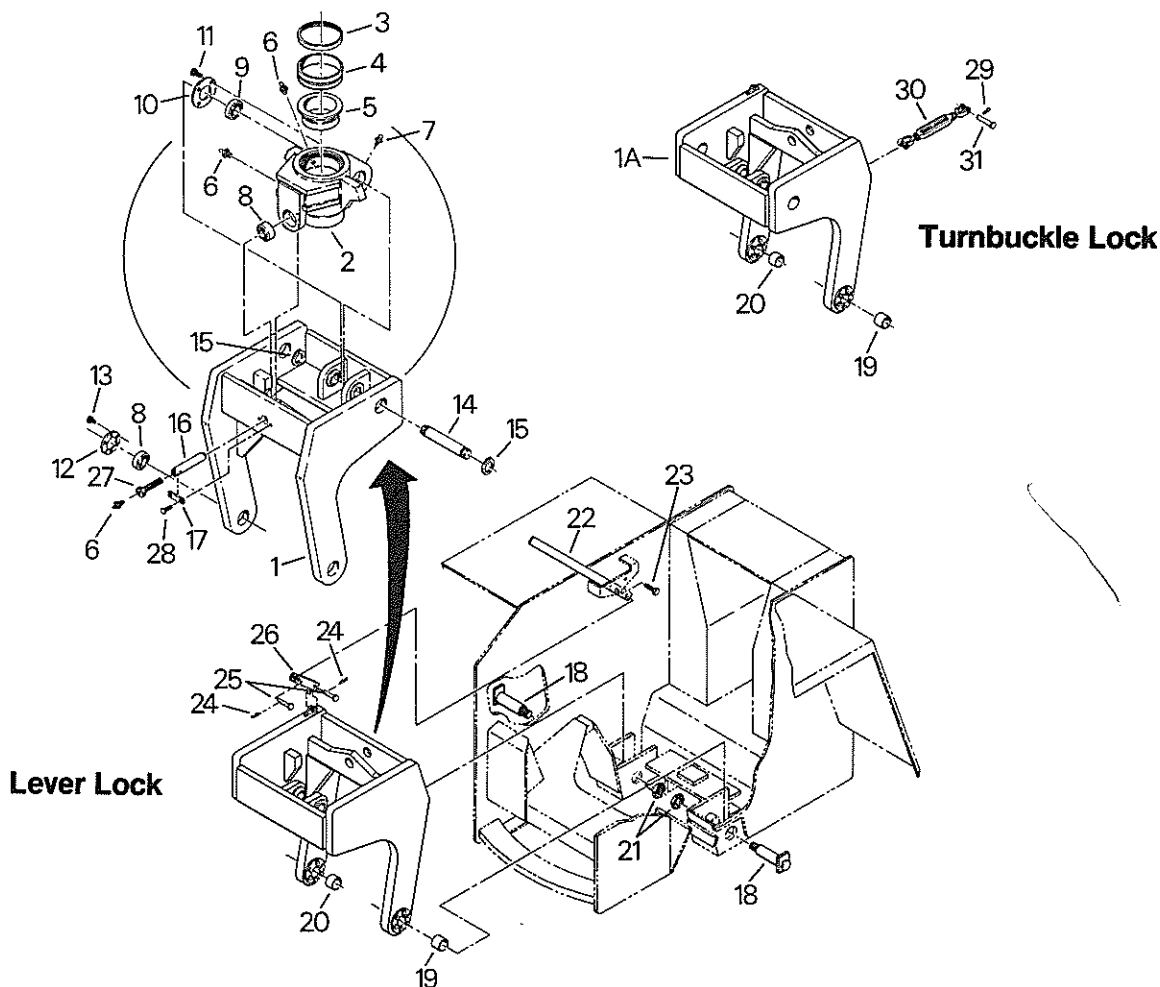
NOTE: Klick Pin P/N 19-5755 **must** be used with Stop Pin P/N 70-2077T1 while Klick Pin P/N 19-6056 **must** be used with Stop Pin P/N 70-2077T2.



Drawbar & Mounting

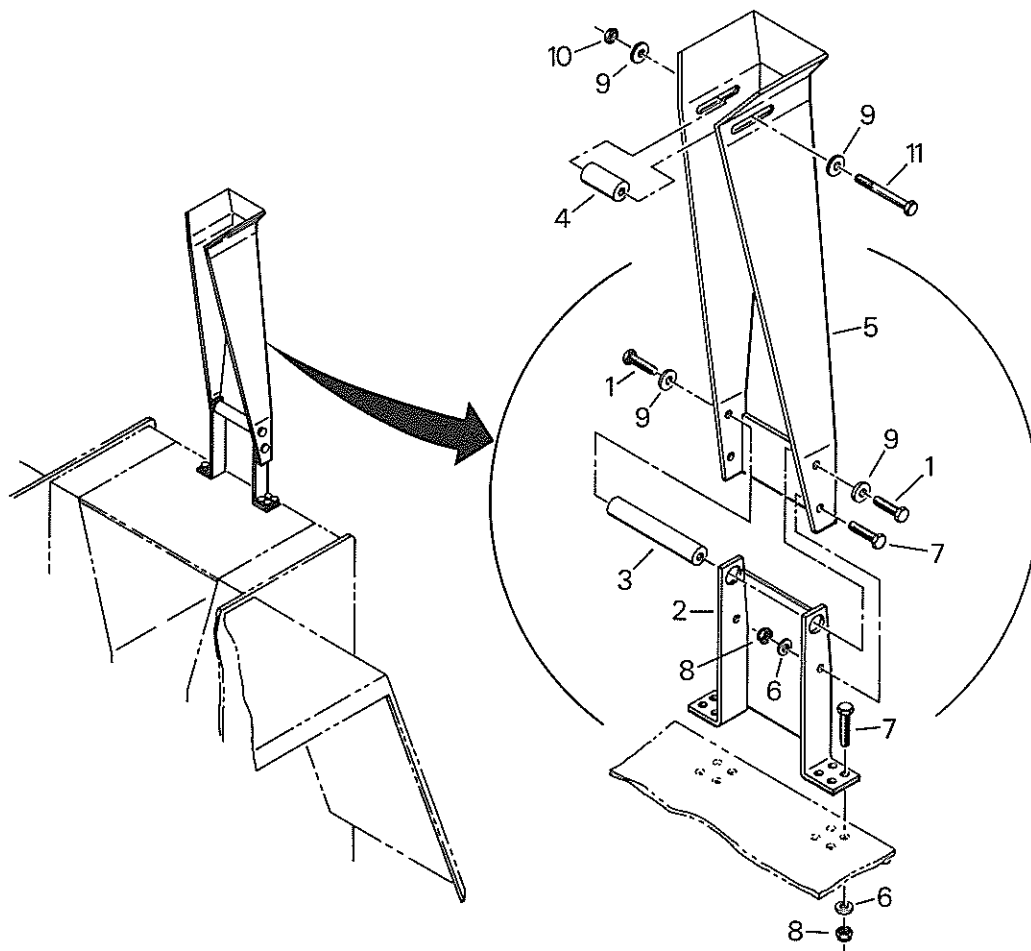
Ref.	Part No.	Description	Qty.
38	02-2438T2	Retainer Block	1
39	70-2086T1	Spacer	2
40	70-1735T1	Pin	1
41	70-1737T1	Latch Pivot	1
42	19-045	Capscrew	2
43	70-2088T1	Drawbar Hander	1
44	70-2081T1	Plate	1

Ref.	Part No.	Description	Qty.
45	19-822	Capscrew	4
46	70-2080T1	Slide Plate	1
47	70-2077T1	Stop Pin (1/4" hole) (see Note)	2
	70-2077T2	Stop Pin (15/32" hole)	
48	19-5755	Klick Pin (1/4") (see Note)	2
	19-6056	Klick Pin (7/16")	



5th Wheel Hitch & Mounting

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	02-4402T2	Yoke (Lever Lock) (D)	1	16	02-4376T2	Pin (02-4376T1 - Code E)	1
1A	02-4402T3	Yoke (Turnbuckle Lock) (D)	1	17	70-1910T1	Retainer	1
2-11	02-6786T91	Oscillation Joint Assy	1	18	02-4409T1	Pin	2
2	02-4379T1	Joint	1	19	02-4406T1	Spacer	1
3	02-4387T1	Seal	1	20	02-4405T1	Spacer	1
4	02-4385T1	Bearing	1	21	19-648	Jam Nut	2
5	02-4386T1	Bearing	1	22	70-2616T1	Lever	1
6	31-094	Lube Fitting	6	23	19-766	Capscrew	2
7	31-093	Lube Fitting	1	24	19-5400	Hair Pin	2
8	15-040	Uniball	3	25	19-142	Clevis Pin	2
9	02-4404T1	Spherical Bearing	1	26	70-2662T1	Arm	1
10	02-4377T1	Retaining Ring	1	27	02-7127T1	Machined Capscrew	1
11	19-043	Capscrew	4	28	19-1108	Capscrew	2
12	42-003	Retaining Ring	2	29	19-5399	Hair Pin	2
13	19-016	Capscrew	12	30	02-7169T1	Turnbuckle	1
14	02-4366T1	Pin	1	31	19-6148	Clevis Pin	2
15	19-5799	Snap Ring	2				



Hose Holder & Mounting

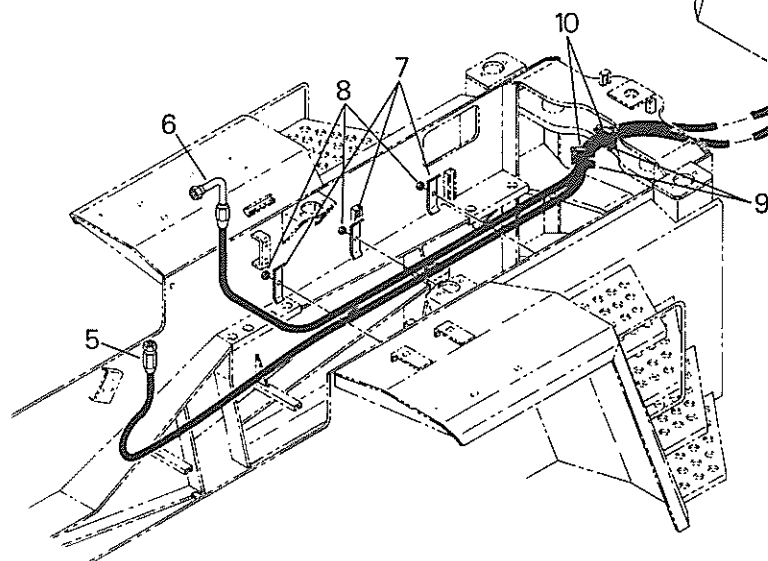
Ref.	Part No.	Description	Qty.
1	19-043	Capscrew	2
2	70-2631T1	Bracket	1
3	70-2630T1	Shaft	1
4	70-2629T1	Tube	1
5	70-2624T1	Support	1
6	19-107	Washer	10

Ref.	Part No.	Description	Qty.
7	19-018	Capscrew	10
8	19-078	Nut	10
9	19-109	Washer	4
10	19-081	Nut	1
11	19-743	Capscrew	1

Section 7 - Fuel

Description	Page
Fuel System (Cummins 855 Engine)	7-1
Fuel System (Cat 3406 Engine - Early Style)	7-2
Fuel System (Cat 3406 Engine - Later Style)	7-3

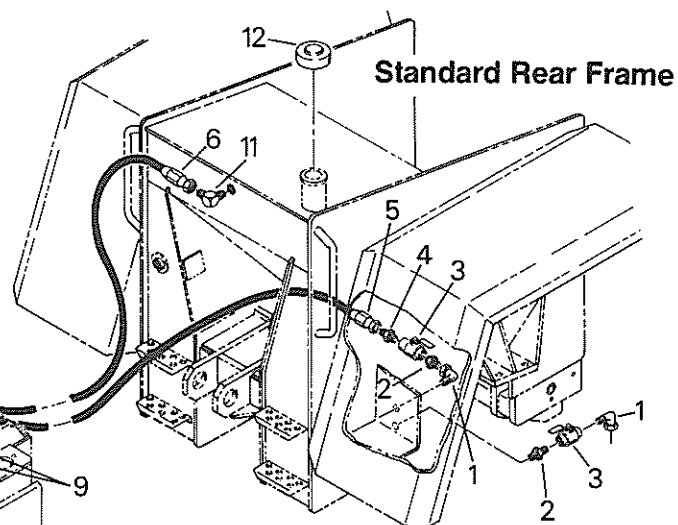
NOTE: The difference between the 5th Wheel Rear Frame and Standard Rear Frame is in the fuel drain system. The 5th Wheel Rear Frame uses a drain plug (Ref. 13) whereas the Standard Rear Frame uses a shutoff valve (Ref. 3). The rest of the fuel system is the same for both rear frames.



Usage Codes

*Standard Rear Frame

**5th Wheel Rear Frame



5th Wheel Rear Frame

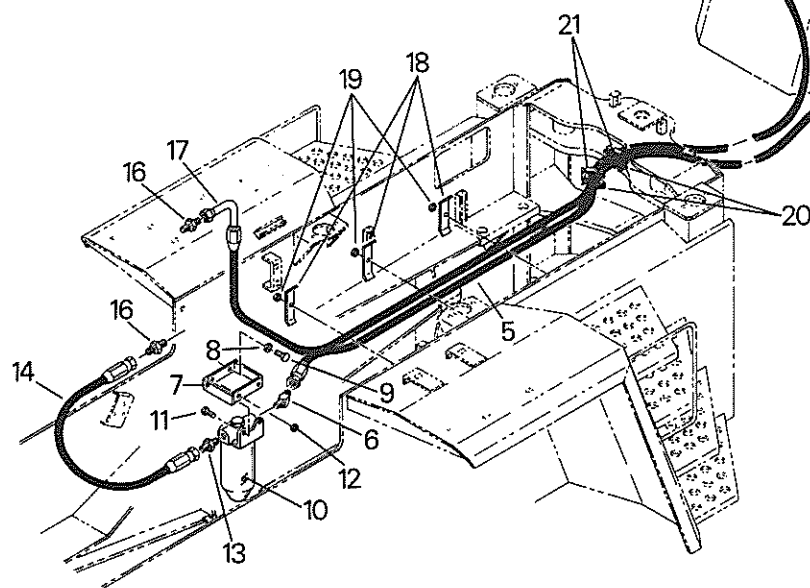
Fuel System (Cummins 855 Engine)

Ref.	Part No.	Description	Qty.
1	31-020	Street Elbow (qty 1 with **)	2
2	31-345	Nipple (qty 1 with **)	2
3	31-1267	Ball Valve (qty 1 with **)	2
4	31-449	Connector	1
5	31-1884	Hose	1
6	31-1883	Hose	1
7	32-1000	Clamp	3
8	19-1081	Lock Nut	3

Ref.	Part No.	Description	Qty.
9	31-1187	Clamp Assy	2
10	31-1212	Clamp Assy	2
11	31-321	Elbow	1
12	01-4853	Fuel Cap (Standard)	1
	02-6604T91	Fuel Cap (Locking)	1
13	31-035	Pipe Plug**	1
14	19-078	Nut** (later models only)	1
15	32-302	Clamp** (later models only)	1

NOTE: The difference between the 5th Wheel Rear Frame and Standard Rear Frame is in the fuel drain system. The 5th Wheel Rear Frame uses a drain plug (Ref. 23) whereas the Standard Rear Frame uses a shutoff valve (Ref. 3). The rest of the fuel system is the same for both rear frames.

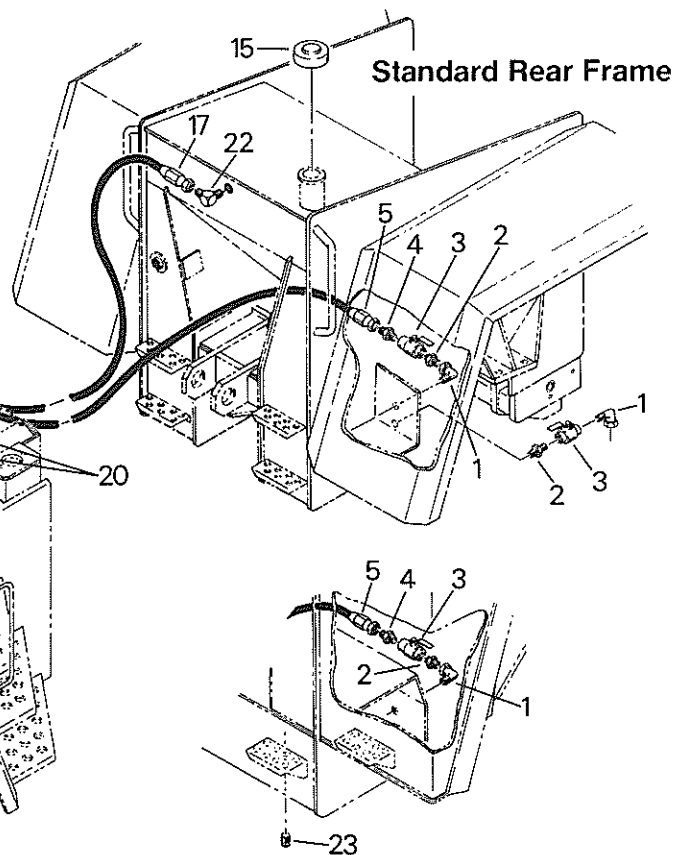
**Used before S/N 3001*



Usage Codes

**Standard Rear Frame

***5th Wheel Rear Frame



5th Wheel Rear Frame

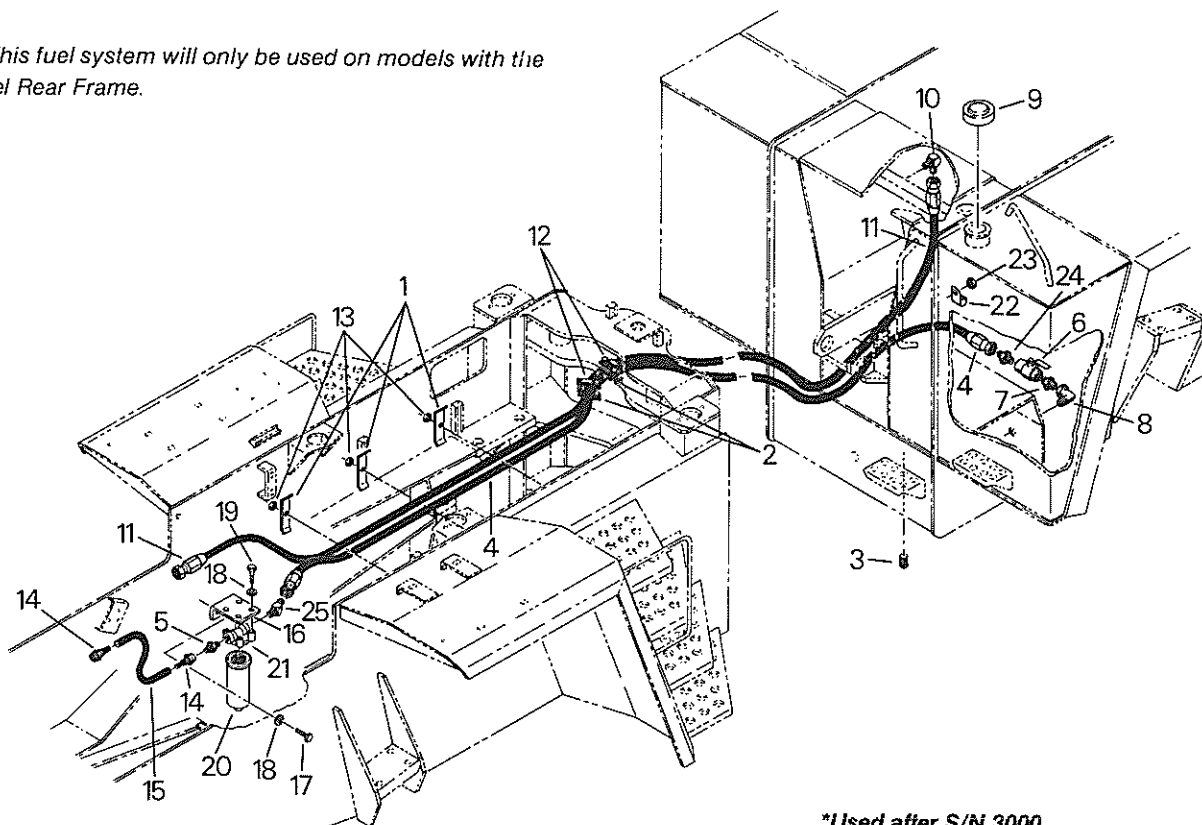
Fuel System

(Cat 3406 Engine - Early Style*)

Ref.	Part No.	Description	Qty.
1	31-020	Street Elbow (qty 1 with ***)	2
2	31-345	Nipple (qty 1 with ***)	2
3	31-1267	Ball Valve (qty 1 with ***)	2
4	31-449	Connector	1
5	31-1885	Hose	1
6	31-1304	Elbow	1
7	90-2386T1	Filter Support	1
8	19-224	Washer	2
9	19-799	Capscrew	2
10	06-1601	Fuel Filter Assy	1
	01-2336	Element	AR
11	19-234	Capscrew	2
12	19-077	Nut	2

Ref.	Part No.	Description	Qty.
13	18-1084	Adapter	1
14	31-2015	Hose	1
15	01-4853	Fuel Cap (Standard)	1
	02-6604T91	Fuel Cap (Locking)	
16	19-1102	Fitting	2
17	31-1886	Hose	1
18	32-1000	Clamp	3
19	19-1081	Lock Nut	3
20	31-1187	Clamp Assy	2
21	31-1212	Clamp Assy	2
22	31-321	Elbow	1
23	31-035	Pipe Plug***	1

NOTE: This fuel system will only be used on models with the 5th Wheel Rear Frame.



**Used after S/N 3000*

Fuel System (Cat 3406 Engine - Later Style*)

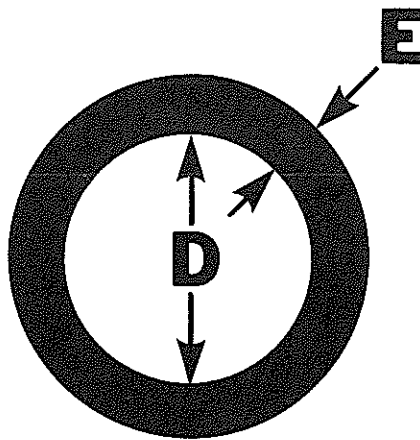
Ref.	Part No.	Description	Qty.
1	32-1000	Clamp	3
2	31-1187	Clamp Assy	2
3	31-035	Pipe Plug	1
4	31-1884	Hose	1
5	31-375	Fitting	1
6	31-1267	Ball Valve	1
7	31-345	Nipple	1
8	31-020	Street Elbow	1
9	01-4853	Fuel Cap (Standard)	1
	02-6604T91	Fuel Cap (Locking)	
10	31-321	Elbow	1
11	31-2428	Hose	1
12	31-1212	Clamp Assy	2

Ref.	Part No.	Description	Qty.
13	19-1081	Lock Nut	3
14	31-311	Barbed Fitting	2
15	31-1306	Hose	1
16	90-3858T1	Filter Bracket	1
17	19-799	Capscrew	2
18	19-117	Lock Washer	6
19	19-017	Capscrew	4
20	90-3941T1	Filter Element	1
21	90-3940T1	Filter Head	1
22	32-302	Clamp	1
23	19-078	Nut	1
24	31-449	Connector	1
25	31-365	Fitting	1

Section 8 - Hydraulics

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NOTE: On various pages throughout this catalog there will be a number in parenthesis behind some of the various elbows, adapters, etc. (example: Elbow (10)). This indicates that the item is an "O-Ring" type fitting and the number in parenthesis is the dash size of the O-Ring that is used with these fittings.

O-Rings

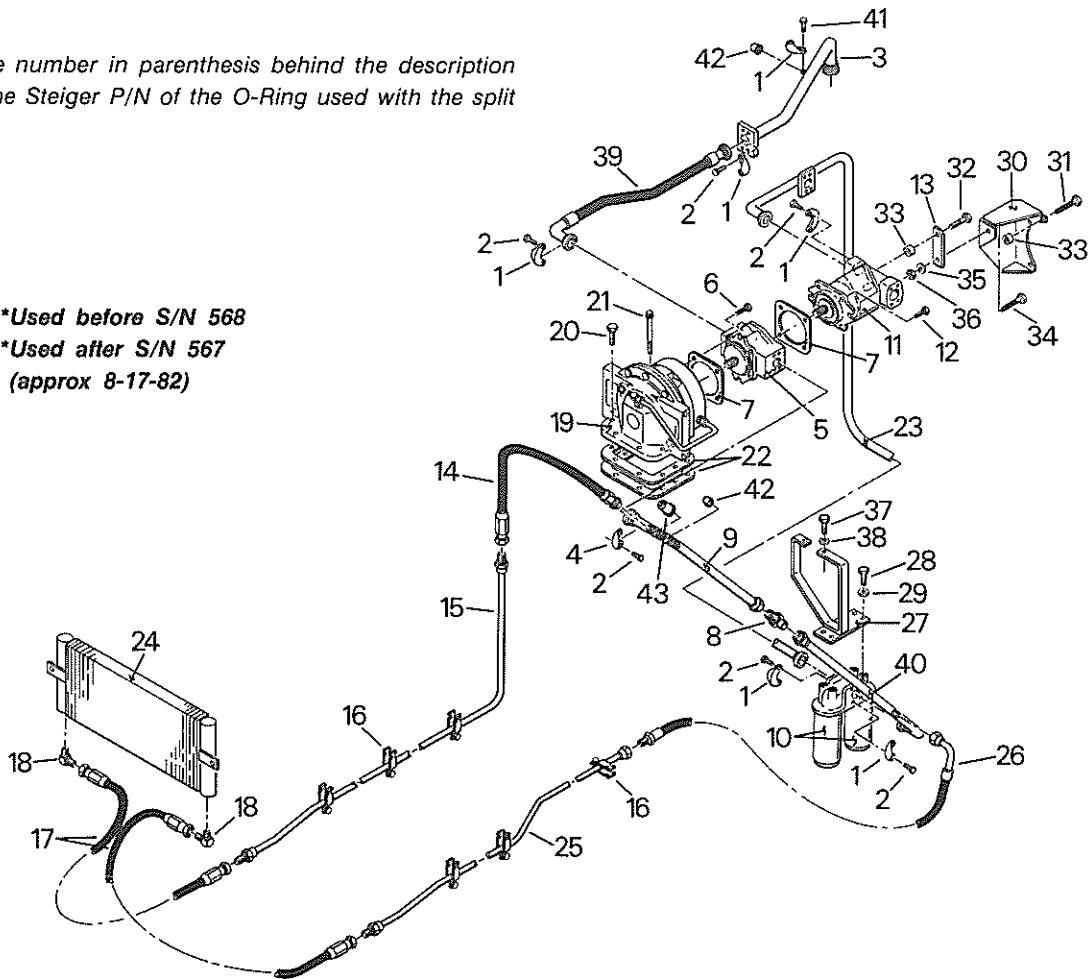
Dash Size	Tube O. D.	Steiger P/N	D	E
4	1/4	31-1019	.351	.072
5	5/16	31-1098	.414	.072
6	3/8	31-1099	.468	.078
8	1/2	31-1335	.644	.087
10	5/8	31-644	.755	.097
12	3/4	31-344	.924	.116
14	7/8	31-1100	1.048	.116
16	1	31-587	1.171	.116
20	1-1/4	31-1101	1.475	.118
24	1-1/2	31-611	1.720	.118
32	2	31-579	2.337	.118

NOTE: The number in parenthesis behind the description indicates the Steiger P/N of the O-Ring used with the split flange.

*Used before S/N 568

**Used after S/N 567

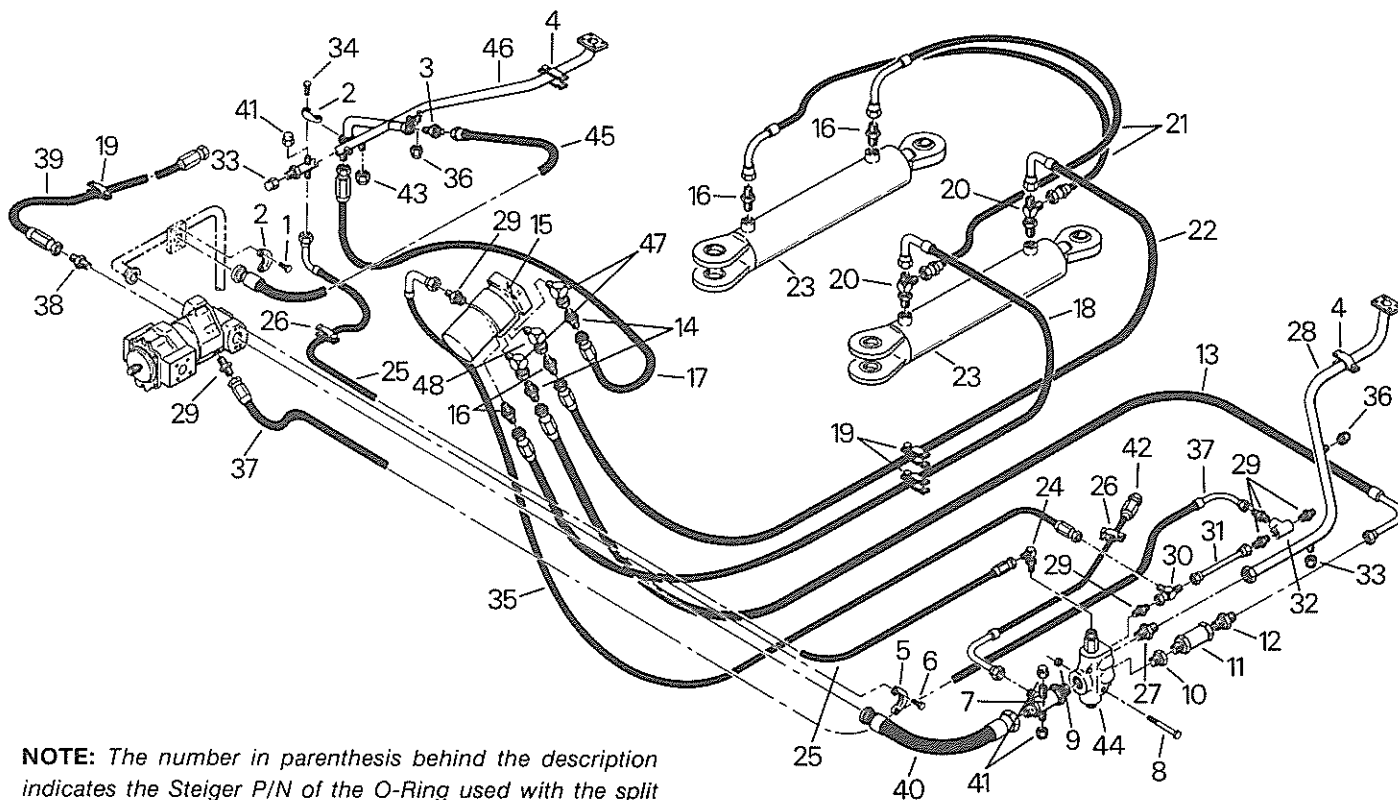
(approx 8-17-82)



Hydraulic System - Pump & Filter

Ref.	Part No.	Description	Qty.
1	31-1220	Split Flange (P/N 31-1219)	12
2	19-045	Capscrew	24
3	50-1431T2	Tube	1
4	31-1911	Split Flange (P/N 31-1328)	2
5		Charge Pump Assy (see Page 8-16)	1
6	19-839	Capscrew (D)*	2
	19-941	Capscrew (D)**	4
7	50-1388T1	Gasket	2
8	31-1777	Check Valve	1
9	50-1506T1	Tube	1
10		Filter Assy (see Page 8-14)	1
11		Hydraulic Pump Assy (see Page 8-17)	1
12	19-1691	12 Pt Socket Head Capscrew	4
13	50-1498T1	Support Strap	1
14	31-1590	Hose	1
15	50-1424T2	Tube	1
16	31-1212	Clamp Assy	6
17	31-1904	Hose	2
18	31-1475	Elbow	2
19		Pump Drive Assy (see Page 8-15)	1
20	19-371	Capscrew	4
21	19-5999	12 Pt Socket Head Capscrew	2

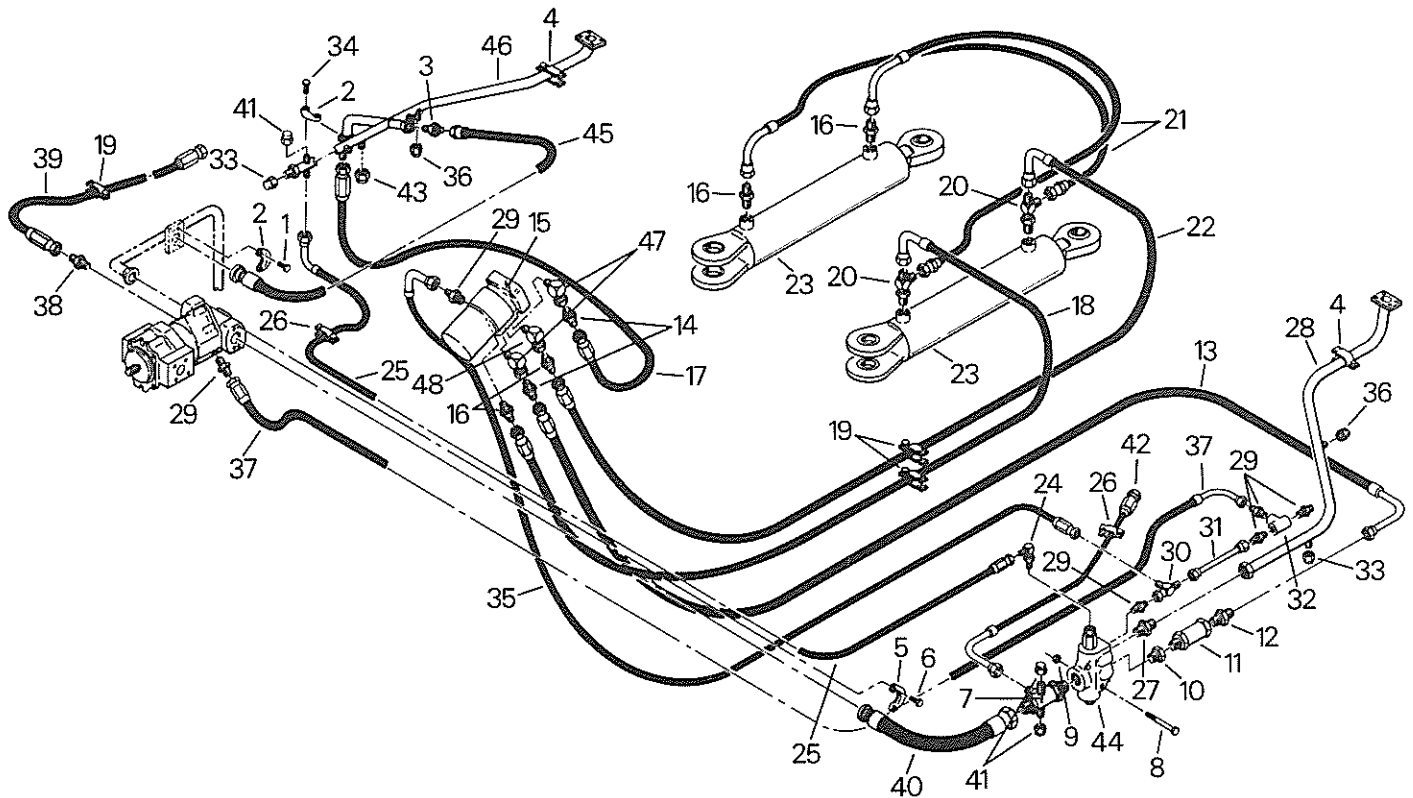
Ref.	Part No.	Description	Qty.
22	90-2678T1	Shim (.010)	AR
	90-2679T1	Shim (.020)	
23	50-1610T1	Tube	1
24	10-039	Oil Cooler	1
25	50-1429T2	Tube	1
26	31-2021	Hose	1
27	50-1611T1	Bracket	1
28	19-017	Capscrew	4
29	19-107	Washer	4
30	50-1495T1	Pump Support Bracket	1
31	19-1258	Capscrew	3
32	19-737	Capscrew	1
33	50-1617T1	Spacer	4
34	19-032	Capscrew	1
35	19-108	Washer	1
36	19-079	Nut	1
37	19-675	Capscrew	2
38	19-111	Washer	2
39	31-2019	Hose	1
40	50-1609T1	Tube	1
41	19-044	Capscrew	4
42	9403369	Cap	2
43	22-680	Press. Switch	1
44	19-135	Ty Rap (not shown)	4



Hydraulic System - Front Frame

Ref.	Part No.	Description	Qty.
1	19-045	Capscrew	4
2	31-1911	Split Flange (P/N 31-1328)	4
3	31-1777	Check Valve	1
4	31-1151	Clamp Assy	2
5	01-3526	Split Flange (P/N 31-1097)	2
6	19-018	Capscrew	4
7	50-1608T2	Tube	1
8	19-483	Capscrew	2
9	19-653	Lock Nut	2
10	31-1926	Adapter (12)	1
11	31-1363	Check Valve	1
12	18-623	Adapter (12)	1
13	32-258	Hose	1
14	31-462	Adapter (8)	2
15		Steering Control Valve Assy (see Page 8-20)	1
16	31-329	Adapter (8)	4
17	31-2023	Hose	1
18	32-186	Hose	1
19	31-1187	Clamp Assy	3

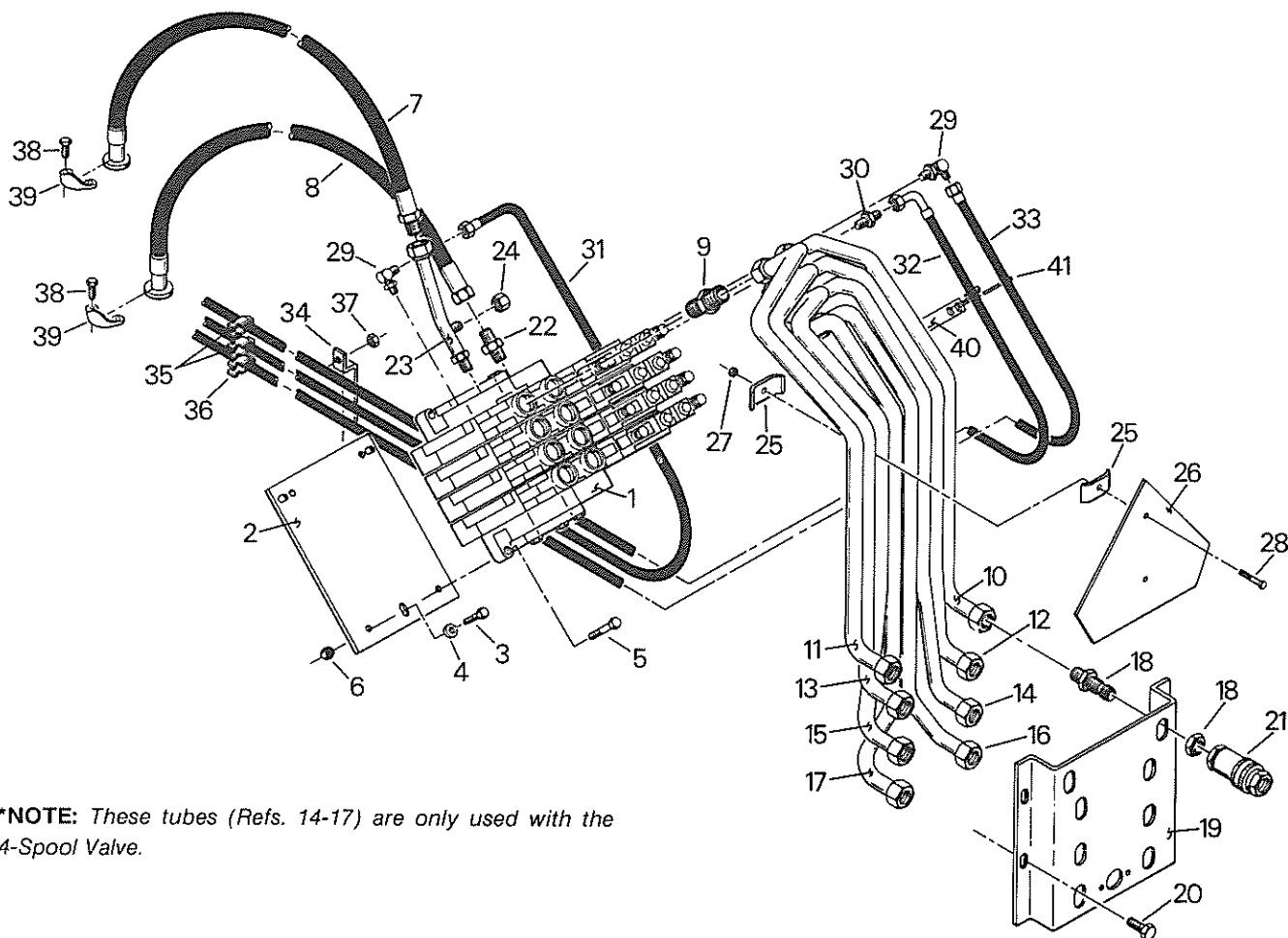
Ref.	Part No.	Description	Qty.
20	31-507	Tee (8)	2
21	32-176	Hose	2
22	31-1419	Hose	1
23		Steering Cylinder Assy (see Page 8-21)	2
24	18-1538	Elbow (4)	1
25	31-2014	Hose	1
26	31-1244	Clamp Assy	2
27	31-420	Adapter (20)	1
28	50-1474T4	Tube (50-1474T3 - Code C)	1
29	31-1751	Adapter (4)	6
30	31-1757	Tee	1
31	50-1503T2	Tube	1
32	31-1778	Shuttle Valve	1
33	31-2135	Cap	2
34	19-044	Capscrew	4
35	31-2024	Hose	1
36	9403371	Cap	3
37	31-2013	Hose	1
38	31-369	Fitting	1



Hydraulic System - Front Frame

Ref.	Part No.	Description	Qty.
39	31-2320	Hose	1
40	31-1901	Hose	1
41	9403369	Cap	3
42	31-2137	Hose	1
43	9403373	Cap	1
44		Priority Valve Assy (see Page 8-19)	1

Ref.	Part No.	Description	Qty.
45	31-2022	Hose	1
46	50-1430T5	Tube (50-1430T4 - Code C)	1
47	01-2056	Elbow	2
48	18-574	Elbow	1
49	19-135	Ty Rap (not shown)	2

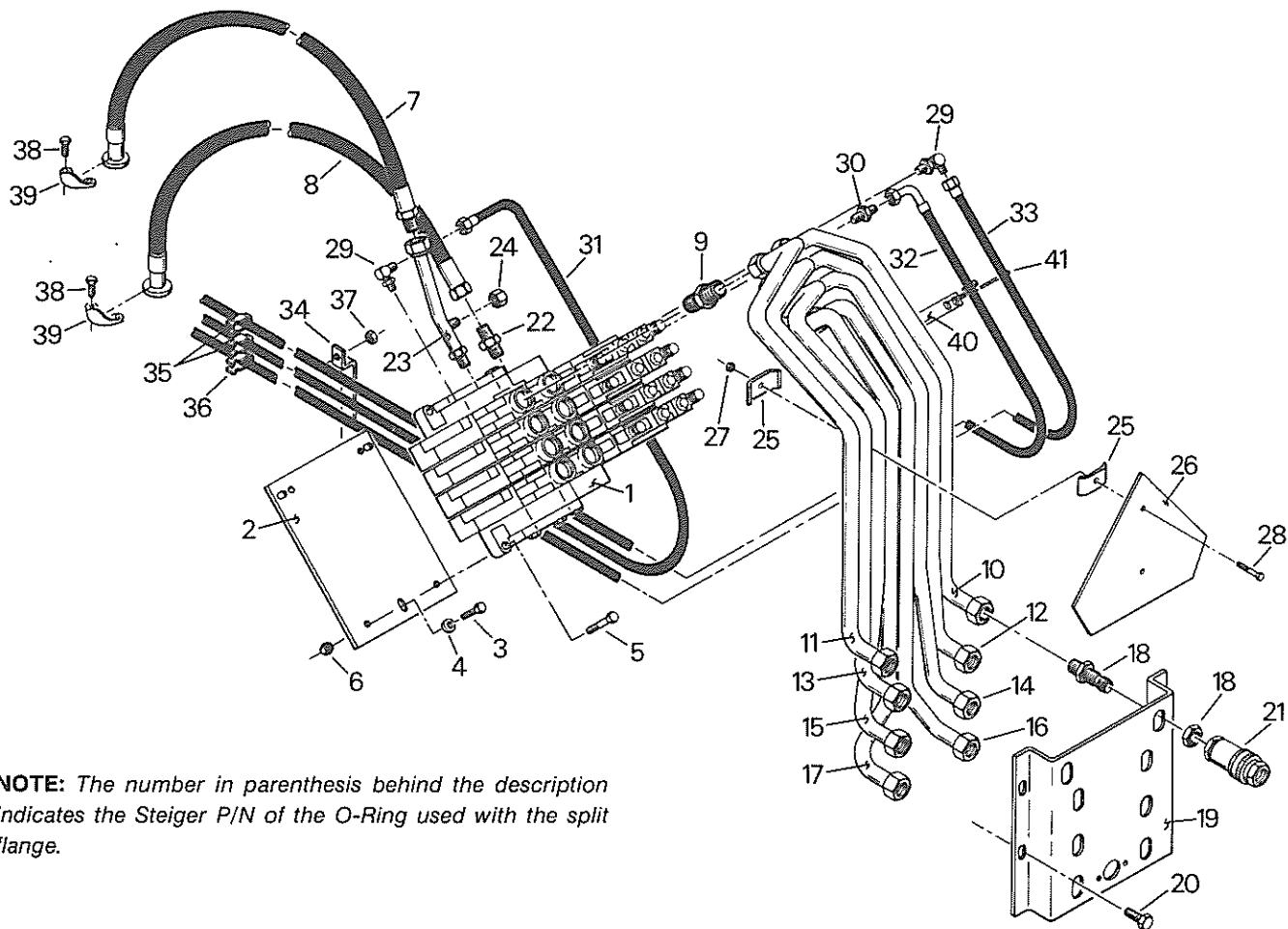


***NOTE:** These tubes (Refs. 14-17) are only used with the 4-Spool Valve.

Hydraulic System - Standard Rear Frame (without 3-Pt Hitch)

Ref.	Part No.	Description	Qty.
1		Hydraulic Valve Assy (see Page 8-22)	1
2	70-2284T2	Mounting Plate	1
3	19-723	Capscrew	3
4	19-700	Washer	3
5	19-019	Capscrew	3
6	19-087	Lock Nut	3
7	31-2134	Hose	1
8	31-2133	Hose	1
9	31-369	Adapter (16) (qty 4 with 2-Spool Valve)	8
10	50-1573T1	Tube	1
11	50-1574T1	Tube	1
12	50-1575T1	Tube	1
13	50-1576T1	Tube	1
14	50-1577T1	Tube*	1
15	50-1578T1	Tube*	1
16	50-1579T1	Tube*	1
17	50-1580T1	Tube*	1

Ref.	Part No.	Description	Qty.
18	31-1018	Bulkhead Fitting (16) (qty 4 with 2-Spool Valve)	8
19	50-1589T2	Coupler Mounting Plate	1
20	19-5889	Capscrew	4
21	50-1590T91	Coupler Assy (incl following two items) (qty 4 with 2-Spool Valve)	8
	50-1626T1	Coupler (Female end)	1
	50-1627T1	Nipple (Male end)	1
22	01-4144	Adapter (16)	1
23	50-1591T2	Tube	1
24	9403373	Cap	1
25	70-2380T3	SMV Bracket	4
26	26-001	SMV Emblem Plate	1
27	19-567	Nut	2
28	19-451	Machine Screw	2
29	31-1753	Elbow (4)	2
30	18-1539	Adapter (4)	1
31	31-2145	Hose	1

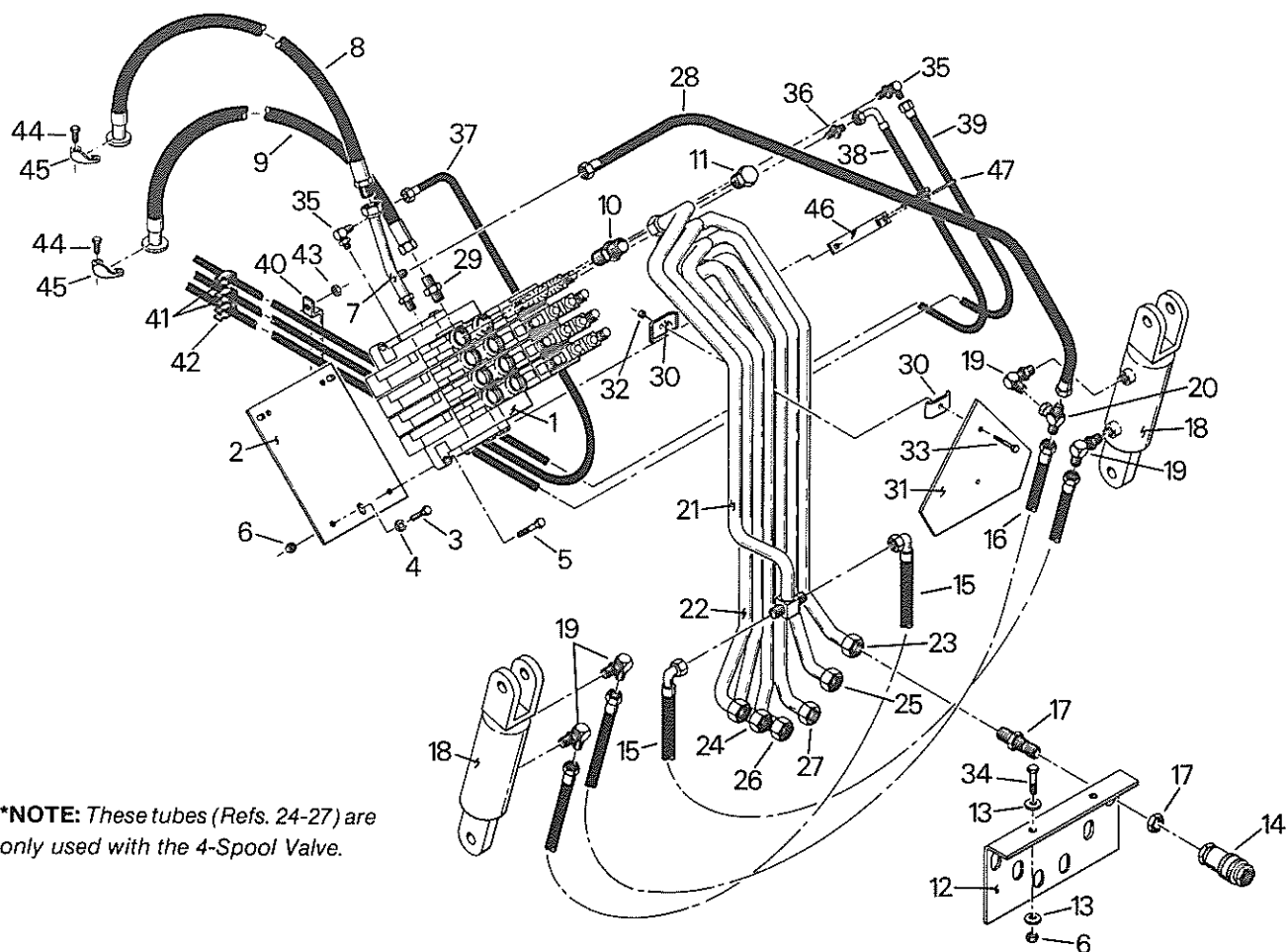


NOTE: The number in parenthesis behind the description indicates the Steiger P/N of the O-Ring used with the split flange.

Hydraulic System - Standard Rear Frame (without 3-Pt Hitch)

Ref.	Part No.	Description	Qty.
32	31-2061	Hose	1
33	31-2062	Hose	1
34	50-1501T1	Clamp	1
35	31-1212	Clamp Assy	3
36	31-1368	Clamp Assy	2

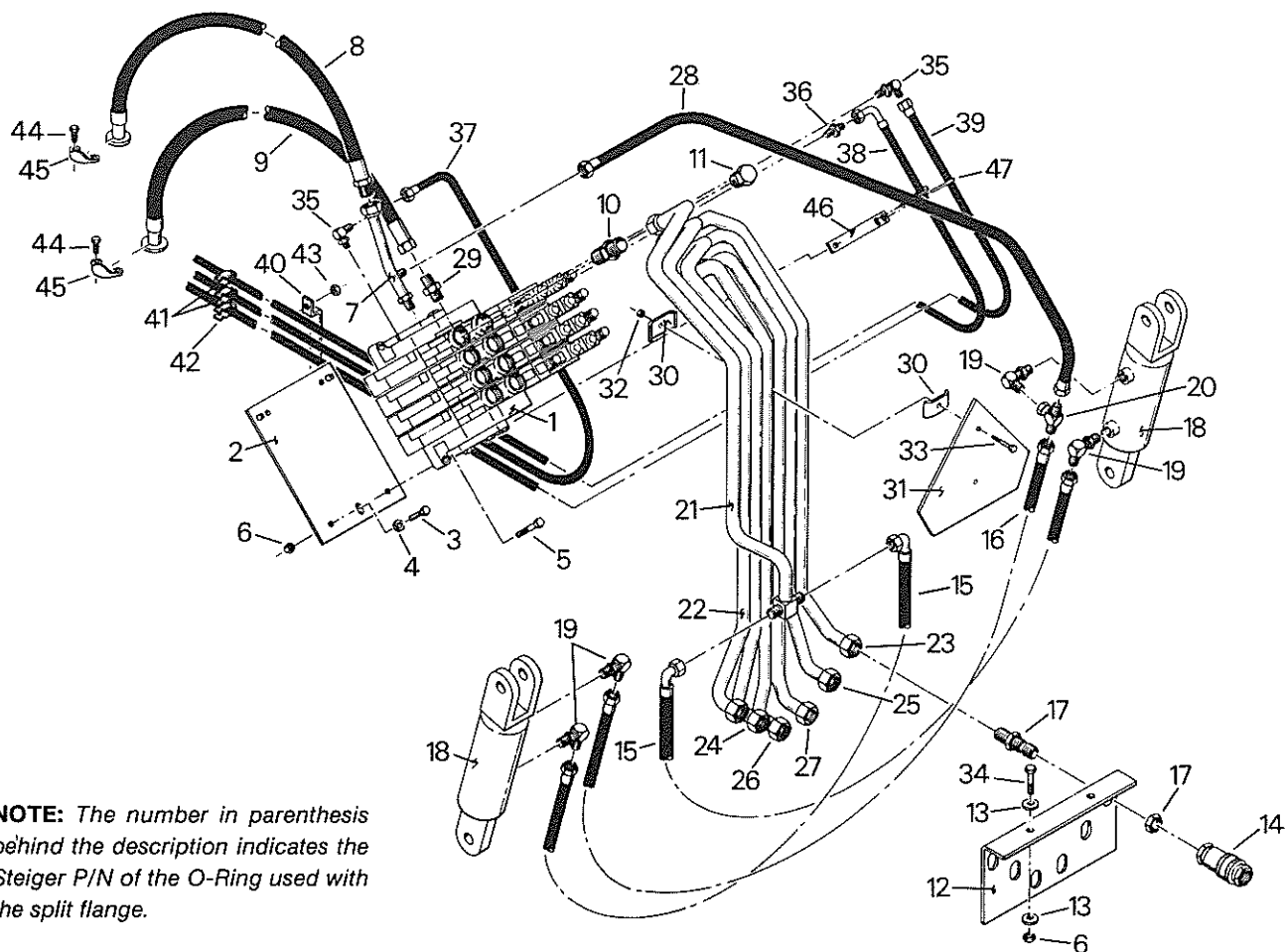
Ref.	Part No.	Description	Qty.
37	19-341	Lock Nut	2
38	19-034	Capscrew	8
39	31-1910	Split Flange (P/N 31-1925)	4
40	02-6769T1	Plate	1
41	19-135	Ty Rap	2



Hydraulic System - Standard Rear Frame (with 3-Pt Hitch)

Ref.	Part No.	Description	Qty.
1		Hydraulic Valve Assy (see Page 8-22)	1
2	70-2284T2	Mounting Plate	1
3	19-723	Capscrew	3
4	19-700	Washer	3
5	19-019	Capscrew	3
6	19-087	Lock Nut	5
7	50-1591T2	Tube	1
8	31-2134	Hose	1
9	31-2133	Hose	1
10	31-369	Adapter (16) (qty 3 with 2-Spool Valve)	7
11	9410363	Plug (with O-Ring) (16)	1
12	50-1588T2	Coupler Mounting Plate	1
13	19-107	Washer	4
14	50-1590T91	Coupler Assy (incl following two items) (qty 2 with 2-Spool Valve)	6
	50-1626T1	Coupler (Female end)	1
	50-1627T1	Nipple (Male end)	1

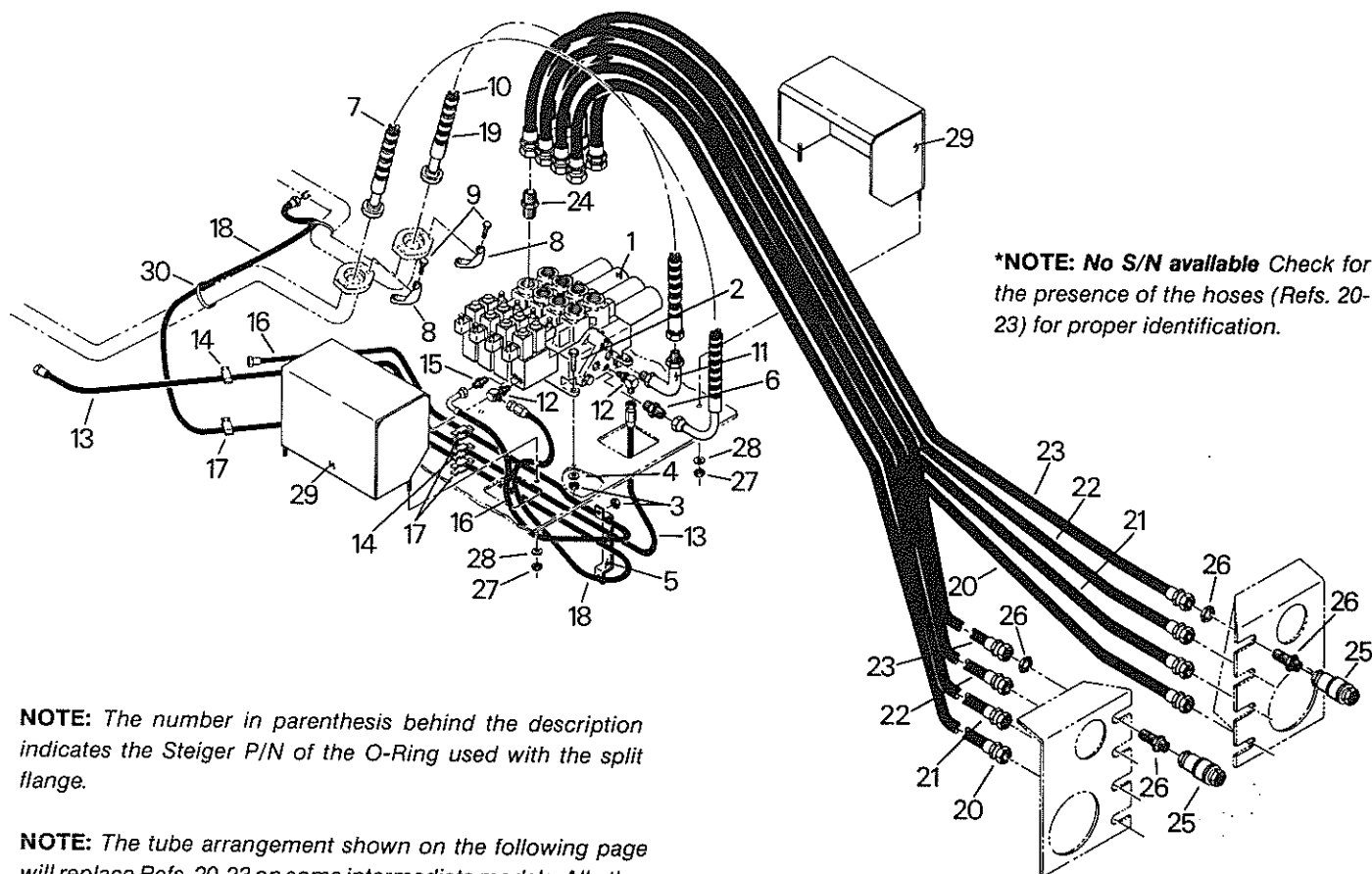
Ref.	Part No.	Description	Qty.
15	31-1996	Hose	2
16	31-1995	Hose	1
17	31-1018	Bulkhead Fitting (16) (qty 2 with 2-Spool Valve)	6
18		Cylinder Assy (see Page 10-2)	2
19	31-413	Elbow (8)	4
20	31-1997	Tee	1
21	50-1587T1	Tube	1
22	50-1582T1	Tube	1
23	50-1581T1	Tube	1
24	50-1583T1	Tube*	1
25	50-1584T1	Tube*	1
26	50-1586T1	Tube*	1
27	50-1585T1	Tube*	1
28	31-2023	Hose	1
29	01-4144	Adapter (16)	1
30	70-2380T3	SMV Bracket	4
31	26-001	SMV Emblem Plate	1
32	19-567	Nut	2
33	19-451	Machine Screw	2



Hydraulic System - Standard Rear Frame (with 3-Pt Hitch)

Ref.	Part No.	Description	Qty.
34	19-020	Capscrew	2
35	31-1753	Elbow (4)	2
36	18-1539	Adapter (4)	1
37	31-2145	Hose	1
38	31-2061	Hose	1
39	31-2062	Hose	1
40	50-1501T1	Clamp	1

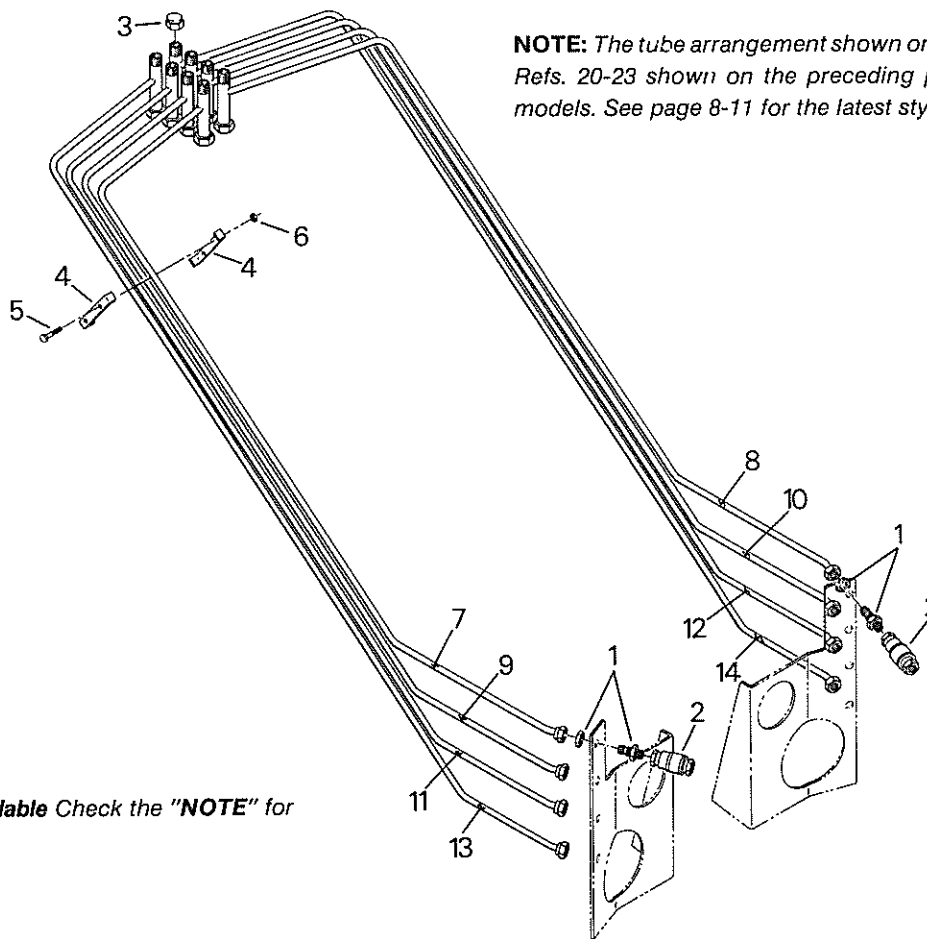
Ref.	Part No.	Description	Qty.
41	31-1212	Clamp Assy	3
42	31-1368	Clamp Assy	2
43	19-341	Lock Nut	2
44	19-034	Capscrew	8
45	31-1910	Split Flange (P/N 31-1925)	4
46	02-6769T1	Plate	1
47	19-135	Ty Rap	2



Hydraulic System - 5th Wheel Rear Frame (Early Style*)

Ref.	Part No.	Description	Qty.
1		Hydraulic Valve Assy (see Page 8-22)	1
2	19-019	Capscrew	3
3	19-341	Lock Nut	5
4	19-107	Washer	3
5	50-1501T1	Clamp	1
6	01-4144	Adapter (16)	1
7	31-1908	Hose	1
8	31-1910	Split Flange (P/N 31-1925)	4
9	19-034	Capscrew	8
10	31-1898	Hose	1
11	50-1502T2	Elbow (16)	1
12	31-1753	Elbow (4)	2
13	31-2144	Hose	1
14	31-1212	Clamp Assy	2
15	18-1539	Adapter (4)	1
16	31-1933	Hose	1

Ref.	Part No.	Description	Qty.
17	31-1368	Clamp Assy	3
18	31-1879	Hose	1
19	31-2226	Protective Sleeve	2
20	31-2040	Hose	2
21	31-2041	Hose	2
22	31-2042	Hose	2
23	31-2043	Hose	2
24	31-369	Adapter (16)	8
25	50-1590T91	Coupler Assy (incl following two items)	8
	50-1626T1	Coupler (Female end)	1
	50-1627T1	Nipple (Male end)	1
26	31-1018	Bulkhead Fitting (16)	8
27	19-081	Nut	4
28	19-109	Washer	4
29	70-2635T1	Cover	2
30	19-135	Ty Rap	2

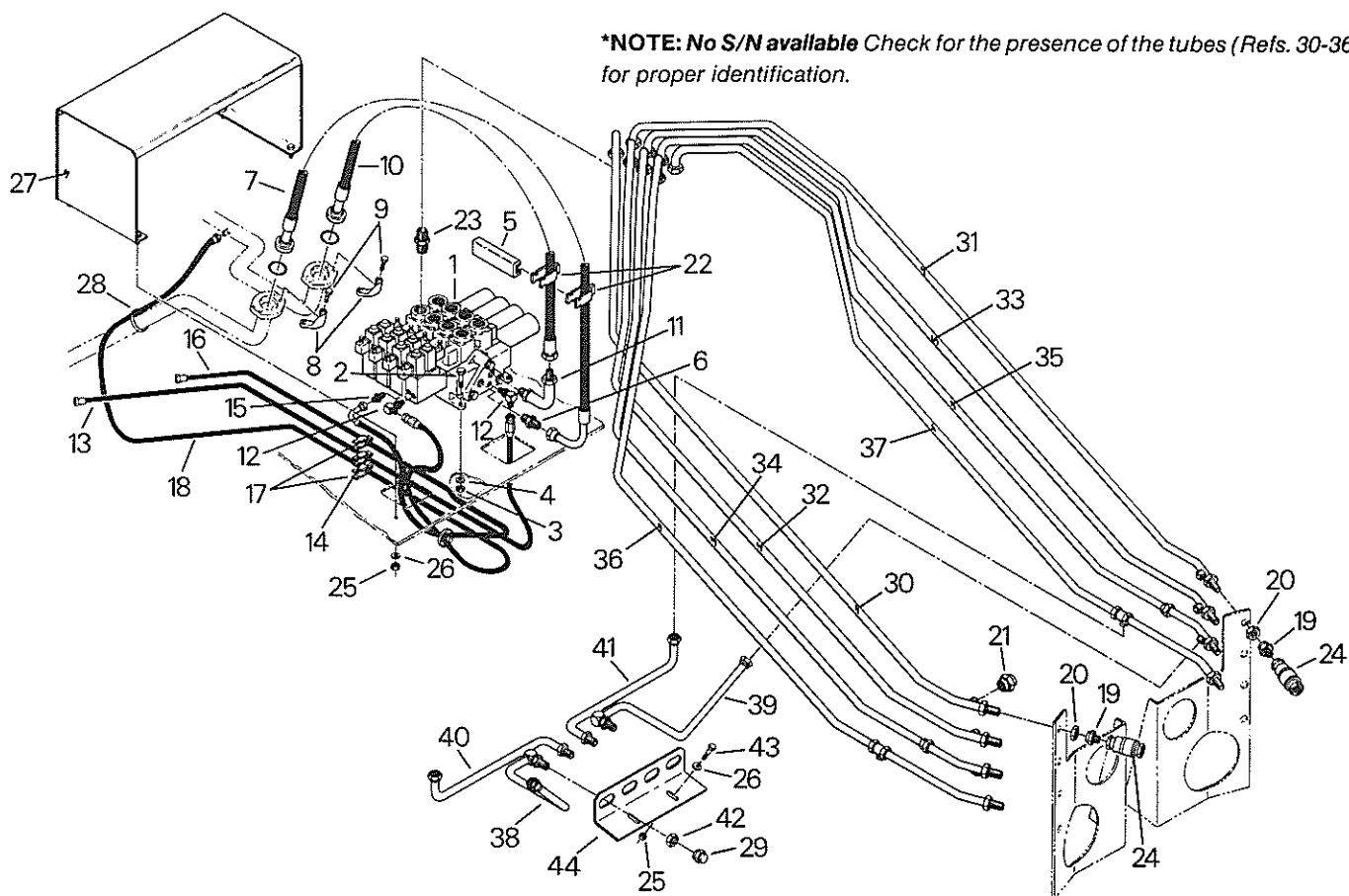


***NOTE: No S/N available** Check the "NOTE" for proper identification.

Hydraulic System - 5th Wheel Rear Frame (Intermediate Style*)

Ref.	Part No.	Description	Qty.
1	31-1018	Bulkhead Fitting (16)	8
2	50-1590T91	Coupler Assy (incl following two items)	8
	50-1626T1	Coupler (Female end)	1
	50-1627T1	Nipple (Male end)	1
3	31-2095	Cap	8
4	50-2040T1	Clamp	4
5	19-009	Capscrew	4
6	19-077	Nut	4

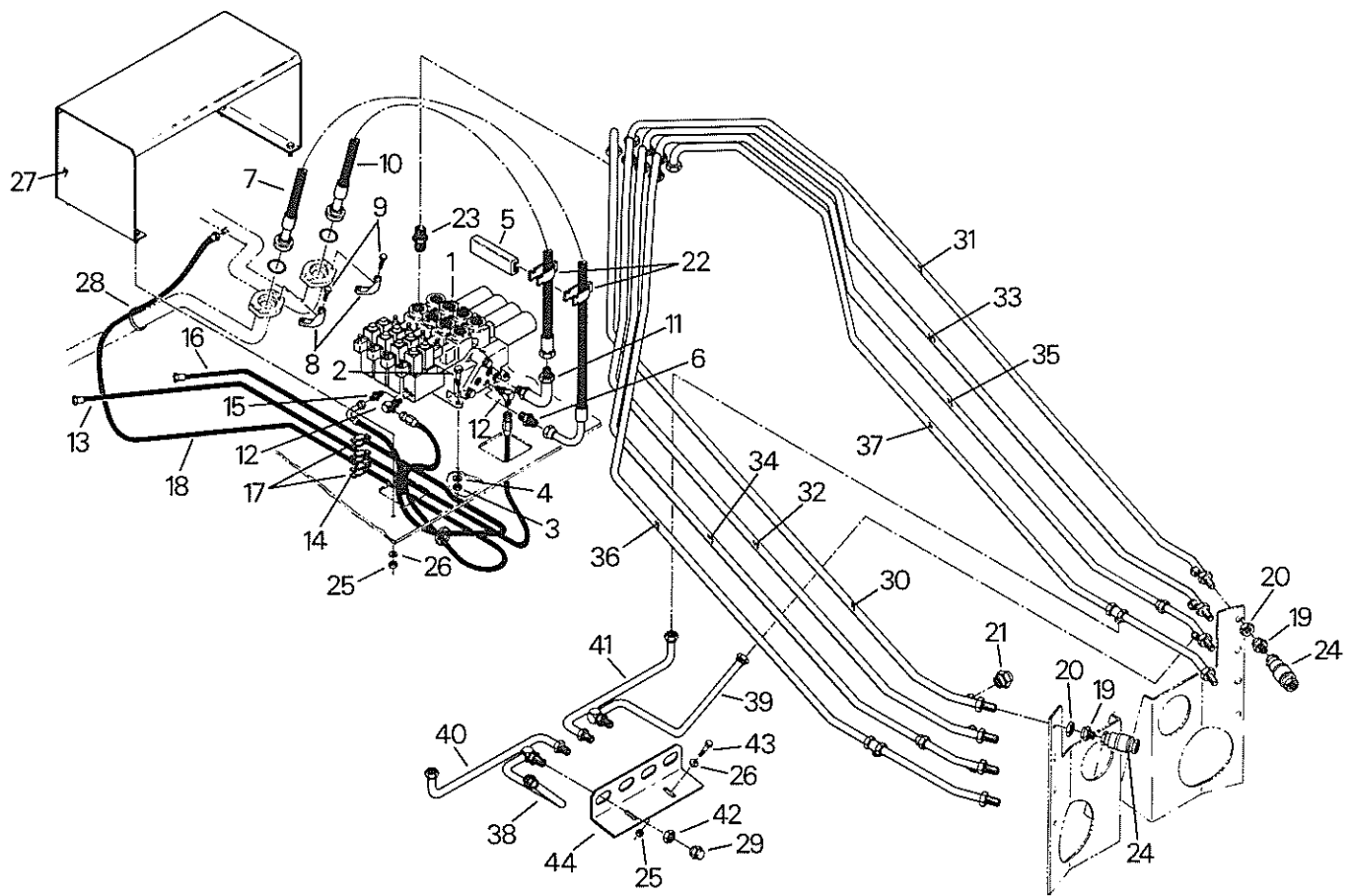
Ref.	Part No.	Description	Qty.
7	50-1988T1	Tube	1
8	50-1989T1	Tube	1
9	50-1991T1	Tube	1
10	50-1990T1	Tube	1
11	50-1993T1	Tube	1
12	50-1992T1	Tube	1
13	50-1995T1	Tube	1
14	50-1994T1	Tube	1



Hydraulic System - 5th Wheel Rear Frame (Later Style*)

Ref.	Part No.	Description	Qty.
1		Hydraulic Valve Assy (see Page 8-22)	1
2	19-019	Capscrew	3
3	19-341	Lock Nut	3
4	19-107	Washer	3
5	01-4936	Clamp Hanger	1
6	01-4144	Adapter (16)	1
7	31-1908	Hose	1
8	31-1910	Split Flange (P/N 31-1925)	4
9	19-034	Capscrew	8
10	31-2380	Hose	1
11	50-1502T2	Elbow (16)	1
12	31-1753	Elbow (4)	2
13	31-2385	Hose	1
14	31-1212	Clamp Assy	2
15	18-1539	Adapter (4)	1
16	31-2383	Hose	1
17	31-1368	Hose	4
18	31-2384	Hose	1
19	31-1568	Adapter (16)	8

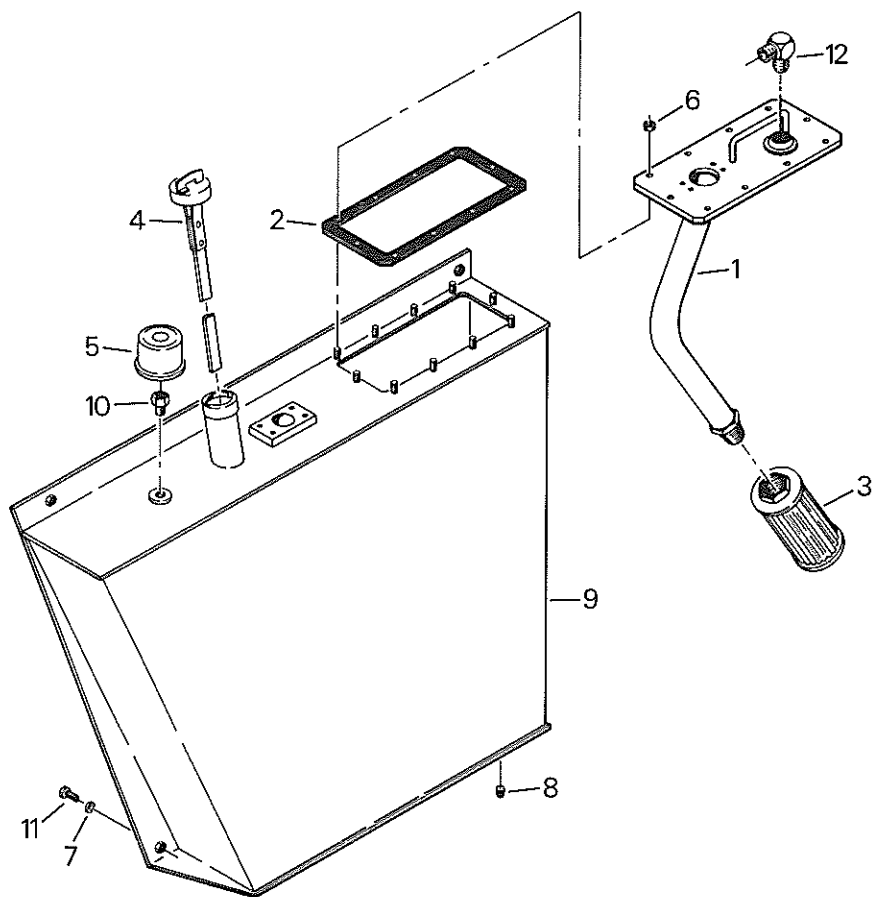
Ref.	Part No.	Description	Qty.
20	31-2375	Nut	8
21	9403372	Cap Nut	4
22	31-2387	Clamp Assy	2
23	31-369	Adapter (16)	8
24	50-1590T91	Coupler Assy (incl following two items)	8
	50-1626T1	Coupler (Female end)	1
	50-1627T1	Coupler (Male end)	1
25	19-081	Nut	5
26	19-109	Washer	5
27	70-4125T1	Cover	1
28	02-4152T1	Ty Rap	4
29	31-2095	Cap Nut	4
30	50-2398T1	Tube	1
31	50-2399T1	Tube	1
32	50-2397T1	Tube	1
33	50-2396T1	Tube	1
34	50-2466T1	Tube	1
35	50-2467T1	Tube	1
36	50-2465T2	Tube	1



Hydraulic System - 5th Wheel Rear Frame (Later Style*)

Ref.	Part No.	Description	Qty.
37	50-2464T2	Tube	1
38	50-2393T1	Tube	1
39	50-2392T1	Tube	1
40	50-2394T1	Tube	1

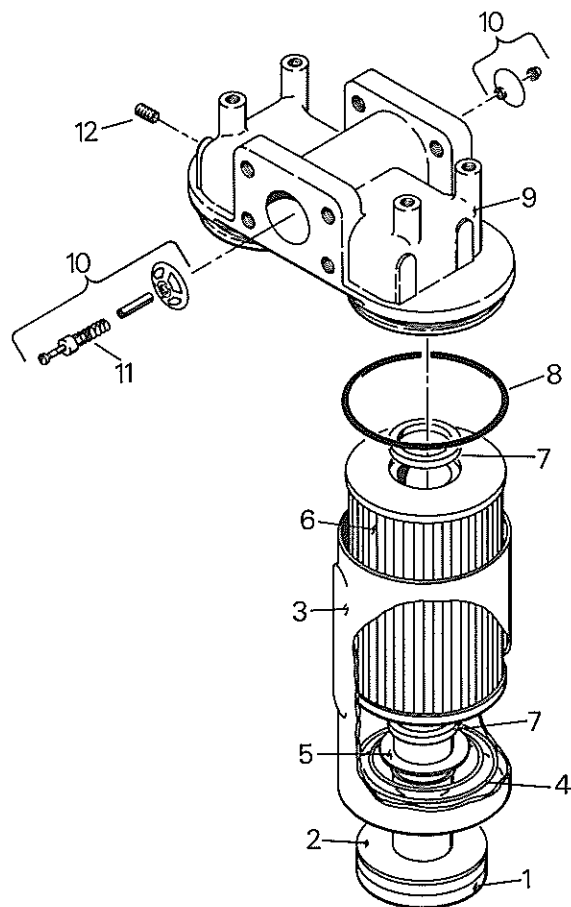
Ref.	Part No.	Description	Qty.
41	50-2395T1	Tube	1
42	31-2376	Nut	4
43	19-045	Capscrew	1
44	02-7189T1	Bracket	1



Hydraulic Reservoir & Mounting

Ref.	Part No.	Description	Qty.
1-11	50-1475T92	Hydraulic Reservoir Assy (50-1475T91 - Code E)	1
1	50-1436T3	Suction Tube (50-1436T2 - Code E)	1
2	50-1434T1	Gasket	1
3	50-1509T1	Suction Screen	1
	50-2029T1	Suction Screen (interchangeable with P/N 50-1509T1)	
4	51-431	Dipstick	1

Ref.	Part No.	Description	Qty.
5	18-503	Press. Filter Valve	1
	18-1633	Element	AR
6	19-087	Lock Nut	10
7	19-107	Washer	3
8	31-035	Pipe Plug	1
9	50-1446T1	Hydraulic Reservoir	1
10	31-1872	Adapter	1
11	19-017	Capscrew	3
12	31-431	Elbow	1



Hydraulic Oil Filter Assembly

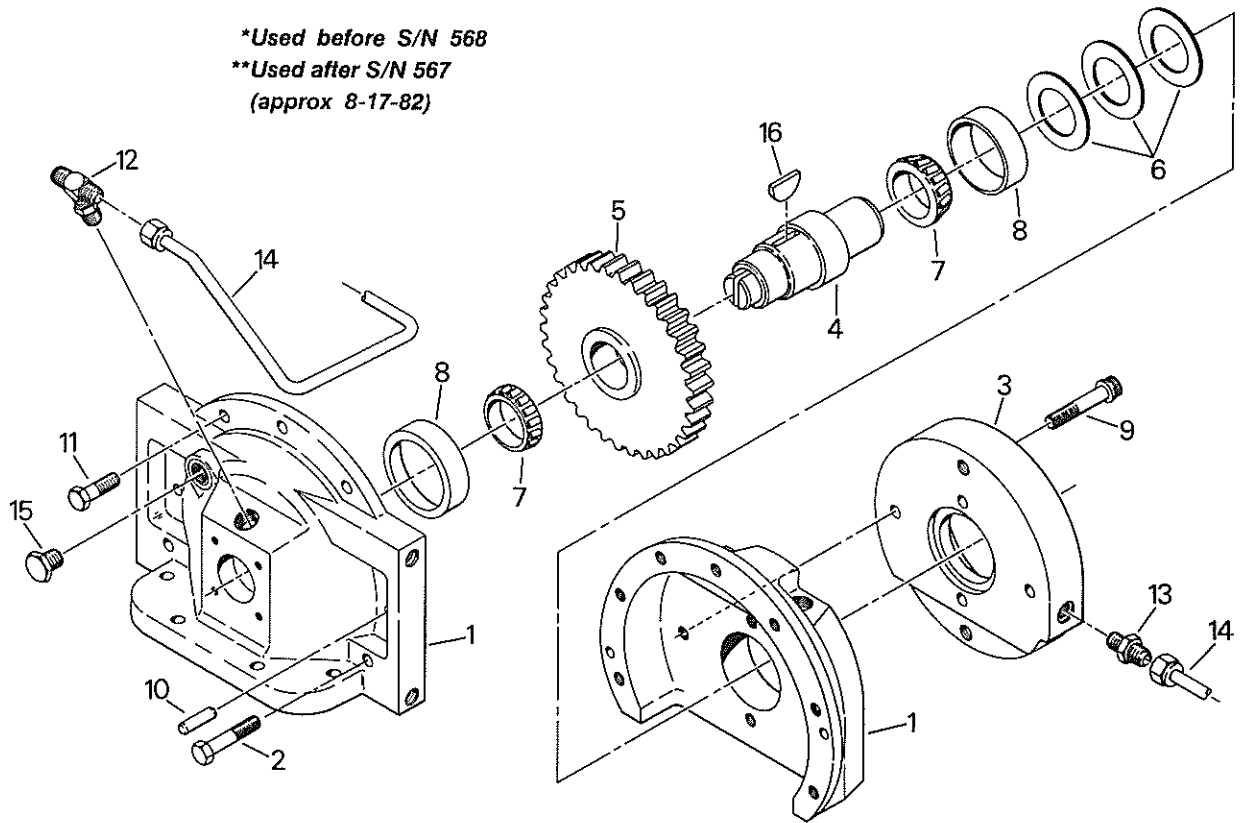
Ref.	Part No.	Description	Qty.
1-12	50-1389T91	Oil Filter Assy	1
1	01-6200	Center Post	2
2	18-096	Center Post Gasket	2
3	18-095	Filter Housing	2
4	18-094	Conical Spring	2
5	18-093	Backup Washer	2
6	50-1911T91	Filter Element Kit (incl Refs. 2, 7 & 8)	2

Ref.	Part No.	Description	Qty.
7	18-092	Filter Element Seal	4
8	18-091	Housing Seal	2
9	NSS	Filter Head	1
10	50-1876T91	By-Pass Assy Kit (incl Ref. 11)	1
11	50-1877T1	Spring	1
12	31-038	Pipe Plug	2

**Used before S/N 568*

***Used after S/N 567*

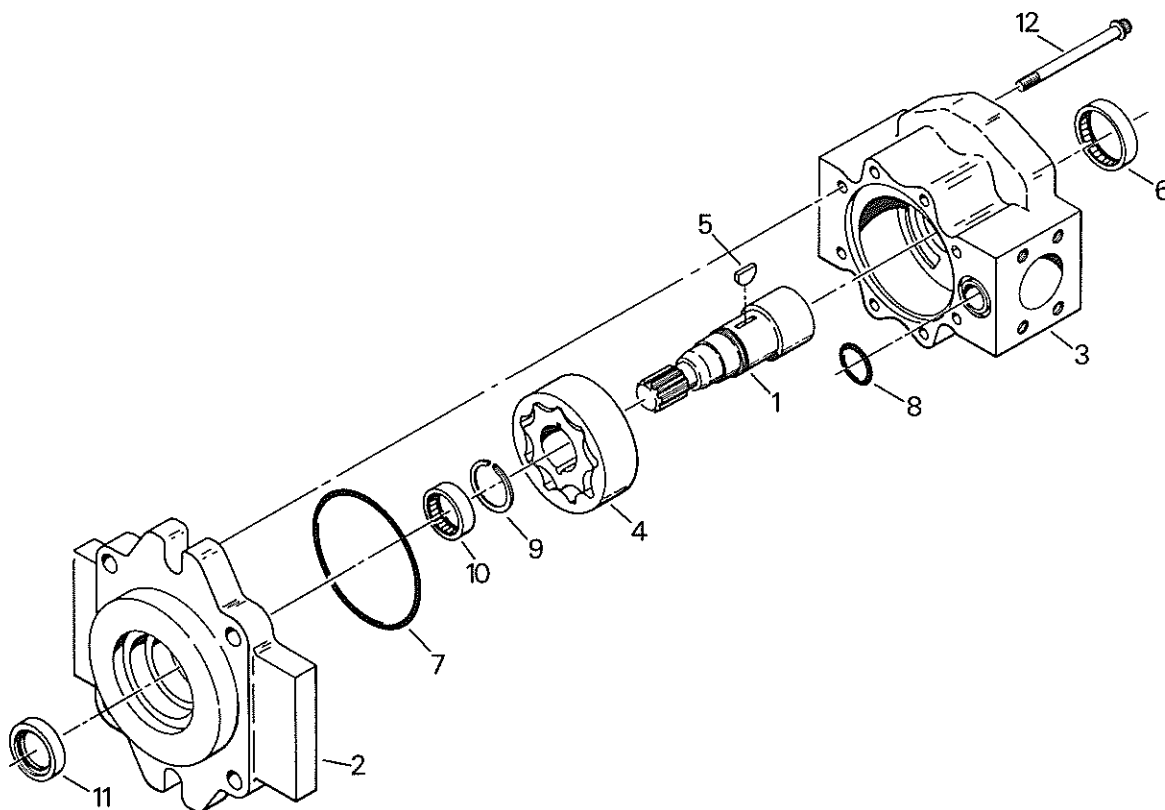
(approx 8-17-82)



NOTE: The early style pump drives (single asterisk (*)) have the restrictive orifice in the housing and adapter plate. The later style pump drives (double asterisk (**)) have the restrictive orifice in the tee and adapter. The early/late style housings and adapter plates can be intermixed; however, the appropriate tee/adaptor must be used along with them.

Pump Drive Assembly

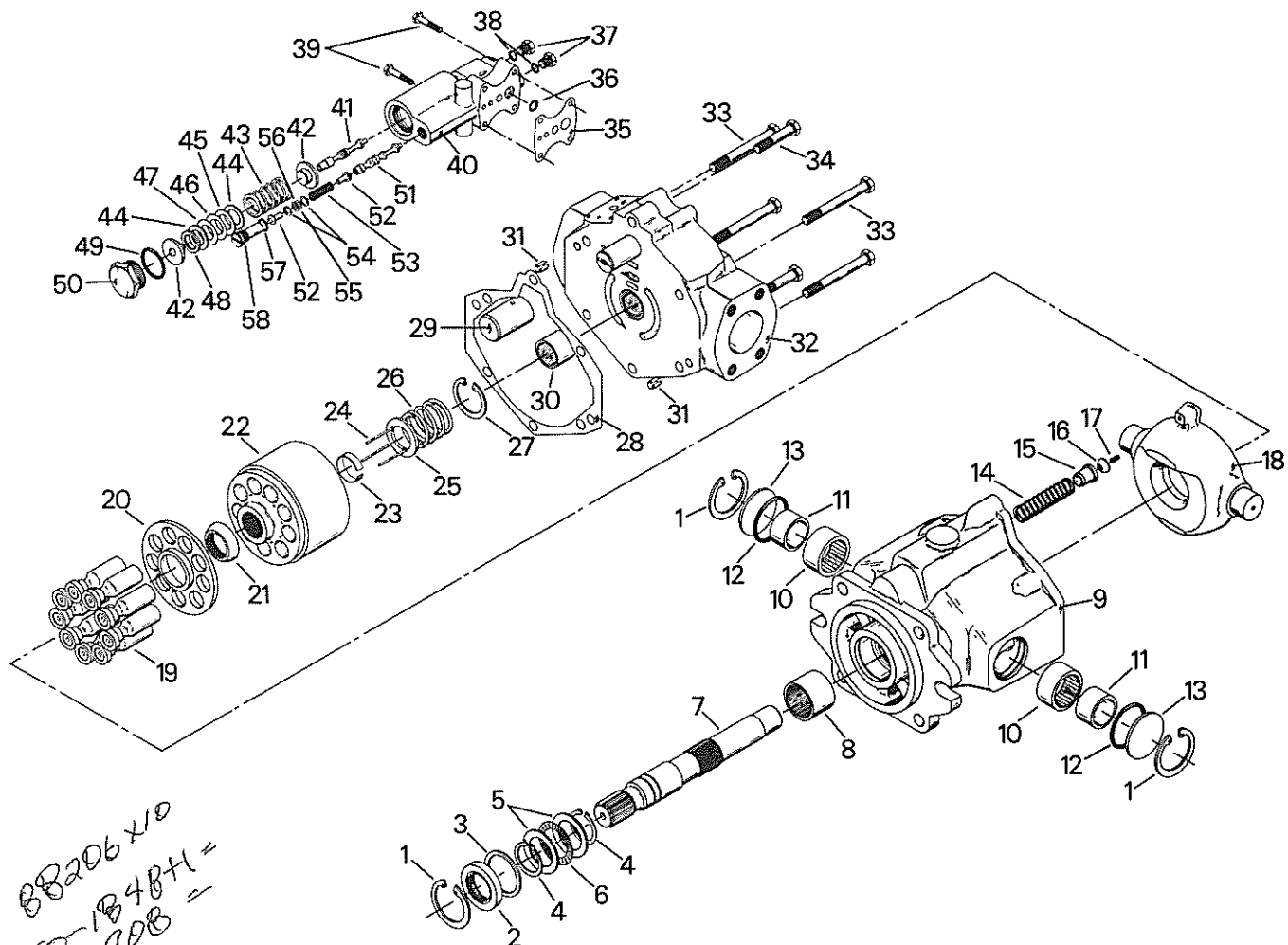
Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1-16	90-2672T91	Pump Drive Assy (C)*	1	7	90-2673T1	Bearing Cone	2
	90-2672T92	Pump Drive Assy (C)** (see Note)		8	90-2674T1	Bearing Cup	2
1	90-2671T1	Housing*	1	9	19-1692	12 Pt Socket Head Capscrew (qty 4 on P/N 90-2672T91)	5
	90-3509T1	Housing**		10	19-5849	Dowel Pin	2
2	19-478	Capscrew	2	11	19-679	Capscrew	5
3	90-2740T1	Adapter Plate*	1	12	31-1937	Tee (4)*	1
	90-3508T1	Adapter Plate**			31-2143	Tee (4)**	
4	90-2592T1	Shaft	1	13	18-1539	Adapter (4)*	1
5	90-2593T1	Gear	1		31-2142	Adapter (4)**	
6	90-3365T1	Shim (.005)	AR	14	90-2675T1	Tube	1
	90-3366T1	Shim (.007)		15	01-2197	Plug (with O-Ring) (10)	1
	90-3367T1	Shim (.020)		16	117994	Key	1



Charge Pump Assembly

Ref.	Part No.	Description	Qty.
1-12	50-1318T91	Charge Pump Assy	1
1	50-1321T1	Shaft	1
2	50-1319T1	End Cover	1
3	50-1320T1	Housing	1
4	50-1325T1	Gerotor Set	1
5	113782	Key	1
6	50-1324T1	Bearing	1

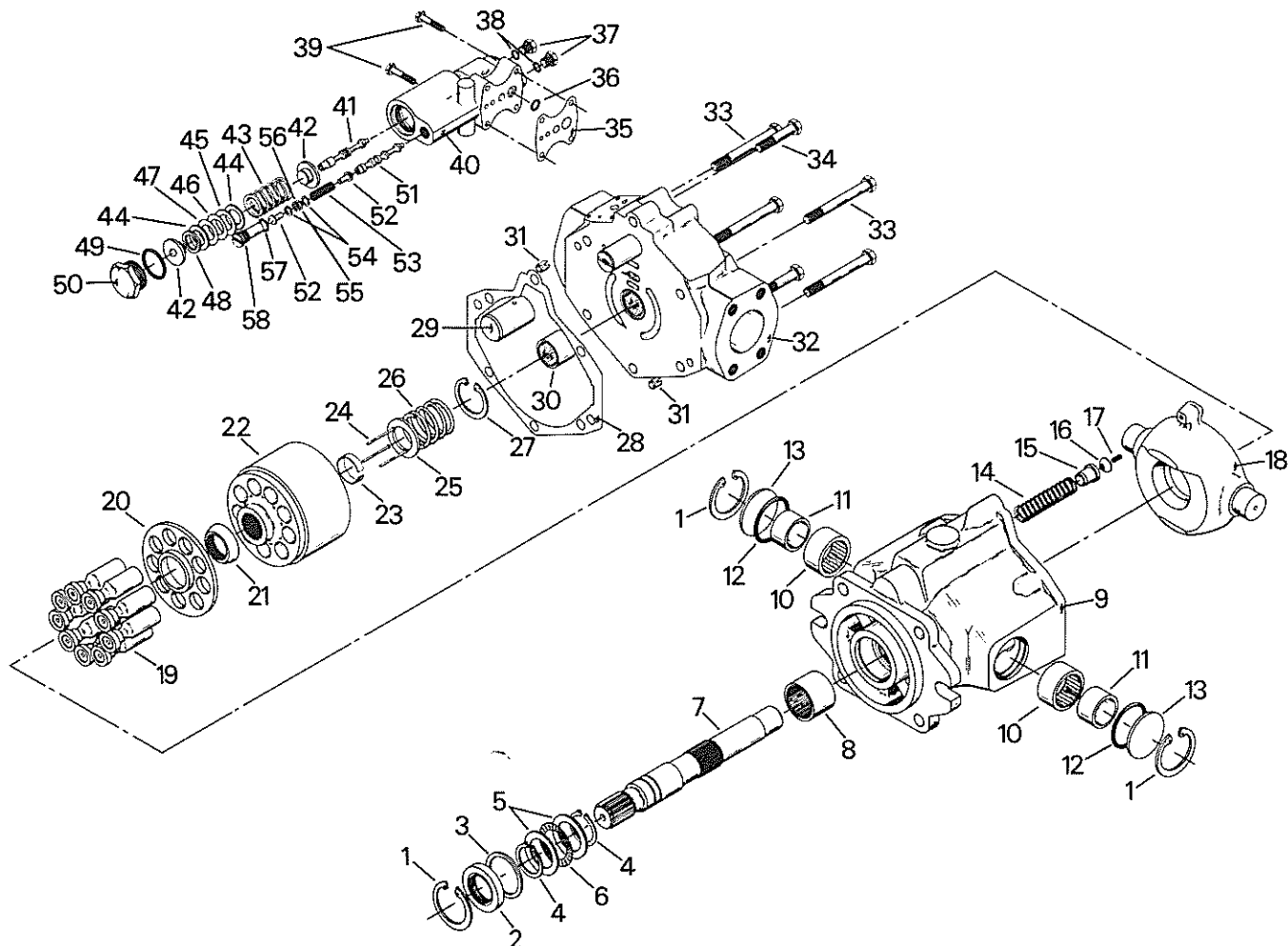
Ref.	Part No.	Description	Qty.
7	31-1943	O-Ring	1
8	31-1723	O-Ring	1
9	19-5764	Snap Ring	1
10	50-1323T1	Bearing	1
11	50-1322T1	Seal	1
12	19-1758	Capscrew	8



Hydraulic Pump Assembly

Ref.	Part No.	Description	Qty.
1-58	50-1390T91	Hydraulic Pump Assy	1
	50-1802T1	Seal Kit (incl Refs. 1, 2, 4, 12, 28, 35, 36, 38, 49 & 57)	AR
1	19-6014	Snap Ring	3
2	50-1779T1	Seal	1
3	50-1780T1	Washer	1
4	19-6015	Snap Ring	2
5	50-1782T1	Thrust Race	2
6	50-1783T1	Thrust Bearing	2
7	50-1784T1	Input Shaft	1
8	50-1786T1	Bearing	1
9	50-1785T91	Housing Assy (incl Ref. 8)	1
10	50-1787T1	Trunnion Bearing	2
11	50-1788T1	Trunnion Race	2
12	50-1789T1	O-Ring	2
13	50-1790T1	Trunnion Cover	2
14	50-1791T1	Spring	1
15	50-1792T1	Spring Collar	1
16	50-1793T1	Pivot Button	1
17	455160	Roll Pin	1

Ref.	Part No.	Description	Qty.
18	50-1795T1	Cam Plate	1
19-27	50-1796T1	Rotating Kit Assy	1
19	NSS	Piston	9
20	NSS	Retainer	1
21	NSS	Guide	1
22	NSS	Barrel	1
23	NSS	Pin Keeper	1
24	NSS	Pin	3
25	NSS	Washer	1
26	NSS	Spring	1
27	NSS	Snap Ring	1
28	50-1797T1	Gasket	1
29	50-1798T1	Spring Collar	1
30-32	50-1799T91	Back Plate Assy	1
30	50-1800T1	Bearing	1
31	50-1801T1	Dowel Pin	2
32	NSS	Back Plate (see Note on following page)	1
33	19-734	Capscrew	4
34	19-035	Capscrew	2

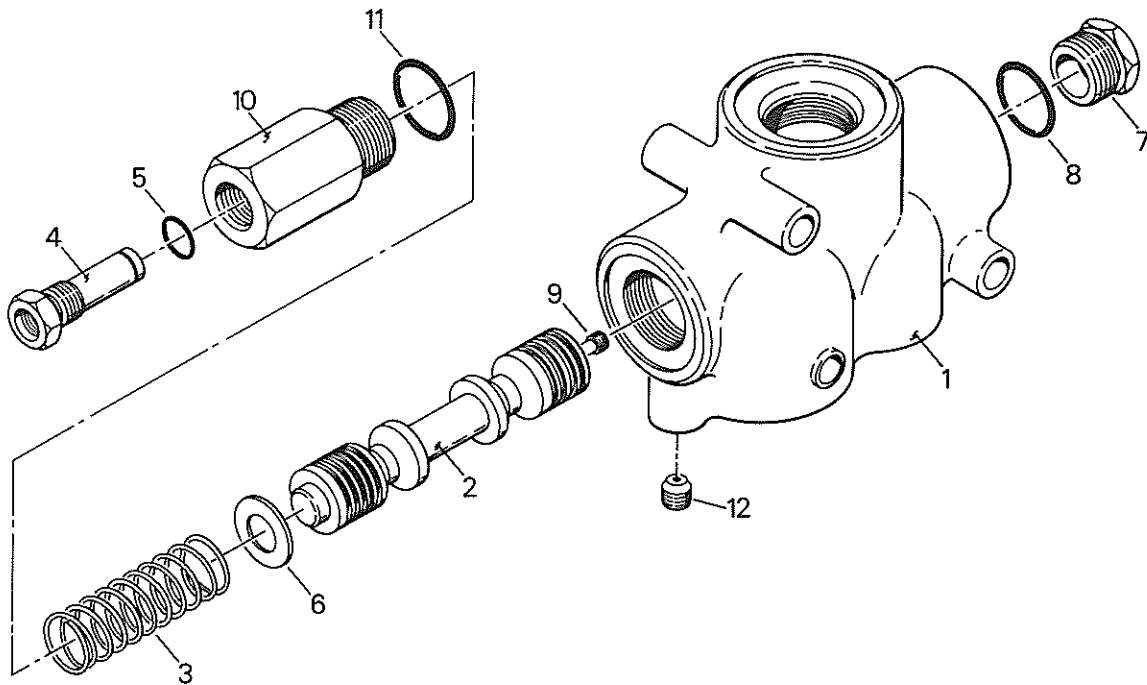


Hydraulic Pump Assembly

Ref.	Part No.	Description	Qty.
35	50-1803T1	Gasket	1
36	50-1804T1	O-Ring	1
37-58	50-1805T91	Press. Flow Compensator Assy	1
37	50-1806T1	Plug	2
38	50-1823T1	O-Ring	2
39	19-1543	Capscrew	4
40	NSS	Compensator Body	1
41	NSS	Press. Spool	1
42	50-1807T1	Spring Pivot Cap	2
43	50-1808T1	Spring	1
44	50-1809T1	Washer (.030)	AR
45	50-1810T1	Washer (.005)	AR
46	50-1811T1	Washer (.010)	AR

Ref.	Part No.	Description	Qty.
47	50-1812T1	Washer (.015)	AR
48	50-1813T1	Washer (.059)	AR
49	50-1814T1	O-Ring	1
50	50-1815T1	Adjustment End Plug	1
51	NSS	Flow Spool	1
52	50-1816T1	Spring Pivot	2
53	50-1817T1	Spring	1
54	50-1818T1	Washer	1
55	50-1819T1	Washer (.010)	AR
56	50-1820T1	Washer (.005)	AR
57	50-1821T1	O-Ring	1
58	50-1822T1	Spring Pivot Plug	1

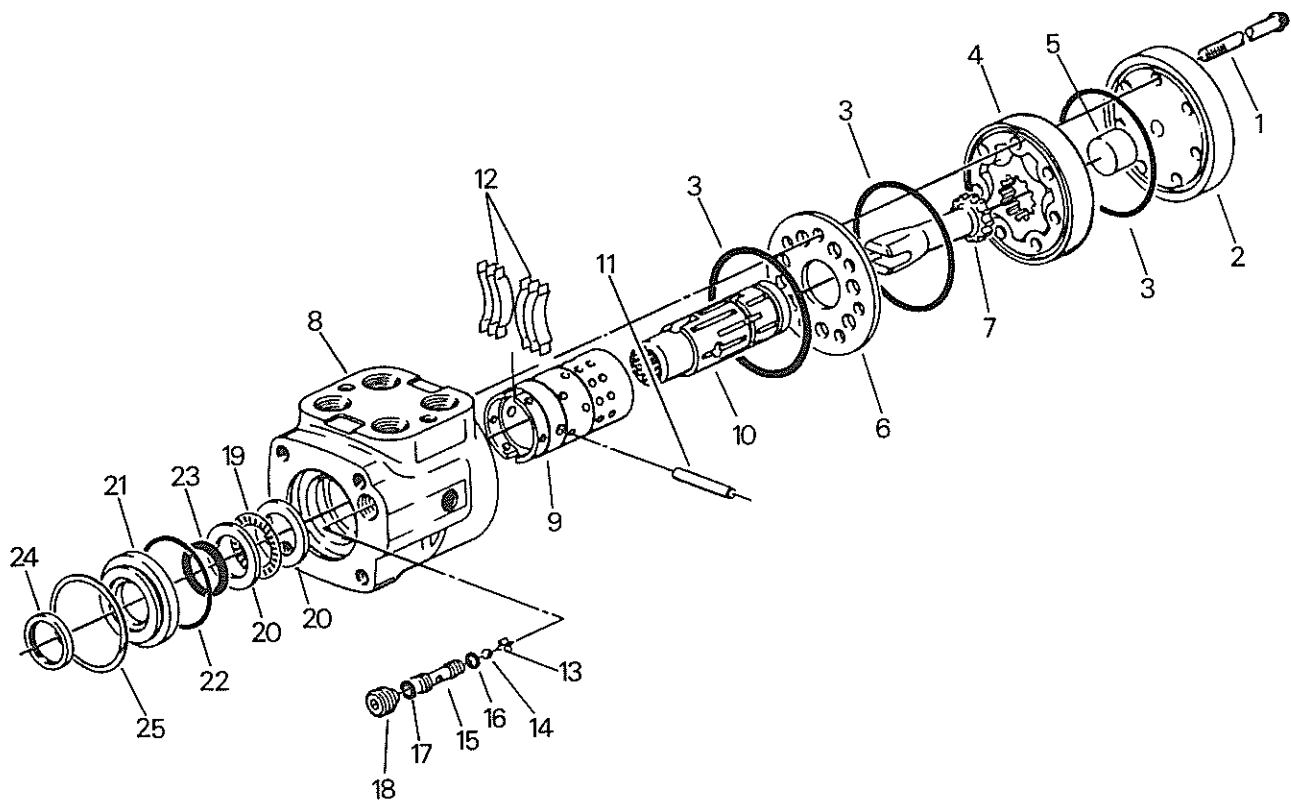
NOTE: A variation of the standard back plate (Ref. 32) was used on some early pumps. This variation had an access cover mounted to the back of the back plate. These parts (Cover Plate P/N 50-1848T1, O-Ring P/N 50-1849T1 & Capscrew P/N 19-017 (qty. 2) may be purchased but they will not be present on later pumps. Should a replacement for the back plate (Ref. 32) be needed, order the later style (Refs. 30-32) which is totally interchangeable.



Priority Valve Assembly

Ref.	Part No.	Description	Qty.
1-12	50-1453T91	Priority Valve Assy	1
1	NSS	Body	1
2	50-1865T1	Piston	1
3	50-1866T1	Spring	1
4	50-1867T91	Relief Valve Cartridge (incl Ref. 5)	1
5	50-1872T1	O-Ring	1

Ref.	Part No.	Description	Qty.
6	50-1868T1	Washer	1
7	50-1873T1	Plug Assy (with O-Ring)	1
8	50-1874T1	O-Ring	1
9	NSS	Set Screw	1
10	50-1869T1	Case	1
11	50-1870T1	O-Ring	1
12	50-1871T1	Orifice	1

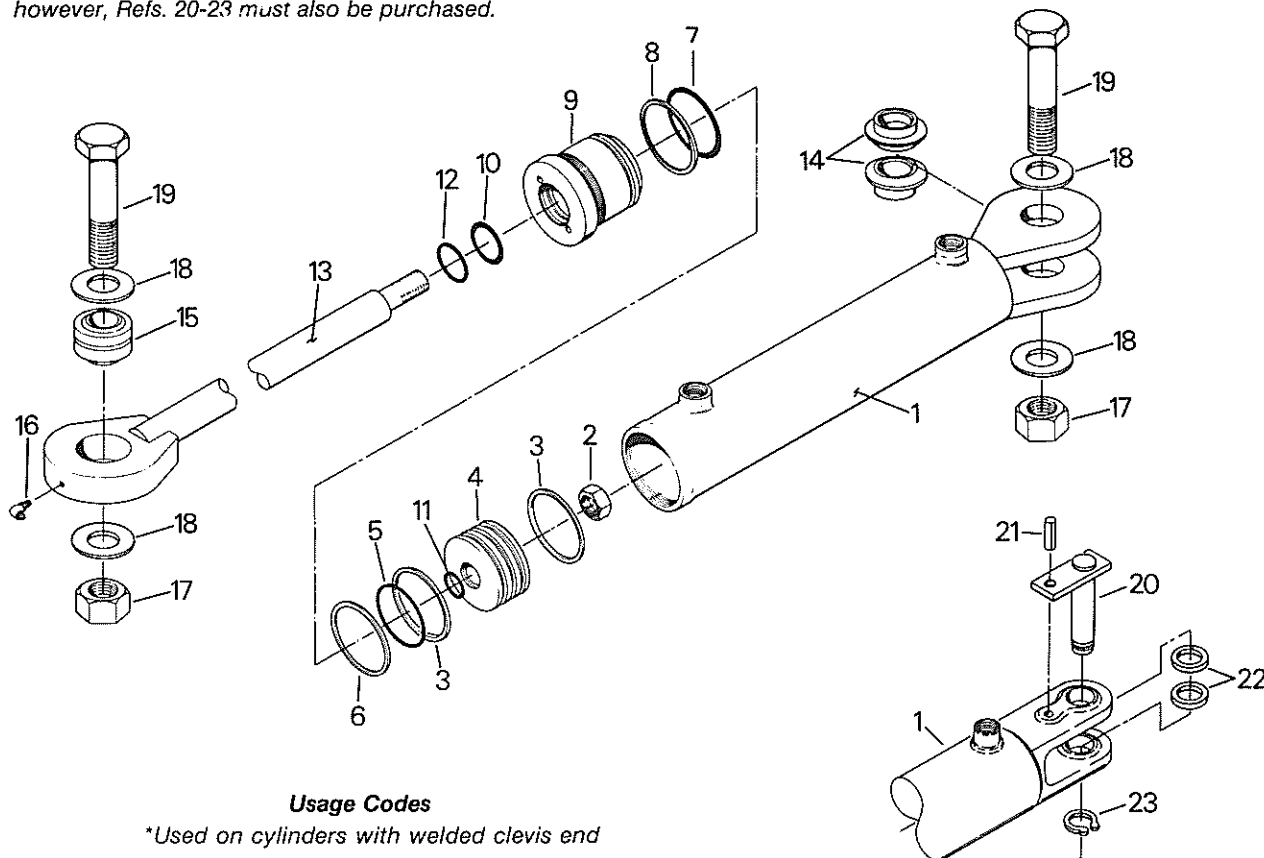


Steering Control Valve Assembly

Ref.	Part No.	Description	Qty.
1-25	01-9556	Steering Control Valve Assy	1
1	18-1734	12 Pt Socket Head Capscrew	7
2	02-2422	End Cap	1
3	18-1680	O-Ring	3
4	02-2055	Gear Set	1
5	02-2057	Spacer	1
6	18-1686	Spacer Plate	1
7	18-128	Drive	1
8-12	02-2058	Control Parts Assy	1
8	NSS	Housing	1
9	NSS	Control Sleeve	1
10	NSS	Control Spool	1
11	18-157	Pin	1
12	18-1689	Centering Spring	6

Ref.	Part No.	Description	Qty.
13	02-2059	Check Ball Retainer	1
14	02-2060	Check Ball	1
15	02-2061	Check Ball Seat	1
16	18-150	Seal	1
17	02-2062	O-Ring	1
18	02-2063	Set Screw	1
19	18-1693	Needle Thrust Bearing	1
20	02-2064	Bearing Race	2
21	18-1695	Seal Gland Bushing	1
22	18-1694	O-Ring	1
23	18-144	Quad Ring Seal	1
24	18-137	Seal	1
25	18-1696	Snap Ring	1

NOTE: Cylinder P/N 50-2140T91 will replace P/N 01-8979; however, Refs. 20-23 must also be purchased.



Usage Codes

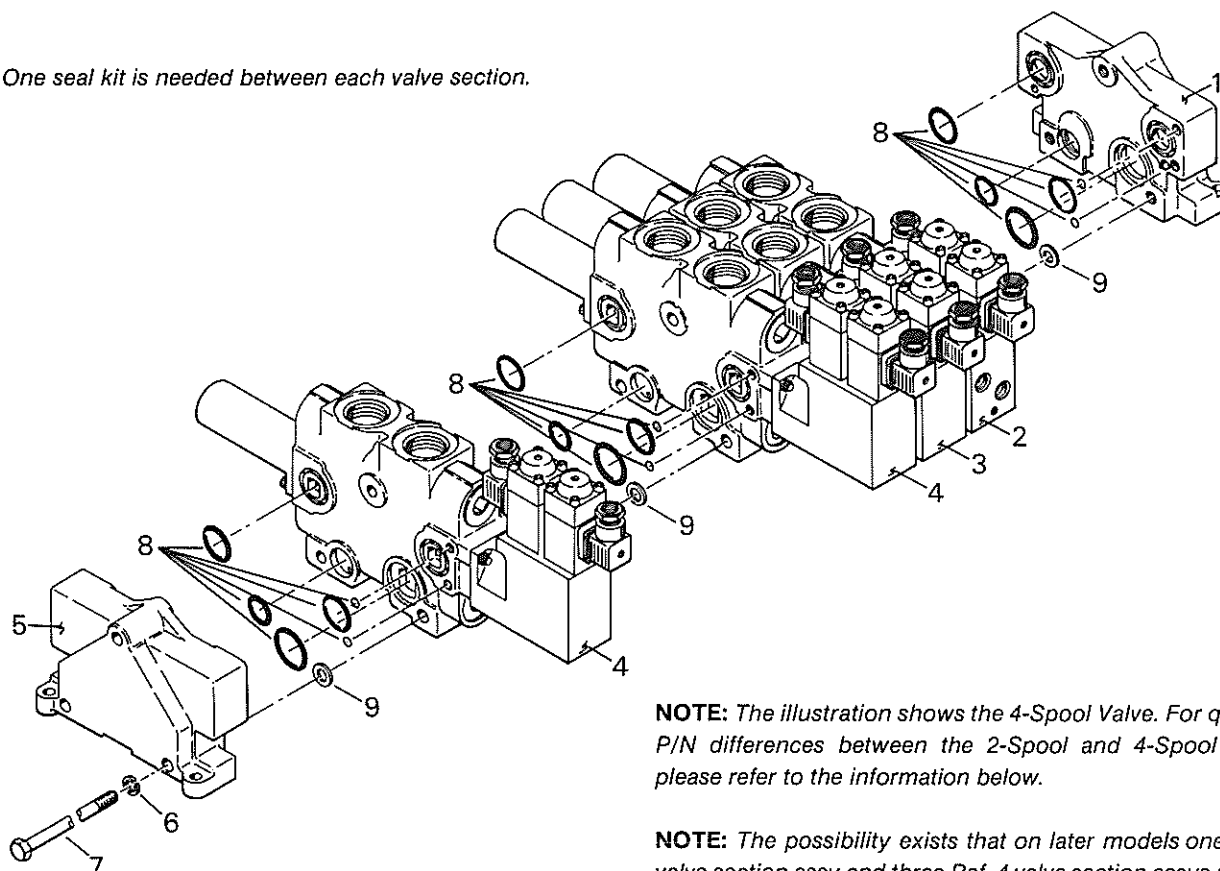
*Used on cylinders with welded clevis end
 **Used on cylinders with cast clevis end

Cast End Mounting

Steering Cylinder Assembly

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1-16	01-8979	Steering Cylinder Assy*	1	11	NSS	O-Ring	1
	50-2140T91	Steering Cylinder Assy**		12	NSS	Canned Wiper	1
	35-1136T91	Seal Kit (incl Refs. 3, 5, 6, 7, 8, 10, 11 & 12)	AR	13	01-8978	Rod*	1
1	01-7026T1	Shell*	1		50-2143T1	Rod**	
	50-2054T1	Shell**		14	52-130	Bushing (not used with **)	2
2	19-5578	Nut	1	15	15-044	Self-Aligning Bushing	1
3	NSS	Wear Ring	2	16	31-093	Lube Fitting	1
4	01-7031	Piston	1	17	19-916	Jam Nut (qty 1 with **)	2
5	NSS	O-Ring	1	18	19-938	Washer (qty 2 with **)	4
6	NSS	Piston Seal	1	19	19-915	Capscrew (qty 1 with **)	2
7	NSS	O-Ring	1	20	50-1086T1	Pin**	1
8	NSS	Backup Washer	1	21	19-5785	Roll Pin**	1
9	01-7772	Rod Guide	1	22	02-3223T1	Spacer**	2
10	NSS	Rod Seal	1	23	19-5619	Retaining Ring**	1

NOTE: One seal kit is needed between each valve section.



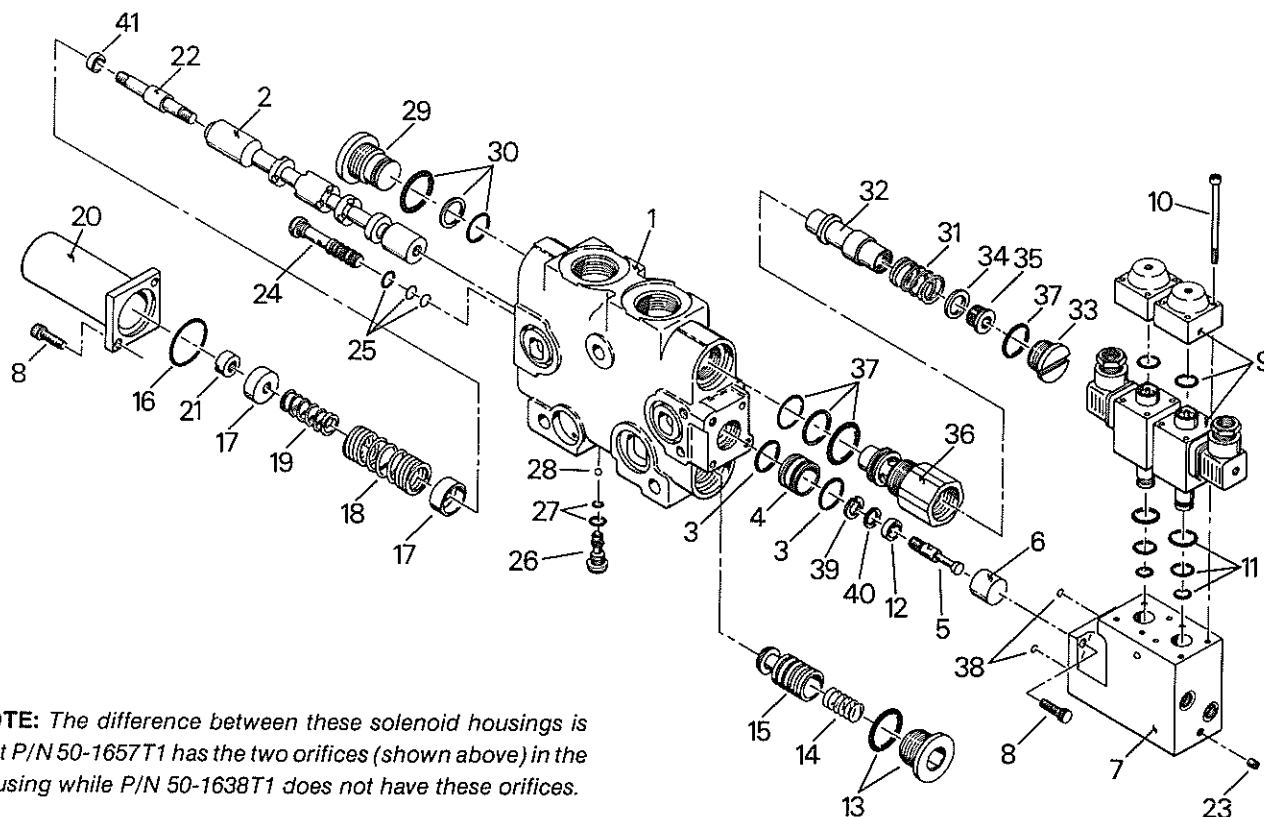
NOTE: The illustration shows the 4-Spool Valve. For qty. and P/N differences between the 2-Spool and 4-Spool Valve, please refer to the information below.

NOTE: The possibility exists that on later models one Ref. 2 valve section assy and three Ref. 4 valve section assys may be standard rather than the quantities shown below.

Hydraulic Control Valve Assembly

Ref.	Part No.	Description	Qty.
	50-1700T91	Hydraulic Control Valve Assy (2-Spool)	1
	50-1466T91	Hydraulic Control Valve Assy (4-Spool)	
1	50-1629T1	Valve Cover (Left)	1
2	50-1630T91	Valve Section Assy (see Page 8-23)	1
3	50-1631T91	Valve Section Assy (4-Spool Valve only) (see Page 8-23)	1

Ref.	Part No.	Description	Qty.
4	50-1632T91	Valve Section Assy (qty 1 on 2-Spool Valve) (see Page 8-23)	2
5	50-1633T1	Valve Cover (Right)	1
6	19-118	Lock Washer	3
7	19-6010	Tie Bolt (2-Spool Valve)	3
	19-5946	Tie Bolt (4-Spool Valve)	
8	50-1761T1	Seal Kit (qty 3 on 2-Spool Valve) (see Note)	5
9	50-1634T1	Shim (qty 9 on 2-Spool Valve)	15

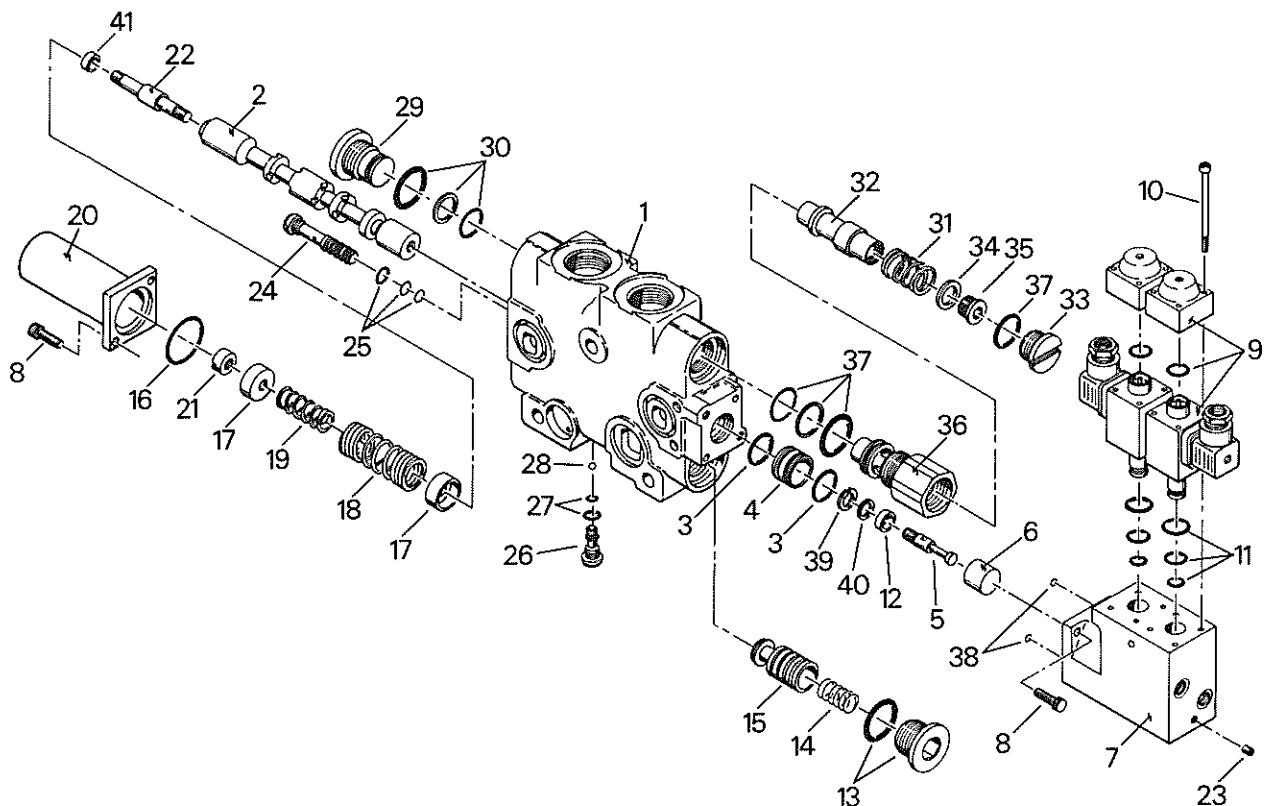


NOTE: The difference between these solenoid housings is that P/N 50-1657T1 has the two orifices (shown above) in the housing while P/N 50-1638T1 does not have these orifices.

Hydraulic Control Valve Assembly

Ref.	Part No.	Description	Qty.
	50-1630T91	Valve Section Assy	1
	50-1631T91	Valve Section Assy (4-Spool Valve only)	1
	50-1632T91	Valve Section Assy (qty 1 on 2-Spool Valve)	2
1	NSS	Body	1
2	NSS	Spool	1
3	31-2113	O-Ring	2
4	50-1635T1	Spacer	1
5	50-1636T1	Coupling	1
6	50-1637T1	Piston	1
7	50-1657T1	Solenoid Housing (see Note) (used on P/N 50-1630T91)	1
	50-1638T1	Solenoid Housing (used on P/N 50-1631T91 & 50-1632T91)	1
8	19-960	Socket Head Capscrew	4
9-11	50-1639T91	E.P.P. Valve	2
9	NSS	Solenoid Valve	2
10	40-1174	Socket Head Capscrew (metric)	8

Ref.	Part No.	Description	Qty.
11	50-1864T1	Seal Kit	2
12	50-1653T1	Washer	1
13	31-2058	Plug Assy	1
14	50-1640T1	Load Check Spring	1
15	50-1641T1	Load Check Poppet	1
16	31-2112	O-Ring	1
17	50-1642T1	Spring Retainer	2
18	50-1643T1	Centering Spring (Outer)	1
19	50-1644T1	Centering Spring (Inner)	1
20	50-1645T1	Centering Spring Housing	1
21	50-1646T1	Retainer	1
22	50-1647T1	Coupling	1
23	50-2566T1	Expansion Plug	8
24-25	50-1648T91	Primary Housing Assy	1
24	NSS	Housing	1
25	50-1655T1	Seal Kit	1
26-27	50-1649T91	Shuttle Seat Assy	1
26	NSS	Shuttle Seat	1
27	50-1654T1	Seal Kit	1
28	104916	Ball Bearing	1



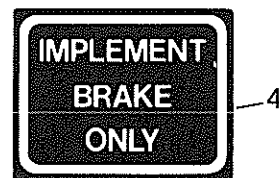
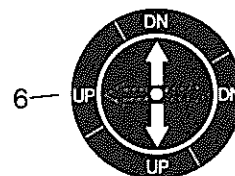
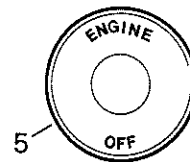
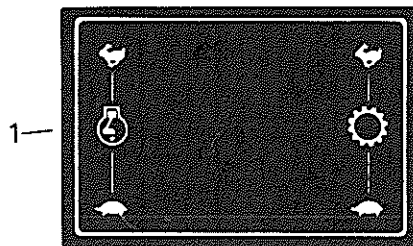
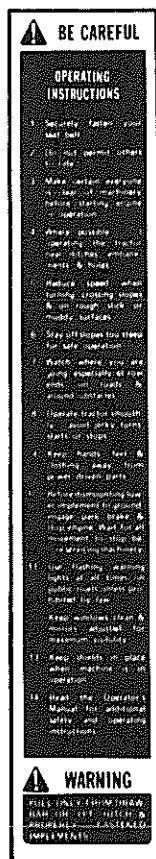
Hydraulic Control Valve Assembly

Ref.	Part No.	Description	Qty.
29-30	50-1650T91	Plug Assy (qty 2 on P/N 50-1632T91)	1
29	NSS	Plug	1
30	50-1656T1	Seal Kit	1
31-37	50-1651T91	Anti-Cav Housing Assy (not used on P/N 50-1632T91)	1
31	50-1658T1	Spring	1
32	50-1659T1	Piston	1
33	50-1660T1	Cover	1

Ref.	Part No.	Description	Qty.
34	50-1661T1	Washer	1
35	50-1662T1	Orificed Plug	1
36	NSS	Housing	1
37	50-1769T1	Seal Kit (50-1762T1 - Code B)	1
38	31-2115	O-Ring	2
39	19-5979	Snap Ring	1
40	50-1652T1	Washer	1
41	50-1763T1	Spacer (used only on P/N 50-1632T91)	1

Section 9 - Decals

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Chassis Decals	9-2 - 9-4



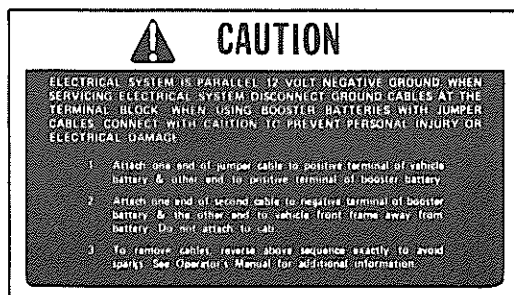
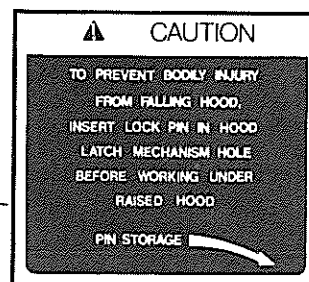
Cab Decals

Ref.	Part No.	Description	Qty.
1	01-6185	Throttle Control Decal	1
2	01-5717T1	Operating Instructions Decal (01-5717 - Code B)	1
3	01-5734	Safety Decal	1

Ref.	Part No.	Description	Qty.
4	02-5223T1	Implement Brake Decal	1
5	02-4553T1	Engine Shutoff Decal (Early Cat 3406 Engines only)	1
6	60-2922T1	Joystick Controller Decal	2

STEIGER¹

STEIGER²

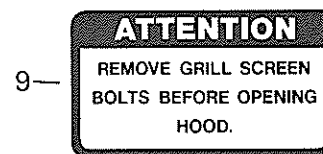
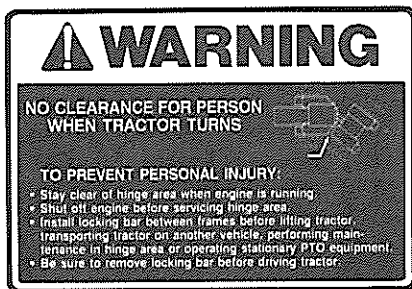
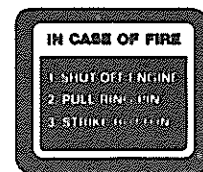
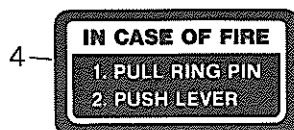
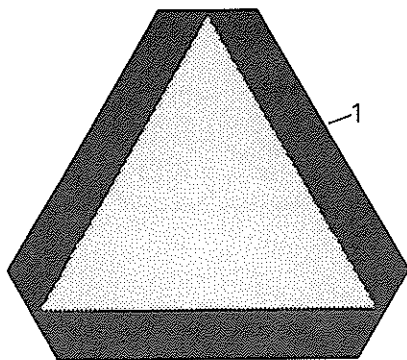


DIESEL FUEL TANK⁵

Chassis Decals

Ref.	Part No.	Description	Qty.
1	02-3406T1	Steiger Decal (Large)	1
2	02-5168T2	Steiger Decal (Silver) (02-5168T1 - Code B)	2
3	01-6264T1	Booster Battery Decal	1
4	02-1603	Hood Lock Pin Decal	1

Ref.	Part No.	Description	Qty.
5	26-242T1	Diesel Fuel Tank Decal (26-242 - Code B)	1
6	01-4811	Wheel Lug Nuts Decal	1
7	01-6063T1	Pressurized System Decal	1
8	01-5726T1	Implement Attachment Decal	1



Usage Codes

*Standard Rear Frame

**5th Wheel Rear Frame

Chassis Decals

Ref.	Part No.	Description	Qty.
1	26-001	SMV Emblem Plate (Metal Backed)	1
	26-008	SMV Decal (mounting items listed below)	1
	19-451	Machine Screw*	2
	19-567	Nut* & **	2
	70-2380T3	Bracket*	4
	70-2531T1	Bracket**	1
	19-233	Machine Screw**	2
	19-045	Capscrew**	2
	19-081	Nut**	2

Ref.	Part No.	Description	Qty.
2	02-6876T1	Center Hinge Warning Decal (01-7147T1 - Code B)	2
3	02-5202T1	Fire Protection System Decal	1
4	02-5203T1	Fire Protection System Decal	1
5	26-523	Air Cleaner Decal (16")	1
6	90-4236T1	Air Cleaner Decal (14")	1
7	01-5727T1	Fan Decal	2
8	02-6940T1	Starter Decal	1
9	02-7175T1	Grille Screen Decal	1

NOTE: No-Skid Strip P/N 01-6835
(Standard Rear Frame)
No-Skid Strip P/N 02-5185T1
(5th Wheel Rear Frame)
54 1/2" Trim Tape P/N 26-534
64 1/4" Trim Tape P/N 01-5640

¹
CA280

⁴
CU280

²
CA325

⁵
CU325

³
CA360

⁶
CU360

NOTE: For cosmetic purposes, the T2 version of Refs. 1-6 should be replaced in pairs. The T2 version does not look the same as the T1 version.

⁷
AGRICULTURAL

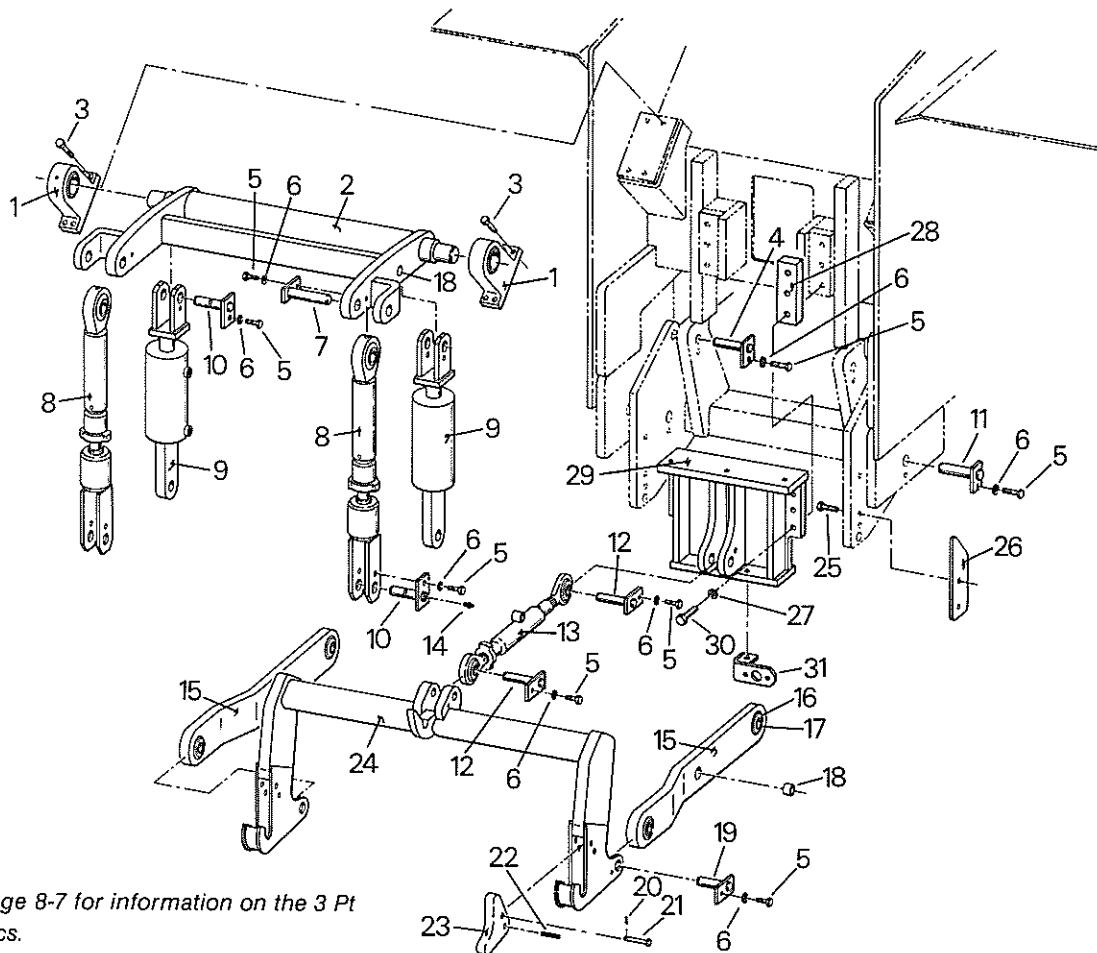
Chassis Decals

Ref.	Part No.	Description	Qty.
1	02-5169T2	CA 280 Decal (02-5169T1 - Code B)	2
2	02-5170T2	CA 325 Decal (02-5170T1 - Code B)	2
3	02-5171T2	CA 360 Decal (02-5171T1 - Code B)	2
4	02-5172T2	CU 280 Decal (02-5172T1 - Code B)	2

Ref.	Part No.	Description	Qty.
5	02-5173T2	CU 325 Decal (02-5173T1 - Code B)	2
6	02-5174T2	CU 360 Decal (02-5174T1 - Code B)	2
7	02-6957T2	Agricultural Decal (02-6957T1 - Code B)	2

Section 10 - Options & Miscellaneous

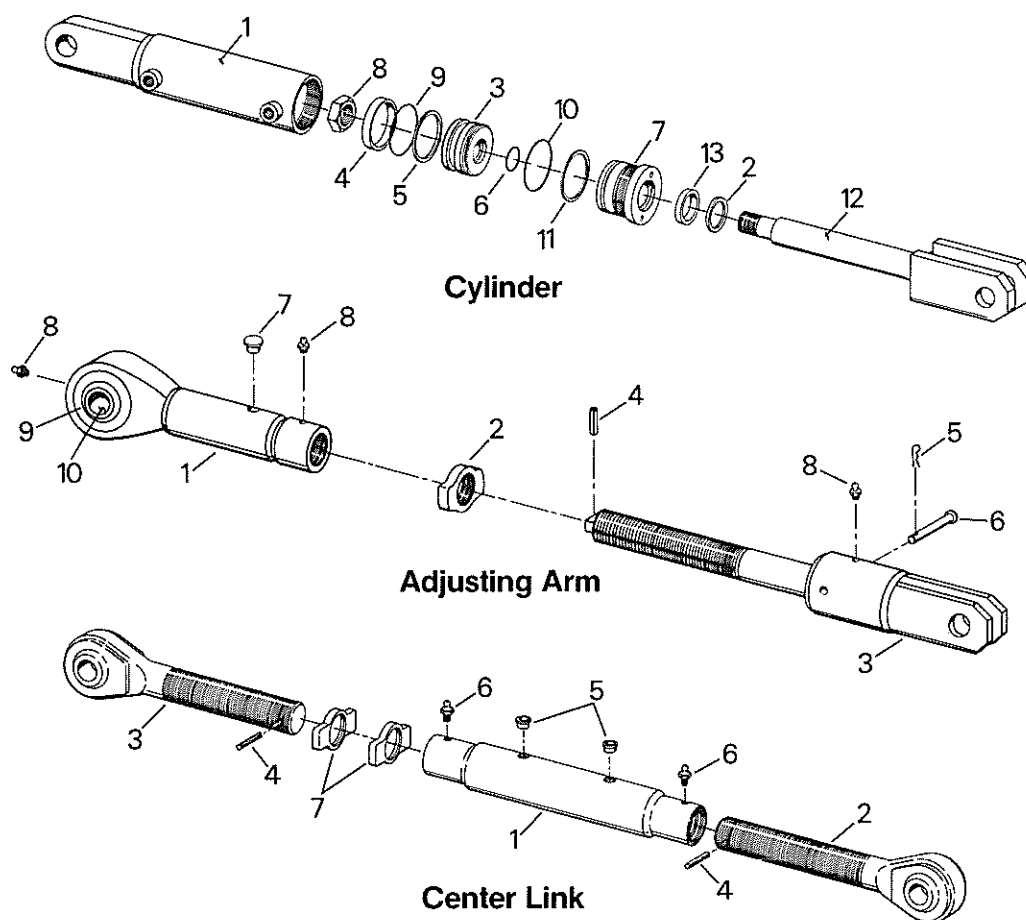
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3-Pt Hitch & Mounting

Ref.	Part No.	Description	Qty.
1	01-4855T1	Pillow Block (01-4855 - Code B)	2
2	70-1841T91	Rocker Shaft (incl Ref. 18)	1
3	19-5426	Capscrew	8
4	40-382	Pin	2
5	19-675	Capscrew	14
6	19-111	Washer	14
7	40-440	Pin	2
8		Adjusting Arm Assy (see Page 10-2)	2
9		Cylinder Assy (see Page 10-2)	2
10	40-430	Pin	4
11	40-380	Pin	2
12	40-432	Pin	2
13		Center Link Assy (see Page 10-2)	1
14	31-095	Lube Fitting (used on Pin P/N 40-430)	4
	31-094	Lube Fitting (used on Pillow Block Assy)	2

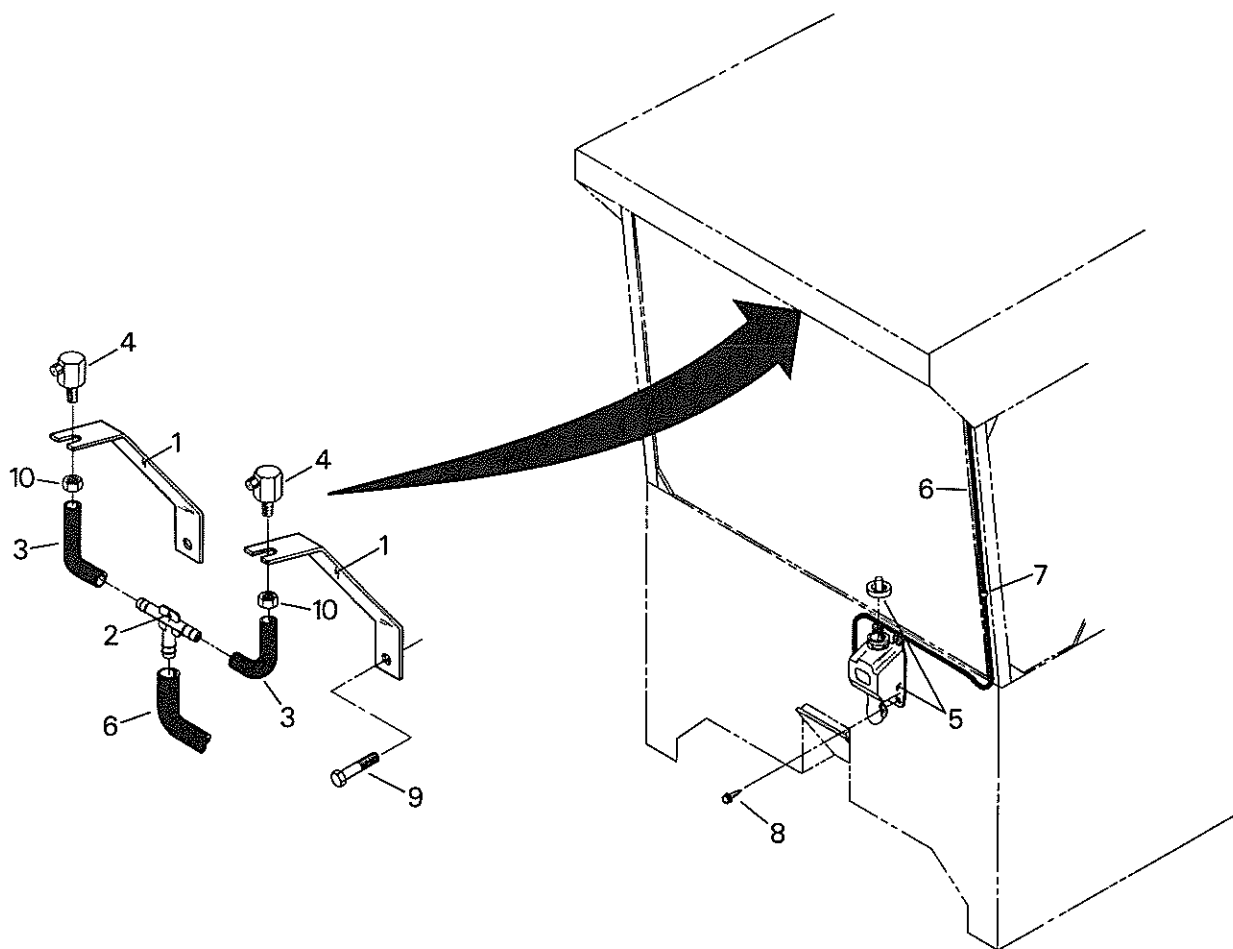
Ref.	Part No.	Description	Qty.
15	40-145T1	Lower Link Assy (incl Refs. 16, 17 & 18)	2
16	40-106	Uniball Housing	8
17	40-302	Uniball	4
18	15-021	Bushing	4
19	40-438	Pin	2
20	19-358	Hair Pin	2
21	19-257	Cornpicker Pin	2
22	9411887	Spring Pin	2
23	40-504	Quick Hitch Handle	2
24	40-330T1	Quick Hitch	1
25	19-767	Capscrew	4
26	01-4416	Wear Plate	2
27	19-2975	Washer	6
28	70-1538T1	Spacer	2
29	70-1537T1	Center Link Mount	1
30	19-420	Capscrew	6
31	22-791	Implement Mounting Bracket (01-4819 - Code F)	1



3-Pt Hitch Components

Ref.	Part No.	Description	Qty.
1-13	50-1058T91	Cylinder Assy	1
	35-1336T91	Seal Kit (incl Refs. 2, 4, 5, 6, 9, 10, 11 & 13)	AR
1	50-1065T1	Shell	1
2	01-9859T1	Wiper	1
3	01-9815T1	Piston	1
4	01-9854T1	Wear Ring	1
5	01-9855T1	Piston Seal	1
6	01-9857T1	O-Ring	1
7	50-1057T1	Rod Guide	1
8	19-5582	Lock Nut	1
9	01-9856T1	O-Ring	1
10	01-9852T1	O-Ring	1
11	01-9853T1	Backup Washer	1
12	01-9817T1	Rod	1
13	01-9858T1	Seal	1

Ref.	Part No.	Description	Qty.
1-10	40-373T91	Adjusting Arm Assy	1
1	40-372	Adjusting Arm (Top) (incl Refs. 9 & 10)	1
2	40-109	Lock Nut	1
3	40-375T1	Adjusting Arm (Bottom)	1
4	19-786	Coil Spring Pin	1
5	19-358	Hair Pin	1
6	40-322	Float Pin	1
7	18-1292	Plastic Plug	2
8	31-094	Lube Fitting	3
9	40-139	Uniball Housing	2
10	40-141	Uniball	1
1-7	70-1836T91	Center Link Assy	1
1	02-3650T1	Tube	1
2	70-1837T1	Socket & Rod	1
3	70-1838T1	Socket & Rod	1
4	19-175	Spring Pin	2
5	01-9116	Plastic Closure	4
6	31-095	Lube Fitting	2
7	02-3651T1	Lock Nut	2



Window Washer

Ref.	Part No.	Description	Qty.
1	04-1002	Nozzle Bracket	2
2	01-1344	Tee	1
3	31-1194	Hose	2
4	01-1345	Nozzle Kit (incl Refs. 2 & 10)	1
5	01-1346	Container	1
6	31-1195	Hose	1

Ref.	Part No.	Description	Qty.
7	01-2135	Clip	11
8	19-958	Tapping Screw	4
9	19-1048	Capscrew	2
10	19-236	Jam Nut	2
11	01-2172	Window Washer Fluid (1 qt) (not shown)	1

500 Hr Field Support Kit (Cummins 855 Engine)

Part No.	Description	Qty.	Part No.	Description	Qty.
35-1404T91	Field Support Kit (incl the following items)	1	45-252	Primary Air Cleaner	1
01-2187	Engine Oil Filter**	3	45-253	Secondary Air Cleaner	1
28-035	Fuel Filter	6	28-031	Water Filter	1
18-502	Transfer Case Filter*	2	90-1158T1	Lube Filter**	3
54-304T1	Cab Air Filter	1	02-2038	Trans Filter*	2
			50-1911T91	Hydraulic Oil Filter*	4

*Includes extra filters for initial 100 Hr. replacement (see Operator's Manual).

**Includes extra filters for initial 30 Hr. replacement (see Operator's Manual)

1000 Hr Field Support Kit (Cummins 855 Engine)

Part No.	Description	Qty.	Part No.	Description	Qty.
35-1405T91	Field Support Kit (incl the following items)	1	45-253	Secondary Air Cleaner	2
01-2187	Engine Oil Filter**	5	28-031	Water Filter	4
28-035	Fuel Filter	12	90-1158T1	Lube Filter**	5
18-502	Transfer Case Filter*	3	02-2038	Trans Filter*	3
54-304T1	Cab Air Filter	1	18-1633	Press. Valve Filter	1
45-252	Primary Air Cleaner	2	50-1911T91	Hydraulic Oil Filter*	6

*Includes extra filters for initial 100 Hr. replacement (see Operator's Manual).

**Includes extra filters for initial 30 Hr. replacement (see Operator's Manual)

500 Hr Field Support Kit (Cat 3406 Engine)

Part No.	Description	Qty.	Part No.	Description	Qty.
35-1406T91	Field Support Kit (incl the following items)	1	45-252	Primary Air Cleaner	1
01-2335	Engine Oil Filter**	3	45-253	Secondary Air Cleaner	1
01-2334	Fuel Filter	3	28-031	Water Filter	2
18-502	Transfer Case Filter*	2	01-2336	Primary Fuel Filter	1
54-304T1	Cab Air Filter	1	02-2038	Trans Filter*	2
			50-1911T91	Hydraulic Oil Filter*	4

*Includes extra filters for initial 100 Hr. replacement (see Operator's Manual).

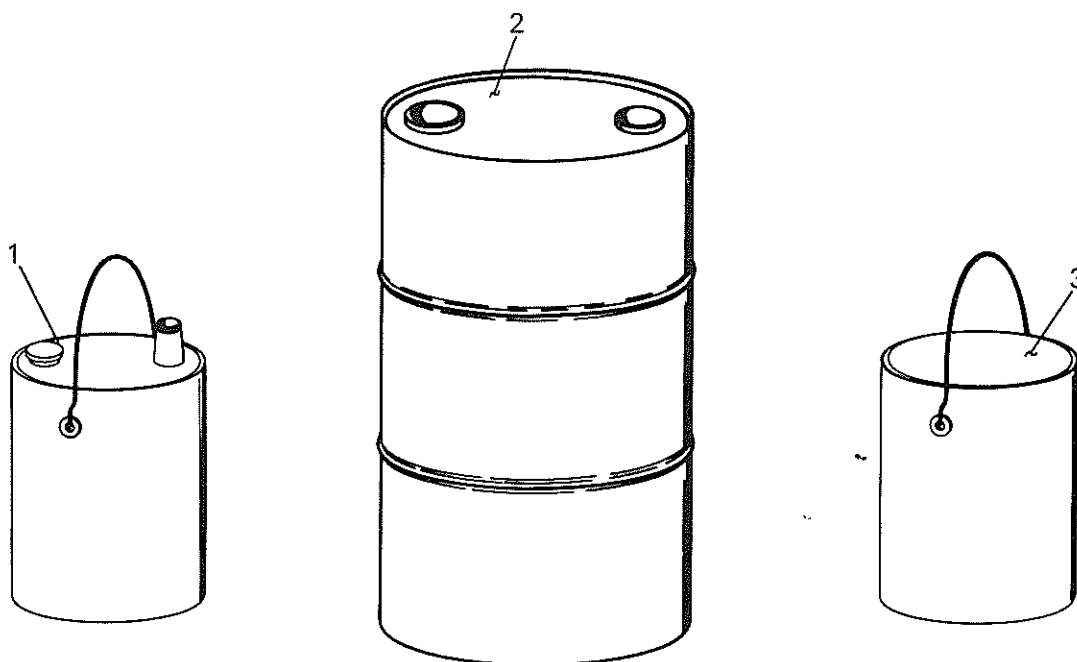
**Includes extra filters for initial 30 Hr. replacement (see Operator's Manual)

1000 Hr Field Support Kit (Cat 3406 Engine)

Part No.	Description	Qty.	Part No.	Description	Qty.
35-1407T91	Field Support Kit (incl the following items)	1	45-253	Secondary Air Cleaner	2
01-2335	Engine Oil Filter**	5	28-031	Water Filter	4
01-2334	Fuel Filter	6	01-2336	Primary Fuel Filter	2
18-502	Transfer Case Filter*	3	02-2038	Trans Filter*	3
54-304T1	Cab Air Filter	1	18-1633	Press. Valve Filter	1
45-252	Primary Air Cleaner	2	50-1911T91	Hydraulic Oil Filter*	6

*Includes extra filters for initial 100 Hr. replacement (see Operator's Manual).

**Includes extra filters for initial 30 Hr. replacement (see Operator's Manual)

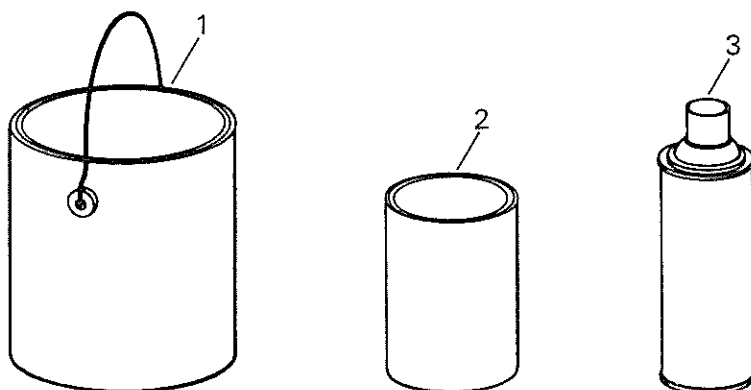


NOTE: Check your operator's manual for proper lubricants & applications.

Lubricants

Ref.	Part No.	Description	Qty.
1	01-4642	Gear Oil - SAE 80W90 (5 gal.)	1
	01-4640	Gear Oil - SAE 85W140 (5 gal.)	
	02-4625T1	Gear Oil - SAE 90W (5 gal.)	
	01-4647	Hydraulic & Trans Oil (5 gal.)	
	02-4623T1	Trans Oil (303) (5 gal.)	
	02-4624T1	Hydraulic & Trans Oil (Hy-Tran) (5 gal.)	
	02-4626T1	Hydraulic Oil (Rando B) (5 gal.)	
	01-7787	Motor Oil - SAE 10W (5 gal.)	
	01-7790	Motor Oil - SAE 10W30 (5 gal.)	
	01-7793	Motor Oil - SAE 30W (5 gal.)	
	02-4622T1	Motor Oil - SAE 15W40 (5 gal.)	

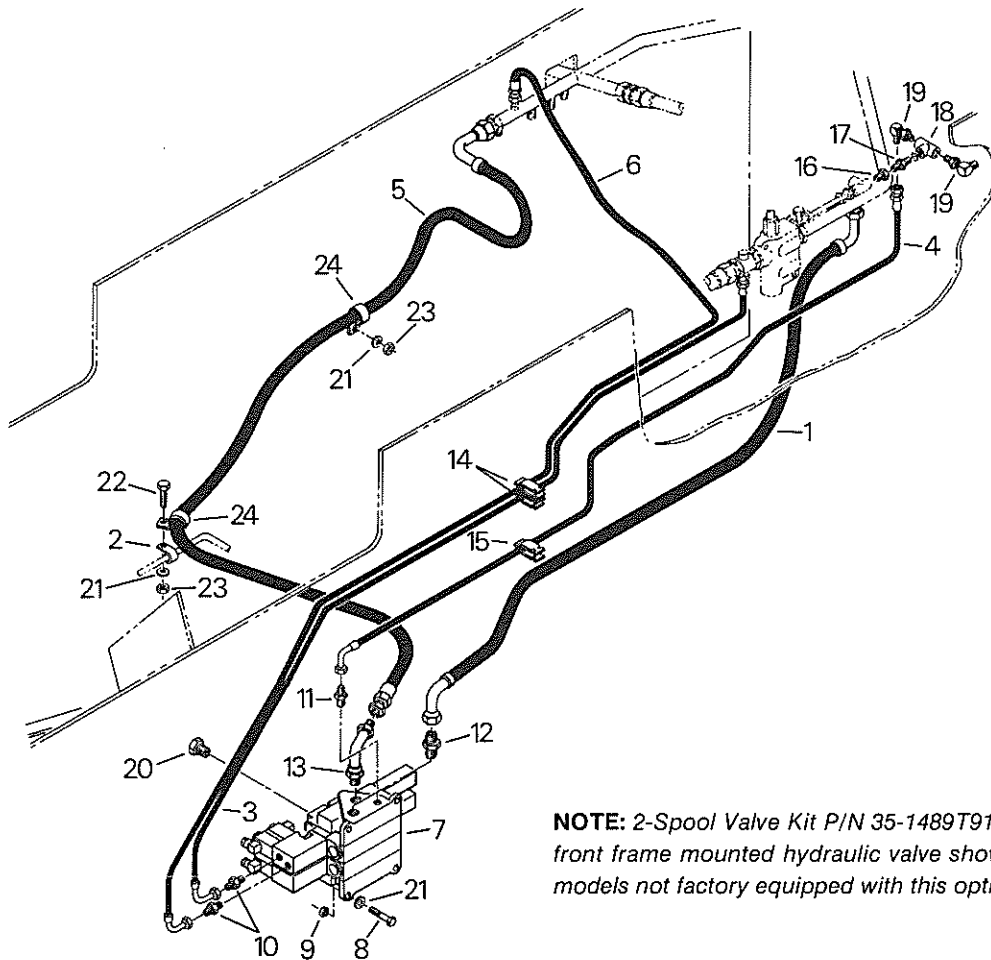
Ref.	Part No.	Description	Qty.
2	01-4643	Gear Oil - SAE 80W90 (30 gal.)	1
	01-4641	Gear Oil - SAE 85W140 (30 gal.)	
	01-4646	Hydraulic & Trans Oil (30 gal.)	
	01-7788	Motor Oil - SAE 10W (30 gal.)	
	01-7791	Motor Oil - SAE 10W30 (30 gal.)	
	01-7794	Motor Oil - SAE 30W (30 gal.)	
	02-6894T1	Motor Oil - SAE 15W40 (30 gal.)	
3	01-4644	All-Purpose Grease (35 lb)	1
	01-2390	All-Purpose Grease (Cartridge)	1



Paint

Ref.	Part No.	Description	Qty.
1	02-5315T1	Semi-Gloss Black (1 gal.)	1
	02-6672T1	Yellow (1 gal.)	
2	02-6956T1	Hi-Heat Black (1 qt)	1
	02-5316T1	Semi-Gloss Black (1 qt)	
	02-6671T1	Yellow (1 qt)	

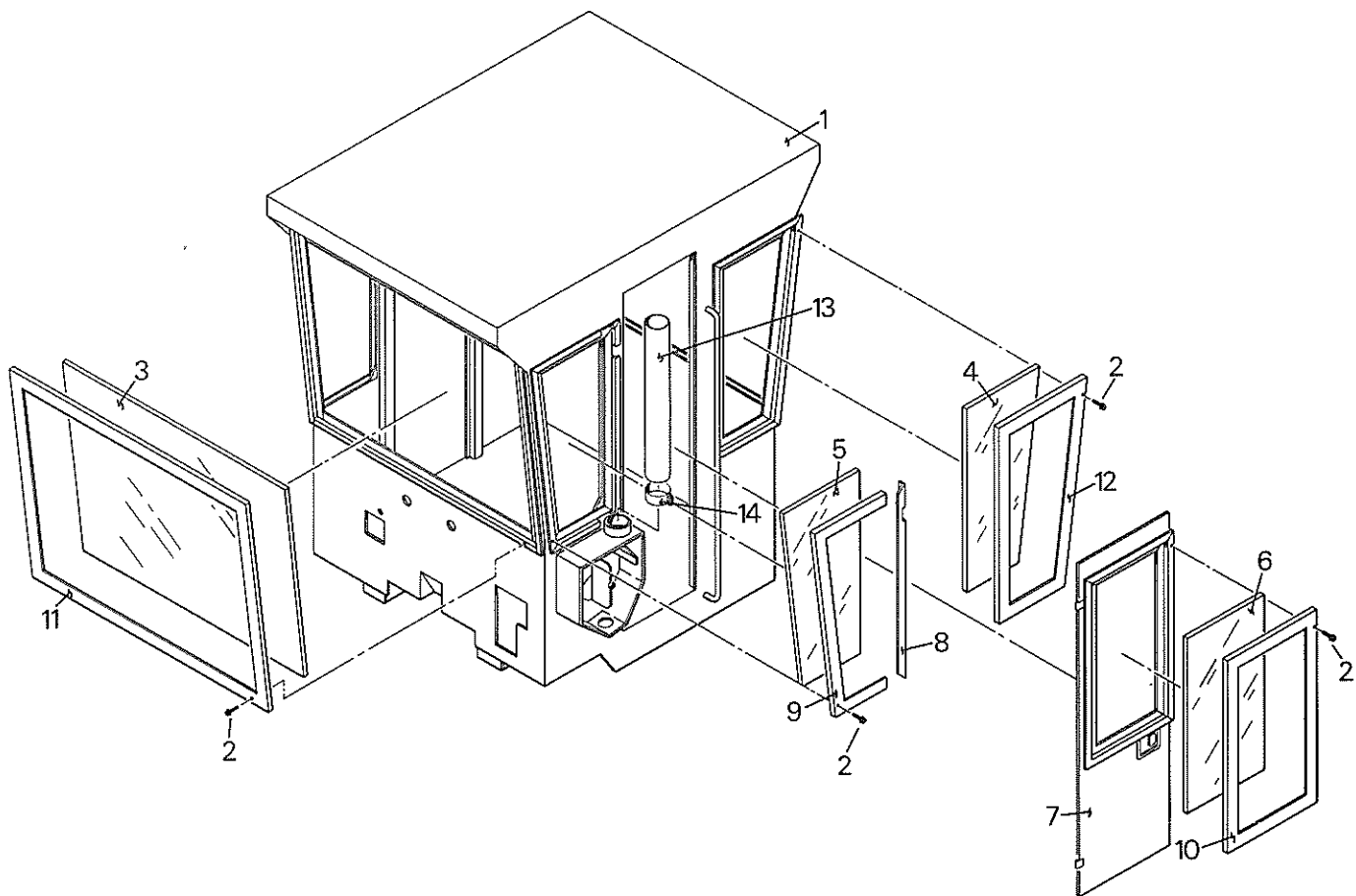
Ref.	Part No.	Description	Qty.
3	27-092	Hi-Heat Black (spray)	1
	02-5313T1	Semi-Gloss Black (spray)	
	02-6670T1	Yellow (spray)	



2-Spool Hydraulic Valve System (Front Frame Mount)

Ref.	Part No.	Description	Qty.
1	31-2129	Hose	1
2	32-161	Clamp	1
3	31-1933	Hose	1
4	31-2358	Hose	1
5	31-2152	Hose	1
6	31-2061	Hose	1
7		Hydraulic Valve Assy (see Page 8-22)	1
8	19-021	Capscrew	3
9	19-087	Lock Nut	3
10	18-1539	Adapter (4)	2
11	31-1751	Adapter (4)	1
12	01-4144	Adapter (16)	1

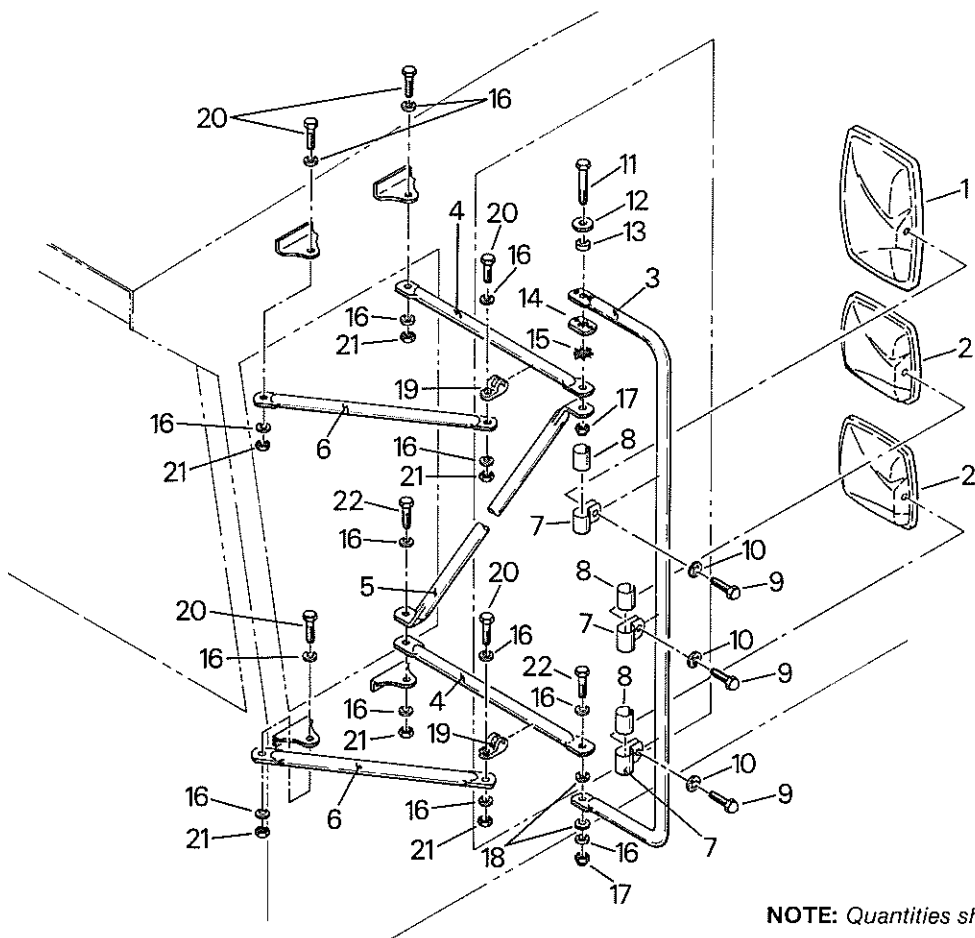
Ref.	Part No.	Description	Qty.
13	50-1502T2	Elbow (16)	1
14	31-1368	Clamp Assy	2
15	31-1212	Clamp Assy	1
16	31-2146	Reducer	1
17	31-608	Adapter (4)	1
18	31-1778	Shuttle Valve	1
19	31-1753	Elbow (4)	2
20	9410363	Plug (with O-Ring) (16)	4
21	19-107	Washer	6
22	19-017	Capscrew	1
23	19-078	Nut	2
24	31-1411	Clamp	2
25	19-135	Ty Rap (not shown)	13



Lexan® Windows

Ref.	Part No.	Description	Qty.
1		Cab Structure (special order item)	1
2	19-5888	Tapping Screw	253
3	60-2601T1	Window	2
4	60-2603T1	Window	3
5	60-2681T1	Window	1
6	60-2602T1	Window	2
7	60-2560T2	Door Frame (Left)	1
	60-2561T2	Door Frame (Right)	1
8	60-2682T2	Angle	1

Ref.	Part No.	Description	Qty.
9	60-2678T2	Frame	1
10	60-2604T2	Frame	2
11	60-2606T2	Frame	2
12	60-2608T2	Frame (Right Front & Left Rear Windows)	2
	60-2610T2	Frame (Right Rear Window)	1
13	02-5301T1	Intake Tube	1
14	31-1061	Clamp Assy	1
15	01-1055	RTV Sealant (not shown)	AR

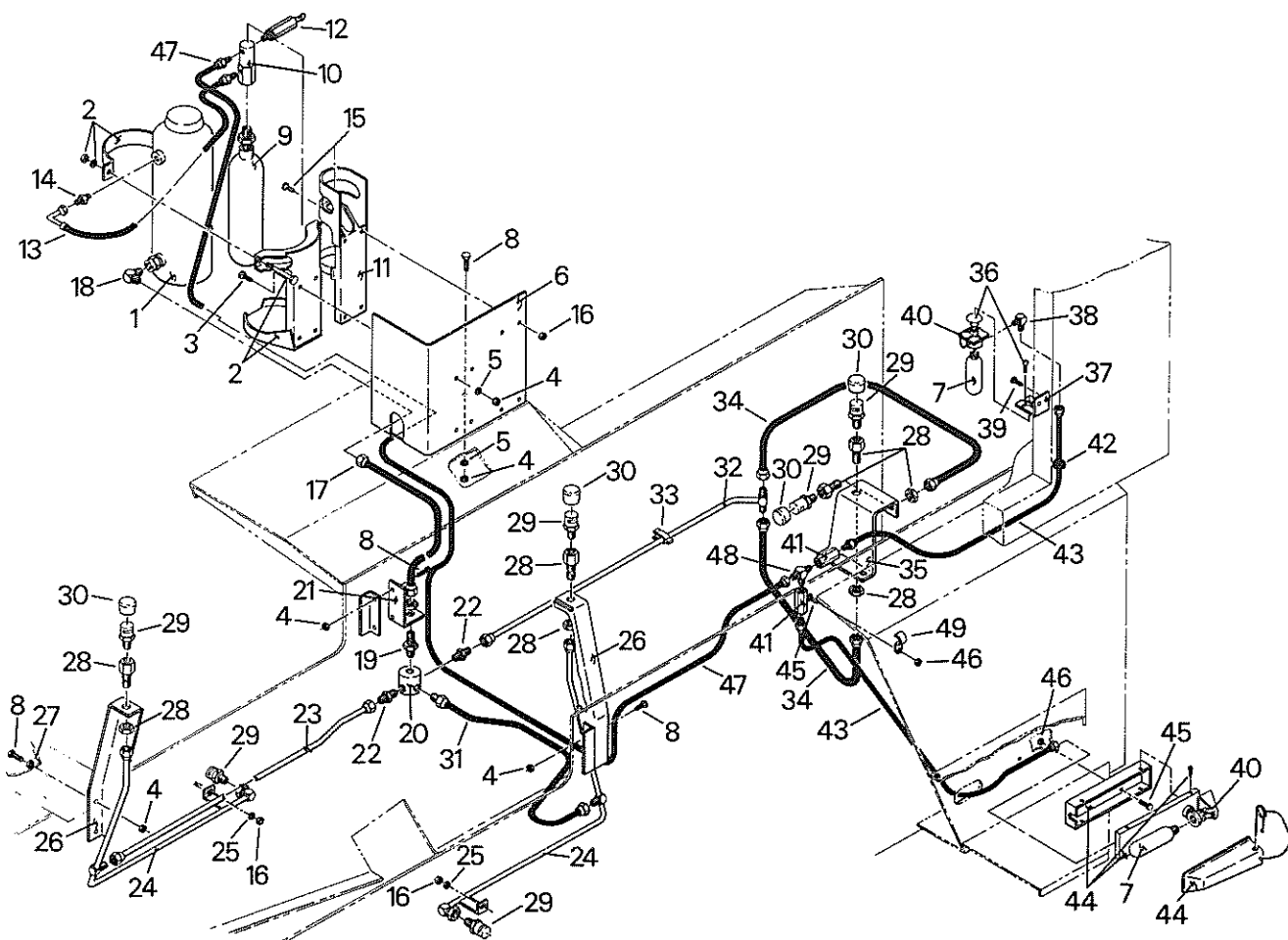


NOTE: Quantities shown are for one side only.

Rear View Mirrors

Ref.	Part No.	Description	Qty.
1	60-2340T1	Mirror	1
2	60-2341T1	Mirror	2
3	60-2338T1	Loop	1
4	60-2335T1	Brace	2
5	60-2336T1	Brace	1
6	60-2337T1	Brace	2
7	19-5902	Clamp	3
8	60-2343T1	Clamp Gasket	3
9	19-5913	Crown Head Bolt	3
10	19-5909	Lock Washer	3
11	19-5903	Capscrew	1

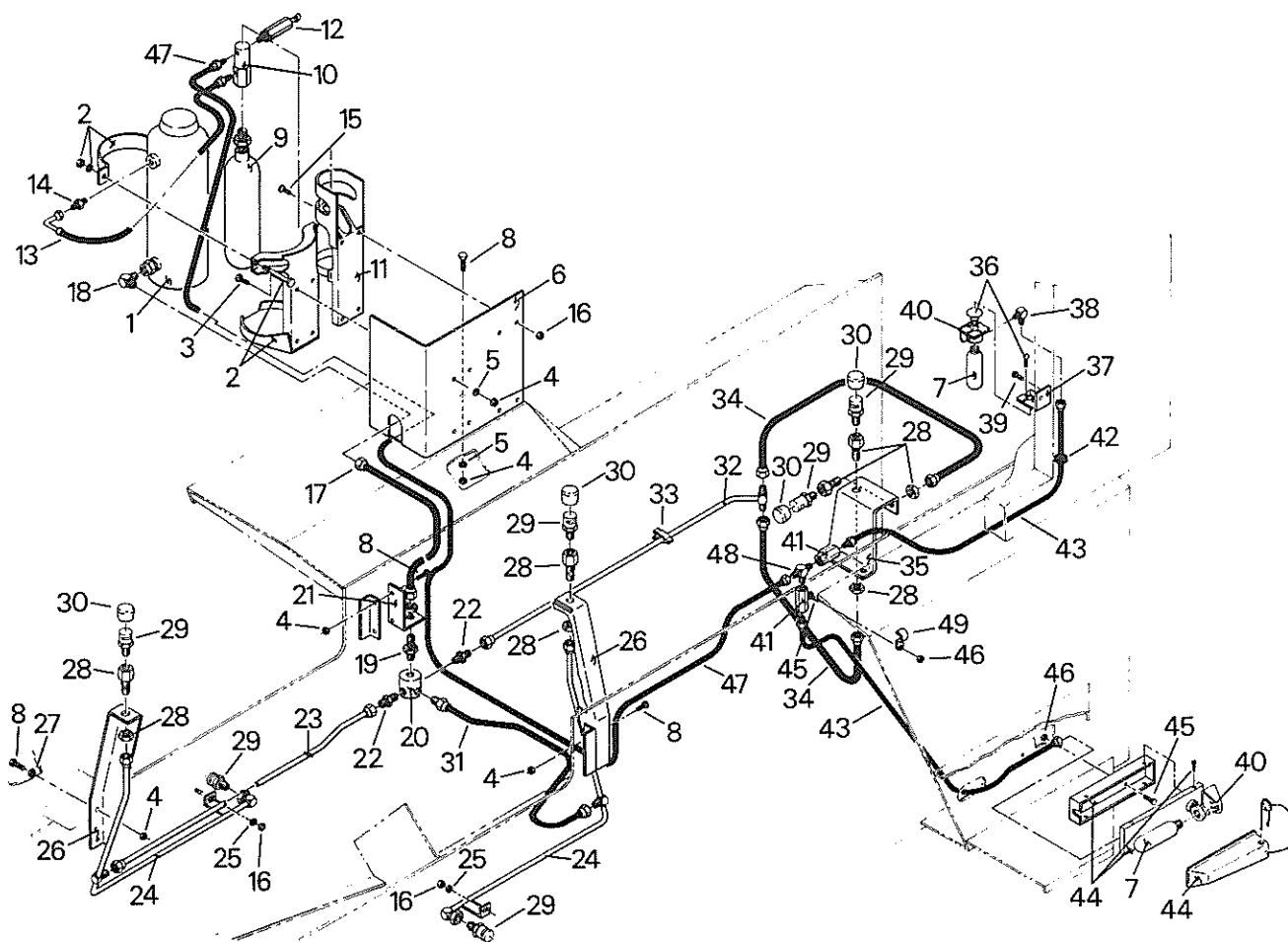
Ref.	Part No.	Description	Qty.
12	19-5912	Retaining Cap	1
13	19-5911	Tension Washer	1
14	60-2339T1	Lock Plate	1
15	19-5908	Lock Washer	1
16	19-5905	Washer	15
17	19-5907	Lock Nut	2
18	19-5910	Fiber Washer	2
19	19-5901	Clamp	2
20	19-5906	Capscrew	5
21	19-5904	Nut	6
22	19-5914	Capscrew	2



Fire Protection System

Ref.	Part No.	Description	Qty.
1	02-5053T1	Agent Tank	1
2	02-5054T1	Agent Tank Bracket	1
3	19-018	Capscrew	4
4	19-341	Lock Nut	13
5	19-107	Washer	7
6	02-5050T2	Bracket	1
7	02-5071T1	Cartridge	2
8	19-017	Capscrew	9
9	02-5056T1	Cartridge	1
10	02-5055T1	Pneumatic Actuator	1
11	02-5057T1	Cartridge Bracket	1
12	02-5058T1	Safety Valve	1
13	31-2208	Hose	1
14	31-608	Fitting	1
15	19-007	Capscrew	4
16	19-077	Nut	6
17	31-2089	Hose	1
18	31-399	Elbow	1
19	31-2090	Adapter	1
20	02-5059T1	Distribution Tee	1

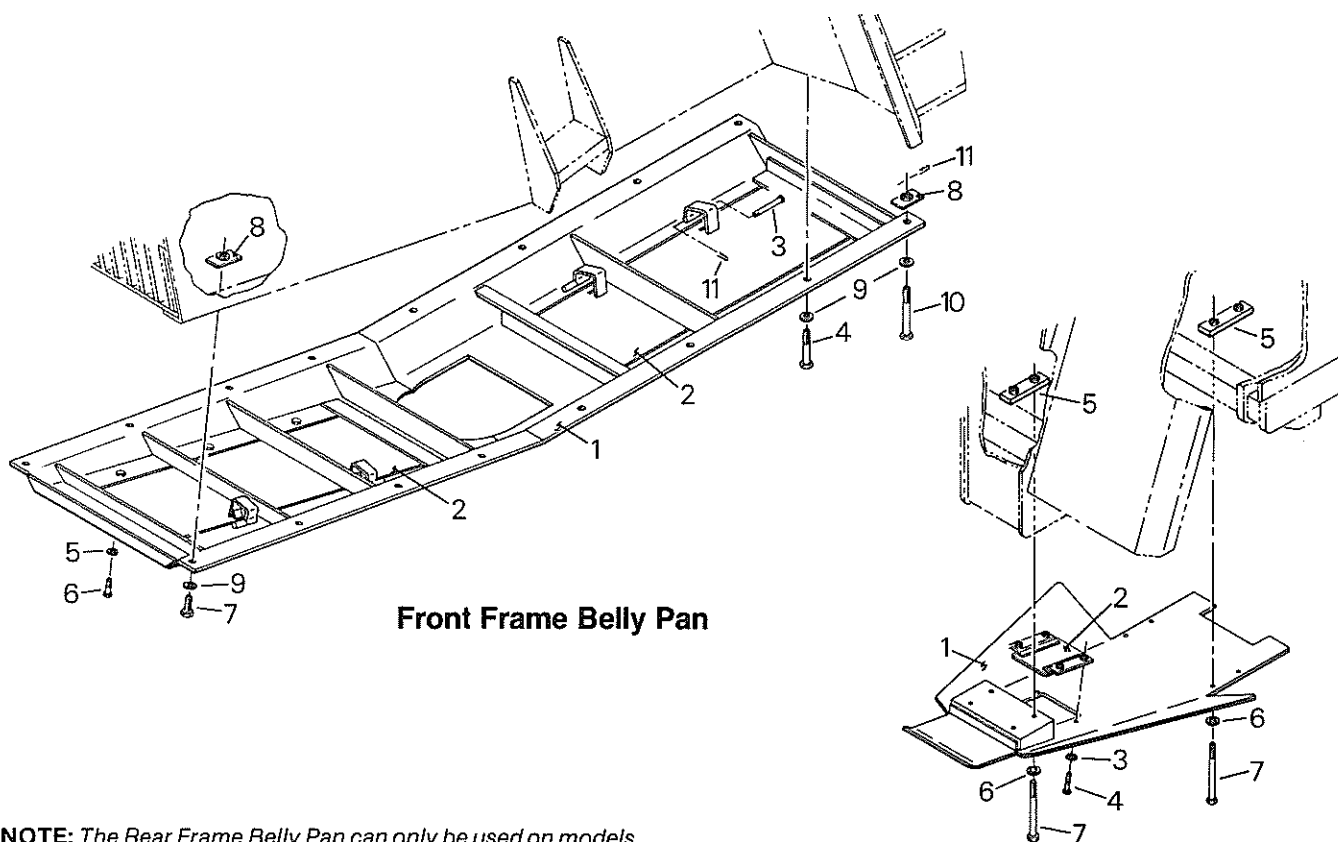
Ref.	Part No.	Description	Qty.
21	02-5060T2	Bracket	1
22	31-449	Fitting	2
23	02-5061T1	Tube	1
24	02-5062T1	Tube	2
25	19-700	Washer	2
26	02-5063T1	Bracket	2
27	19-109	Washer	2
28	31-2091	Adapter	4
29	02-5066T1	Nozzle	6
30	02-5067T1	Blowoff Cap	4
31	31-2087	Hose	1
32	02-5069T1	Tube	1
33	31-1368	Clamp Assy	1
34	31-1940	Hose	2
35	02-5068T1	Bracket	1
36	02-5070T1	Actuator	1
37	02-5073T1	Bracket	1
38	31-661	Elbow	1
39	19-957	Tapping Screw	2
40	02-5074T1	Lead Wire Seal	2



Fire Protection System

Ref.	Part No.	Description	Qty.
41	02-5075T1	Check Valve	2
42	01-1050	Grommet	1
43	31-2081	Hose	2
44	02-5076T1	Remote Actuator	1
45	19-002	Capscrew	4

Ref.	Part No.	Description	Qty.
46	19-1081	Lock Nut	4
47	31-2086	Hose	1
48	31-2096	Tee	1
49	18-633	Clamp	2



Front Frame Belly Pan

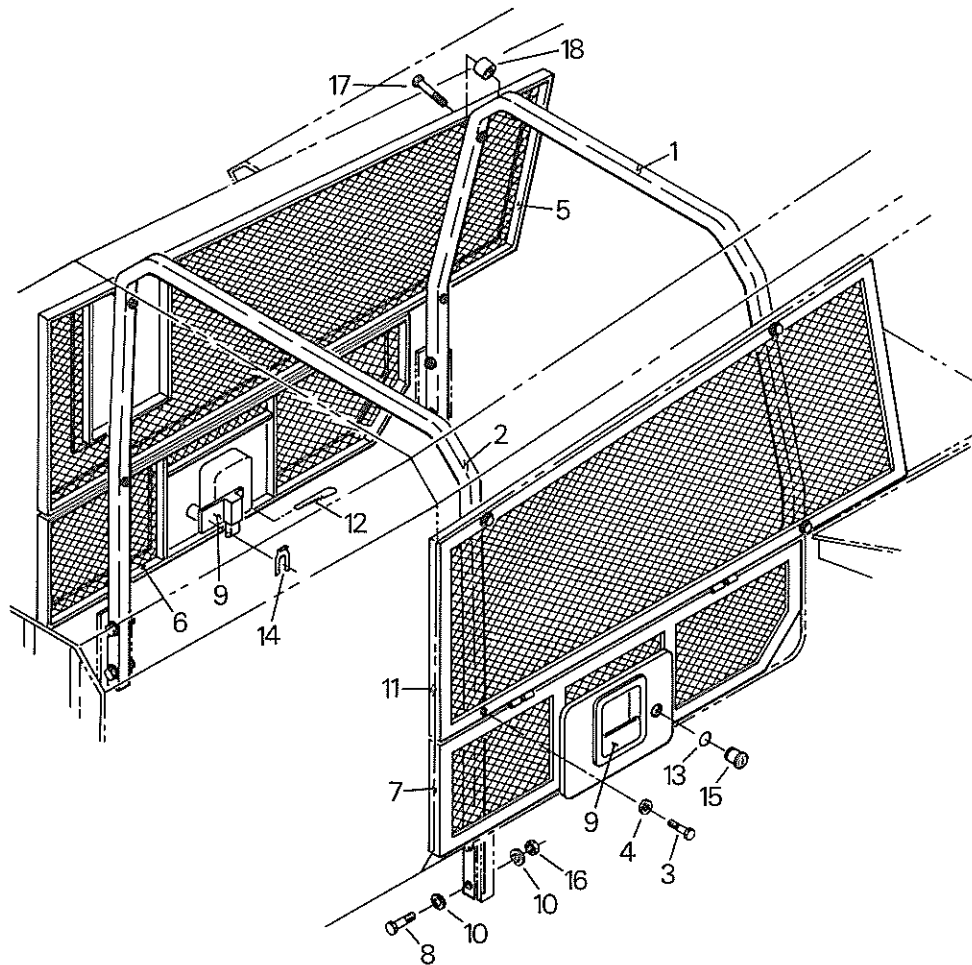
Rear Frame Belly Pan

NOTE: The Rear Frame Belly Pan can only be used on models with the Standard Rear Frame.

Front & Rear Frame Belly Pans

Ref.	Part No.	Description	Qty.
1	02-5116T2	Front Frame Belly Pan	1
2	02-4726T1	Door	2
3	19-5989	Clevis Pin	4
4	9429873	Capscrew	6
5	19-306	Washer	10
6	19-018	Capscrew	10
7	19-061	Capscrew	8
8	70-2496T1	Bracket	16
9	19-538	Washer	16
10	19-5984	Capscrew	2
11	19-5400	Hair Pin	6

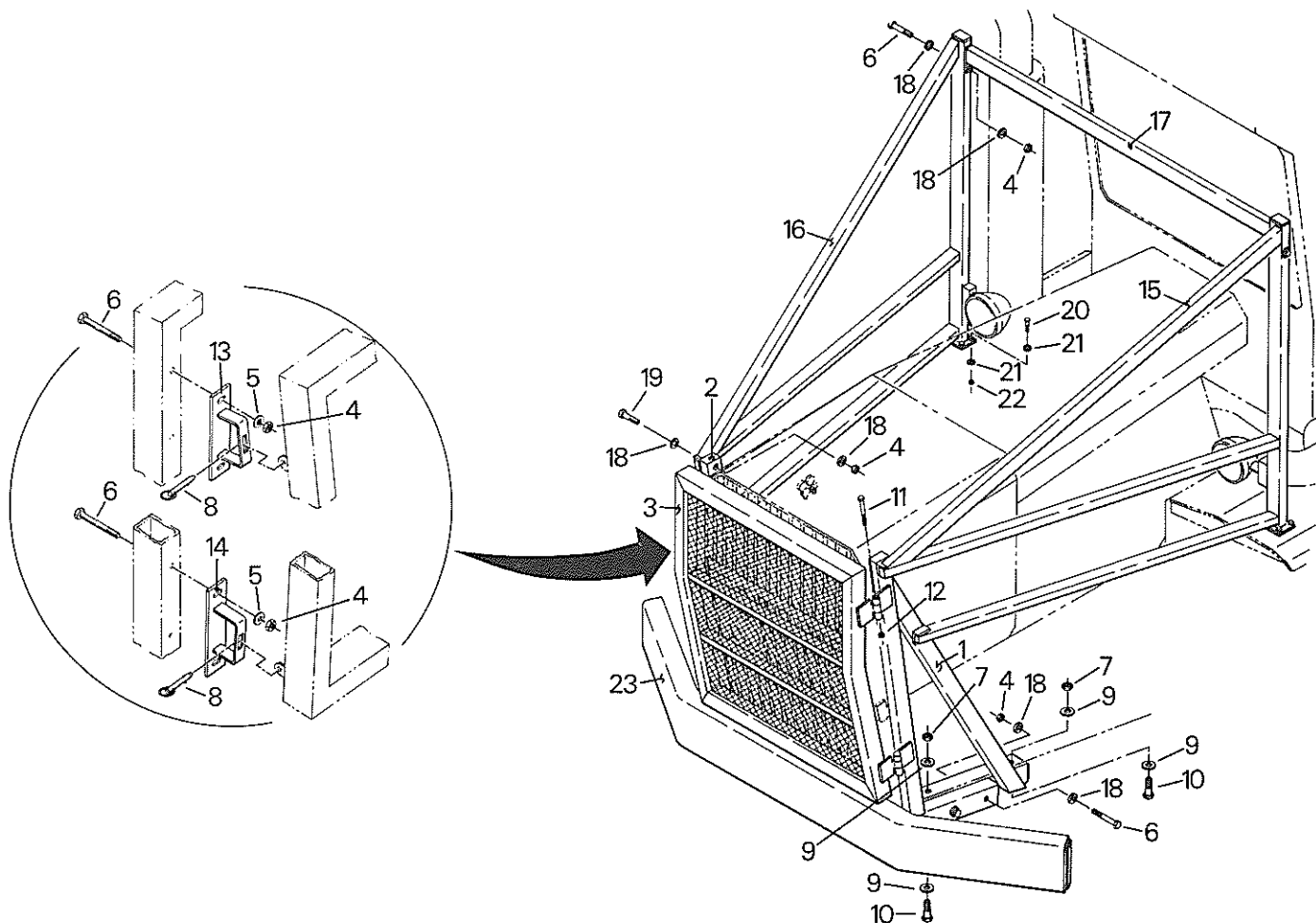
Ref.	Part No.	Description	Qty.
1	02-5119T2	Rear Frame Belly Pan (see Note)	1
2	02-4776T1	Door	1
3	19-306	Washer	4
4	19-018	Capscrew	4
5	02-4784T1	Bracket	4
6	19-109	Washer	8
7	189315	Capscrew	8



Side Guards

Ref.	Part No.	Description	Qty.
1	70-2337T2	Brace	1
2	70-2339T2	Brace	1
3	19-022	Capscrew	7
4	19-306	Washer	8
5	70-2372T2	Side Screen (Right)	1
6	70-2373T3	Screen Door (Right) (70-2373T2 - Code E)	1
7	70-2377T3	Screen Door (Left) (70-2377T2 - Code E)	1
8	19-046	Capscrew	8
9	60-2262T91	Latch (incl 60-2533T1 Spring Bracket & 60-2532T1 Gasket)	2

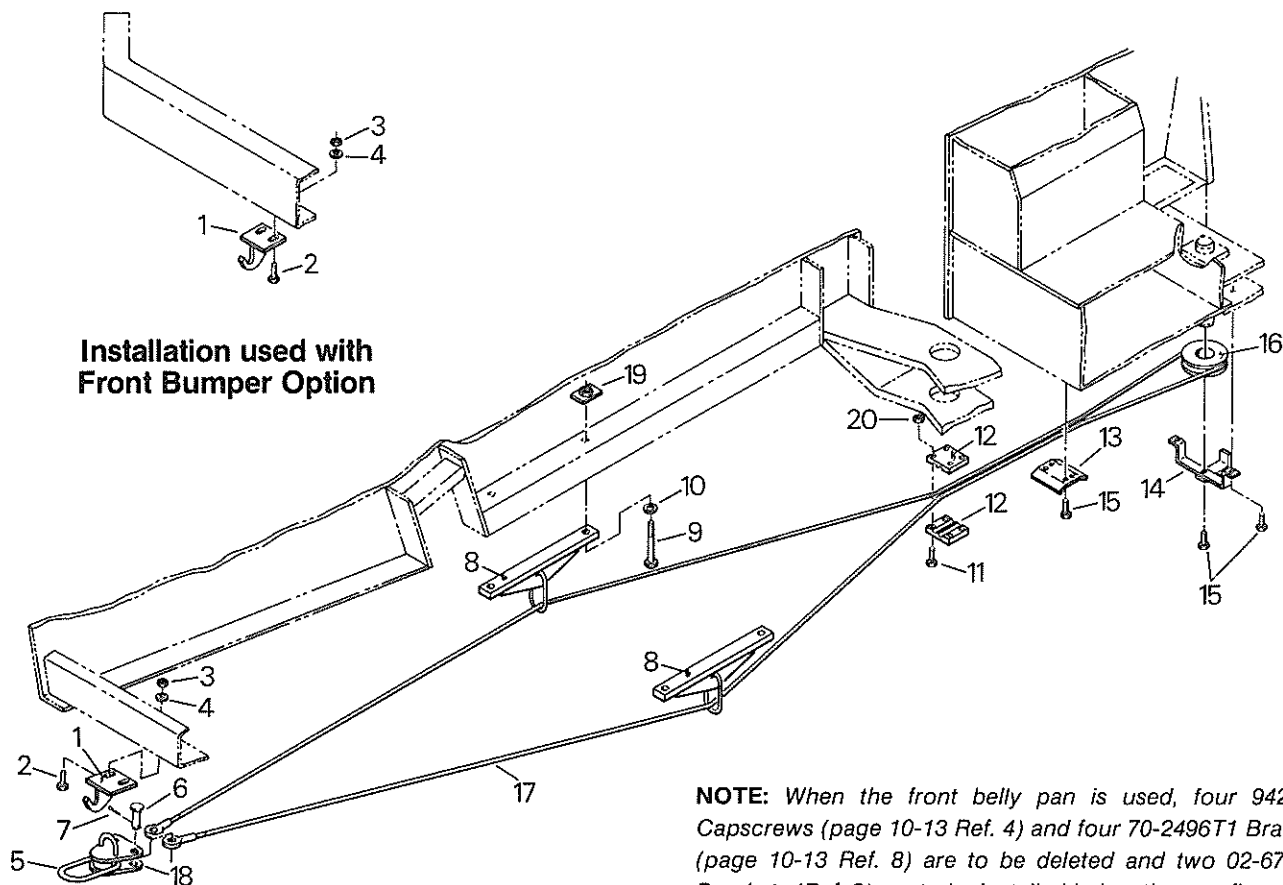
Ref.	Part No.	Description	Qty.
10	19-109	Washer	16
11	70-2376T2	Side Screen (Left)	1
12	60-2266T1	Mounting Key	4
13	01-4074	Rubber Washer	2
14	01-4788	Mounting Clip	2
15	60-1020T1	Lockset (contains new keys and locks for Cab Doors & Steering Column)	1
16	19-081	Nut	8
17	19-292	Capscrew	1
18	02-7128T1	Spacer	1



Grille Guard, Brush Deflector & Front Bumper

Ref.	Part No.	Description	Qty.
1	70-2431T2	Support Mount (Left)	1
2	70-2432T2	Support Mount (Right)	1
3	70-2428T2	Grille Guard	1
4	19-081	Nut	16
5	19-109	Washer	4
6	19-483	Capscrew	14
7	19-083	Nut	4
8	19-5696	Pull Pin	2
9	19-111	Washer	8
10	19-061	Capscrew	4
11	9419187	Capscrew	2
12	19-341	Lock Nut	2

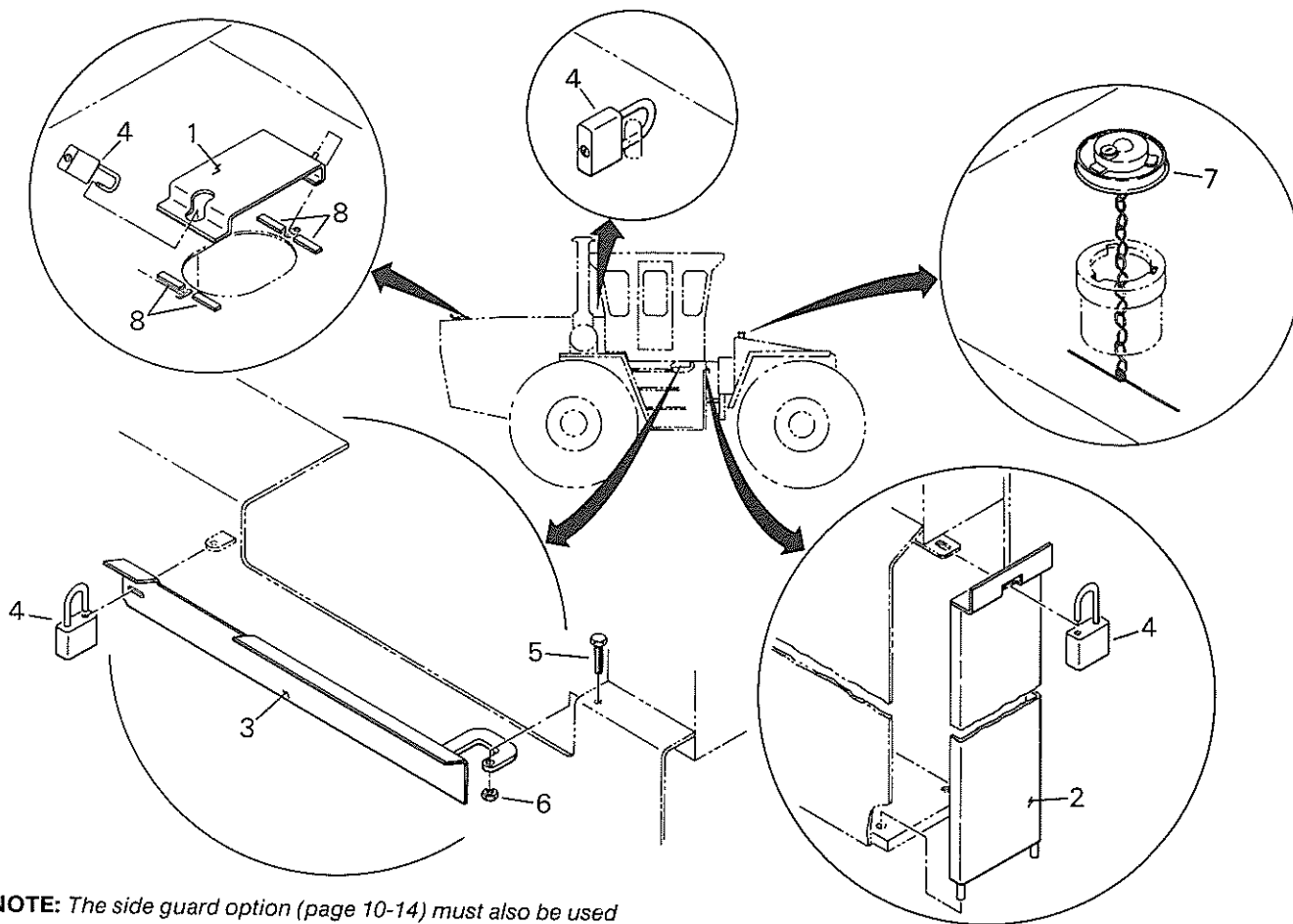
Ref.	Part No.	Description	Qty.
13	70-2603T1	Lock	1
14	70-2602T1	Lock	1
15	70-2425T2	Brush Deflector (Left)	1
16	70-2427T2	Brush Deflector (Right)	1
17	70-2424T2	Support	1
18	19-710	Washer	24
19	19-048	Capscrew	2
20	19-017	Capscrew	8
21	19-224	Washer	16
22	19-087	Lock Nut	8
23	70-2429T1	Bumper	1



Tow Rope

Ref.	Part No.	Description	Qty.
1	02-6792T1	Bracket	1
2	19-269	Capscrew	2
3	19-081	Nut	2
4	19-109	Washer	2
5	02-6832T1	Link	1
6	19-6050	Clevis Pin	2
7	19-376	Cotter Pin	2
8	02-6793T1	Bracket	2
9	19-5984	Capscrew	4
10	19-538	Washer	4

Ref.	Part No.	Description	Qty.
11	19-022	Capscrew	4
12	02-6810T1	Block	2
13	02-6796T1	Plate	1
14	02-6798T1	Bracket	1
15	19-044	Capscrew	7
16	02-6799T1	Sheave	1
17	02-6809T1	Tow Cable	1
18	02-6811T1	Block	1
19	70-2496T1	Bracket	4
20	19-078	Nut	4

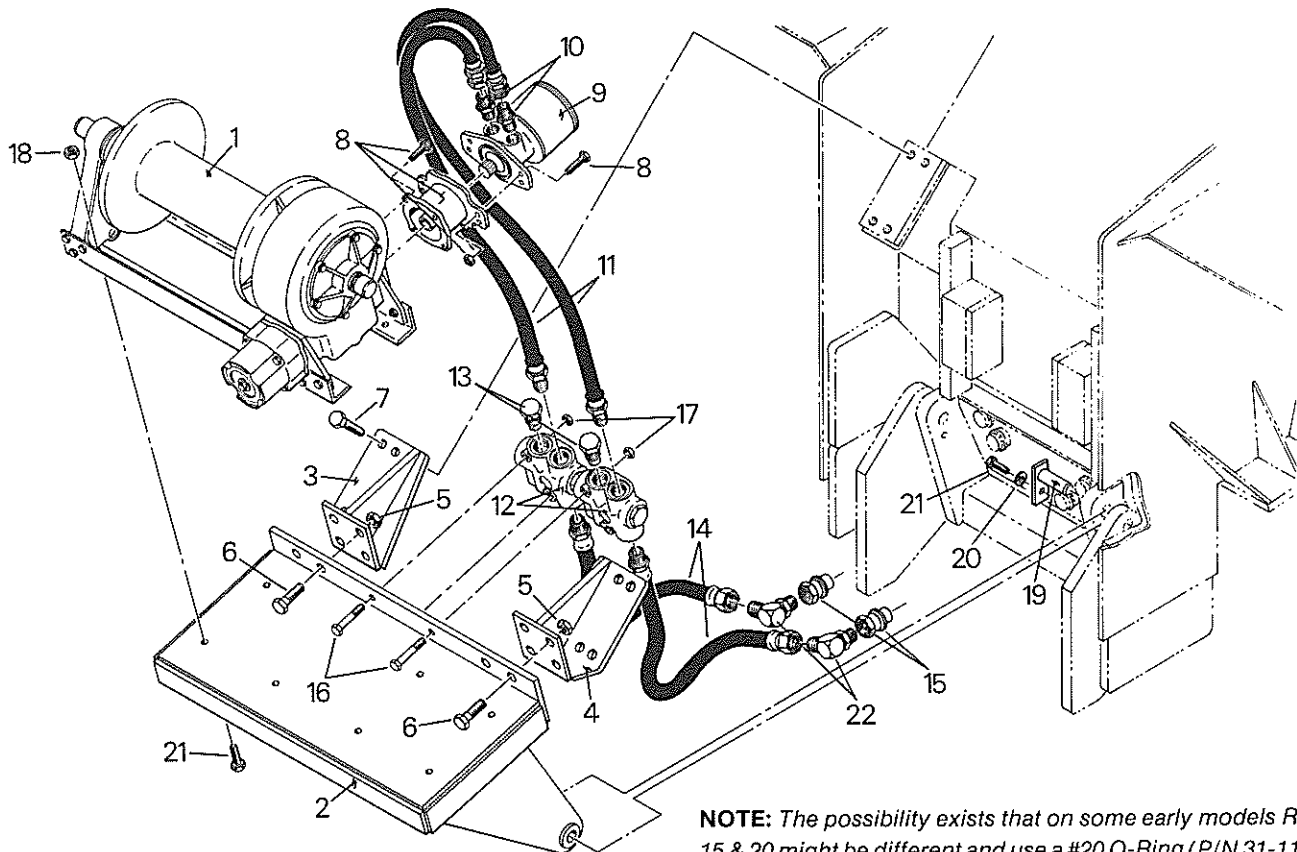


NOTE: The side guard option (page 10-14) must also be used with this group.

Vandal Protection Group

Ref.	Part No.	Description	Qty.
1	02-5190T1	Cover	1
2	02-5186T1	Cover	1
3	02-5195T2	Cover	1
4	02-5204T2	Padlock Kit	1
5	19-821	Capscrew	1
6	19-082	Lock Nut	1

Ref.	Part No.	Description	Qty.
7	02-6604T91	Locking Fuel Cap Assy (service breakdown below)	1
	02-6605T1	Key & Lock Assy	1
	02-6606T1	Gasket	1
8	02-6847T1	Foam Strip	4

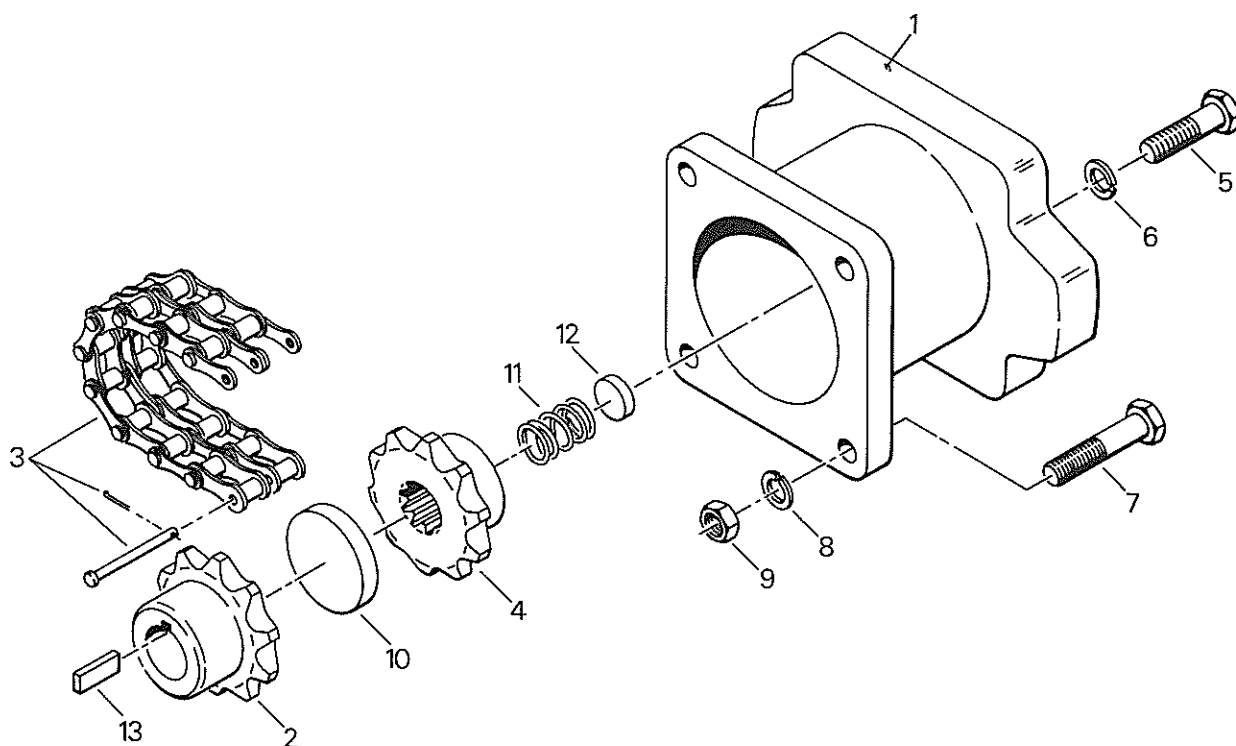


NOTE: The possibility exists that on some early models Refs. 15 & 20 might be different and use a #20 O-Ring (P/N 31-1101) rather than the #16 as shown below.

Winch & Mounting

Ref.	Part No.	Description	Qty.
1		Winch Assy (see Page 10-21)	1
2	02-5114T2	Mount	1
3	02-5115T1	Bracket	1
4	02-5113T1	Bracket	1
5	19-085	Lock Nut	8
6	19-394	Capscrew	8
7	271813	Capscrew	8
8		Winch Direct Drive Assy (see Page 10-19)	1
9		Hydraulic Motor Assy (see Page 10-20)	1
10	18-608	Fitting (10)	2
11	31-2141	Hose (16)	2

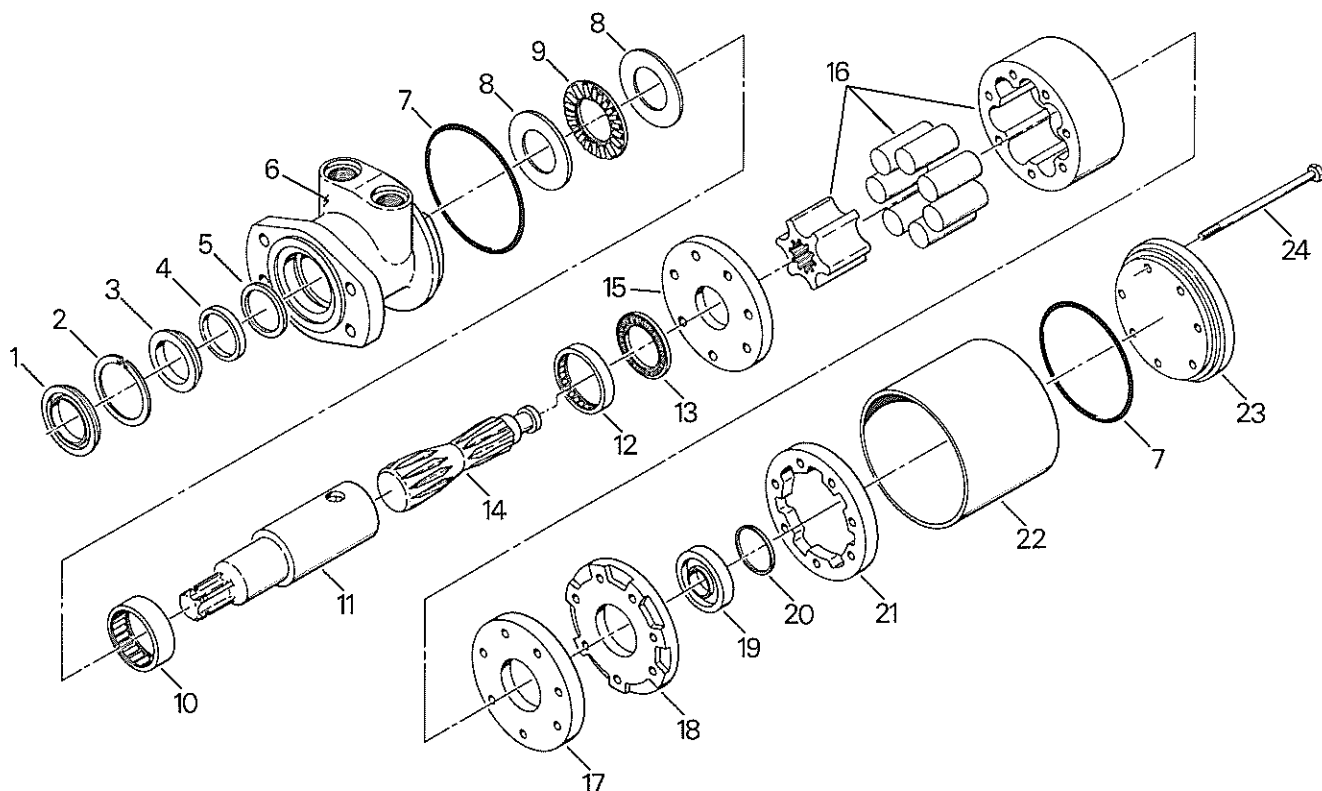
Ref.	Part No.	Description	Qty.
12		Flow Divider Assy (see Page 10-24)	2
13	9410363	Plug (with O-Ring) (16)	2
14	31-2140	Hose (16)	2
15	50-1627T1	Adapter (16)	2
16	19-025	Capscrew	4
17	19-087	Lock Nut	4
18	19-222	Lock Nut	8
19	40-380	Pin	2
20	19-111	Washer	2
21	19-675	Capscrew	10
22	31-479	Elbow (16)	2



Winch Direct Drive Assembly

Ref.	Part No.	Description	Qty.
1-13	02-6601T91	Direct Drive Assy	1
1	02-6608T1	Motor Adapter	1
2	02-6609T1	Winch Coupling Half	1
3	02-6610T1	Roller Chain	1
4	02-6611T1	Motor Coupling Half	1
5	19-045	Capscrew	4
6	19-119	Lock Washer	4

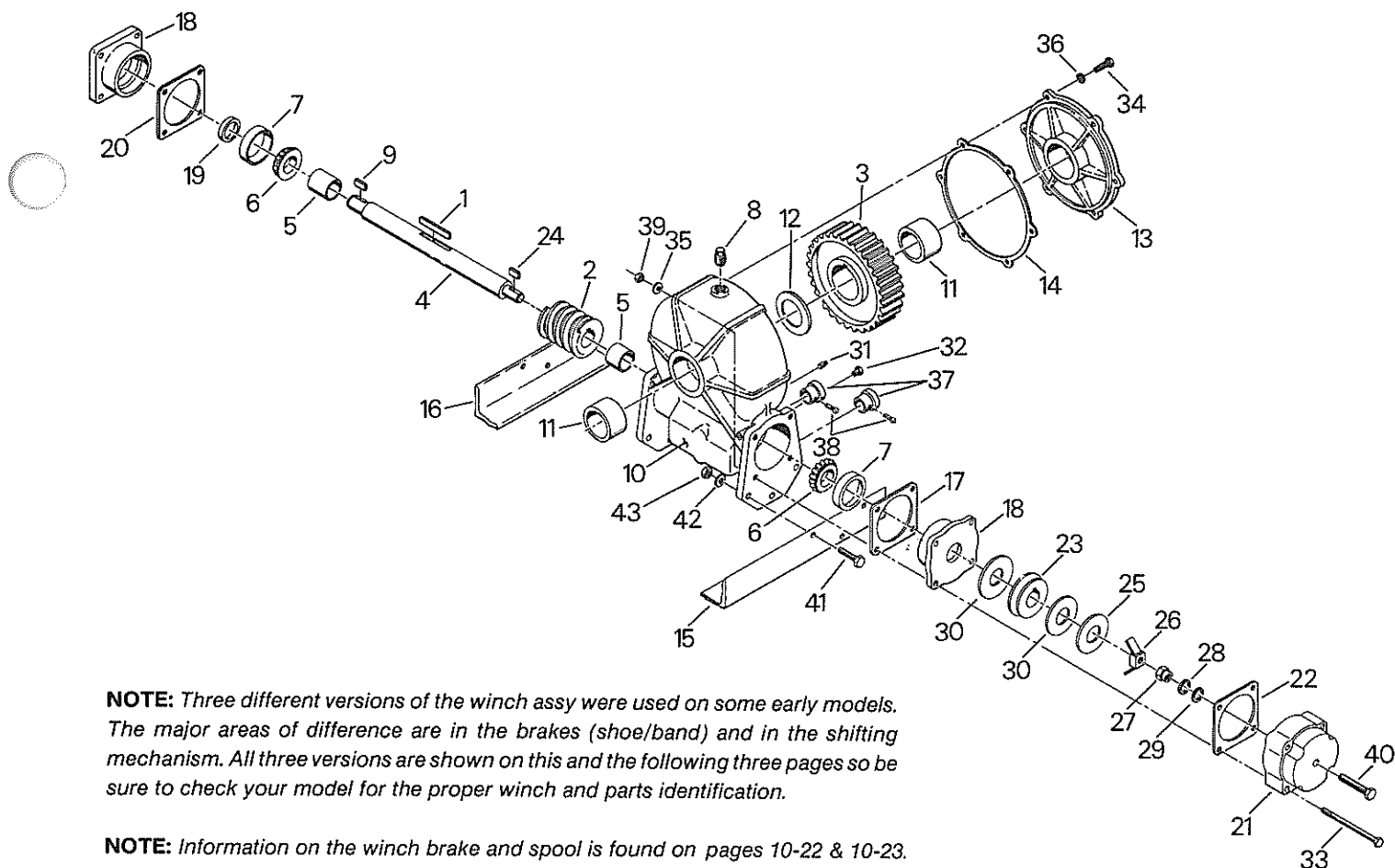
Ref.	Part No.	Description	Qty.
7	186669	Capscrew	4
8	19-118	Lock Washer	4
9	19-092	Nut	4
10	02-6612T1	Spacer	1
11	02-6613T1	Spring	1
12	02-6614T1	Spacer	1
13	02-6615T1	Key	1



Hydraulic Motor Assembly

Ref.	Part No.	Description	Qty.
1-24	50-1776T91	Hydraulic Motor Assy	1
	50-1896T1	Seal Kit (incl Refs. 1-5, 7 & 20)	AR
1	NSS	Seal	1
2	NSS	Snap Ring	1
3	NSS	Backup Washer	1
4	NSS	Washer	1
5	NSS	Seal	1
6	50-1880T91	Housing (incl Refs. 8, 9, 10 & 12)	1
7	NSS	O-Ring	2
8	50-1881T1	Thrust Washer	2
9	50-1882T1	Thrust Bearing	1
10	50-1883T1	Bearing	1
11	50-1884T1	Coupling Shaft	1
12	50-1886T1	Bearing	1

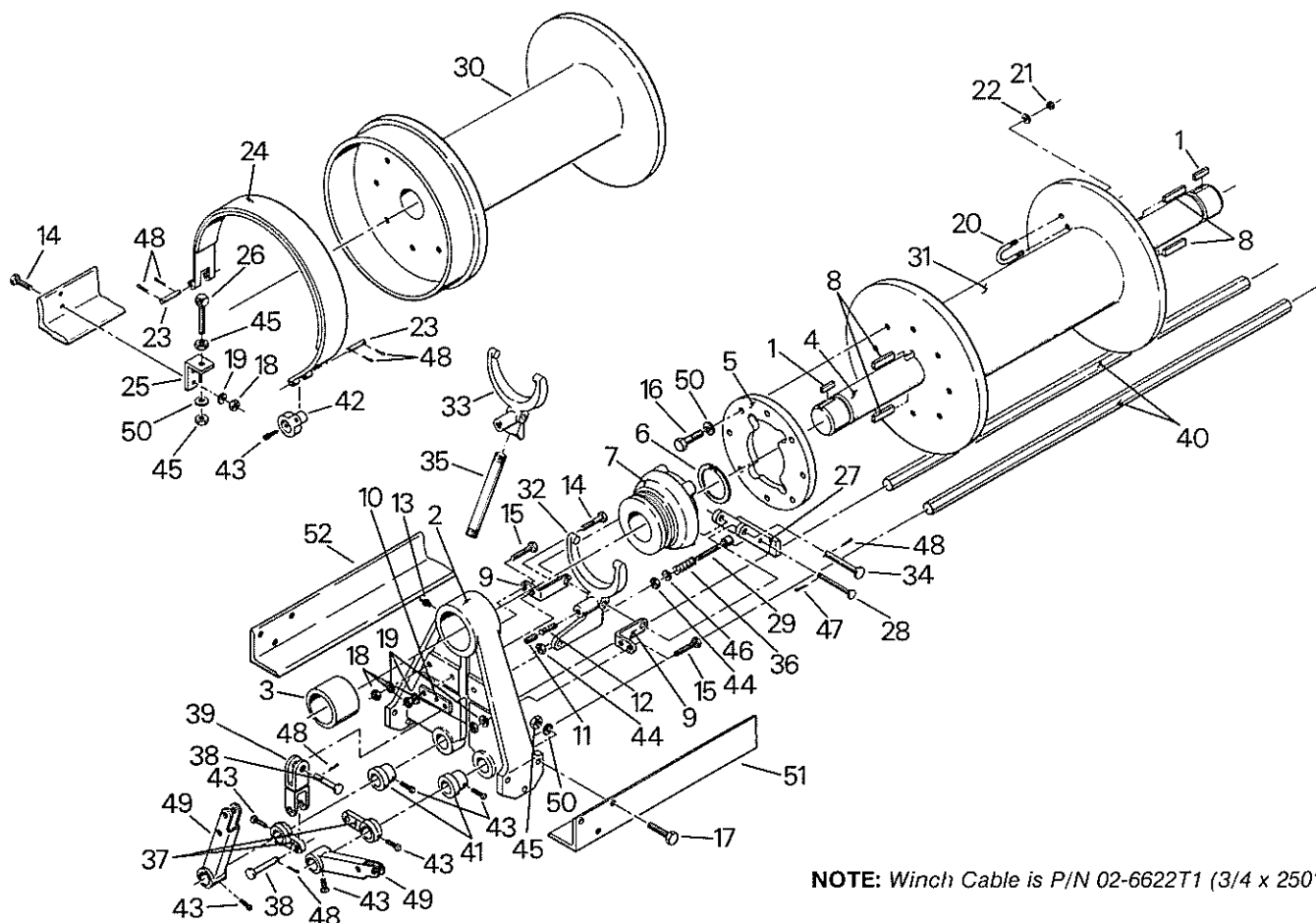
Ref.	Part No.	Description	Qty.
13	50-1887T1	Thrust Bearing	1
14	50-1885T1	Drive Link	1
15	50-1888T1	Wear Plate	1
16	50-1889T1	Rotor Set	1
17	50-1890T1	Manifold Plate	1
18	50-1891T1	Manifold	1
19-21	50-1892T1	Commutator Assy	1
19	NSS	Commutator	1
20	NSS	O-Ring	1
21	NSS	Commutator Ring	1
22	50-1893T1	Sleeve	1
23	50-1894T1	End Cover	1
24	50-1895T1	Capscrew	7



Winch Assembly - Drive

Ref.	Part No.	Description	Qty.
	02-6600T91	Winch Assy (Model AMS10-18)	1
	02-6770T91	Winch Assy (Model AMS10-18A)	
	02-6771T91	Winch Assy (Model AMS10-18B) (see Note)	
1	02-5230T1	Key	1
2	02-5231T1	Worm Gear	1
3	02-5232T1	Worm Gear	1
4	02-5233T1	Shaft	1
5	02-5234T1	Spacer	2
6	02-5236T1	Bearing Cone	2
7	02-5237T1	Bearing Cup	2
8	02-5238T1	Vented Plug	1
9	02-5239T1	Key	1
10	02-5248T1	Worm Gear Housing	1
11	02-5247T1	Bushing	2
12	02-5253T1	Thrust Washer	1
13	02-5263T1	Worm Gear Housing Cover	1
14	02-5264T1	Gasket	1
15	02-5266T1	Front Base Angle	1
16	02-5268T1	Rear Base Angle	1
17	02-5269T1	Gasket	1
18	02-5270T1	Bearing Housing	2
19	02-5271T1	Seal	1
20	02-5272T1	Gasket	1

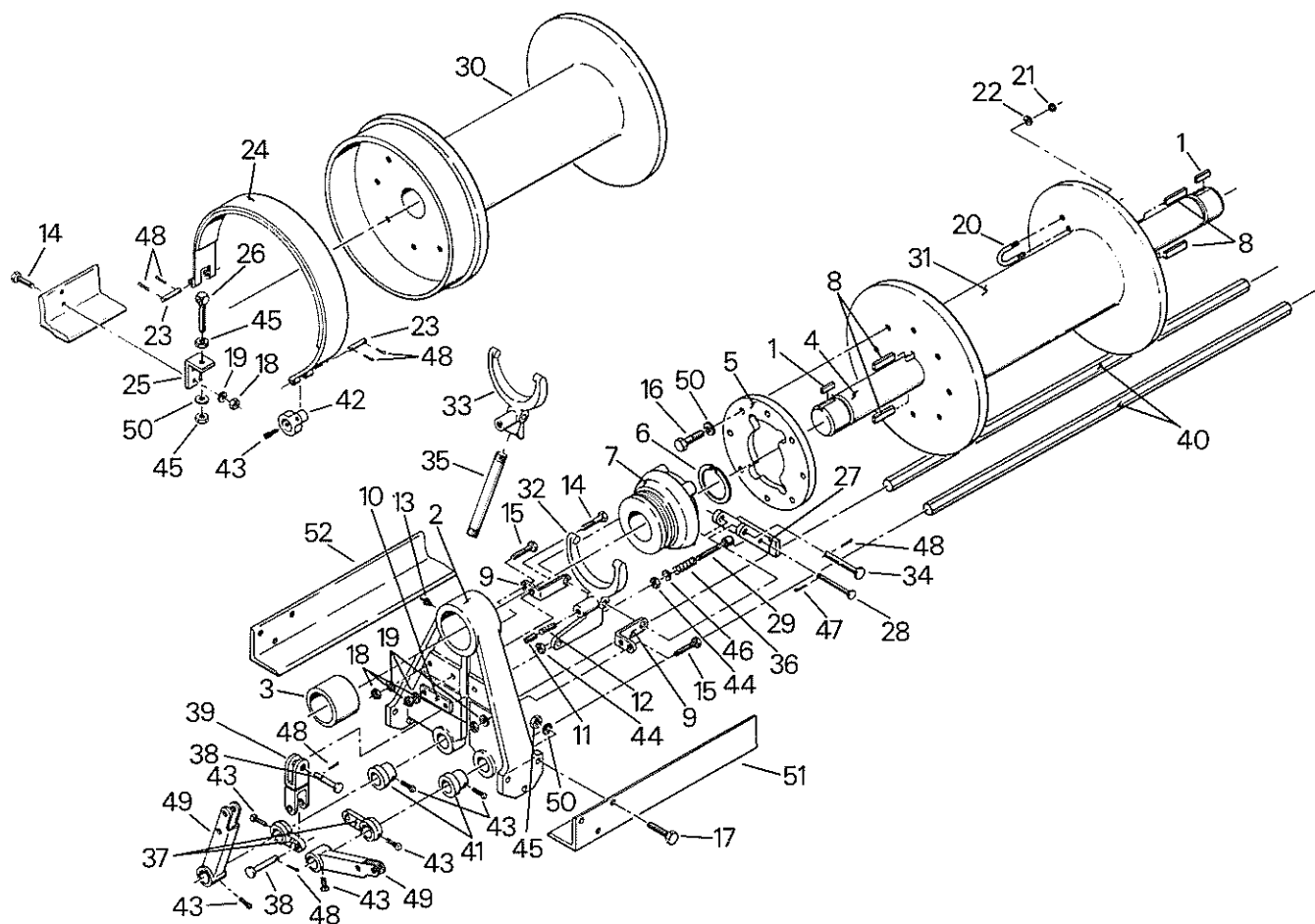
Ref.	Part No.	Description	Qty.
21	02-5273T1	Worm Brake Housing	1
22	02-5274T1	Gasket	1
23	02-5275T1	Rotor Assy	1
24	02-5276T1	Key	1
25	02-5277T1	Press. Plate	1
26	02-5278T1	Spring Assy	1
27	02-5279T1	Adjusting Nut	1
28	02-5280T1	Washer	1
29	02-5281T1	Gasket	1
30	02-5283T1	Friction Disc	2
31	31-038	Pipe Plug	1
32	31-035	Pipe Plug	1
33	9430236	Capscrew	4
34	19-032	Capscrew	6
35	19-118	Lock Washer	4
36	19-193	Lock Washer	6
37	02-5287T1	Collar	2
38	19-6027	Set Screw	2
39	19-092	Nut	4
40	02-5289T1	Capscrew	1
41	19-847	Capscrew	6
42	19-120	Lock Washer	6
43	19-096	Nut	6



Winch Assembly - Brake & Spool

Ref.	Part No.	Description	Qty.
1	02-5235T1	Key	2
2	02-5246T1	Bearing Leg	1
3	02-5247T1	Bushing	1
4	02-5251T1	Cable Drum Shaft	1
5	02-5252T1	Clutch Plate	1
6	02-5254T1	Snap Ring	1
7	02-5255T1	Clutch	1
8	02-5256T1	Key	4
9	02-5258T1	Bracket	2
10	02-5259T1	Shifter Lock	1
11	02-5260T1	Poppet	1
12	02-5261T1	Spring	1
13	31-094	Lube Fitting	3
14	19-019	Capscrew	4
15	19-018	Capscrew	2
16	19-059	Capscrew	8
17	19-847	Capscrew	6
18	19-078	Nut	6
19	19-117	Lock Washer	6
20	02-5291T1	Cable Clamp	1

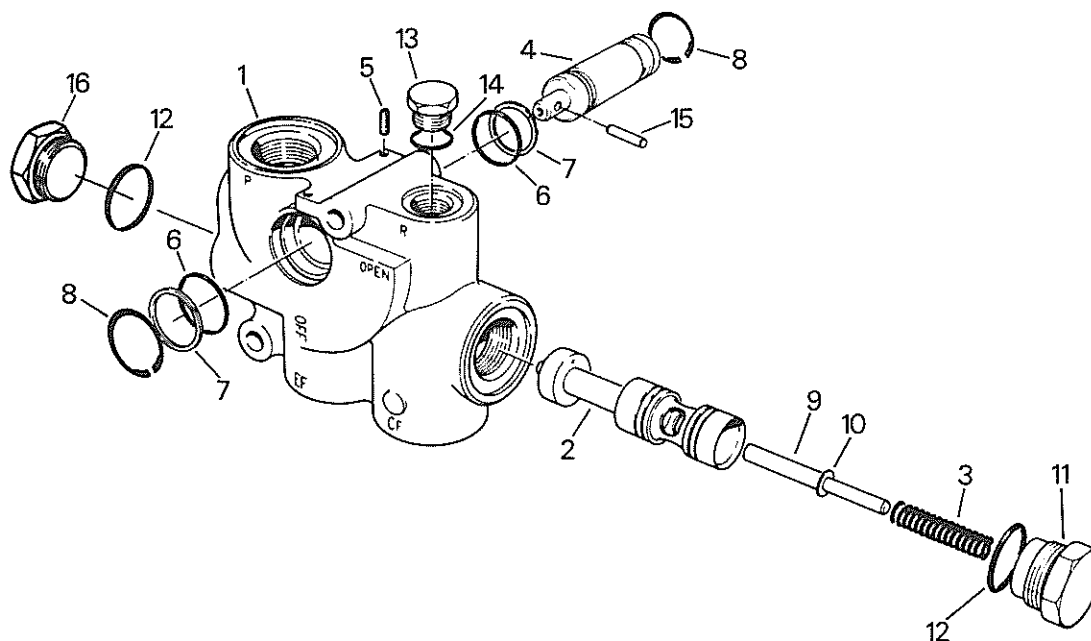
Ref.	Part No.	Description	Qty.
21	19-081	Nut	2
22	19-119	Lock Washer	2
23	02-5240T1	Pin	2
24	02-5241T1	Brake Band Assy	1
25	02-5242T1	Bracket	1
26	02-5243T1	Brake Band Link	1
27	02-5244T1	Brake Shoe Assy	1
28	19-6026	Pin	1
29	02-5245T1	Link	1
30	02-5249T1	Cable Drum	1
31	02-5250T1	Cable Drum	1
32	02-5257T1	Shifter Fork	1
33	02-5282T1	Shifter Fork	1
34	19-5561	Pin (Shoe Style Brake)	1
	42-102	Pin (Band Style Brake)	
35	02-5297T1	Shifter Handle	1
36	02-5262T1	Brake Spring	1
37	02-5284T1	Clutch Lever	1
38	19-142	Clevis Pin	2
39	02-5285T1	Clevis	1



Winch Assembly - Brake & Spool

Ref.	Part No.	Description	Qty.
40	02-5286T1	Control Shaft (qty. varies)	2
41	02-5287T1	Collar	2
42	02-5238T1	Lever	1
43	19-6027	Set Screw	6
44	19-936	Jam Nut	2
45	19-096	Nut	8
46	19-105	Washer	1

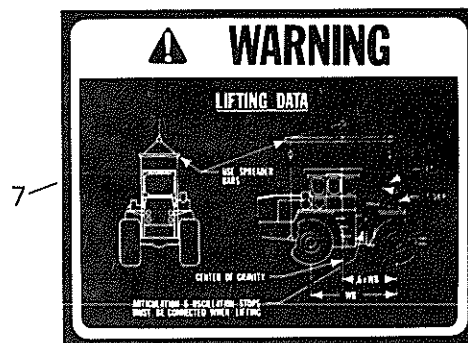
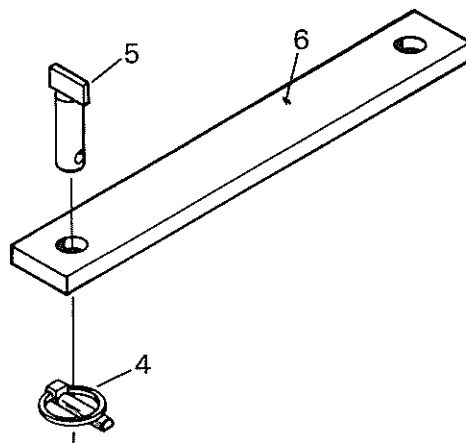
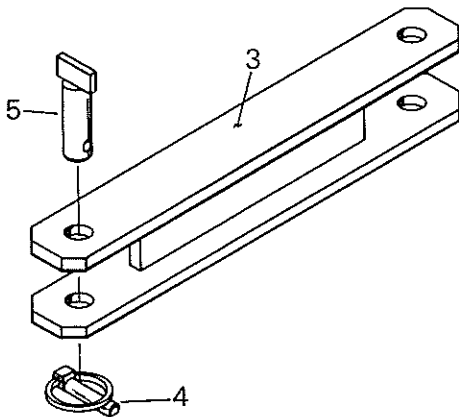
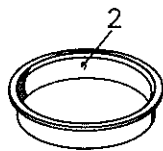
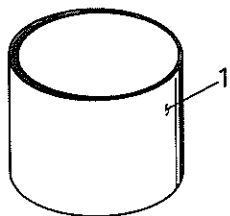
Ref.	Part No.	Description	Qty.
47	19-1100	Cotter Pin	1
48	19-124	Cotter Pin	7
49	02-5298T1	Shifter Handle	2
50	19-120	Lock Washer	15
51	02-5266T1	Front Base Angle	1
52	02-5268T1	Rear Base Angle	1



Flow Divider Assembly

Ref.	Part No.	Description	Qty.
1-16	47-3505T91	Flow Divider Assy	1
	35-1218T91	Seal Kit (incl Refs. 6, 7, 12 & 14)	AR
1	NSS	Valve Body	1
2	18-1615	Piston	1
3	18-1616	Spring	1
4	01-8181	Valve Control	1
5	18-1618	Set Screw	1
6	31-1457	O-Ring	2
7	01-8180	Backup Ring	2

Ref.	Part No.	Description	Qty.
8	18-1621	Snap Ring	2
9	18-1622	Retaining Rod	1
10	18-1623	Washer	1
11	18-1624	Plug Assy (with O-Ring)	1
12	31-1100	O-Ring	2
13	31-336	Plug Assy (with O-Ring)	1
14	31-1335	O-Ring	1
15	456836	Roll Pin	1
16	02-4661T91	Plug Assy (with O-Ring)	1



Shipping Accessories

Ref.	Part No.	Description	Qty.
1	07-1001	Spacer Tube (Air Intake Stack)	1
2	26-548	Plug (Cab Air Inlet)	1
3	01-6209	Link (Steering Cylinder Lock)	1
4	19-345	Klick Pin	4

Ref.	Part No.	Description	Qty.
5	01-6205	Pin	4
6	70-1140T1	Lock Bar (Lifting Lock)	1
7	02-3049T3	Lifting Decal	1

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02-6832T1	10-16	115772	2-13	16-223	4-33	18-1539	8-5	19-018	10-13
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04-1003	1-2	16-024	4-31	16-247	4-32	19-001	4-8	19-036	4-20
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19-080	4-3	19-109	6-5	19-151	1-7	19-297	2-15	19-485	3-5
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32-1000	7-2	445476	3-4	50-1566T1	5-1	50-1703T1	5-2	50-1857T1	10-20
32-1000	7-3	45-191	4-13	50-1567T2	5-2	50-1704T1	5-2	50-1858T1	10-20
346-02	5-3	45-195	4-13	50-1568T2	5-3	50-1706T1	5-2	50-1859T1	10-20
35-1064	3-10	45-196	4-13	50-1569T1	5-1	50-1761T1	8-22	50-1911T91	8-14
35-1064	3-11	45-200	4-10	50-1573T1	8-5	50-1762T1	8-24	50-1911T91	10-4
35-1092	4-5	45-204	4-10	50-1574T1	8-5	50-1763T1	8-24	50-1911T91	10-4
35-1136T91	8-21	45-216	4-10	50-1575T1	8-5	50-1769T1	8-24	50-1911T91	10-5
35-1216T91	10-24	45-218	4-10	50-1576T1	8-5	50-1776T91	10-20	50-1911T91	10-5
35-1224T91	3-10	45-218	4-11	50-1577T1	8-5	50-1779T1	8-17	50-1958T1	8-10
35-1225T91	3-10	45-219	4-10	50-1578T1	3-5	50-1780T1	8-17	50-1959T1	8-10
35-1226T91	3-10	45-242	4-12	50-1579T1	8-5	50-1782T1	8-17	50-1960T1	8-10
35-1232T91	4-5	45-252	4-10	50-1580T1	8-5	50-1783T1	8-17	50-1961T1	8-10
35-1298T91	4-18	45-252	10-4	50-1581T1	8-7	50-1784T1	8-17	50-1962T1	8-10
35-1298T92	4-18	45-252	10-4	50-1582T1	8-7	50-1785T91	8-17	50-1963T1	8-10
35-1336T91	10-2	45-252	10-5	50-1583T1	8-7	50-1786T1	8-17	50-1964T1	8-10
35-1343T91	1-19	45-252	10-5	50-1584T1	8-7	50-1787T1	8-17	50-1965T1	8-10
35-1375T91	4-31	45-252	4-10	50-1585T1	8-7	50-1788T1	8-17	50-2029T1	8-13
35-1375T91	4-31	45-253	10-4	50-1586T1	8-7	50-1789T1	8-17	50-2040T1	8-10
35-1404T91	10-4	45-253	10-4	50-1587T1	8-7	50-1790T1	8-17	50-2054T1	8-21
35-1405T91	10-4	45-253	10-5	50-1588T2	8-7	50-1791T1	8-17	50-2140T91	8-21
35-1406T91	10-5	45-253	10-5	50-1589T2	8-5	50-1792T1	8-17	50-2143T1	8-21
35-1407T91	10-5	45-254	4-13	50-1590T91	8-10	50-1793T1	8-17	50-2352T1	8-12
35-1488T91	4-37	454774	1-16	50-1590T91	8-11	50-1795T1	8-17	50-2353T1	8-12
35-1489T91	10-8	454362	4-29	50-1590T91	8-5	50-1796T1	8-17	50-2354T1	8-12
35-1575T91	6-3	455160	8-17	50-1590T91	8-7	50-1797T1	8-17	50-2355T1	8-12
35-1577T91	4-35	455919	1-11	50-1590T91	8-9	50-1798T1	8-17	50-2356T1	8-11
40-106	10-1	456836	10-24	50-1591T2	8-5	50-1799T1	8-17	50-2357T1	8-11
40-109	10-2	47-2443	1-1	50-1591T2	8-7	50-1800T1	8-17	50-2358T1	8-11
40-139	10-2	47-2715	1-2	50-1608T2	8-3	50-1801T1	8-17	50-2359T1	8-11
40-141	10-2	47-3505T91	10-24	50-1609T1	8-2	50-1802T1	3-17	50-2447T91	5-7
40-302	10-1	47-4087	1-1	50-1610T1	8-2	50-1803T1	8-13	50-2448T91	5-8
40-322	10-2	47-4181	2-17	50-1611T1	8-2	50-1804T1	8-13	50-2449T1	5-3
40-372	10-2	47-4334	1-1	50-1615T2	4-22	50-1805T91	8-14	50-2450T1	5-7
40-380	10-1	47-4341	1-15	50-1616T2	4-22	50-1806T1	8-13	50-2451T1	5-8
40-380	10-18	47-4342	1-15	50-1617T1	8-2	50-1807T1	8-13	50-2452T1	5-8
40-382	10-1	47-4466	6-2	50-1626T1	8-10	50-1808T1	8-18	50-2453T1	5-8

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