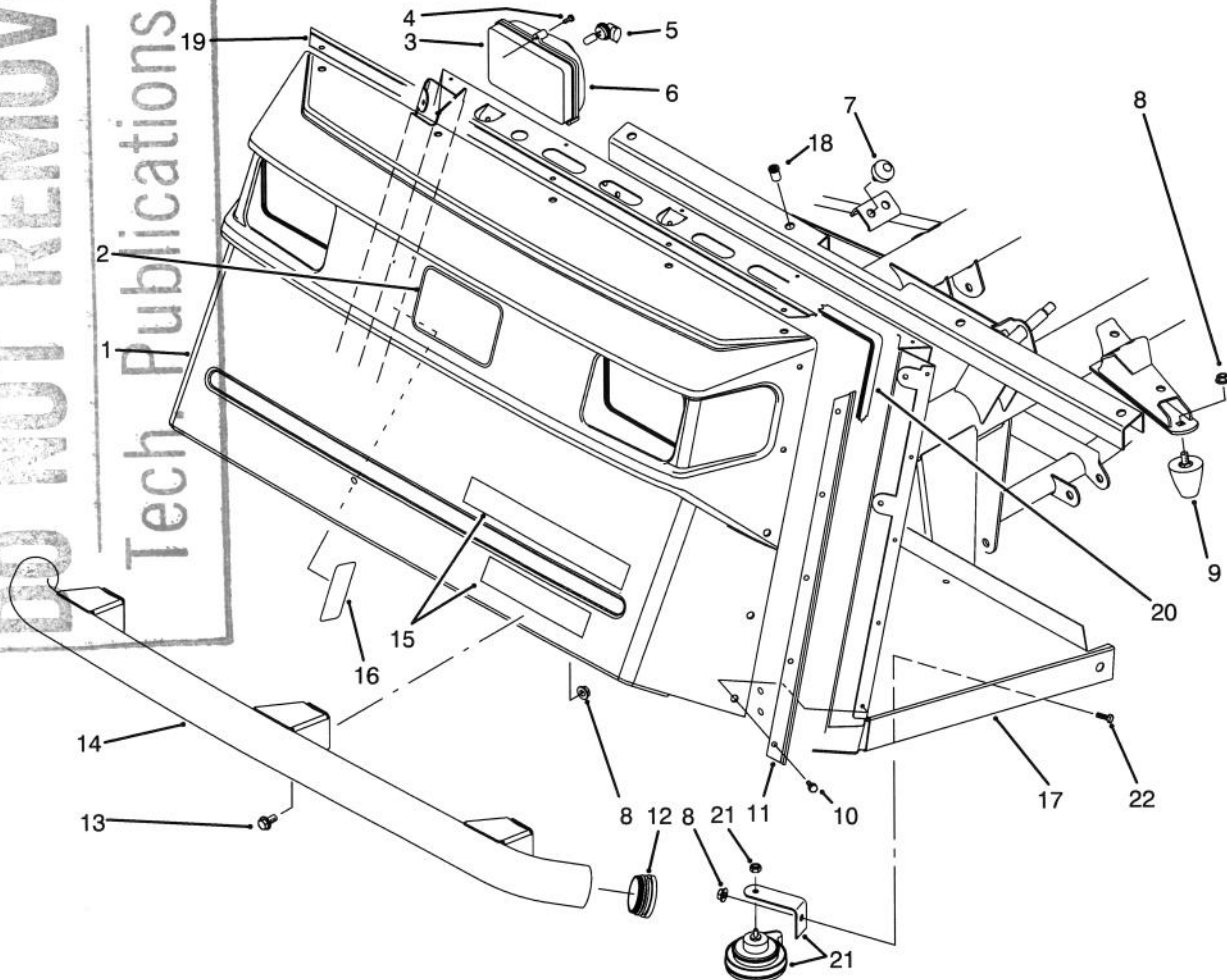


TORO®

MODEL NO. 07210-40189 & UP

**PARTS
CATALOG****WORKMAN 3100**

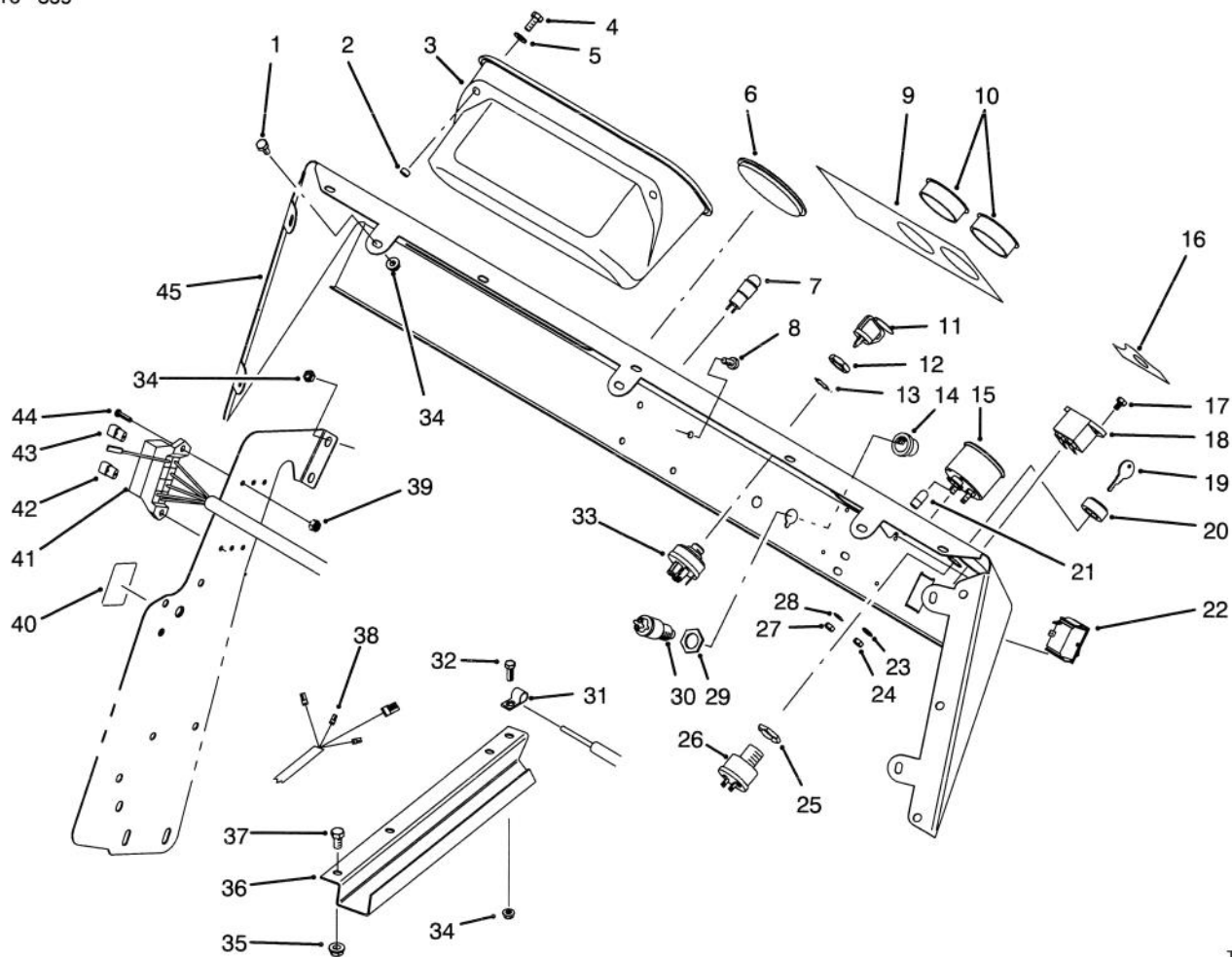
T-1581

FRONT BUMPER & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	87-0710	Hood	1
2	62-5550	Decal - TORO	1
3	87-2120	Headlight Assembly (Incl. Ref. #5-6)	2
4	32104-88	Screw	6
5	87-6320	Bulb - Headlight	2
6	87-6330	Lens - Headlight	2
7	87-2440	Bumper	2
8	3290-357	Nut - Flange Lock	9
9	26-0071	Bumper	2
10	87-6620	Screw	15
11	87-8120	Bracket - Trim Side	2

Ref. No.	Part No.	Description	No. Used
12	2410-42	Cap - Front Bumper	2
13	3234-1	Screw - Hex. Flange Hd.	6
14	87-4070	Bumper - Front	1
15	87-6030	Decal - Workman 3100	1
16	87-8670	Decal - Load Rating	1
17	87-7130	Operators Platform Assy. (Incl. Ref. #18)	1
18	32148-7	Nut - Clinch	8
19	87-8130	Bracket - Trim Top	1
20	87-8160	Trim	1
21	116749	Horn Assembly	1
22	323-4	Screw - Cap Hex. Hd.	1

TPS



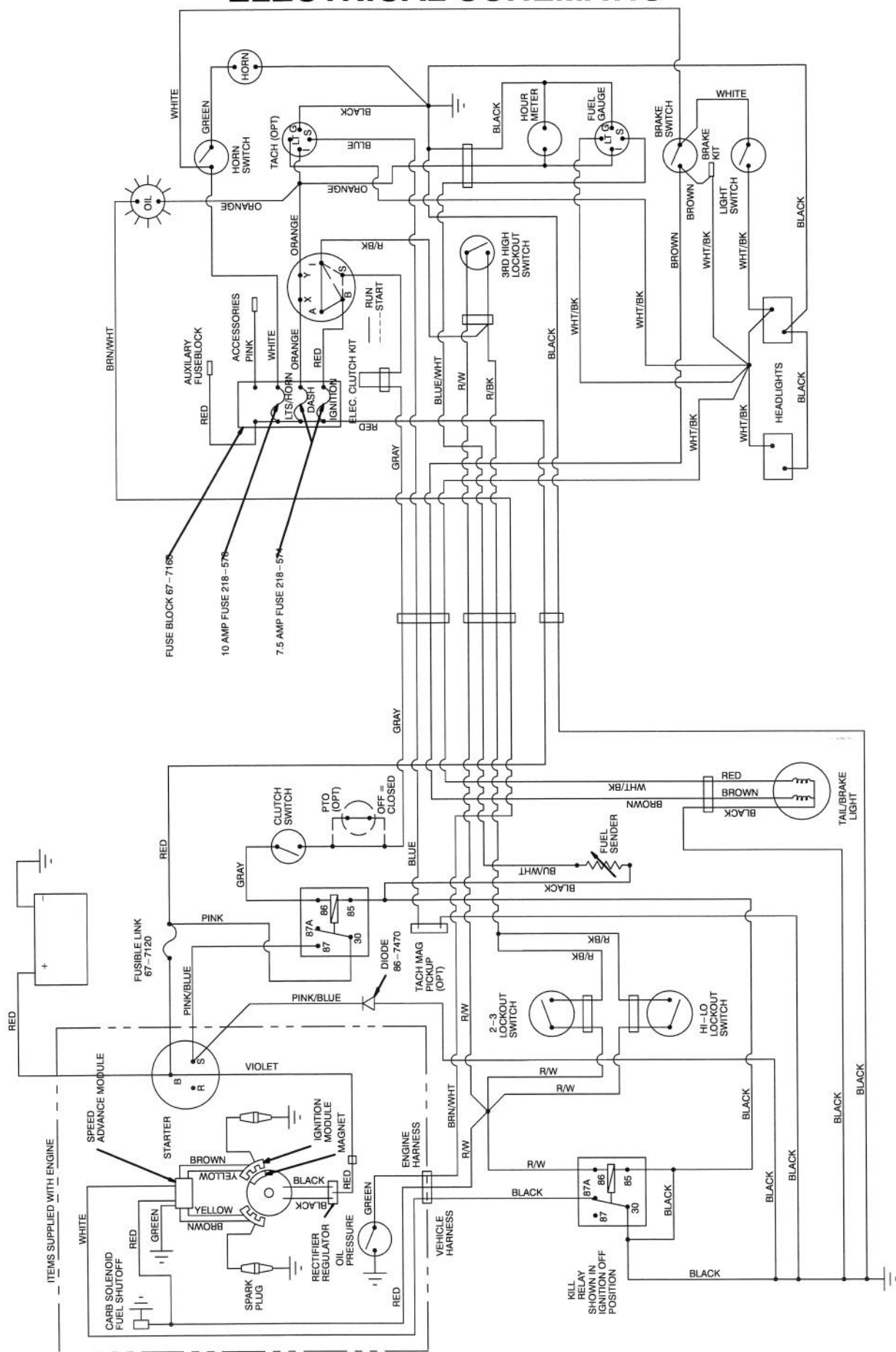
T-1729

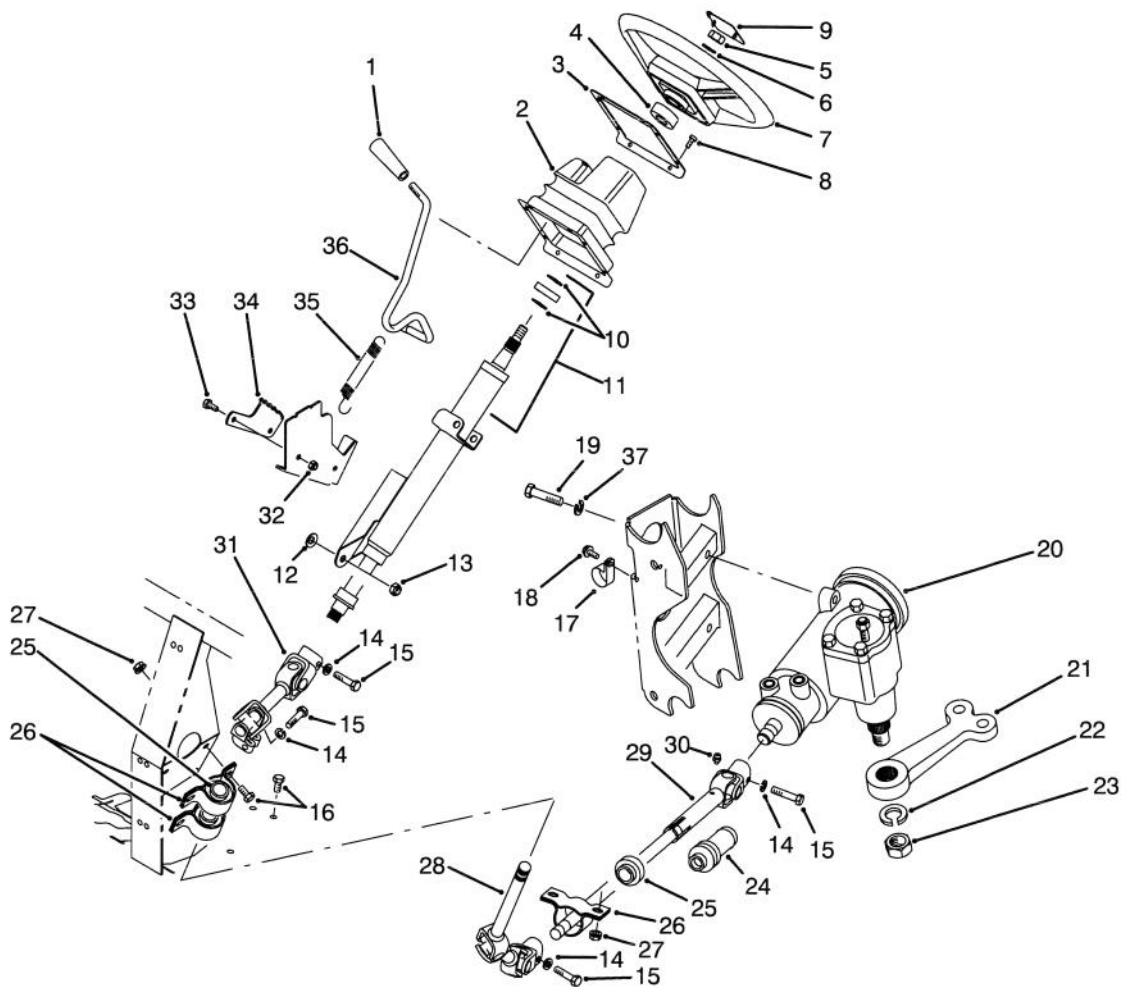
CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-2	Screw - Cap Hex. Hd.	7
2	32148-6	Insert - Threaded	2
3	87-3780	Box - Glove	1
4	321-3	Screw - Cap Hex. Hd.	2
5	3256-22	Washer - Flat	2
6	2410-35	Plug - Hole	1
7	87-8580	Light - Indicator (Red)	1
8	3274-31	Screw - Hex. Socket Hd.	4
9	87-7910	Decal - Dash	1
10	87-8360	Plug - Hole	2
11	63-8360	Key - Ignition	1
12	218-446	Nut - Hex.	1
13	218-447	Washer - Lock	1
14		Button - Horn	1
15	87-5580	Fuel Gauge Assembly (Incl. Ref. #23, 24, 27 & 28)	1
16	87-5910	Decal - Supervisor	1
17	32144-18	Screw - Cap Hex. Hd.	2
18	75-6820	Hourmeter	1
19	87-0740	Key - Supervisor Switch	1
20	87-1720	Nut - Supervisor Switch	1
21	218-600	Bulb	1
22	87-3790	Switch - Light	1
23	3253-15	Washer - Lock	2
24	3217-25	Nut - Hex	2

Ref. No.	Part No.	Description	No. Used
25		Nut - Hex.	1
26	87-4030	Supervisor Switch Assy. (Incl. Ref. #19, 20 & 25)	1
27	3217-29	Nut - Hex.	3
28	3253-19	Washer - Lock	3
29		Nut - Hex.	1
30	18-2830	Horn Switch Assembly (Incl. Ref. #14 & 29)	1
31	2412-89	Clamp - R	1
32	321-4	Screw - Cap Hex. Hd.	1
33	27-2360	Ignition Switch Assembly (Incl. Ref. #12 & 13)	1
34	32128-33	Nut - Flange	12
35	32128-20	Nut - Flange	3
36	87-3320	Cover - Wire Harness	1
37	322-2	Screw - Cap Hex. Hd.	3
38	87-8010	Harness - Wire Rear	1
39	3296-2	Nut - Lock	2
40	87-6670	Decal - Fuse Block	1
41	87-8200	Harness - Wire Front	1
42	218-574	Fuse 7.5 Amp.	2
43	218-578	Fuse 10 Amp.	1
44	3250-13	Screw	2
45	87-8560	Control Panel Assembly (Incl. Ref. #9 & 16)	1

ELECTRICAL SCHEMATIC





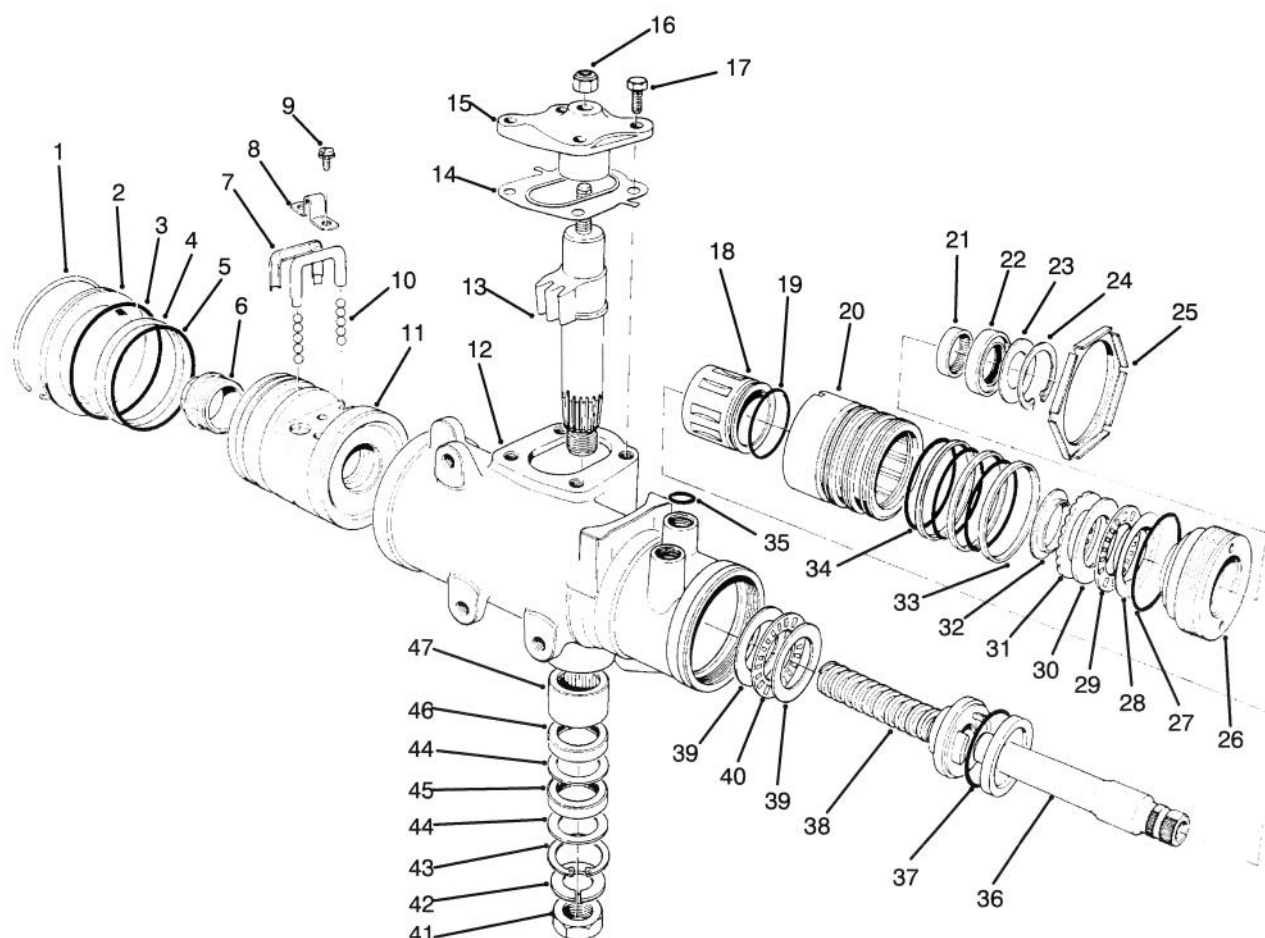
T-1584

STEERING LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-39	Knob	1
2	87-3460	Boot - Tilt Steering	1
3	87-4720	Plate - Steering Boot	1
4	21-9260	Spacer	1
5	3277-1	Nut - Hex.	1
6	48-8070	Washer - Flat	1
7	87-3820	Wheel - Steering	1
8	32144-116	Screw - Pan Head	8
9	87-3750	Cover - Steering Wheel	1
10	43-6550	Ring - Retaining	2
11	92-4153	Steering Column Assembly (Incl. Ref. #10)	1
12	3290-455	Washer	1
13	3296-59	Nut - Lock	1
14	3253-4	Washer - Lock	4
15	48-7740	Screw - Cap Hex. Hd.	4
16	322-2	Screw - Cap Hex. Hd.	6
17	2412-105	Clamp - R	2
18	32144-10	Screw - Self Tapping	2
19	324-8	Screw - Cap Hex. Hd.	3
20	87-1500	Steering Gear Assembly (Incl. Ref. #22 & 23)	1

Ref. No.	Part No.	Description	No. Used
21	87-0370	Arm - Pitman	1
22	39-7420	Washer - Lock	1
23	39-7440	Nut - Lock	1
24	92-4157	Boot - Steering Shaft	1
25	87-2280	Bearing	3
26	87-3250	Mount - Bearing	3
27	32128-20	Nut - Flange	6
28	92-4155	Upper Slip Joint Assembly	1
29	92-4156	Lower Slip Joint Assembly (Incl. Ref. #24 & 30)	1
30	302-5	Fitting - Grease	1
31	92-4154	Universal Joint Assembly	1
32	3296-42	Nut - Lock	2
33	321-3	Screw - Cap Hex. Hd.	2
34	87-3610	Bracket - Detent	1
35	65-5360	Spring - Extension	1
36	87-3130	Lever - Tilt Steering	1
37	3253-22	Washer - Lock	3
*	87-3100	Lower Shaft Assembly (Incl. Ref. #24 & 28-30)	1
*	87-3120	Steering Column & Shaft (Incl. Ref. #10, 11 & 31)	1

*Not Illustrated

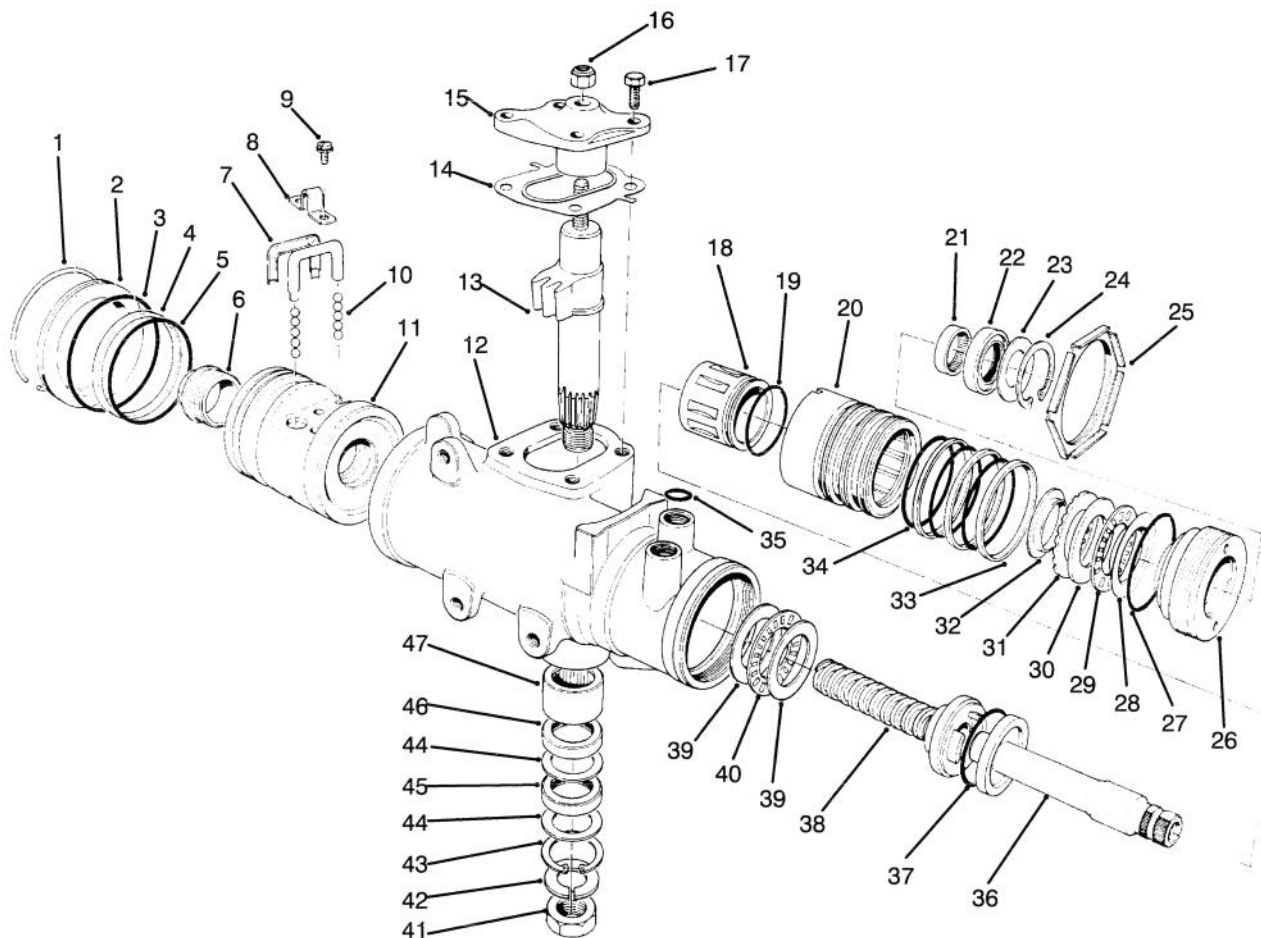


T-1580

STEERING GEAR ASSEMBLY NO. 87-1500

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Ring - Retaining	1	26		Plug - Adjuster	1
2	92-4165	Plug - Housing End	1	27	28-8200	O-Ring	1
3		Seal - Housing End Plug	1	28		Race - Upper Bearing	1
4		Ring - Rack Piston	1	29		Bearing - Roller, Thrust	1
5		O-Ring, Rack Piston	1	30		Race - Thrust Bearing	1
6	18-4340	Plug - Rack Piston End	1	31		Spacer - Thrust Bearing	1
7	92-4168	Return - Guide Ball	2	32		Retainer - Bearing	1
8	18-4270	Clamp - Ball Return Guide	1	33		Ring - Valve Body	3
9	18-4260	Screw/Lockwasher Assy.	2	34		O-Ring	3
10	18-5190	Ball - Chrome Alloy	11	35	39-7310	O-Ring	3
11		Nut - Rack Piston	1	36		Shaft - Stub	1
12		Housing - Steering Gear	1	37		O-Ring	1
13		Gear - Pitman Shaft	1	38		Worm - Steering	1
14	28-8280	Seal Kit - Side Cover (Incl. Ref. #17)	1	39		Race - Thrust Bearing	2
15		Cover - Housing Side	1	40		Bearing - Roller, Thrust	1
16	28-8220	Nut - Lash Adjuster	1	41	39-7440	Nut - Pitman Arm	1
17	28-8210	Bolt - Flange Hex. Hd.	4	42	39-7420	Washer - Lock	1
18		Spool Valve	1	43		Ring - Retaining	1
19		O-Ring, Spool Valve	1	44		Washer - Seal, Backup	2
20		Valve Body	1	45		Seal - Pitman Shaft	1
21	92-4169	Bearing - Needle	1	46		Seal - Pitman Shaft	1
22		Seal - Stub Shaft	1	47	92-4170	Bearing - Pitman Shaft	1
23		Seal - Stub Shaft Dust	1	*	92-4161	Service Cover Assembly Housing Side (Incl. Ref. #14-17)	1
24		Ring - Retaining	1				
25	92-4159	Nut - Adjuster Plug Lock	1				

*Not Illustrated



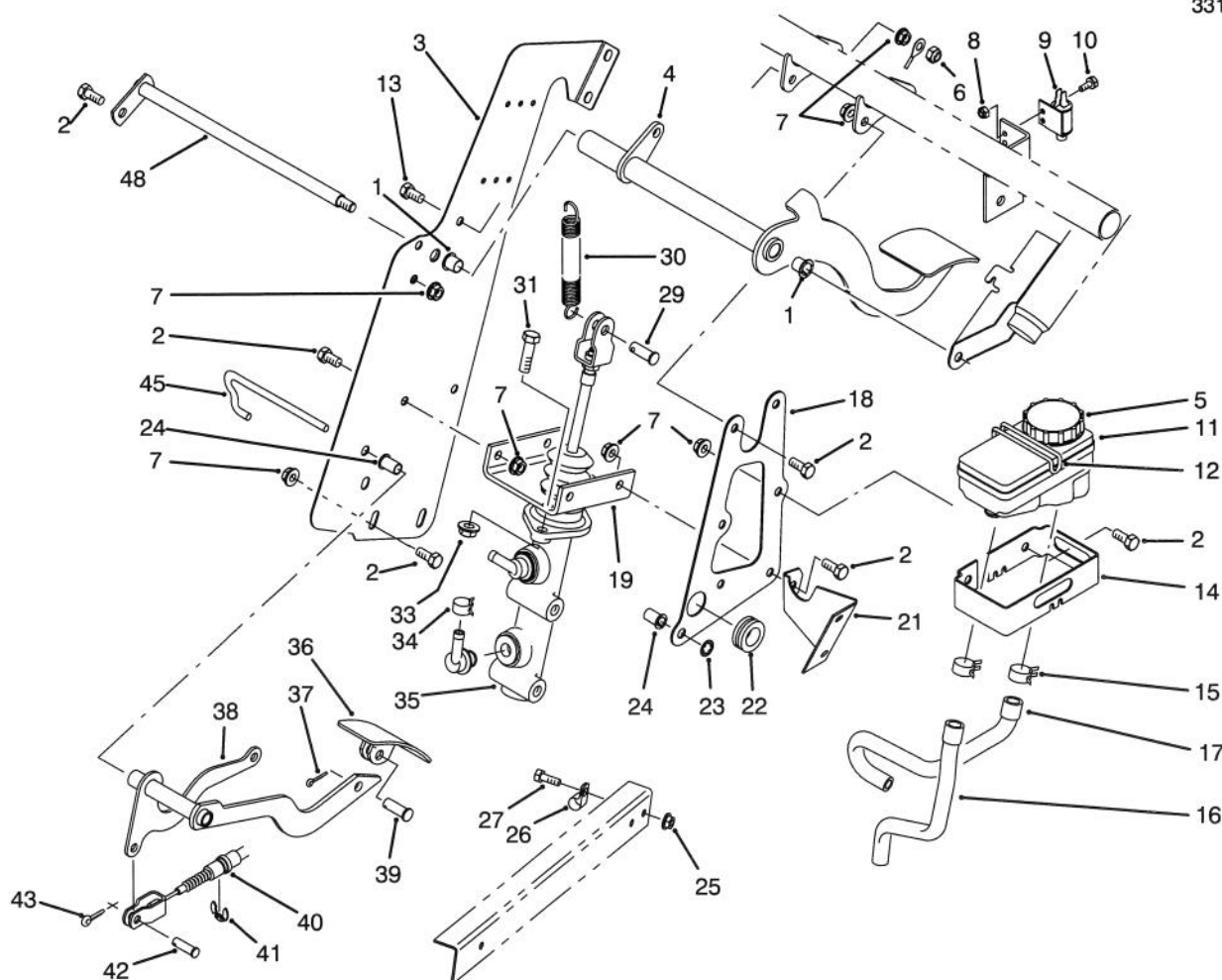
T-1580

STEERING GEAR ASSEMBLY NO. 87-1500

Ref. No.	Part No.	Description	No. Used
*	28-8270	Seal Service Kit – End Plug (Incl. Ref. #1 & 3)	1
*	28-8290	Seal Service Kit Rack/Piston (Incl. Ref. #4 & 5)	1
*	18-5180	Bearing Kit – Lower Thrust (Incl. Ref. #39-40)	1
*	18-5160	Seal Kit – Pitman Shaft (Incl. Ref. #43-46)	1
*	18-5170	Seal Kit – Valve Ring (Incl. Ref. #19, 33, 34 & 37)	1
*	92-4163	Steering Housing Assembly (Incl. Ref. #12 & 43-47)	1
*	92-4167	Service Plug Assembly (Incl. Ref. #22-24 & 27)	1

Ref. No.	Part No.	Description	No. Used
*	92-4162	Pitman Shaft – Gear Service (Incl. Ref. #13-15 & 17)	1
*	92-4158	Valve Assy. – Hyd. Gear (Incl. Ref. #18-20, 33, 34, 36 & 37)	1
*	92-4160	Bearing Service Kit – Upper (Incl. Ref. #28-32)	1
*	92-4166	Rack/Piston/Nut Assembly (Incl. Ref. #1-11 & 38)	1
*	92-4164	Plug Assy. – Service Adjust. (Incl. Ref. #21-24 & 26-32)	1
*	87-1500	Steering Gear (Complete)	1

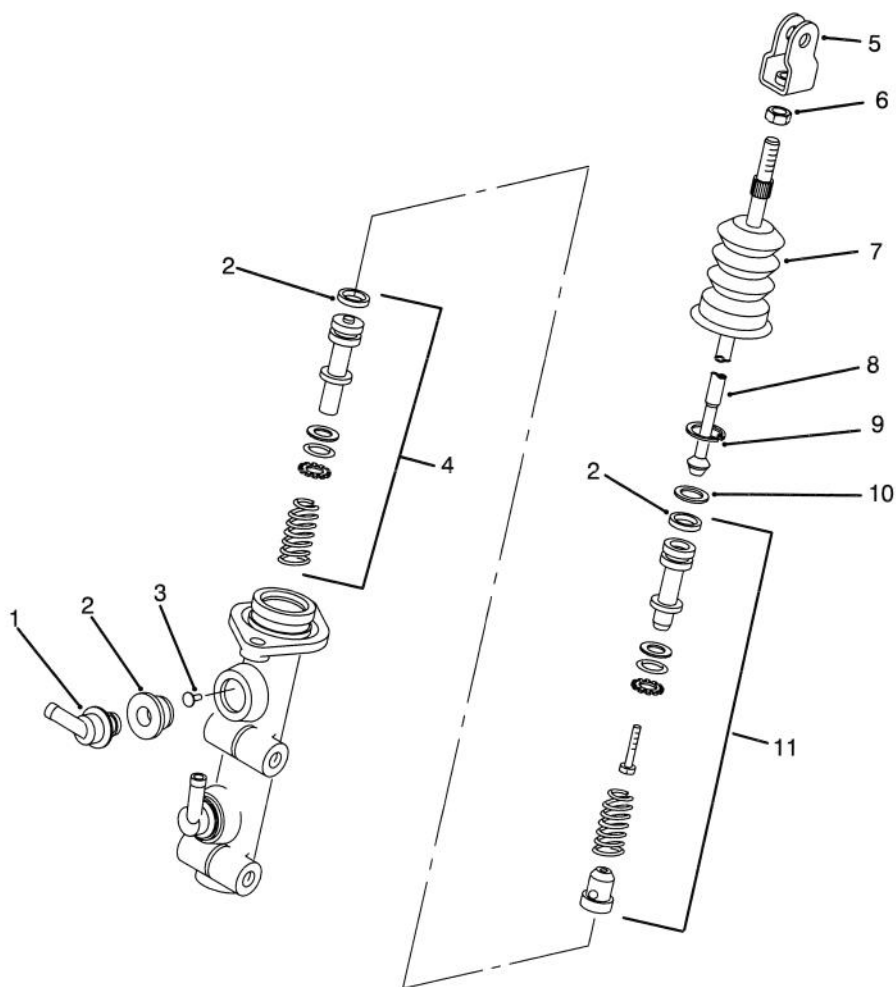
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T-1585

BRAKE & ACCELERATOR PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	256-257	Bushing - Flange	2	23	32151-56	Ring - Push-On	1
2	322-2	Screw - Cap Hex. Hd.	12	24	52-2890	Bushing - Flange	2
3	87-2910	Support - Pedal RH	1	25	32128-33	Nut - Flange Lock	1
4	87-2540	Pedal - Brake	1	26	2412-89	Clamp - R	1
5	92-4112	Cap Assembly	1	27	321-4	Screw - Cap Hex. Hd.	1
6	3296-29	Nut - Lock	1	29	283-2	Pin - Clevis	1
7	32128-20	Nut - Flange Lock	13	30	21-1830	Spring - Extension	1
8	3296-2	Nut - Lock	2	31	323-7	Screw - Cap Hex. Hd.	2
9	55-7120	Switch - Brake Light	1	33	3290-357	Nut - Flange Lock	2
10	3290-321	Screw - Hex. Flange Hd.	2	34	2412-144	Clamp - Hose	2
11	87-3040	Brake Fluid Reservoir Assy. (Incl. Ref. #5)	1	35	87-3030	Master Cylinder Assembly	1
12	87-7570	Retainer - Reservoir	1	36	87-2670	Pedal - Accelerator	1
13	322-5	Screw - Cap Hex. Hd.	1	37	3272-6	Pin - Cotter	1
14	87-2890	Cradle - Reservoir	1	38	87-4790	Arm - Accelerator Pedal	1
15	2412-143	Clamp - Hose	2	39	283-85	Pin - Clevis	1
16	87-0670	Hose - Reservoir Front	1	40	87-7750	Cable - Accelerator	1
17	87-0660	Hose - Reservoir Rear	1	41	32120-47	Ring - E	1
18	87-2660	Support - Pedal LH	1	42	283-30	Pin - Clevis	1
19	87-2640	Support - Master Cylinder	1	43	3272-10	Pin - Cotter	1
21	87-2650	Gusset	1	45	87-2880	Shaft - Accelerator Pedal	1
22	240-6	Grommet	1	48	87-2590	Shaft - Brake Pedal	1

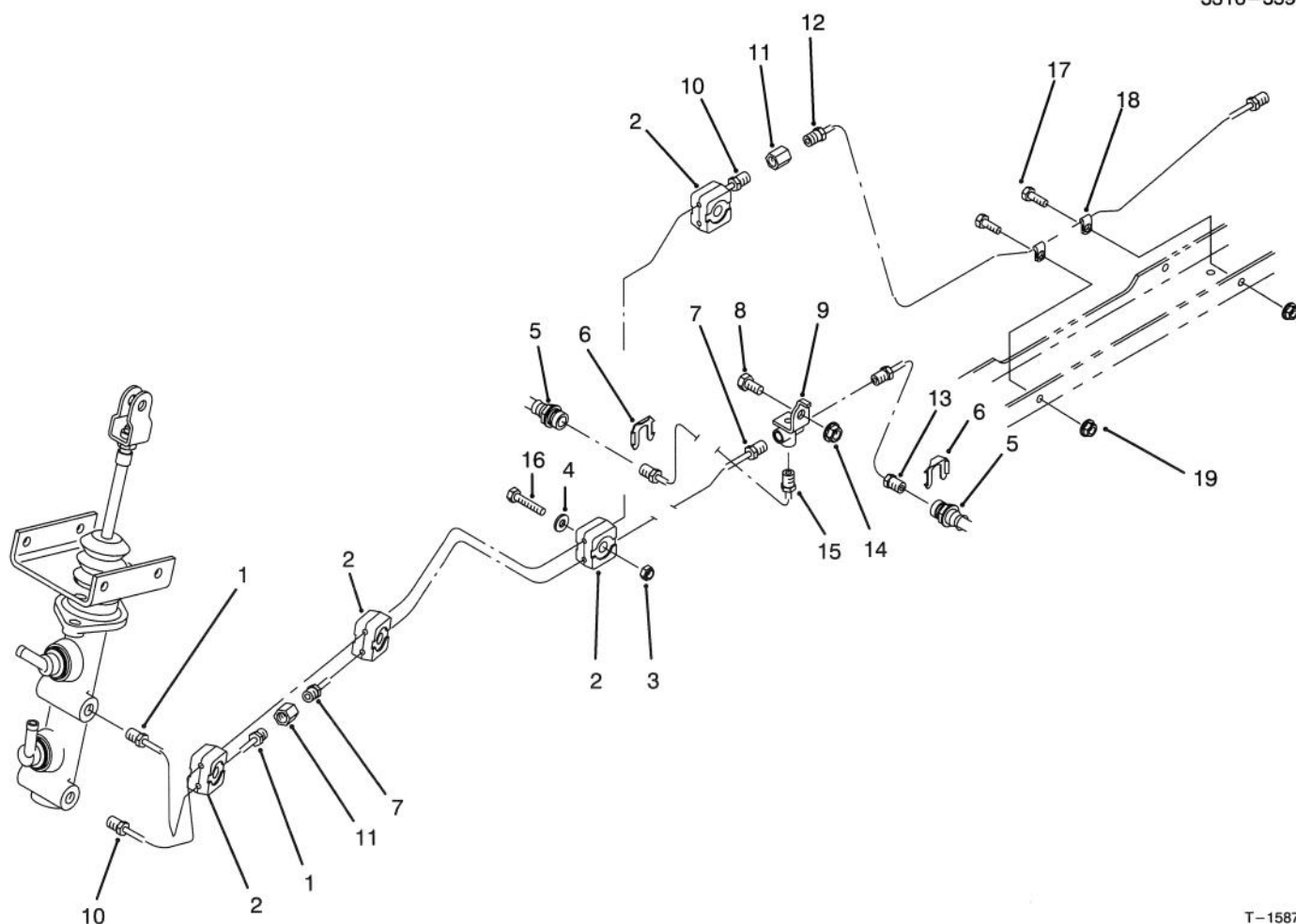


T-1586

MASTER BRAKE CYLINDER NO. 87-3030

Ref. No.	Part No.	Description	No. Used
1	92-4104	Adaptor - Pipe Fitting	2
2	92-4105	Seal Kits	1
3	92-4103	Pin - Stop	1
4	92-4102	Secondary Piston Assembly	1
5	92-4110	Clevis	1
6	21-0360	Nut	1

Ref. No.	Part No.	Description	No. Used
7	92-4107	Dust Cover	1
8	92-4106	Rod - Push	1
9	92-4109	Circlip	1
10	92-4108	Washer - Retainer	1
11	92-4101	Primary Piston Assembly	1



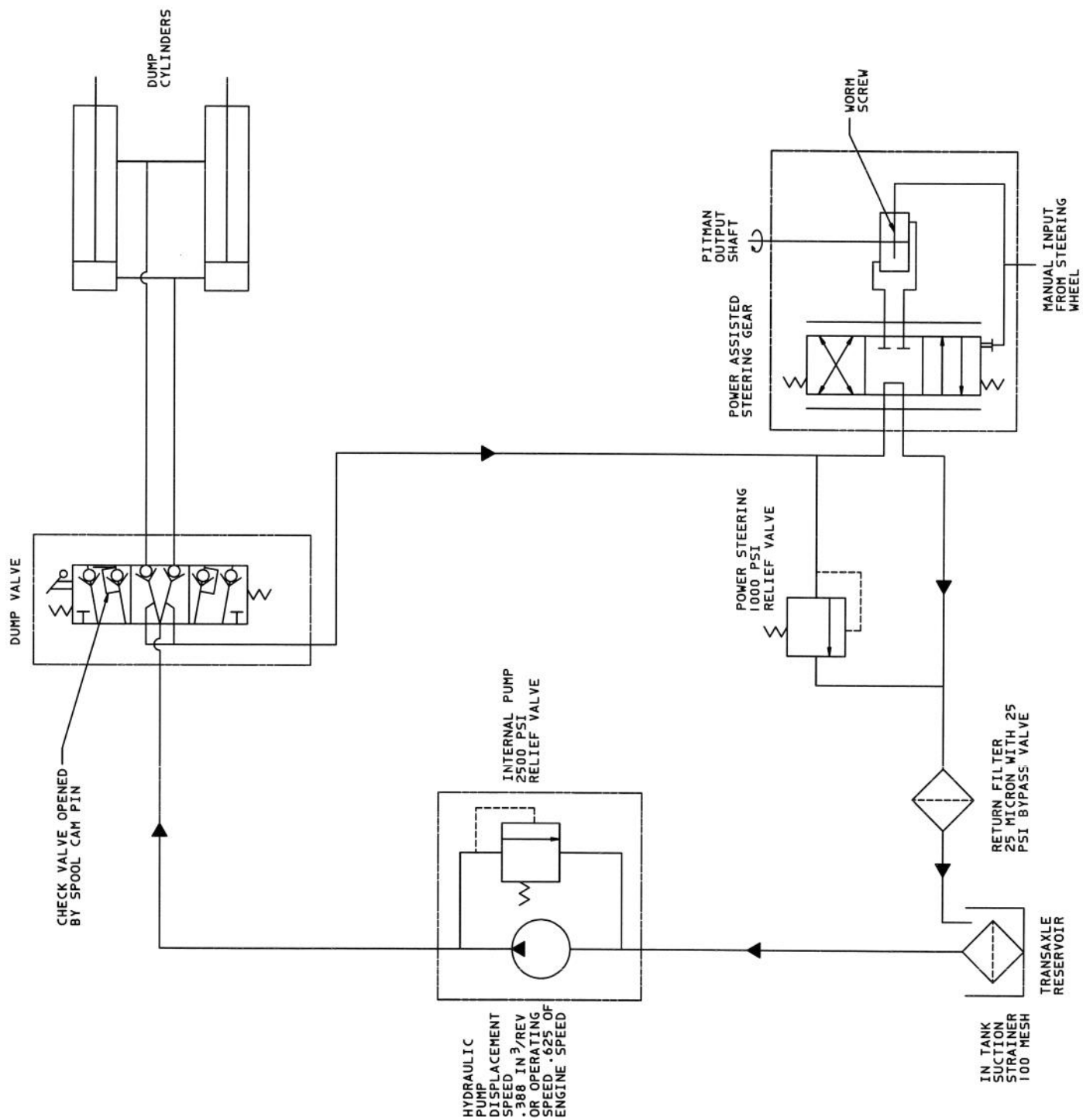
T-1587

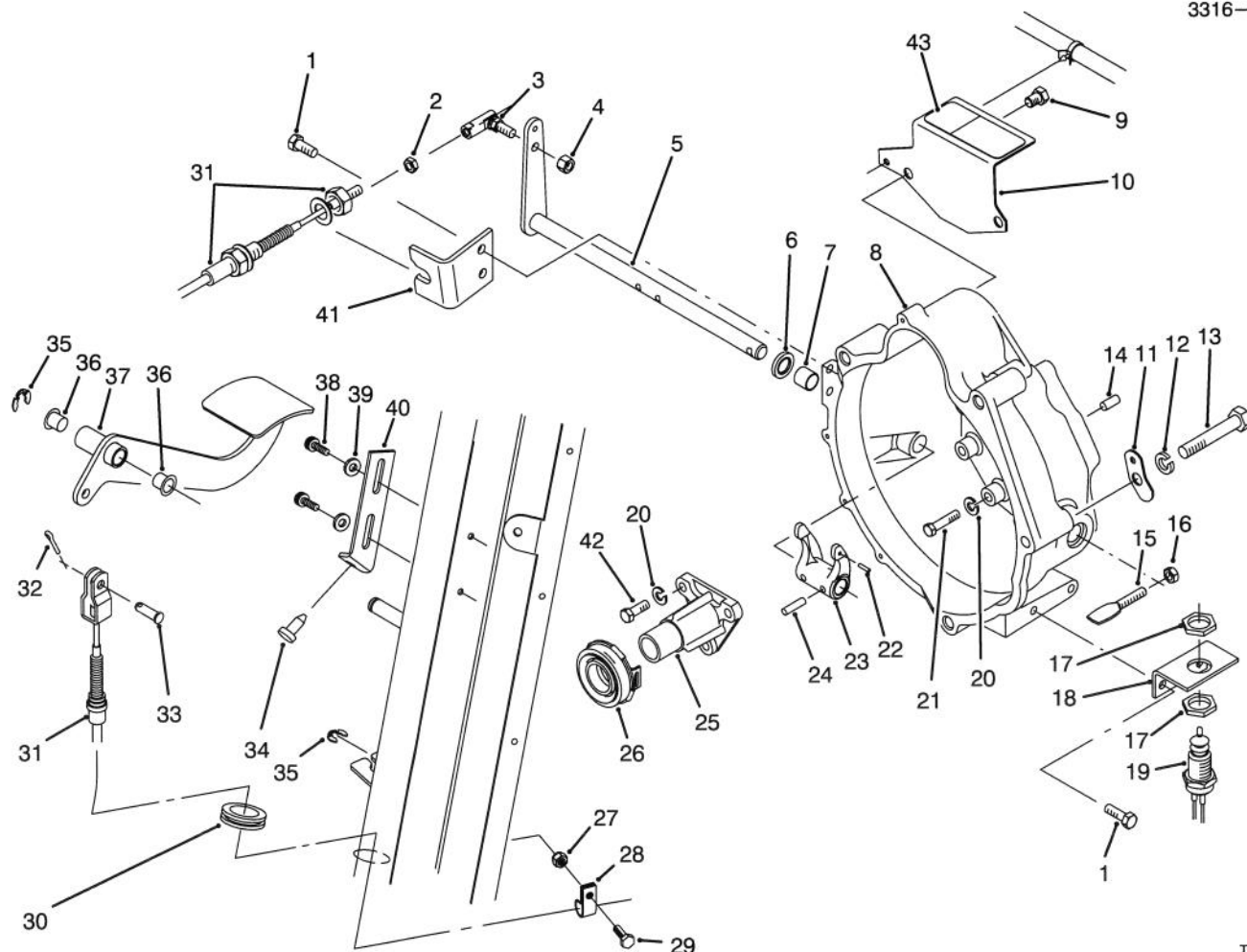
HYDRAULIC BRAKE LINE ROUTING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	87-2830	Tube - Brake	1
2	87-7660	Clamp - Brake Line	8
3	3296-42	Nut - Lock	4
4	3256-22	Washer - Flat	4
5	87-2780	Hose - Brake Front	2
6	87-3580	Retainer - Brake Hose	2
7	87-2840	Tube - Brake	1
8	322-2	Screw - Cap Hex. Hd.	1
9	87-3560	Tee - Brake Line	1
10	87-2810	Tube - Brake	1

Ref. No.	Part No.	Description	No. Used
11	87-3570	Fitting - Union	2
12	87-3260	Tube - Brake	1
13	87-2850	Tube - Brake	1
14	32128-20	Nut - Flange	1
15	87-2860	Tube - Brake	1
16	321-9	Screw - Cap Hex. Hd.	4
17	321-4	Screw - Cap Hex. Hd.	2
18	2412-149	R-Clamp	2
19	32128-33	Nut - Flange Head	2

HYDRAULIC SCHEMATIC

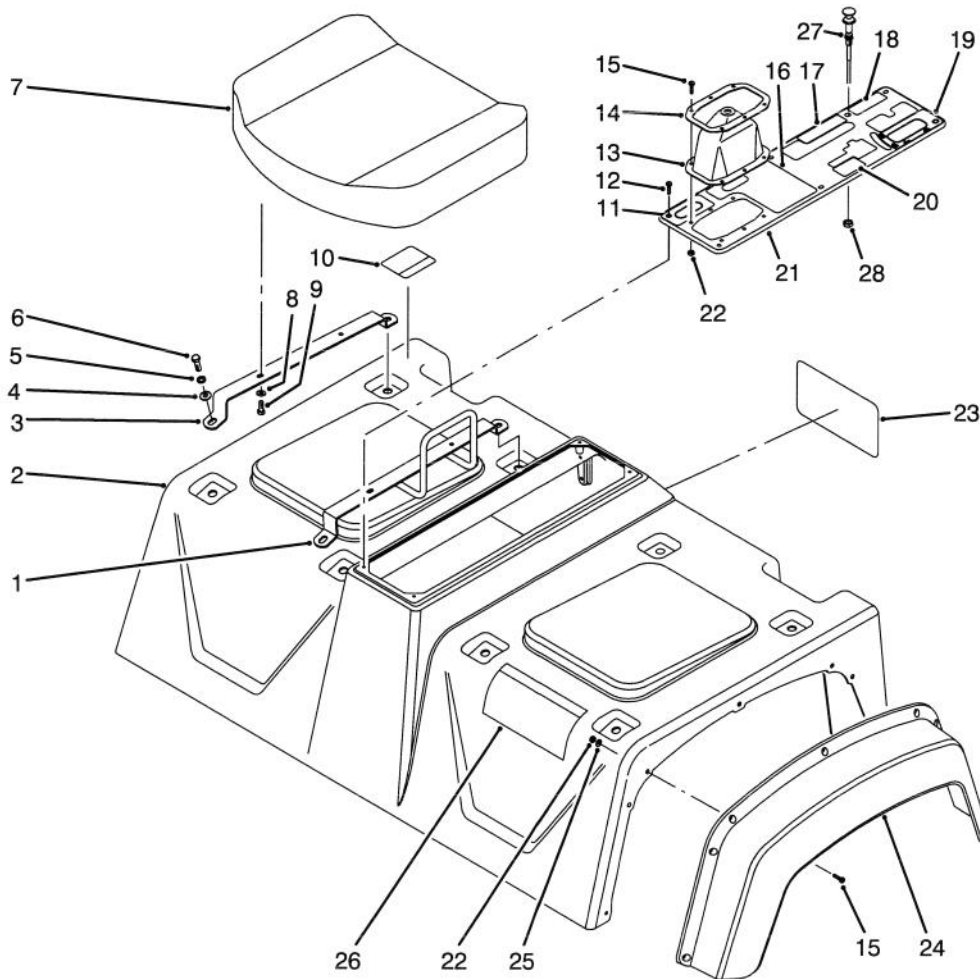




T-1731

CLUTCH LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	66-3160	Screw - Cap Hex. Hd.	4	23	87-5300	Fork - Clutch	1
2	3220-2	Nut - Jam	1	24	32121-24	Pin - Roll	2
3	2411-33	Joint - Ball	1	25	87-5320	Guide - Release	1
4	3296-4	Nut - Lock	1	26	87-2100	Bearing - Release	1
5	87-5290	Shaft - Release	1	27	32128-33	Nut - Flange Lock	1
6	87-1920	Seal - Shaft	2	28	2412-89	Clamp - R	1
7	87-3770	Bushing - Sleeve	2	29	321-4	Screw - Cap Hex. Hd.	1
8	87-1900	Housing - Bell	1	30	240-5	Grommet	1
9	60-9920	Screw - Cap Hex. Hd.	2	31	87-8590	Clutch Cable Assembly (Incl. Ref. #2)	1
10	87-8790	Starter Cover Plate Assy. (Incl. Ref. #43)	1	32	3272-10	Pin - Cotter	1
11	87-6410	Bracket - Harness	1	33	283-30	Pin - Clevis	1
12	3253-22	Washer - Lock	4	34	87-8460	Bumper	1
13	56-2150	Screw - Cap Hex. Hd.	4	35	32120-47	Ring - E	2
14	87-1910	Pin - Alignment	2	36	256-257	Bushing - Flange	2
15	87-5360	Lever	1	37	87-2610	Pedal - Clutch	1
16	3296-29	Nut - Lock	1	38	87-6620	Screw - Torx Pan Hd.	2
17	3218-20	Nut - Jam	2	39	3256-22	Washer - Flat	2
18	87-5350	Bracket - Switch	1	40	87-8710	Tab - Clutch	1
19	87-5490	Switch - Neutral	1	41	87-8471	Bracket - Clutch	1
20	42-9850	Washer - Lock	12	42	57-6380	Screw - Cap Hex. Hd.	3
21	42-9530	Screw - Cap Hex. Hd.	9	43	66-6840	Decal - Hot Surface	1
22	32121-7	Pin - Roll	1				

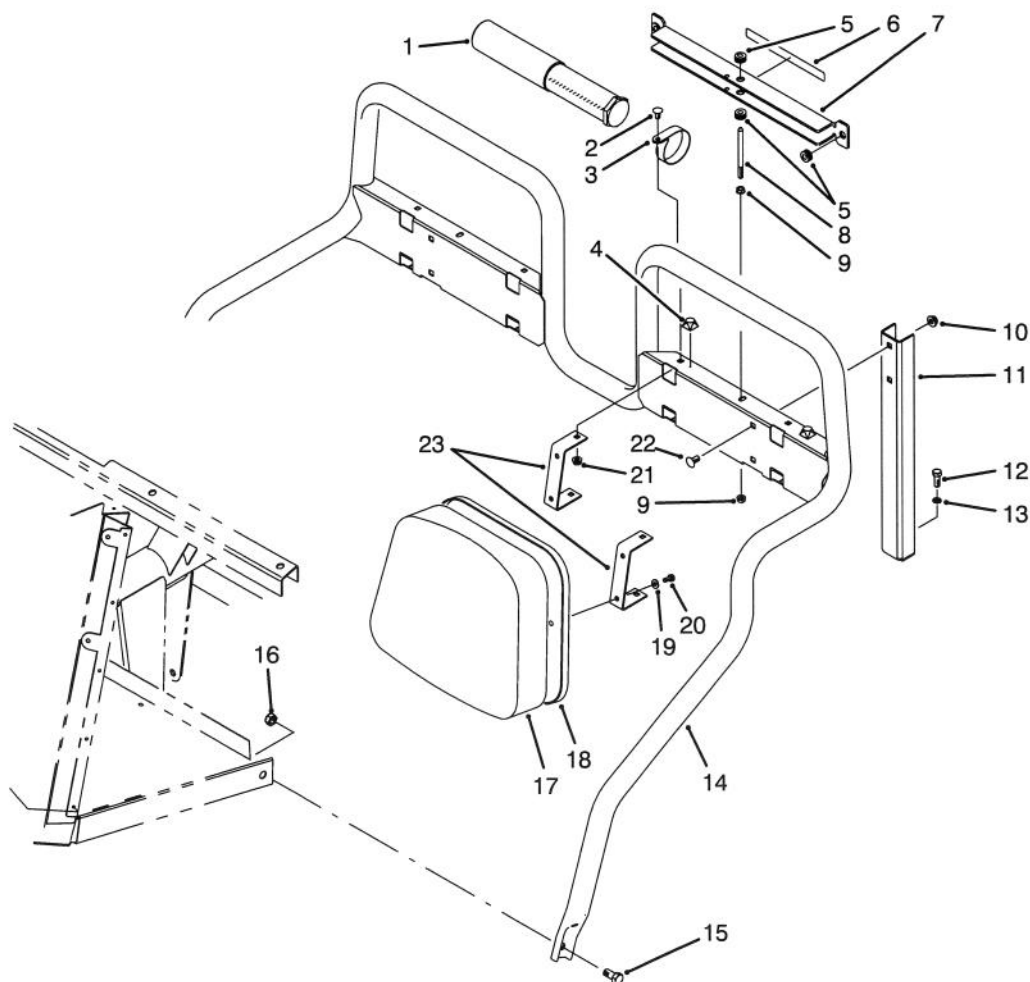


T-1589

SEAT BASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	87-6890	Hold - Hand	1
2	87-7070	Skirt Assembly (Incl. Ref. #10 & 26)	1
3	87-3800	Bracket - Seat Bottom	3
4	3256-23	Washer - Flat	8
5	3253-4	Washer - Lock	8
6	322-5	Screw - Cap Hex. Hd.	8
7	87-5060	Cushion - Seat Bottom	2
8	3256-22	Washer - Flat	8
9	321-4	Screw - Cap Hex. Hd.	8
10	87-5930	Decal - Caution	1
11	87-5960	Decal - Axle Range	1
12	32144-52	Screw - Hex. Hd.	6
13	87-8620	Boot - Shift	1
14	87-3760	Plate - Shift Boot	1

Ref. No.	Part No.	Description	No. Used
15	3250-13	Screw - Hex. Hd.	20
16	87-5970	Decal - PTO	1
17	87-6000	Decal - Differential Lock	1
18	92-2609	Decal - Remote Hydraulics	1
19	87-6010	Decal - Dump Hydraulics	1
20	87-6020	Decal - Parking Brake	1
21	87-8080	Console Plate Assembly (Incl. Ref. #11 & 16-20)	1
22	3296-2	Nut - Lock	20
23	87-9050	Decal - Quick Reference	1
24	87-2150	Fender - Front	2
25	3256-61	Washer - Flat	14
26	87-5920	Decal - Danger	1
27	87-8060	Choke Control Assembly	1
28	3220-3	Nut - Jam	1

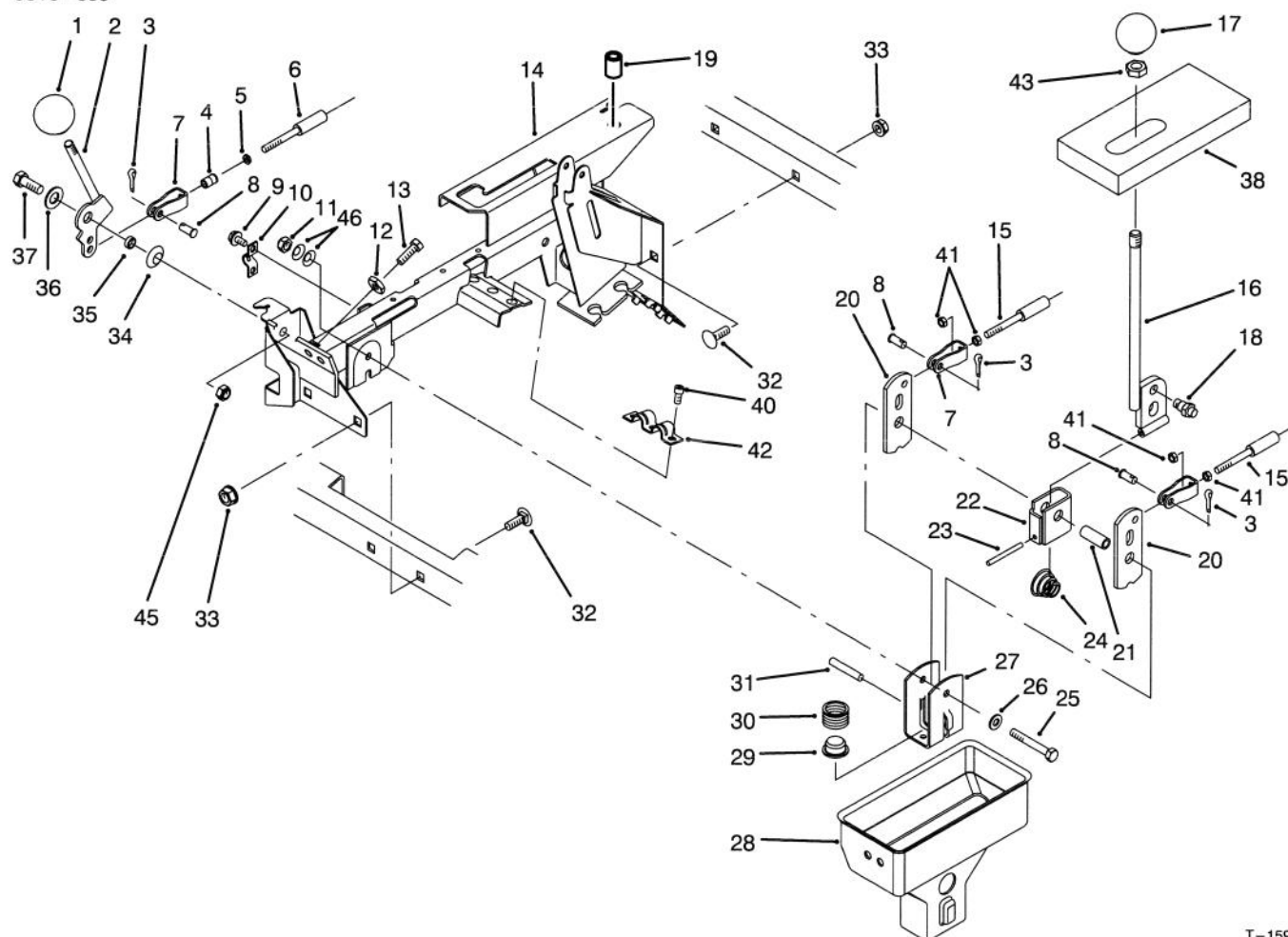


T-1779

SEAT BACK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-0720	Tube - Manual	1	12	323-6	Screw - Cap Hex. Hd.	2
2	3230-18	Bolt - Carriage	2	13	3253-21	Washer - Lock	2
3	2412-133	R-Clamp	2	14	87-6170	Frame - Seat	1
4	111071	Bumper	2	15	325-4	Screw - Cap Hex. Hd.	2
5	92-5972	Grommet	4	16	3296-23	Nut - Lock	2
6	87-7930	Decal - Danger	1	17	87-6290	Cushion - Seat Back	2
7	87-7950	Bed Support Assembly (Incl. Ref. #5 & 6)	1	18	87-6280	Plate - Seat Back	2
8	87-7940	Stud	1	19	3256-22	Washer - Flat	8
9	32128-44	Nut - Flange Lock	2	20	321-4	Screw - Cap Hex. Hd.	8
10	3290-357	Nut - Flange Lock	4	21	32128-20	Nut - Flange Lock	8
11	87-2510	Bracket - Seat Frame	2	22	3231-21	Bolt - Carriage	4
				23	87-6240	Bracket - Seat Back	4

3316-559

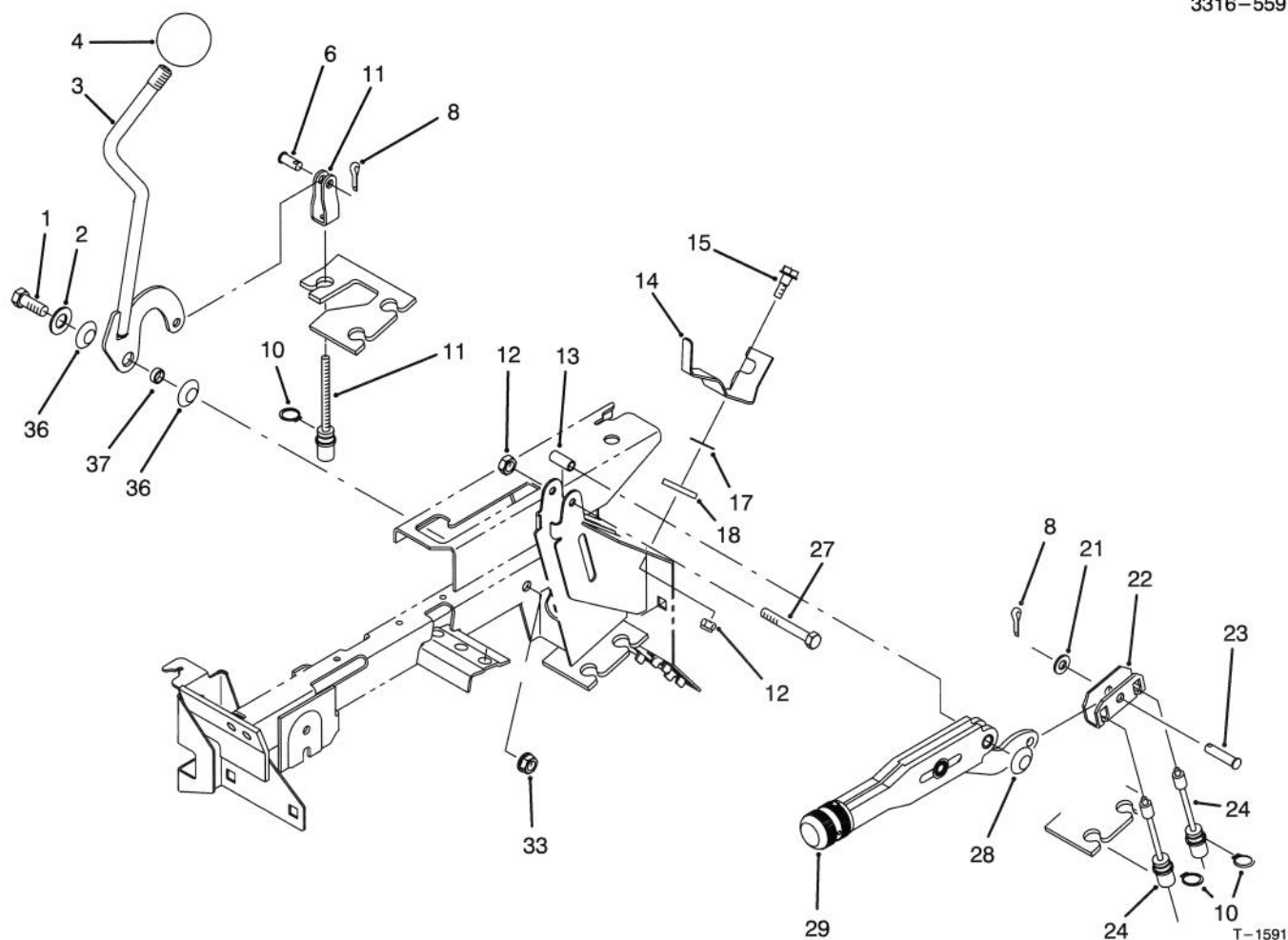


T-1590

HI-LO & SHIFT LEVER ASSEMBLIES

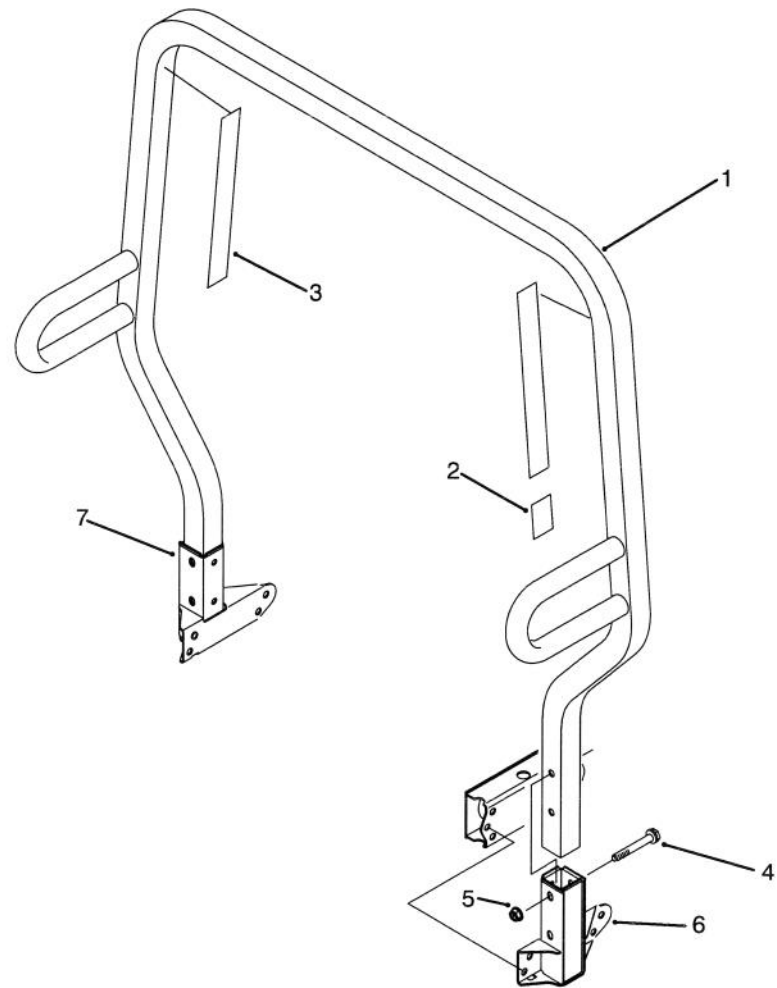
Ref. No.	Part No.	Description	No. Used
1	233-37	Knob	1
2	87-4350	Lever - Hi-Lo	1
3	3272-6	Pin - Cotter	3
4	32148-15	Insert - Threaded	1
5	3219-14	Nut	1
6	87-4420	Hi-Lo Cable Assembly (Incl. Ref. #5)	1
7	87-7160	Cable Clevis Assembly (Incl. Ref. #4)	3
8	283-62	Pin - Clevis	3
9	32144-4	Screw - Hex. Washer Hd.	2
10	87-4340	Clamp - Cable	1
11	3296-58	Nut - Lock	2
12	3220-3	Nut - Jam	2
13	3211-8	Screw - Cap Hex. Hd.	2
14	87-8110	Lever Support Assembly (Incl. Ref. #19)	1
15	87-4260	Cable Assembly (Incl. Ref. #41)	2
16	87-2040	Lever - Shift	1
17	87-6720	Knob	1
18	87-3650	Pin - Shift	1
19	32148-7	Nut - Clinch	2
20	87-3540	Link - Shift	2

Ref. No.	Part No.	Description	No. Used
21	87-2520	Tube - Pivot	1
22	87-6040	Bracket - Shifter	1
23	32121-48	Pin - Roll	1
24	87-2900	Spring - Compression	1
25	322-12	Screw - Cap Hex. Hd.	1
26	87-8640	Washer - Flat	1
27	87-3520	Clevis	1
28	87-2260	Boot - Shift Lower	1
29	87-3530	Button - Shifter	1
30	87-3660	Spring - Compression	1
31	3290-507	Pin - Dowel	1
32	3231-21	Bolt - Carriage	4
33	3290-357	Nut - Flange Lock	4
34	3290-221	Washer - Spring	1
35	76-9100	Spacer - Hi-Lo Lever	1
36	49-9150	Washer - Flat	1
37	323-6	Screw - Cap Hex. Hd.	1
38	87-6570	Foam - Seal	1
40	65-5220	Screw - Hex. Socket Hd.	3
41	3220-1	Nut - Jam	4
42	87-4960	Clamp - Cable	1
43	3218-18	Nut - Jam	1
45	3296-39	Nut - Lock	1
46	3290-456	Washer - Belleville	2



DIFFERENTIAL LOCK & PARKING BRAKE ASSEMBLIES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-6	Screw - Cap Hex. Hd.	1	17	3290-478	Washer - Belleville	1
2	49-9150	Washer - Flat	1	18	71-5320	Washer - Flat	1
3	87-5030	Lever - Differential Lock	1	21	3256-23	Washer - Flat	1
4	233-48	Knob	1	22	87-3480	Plate - Brake Equalizer	1
6	283-62	Pin - Clevis	1	23	283-14	Pin - Clevis	1
8	3272-10	Pin - Cotter	2	24	87-8240	Cable - Parking Brake	2
10	32120-47	Ring - Retaining	3	27	321-9	Screw - Cap Hex. Hd.	1
11	87-4460	Differential Lock Cable	1	28	3290-477	Washer - Curved	1
12	3296-42	Nut - Lock	2	29	87-2710	Lever - Parking Brake	1
13	87-4710	Spacer - Parking Brake	1	33	3296-39	Nut - Lock	1
14	87-6640	Lever - Dump Stop	1	36	3290-221	Washer - Spring	2
15	42-3560	Screw - Shoulder	1	37	76-2290	Spacer	1

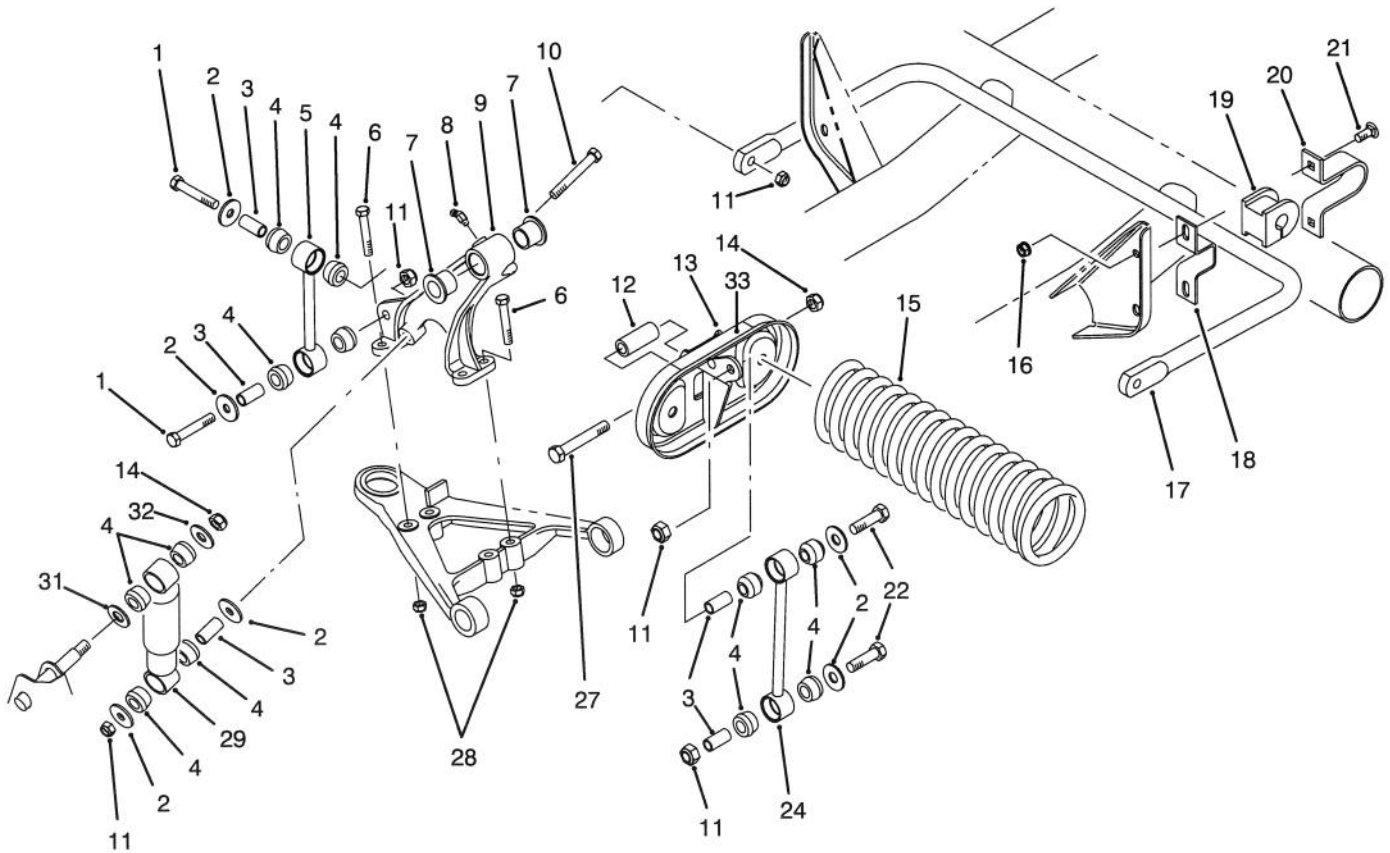


T-1592

R.O.P.S. ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	87-7090	R.O.P.S. Frame Assembly (Incl. Ref. #2 & 3)	1
2	87-5940	Decal - Rollover	1
3	87-5980	Decal - ROPS	2

Ref. No.	Part No.	Description	No. Used
4	3234-40	Screw - Hex. Flange Hd.	4
5	32128-23	Nut - Flange Lock	4
6	87-6950	Receiver - LH	1
7	87-6960	Receiver - RH	1



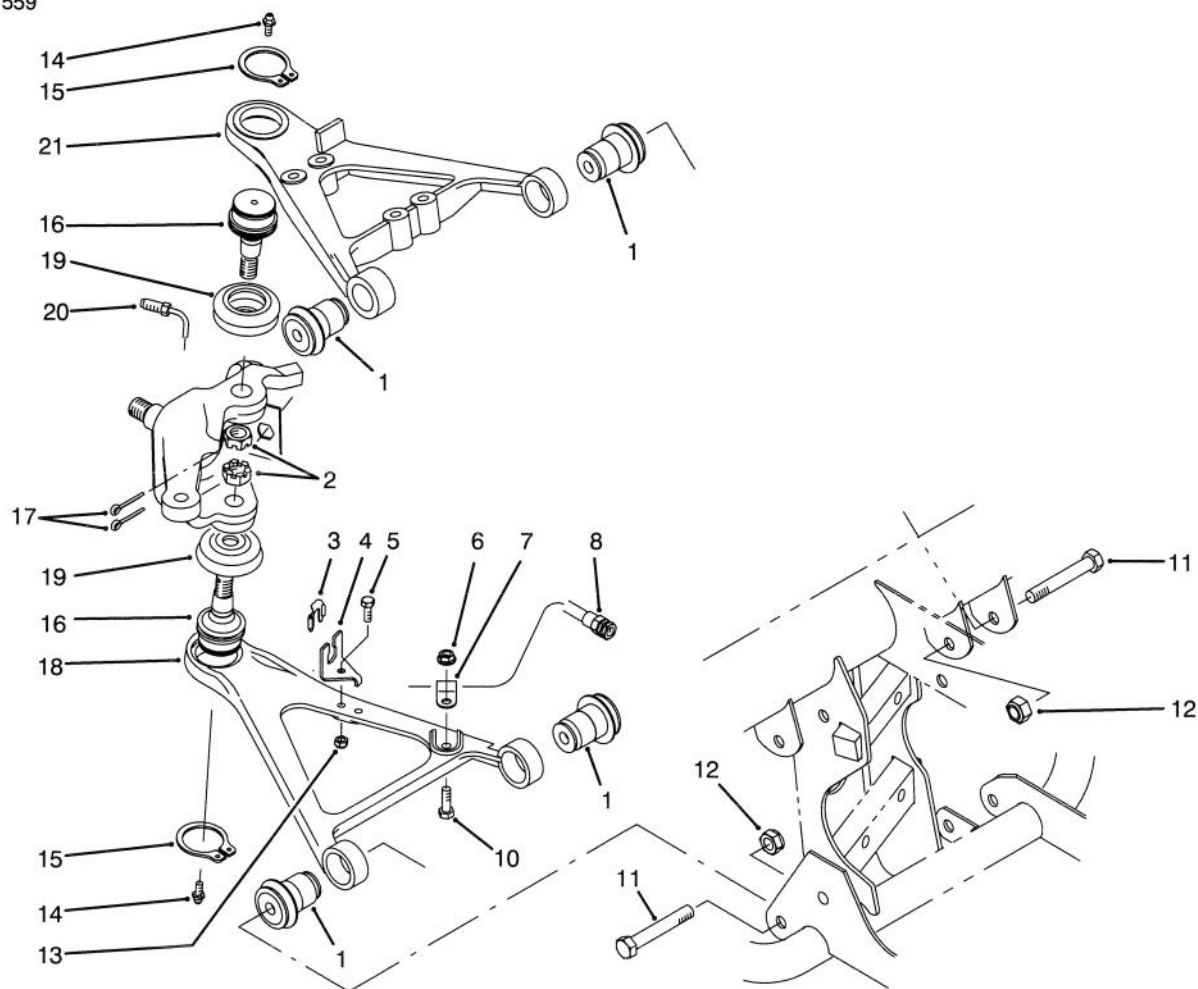
T-1593

FRONT SUSPENSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	324-10	Screw - Cap Hex. Hd.	4
2	87-5330	Washer	12
3	87-3600	Spacer	10
4	87-3920	Bushing - Rubber	24
5	87-3860	Link - Anti-Sway Bar	2
6	323-12	Screw - Cap Hex. Hd.	8
7	33-3090	Bushing - Flange	4
8	302-11	Fitting - Grease	2
9	87-0150	Tower - Control Arm RH	1
*	87-0160	Tower - Control Arm LH	1
10	324-13	Screw - Cap Hex. Hd.	2
11	3296-48	Nut - Lock	10
12	87-2500	Sleeve - Spring Pivot	2
13	87-7150	Spring Cradle Assembly (Incl. Ref. #33)	2
14	3296-23	Nut - Lock	4

Ref. No.	Part No.	Description	No. Used
15	87-0690	Spring - Compression	2
16	3290-357	Nut - Flange Lock	4
17	87-3850	Bar - Anti-Sway	1
18	87-3890	Bracket - Anti-Sway Bar	2
19	87-3910	Bushing - Anti-Sway Bar	2
20	87-4010	Clamp - Anti-Sway Bar	2
21	3231-3	Bolt - Carriage	4
22	324-9	Screw - Cap Hex. Hd.	4
24	87-2480	Link - Stabilizer	2
27	325-13	Screw - Cap Hex. Hd.	4
28	3296-39	Nut - Lock	8
29	87-3110	Absorber - Shock	2
31	3256-27	Washer - Flat	2
32	3256-6	Washer - Flat	2
33	44-0760	Decal - Warning	2

*Not Illustrated



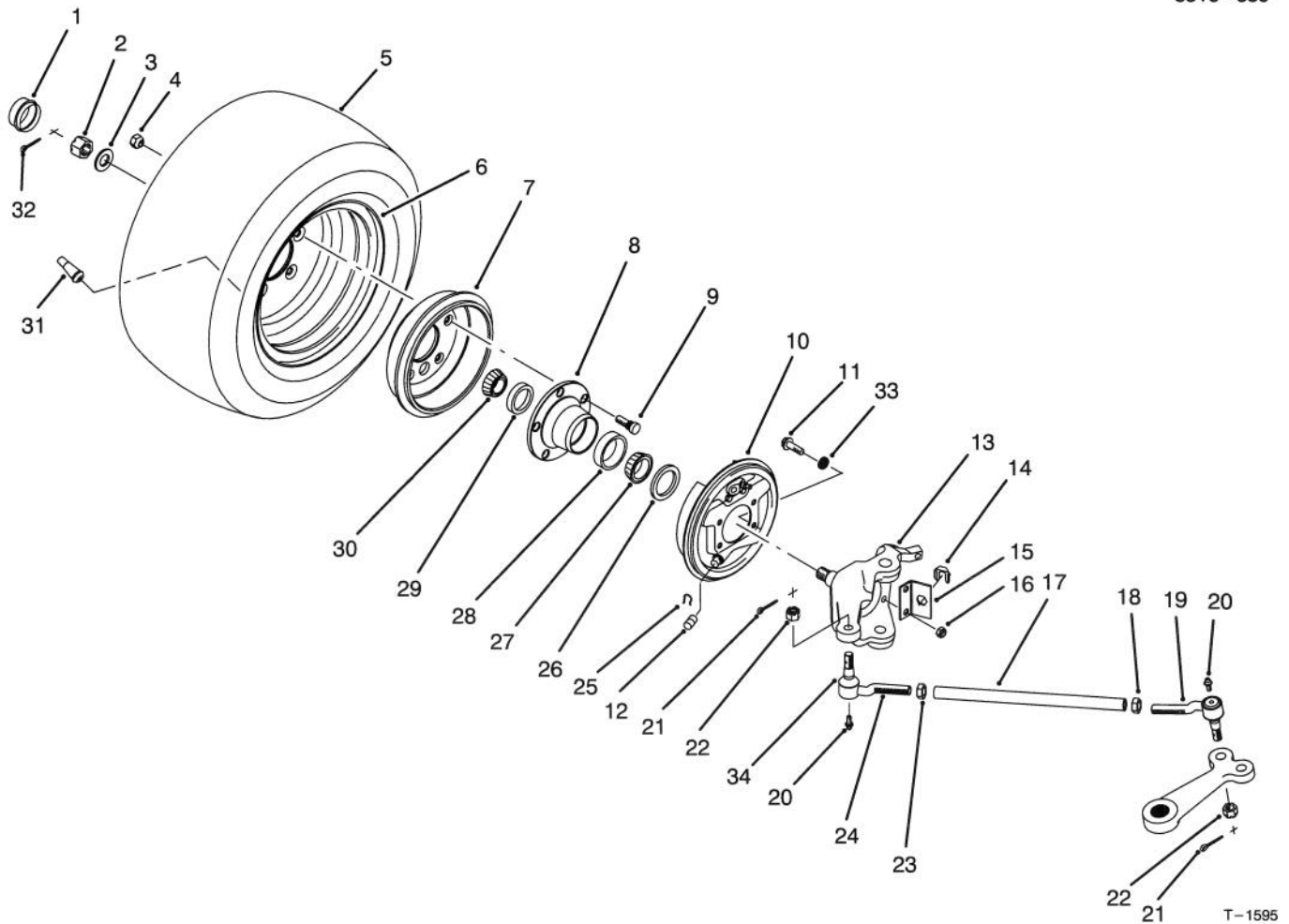
T-1594

FRONT SUSPENSION CONTROL ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	87-1450	Bushing - Rubber	8
2	32136-2	Nut - Slotted	4
3	87-3580	Retainer - Brake Hose	2
4	87-2870	Bracket - Brake Hose	2
5	321-6	Screw - Cap Hex. Hd.	2
6	32128-20	Nut - Flange Lock	2
7	2412-10	Clamp - R	2
8	87-2780	Hose - Brake Front	2
10	322-5	Screw - Cap Hex. Hd.	2
11	325-13	Screw - Cap Hex. Hd.	8
12	3296-23	Nut - Flange Lock	8
13	3296-42	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
14	302-5	Fitting - Grease	4
15	32151-104	Ring - Snap	4
16	87-1430	Joint - Ball	4
17	3272-12	Pin - Cotter	4
18	87-0210	Arm - Control Lower RH	1
*	87-0220	Arm - Control Lower LH	1
19	87-2420	Boot	4
20	87-2800	Tube - Brake RH	1
*	87-2790	Tube - Brake LH	1
21	87-0170	Arm - Control Upper RH	1
*	87-0180	Arm - Control Upper LH	1

*Not Illustrated

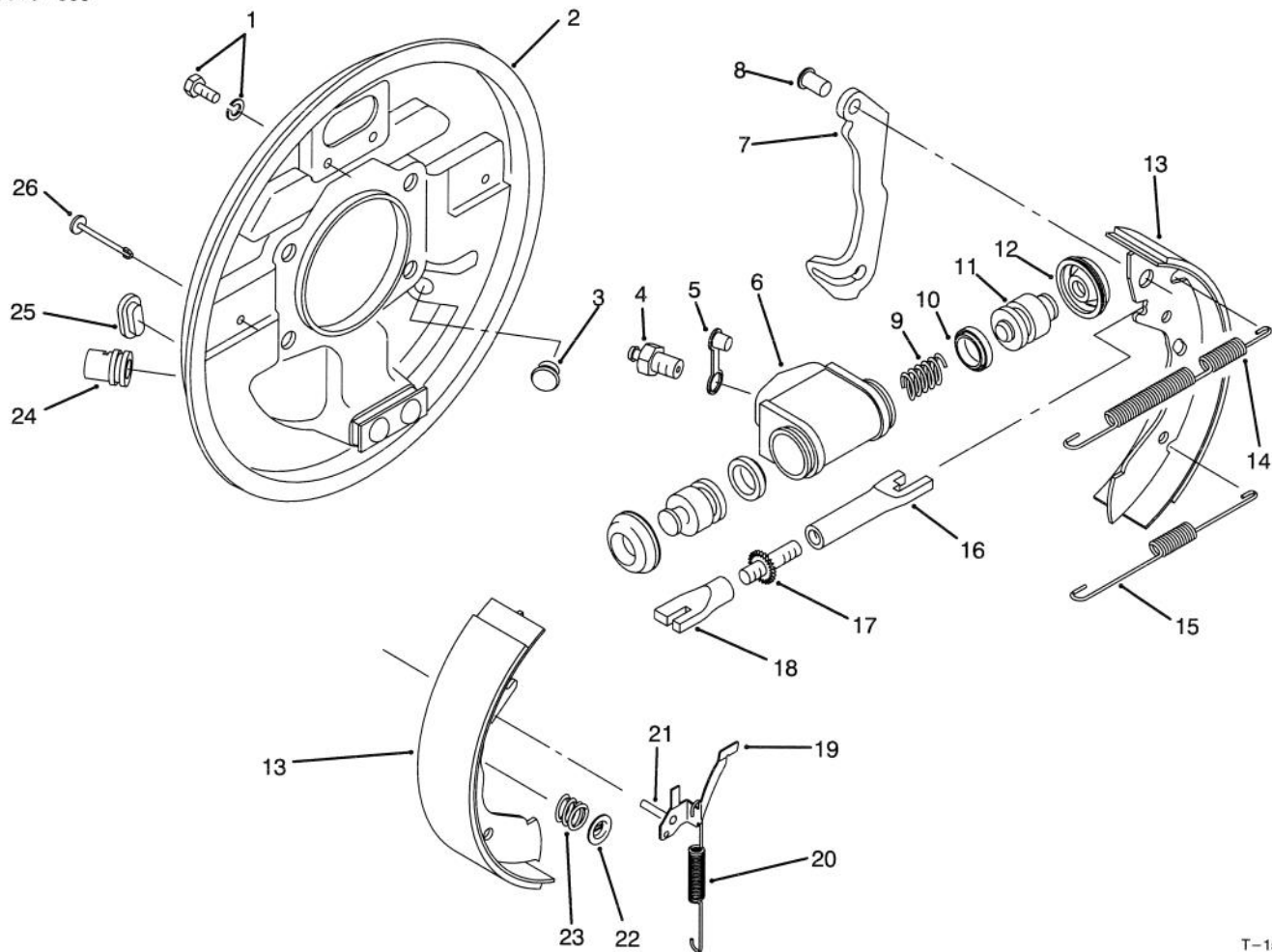


FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	241-119	Cap Dust	2
2	32136-5	Nut Slotted	2
3	3256-28	Washer - Flat	2
4	23-7270	Nut - Lug	10
5	87-3300	Tire	2
6	87-5720	Rim	2
7	87-0270	Drum - Brake	2
8	87-5560	Hub - Wheel	2
9	87-8730	Stud - Drive	10
10	87-3010	Brake Assembly - RH	1
*	87-3020	Brake Assembly - LH	1
11	323-8	Screw - Hex. Flange Hd.	8
12	87-3450	Plug	2
13	87-5520	Spindle - RH	1
*	87-5540	Spindle - LH	1
14	87-3580	Retainer	2
15	87-2820	Bracket - Hose	2
16	3296-39	Nut - Lock	8
17	87-2410	Rod - Tie	2
18	3218-21	Nut - Jam	2

Ref. No.	Part No.	Description	No. Used
19	87-1470	Rod End Assy. - LH Thread (Incl. Ref. # 20-22 & 34)	2
20	302-5	Fitting - Grease	4
21	3272-12	Pin - Cotter	4
22	32136-3	Nut - Slotted	4
23	3220-11	Nut - Jam	2
24	87-1480	Rod End Assy. - RH Thread (Incl. Ref. #20-22 & 34)	2
25	87-3310	Clip - Brake Cable	2
26	87-3590	Seal - Bearing	2
27	254-106	Cone - Bearing	2
28	254-107	Cup - Bearing	2
29	254-72	Cup - Bearing	2
30	254-94	Cone - Bearing	2
31	232-27	Stem - Valve	2
32	3272-12	Pin - Cotter	2
33	3253-21	Washer - Lock	8
34		Seal - Rod End	4
*	87-5340	Seal Kit - Tie Rod End (Incl. Ref. #20-22 & 34)	4

*Not Illustrated



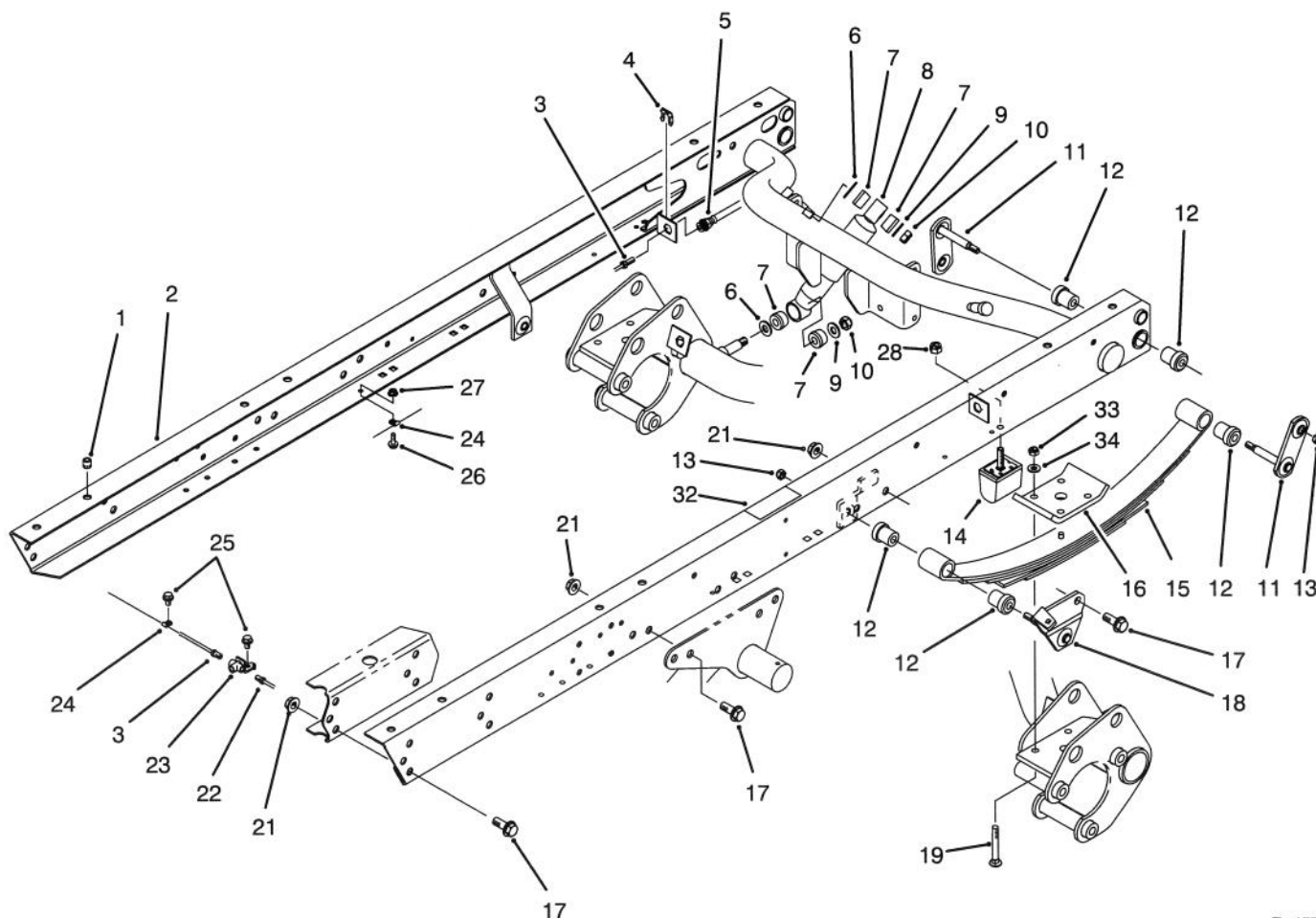
T-1596

FRONT BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-4135	Set Bolt	2
2	92-4115	Backplate Assembly LH (Incl. Ref. #24)	1
*	92-4116	Backplate Assembly RH (Incl. Ref. #24)	1
3	92-4125	Plug	1
4	92-4113	Screw - Bleed	1
5	92-4114	Cap - Bleed Screw	1
6		Body	1
7		Lever - Operating LH/RH	1
8		Pin	1
9		Spring	1
10		Seal - 'L' Type	2
11		Piston	2
12		Cover - Dust	2
13	92-4120	Shoe & Lining Set (4 Shoes) (Incl. Ref. #7 & 8)	1
14	92-4126	Spring - Shoe, Upper LH	1
*	92-4127	Spring - Shoe, Upper RH	1
15	92-4128	Spring - Shoe, Lower	1
16		Pushrod - Female LH	1
*		Pushrod - Female RH	1
17		Bolt - Adjuster	1
18		Sleeve - Adjuster	1

Ref. No.	Part No.	Description	No. Used
19	92-4123	Pawl Assembly - LH (Incl. Ref. #21)	1
*	92-4124	Pawl Assembly - RH (Incl. Ref. #21)	1
20	92-4129	Spring - Adjuster, LH	1
*	92-4130	Spring - Adjuster, RH	1
21		Pin - Pawl	1
22	92-4131	Washer - Hold Down	2
23	92-4132	Spring - Hold Down	2
24		Guide - Pipe	1
25	92-4134	Plug - Inspection	1
26	92-4133	Pin - Hold Down	2
*	92-4121	Adjuster Assembly - LH (Incl. Ref. #16-18)	1
*	92-4122	Adjuster Assembly - RH (Incl. Ref. #16-18)	1
*	92-4117	Wheel Cylinder Assy. - LH (Incl. Ref. #4-6 & 9-12)	1
*	92-4118	Wheel Cylinder Assy. - RH (Incl. Ref. #4-6 & 9-12)	1
*	92-4119	Kit - Seal (Incl. Ref. #10 & 12)	1
*	87-3010	Front Brake Assembly - RH (Complete)	1
*	87-3020	Front Brake Assembly - LH (Complete)	1

*Not Illustrated



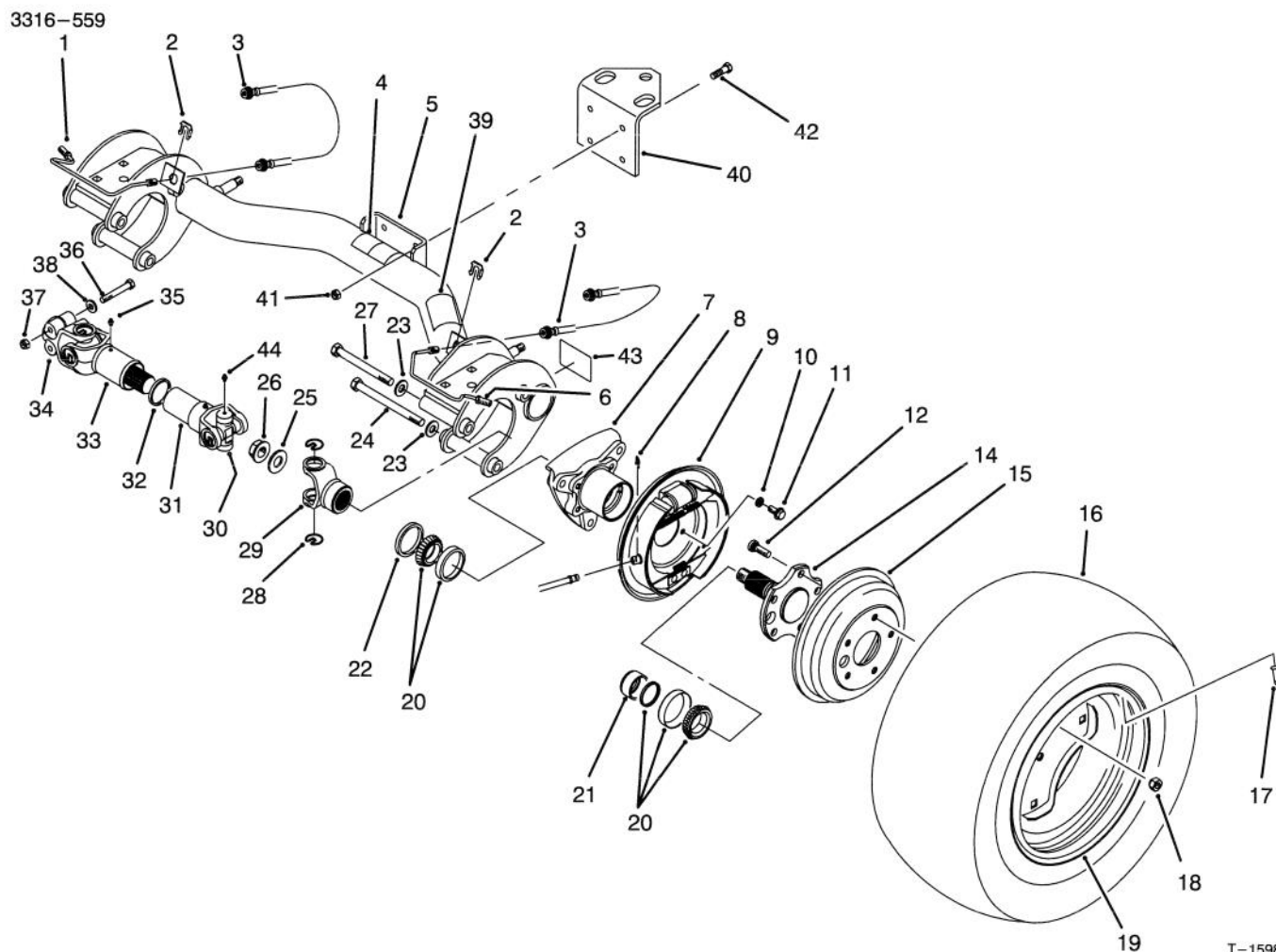
T-1778

REAR FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32148-10	Insert - Threaded	8
2	87-8440	Rear Frame Assembly (Incl. Ref. #32)	1
3	87-3270	Tube - Brake RH	1
4	87-3580	Retainer	2
5	87-4100	Hose - Brake	2
6	3256-27	Washer - Flat	8
7	87-3920	Bushing - Rubber	8
8	87-3110	Shock Absorber	2
9	3256-6	Washer - Flat	4
10	3296-23	Nut - Lock	4
11	87-3980	Shackle - Spring	4
12	87-4760	Bushing	12
13	3296-39	Nut - Lock	6
14	87-3470	Bumper - Spring	2
15	87-1490	Spring - Leaf	2

Ref. No.	Part No.	Description	No. Used
16	87-7470	Plate - Clamp	2
17	3234-38	Screw - Hex. Flange Hd.	22
18	87-3960	Mount - Spring LH	1
*	87-3940	Mount - Spring RH	1
19	3232-17	Bolt - Carriage	8
21	32128-23	Nut - Flange Lock	22
22	87-3280	Tube - Brake LH	1
23	87-3560	Tee - Brake Tube	1
24	2412-149	Clamp - Tube	5
25	32104-82	Screw - Hex. Flange Hd.	2
26	3234-4	Screw - Hex. Flange Hd.	4
27	32128-33	Nut - Flange Lock	4
28	48-9520	Nut - Lock	2
32	66-6840	Decal - Caution	1
33	3296-76	Nut - Lock	8
34	87-7480	Washer - Flat	8

*Not Illustrated



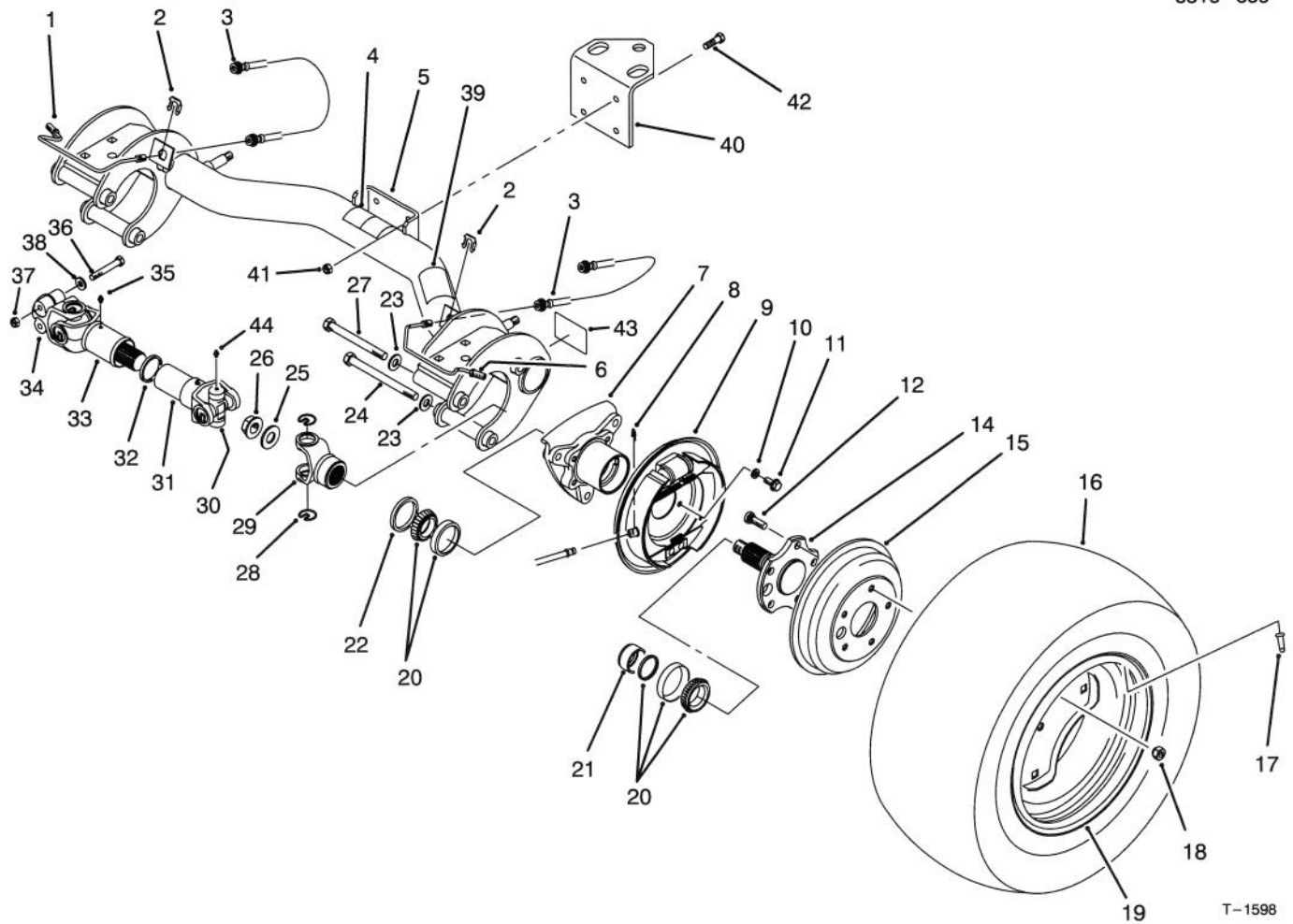
T-1598

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	87-4090	Tube - Brake RH	1
2	87-3580	Retainer - Brake Hose	2
3	87-4100	Hose - Brake	2
4	87-6060	Decal - ATF	1
5	87-7110	Rear Axle Assembly (Incl. Ref. #4, 39 & 43)	1
6	87-4080	Tube - Brake LH	1
7	87-2240	Housing - Axle	2
8	87-3310	Clip - Brake Cable	2
9	87-3840	Brake Assembly LH	1
*	87-3830	Brake Assembly RH	1
10	3253-21	Washer - Lock	8
11	323-6	Screw - Cap Hex. Hd.	8
12	87-8730	Stud - Drive	10
14	87-8740	Stub - Axle	2
15	87-1840	Drum - Brake	2
16	87-3290	Tire - Rear 23"	2
*	87-6740	Tire - Rear 24" (Optional)	2
17	232-27	Valve - Stem	2
18	23-7270	Nut - Lug	10
19	87-3000	Rim - Rear 23"	2
*	87-6750	Rim - Rear 24" (Optional)	2
20	87-1970	Bearing Matched Set	2

Ref. No.	Part No.	Description	No. Used
21	87-4060	Spacer - Bearing	2
22	87-3590	Seal - Bearing	2
23	87-7270	Washer - Flat	6
24	325-20	Screw - Cap Hex. Hd.	5
25	87-3060	Washer - Flat	2
26	32128-53	Nut - Flange Lock	2
27	325-19	Screw - Cap Hex. Hd.	1
28	92-4188	Ring - Snap	16
29	92-4183	Yoke - End	2
30	92-4187	Cross & Bearing Kit	4
31	92-4182	Yoke & Hub Assembly (Incl. Ref. #28)	2
32	92-4180	Seal	2
33	92-4179	Yoke, Shaft & Seal	2
34	92-4177	Yoke - Double Clamp	2
35	302-5	Fitting - Grease	2
36	87-8700	Screw - Cap Hex. Hd.	4
37	32128-36	Nut - Lock	4
38	80-6990	Washer	4
39	87-5990	Decal - PTO	1
40	92-2671	Hitch Angle Kit (Incl. Ref. #41 & 42)	1
41	3296-39	Nut - Lock	4
42	323-7	Screw - Cap Hex. Hd.	4
43	87-9080	Decal - Grease	2

*Not Illustrated



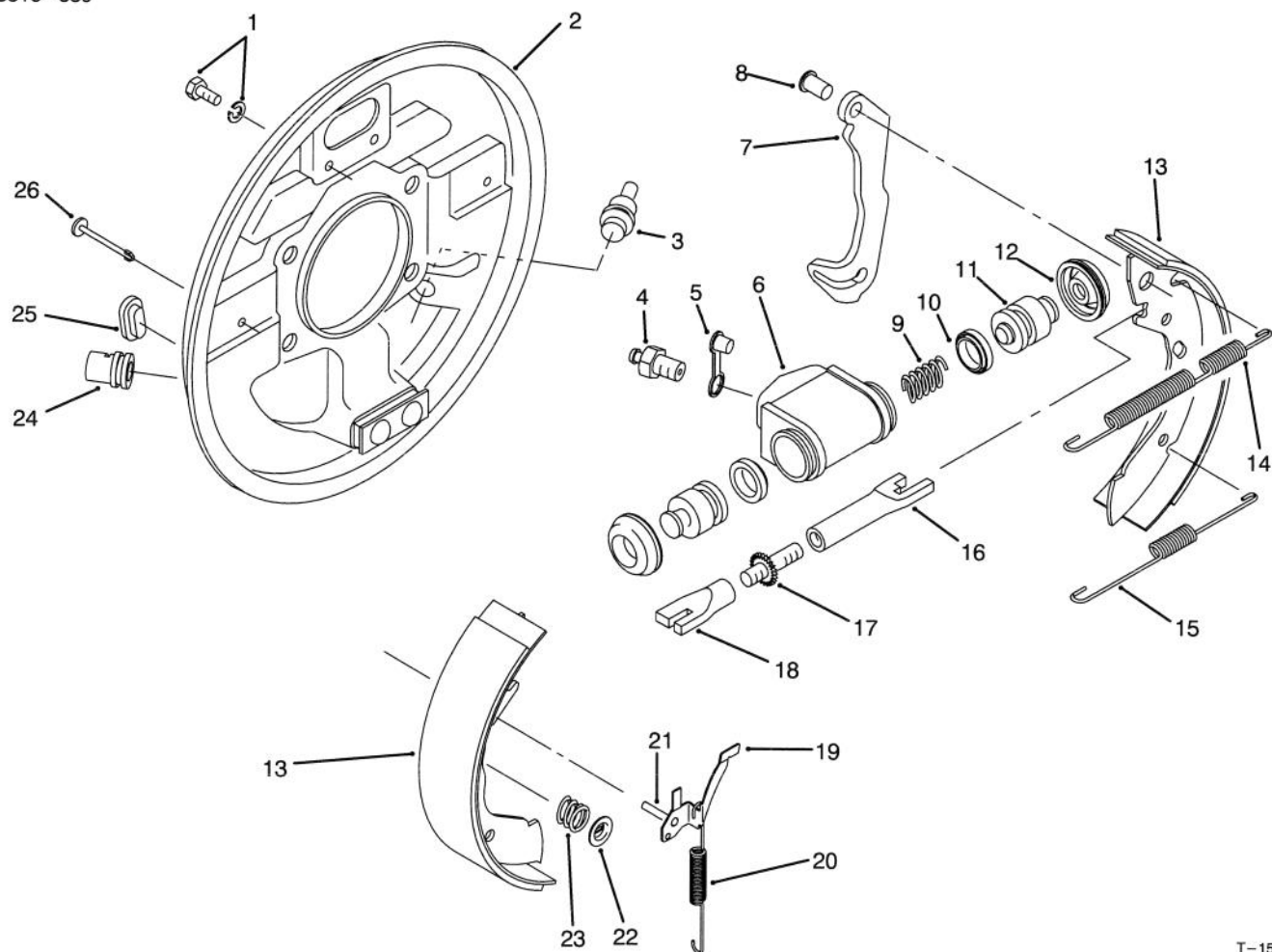
T-1598

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	302-58	Fitting - Grease	16
*	87-8750	Driveshaft Assembly (Incl. Ref. #28-35 & 44)	2

Ref. No.	Part No.	Description	No. Used
*	87-6370	Rear Tire & Wheel Assembly (23")	2
*	87-5370	Rear Tire & Wheel Assembly (24")	2

*Not Illustrated



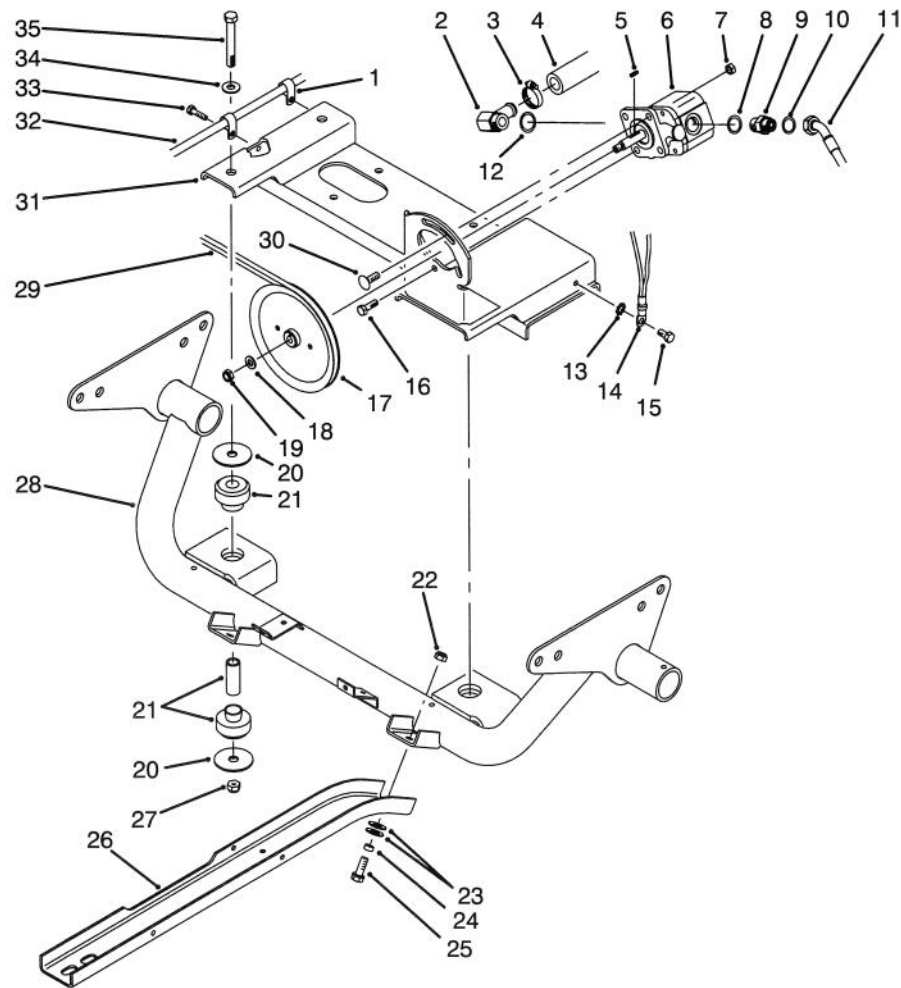
T-1599

REAR BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-4135	Set Bolt	2
2	92-4138	Backplate Assembly LH (Incl. Ref. #24)	1
*	92-4139	Backplate Assembly RH (Incl. Ref. #24)	1
3	92-4146	Plug	1
4	92-4137	Screw - Bleed	1
5	92-4114	Cap - Bleed Screw	1
6		Body	1
7		Lever - Operating LH/RH	1
8		Pin	1
9		Spring	1
10		Seal - 'L' Type	2
11		Piston	2
12		Cover - Dust	2
13	92-4143	Shoe & Lining Set (4 Shoes) (Incl. Ref. #7 & 8)	1
14	92-4147	Spring - Shoe, Upper LH	1
*	92-4148	Spring - Shoe, Upper RH	1
15	92-4149	Spring - Shoe, Lower	1
16		Pushrod - Female LH	1
*		Pushrod - Female RH	1
17		Bolt - Adjuster	1
18		Sleeve - Adjuster	1

Ref. No.	Part No.	Description	No. Used
19	92-4123	Pawl Assembly - LH (Incl. Ref. #21)	1
*	92-4124	Pawl Assembly - RH (Incl. Ref. #21)	1
20	92-4150	Spring - Adjuster, LH	1
*	92-4151	Spring - Adjuster, RH	1
21		Pin - Pawl	1
22	92-4131	Washer - Hold Down	2
23	92-4152	Spring - Hold Down	2
24		Guide - Pipe	1
25	92-4134	Plug - Inspection	1
26	92-4133	Pin - Hold Down	2
*	92-4144	Adjuster Assembly - LH (Incl. Ref. #16-18)	1
*	92-4145	Adjuster Assembly - RH (Incl. Ref. #16-18)	1
*	92-4140	Wheel Cylinder Assy. - LH (Incl. Ref. #4-6 & 9-12)	1
*	92-4141	Wheel Cylinder Assy. - RH (Incl. Ref. #4-6 & 9-12)	1
*	92-4142	Seal Kit (Incl. Ref. #10 & 12)	1
*	87-3830	Rear Brake Assembly - RH (Complete)	1
*	87-3840	Rear Brake Assembly - LH (Complete)	1

*Not Illustrated

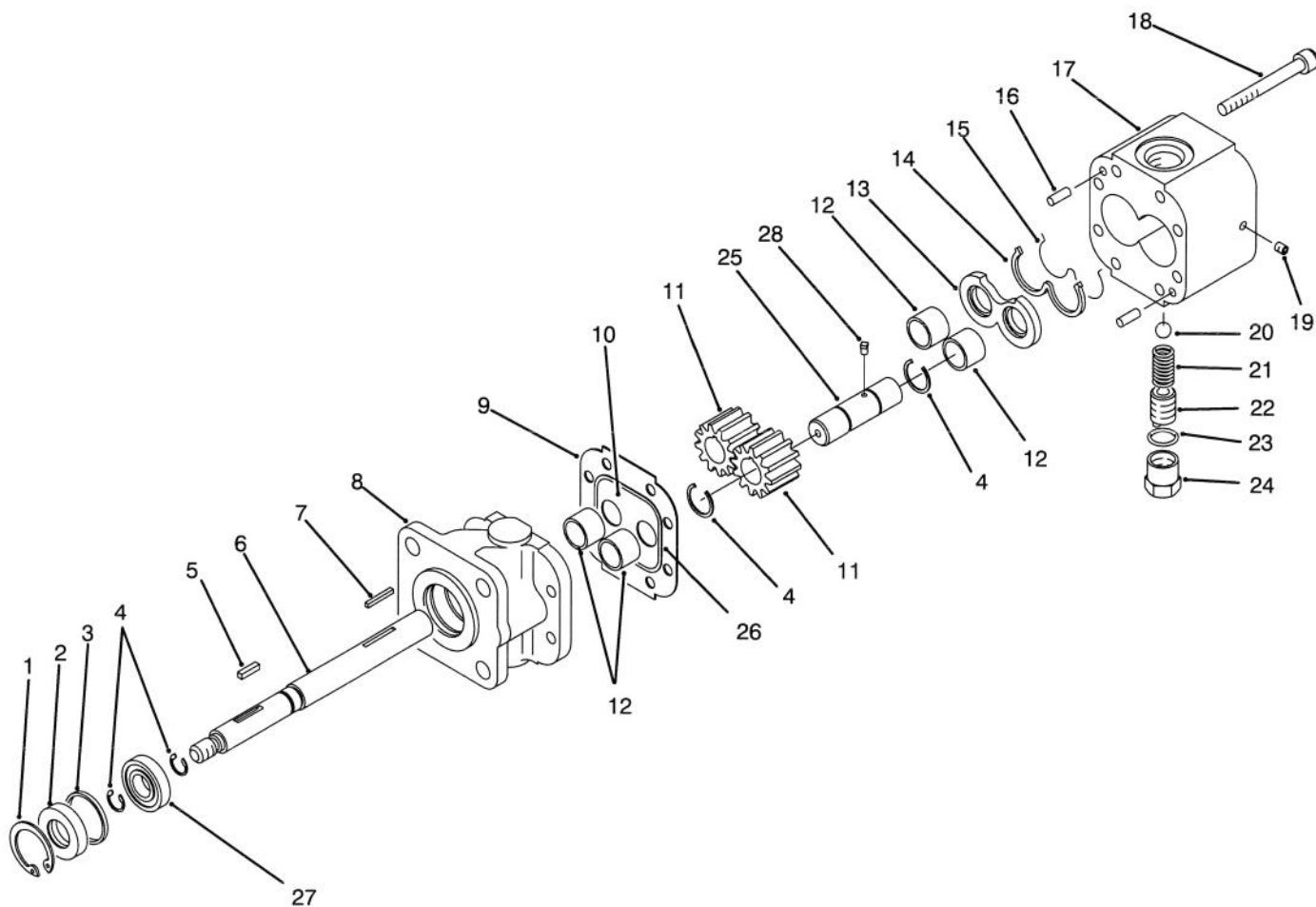


T-1735

ENGINE FRAME & HYDRAULIC PUMP DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412-89	Clamp - R	2
2	87-8170	Fitting - Hydraulic 90° (Incl. Ref. #12)	1
3	2412-34	Clamp - Hose	1
4	87-8030	Hose - Hydraulic	1
5	92-2179	Key - Square	1
6	87-5700	Hydraulic Pump Assembly (Incl. Ref. #5)	1
7	3296-29	Nut - Lock	2
8	237-79	Seal - O-Ring	1
9	340-3	Fitting - Hydraulic Straight (Incl. Ref. #8 & 10)	1
10	237-22	Seal - O-Ring	1
11	87-8020	Hose - Hydraulic	1
12	237-80	Seal - O-Ring	1
13	3255-8	Washer - Lock ETLW	1
14	87-3080	Cable - Battery Negative	1
15	32144-14	Screw - Self Tapping	1
16	322-5	Screw - Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
17	87-7740	Pulley	1
18	3256-45	Washer - Flat	1
19	3296-5	Nut - Lock	1
20	87-5100	Washer - Snubbing	4
21	87-4970	Engine Mount Assembly	2
22	3296-39	Nut - Lock	6
23	3290-413	Washer - Belleville	12
24	76-9100	Spacer	6
25	3234-11	Screw - Cap Hex. Hd.	6
26	87-4730	Guard - Belly	2
27	3296-48	Nut - Lock	2
28	87-8150	Support - Engine	1
29	87-8370	Belt - V	1
30	3230-22	Bolt - Carriage	1
31	87-6400	Frame - Engine	1
32	87-8240	Cable - Parking Brake	2
33	32144-10	Screw - Self Tapping	2
34	3256-25	Washer - Flat	2
35	324-12	Screw - Cap Hex. Hd.	2

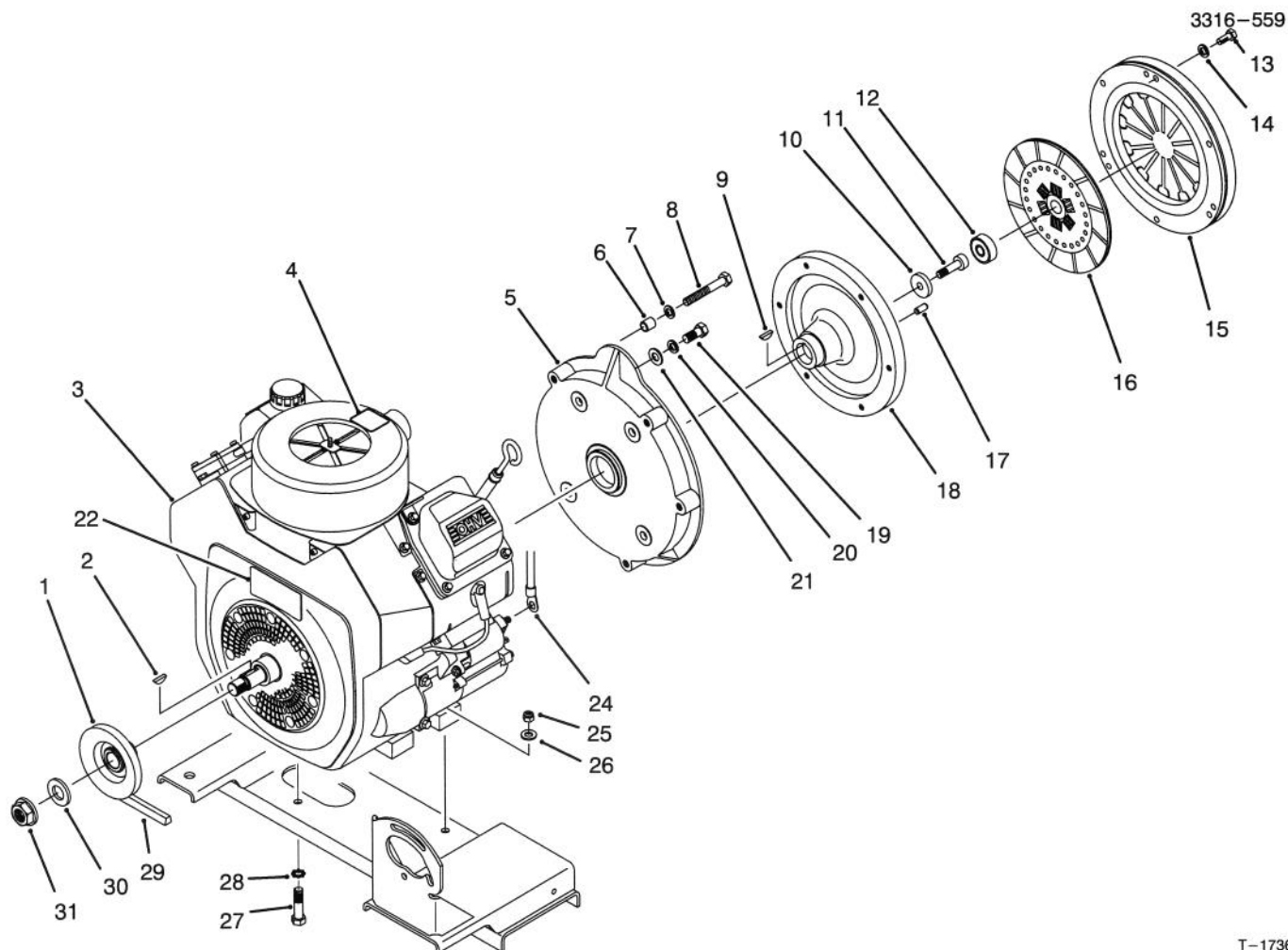


T-1601

HYDRAULIC PUMP ASSEMBLY NO. 87-5700

Ref. No.	Part No.	Description	No. Used
1	32151-41	Ring - Retaining	1
2	92-2195	Seal - Oil	1
3	92-2186	Spacer	1
4	92-2178	Ring - Crescent	4
5	92-2179	Key - Square	1
6	92-2189	Shaft - Drive	1
7	92-2177	Pin - Shear	1
8	92-2188	Stator	1
9	92-2182	Plate - Seal	1
10	92-2183	Plate - Wear	1
11	92-2175	Gear	2
12	92-2192	Bearing	4
13	92-2181	Plate - Pressure	1
14	92-2197	Seal - Back Up	1

Ref. No.	Part No.	Description	No. Used
15	92-2196	Seal - Pressure Plate	1
16	92-2176	Pin - Dowel	2
17	92-2187	Housing - Gear, End	1
18	92-2173	Screw - Cap Socket Head	8
19	92-2185	Plug	1
20	92-2193	Ball	1
21	92-2194	Spring	1
22	92-2174	Screw - Adjusting	1
23	92-2180	Gasket - Copper	1
24	92-2184	Cap - Relief Valve	1
25	92-2190	Shaft - Idler	1
26	92-2198	Seal	1
27	92-2191	Bearing	1
28	92-2199	Key - Ball	1

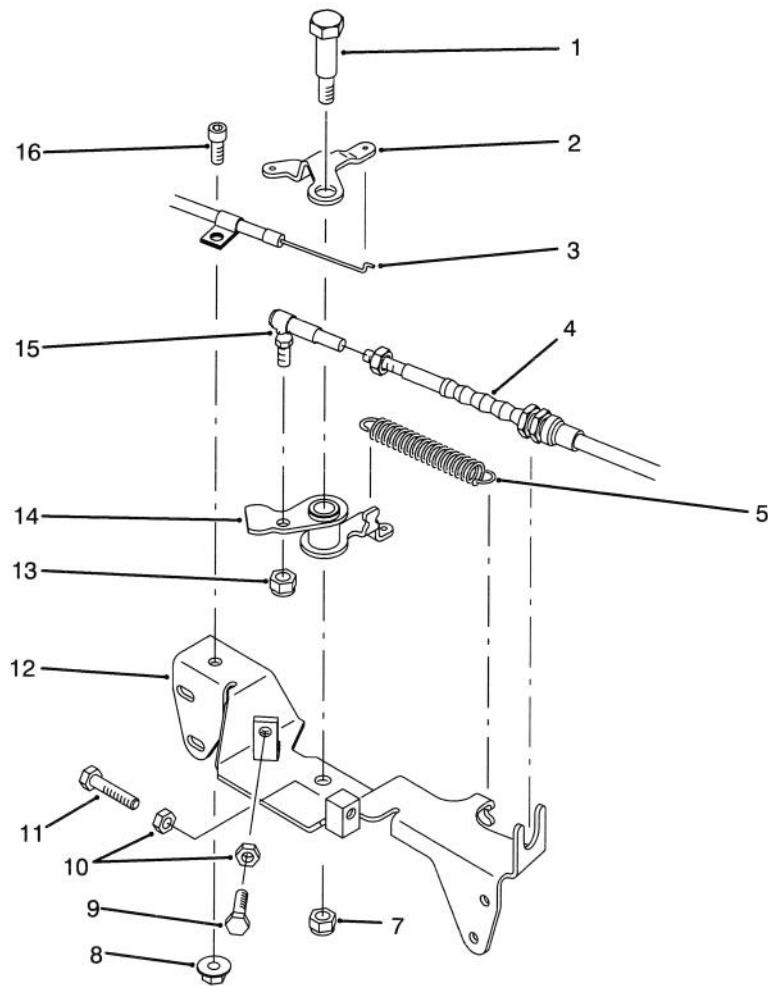


T-1736

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	87-7710	Pulley	1
2	3257-7	Key - Woodruff	1
3	87-7900	Engine Assembly	1
4	87-8770	Decal - Air Cleaner	1
5	87-6390	Adapter - Clutch	1
6	92-2152	Bushing - Dowel	2
7	3253-22	Washer - Lock	4
8	56-2150	Screw - Cap Hex. Hd.	4
9	3257-5	Key - Woodruff	1
10	87-6080	Washer	1
11	3274-1	Screw - Hex. Socket Hd.	1
12	87-6460	Bearing - Pilot	1
13	48-7700	Screw - Cap Hex. Hd.	6
14	3253-4	Washer - Lock	6
15	87-3180	Cover - Clutch	1

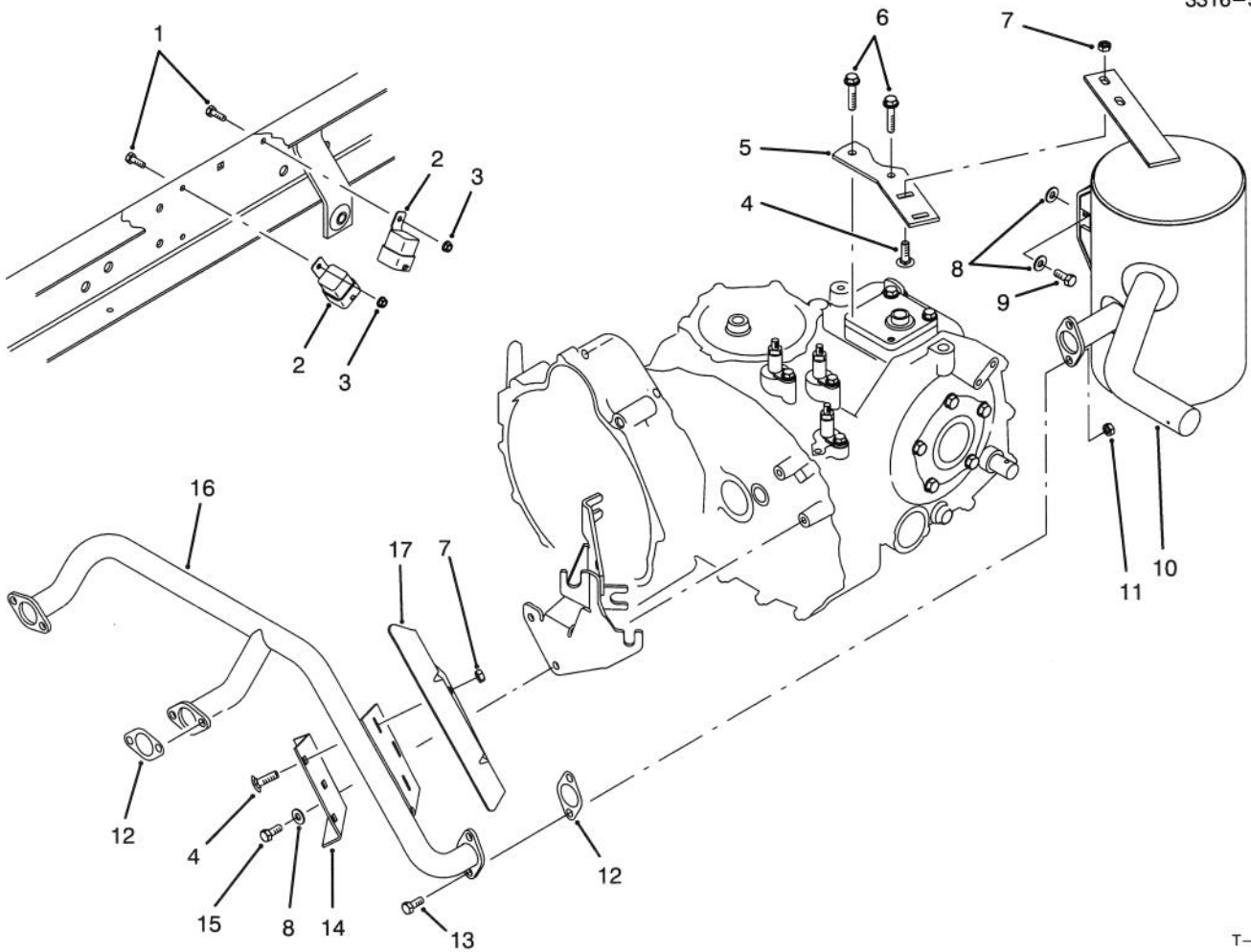
Ref. No.	Part No.	Description	No. Used
16	87-3190	Disk - Clutch	1
17	42-7160	Pin - Dowel	3
18	87-6480	Flywheel	1
19	324-4	Screw - Cap Hex. Hd.	4
20	3253-6	Washer - Lock	4
21	3256-25	Washer - Flat	4
22	80-8040	Decal - Warning	1
24	87-8000	Cable - Battery Positive	1
25	3296-39	Nut - Lock	4
26	3256-24	Washer - Flat	4
27	323-9	Screw - Cap Hex. Hd.	4
28	3255-9	Washer - Lock	1
29	87-8370	Belt - V	1
30	3256-28	Washer - Flat	1
31	3296-15	Nut - Lock	1



T-1802

THROTTLE LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	7-0030	Bolt - Shoulder	1	10	3220-1	Nut - Jam	2
2	87-7790	Lever - Choke	1	11	329-7	Screw - Cap Hex. Hd.	1
3	87-8060	Cable - Choke	1	12	87-7780	Bracket - Throttle	1
4	87-7750	Cable - Accelerator	1	13	3296-3	Nut - Lock	1
5	67-1450	Spring - Extension	1	14	87-7800	Lever - Throttle	1
7	3296-29	Nut - Lock	1	15	18-1720	Joint - Ball	1
8	32128-33	Nut - Flange Lock	1	16	3274-15	Screw - Hex. Socket Hd.	1
9	329-6	Screw - Cap Hex. Hd.	1				

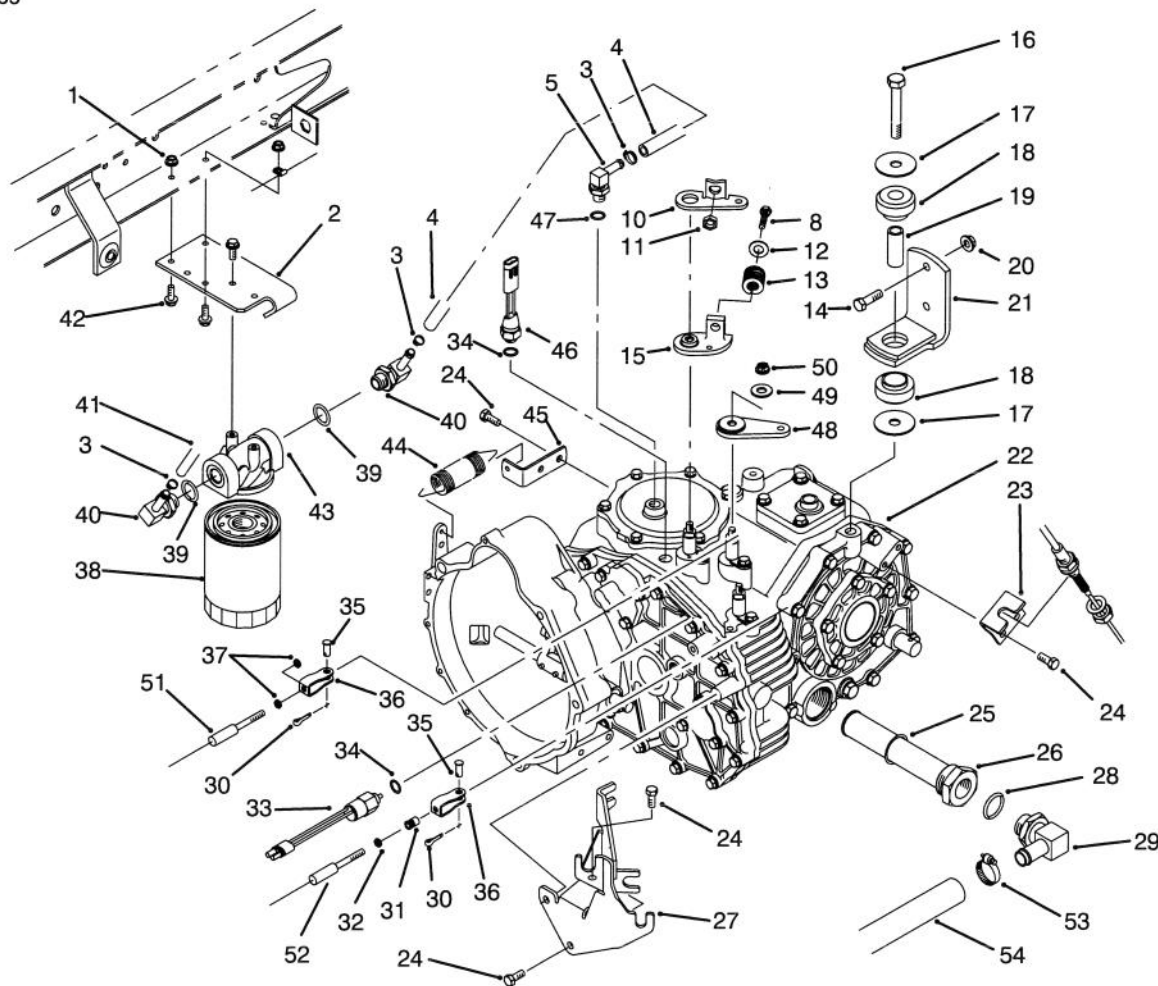


T-1807

MUFFLER & RELAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-4	Screw - Cap Hex. Hd.	2
2	63-7590	Relay	2
3	32128-33	Nut - Flange Lock	2
4	3230-10	Bolt - Carriage	5
5	87-8680	Plate - Muffler Mount	1
6	48-7730	Screw - Cap Hex. Hd.	2
7	32128-20	Nut - Flange Lock	5
8	87-8640	Washer - Flat	4
9	66-3160	Screw - Cap Hex. Hd.	1

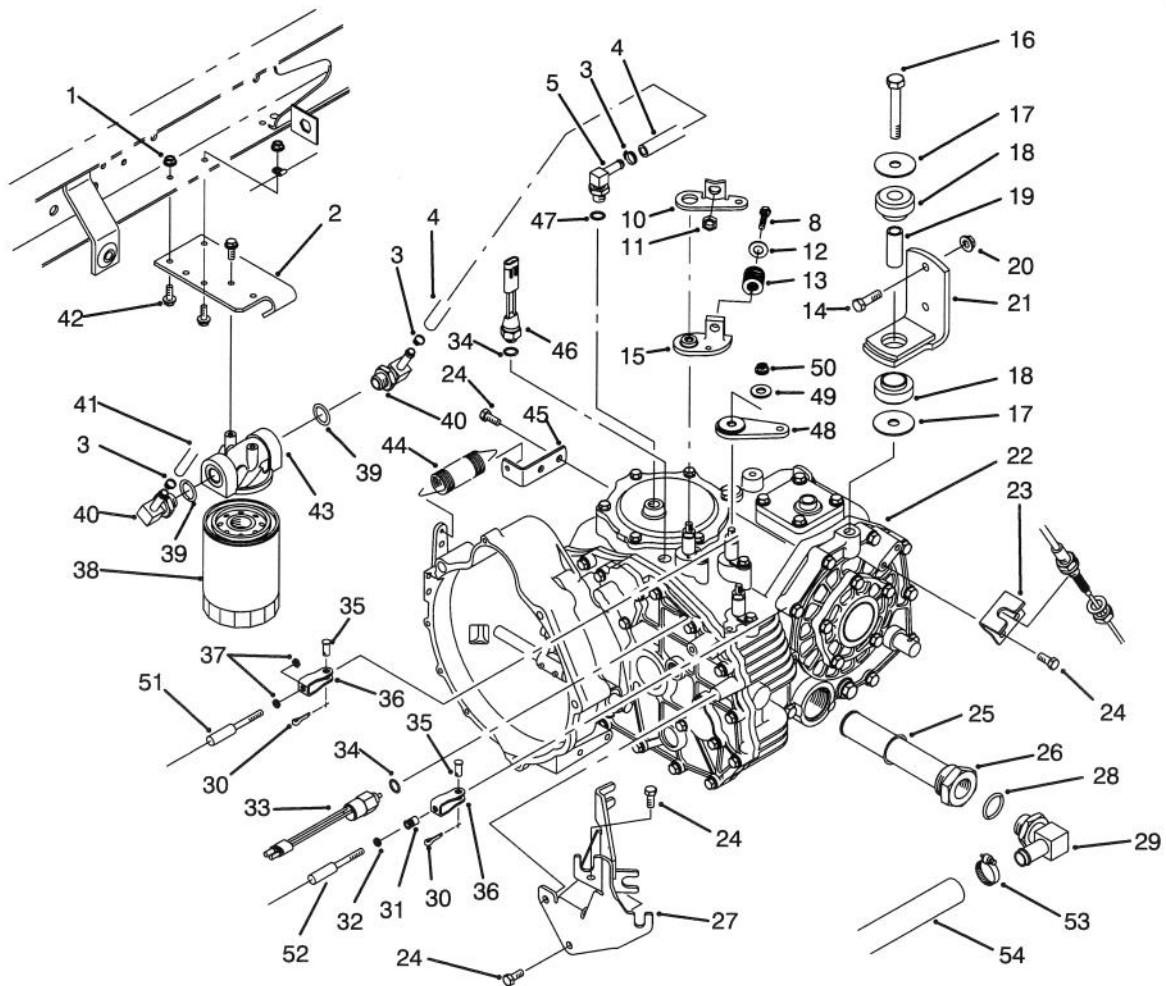
Ref. No.	Part No.	Description	No. Used
10	87-7840	Muffler - Exhaust	1
11	32128-25	Nut - Lock	2
12	87-8650	Gasket - Muffler	3
13	322-4	Screw - Cap Hex. Hd.	2
14	87-7980	Bracket - Muffler	1
15	57-6380	Screw - Cap Hex. Hd.	2
16	87-7850	Manifold - Exhaust	1
17	87-7860	Shield - Heat	1



T-1607

TRANSAXLE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32128-33	Nut - Flange Lock	1	27	87-4820	Bracket - Cable	1
2	87-7040	Bracket - Oil Filter	1	28	237-81	Seal - O-Ring	1
3	2412-36	Clamp - Hose	3	29	353-987	Fitting - Hydraulic 90° (Incl. Ref. #28)	1
4	87-5730	Hose - Hydraulic	1	30	3272-6	Pin - Cotter	3
5	354-135	Fitting - Hydraulic 90° (Incl. Ref. #47)	1	31	32148-15	Nut - Clinch	1
8	323-10	Screw - Cap Hex. Hd.	1	32	3219-14	Nut - Hex.	1
10	87-8250	Plate - Shift Arm	1	33	87-6710	Switch - Supervisor	1
11	32128-21	Nut - Lock	1	34	237-30	O-Ring	2
12	3256-4	Washer - Flat	1	35	283-62	Pin - Clevis	3
13	87-6910	Spring - Compression	1	36	87-2310	Clevis - Cable	3
14	323-7	Screw - Cap Hex. Hd.	4	37	3220-1	Nut - Jam	4
15	87-7970	Arm - Shift	1	38	54-0110	Element - Oil Filter	1
16	3215-1	Screw - Cap Hex. Hd.	2	39	237-79	Seal - O-Ring	2
17	87-5100	Washer	4	40	354-134	Fitting - Hydraulic 90° (Incl. Ref. #39)	2
18	87-4970	Transaxle Mount Assembly (Incl. Ref. #19)	4	41	87-4920	Hose - Hydraulic	1
19		Spacer - Mount	2	42	3234-4	Screw - Hex. Flange Hd.	4
20	3296-39	Nut - Flange Lock	4	43	87-8780	Head - Oil Filter	1
21	87-5800	Bracket - Mount	2	44	68-9950	Spring - Extension	1
22	87-8800	Transaxle Assembly	1	45	87-7170	Bracket - Clutch Spring	1
23	87-4470	Bracket	1	46	72-4310	Switch - Ball N.C.	1
24	66-3160	Screw - Cap Hex. Hd.	5	47	237-42	Seal - O-Ring	1
25	237-123	Seal - O-Ring	1	48	87-7960	Clamp - Shift Arm	2
26	87-3990	Oil Strainer Assembly (Incl. Ref. #25)	1	49	80-6990	Washer - Flat	3
				50	48-9520	Nut - Lock	3

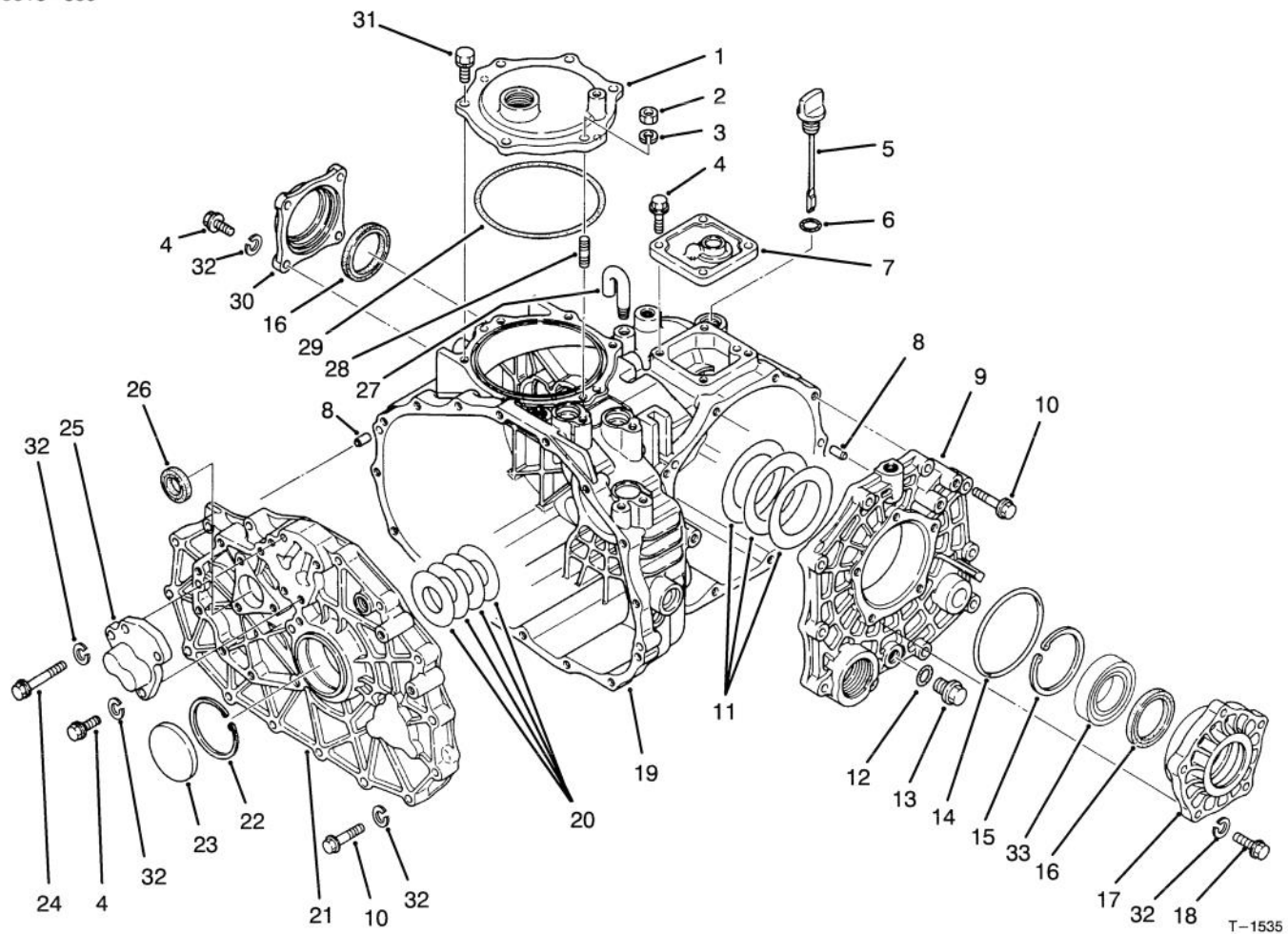


T-1607

TRANSAXLE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
51	87-4260	Shift Cable Assembly (Incl. Ref. #37)	2
52	87-4420	Hi-Lo Cable Assembly	

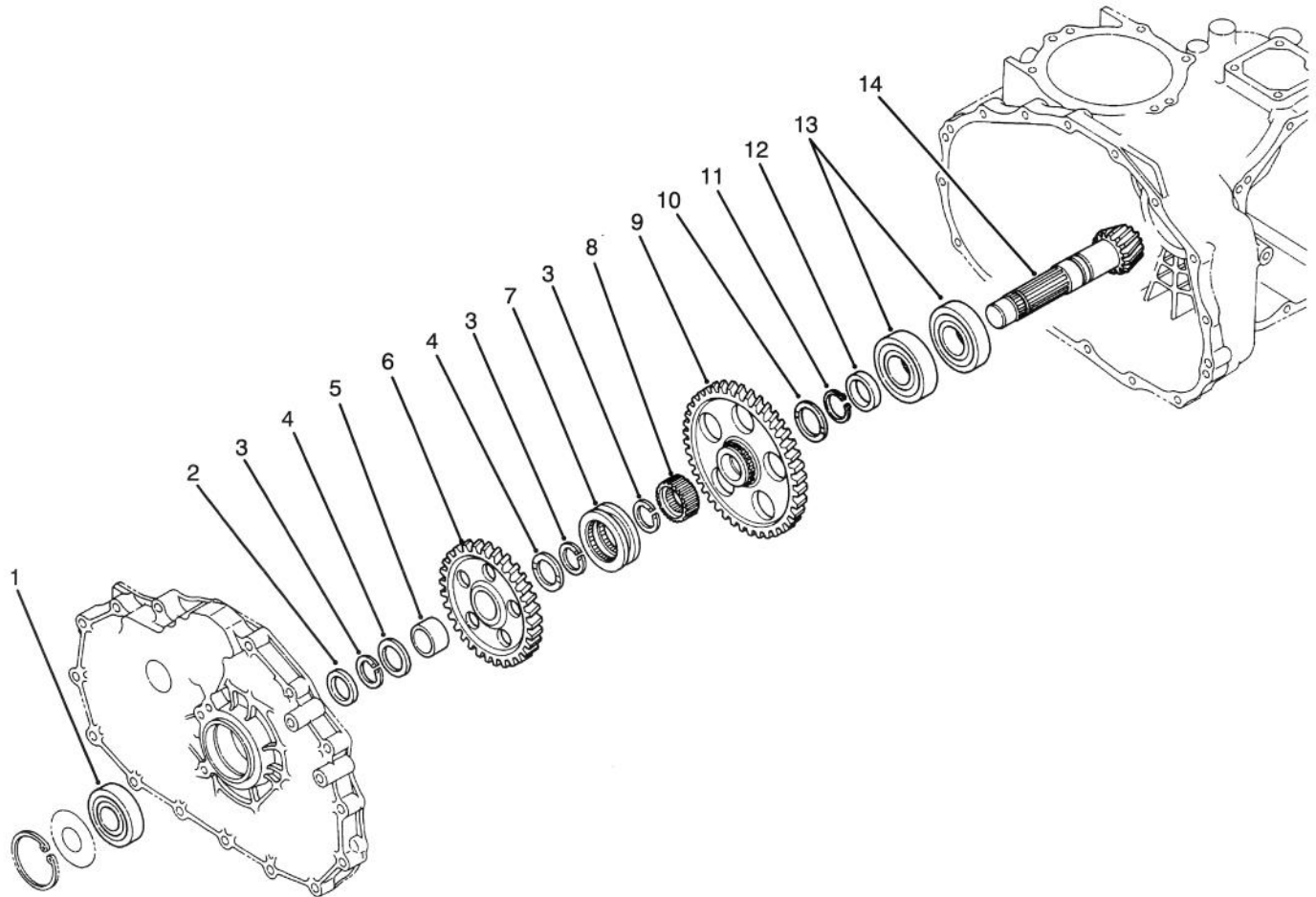
Ref. No.	Part No.	Description	No. Used
53	2412-34	(Incl. Ref. #32) Clamp - Hose	1
54	87-8030	Hose - Hydraulic	1



TRANSAXLE CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-0656	Cover - P.T.O.	1
2	48-7930	Nut - Hex.	1
3	92-0762	Washer - Lock	1
4	60-6750	Screw - Cap Hex. Hd.	9
5	92-0662	Cap - Oil	1
6	92-0788	O-Ring	1
7	92-0652	Cover - Upper	1
8	92-0765	Pin - Alignment	4
9	92-0653	Cover - Side	1
10	42-9530	Screw - Cap Hex. Hd.	25
11	92-0809	Shim Set	1
12		O-Ring	1
13	92-0773	Drain Plug Assembly (Incl. Ref. #12)	1
14	92-0789	O-Ring	1
15	92-0760	Ring - Retaining	1
16	92-0793	Seal - Oil	2

Ref. No.	Part No.	Description	No. Used
17	92-0654	Carrier - Differential	1
18	48-7730	Screw - Cap Hex. Hd.	5
19	92-0651	Case - Transaxle	1
20	92-0808	Shim Set	1
21	92-0657	Plate - Center	1
22	92-0759	Ring - Retaining	1
23	92-0807	Cap - Sealing	1
24	48-7560	Screw - Cap Hex. Hd.	1
25	92-0706	Cap - Fork Shaft	1
26	92-0791	Seal - Oil	1
27	92-0743	Breather - Air	1
28	92-0804	Stud	1
29	92-0790	O-Ring	1
30	92-0655	Cover - Seal	1
31	92-0796	Screw - Cap Hex. Hd.	5
32	42-9850	Washer - Lock	42
33	92-0775	Bearing - Ball	2

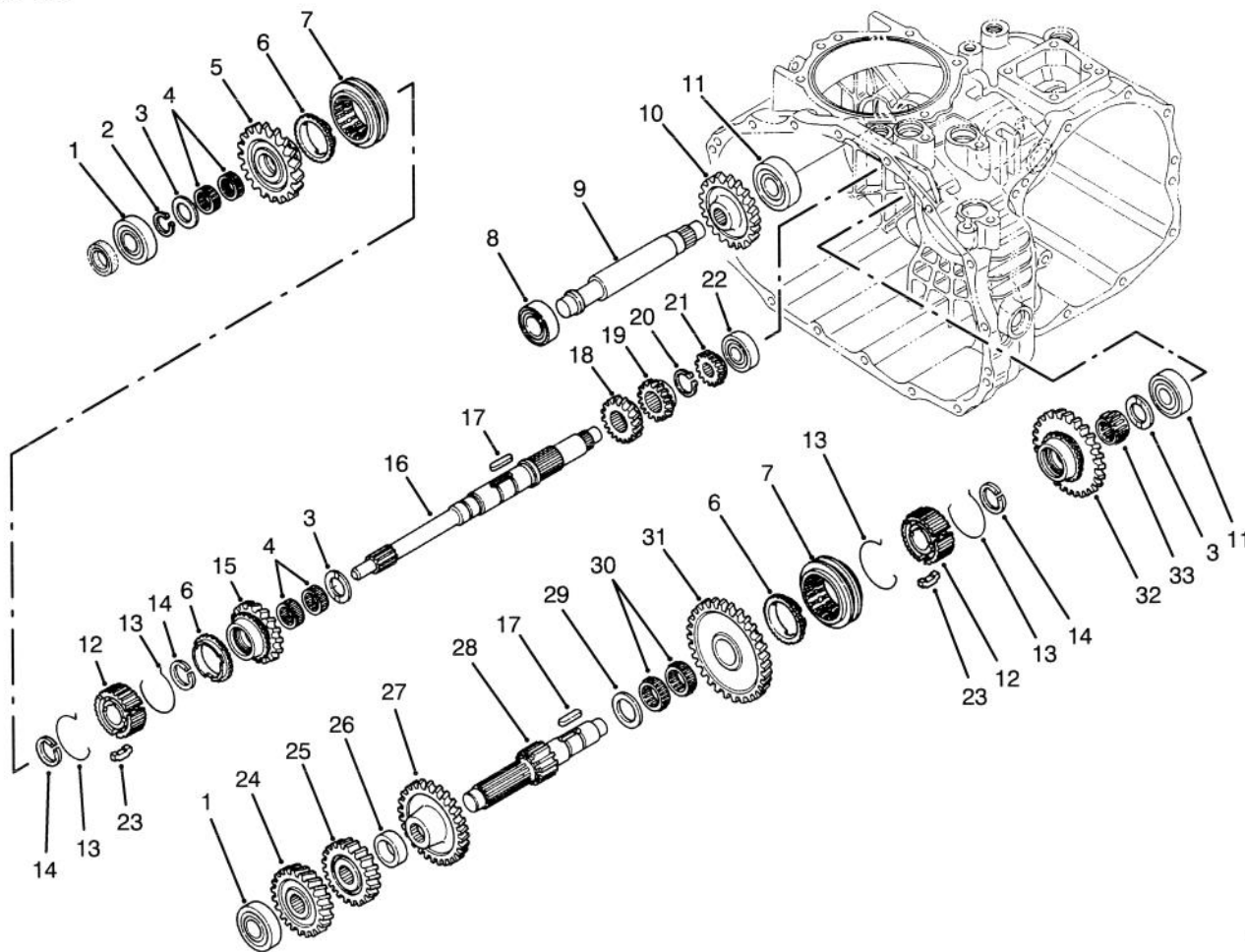


T-1536

COUNTERSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-0712	Bearing – Ball	1
2	92-0716	Collar	1
3	92-0764	Ring – Retaining	3
4	92-0711	Washer – Thrust	2
5	92-0783	Sleeve – Inner	1
6	92-0715	Gear – 49T	1
7	92-0718	Shifter – Hi-Lo	1
8	92-0719	Collar – Spline	1

Ref. No.	Part No.	Description	No. Used
9	92-0717	Gear – 71T	1
10	92-0741	Washer – Thrust	1
11	92-0755	Ring – Retaining	1
12	92-0713	Collar	1
13	92-0714	Bearing – Ball	2
14	92-0710	Counter Shaft Assembly (Incl. Ring Gear)	1

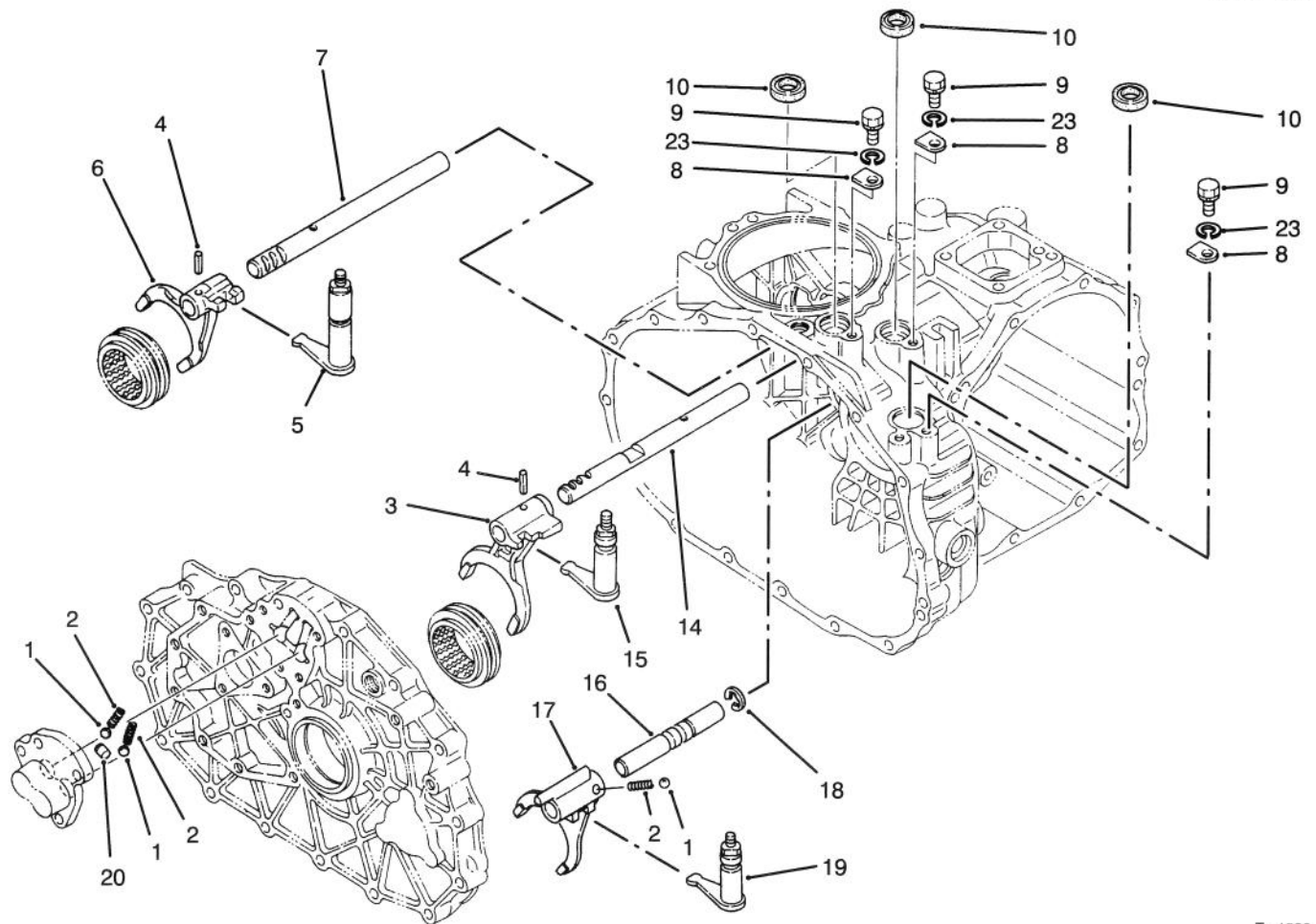


T-1533

TRANSAXLE GEAR SHAFTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	251-8	Bearing - Ball	2
2	92-0753	Ring - Retaining	1
3	92-0740	Washer - Thrust	3
4	92-0781	Bearing - Needle	4
5	92-0670	Gear - 29T	1
6	92-0667	Ring - Synchro	3
7	92-0668	Shifter - Synchro	2
8	251-346	Bearing - Ball	1
9	92-0683	Shaft - Reverse Idler	1
10	92-0684	Gear - 33T	1
11	92-0778	Bearing - Ball	2
12	92-0664	Hub - Synchro	2
13	92-0666	Spring - Synchro	4
14	92-0763	Ring - Retaining	3
15	92-0671	Gear - 22T	1
16	92-0663	Shaft - Main	1
17	92-0772	Key	2

Ref. No.	Part No.	Description	No. Used
18	92-0687	Gear - 16T	1
19	92-0672	Gear - 18T	1
20	92-0754	Ring - Retaining	1
21	92-0673	Gear - 14T	1
22	92-0650	Bearing - Ball	1
23	92-0665	Key - Synchro	6
24	92-0675	Gear - 25T	1
25	92-0679	Gear - 23T	1
26	92-0680	Collar	1
27	92-0676	Gear - 32T	1
28	92-0674	Shaft - Reduction	1
29	92-0682	Washer - Thrust	1
30	92-0681	Bearing - Needle	2
31	92-0677	Gear - 49T	1
32	92-0819	Gear - 40T	1
33	92-0782	Bearing - Needle	1

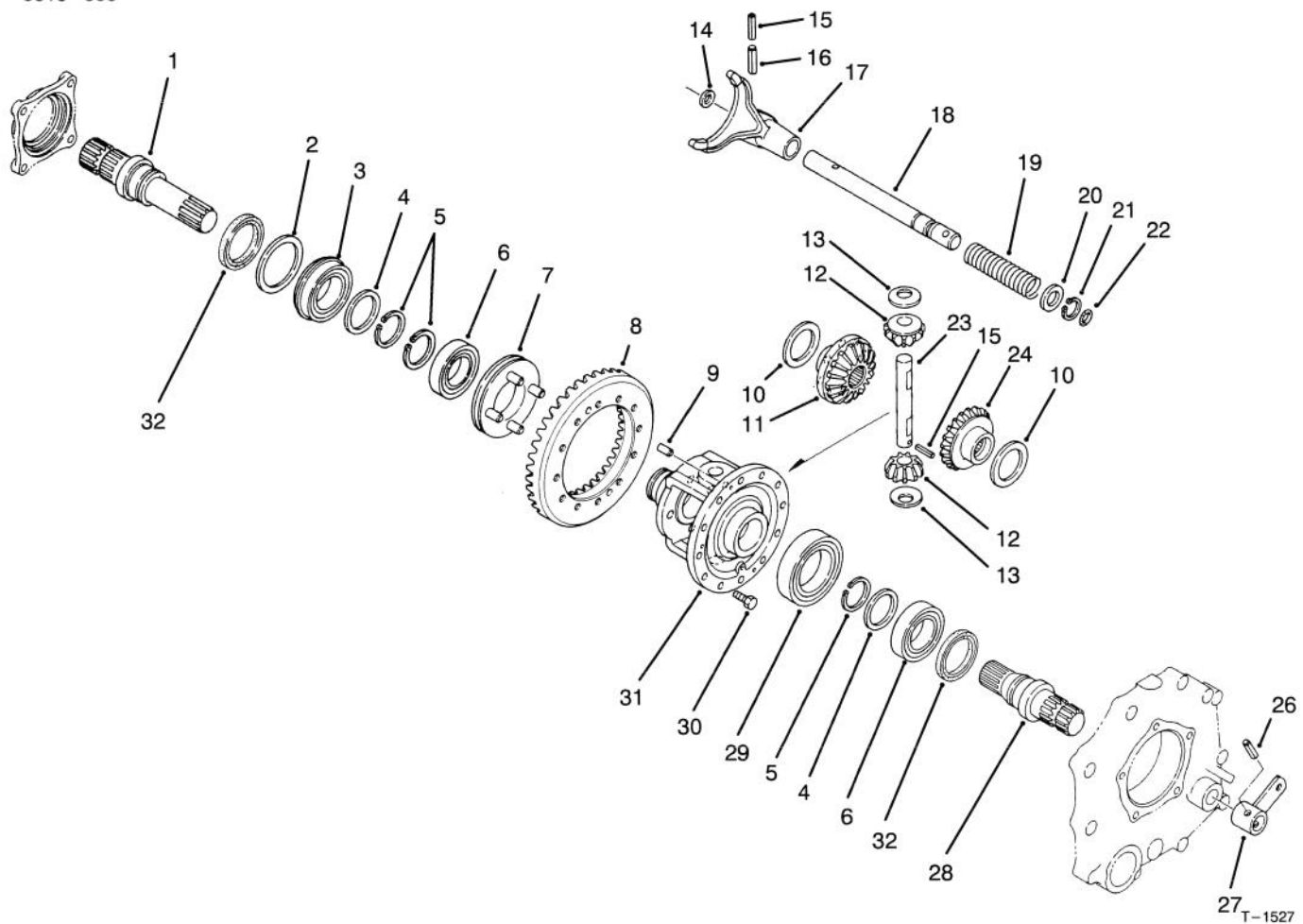


T-1530

SHIFT FORK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-0785	Ball	3
2	92-0731	Spring - Compression	3
3	92-0700	Fork - Shift R-1	1
4	92-0769	Pin - Spring	2
5	92-0817	Arm - Shift Fork 2-3	1
6	92-0701	Fork - Shift 2-3	1
7	92-0699	Shaft - Fork 2-3	1
8	92-0732	Plate - Keeper	3
9	48-7700	Screw - Cap Hex. Hd.	3

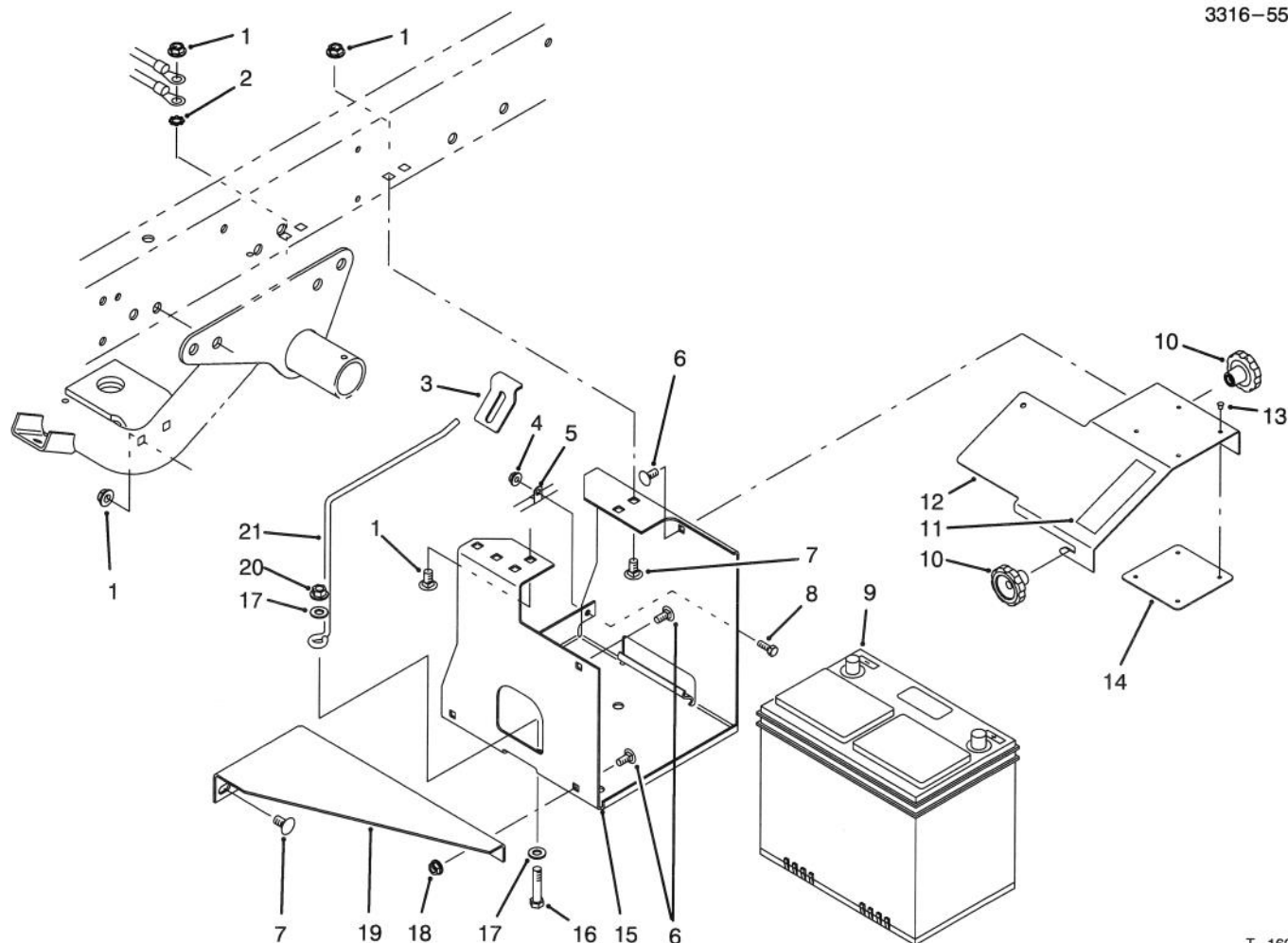
Ref. No.	Part No.	Description	No. Used
10	92-0729	Seal - Oil	3
14	92-0698	Shaft - Fork R-1	1
15	92-0816	Arm - Shift Fork R-1	1
16	92-0708	Shaft - Fork Hi-Lo	1
17	92-0709	Fork - Shift Hi-Lo	1
18	92-0761	Ring - Retaining	1
19	92-0818	Arm - Shift Fork Hi-Lo	1
20	92-0705	Lock - Spindle	1
23	42-9850	Washer - Lock	3



DIFFERENTIAL GEAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-0726	Shaft - Axle R.H.	1
2	92-0728	Washer	1
3	92-0780	Bearing - Ball	1
4	92-0727	Washer	2
5	92-0756	Ring - Retaining	3
6	92-0775	Bearing - Ball	2
7	92-0730	Slider - Differential Lock	1
8	92-0710	Ring Gear Assembly (Incl. Counter Shaft)	1
9	92-0765	Pin - Alignment	2
10	92-0747	Washer - Thrust	2
11	92-0746	Gear - Side R.H.	1
12	92-0748	Gear - Pinion	2
13	92-0750	Washer	2
14	92-0744	Washer	1
15	92-0768	Pin - Spring	2

Ref. No.	Part No.	Description	No. Used
16	92-0771	Pin - Spring	1
17	92-0721	Fork - Differential Lock	1
18	92-0722	Shaft - Lock Fork	1
19	92-0723	Spring - Compression	1
20	92-0733	Washer	1
21	92-0753	Ring - Retaining	1
22	92-0787	O-Ring	1
23	92-0749	Shaft - Pinion	1
24	92-0745	Gear - Side L.H.	1
26	92-0770	Pin - Spring	1
27	92-0724	Arm - Differential Lock	1
28	92-0725	Shaft - Axle L.H.	1
29	92-0776	Bearing - Ball	1
30	92-0803	Screw - Hex. Flange Hd.	12
31	92-0720	Case - Differential	1
32	92-0793	Seal - Oil	2

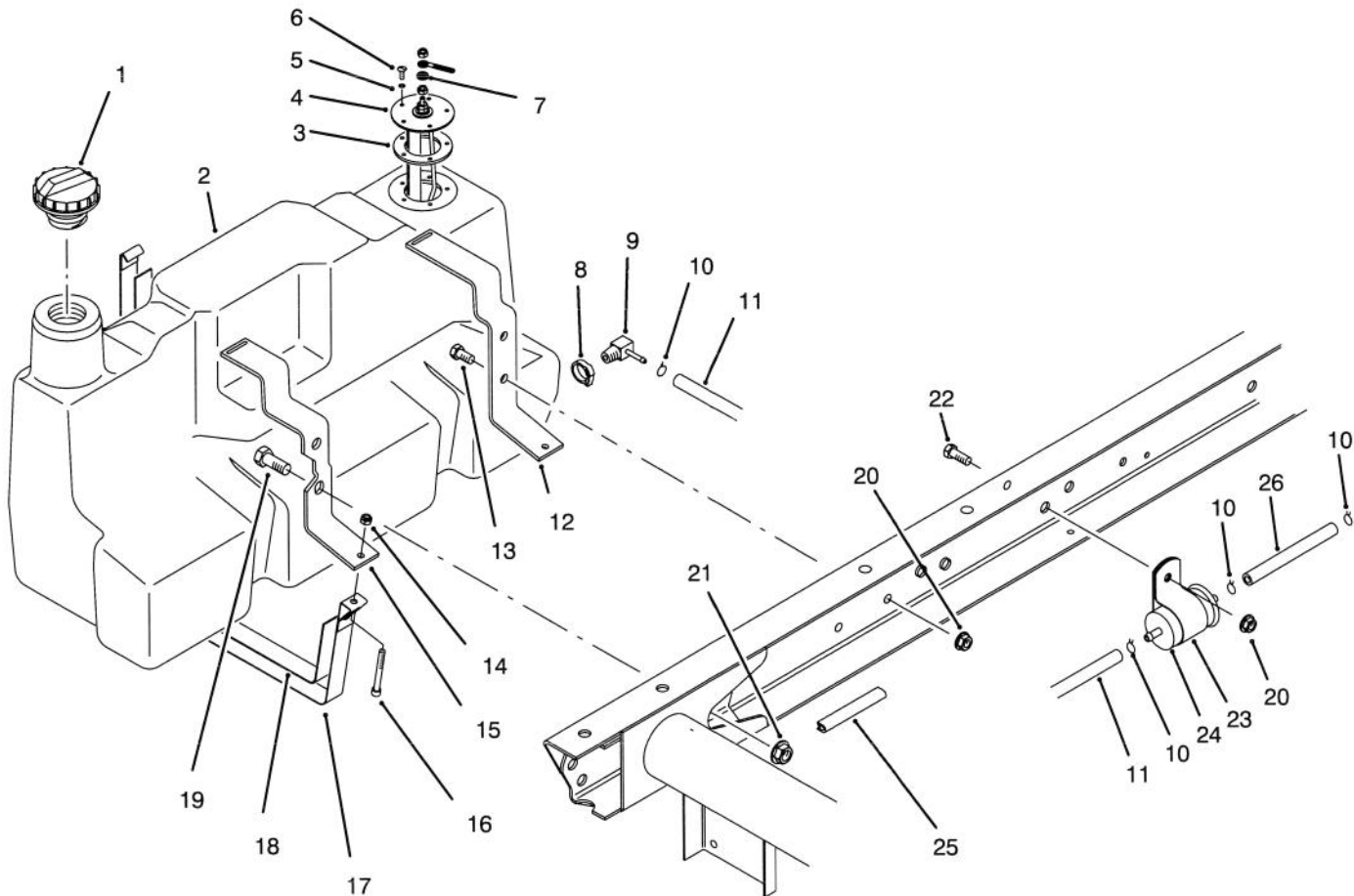


T-1608

BATTERY MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290-357	Nut - Flange Lock	6
2	3255-9	Washer - Lock ETLW	1
3	87-7610	Tab - Battery Support	1
4	32128-33	Nut - Flange Lock	1
5	2412-89	Clamp - R	1
6	3230-23	Bolt - Carriage	4
7	3231-21	Bolt - Carriage	6
8	321-4	Screw - Cap Hex. Hd.	1
9	55-7290	Battery	1
10	19-4050	Knob	2
11	36-3400	Decal - No Step	1

Ref. No.	Part No.	Description	No. Used
12	87-5130	Cover - Battery Base	1
13	3269-27	Rivet - Plastic	4
14	87-7620	Shield - Plastic	1
15	87-5120	Bracket - Battery Base	1
16	323-9	Screw - Cap Hex. Hd.	1
17	3256-24	Washer - Flat	2
18	32128-20	Nut - Flange Lock	2
19	87-5110	Support - Lower	1
20	3296-39	Nut - Flange Lock	1
21	87-7600	Rod - Battery Support	1

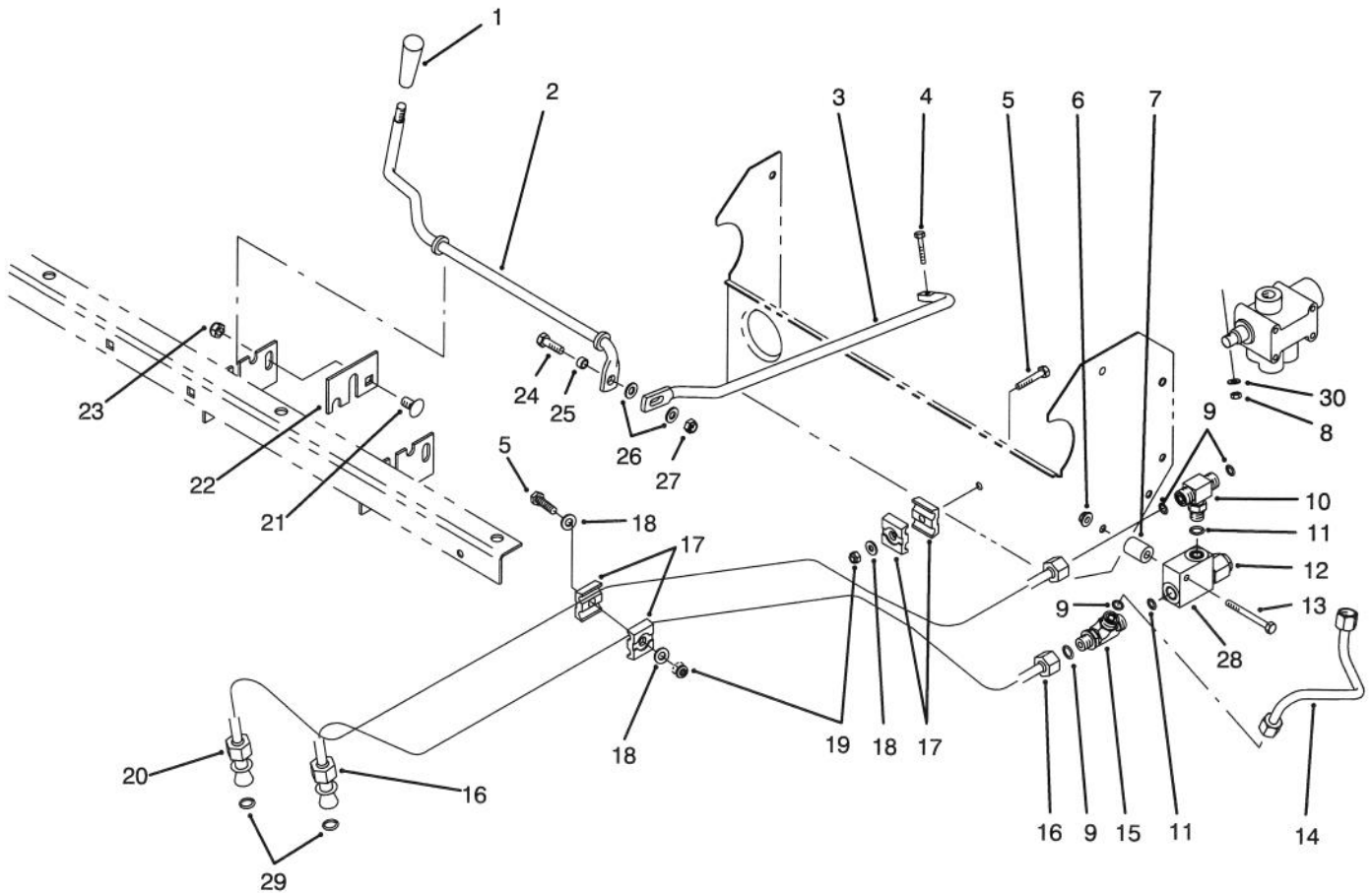


T-1737

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-8631	Cap - Fuel	1
2	87-8350	Fuel Tank Assembly (Incl. Ref. #8 & 9)	1
3	62-7650	Gasket - Sending Unit	1
4	63-7640	Unit - Sending	1
5	3253-15	Washer - Lock	5
6	32122-24	Screw - Round Hd.	5
7	5-3637	Washer - Flat	1
8	2412-36	Clamp	1
9	76-4430	Fitting - Fuel 90°	1
10	2412-108	Clamp - Hose	4
11	63-9640	Hose - Fuel	1
12	87-3140	Support - Rear	1
13	323-4	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
14	3296-42	Nut - Lock	2
15	87-3150	Support - Front	1
16	3274-54	Screw - Hex. Socket Hd.	2
17	87-3160	Strap - Tank Support	2
18	87-3170	Pad - Tank Support Strap	2
19	3234-38	Screw - Cap Hex. Hd.	2
20	3290-357	Nut - Flange	3
21	32128-23	Nut - Flange	2
22	323-6	Screw - Cap Hex. Hd.	1
23	2412-96	Clamp - R	1
24	18-1520	Filter - Fuel	1
25	43-4300	Trim	1
26	63-7622	Hose - Fuel	1



T-1610

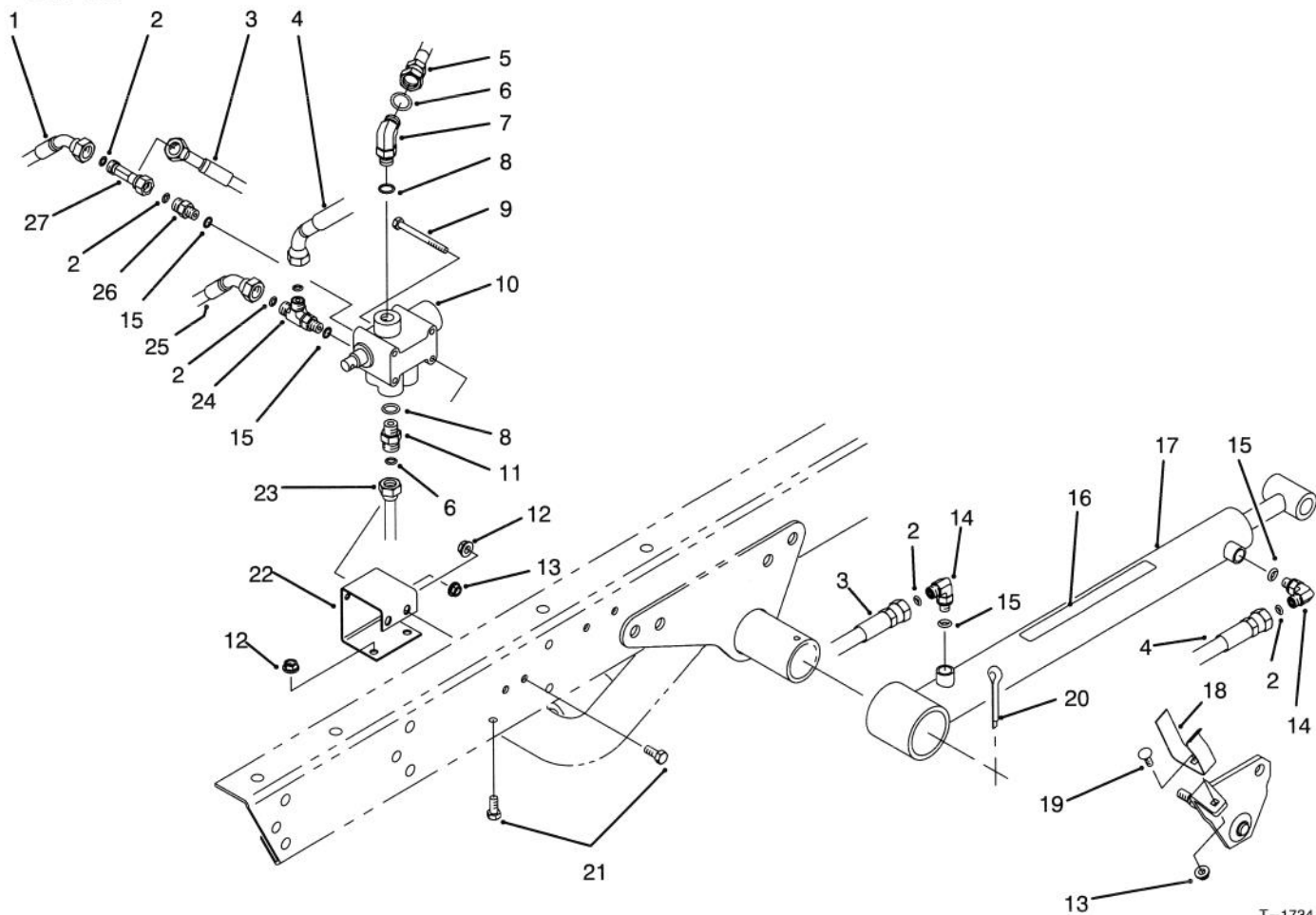
LIFT VALVE LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-39	Knob	1
2	87-4500	Rod - Pivot	1
3	87-4510	Rod - Connecting	1
4	87-5150	Screw - Cap Hex. Hd.	1
5	321-9	Screw - Cap Hex. Hd.	2
6	32128-33	Nut - Flange Lock	1
7	75-9610	Spacer	1
8	87-5140	Nut - Lock	1
9	237-22	Seal - O-Ring	4
10	340-94	Fitting - Hydraulic Tee (Incl. Ref. #9 & 11)	1
11	237-42	Seal - O-Ring	2
12	92-2160	Cartridge - Relief Valve	1
13	321-15	Screw - Cap Hex. Hd.	1
14	87-4560	Tube - Hydraulic	1
15	340-86	Fitting - Hydraulic Tee (Incl. Ref. #9 & 11)	1
16	87-4550	Hydraulic Tube Assembly (Incl. Ref. #29)	1

Ref. No.	Part No.	Description	No. Used
17	56-7973	Clamp - Hydraulic Tube	4
18	3256-22	Washer - Flat	3
19	3296-42	Nut - Lock	2
20	87-4540	Hydraulic Tube Assembly (Incl. Ref. #29)	1
21	3231-21	Bolt - Carriage	2
22	87-4490	Bracket - Hold-Down	2
23	3296-39	Nut - Lock	2
24	322-5	Screw - Cap Hex. Hd.	1
25	87-5080	Spacer - Connecting	1
26	3256-23	Washer - Flat	2
27	3296-29	Nut - Lock	1
28	92-2161	Body - Relief Valve	1
29	39-7310	Seal - O-Ring	2
30	3256-14	Washer - Flat	1
*	87-3680	Relief Valve Assembly (Incl. Ref. #12 & 28)	1

*Not Illustrated

3316-559

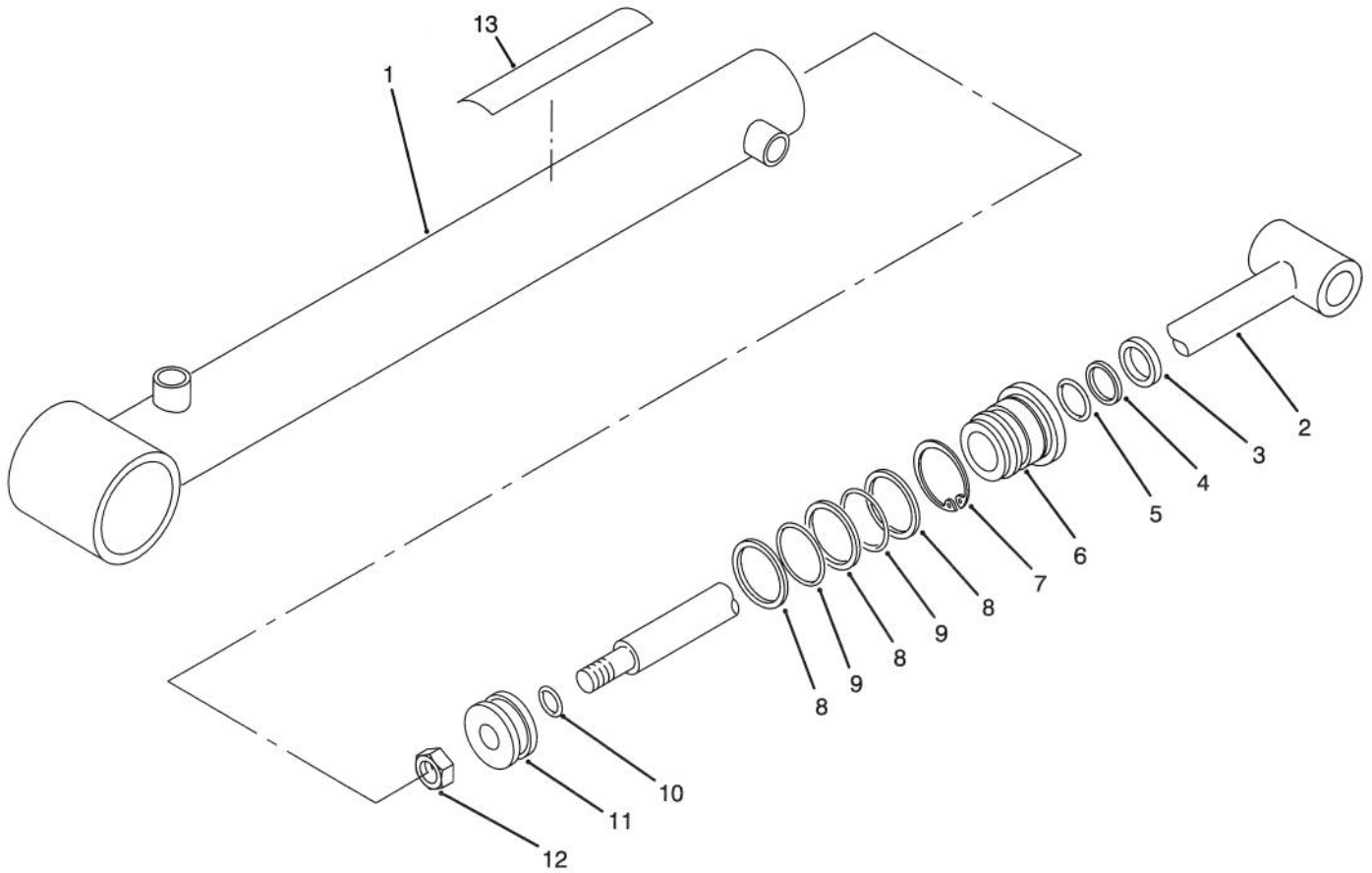


T-1734

LIFT VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	87-4900	Hose - Hydraulic	1
2	237-21	Seal - O-Ring	6
3	87-4880	Hose - Hydraulic	1
4	92-2697	Hose - Hydraulic	1
5	87-8020	Hose - Hydraulic	1
6	237-22	Seal - O-Ring	2
7	340-77	Fitting - Hydraulic 90° (Incl. Ref. #6 & 8)	1
8	237-42	Seal - O-Ring	2
9	321-14	Screw - Cap Hex. Hd.	2
10	43-1950	Valve	1
11	340-2	Fitting - Straight	1
12	32128-20	Nut - Flange Head	4
13	32128-33	Nut - Flange Head	4
14	340-132	Fitting - Hydraulic 90° (Incl. Ref. #2 & 15)	4
15	237-78	Seal - O-Ring	4

Ref. No.	Part No.	Description	No. Used
16	87-7930	Decal - Warning	2
17	87-7990	Hydraulic Cylinder Assy. (Incl. Ref. #16)	2
18	87-3720	Retainer - Cylinder	2
19	3229-25	Screw - Carriage	2
20	3272-37	Pin - Cotter	2
21	322-3	Screw - Cap Hex. Hd.	4
22	87-4520	Bracket - Dump Valve	1
23	87-4560	Hose - Hydraulic	1
24	340-140	Fitting - Hydraulic Tee (Incl. Ref. #2 & 15)	1
25	87-4910	Hose - Hydraulic	1
26	340-92	Fitting - Hydraulic Straight (Incl. Ref. #2 & 15)	1
27	340-151	Fitting - Hydraulic Tee (Incl. Ref. #2)	1



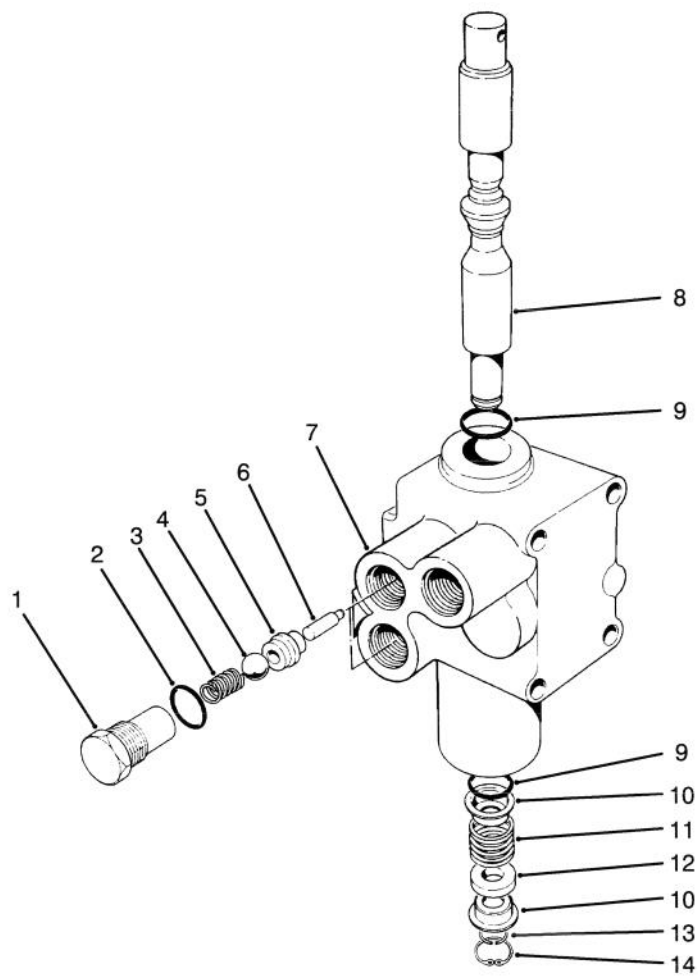
T-1612

LIFT CYLINDER 87-7990

Ref. No.	Part No.	Description	No. Used
1		Barrel Assembly	1
2	92-2163	Shaft	1
3		Seal - Dust	1
4		Backup	1
5		Seal - O-Ring	1
6	92-2162	Head	1
7	84-1680	Ring - Retaining	1
8		Backup	3

Ref. No.	Part No.	Description	No. Used
9		Seal - O-Ring	2
10		Seal - O-Ring	1
11	43-5150	Piston	1
12	32152-10	Nut	1
13	87-7930	Decal - Warning	1
*	92-2165	Kit - Repair (Incl. Ref. #3-5 & 8-10)	1

*Not Illustrated

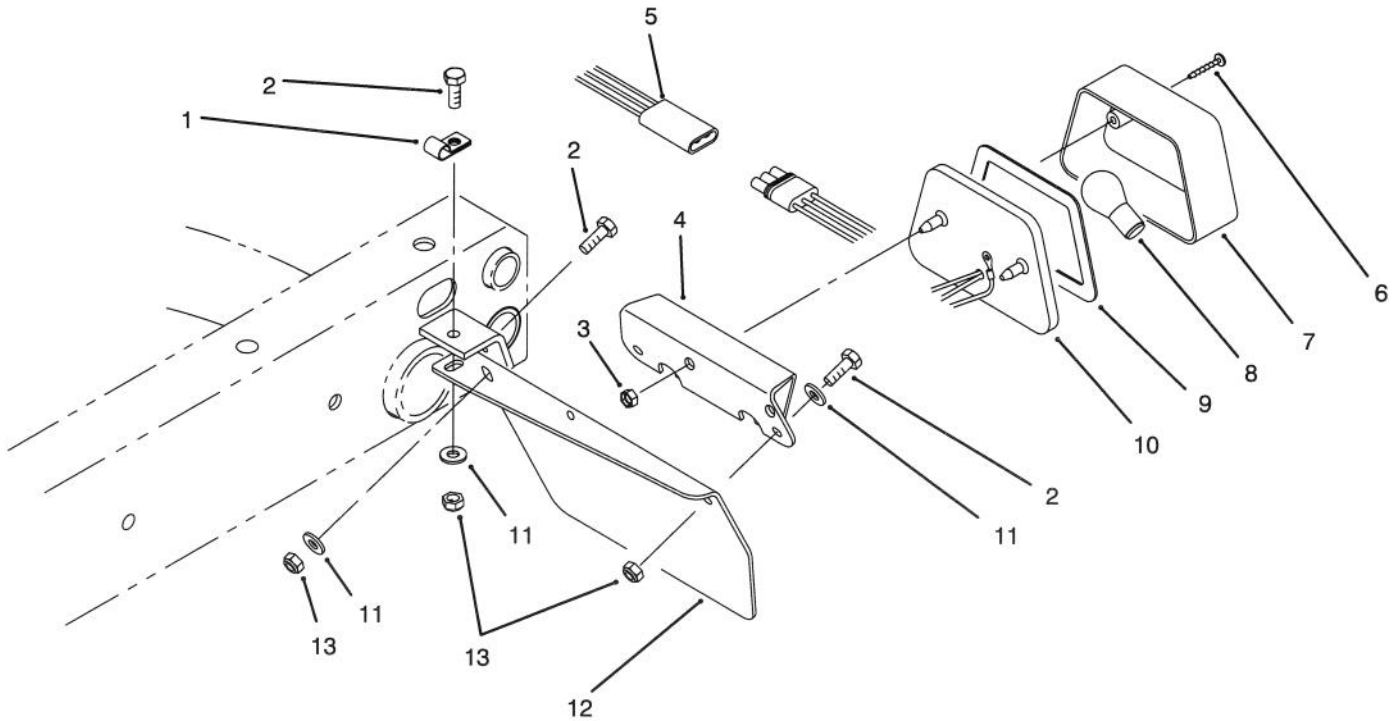


T-0280

CONTROL VALVE ASSEMBLY NO. 43-1950

Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2
2	237-42	O-Ring	2
3	22-8340	Spring	2
4	22-8350	Ball	2
5	22-8370	Seat-Check Valve	2
6	22-8360	Pin - Cam	2
7		Body	1

Ref. No.	Part No.	Description	No. Used
8	22-8420	Spool	1
9	22-8500	O-Ring	2
10	22-8380	Retainer - Spring	2
11	22-8410	Spring	1
12	23-3030	Spacer	1
13	22-8480	Ring - Retaining, Spool	1
14	22-8490	Ring - Retaining	1

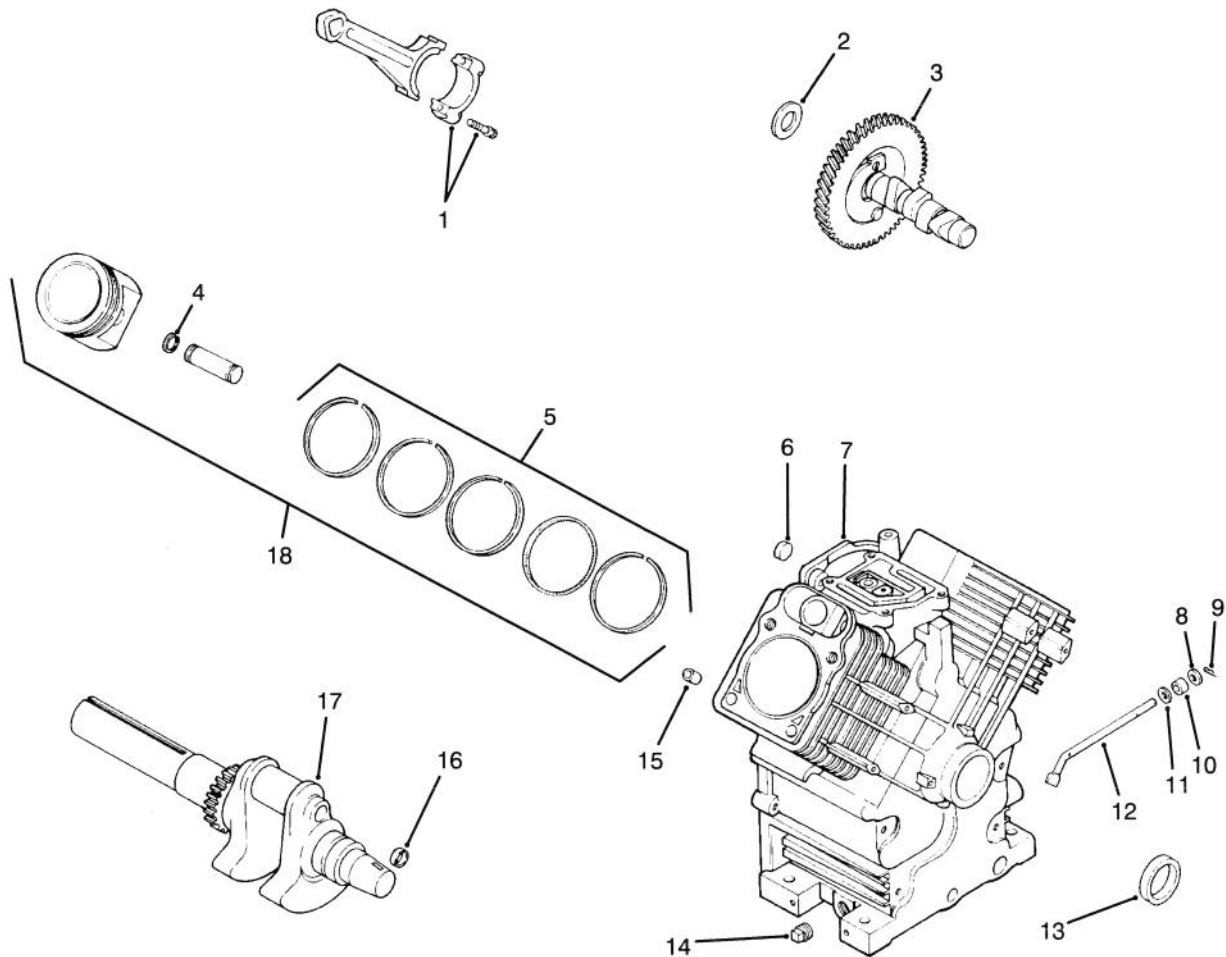


T-1805

TAIL LIGHT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-89	Clamp - R	1	8		Bulb (#1157 Std. 12 Volt)	1
2	321-6	Screw - Cap Hex. Hd.	4	9	87-6310	Gasket	1
3	3290-506	Palnut	2	10	87-2110	Tail Light Assembly (Incl. Ref. #6-9)	1
4	87-5770	U-Bracket - Tail Light	1	11	3256-22	Washer - Flat	4
5	87-8010	Harness - Wire Rear	1	12	87-5750	Plate - Tail Light LH	1
6	32144-93	Screw - Self Tapping	2	13	3296-42	Nut - Lock	4
7	87-6300	Lens	1				

*Not Illustrated



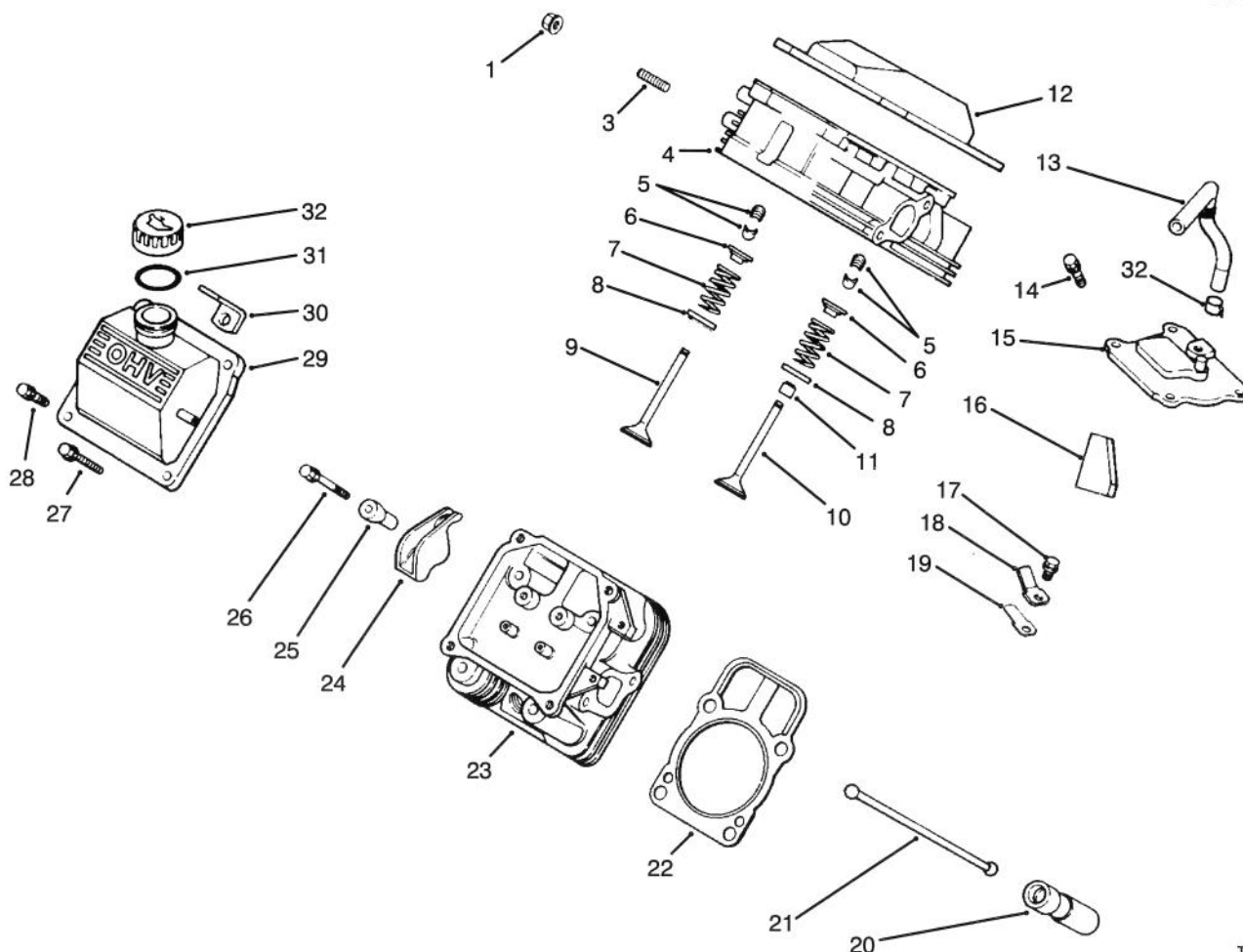
T-1819

ENGINE KOHLER MODEL CH22S SPEC. NO. 66513

Ref. No.	Part No.	Description	No. Used
1	24 067 01	Rod - Connecting (Std.)	2
*	24 067 02	Rod - Connecting (.25)	2
2	12 422 09	Shim - Camshaft	A/R
*	12 422 13	Shim - Camshaft	A/R
*	12 422 07	Shim - Camshaft	A/R
*	12 422 08	Shim - Camshaft	A/R
*	12 422 10	Shim - Camshaft	A/R
*	12 422 11	Shim - Camshaft	A/R
*	12 422 12	Shim - Camshaft	A/R
3	24 012 05	Camshaft	1
4	24 018 01	Retainer - Piston Pin	4
5	24 108 01	Piston Ring Set (Std.)	2
*	24 108 02	Piston Ring Set (.25)	2
*	24 108 03	Piston Ring Set (.50)	2
6	52 139 09	Plug - Cup	1
7	24 522 01	Short Block Assembly	1
8	X-25-102	Washer - Plain	1

Ref. No.	Part No.	Description	No. Used
9	12 380 04	Pin - Hitch	1
10	12 032 01	Seal - Governor Shaft	1
11	X-25-63	Washer - Plain	1
12	24 144 01	Shaft - Governor Cross	1
13	24 032 01	Seal - Oil	1
14	X-27-10	Plug - Square Hd.	2
15	12 380 03	Pin - Dowel	6
16	52 139 09	Plug - Cup	1
17	24 014 26	Crankshaft	1
18	24 874 01	Piston & Ring Set (Std.) (Incl. Ref. #4 & 5)	2
*	24 874 02	Piston & Ring Set (.25) (Incl. Ref. #4 & 5)	2
*	24 874 03	Piston & Ring Set (.50) (Incl. Ref. #4 & 5)	2
*	24 755 03	Gasket Set	1

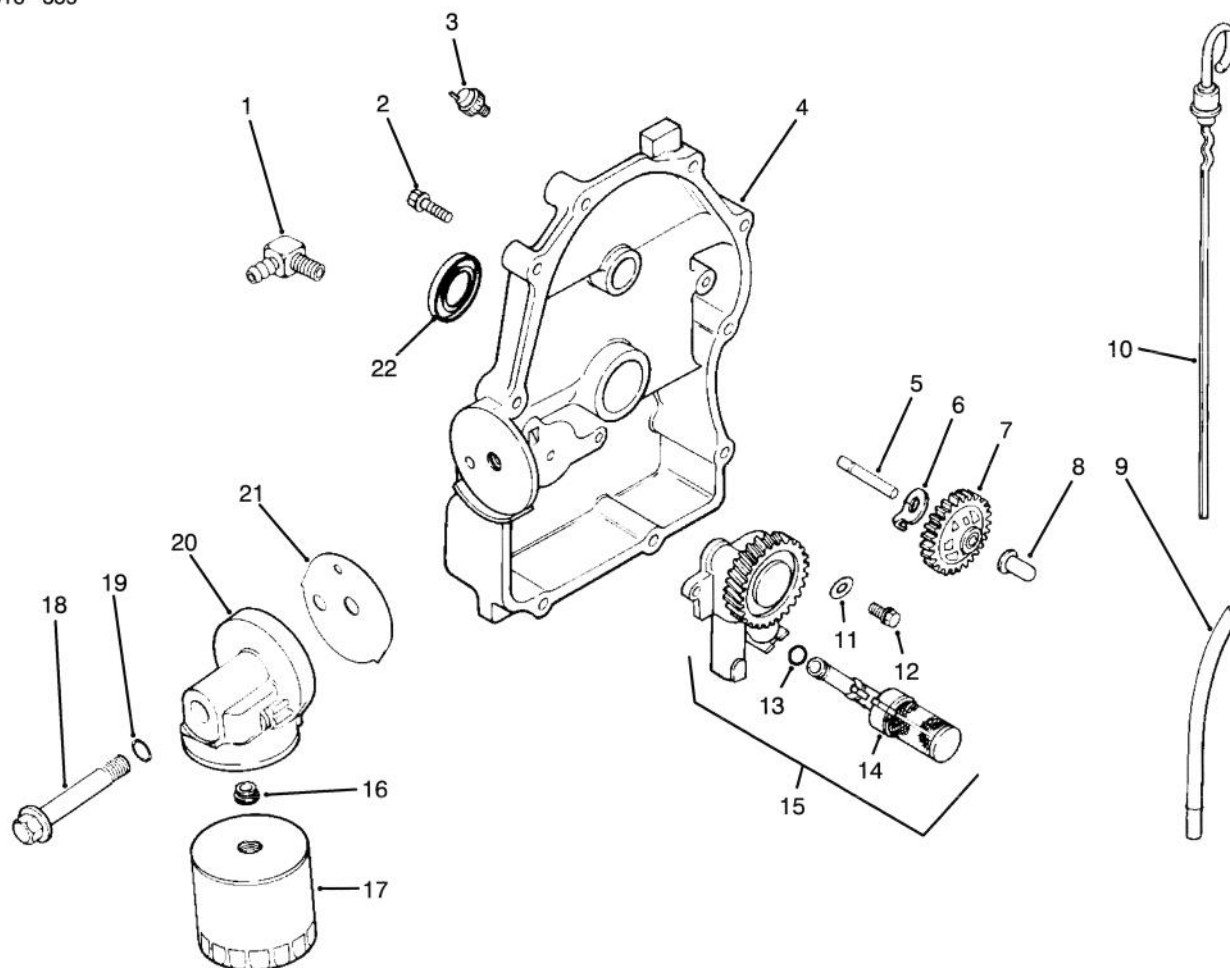
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T-1820

ENGINE KOHLER MODEL CH22S SPEC. NO. 66513 (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	M-0841080	Nut	4	19	24 402 03	Reed - Breather	1
3	M-0829033	Stud - Exhaust Manifold	4	20	12 351 01	Lifter - Valve	4
4	24 318 09	No. 1 Cylinder Head Assy.	1	21	24 411 02	Rod - Push	4
5	12 755 03	Retainer Kit	4	22	24 041 08	Gasket - Cylinder Head	2
6	12 173 01	Cap - Valve Spring	4	23	24 318 10	No. 2 Cylinder Head Assy.	1
7	24 089 02	Spring - Valve	4	24	24 186 02	Arm - Rocker	2
8	52 018 01	Retainer - Spring	4	25	24 194 01	Ball - Pivot Rocker	2
9	24 016 01	Valve - Exhaust	2	26	M-0640034	Screw	1
10	24 017 01	Valve - Intake	2	27	12 086 16	Screw	8
11	24 032 05	Seal - Valve Stem	2	28	M-0651030	Screw	8
12	24 096 11	Cover - Rocker	1	29	24 096 12	Cover - Rocker	1
13	24 326 02	Hose - Breather	1	30	12 445 05	Strap - Lifting	2
14	SM-0645020	Screw	4	31	12 153 03	Seal - O-Ring	1
15	24 033 01	Breather & Plug Kit	1	32	24 755 46	Oil Fill Cap Kit (Incl. Ref. #31)	1
16	24 050 01	Filter - Breather	1	33	X-426-9	Clamp - Breather	1
17	M-0545010	Screw - Breather	1				
18	12 018 01	Retainer - Breather Reed	1				



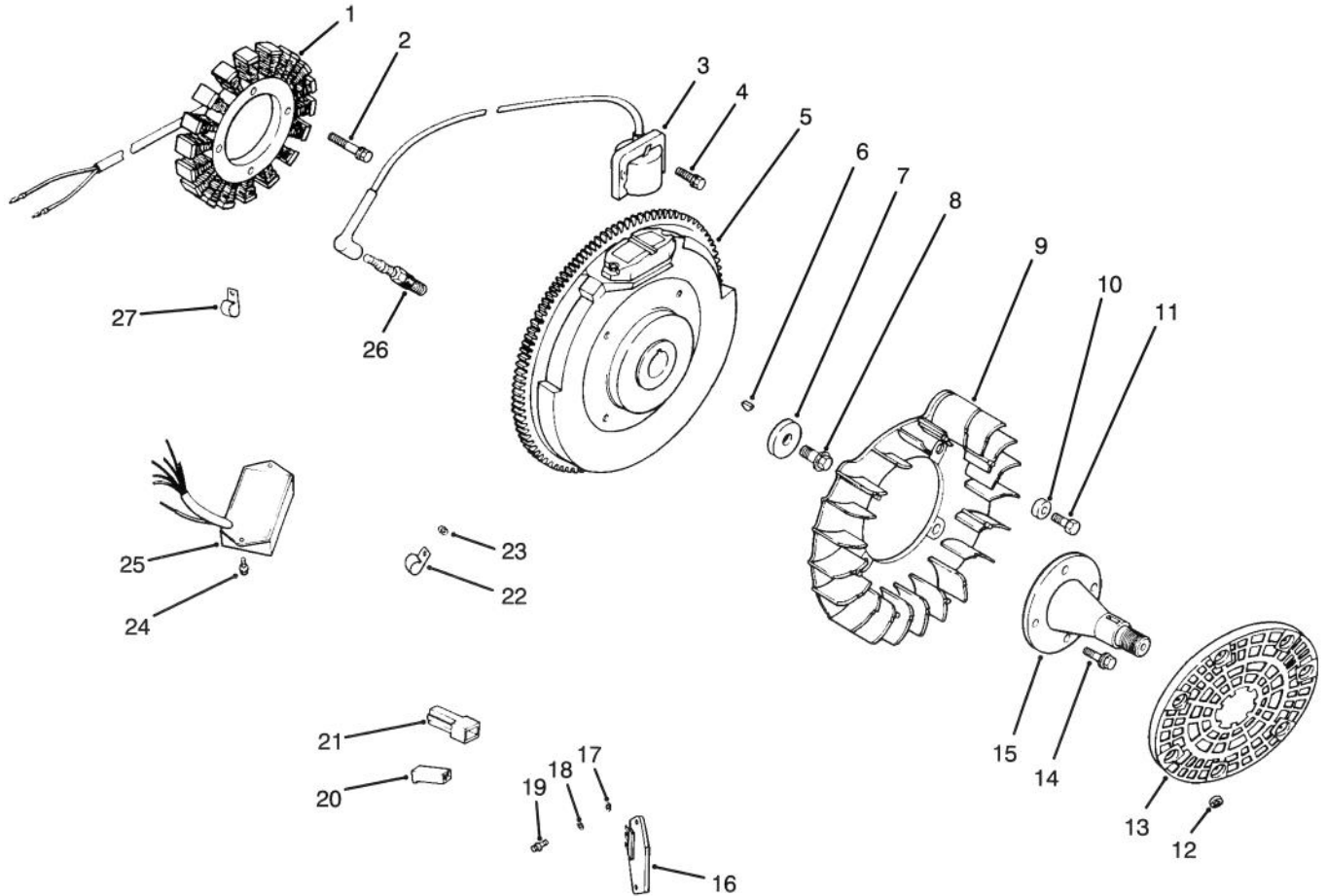
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ENGINE KOHLER MODEL CH22S SPEC. NO. 66513 (Cont.)

Ref. No.	Part No.	Description	No. Used
1	25 155 02	Connector - 90° Hose	1
2	24 086 16	Screw - Plate	10
3	52 099 06	Switch - Oil Pressure	1
4	24 009 04	Plate - Closure	1
5	12 144 02	Shaft - Governor Gear	1
6	52 448 02	Tab - Locking	1
7	24 043 11	Governor Gear Assy.	1
8	12 380 01	Pin - Governor Regulating	1
9	24 123 09	Tube - Dipstick	1
10	24 038 07	Dipstick	1
11	SM-0631005	Washer - Flat	2
12	M-0645025	Screw	2

Ref. No.	Part No.	Description	No. Used
13	24 153 01	Seal - O-Ring	1
14	24 381 01	Pick-Up - Oil	1
15	24 393 03	Oil Pump Assembly (Incl. Ref. #13 & 14)	1
16	24 136 01	Nipple - Oil Filter	1
17	12 050 01	Filter - Oil	1
18	24 211 01	Bolt - Adaptor	1
19	24 153 01	Seal - O-Ring	1
20	24 029 01	Adaptor - Oil Filter	1
21	24 041 12	Gasket - Adaptor	1
22	52 032 08	Seal - Oil	1
*	25 113 05	Decal - Oil Sentry	1

*Not Illustrated



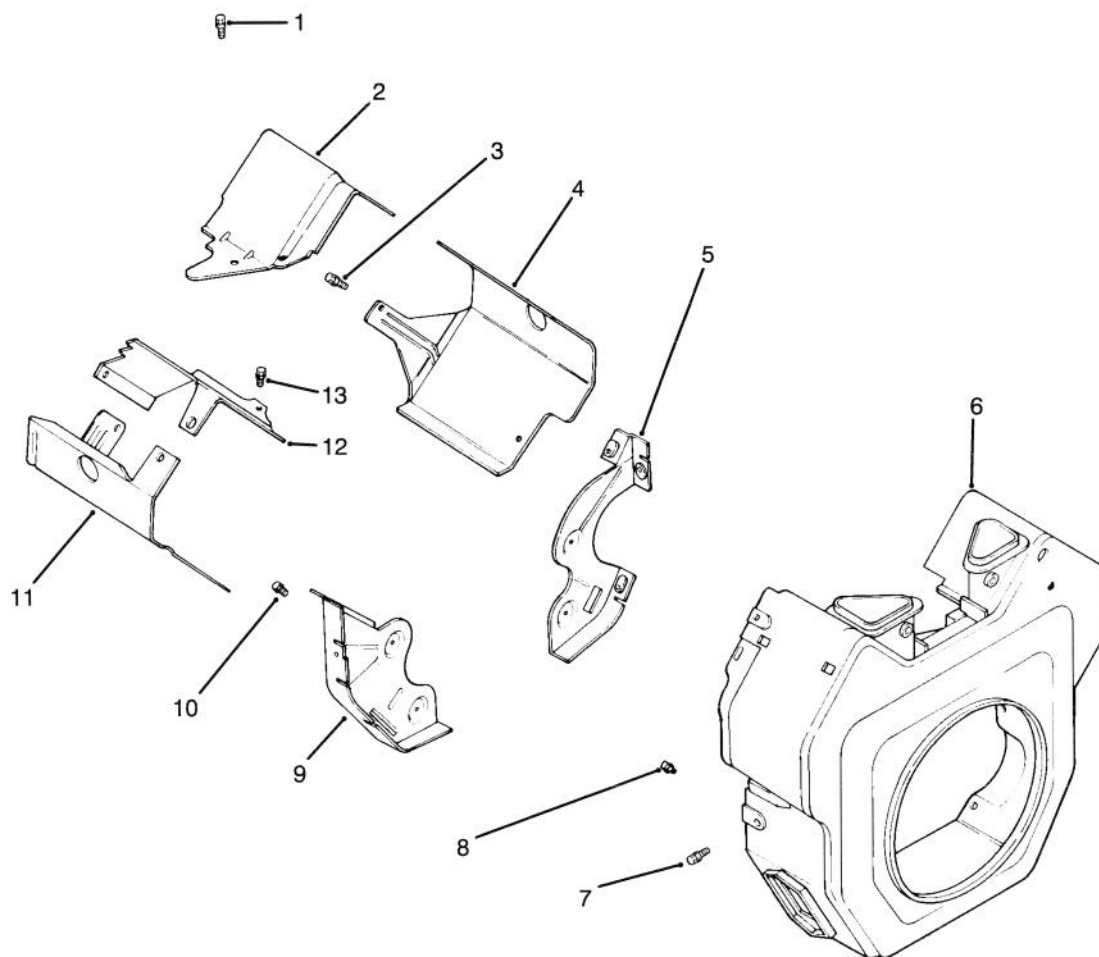
T-1822

ENGINE KOHLER MODEL CH22S SPEC. NO. 66513 (Cont.)

Ref. No.	Part No.	Description	No. Used
1	12 085 02	Stator - 30 Amp.	1
2	M-0548025	Screw	2
3	24 584 03	Module - Ignition	2
4	M-0560020	Screw	4
5	24 025 02	Flywheel Assembly	1
6	X-42-15	Key	1
7	12 468 03	Washer - Flywheel	1
8	12 086 14	Screw - Flywheel	1
9	24 157 01	Fan	1
10	12 112 01	Spacer - Fan	4
11	M-0639016	Screw	4
12	24 018 03	Retainer	3
13	24 162 16	Screen - Grass	1
14	M-0839025	Screw	4
15	24 144 17	Shaft - Front Drive	1

Ref. No.	Part No.	Description	No. Used
16	25 403 01	Rectifier/Regulator 25 Amp.	1
17	X-25-92	Washer - Plain	2
18	X-25-63	Washer - Plain	1
19	24 086 18	Screw - Phillips	2
20	25 155 04	Connector - 1 Contact	1
21	25 155 03	Connector - 1 Contact	1
22	47 154 01	Clip - Cable	1
23	X-25-63	Washer - Plain	1
24	M-0448010	Screw	2
25	24 584 04	Module - Speed Advance	1
26	12 132 02	Plug - Spark	2
27	48 154 02	Clip - Cable	1
*	24 176 28	Harness - Wire	1
*	24 518 04	Lead - Green (Rect.-Reg. 4" 18 Ga.)	1

*Not Illustrated



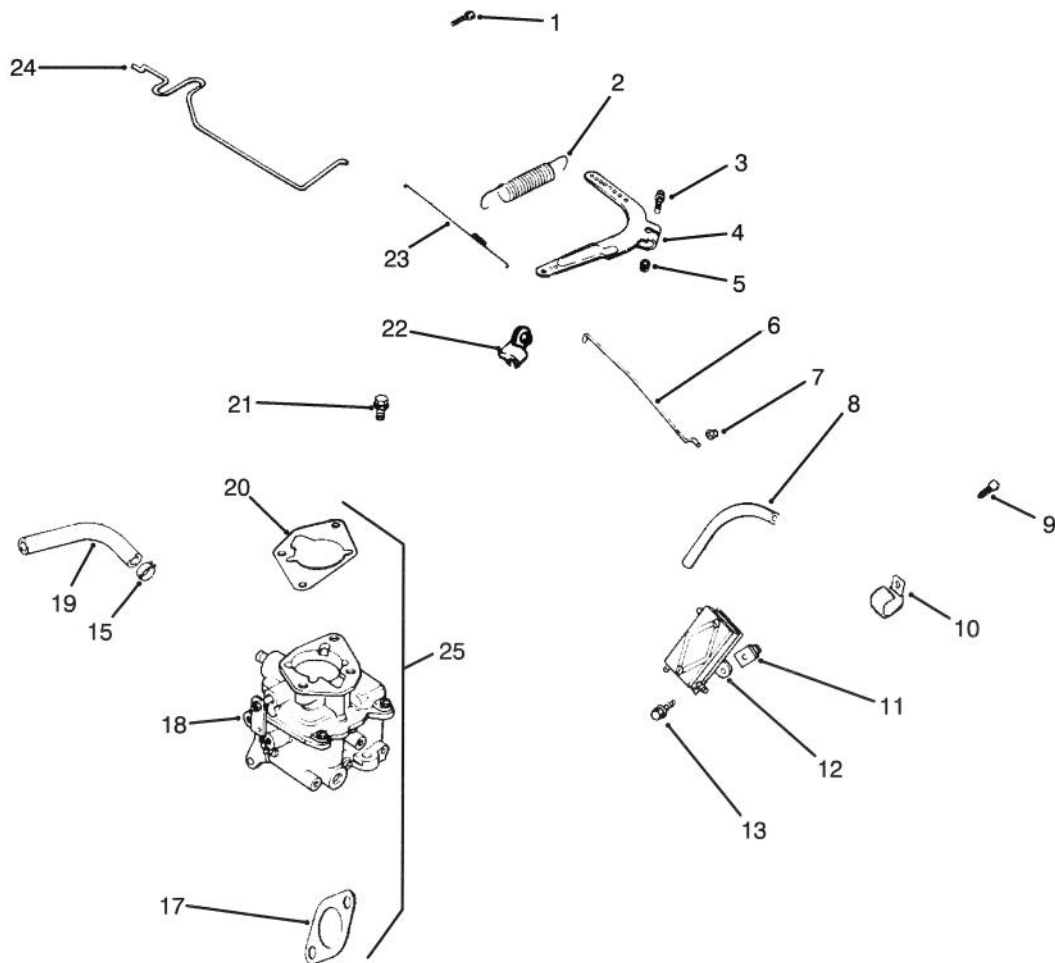
T-1823

ENGINE KOHLER MODEL CH22S SPEC. NO. 66513 (Cont.)

Ref. No.	Part No.	Description	No. Used
1	M-0549016	Screw	2
2	24 063 17	Baffle - Valley (No. 2 Side)	1
3	M-0549016	Screw	2
4	24 063 20	Baffle - Cylinder Barrel (No. 2 Side)	1
5	24 146 01	Plate - Backing (No. 1 Side)	1
6	24 027 04	Housing - Blower	1
7	M-0549016	Screw	5

Ref. No.	Part No.	Description	No. Used
8	M-0551016	Screw	1
9	24 146 02	Plate - Backing (No. 2 Side)	1
10	SM-0645016	Screw	4
11	24 063 19	Baffle - Cylinder Barrel (No. 1 Side)	1
12	24 063 18	Baffle - Valley (No. 1 Side)	1
13	M-0649016	Screw	2
*	24 113 13	Decal - Horsepower	1

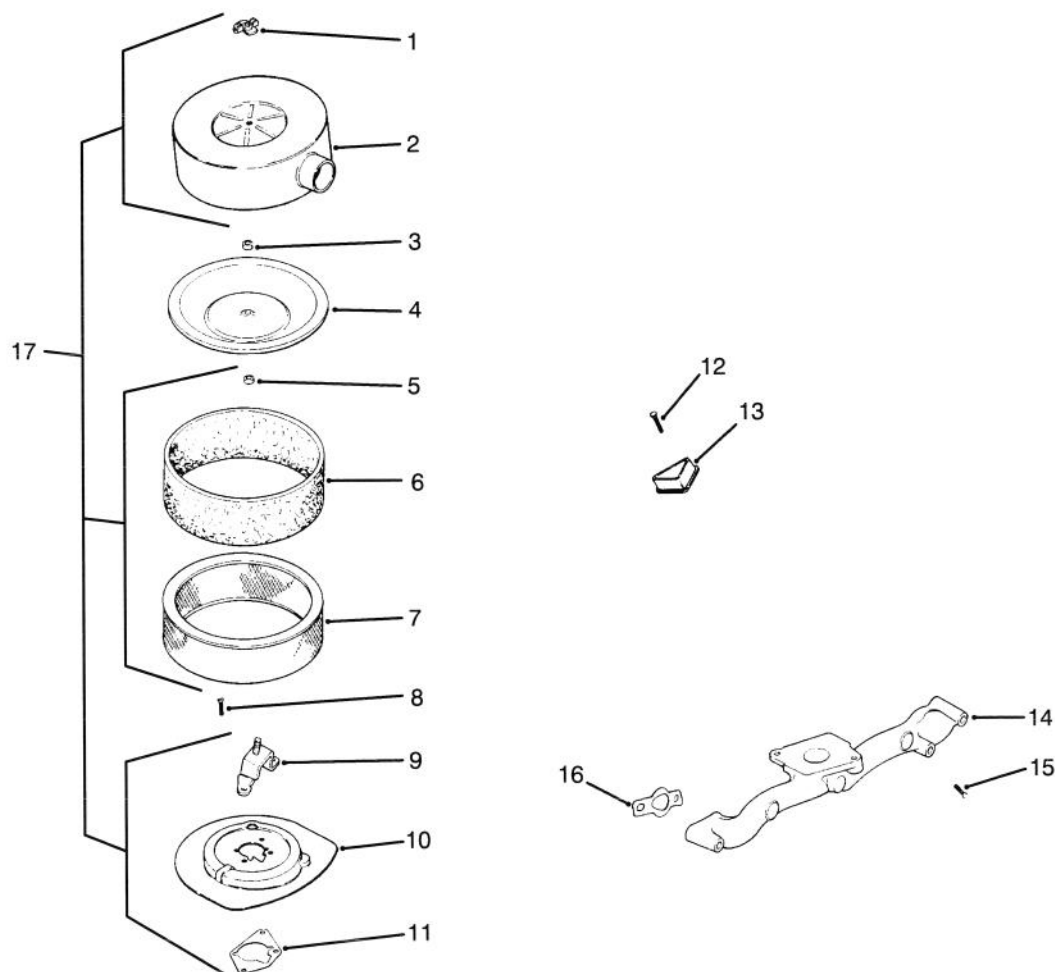
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ENGINE KOHLER MODEL CH22S SPEC. NO. 66513 (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	SM-0645016	Screw	4	15	X-426-9	Clamp - Hose	4
2	24 089 15	Spring - Governor	1	17	24 041 17	Gasket - Carburetor	1
3	SM-0642025	Screw	1	18	24 053 17	Carburetor Assembly (For information only, not available separately)	1
4	24 090 14	Lever - Governor	1	19	25 353 10	Line - Fuel 9"	1
5	SM-0641060	Nut	1	20	24 041 06	Gasket - Air Cleaner Base	1
6	24 079 01	Linkage - Throttle	1	21	M-0651030	Screw	2
7	25 158 08	Bushing - Linkage	1	22	25 158 11	Bushing - Linkage	1
8	24 353 02	Line - Fuel 15.5"	1	23	24 089 01	Spring - Linkage	1
9	M-0650012	Screw - Clip	1	24	24 079 05	Linkage - Choke	1
10	47 154 01	Clip - Cable	1	25	24 853 20	Carburetor & Gasket Kit (Incl. Ref. #17, 18 & 20)	1
11	24 100 01	Nut	2				
12	24 393 04	Pump - Fuel	1				
13	24 086 12	Screw	2				



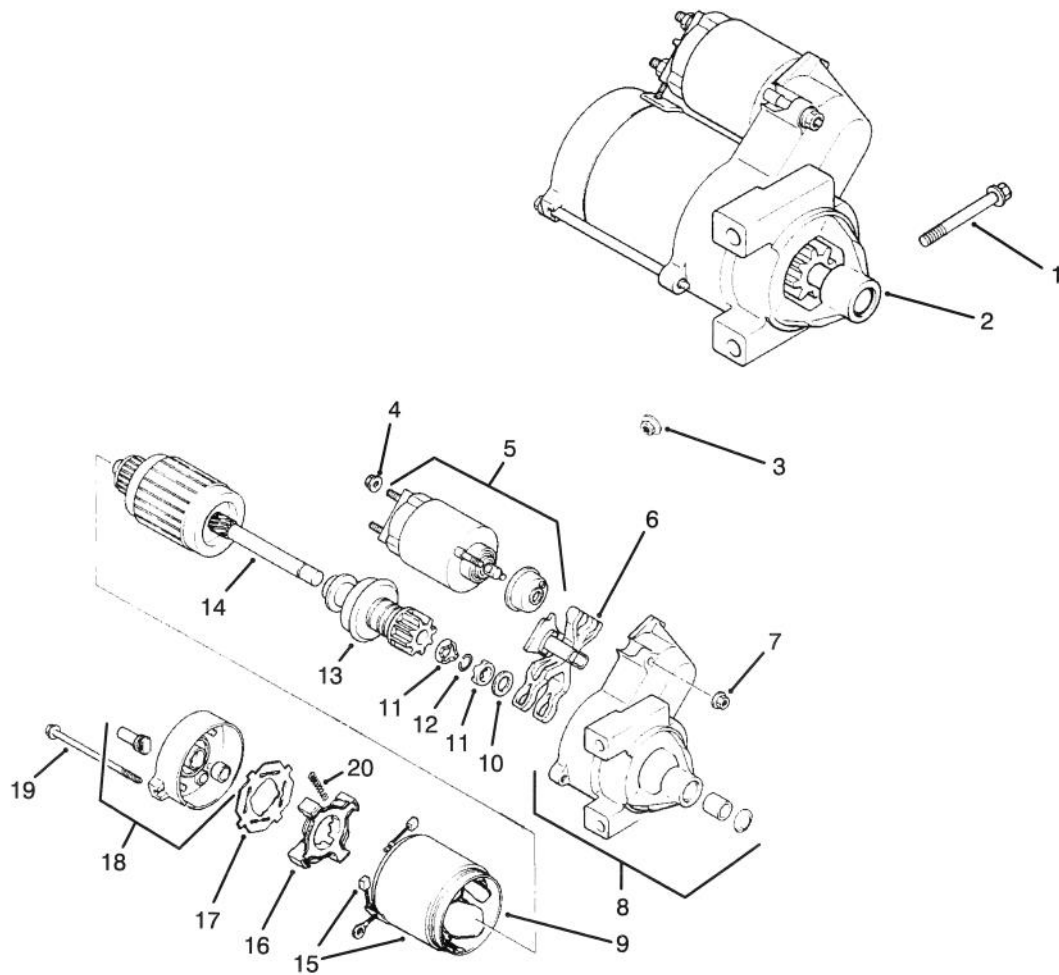
T-1825

ENGINE KOHLER MODEL CH22S SPEC. NO. 66513 (Cont.)

Ref. No.	Part No.	Description	No. Used
1	12 100 01	Nut - Wing	2
2	24 096 10	Cover - Air Cleaner	1
3	41 032 02	Seal - Insert	1
4	24 096 01	Cover - Inner Air Cleaner	1
5	230046	Seal - Air Intake	1
6	24 083 02	Element - Precleaner	1
7	47 083 03	Element - Air Cleaner	1
8	M-0650825	Screw	3
9	24 126 22	Bracket - Air Cleaner	1
10	24 041 06	Gasket - Air Cleaner Base	1

Ref. No.	Part No.	Description	No. Used
11	24 094 05	Base - Air Cleaner	1
12	15 086 09	Screw	2
13	24 096 17	Cover - Blower Housing	2
14	24 164 14	Manifold - Intake	1
15	M-0639055	Screw	4
16	24 041 01	Gasket - Intake Manifold	2
17	24 755 21	Grass Deflection Kit (Incl. Ref.#1, 2, 5-7 & 9-11)	1
*	24 113 14	Decal - Maintenance	1

*Not Illustrated



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ENGINE KOHLER MODEL CH22S SPEC. NO. 66513 (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	M-0839080	Screw	2	11	52 100 08	Nut - Stop Collar	2
2	24 098 01	Starter - Solenoid Shift (Incl. Ref. #4-20)	1	12	52 141 03	Ring - Retainer	1
3	M-0841080	Nut	1	13	12 239 01	Drive - Pinion	1
4	52 100 09	Nut - Starter	1	14	12 170 03	Armature - Starter	1
5	52 435 02	Solenoid	1	15	52 221 01	Brush Kit	1
6	12 090 10	Lever - Starter Drive	1	16	52 323 03	Holder - Brush	1
7	52 100 10	Nut - Starter	2	17	52 168 01	Insulator	1
8	24 081 04	Drive - End Cap	1	18	24 301 01	Commutator - End Cap	1
9	12 471 01	Frame	1	19	52 211 05	Bolt - Thru	2
10	52 468 14	Washer - Thrust	1	20	52 089 09	Spring - Brush	4

TORO PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
111071	Bumper	13 4 2	48-7740	Screw - Cap Hex. Hd.	4 15 4
116749	Horn Assembly	1 21 1	48-7930	Nut - Hex.	32 2 1
5-3637	Washer - Flat	38 7 1	48-8070	Washer - Flat	4 6 1
7-0030	Bolt - Shoulder	28 1 1	48-9520	Nut - Lock	21 28 2
18-1520	Filter - Fuel	38 24 1	48-9520	Nut - Lock	30 50 3
18-1720	Joint - Ball	28 15 1	49-9150	Washer - Flat	15 2 1
18-2830	Horn Switch Assembly	2 30 1	49-9150	Washer - Flat	14 36 1
18-4260	Screw/Lockwasher Assy.	5 9 2	52-2890	Bushing - Flange	7 24 2
18-4270	Clamp - Ball Return Guide	5 8 1	54-0110	Element - Oil Filter	30 38 1
18-4340	Plug - Rack Piston End	5 6 1	55-7120	Switch - Brake Light	7 9 1
18-5160	Seal Kit - Pitman Shaft	6 * 1	55-7290	Battery	37 9 1
18-5170	Seal Kit - Valve Ring	6 * 1	56-2150	Screw - Cap Hex. Hd.	27 8 4
18-5180	Bearing Kit - Lower Thrust	6 * 1	56-2150	Screw - Cap Hex. Hd.	11 13 4
18-5190	Ball - Chrome Alloy	5 10 11	56-7973	Clamp - Hydraulic Tube	39 17 4
19-4050	Knob	37 10 2	57-6380	Screw - Cap Hex. Hd.	29 15 2
21-0360	Nut	8 6 1	57-6380	Screw - Cap Hex. Hd.	11 42 3
21-1830	Spring - Extension	7 30 1	60-6750	Screw - Cap Hex. Hd.	32 4 9
21-9260	Spacer	4 4 1	60-9920	Screw - Cap Hex. Hd.	11 9 2
22-8330	Plug	42 1 2	62-5550	Decal - TORO	1 2 1
22-8340	Spring	42 3 2	62-7650	Gasket - Sending Unit	38 3 1
22-8350	Ball	42 4 2	63-7590	Relay	29 2 2
22-8360	Pin - Cam	42 6 2	63-7622	Hose - Fuel	38 26 1
22-8370	Seat - Check Valve	42 5 2	63-7640	Unit - Sending	38 4 1
22-8380	Retainer - Spring	42 10 2	63-8360	Key - Ignition	2 11 1
22-8410	Spring	42 11 1	63-9640	Hose - Fuel	38 11 1
22-8420	Spool	42 8 1	65-5220	Screw - Hex. Socket Hd.	14 40 3
22-8480	Ring - Retaining, Spool	42 13 1	65-5360	Spring - Extension	4 35 1
22-8490	Ring - Retaining	42 14 1	66-3160	Screw - Cap Hex. Hd.	11 1 4
22-8500	O-Ring	42 9 2	66-3160	Screw - Cap Hex. Hd.	29 9 1
23-3030	Spacer	42 12 1	66-3160	Screw - Cap Hex. Hd.	30 24 5
23-7270	Nut - Lug	19 4 10	66-6840	Decal - Caution	21 32 1
23-7270	Nut - Lug	22 18 10	66-6840	Decal - Hot Surface	11 43 1
26-0071	Bumper	1 9 2	67-1450	Spring - Extension	28 5 1
27-2360	Ignition Switch Assembly	2 33 1	68-9950	Spring - Extension	30 44 1
28-8200	O-Ring	5 27 1	70-8631	Cap - Fuel	38 1 1
28-8210	Bolt - Flange Hex. Hd.	5 17 4	71-5320	Washer - Flat	15 18 1
28-8220	Nut - Lash Adjuster	5 16 1	72-4310	Switch - Ball N.C.	30 46 1
28-8270	Seal Service Kit - End Plug	6 * 1	74-0720	Tube - Manual	13 1 1
28-8280	Seal Kit - Side Cover	5 14 1	75-6820	Hourmeter	2 18 1
28-8290	Seal Service Kit	6 * 1	75-9610	Spacer	39 7 1
33-3090	Bushing - Flange	17 7 4	76-2290	Spacer	15 37 1
36-3400	Decal - No Step	37 11 1	76-4430	Fitting - Fuel 90°	38 9 1
39-7310	O-Ring	5 35 3	76-9100	Spacer	25 24 6
39-7310	Seal - O-Ring	39 29 2	76-9100	Spacer - Hi-Lo Lever	14 35 1
39-7420	Washer - Lock	4 22 1	80-6990	Washer	22 38 4
39-7420	Washer - Lock	5 42 1	80-6990	Washer - Flat	30 49 3
39-7440	Nut - Lock	4 23 1	80-8040	Decal - Warning	27 22 1
39-7440	Nut - Pitman Arm	5 41 1	84-1680	Ring - Retaining	41 7 1
42-3560	Screw - Shoulder	15 15 1	87-0150	Tower - Control Arm RH	17 9 1
42-7160	Pin - Dowel	27 17 3	87-0160	Tower - Control Arm LH	17 * 1
42-9530	Screw - Cap Hex. Hd.	32 10 25	87-0170	Arm - Control Upper RH	18 21 1
42-9530	Screw - Cap Hex. Hd.	11 21 9	87-0180	Arm - Control Upper LH	18 * 1
42-9850	Washer - Lock	11 20 12	87-0210	Arm - Control Lower RH	18 18 1
42-9850	Washer - Lock	35 23 3	87-0220	Arm - Control Lower LH	18 * 1
42-9850	Washer - Lock	32 32 42	87-0270	Drum - Brake	19 7 2
43-1950	Valve	40 10 1	87-0370	Arm - Pitman	4 21 1
43-4300	Trim	38 25 1	87-0660	Hose - Reservoir Rear	7 17 1
43-5150	Piston	41 11 1	87-0670	Hose - Reservoir Front	7 16 1
43-6550	Ring - Retaining	4 10 2	87-0690	Spring - Compression	17 15 2
44-0760	Decal - Warning	17 33 2	87-0710	Hood	1 1 1
48-7560	Screw - Cap Hex. Hd.	32 24 1	87-0740	Key - Supervisor Switch	2 19 1
48-7700	Screw - Cap Hex. Hd.	27 13 6	87-1430	Joint - Ball	18 16 4
48-7700	Screw - Cap Hex. Hd.	35 9 3	87-1450	Bushing - Rubber	18 1 8
48-7730	Screw - Cap Hex. Hd.	29 6 2	87-1470	Rod End Assy. - LH Thread	19 19 2
48-7730	Screw - Cap Hex. Hd.	32 18 5	87-1480	Rod End Assy. - RH Thread	19 24 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
87-1490	Spring - Leaf	21	15	2	87-3170	Pad - Tank Support Strap	38	18	2
87-1500	Steering Gear (Complete)	6	*	1	87-3180	Cover - Clutch	27	15	1
87-1500	Steering Gear Assembly	4	20	1	87-3190	Disk - Clutch	27	16	1
87-1720	Nut - Supervisor Switch	2	20	1	87-3250	Mount - Bearing	4	26	3
87-1840	Drum - Brake	22	15	2	87-3260	Tube - Brake	9	12	1
87-1900	Housing - Bell	11	8	1	87-3270	Tube - Brake RH	21	3	1
87-1910	Pin - Alignment	11	14	2	87-3280	Tube - Brake LH	21	22	1
87-1920	Seal - Shaft	11	6	2	87-3290	Tire - Rear 23	22	16	2
87-1970	Bearing Matched Set	22	20	2	87-3300	Tire	19	5	2
87-2040	Lever - Shift	14	16	1	87-3310	Clip - Brake Cable	22	8	2
87-2100	Bearing - Release	11	26	1	87-3310	Clip - Brake Cable	19	25	2
87-2110	Tail Light Assembly	43	10	1	87-3320	Cover - Wire Harness	2	36	1
87-2120	Headlight Assembly	1	3	2	87-3450	Plug	19	12	2
87-2150	Fender - Front	12	24	2	87-3460	Boot - Tilt Steering	4	2	1
87-2240	Housing - Axle	22	7	2	87-3470	Bumper - Spring	21	14	2
87-2260	Boot - Shift Lower	14	28	1	87-3480	Plate - Brake Equalizer	15	22	1
87-2280	Bearing	4	25	3	87-3520	Clevis	14	27	1
87-2310	Clevis - Cable	30	36	3	87-3530	Button - Shifter	14	29	1
87-2410	Rod - Tie	19	17	2	87-3540	Link - Shift	14	20	2
87-2420	Boot	18	19	4	87-3560	Tee - Brake Line	9	9	1
87-2440	Bumper	1	7	2	87-3560	Tee - Brake Tube	21	23	1
87-2480	Link - Stabilizer	17	24	2	87-3570	Fitting - Union	9	11	2
87-2500	Sleeve - Spring Pivot	17	12	2	87-3580	Retainer	21	4	2
87-2510	Bracket - Seat Frame	13	11	2	87-3580	Retainer	19	14	2
87-2520	Tube - Pivot	14	21	1	87-3580	Retainer - Brake Hose	22	2	2
87-2540	Pedal - Brake	7	4	1	87-3580	Retainer - Brake Hose	18	3	2
87-2590	Shaft - Brake Pedal	7	48	1	87-3580	Retainer - Brake Hose	9	6	2
87-2610	Pedal - Clutch	11	37	1	87-3590	Seal - Bearing	22	22	2
87-2640	Support - Master Cylinder	7	19	1	87-3590	Seal - Bearing	19	26	2
87-2650	Gusset	7	21	1	87-3600	Spacer	17	3	10
87-2660	Support - Pedal LH	7	18	1	87-3610	Bracket - Detent	4	34	1
87-2670	Pedal - Accelerator	7	36	1	87-3650	Pin - Shift	14	18	1
87-2710	Lever - Parking Brake	15	29	1	87-3660	Spring - Compression	14	30	1
87-2780	Hose - Brake Front	9	5	2	87-3680	Relief Valve Assembly	39	*	1
87-2780	Hose - Brake Front	18	8	2	87-3720	Retainer - Cylinder	40	18	2
87-2790	Tube - Brake LH	18	*	1	87-3750	Cover - Steering Wheel	4	9	1
87-2800	Tube - Brake RH	18	20	1	87-3760	Plate - Shift Boot	12	14	1
87-2810	Tube - Brake	9	10	1	87-3770	Bushing - Sleeve	11	7	2
87-2820	Bracket - Hose	19	15	2	87-3780	Box - Glove	2	3	1
87-2830	Tube - Brake	9	1	1	87-3790	Switch - Light	2	22	1
87-2840	Tube - Brake	9	7	1	87-3800	Bracket - Seat Bottom	12	3	3
87-2850	Tube - Brake	9	13	1	87-3820	Wheel - Steering	4	7	1
87-2860	Tube - Brake	9	15	1	87-3830	Brake Assembly RH	22	*	1
87-2870	Bracket - Brake Hose	18	4	2	87-3830	Rear Brake Assembly - RH	24	*	1
87-2880	Shaft - Accelerator Pedal	7	45	1	87-3840	Brake Assembly LH	22	9	1
87-2890	Cradle - Reservoir	7	14	1	87-3840	Rear Brake Assembly - LH	24	*	1
87-2900	Spring - Compression	14	24	1	87-3850	Bar - Anti-Sway	17	17	1
87-2910	Support - Pedal RH	7	3	1	87-3860	Link - Anti-Sway Bar	17	5	2
87-3000	Rim - Rear 23	22	19	2	87-3890	Bracket - Anti-Sway Bar	17	18	2
87-3010	Brake Assembly - RH	19	10	1	87-3910	Bushing - Anti-Sway Bar	17	19	2
87-3010	Front Brake Assembly - RH	20	*	1	87-3920	Bushing - Rubber	17	4	24
87-3020	Brake Assembly - LH	19	*	1	87-3920	Bushing - Rubber	21	7	8
87-3020	Front Brake Assembly - LH	20	*	1	87-3940	Mount - Spring RH	21	*	1
87-3030	Master Cylinder Assembly	7	35	1	87-3960	Mount - Spring LH	21	18	1
87-3040	Brake Fluid Reservoir Assy.	7	11	1	87-3980	Shackle - Spring	21	11	4
87-3060	Washer - Flat	22	25	2	87-3990	Oil Strainer Assembly	30	26	1
87-3080	Cable - Battery Negative	25	14	1	87-4010	Clamp - Anti-Sway Bar	17	20	2
87-3100	Lower Shaft Assembly	4	*	1	87-4030	Supervisor Switch Assy.	2	26	1
87-3110	Absorber - Shock	17	29	2	87-4060	Spacer - Bearing	22	21	2
87-3110	Shock Absorber	21	8	2	87-4070	Bumper - Front	1	14	1
87-3120	Steering Column & Shaft	4	*	1	87-4080	Tube - Brake LH	22	6	1
87-3130	Lever - Tilt Steering	4	36	1	87-4090	Tube - Brake RH	22	1	1
87-3140	Support - Rear	38	12	1	87-4100	Hose - Brake	22	3	2
87-3150	Support - Front	38	15	1	87-4100	Hose - Brake	21	5	2
87-3160	Strap - Tank Support	38	17	2	87-4260	Cable Assembly	14	15	2

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
87-4260	Shift Cable Assembly	31	51	2	87-6000	Decal - Differential Lock	12	17	1
87-4340	Clamp - Cable	14	10	1	87-6010	Decal - Dump Hydraulics	12	19	1
87-4350	Lever - Hi-Lo	14	2	1	87-6020	Decal - Parking Brake	12	20	1
87-4420	Hi-Lo Cable Assembly	14	6	1	87-6030	Decal - Workman 3100	1	15	1
87-4420	Hi-Lo Cable Assembly	31	52	1	87-6040	Bracket - Shifter	14	22	1
87-4460	Differential Lock Cable	15	11	1	87-6060	Decal - ATF	22	4	1
87-4470	Bracket	30	23	1	87-6080	Washer	27	10	1
87-4490	Bracket - Hold-Down	39	22	2	87-6170	Frame - Seat	13	14	1
87-4500	Rod - Pivot	39	2	1	87-6240	Bracket - Seat Back	13	23	4
87-4510	Rod - Connecting	39	3	1	87-6280	Plate - Seat Back	13	18	2
87-4520	Bracket - Dump Valve	40	22	1	87-6290	Cushion - Seat Back	13	17	2
87-4540	Hydraulic Tube Assembly	39	20	1	87-6300	Lens	43	7	1
87-4550	Hydraulic Tube Assembly	39	16	1	87-6310	Gasket	43	9	1
87-4560	Hose - Hydraulic	40	23	1	87-6320	Bulb - Headlight	1	5	2
87-4560	Tube - Hydraulic	39	14	1	87-6330	Lens - Headlight	1	6	2
87-4710	Spacer - Parking Brake	15	13	1	87-6370	Rear Tire & Wheel Assembly	23	*	2
87-4720	Plate - Steering Boot	4	3	1	87-6390	Adapter - Clutch	27	5	1
87-4730	Guard - Belly	25	26	2	87-6400	Frame - Engine	25	31	1
87-4760	Bushing	21	12	12	87-6410	Bracket - Harness	11	11	1
87-4790	Arm - Accelerator Pedal	7	38	1	87-6460	Bearing - Pilot	27	12	1
87-4820	Bracket - Cable	30	27	1	87-6480	Flywheel	27	18	1
87-4880	Hose - Hydraulic	40	3	1	87-6570	Foam - Seal	14	38	1
87-4900	Hose - Hydraulic	40	1	1	87-6620	Screw	1	10	15
87-4910	Hose - Hydraulic	40	25	1	87-6620	Screw - Torx Pan Hd.	11	38	2
87-4920	Hose - Hydraulic	30	41	1	87-6640	Lever - Dump Stop	15	14	1
87-4960	Clamp - Cable	14	42	1	87-6670	Decal - Fuse Block	2	40	1
87-4970	Engine Mount Assembly	25	21	2	87-6710	Switch - Supervisor	30	33	1
87-4970	Transaxle Mount Assembly	30	18	4	87-6720	Knob	14	17	1
87-5030	Lever - Differential Lock	15	3	1	87-6740	Tire - Rear 24	22	*	2
87-5060	Cushion - Seat Bottom	12	7	2	87-6750	Rim - Rear 24	22	*	2
87-5080	Spacer - Connecting	39	25	1	87-6890	Hold - Hand	12	1	1
87-5100	Washer	30	17	4	87-6910	Spring - Compression	30	13	1
87-5100	Washer - Snubbing	25	20	4	87-6950	Receiver - LH	16	6	1
87-5110	Support - Lower	37	19	1	87-6960	Receiver - RH	16	7	1
87-5120	Bracket - Battery Base	37	15	1	87-7040	Bracket - Oil Filter	30	2	1
87-5130	Cover - Battery Base	37	12	1	87-7070	Skirt Assembly	12	2	1
87-5140	Nut - Lock	39	8	1	87-7090	R.O.P.S. Frame Assembly	16	1	1
87-5150	Screw - Cap Hex. Hd.	39	4	1	87-7110	Rear Axle Assembly	22	5	1
87-5290	Shaft - Release	11	5	1	87-7130	Operators Platform Assy.	1	17	1
87-5300	Fork - Clutch	11	23	1	87-7150	Spring Cradle Assembly	17	13	2
87-5320	Guide - Release	11	25	1	87-7160	Cable Clevis Assembly	14	7	3
87-5330	Washer	17	2	12	87-7170	Bracket - Clutch Spring	30	45	1
87-5340	Seal Kit - Tie Rod End	19	*	4	87-7270	Washer - Flat	22	23	6
87-5350	Bracket - Switch	11	18	1	87-7470	Plate - Clamp	21	16	2
87-5360	Lever	11	15	1	87-7480	Washer - Flat	21	34	8
87-5370	Rear Tire & Wheel Assembly	23	*	2	87-7570	Retainer - Reservoir	7	12	1
87-5490	Switch - Neutral	11	19	1	87-7600	Rod - Battery Support	37	21	1
87-5520	Spindle - RH	19	13	1	87-7610	Tab - Battery Support	37	3	1
87-5540	Spindle - LH	19	*	1	87-7620	Shield - Plastic	37	14	1
87-5560	Hub - Wheel	19	8	2	87-7660	Clamp - Brake Line	9	2	8
87-5580	Fuel Gauge Assembly	2	15	1	87-7710	Pulley	27	1	1
87-5700	Hydraulic Pump Assembly	25	6	1	87-7740	Pulley	25	17	1
87-5720	Rim	19	6	2	87-7750	Cable - Accelerator	28	4	1
87-5730	Hose - Hydraulic	30	4	1	87-7750	Cable - Accelerator	7	40	1
87-5750	Plate - Tail Light LH	43	12	1	87-7780	Bracket - Throttle	28	12	1
87-5770	U-Bracket - Tail Light	43	4	1	87-7790	Lever - Choke	28	2	1
87-5800	Bracket - Mount	30	21	2	87-7800	Lever - Throttle	28	14	1
87-5910	Decal - Supervisor	2	16	1	87-7840	Muffler - Exhaust	29	10	1
87-5920	Decal - Danger	12	26	1	87-7850	Manifold - Exhaust	29	16	1
87-5930	Decal - Caution	12	10	1	87-7860	Shield - Heat	29	17	1
87-5940	Decal - Rollover	16	2	1	87-7900	Engine Assembly	27	3	1
87-5960	Decal - Axle Range	12	11	1	87-7910	Decal - Dash	2	9	1
87-5970	Decal - PTO	12	16	1	87-7930	Decal - Danger	13	6	1
87-5980	Decal - ROPS	16	3	2	87-7930	Decal - Warning	40	16	2
87-5990	Decal - PTO	22	39	1	87-7930	Decal - Warning	41	13	1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
87-7940	Stud	13 8 1	92-0665	Key - Synchro	34 23 6
87-7950	Bed Support Assembly	13 7 1	92-0666	Spring - Synchro	34 13 4
87-7960	Clamp - Shift Arm	30 48 2	92-0667	Ring - Synchro	34 6 3
87-7970	Arm - Shift	30 15 1	92-0668	Shifter - Synchro	34 7 2
87-7980	Bracket - Muffler	29 14 1	92-0670	Gear - 29T	34 5 1
87-7990	Hydraulic Cylinder Assy.	40 17 2	92-0671	Gear - 22T	34 15 1
87-8000	Cable - Battery Positive	27 24 1	92-0672	Gear - 18T	34 19 1
87-8010	Harness - Wire Rear	43 5 1	92-0673	Gear - 14T	34 21 1
87-8010	Harness - Wire Rear	2 38 1	92-0674	Shaft - Reduction	34 28 1
87-8020	Hose - Hydraulic	40 5 1	92-0675	Gear - 25T	34 24 1
87-8020	Hose - Hydraulic	25 11 1	92-0676	Gear - 32T	34 27 1
87-8030	Hose - Hydraulic	25 4 1	92-0677	Gear - 49T	34 31 1
87-8030	Hose - Hydraulic	31 54 1	92-0679	Gear - 23T	34 25 1
87-8060	Cable - Choke	28 3 1	92-0680	Collar	34 26 1
87-8060	Choke Control Assembly	12 27 1	92-0681	Bearing - Needle	34 30 2
87-8080	Console Plate Assembly	12 21 1	92-0682	Washer - Thrust	34 29 1
87-8110	Lever Support Assembly	14 14 1	92-0683	Shaft - Reverse Idler	34 9 1
87-8120	Bracket - Trim Side	1 11 2	92-0684	Gear - 33T	34 10 1
87-8130	Bracket - Trim Top	1 19 1	92-0687	Gear - 16T	34 18 1
87-8150	Support - Engine	25 28 1	92-0698	Shaft - Fork R-1	35 14 1
87-8160	Trim	1 20 1	92-0699	Shaft - Fork 2-3	35 7 1
87-8170	Fitting - Hydraulic 90°	25 2 1	92-0700	Fork - Shift R-1	35 3 1
87-8200	Harness - Wire Front	2 41 1	92-0701	Fork - Shift 2-3	35 6 1
87-8240	Cable - Parking Brake	15 24 2	92-0705	Lock - Spindle	35 20 1
87-8240	Cable - Parking Brake	25 32 2	92-0706	Cap - Fork Shaft	32 25 1
87-8250	Plate - Shift Arm	30 10 1	92-0708	Shaft - Fork Hi-Lo	35 16 1
87-8350	Fuel Tank Assembly	38 2 1	92-0709	Fork - Shift Hi-Lo	35 17 1
87-8360	Plug - Hole	2 10 2	92-0710	Counter Shaft Assembly	33 14 1
87-8370	Belt - V	25 29 1	92-0710	Ring Gear Assembly	36 8 1
87-8370	Belt - V	27 29 1	92-0711	Washer - Thrust	33 4 2
87-8440	Rear Frame Assembly	21 2 1	92-0712	Bearing - Ball	33 1 1
87-8460	Bumper	11 34 1	92-0713	Collar	33 12 1
87-8471	Bracket - Clutch	11 41 1	92-0714	Bearing - Ball	33 13 2
87-8560	Control Panel Assembly	2 45 1	92-0715	Gear - 49T	33 6 1
87-8580	Light - Indicator (Red)	2 7 1	92-0716	Collar	33 2 1
87-8590	Clutch Cable Assembly	11 31 1	92-0717	Gear - 71T	33 9 1
87-8620	Boot - Shift	12 13 1	92-0718	Shifter - Hi-Lo	33 7 1
87-8640	Washer - Flat	29 8 4	92-0719	Collar - Spline	33 8 1
87-8640	Washer - Flat	14 26 1	92-0720	Case - Differential	36 31 1
87-8650	Gasket - Muffler	29 12 3	92-0721	Fork - Differential Lock	36 17 1
87-8670	Decal - Load Rating	1 16 1	92-0722	Shaft - Lock Fork	36 18 1
87-8680	Plate - Muffler Mount	29 5 1	92-0723	Spring - Compression	36 19 1
87-8700	Screw - Cap Hex. Hd.	22 36 4	92-0724	Arm - Differential Lock	36 27 1
87-8710	Tab - Clutch	11 40 1	92-0725	Shaft - Axle L.H.	36 28 1
87-8730	Stud - Drive	19 9 10	92-0726	Shaft - Axle R.H.	36 1 1
87-8730	Stud - Drive	22 12 10	92-0727	Washer	36 4 2
87-8740	Stub - Axle	22 14 2	92-0728	Washer	36 2 1
87-8750	Driveshaft Assembly	23 * 2	92-0729	Seal - Oil	35 10 3
87-8770	Decal - Air Cleaner	27 4 1	92-0730	Slider - Differential Lock	36 7 1
87-8780	Head - Oil Filter	30 43 1	92-0731	Spring - Compression	35 2 3
87-8790	Starter Cover Plate Assy.	11 10 1	92-0732	Plate - Keeper	35 8 3
87-8800	Transaxle Assembly	30 22 1	92-0733	Washer	36 20 1
87-9050	Decal - Quick Reference	12 23 1	92-0740	Washer - Thrust	34 3 3
87-9080	Decal - Grease	22 43 2	92-0741	Washer - Thrust	33 10 1
92-0650	Bearing - Ball	34 22 1	92-0743	Breather - Air	32 27 1
92-0651	Case - Transaxle	32 19 1	92-0744	Washer	36 14 1
92-0652	Cover - Upper	32 7 1	92-0745	Gear - Side L.H.	36 24 1
92-0653	Cover - Side	32 9 1	92-0746	Gear - Side R.H.	36 11 1
92-0654	Carrier - Differential	32 17 1	92-0747	Washer - Thrust	36 10 2
92-0655	Cover - Seal	32 30 1	92-0748	Gear - Pinion	36 12 2
92-0656	Cover - P.T.O.	32 1 1	92-0749	Shaft - Pinion	36 23 1
92-0657	Plate - Center	32 21 1	92-0750	Washer	36 13 2
92-0662	Cap - Oil	32 5 1	92-0753	Ring - Retaining	34 2 1
92-0663	Shaft - Main	34 16 1	92-0753	Ring - Retaining	36 21 1
92-0664	Hub - Synchro	34 12 2	92-0754	Ring - Retaining	34 20 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
92-0755	Ring - Retaining	33 11 1	92-2189	Shaft - Drive	26 6 1
92-0756	Ring - Retaining	36 5 3	92-2190	Shaft - Idler	26 25 1
92-0759	Ring - Retaining	32 22 1	92-2191	Bearing	26 27 1
92-0760	Ring - Retaining	32 15 1	92-2192	Bearing	26 12 4
92-0761	Ring - Retaining	35 18 1	92-2193	Ball	26 20 1
92-0762	Washer - Lock	32 3 1	92-2194	Spring	26 21 1
92-0763	Ring - Retaining	34 14 3	92-2195	Seal - Oil	26 2 1
92-0764	Ring - Retaining	33 3 3	92-2196	Seal - Pressure Plate	26 15 1
92-0765	Pin - Alignment	32 8 4	92-2197	Seal - Back Up	26 14 1
92-0765	Pin - Alignment	36 9 2	92-2198	Seal	26 26 1
92-0768	Pin - Spring	36 15 2	92-2199	Key - Ball	26 28 1
92-0769	Pin - Spring	35 4 2	92-2609	Decal - Remote Hydraulics	12 18 1
92-0770	Pin - Spring	36 26 1	92-2671	Hitch Angle Kit	22 40 1
92-0771	Pin - Spring	36 16 1	92-2697	Hose - Hydraulic	40 4 1
92-0772	Key	34 17 2	92-4101	Primary Piston Assembly	8 11 1
92-0773	Drain Plug Assembly	32 13 1	92-4102	Secondary Piston Assembly	8 4 1
92-0775	Bearing - Ball	36 6 2	92-4103	Pin - Stop	8 3 1
92-0775	Bearing - Ball	32 33 2	92-4104	Adaptor - Pipe Fitting	8 1 2
92-0776	Bearing - Ball	36 29 1	92-4105	Seal Kits	8 2 1
92-0778	Bearing - Ball	34 11 2	92-4106	Rod - Push	8 8 1
92-0780	Bearing - Ball	36 3 1	92-4107	Dust Cover	8 7 1
92-0781	Bearing - Needle	34 4 4	92-4108	Washer - Retainer	8 10 1
92-0782	Bearing - Needle	34 33 1	92-4109	Circlip	8 9 1
92-0783	Sleeve - Inner	33 5 1	92-4110	Clevis	8 5 1
92-0785	Ball	35 1 3	92-4112	Cap Assembly	7 5 1
92-0787	O-Ring	36 22 1	92-4113	Screw - Bleed	20 4 1
92-0788	O-Ring	32 6 1	92-4114	Cap - Bleed Screw	20 5 1
92-0789	O-Ring	32 14 1	92-4114	Cap - Bleed Screw	24 5 1
92-0790	O-Ring	32 29 1	92-4115	Backplate Assembly LH	20 2 1
92-0791	Seal - Oil	32 26 1	92-4116	Backplate Assembly RH	20 * 1
92-0793	Seal - Oil	32 16 2	92-4117	Wheel Cylinder Assy. - LH	20 * 1
92-0793	Seal - Oil	36 32 2	92-4118	Wheel Cylinder Assy. - RH	20 * 1
92-0796	Screw - Cap Hex. Hd.	32 31 5	92-4119	Kit - Seal	20 * 1
92-0803	Screw - Hex. Flange Hd.	36 30 12	92-4120	Shoe & Lining Set	20 13 1
92-0804	Stud	32 28 1	92-4121	Adjuster Assembly - LH	20 * 1
92-0807	Cap - Sealing	32 23 1	92-4122	Adjuster Assembly - RH	20 * 1
92-0808	Shim Set	32 20 1	92-4123	Pawl Assembly - LH	20 19 1
92-0809	Shim Set	32 11 1	92-4123	Pawl Assembly - LH	24 19 1
92-0816	Arm - Shift Fork R-1	35 15 1	92-4124	Pawl Assembly - RH	20 * 1
92-0817	Arm - Shift Fork 2-3	35 5 1	92-4124	Pawl Assembly - RH	24 * 1
92-0818	Arm - Shift Fork Hi-Lo	35 19 1	92-4125	Plug	20 3 1
92-0819	Gear - 40T	34 32 1	92-4126	Spring - Shoe, Upper LH	20 14 1
92-2152	Bushing - Dowel	27 6 2	92-4127	Spring - Shoe, Upper RH	20 * 1
92-2160	Cartridge - Relief Valve	39 12 1	92-4128	Spring - Shoe, Lower	20 15 1
92-2161	Body - Relief Valve	39 28 1	92-4129	Spring - Adjuster, LH	20 20 1
92-2162	Head	41 6 1	92-4130	Spring - Adjuster, RH	20 * 1
92-2163	Shaft	41 2 1	92-4131	Washer - Hold Down	20 22 2
92-2165	Kit - Repair	41 * 1	92-4131	Washer - Hold Down	24 22 2
92-2173	Screw - Cap Socket Head	26 18 8	92-4132	Spring - Hold Down	20 23 2
92-2174	Screw - Adjusting	26 22 1	92-4133	Pin - Hold Down	20 26 2
92-2175	Gear	26 11 2	92-4133	Pin - Hold Down	24 26 2
92-2176	Pin - Dowel	26 16 2	92-4134	Plug - Inspection	20 25 1
92-2177	Pin - Shear	26 7 1	92-4134	Plug - Inspection	24 25 1
92-2178	Ring - Crescent	26 4 4	92-4135	Set Bolt	20 1 2
92-2179	Key - Square	25 5 1	92-4135	Set Bolt	24 1 2
92-2179	Key - Square	26 5 1	92-4137	Screw - Bleed	24 4 1
92-2180	Gasket - Copper	26 23 1	92-4138	Backplate Assembly LH	24 2 1
92-2181	Plate - Pressure	26 13 1	92-4139	Backplate Assembly RH	24 * 1
92-2182	Plate - Seal	26 9 1	92-4140	Wheel Cylinder Assy. - LH	24 * 1
92-2183	Plate - Wear	26 10 1	92-4141	Wheel Cylinder Assy. - RH	24 * 1
92-2184	Cap - Relief Valve	26 24 1	92-4142	Seal Kit	24 * 1
92-2185	Plug	26 19 1	92-4143	Shoe & Lining Set	24 13 1
92-2186	Spacer	26 3 1	92-4144	Adjuster Assembly - LH	24 * 1
92-2187	Housing - Gear, End	26 17 1	92-4145	Adjuster Assembly - RH	24 * 1
92-2188	Stator	26 8 1	92-4146	Plug	24 3 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
92-4147	Spring - Shoe, Upper LH	24 14 1	2412-34	Clamp - Hose	25 3 1
92-4148	Spring - Shoe, Upper RH	24 * 1	2412-34	Clamp - Hose	31 53 1
92-4149	Spring - Shoe, Lower	24 15 1	2412-36	Clamp	38 8 1
92-4150	Spring - Adjuster, LH	24 20 1	2412-36	Clamp - Hose	30 3 3
92-4151	Spring - Adjuster, RH	24 * 1	2412-89	Clamp - R	25 1 2
92-4152	Spring - Hold Down	24 23 2	2412-89	Clamp - R	43 1 1
92-4153	Steering Column Assembly	4 11 1	2412-89	Clamp - R	37 5 1
92-4154	Universal Joint Assembly	4 31 1	2412-89	Clamp - R	7 26 1
92-4155	Upper Slip Joint Assembly	4 28 1	2412-89	Clamp - R	11 28 1
92-4156	Lower Slip Joint Assembly	4 29 1	2412-89	Clamp - R	2 31 1
92-4157	Boot - Steering Shaft	4 24 1	2412-96	Clamp - R	38 23 1
92-4158	Valve Assy. - Hyd. Gear	6 * 1	2412-105	Clamp - R	4 17 2
92-4159	Nut - Adjuster Plug Lock	5 25 1	2412-108	Clamp - Hose	38 10 4
92-4160	Bearing Service Kit - Upper	6 * 1	2412-133	R-Clamp	13 3 2
92-4161	Service Cover Assembly	5 * 1	2412-143	Clamp - Hose	7 15 2
92-4162	Pitman Shaft - Gear Service	6 * 1	2412-144	Clamp - Hose	7 34 2
92-4163	Steering Housing Assembly	6 * 1	2412-149	Clamp - Tube	21 24 5
92-4164	Plug Assy. - Service Adjust.	6 * 1	2412-149	R-Clamp	9 18 2
92-4165	Plug - Housing End	5 2 1	251-8	Bearing - Ball	34 1 2
92-4166	Rack/Piston/Nut Assembly	6 * 1	251-346	Bearing - Ball	34 8 1
92-4167	Service Plug Assembly	6 * 1	254-72	Cup - Bearing	19 29 2
92-4168	Return - Guide Ball	5 7 2	254-94	Cone - Bearing	19 30 2
92-4169	Bearing - Needle	5 21 1	254-106	Cone - Bearing	19 27 2
92-4170	Bearing - Pitman Shaft	5 47 1	254-107	Cup - Bearing	19 28 2
92-4177	Yoke - Double Clamp	22 34 2	256-257	Bushing - Flange	7 1 2
92-4179	Yoke, Shaft & Seal	22 33 2	256-257	Bushing - Flange	11 36 2
92-4180	Seal	22 32 2	283-2	Pin - Clevis	7 29 1
92-4182	Yoke & Hub Assembly	22 31 2	283-14	Pin - Clevis	15 23 1
92-4183	Yoke - End	22 29 2	283-30	Pin - Clevis	11 33 1
92-4187	Cross & Bearing Kit	22 30 4	283-30	Pin - Clevis	7 42 1
92-4188	Ring - Snap	22 28 16	283-62	Pin - Clevis	15 6 1
92-5972	Grommet	13 5 4	283-62	Pin - Clevis	14 8 3
218-446	Nut - Hex.	2 12 1	283-62	Pin - Clevis	30 35 3
218-447	Washer - Lock	2 13 1	283-85	Pin - Clevis	7 39 1
218-574	Fuse 7.5 Amp.	2 42 2	302-5	Fitting - Grease	18 14 4
218-578	Fuse 10 Amp.	2 43 1	302-5	Fitting - Grease	19 20 4
218-600	Bulb	2 21 1	302-5	Fitting - Grease	4 30 1
232-27	Stem - Valve	19 31 2	302-5	Fitting - Grease	22 35 2
232-27	Valve - Stem	22 17 2	302-11	Fitting - Grease	17 8 2
233-37	Knob	14 1 1	302-58	Fitting - Grease	23 44 16
233-39	Knob	39 1 1	321-2	Screw - Cap Hex. Hd.	2 1 7
233-39	Knob	4 1 1	321-3	Screw - Cap Hex. Hd.	2 4 2
233-48	Knob	15 4 1	321-3	Screw - Cap Hex. Hd.	4 33 2
237-21	Seal - O-Ring	40 2 6	321-4	Screw - Cap Hex. Hd.	29 1 2
237-22	Seal - O-Ring	40 6 2	321-4	Screw - Cap Hex. Hd.	37 8 1
237-22	Seal - O-Ring	39 9 4	321-4	Screw - Cap Hex. Hd.	12 9 8
237-22	Seal - O-Ring	25 10 1	321-4	Screw - Cap Hex. Hd.	9 17 2
237-30	O-Ring	30 34 2	321-4	Screw - Cap Hex. Hd.	13 20 8
237-42	O-Ring	42 2 2	321-4	Screw - Cap Hex. Hd.	7 27 1
237-42	Seal - O-Ring	40 8 2	321-4	Screw - Cap Hex. Hd.	11 29 1
237-42	Seal - O-Ring	39 11 2	321-4	Screw - Cap Hex. Hd.	2 32 1
237-42	Seal - O-Ring	30 47 1	321-6	Screw - Cap Hex. Hd.	43 2 4
237-78	Seal - O-Ring	40 15 4	321-6	Screw - Cap Hex. Hd.	18 5 2
237-79	Seal - O-Ring	25 8 1	321-9	Screw - Cap Hex. Hd.	39 5 2
237-79	Seal - O-Ring	30 39 2	321-9	Screw - Cap Hex. Hd.	9 16 4
237-80	Seal - O-Ring	25 12 1	321-9	Screw - Cap Hex. Hd.	15 27 1
237-81	Seal - O-Ring	30 28 1	321-14	Screw - Cap Hex. Hd.	40 9 2
237-123	Seal - O-Ring	30 25 1	321-15	Screw - Cap Hex. Hd.	39 13 1
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240-6	Grommet	7 22 1	322-2	Screw - Cap Hex. Hd.	9 8 1
241-119	Cap Dust	19 1 2	322-2	Screw - Cap Hex. Hd.	4 16 6
2410-35	Plug - Hole	2 6 1	322-2	Screw - Cap Hex. Hd.	2 37 3
2410-42	Cap - Front Bumper	1 12 2	322-3	Screw - Cap Hex. Hd.	40 21 4
2411-33	Joint - Ball	11 3 1	322-4	Screw - Cap Hex. Hd.	29 13 2
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322-5	Screw - Cap Hex. Hd.	7 13 1	3234-40	Screw - Hex. Flange Hd.	16 4 4
322-5	Screw - Cap Hex. Hd.	25 16 1	3250-13	Screw	2 44 2
322-5	Screw - Cap Hex. Hd.	39 24 1	3250-13	Screw - Hex. Hd.	12 15 20
322-12	Screw - Cap Hex. Hd.	14 25 1	3253-4	Washer - Lock	12 5 8
323-4	Screw - Cap Hex. Hd.	38 13 2	3253-4	Washer - Lock	27 14 6
323-4	Screw - Cap Hex. Hd.	1 22 1	3253-4	Washer - Lock	4 14 4
323-6	Screw - Cap Hex. Hd.	15 1 1	3253-6	Washer - Lock	27 20 4
323-6	Screw - Cap Hex. Hd.	22 11 8	3253-15	Washer - Lock	38 5 5
323-6	Screw - Cap Hex. Hd.	13 12 2	3253-15	Washer - Lock	2 23 2
323-6	Screw - Cap Hex. Hd.	38 22 1	3253-19	Washer - Lock	2 28 3
323-6	Screw - Cap Hex. Hd.	14 37 1	3253-21	Washer - Lock	22 10 8
323-7	Screw - Cap Hex. Hd.	30 14 4	3253-21	Washer - Lock	13 13 2
323-7	Screw - Cap Hex. Hd.	7 31 2	3253-21	Washer - Lock	19 33 8
323-7	Screw - Cap Hex. Hd.	22 42 4	3253-22	Washer - Lock	27 7 4
323-8	Screw - Hex. Flange Hd.	19 11 8	3253-22	Washer - Lock	11 12 4
323-9	Screw - Cap Hex. Hd.	37 16 1	3253-22	Washer - Lock	4 37 3
323-9	Screw - Cap Hex. Hd.	27 27 4	3255-8	Washer - Lock ETLW	25 13 1
323-10	Screw - Cap Hex. Hd.	30 8 1	3255-9	Washer - Lock	27 28 1
323-12	Screw - Cap Hex. Hd.	17 6 8	3255-9	Washer - Lock ETLW	37 2 1
324-4	Screw - Cap Hex. Hd.	27 19 4	3256-4	Washer - Flat	30 12 1
324-8	Screw - Cap Hex. Hd.	4 19 3	3256-6	Washer - Flat	21 9 4
324-9	Screw - Cap Hex. Hd.	17 22 4	3256-6	Washer - Flat	17 32 2
324-10	Screw - Cap Hex. Hd.	17 1 4	3256-14	Washer - Flat	39 30 1
324-12	Screw - Cap Hex. Hd.	25 35 2	3256-22	Washer - Flat	9 4 4
324-13	Screw - Cap Hex. Hd.	17 10 2	3256-22	Washer - Flat	2 5 2
325-4	Screw - Cap Hex. Hd.	13 15 2	3256-22	Washer - Flat	12 8 8
325-13	Screw - Cap Hex. Hd.	18 11 8	3256-22	Washer - Flat	43 11 4
325-13	Screw - Cap Hex. Hd.	17 27 4	3256-22	Washer - Flat	39 18 3
325-19	Screw - Cap Hex. Hd.	22 27 1	3256-22	Washer - Flat	13 19 8
325-20	Screw - Cap Hex. Hd.	22 24 5	3256-22	Washer - Flat	11 39 2
329-6	Screw - Cap Hex. Hd.	28 9 1	3256-23	Washer - Flat	12 4 8
329-7	Screw - Cap Hex. Hd.	28 11 1	3256-23	Washer - Flat	15 21 1
3211-8	Screw - Cap Hex. Hd.	14 13 2	3256-23	Washer - Flat	39 26 2
3215-1	Screw - Cap Hex. Hd.	30 16 2	3256-24	Washer - Flat	37 17 2
3217-25	Nut - Hex	2 24 2	3256-24	Washer - Flat	27 26 4
3217-29	Nut - Hex.	2 27 3	3256-25	Washer - Flat	27 21 4
3218-18	Nut - Jam	14 43 1	3256-25	Washer - Flat	25 34 2
3218-20	Nut - Jam	11 17 2	3256-27	Washer - Flat	21 6 8
3218-21	Nut - Jam	19 18 2	3256-27	Washer - Flat	17 31 2
3219-14	Nut	14 5 1	3256-28	Washer - Flat	19 3 2
3219-14	Nut - Hex.	30 32 1	3256-28	Washer - Flat	27 30 1
3220-1	Nut - Jam	28 10 2	3256-45	Washer - Flat	25 18 1
3220-1	Nut - Jam	30 37 4	3256-61	Washer - Flat	12 25 14
3220-1	Nut - Jam	14 41 4	3257-5	Key - Woodruff	27 9 1
3220-2	Nut - Jam	11 2 1	3257-7	Key - Woodruff	27 2 1
3220-3	Nut - Jam	14 12 2	3269-27	Rivet - Plastic	37 13 4
3220-3	Nut - Jam	12 28 1	3272-6	Pin - Cotter	14 3 3
3220-11	Nut - Jam	19 23 2	3272-6	Pin - Cotter	30 30 3
3229-25	Screw - Carriage	40 19 2	3272-6	Pin - Cotter	7 37 1
3230-10	Bolt - Carriage	29 4 5	3272-10	Pin - Cotter	15 8 2
3230-18	Bolt - Carriage	13 2 2	3272-10	Pin - Cotter	11 32 1
3230-22	Bolt - Carriage	25 30 1	3272-10	Pin - Cotter	7 43 1
3230-23	Bolt - Carriage	37 6 4	3272-12	Pin - Cotter	18 17 4
3231-3	Bolt - Carriage	17 21 4	3272-12	Pin - Cotter	19 21 4
3231-21	Bolt - Carriage	37 7 6	3272-12	Pin - Cotter	19 32 2
3231-21	Bolt - Carriage	39 21 2	3272-37	Pin - Cotter	40 20 2
3231-21	Bolt - Carriage	13 22 4	3274-1	Screw - Hex. Socket Hd.	27 11 1
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3234-4	Screw - Hex. Flange Hd.	30 42 4	3290-221	Washer - Spring	14 34 1
3234-11	Screw - Cap Hex. Hd.	25 25 6	3290-221	Washer - Spring	15 36 2
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3290-357	Nut - Flange Lock	1 8 9	32128-20	Nut - Flange	2 35 3
3290-357	Nut - Flange Lock	13 10 4	32128-20	Nut - Flange Head	40 12 4
3290-357	Nut - Flange Lock	17 16 4	32128-20	Nut - Flange Lock	18 6 2
3290-357	Nut - Flange Lock	14 33 4	32128-20	Nut - Flange Lock	29 7 5
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3290-456	Washer - Belleville	14 46 2	32128-21	Nut - Lock	30 11 1
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3290-478	Washer - Belleville	15 17 1	32128-23	Nut - Flange Lock	16 5 4
3290-506	Palnut	43 3 2	32128-23	Nut - Flange Lock	21 21 22
3290-507	Pin - Dowel	14 31 1	32128-25	Nut - Lock	29 11 2
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3296-3	Nut - Lock	28 13 1	32128-33	Nut - Flange Lock	30 1 1
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3296-29	Nut - Lock	39 27 1	32136-3	Nut - Slotted	19 22 4
3296-39	Nut - Flange Lock	30 20 4	32136-5	Nut Slotted	19 2 2
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3296-39	Nut - Lock	19 16 8	32144-10	Screw - Self Tapping	25 33 2
3296-39	Nut - Lock	25 22 6	32144-14	Screw - Self Tapping	25 15 1
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3296-39	Nut - Lock	27 25 4	32144-52	Screw - Hex. Hd.	12 12 6
3296-39	Nut - Lock	17 28 8	32144-93	Screw - Self Tapping	43 6 2
3296-39	Nut - Lock	15 33 1	32144-116	Screw - Pan Head	4 8 8
3296-39	Nut - Lock	22 41 4	32148-6	Insert - Threaded	2 2 2
3296-39	Nut - Lock	14 45 1	32148-7	Nut - Clinch	1 18 8
3296-42	Nut - Lock	9 3 4	32148-7	Nut - Clinch	14 19 2
3296-42	Nut - Lock	15 12 2	32148-10	Insert - Threaded	21 1 8
3296-42	Nut - Lock	18 13 2	32148-15	Insert - Threaded	14 4 1
3296-42	Nut - Lock	43 13 4	32148-15	Nut - Clinch	30 31 1
3296-42	Nut - Lock	38 14 2	32151-41	Ring - Retaining	26 1 1
3296-42	Nut - Lock	39 19 2	32151-56	Ring - Push-On	7 23 1
3296-42	Nut - Lock	4 32 2	32151-104	Ring - Snap	18 15 4
3296-48	Nut - Lock	17 11 10	32152-10	Nut	41 12 1
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3296-59	Nut - Lock	4 13 1	340-77	Fitting - Hydraulic 90°	40 7 1
3296-76	Nut - Lock	21 33 8	340-86	Fitting - Hydraulic Tee	39 15 1
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32104-88	Screw	1 4 6	340-94	Fitting - Hydraulic Tee	39 10 1
32120-47	Ring - E	11 35 2	340-132	Fitting - Hydraulic 90°	40 14 4
32120-47	Ring - E	7 41 1	340-140	Fitting - Hydraulic Tee	40 24 1
32120-47	Ring - Retaining	15 10 3	340-151	Fitting - Hydraulic Tee	40 27 1
32121-7	Pin - Roll	11 22 1	353-987	Fitting - Hydraulic 90°	30 29 1
32121-24	Pin - Roll	11 24 2	354-134	Fitting - Hydraulic 90°	30 40 2
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*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Workman 3100 has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame. In any correspondence concerning the Workman 3100, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the Workman 3100.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

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