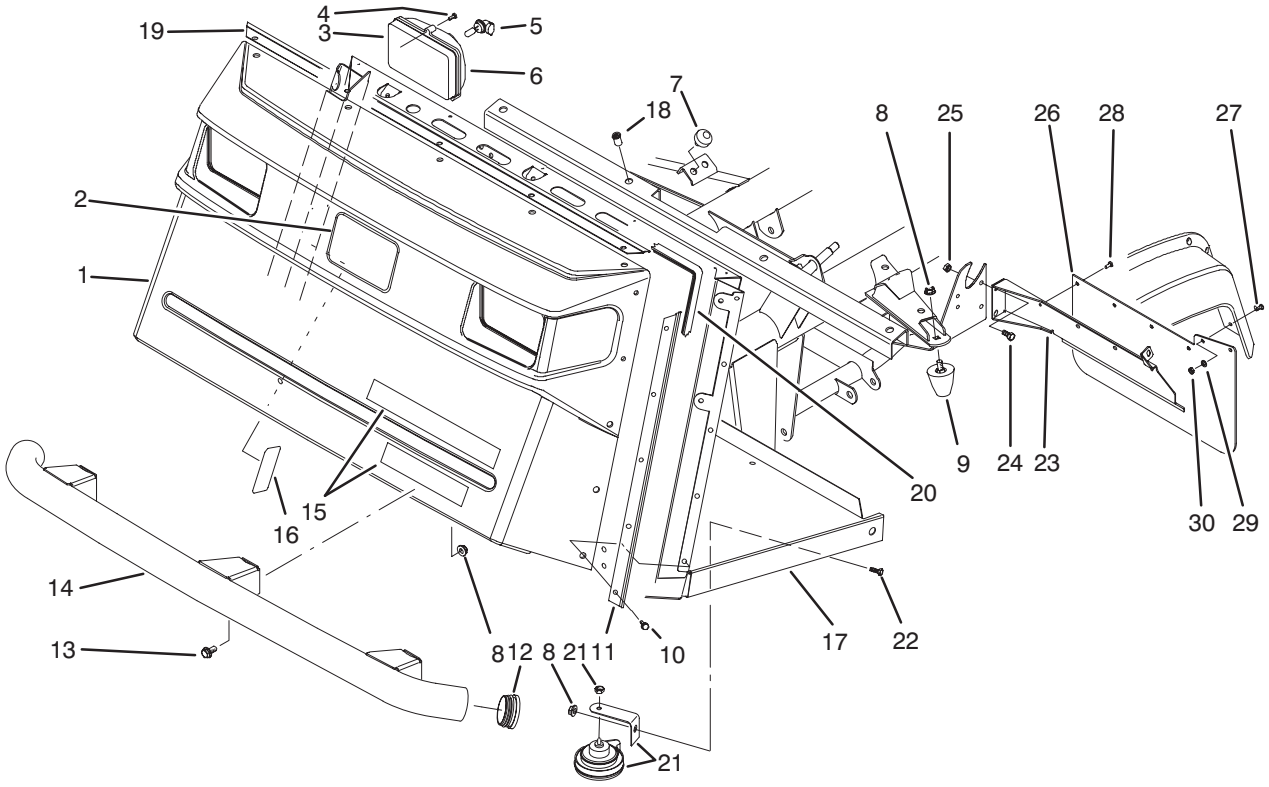
FORM NO. 3317–174

TORO®

MODEL NO. 07210–50001

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
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	87–9510	Decal – Load Rating	1

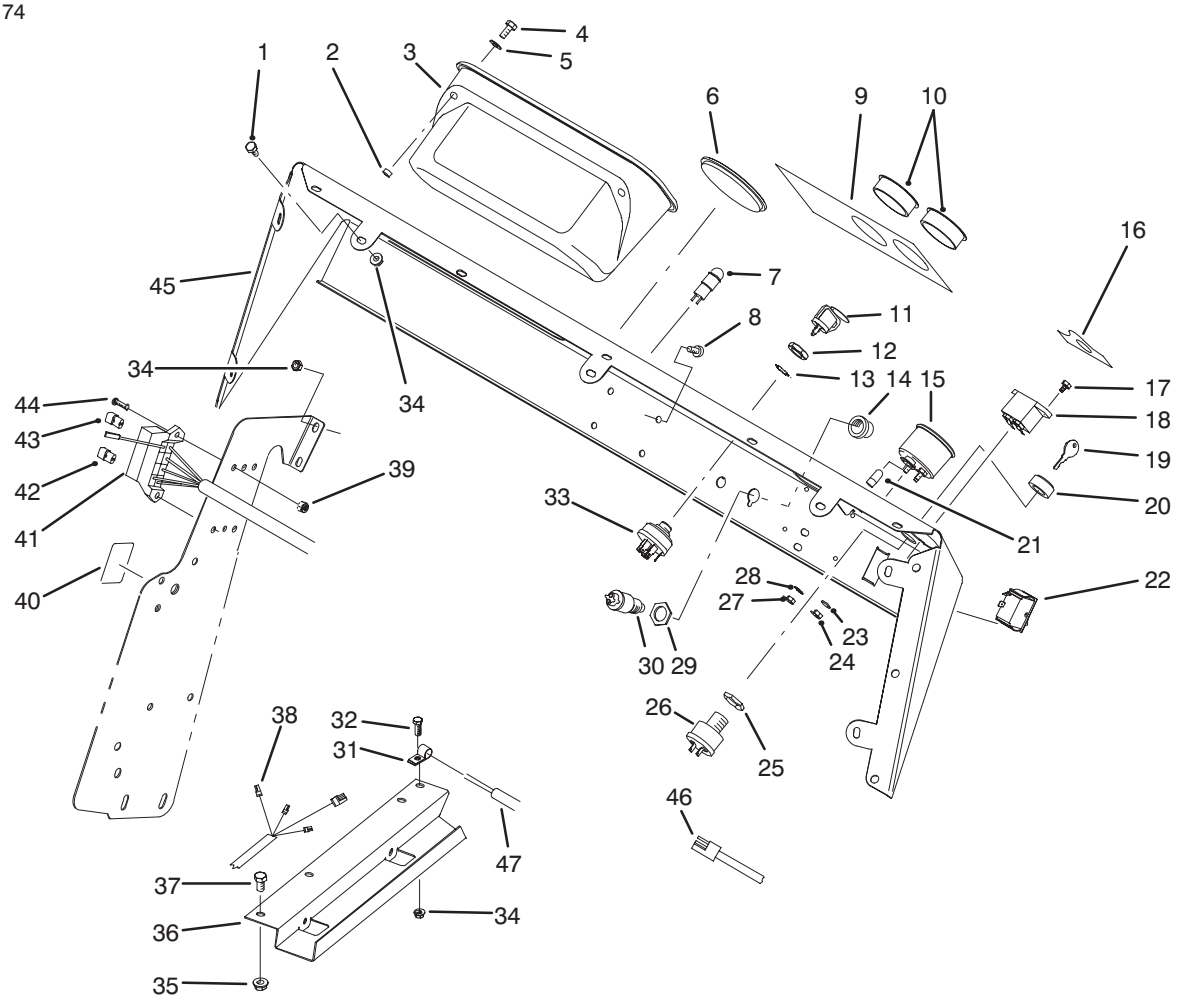
Ref. No.	Part No.	Description	No. Used
17	92–4197	Operators Platform Assy. (Incl. Ref. #18)	1
18	32148–7	Nut – Clinch	8
19	87–8130	Bracket – Trim Top	1
20	87–8160	Trim	1
21	116749	Horn Assembly	1
22	323–4	Screw – Cap Hex. Hd.	1
23	87–9330	Bracket – Mudflap LH	1
*	87–9340	Bracket – Mudflap RH	1
24	321–4	Screw – Cap Hex. Hd.	4
25	32128–33	Nut – Lock	4
26	87–9320	Mudflap	2
27	3250–13	Screw – Pan Hd.	4
28	146489	Rivet – Pop	8
29	3256–61	Washer – Flat	4
30	3296–2	Nut – Lock	4

*Not Illustrated

TPS

© The TORO Company – 1995

3317−174



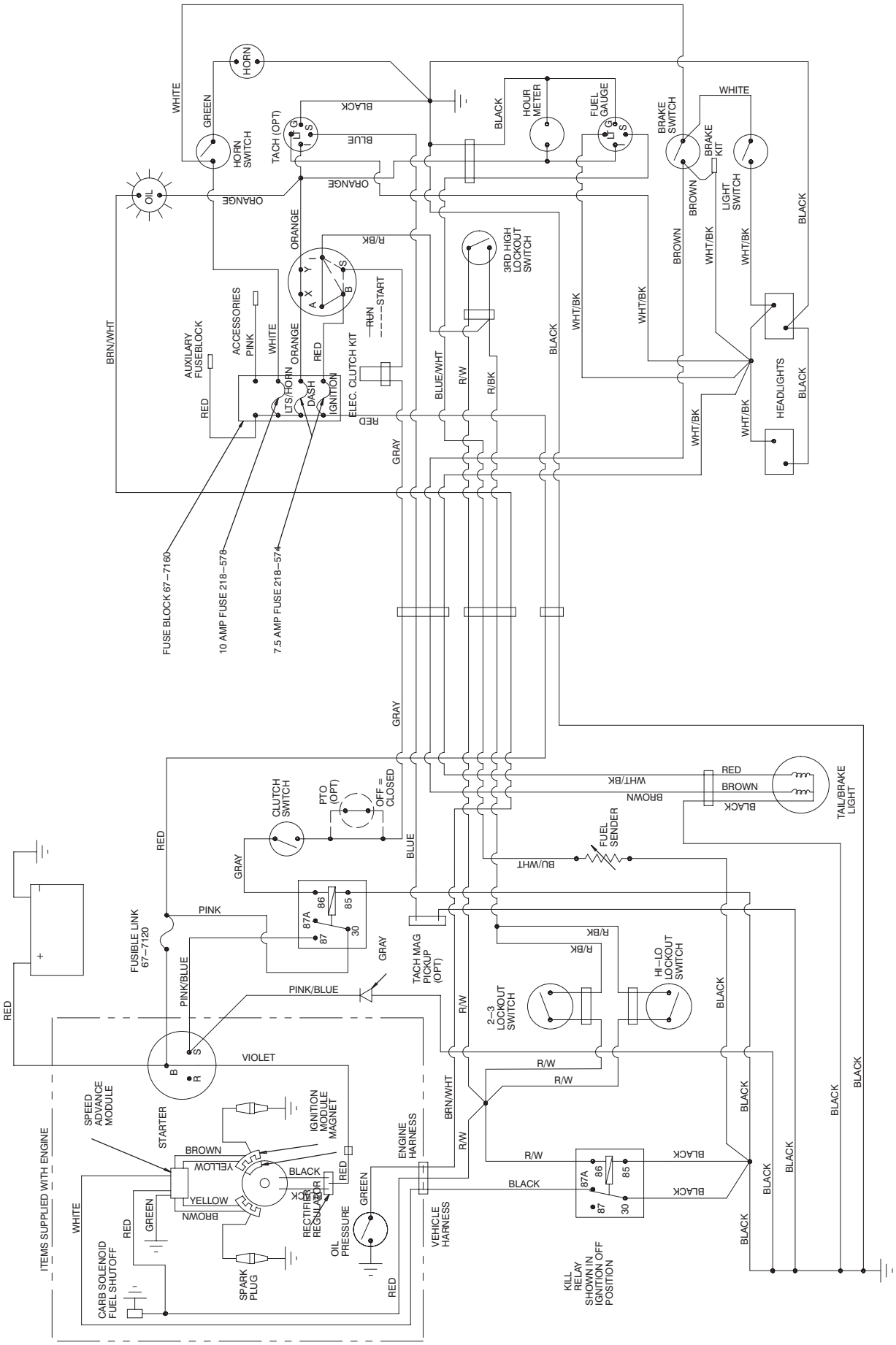
T−1729

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
25		Nut − Hex.	1

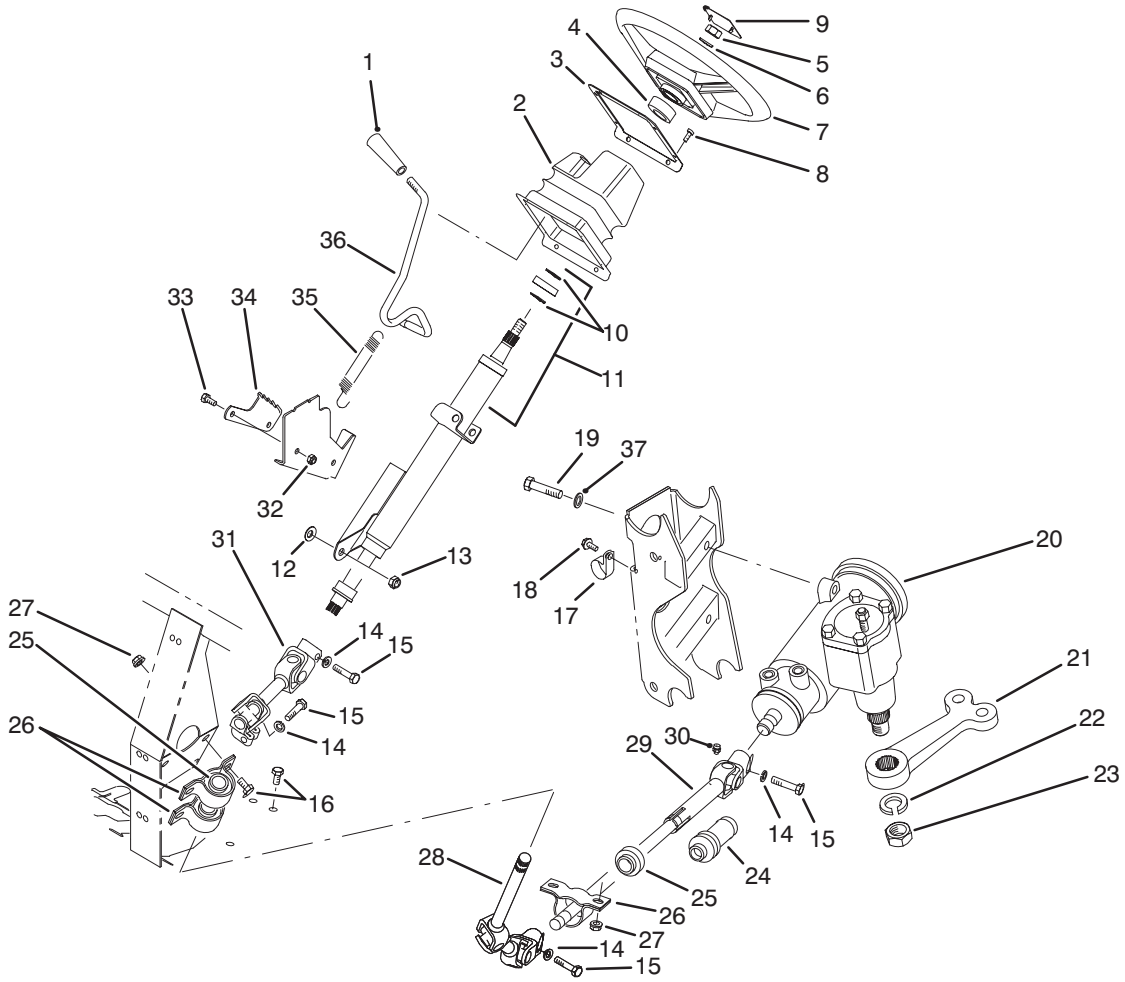
Ref. No.	Part No.	Description	No. Used
26	87−4030	Supervisor Switch Assy. (Incl. Ref. #19, 20 & 25)	1
27	3217−29	Nut − Hex.	3
28	3253−19	Washer − Lock	3
29		Nut − Hex.	1
30	18−2830	Horn Switch Assembly (Incl. Ref. #14 & 29)	1
31	2412−89	Clamp − R	1
32	321−4	Screw − Cap Hex. Hd.	1
33	27−2360	Ignition Switch Assembly (Incl. Ref. #12 & 13)	1
34	32128−33	Nut − Flange	12
35	32128−20	Nut − Flange	3
36	93−7094	Cover − Wire Harness	1
37	322−2	Screw − Cap Hex. Hd.	3
38	93−7131	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
46	87−4230	Harness − Wire Front LH	1
47	87−8590	Cable − Clutch	1

ELECTRICAL SCHEMATIC



T−2130

3317–174



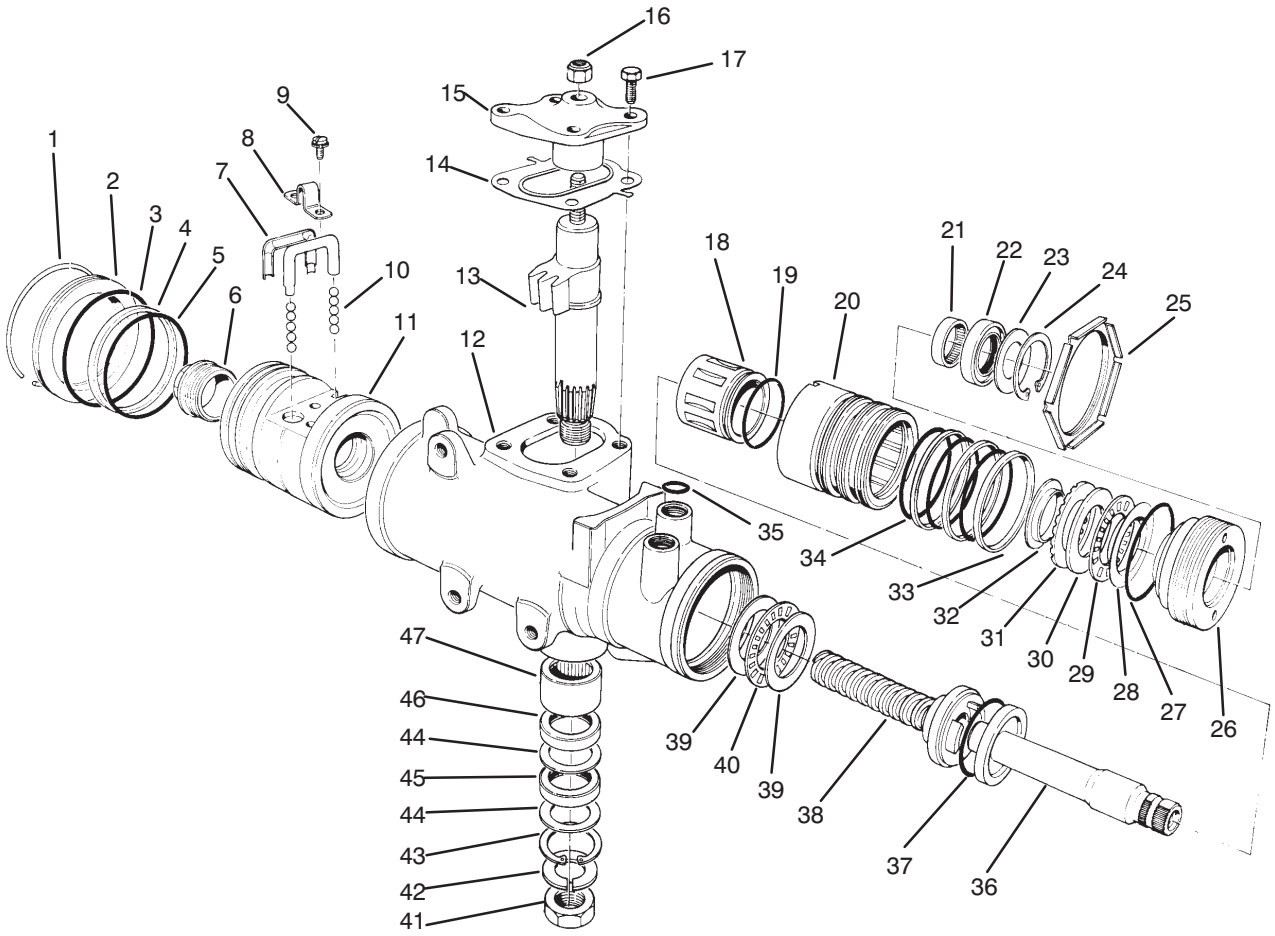
T–1584

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	93–7145	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	87–7480	Washer – Flat	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



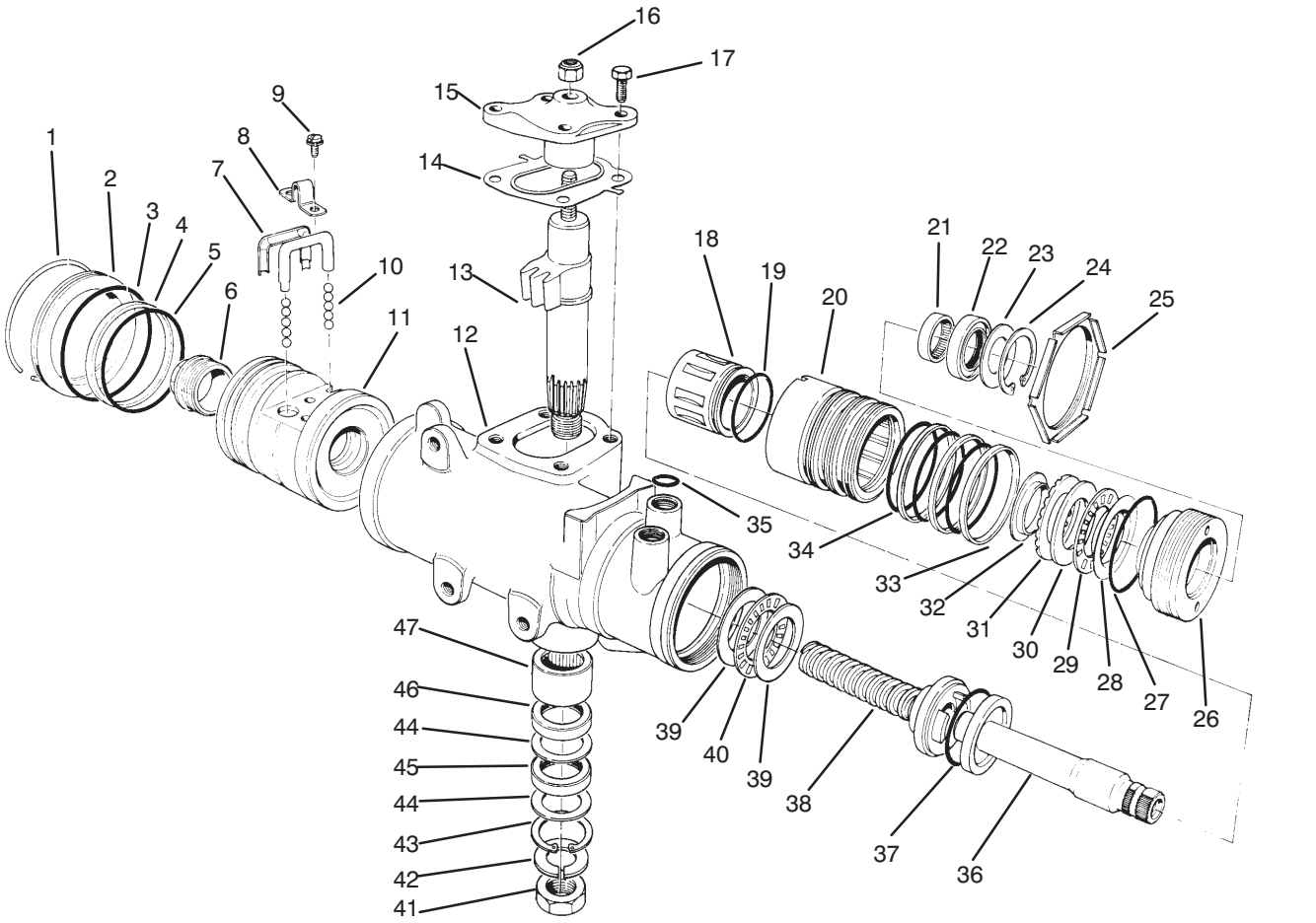
T—1580

STEERING GEAR ASSEMBLY NO. 87—1500

Ref. No.	Part No.	Description	No. Used
1		Ring — Retaining	1
2	92—4165	Plug — Housing End	1
3		Seal — Housing End Plug	1
4		Ring — Rack Piston	1
5		O—Ring, Rack Piston	1
6	18—4340	Plug — Rack Piston End	1
7	92—4168	Return — Guide Ball	2
8	18—4270	Clamp — Ball Return Guide	1
9	18—4260	Screw/Lockwasher Assy.	2
10	18—5190	Ball — Chrome Alloy	11
11		Nut — Rack Piston	1
12		Housing — Steering Gear	1
13		Gear — Pitman Shaft	1
14	28—8280	Seal Kit — Side Cover (Incl. Ref. #17)	1
15		Cover — Housing Side	1
16	28—8220	Nut — Lash Adjuster	1
17	28—8210	Bolt — Flange Hex. Hd.	4
18		Spool Valve	1
19		O—Ring, Spool Valve	1
20		Valve Body	1
21	92—4169	Bearing — Needle	1
22		Seal — Stub Shaft	1
23		Seal — Stub Shaft Dust	1
24		Ring — Retaining	1
25	92—4159	Nut — Adjuster Plug Lock	1

Ref. No.	Part No.	Description	No. Used
26		Plug — Adjuster	1
27	28—8200	O—Ring	1
28		Race — Upper Bearing	1
29		Bearing — Roller, Thrust	1
30		Race — Thrust Bearing	1
31		Spacer — Thrust Bearing	1
32		Retainer — Bearing	1
33		Ring — Valve Body	3
34		O—Ring	3
35	39—7310	O—Ring	3
36		Shaft — Stub	1
37		O—Ring	1
38		Worm — Steering	1
39		Race — Thrust Bearing	2
40		Bearing — Roller, Thrust	1
41	39—7440	Nut — Pitman Arm	1
42	39—7420	Washer — Lock	1
43		Ring — Retaining	1
44		Washer — Seal, Backup	2
45		Seal — Pitman Shaft	1
46		Seal — Pitman Shaft	1
47	92—4170	Bearing — Pitman Shaft	1
*	92—4161	Service Cover Assembly Housing Side (Incl. Ref. #14—17)	1

*Not Illustrated



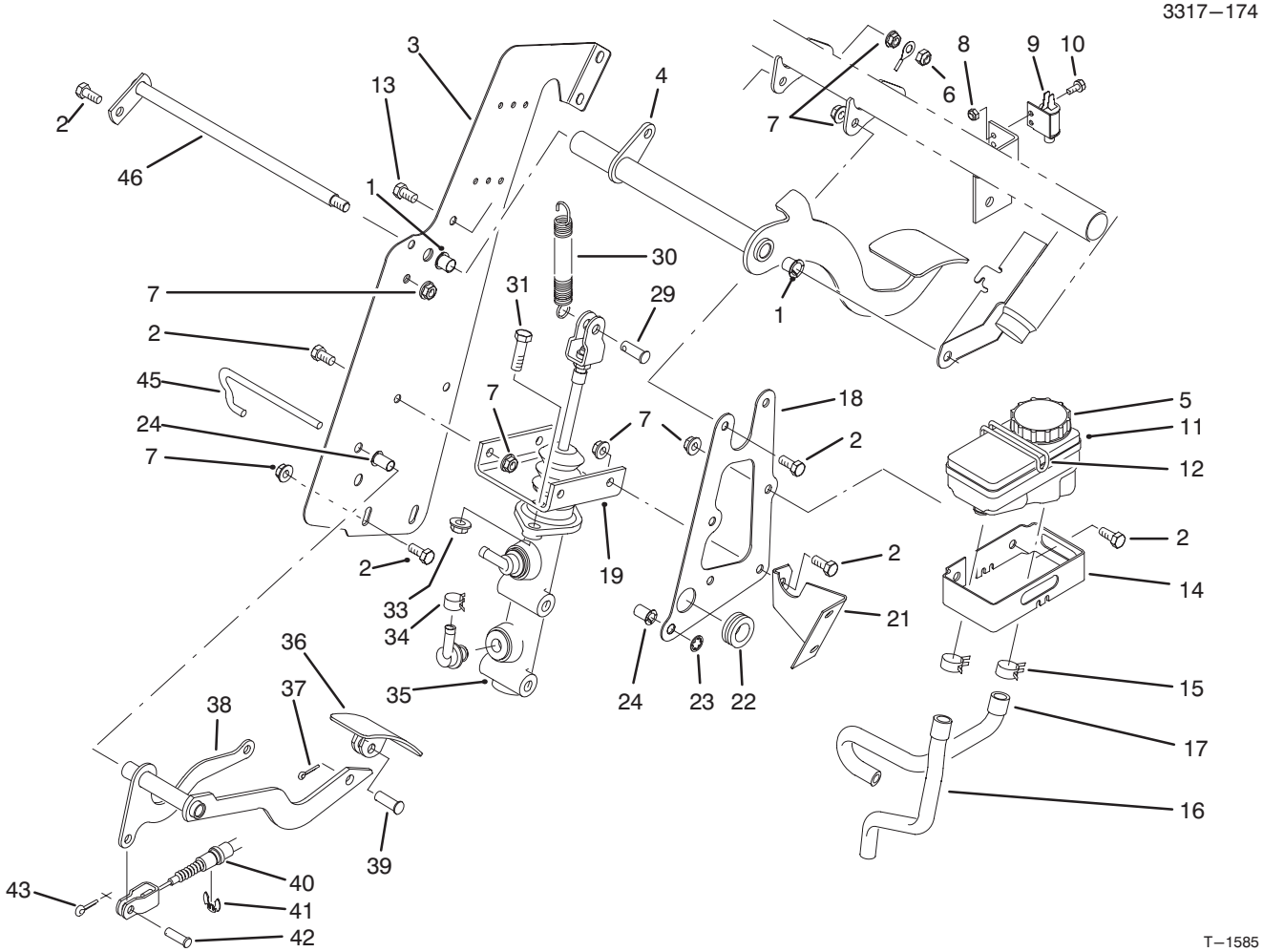
T—1580

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

*Not Illustrated

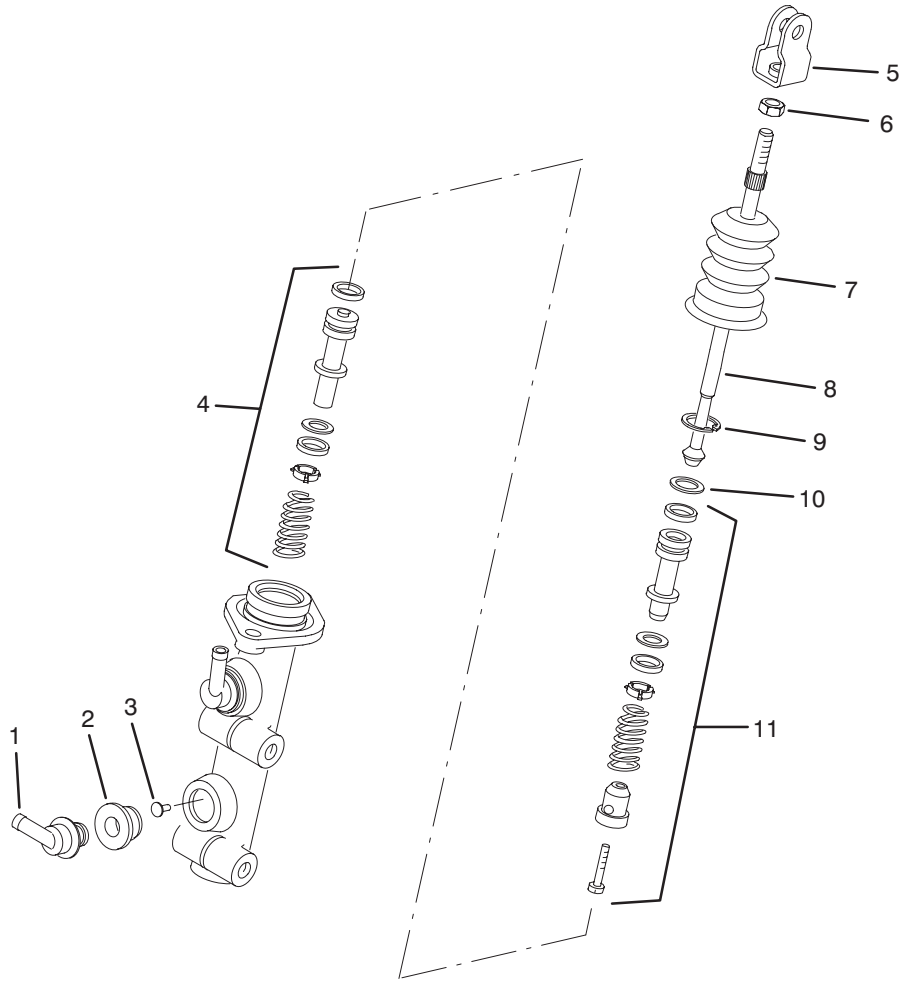


T—1585

BRAKE & ACCELERATOR PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	256—257	Bushing — Flange	2
2	322—2	Screw — Cap Hex. Hd.	12
3	87—2910	Support — Pedal RH	1
4	87—2540	Pedal — Brake	1
5	92—4112	Cap Assembly	1
6	3296—29	Nut — Lock	1
7	32128—20	Nut — Flange Lock	13
8	3296—2	Nut — Lock	2
9	55—7120	Switch — Brake Light	1
10	3290—321	Screw — Hex. Flange Hd.	2
11	87—3040	Brake Fluid Reservoir Assy. (Incl. Ref. #5)	1
12	87—7570	Retainer — Reservoir	1
13	322—5	Screw — Cap Hex. Hd.	1
14	87—2890	Cradle — Reservoir	1
15	2412—143	Clamp — Hose	2
16	87—0670	Hose — Reservoir Front	1
17	87—0660	Hose — Reservoir Rear	1
18	87—2660	Support — Pedal LH	1
19	87—2640	Support — Master Cylinder	1

Ref. No.	Part No.	Description	No. Used
21	87—2650	Gusset	1
22	240—6	Grommet	1
23	32151—56	Ring — Push—On	1
24	52—2890	Bushing — Flange	2
29	283—2	Pin — Clevis	1
30	21—1830	Spring — Extension	1
31	323—7	Screw — Cap Hex. Hd.	2
33	3290—357	Nut — Flange Lock	2
34	2412—144	Clamp — Hose	2
35	87—3030	Master Cylinder Assembly	1
36	87—2670	Pedal — Accelerator	1
37	3272—6	Pin — Cotter	1
38	87—4790	Arm — Accelerator Pedal	1
39	283—85	Pin — Clevis	1
40	87—7750	Cable — Accelerator	1
41	32120—47	Ring — E	1
42	283—30	Pin — Clevis	1
43	3272—10	Pin — Cotter	1
45	87—2880	Shaft — Accelerator Pedal	1
48	87—2590	Shaft — Brake Pedal	1

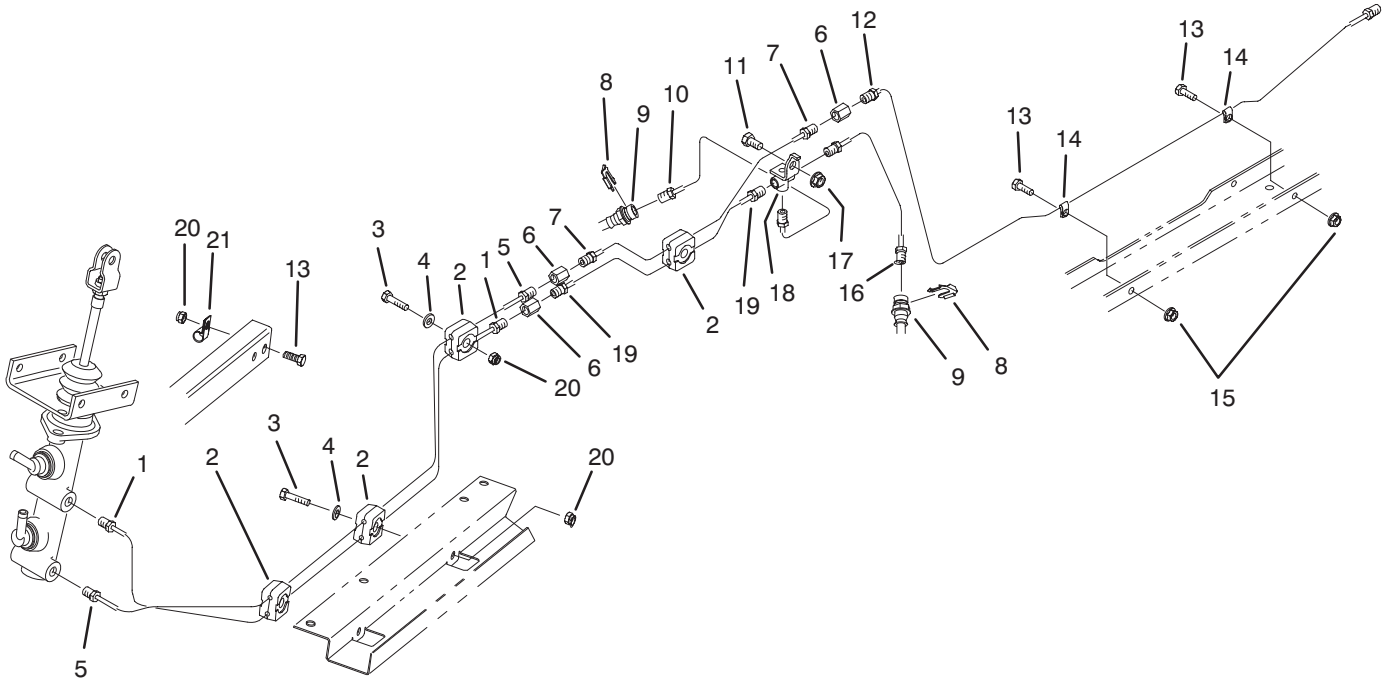


T–1586

MASTER BRAKE CYLINDER NO. 87–3030

Ref. No.	Part No.	Description	No. Used
1	92–4104	Adaptor – Pipe Fitting	2
2		Seal	2
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



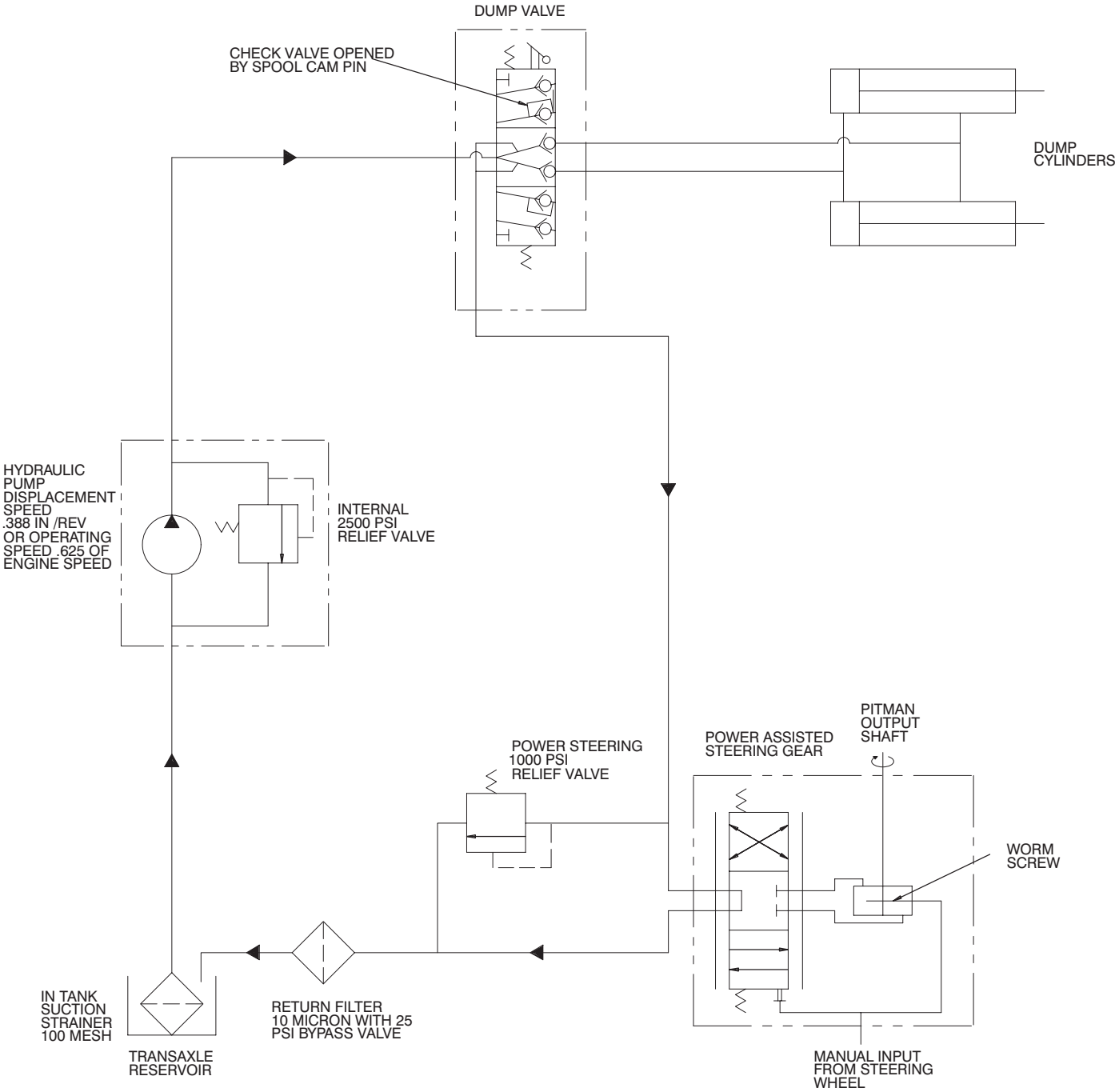
T—1587

HYDRAULIC BRAKE LINE ROUTING ASSEMBLY

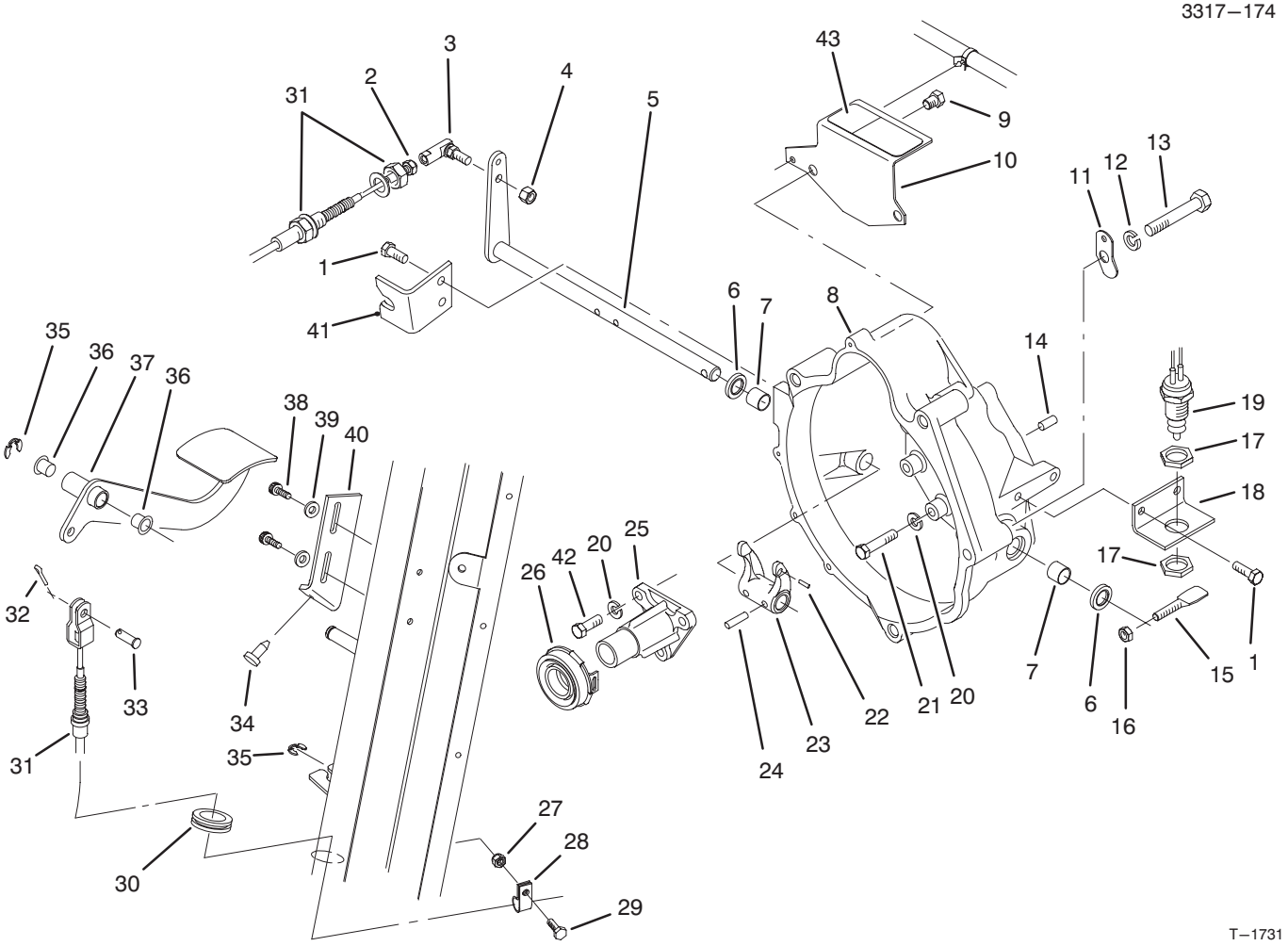
Ref. No.	Part No.	Description	No. Used
1	93—7083	Tube — Brake Front	1
2	87—7660	Clamp — Brake Line	8
3	321—9	Screw — Cap Hex. Hd.	4
4	3256—22	Washer — Flat	4
5	93—7084	Tube — Brake Rear	1
6	87—3570	Fitting — Union	3
7	93—7086	Tube — Brake Rear	1
8	87—3580	Retainer — Brake Hose	2
9	93—7123	Hose — Brake Front	2
10	93—7081	Tube — Brake Front RH	1
11	322—2	Screw — Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
12	93—7087	Tube — Brake Rear	1
13	321—4	Screw — Cap Hex. Hd.	3
14	2412—149	R—Clamp	2
15	32128—33	Nut — Flange Head	2
16	93—7082	Tube — Brake Front LH	1
17	32128—20	Nut — Flange	1
18	87—3560	Tee — Brake Line	1
19	93—7085	Tube — Brake Front	1
20	3296—42	Nut — Lock	5
21	2412—89	Clamp — R	1

HYDRAULIC SCHEMATIC



T—1626



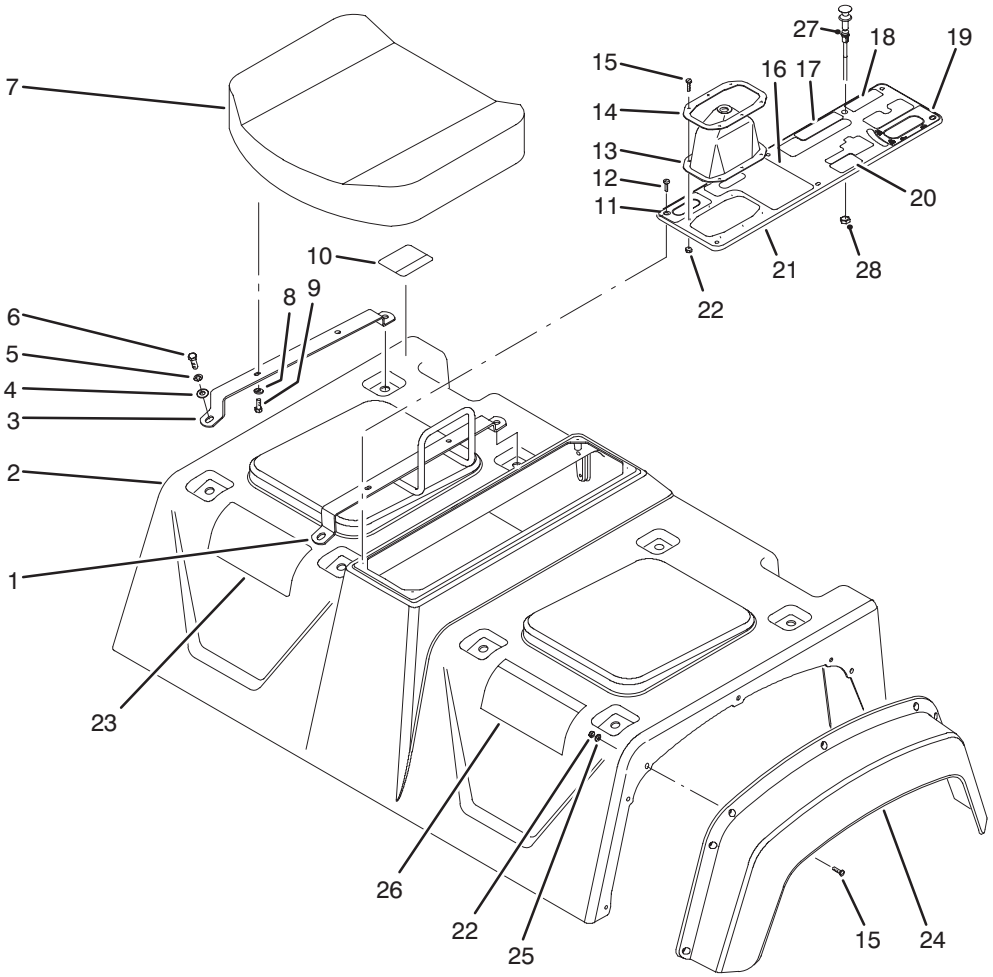
T—1731

CLUTCH LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66—3160	Screw — Cap Hex. Hd.	4
2	3220—2	Nut — Jam	1
3	2411—33	Joint — Ball	1
4	3296—4	Nut — Lock	1
5	87—5290	Shaft — Release	1
6	87—1920	Seal — Shaft	2
7	87—3770	Bushing — Sleeve	2
8	93—7121	Housing — Bell	1
9	60—9920	Screw — Cap Hex. Hd.	2
10	87—8790	Starter Cover Plate Assy. (Incl. Ref. #43)	1
11	87—6410	Bracket — Harness	1
12	3253—22	Washer — Lock	4
13	56—2150	Screw — Cap Hex. Hd.	4
14	87—1910	Pin — Alignment	2
15	87—5360	Lever	1
16	3296—29	Nut — Lock	1
17	3218—20	Nut — Jam	2
18	87—5350	Bracket — Switch	1
19	87—5490	Switch — Neutral	1
20	42—9850	Washer — Lock	12
21	42—9530	Screw — Cap Hex. Hd.	9
22	32121—7	Pin — Roll	1

Ref. No.	Part No.	Description	No. Used
23	87—5300	Fork — Clutch	1
24	32121—24	Pin — Roll	2
25	87—5320	Guide — Release	1
26	87—2100	Bearing — Release	1
27	32128—33	Nut — Flange Lock	1
28	2412—89	Clamp — R	1
29	321—4	Screw — Cap Hex. Hd.	1
30	240—5	Grommet	1
31	87—8590	Clutch Cable Assembly (Incl. Ref. #2)	1
32	3272—10	Pin — Cotter	1
33	283—30	Pin — Clevis	1
34	87—8460	Bumper	1
35	32120—47	Ring — E	2
36	256—257	Bushing — Flange	2
37	87—2610	Pedal — Clutch	1
38	87—6620	Screw — Torx Pan Hd.	2
39	3256—22	Washer — Flat	2
40	87—8710	Tab — Clutch	1
41	87—8471	Bracket — Clutch	1
42	57—6380	Screw — Cap Hex. Hd.	3
43	66—6840	Decal — Hot Surface	1

3317–174

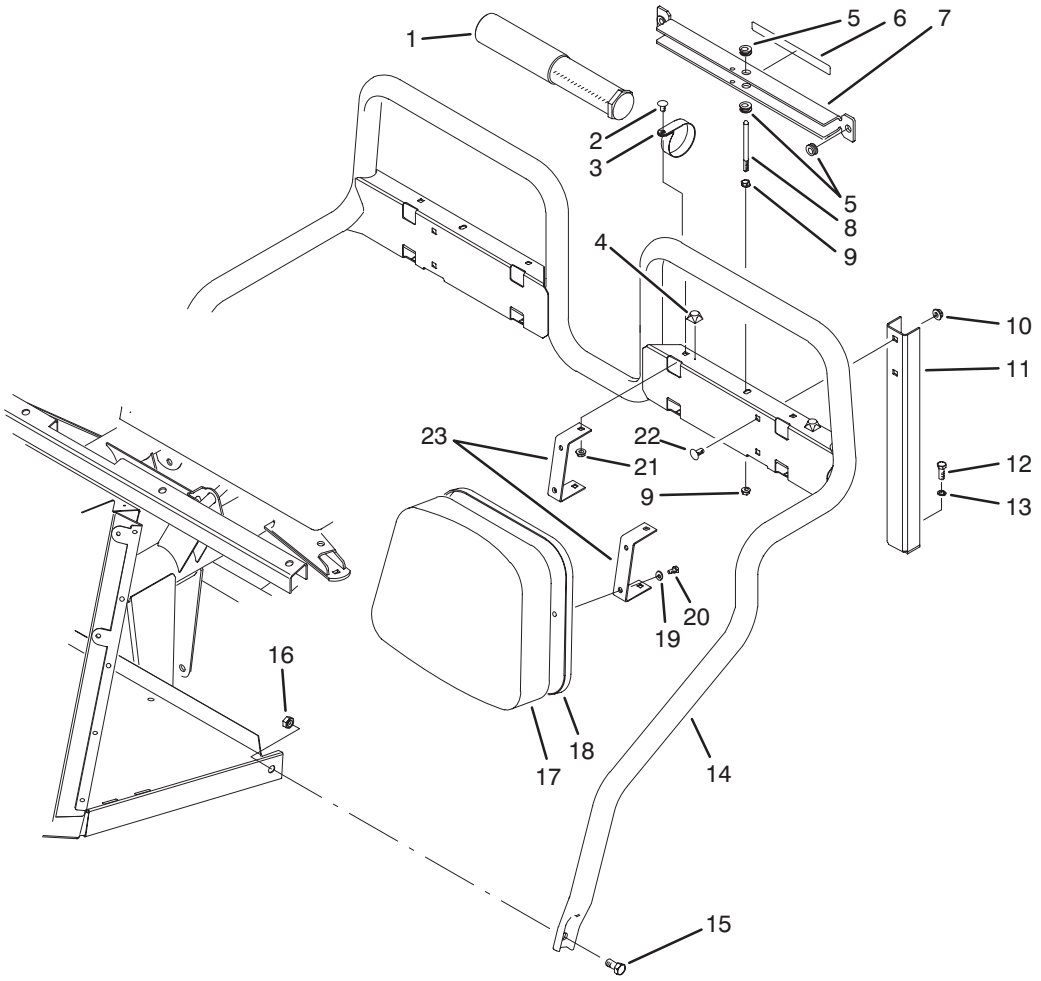


T–1589

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	93–8990	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



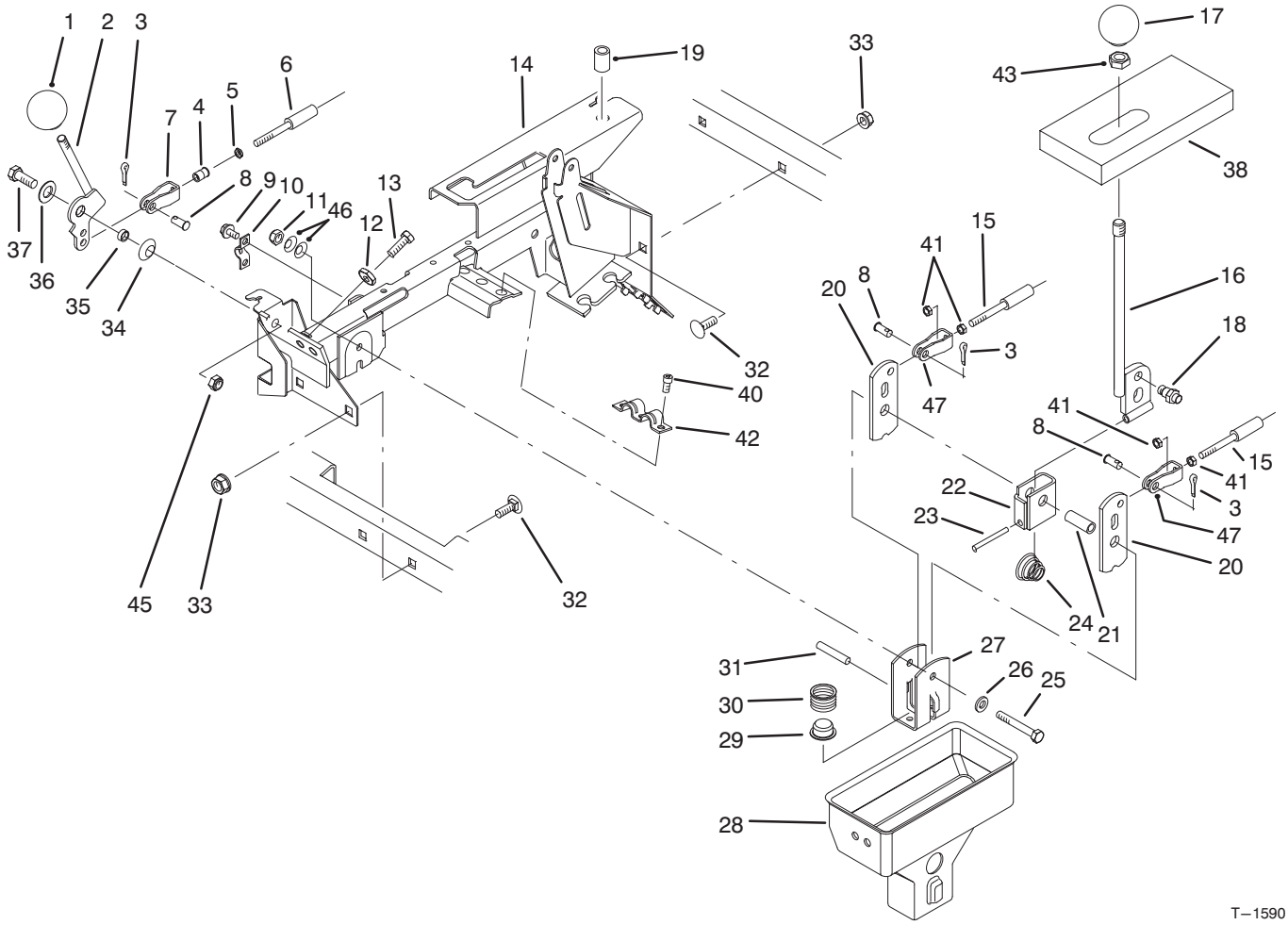
T—1779

SEAT BACK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74—0720	Tube — Manual	1
2	3230—18	Bolt — Carriage	2
3	2412—133	R—Clamp	2
4	111071	Bumper	2
5	92—5972	Grommet	4
6	87—7930	Decal — Danger	1
7	87—7950	Bed Support Assembly (Incl. Ref. #5 & 6)	1
8	87—7940	Stud	1
9	32128—44	Nut — Flange Lock	2
10	3290—357	Nut — Flange Lock	4
11	87—2510	Bracket — Seat Frame	2

Ref. No.	Part No.	Description	No. Used
12	323—6	Screw — Cap Hex. Hd.	2
13	3253—21	Washer — Lock	2
14	87—6170	Frame — Seat	1
15	325—4	Screw — Cap Hex. Hd.	2
16	3296—23	Nut — Lock	2
17	87—6290	Cushion — Seat Back	2
18	87—6280	Plate — Seat Back	2
19	3256—22	Washer — Flat	8
20	321—4	Screw — Cap Hex. Hd.	8
21	32128—20	Nut — Flange Lock	8
22	3231—21	Bolt — Carriage	4
23	87—6240	Bracket — Seat Back	4

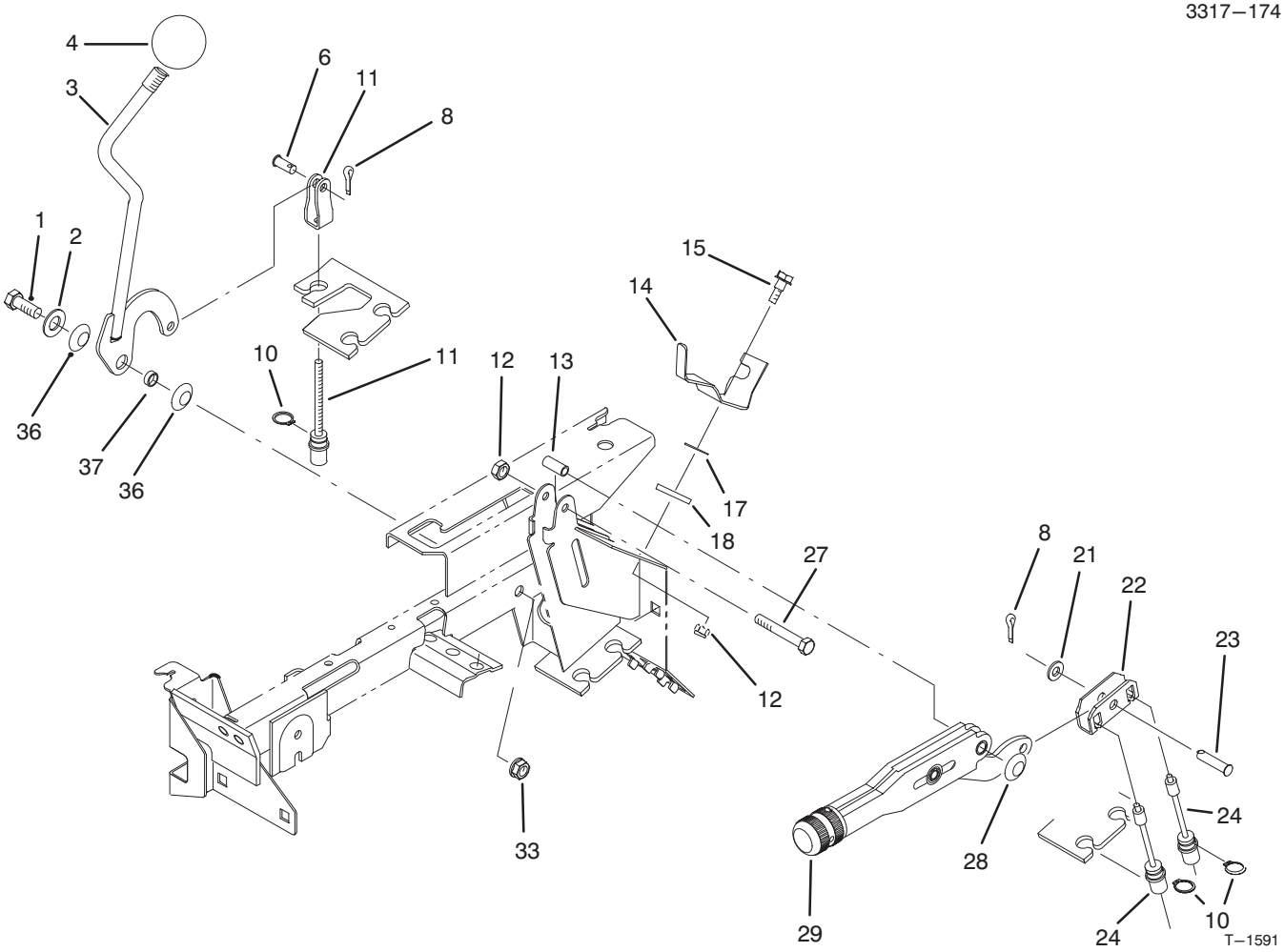
3317–174



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

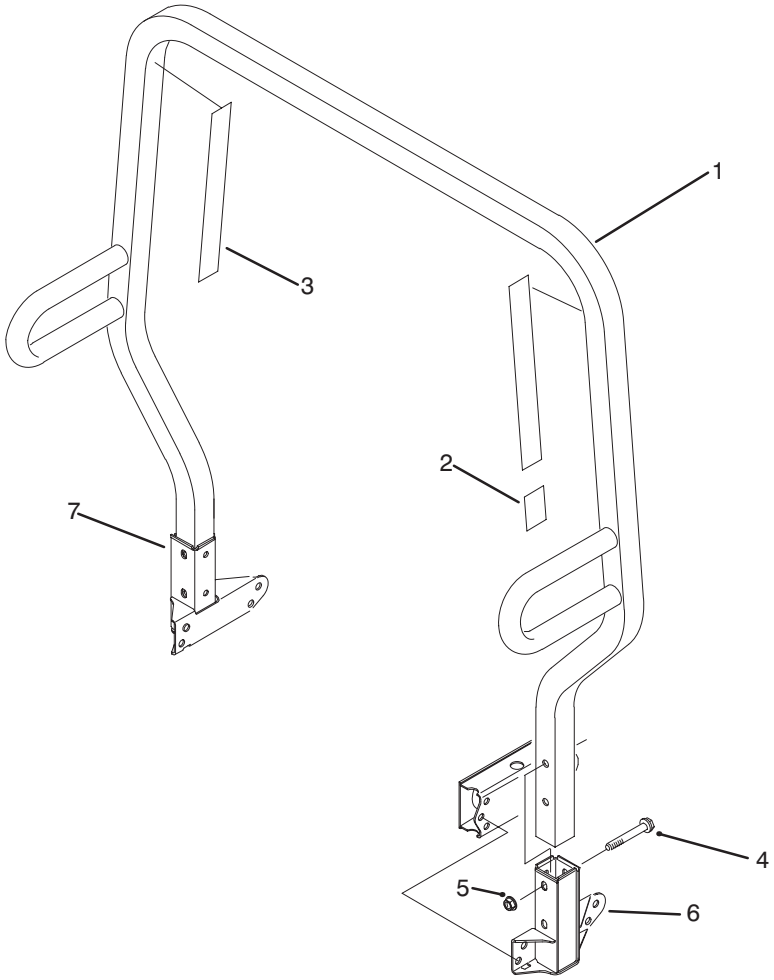


DIFFERENTIAL LOCK & PARKING BRAKE ASSEMBLIES

Ref. No.	Part No.	Description	No. Used
1	323—6	Screw — Cap Hex. Hd.	1
2	49—9150	Washer — Flat	1
3	87—5030	Lever — Differential Lock	1
4	233—48	Knob	1
6	283—62	Pin — Clevis	1
8	3272—10	Pin — Cotter	2
10	32120—47	Ring — Retaining	3
11	87—4460	Differential Lock Cable	1
12	3296—42	Nut — Lock	2
13	87—4710	Spacer — Parking Brake	1
14	87—6640	Lever — Dump Stop	1
15	42—3560	Screw — Shoulder	1

Ref. No.	Part No.	Description	No. Used
17	3290—478	Washer — Belleville	1
18	71—5320	Washer — Flat	1
21	3256—23	Washer — Flat	1
22	87—3480	Plate — Brake Equalizer	1
23	283—14	Pin — Clevis	1
24	87—8240	Cable — Parking Brake	2
27	321—9	Screw — Cap Hex. Hd.	1
28	3290—477	Washer — Curved	1
29	87—2710	Lever — Parking Brake	1
33	3296—39	Nut — Lock	1
36	3290—221	Washer — Spring	2
37	76—2290	Spacer	1

3317−174

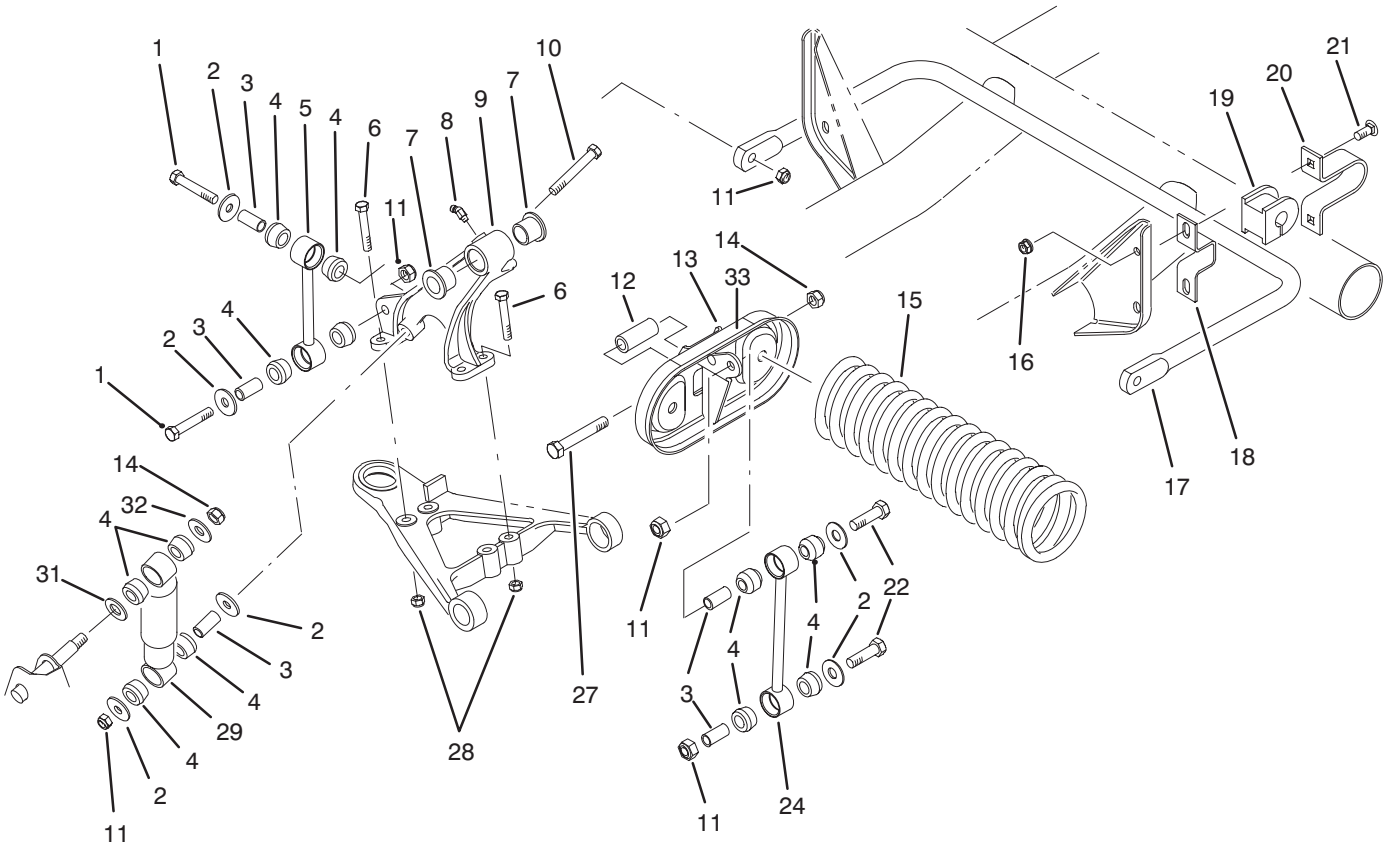


T−1592

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

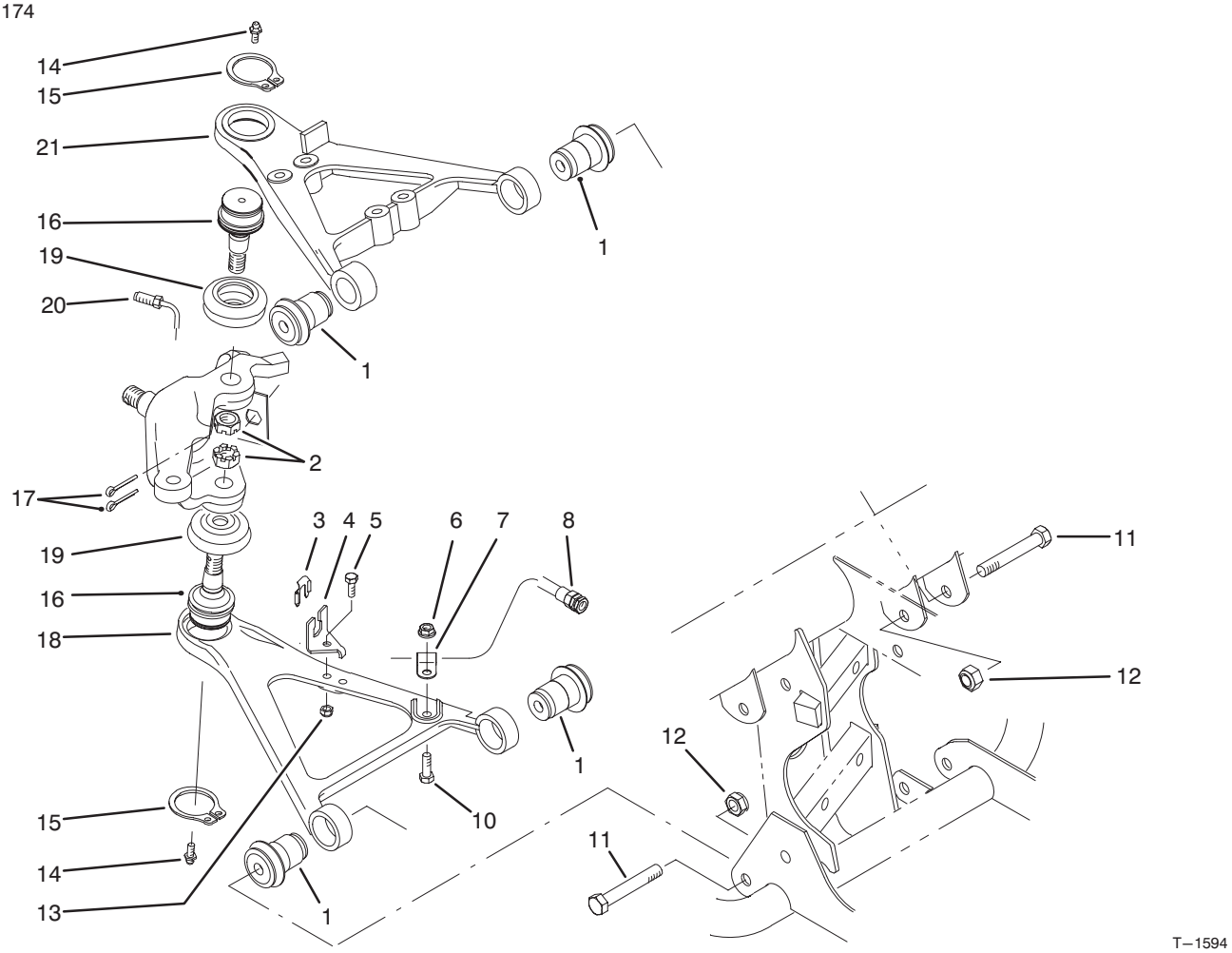
FRONT SUSPENSION ASSEMBLY

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

3317–174



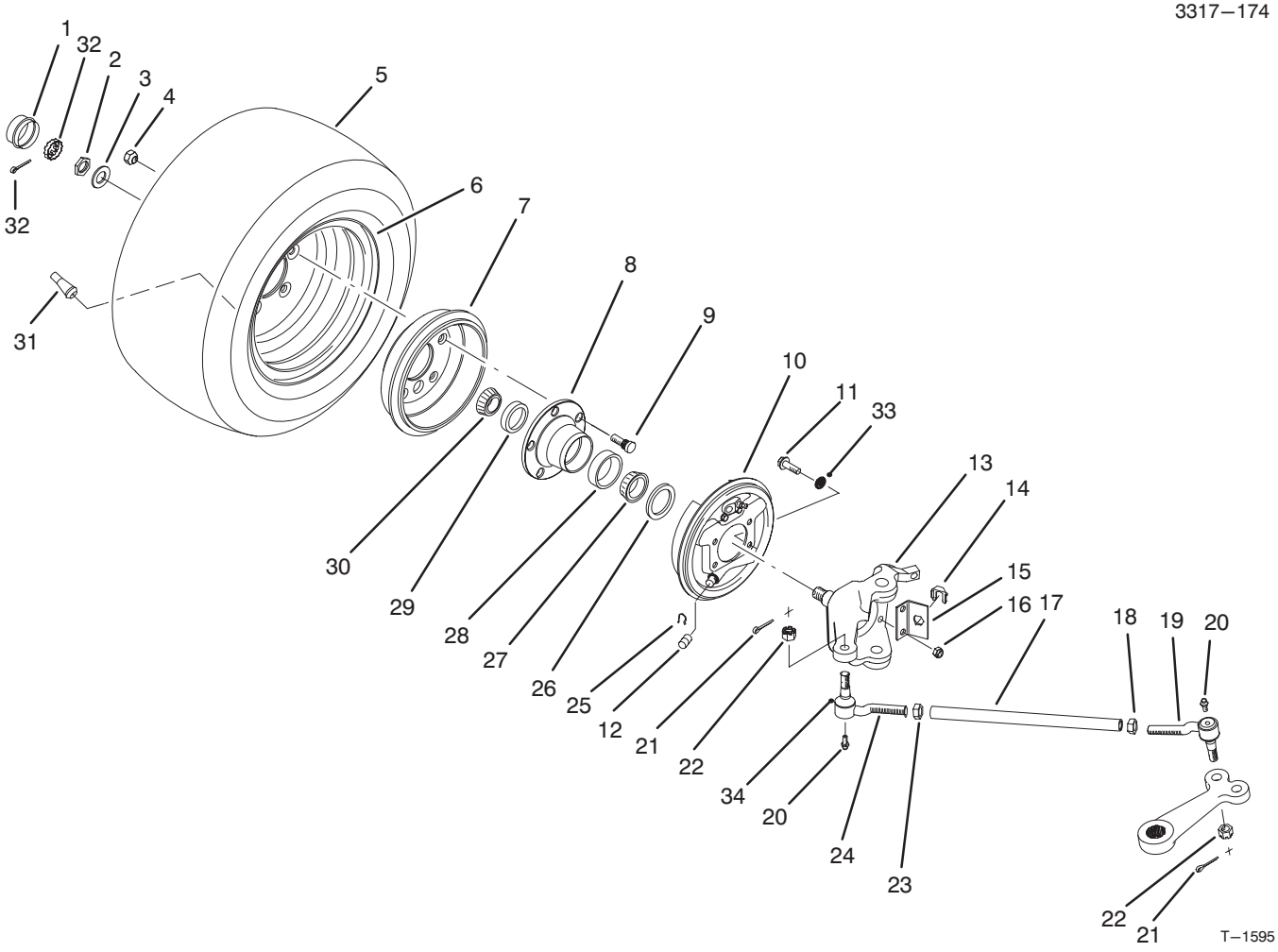
T–1594

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	93–7123	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	93–7135	Arm – Control Upper RH	1
*	93–7133	Arm – Control Upper LH	1

*Not Illustrated



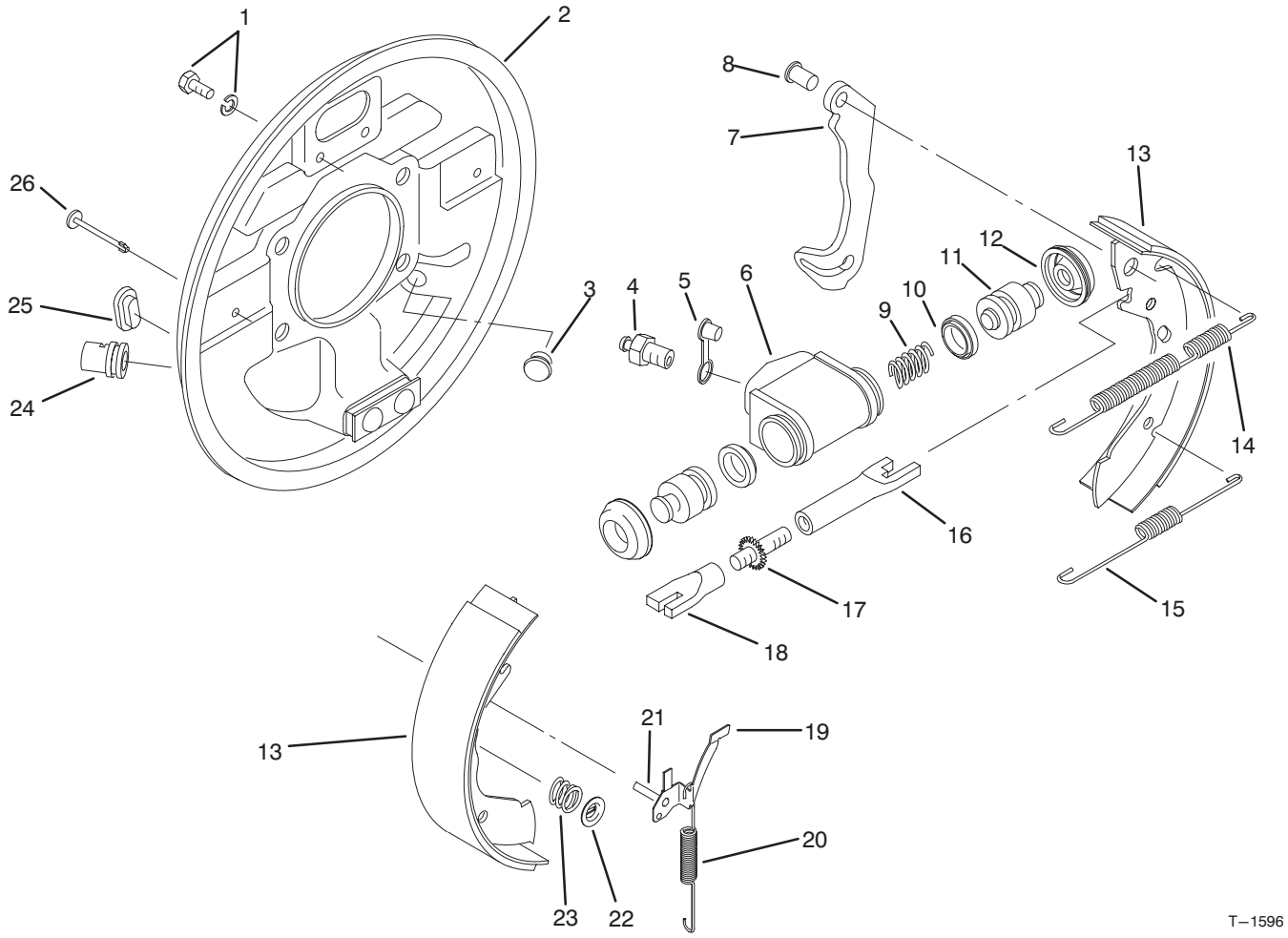
FRONT WHEEL ASSEMBLY

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

3317–174

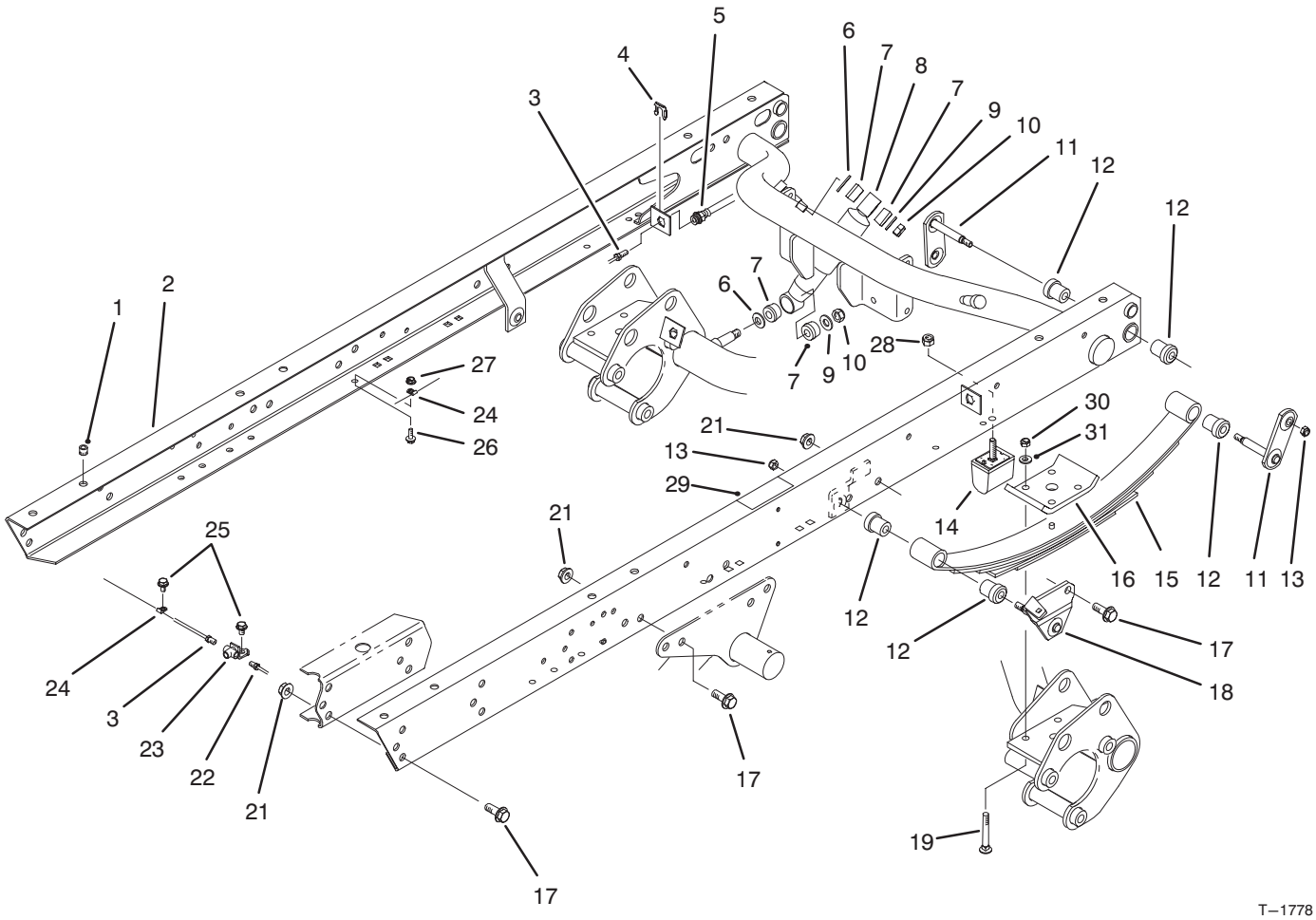


FRONT BRAKE ASSEMBLY

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 (Inc. 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

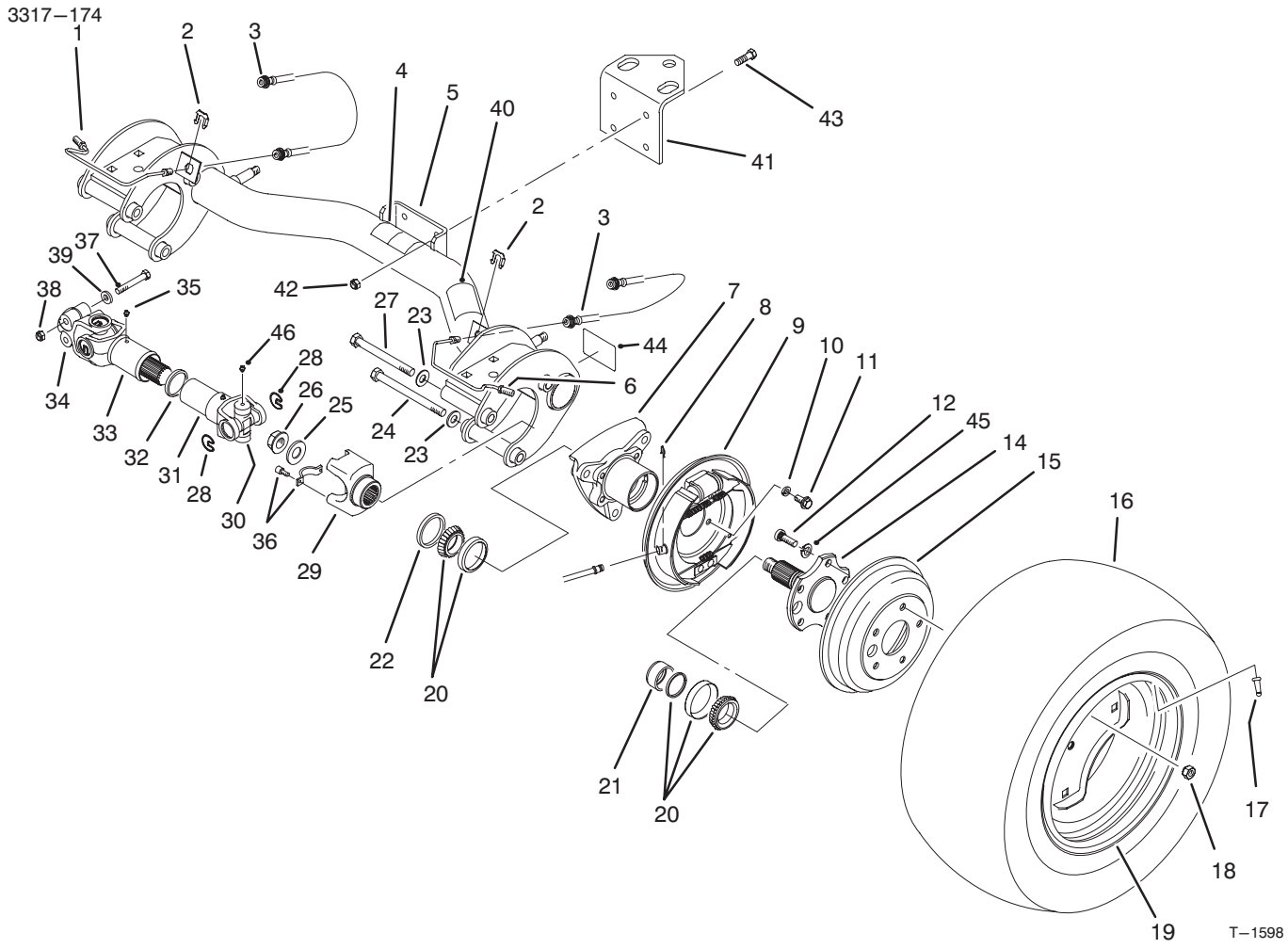


REAR FRAME ASSEMBLY

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

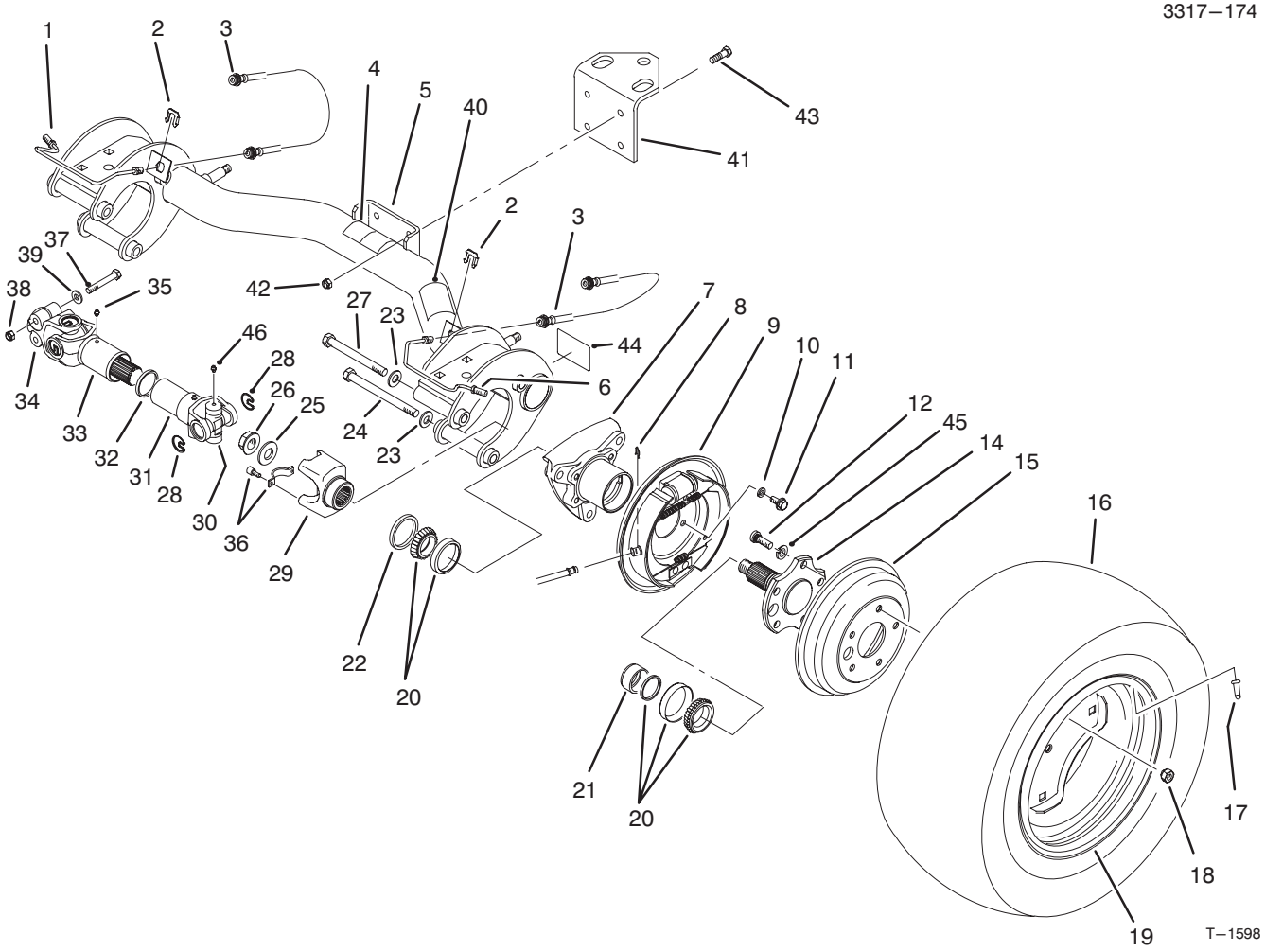


REAR AXLE ASSEMBLY

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	87–2080	Stud – Drive	10
14	93–7090	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	92–4190	Yoke – End	2
30	92–4187	Cross & Bearing Kit	4
31	92–4182	Yoke & Hub	2
32	92–4180	Seal	2
33	92–4179	Yoke, Shaft & Seal Tube	2
34	92–4177	Yoke – Double Clamp	2
35	302–5	Fitting – Grease	2
36	92–4189	Strap & Bolt Kit	4
37	87–8700	Screw – Cap Hex. Hd.	4
38	32128–36	Nut – Lock	4
39	80–6990	Washer	4
40	87–5990	Decal – PTO	1
41	92–5951	Angle – Hitch	1
42	3296–39	Nut – Lock	4
43	323–7	Screw – Cap Hex. Hd.	4
44	87–9080	Decal – Grease	2
45			

*Not Illustrated



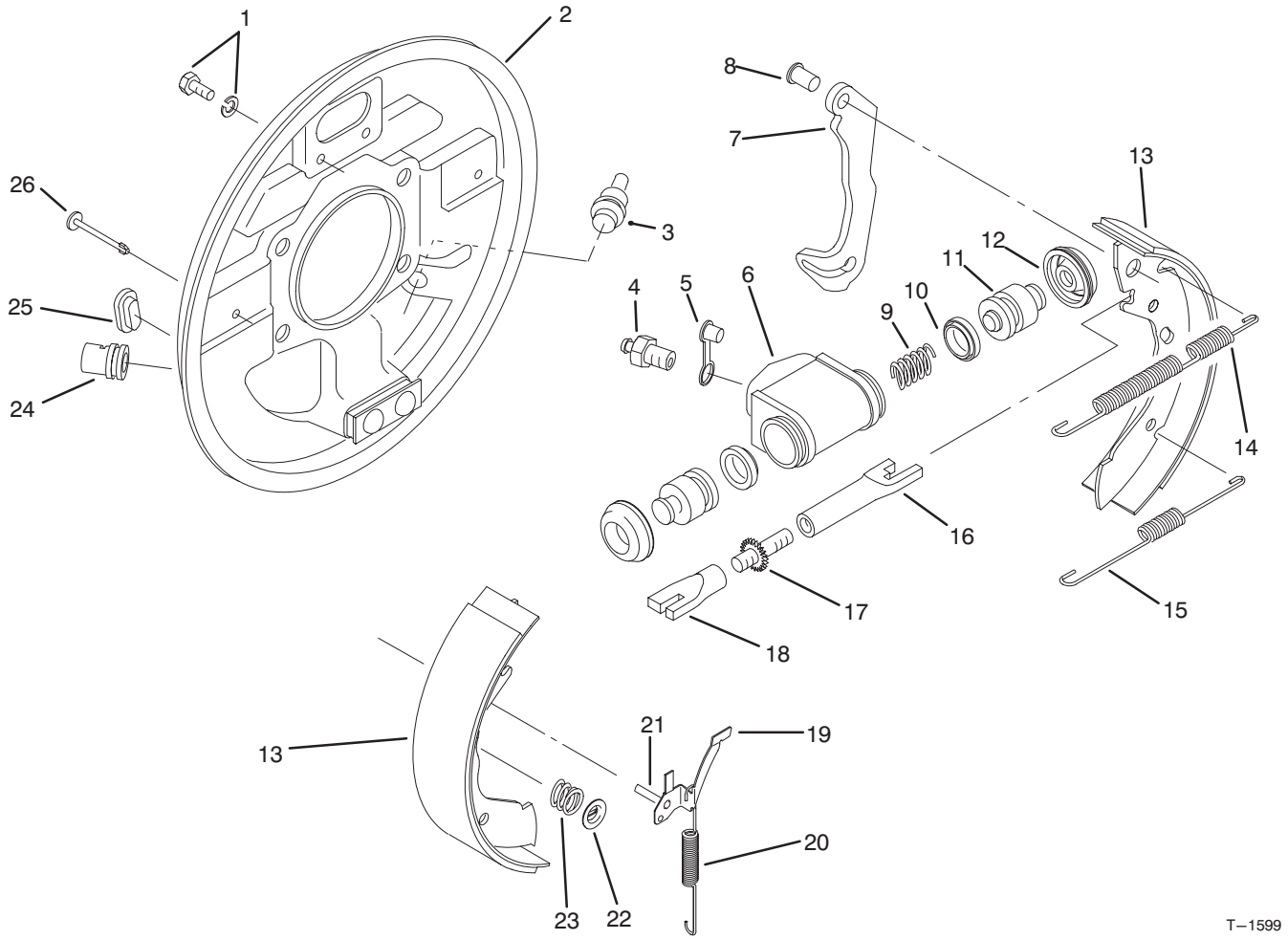
REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	3253–6	Washer – Lock	10
46	302–58	Fitting – Grease	16
*	93–7124	Driveshaft Assembly (Incl. Ref. #28–36 & 46)	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

3317–174



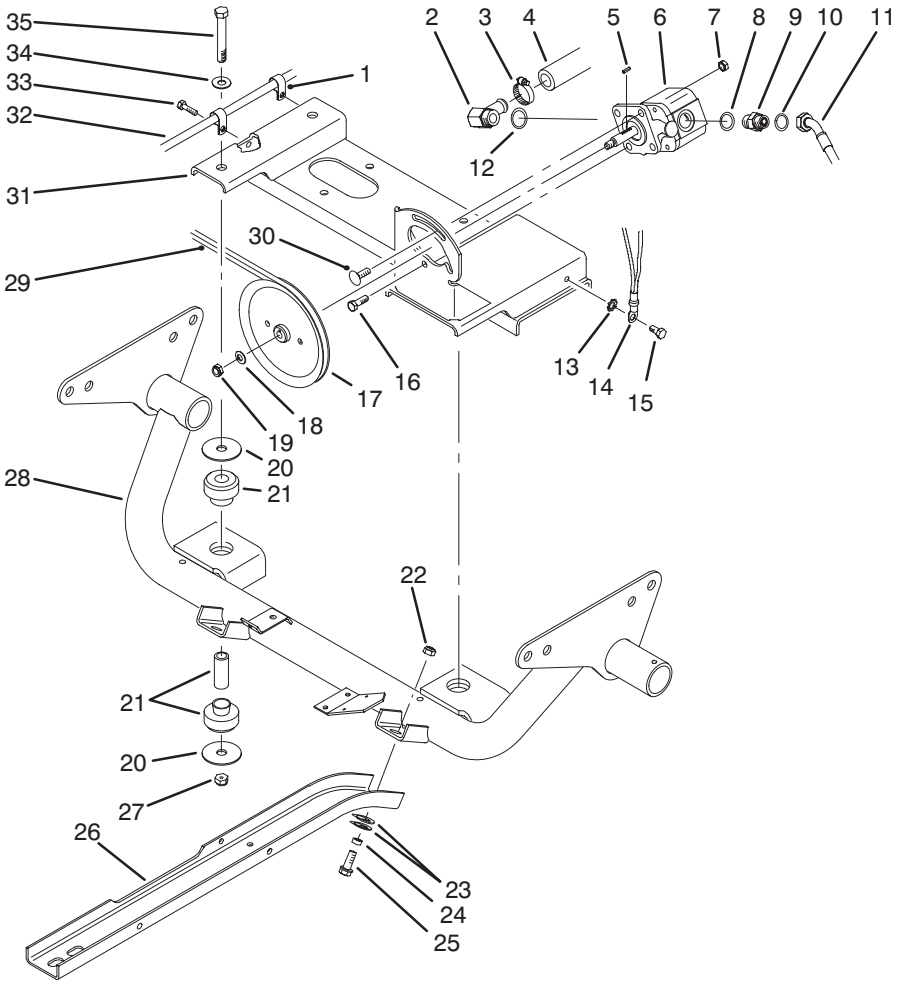
T–1599

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 (Inc. 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)	
*	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

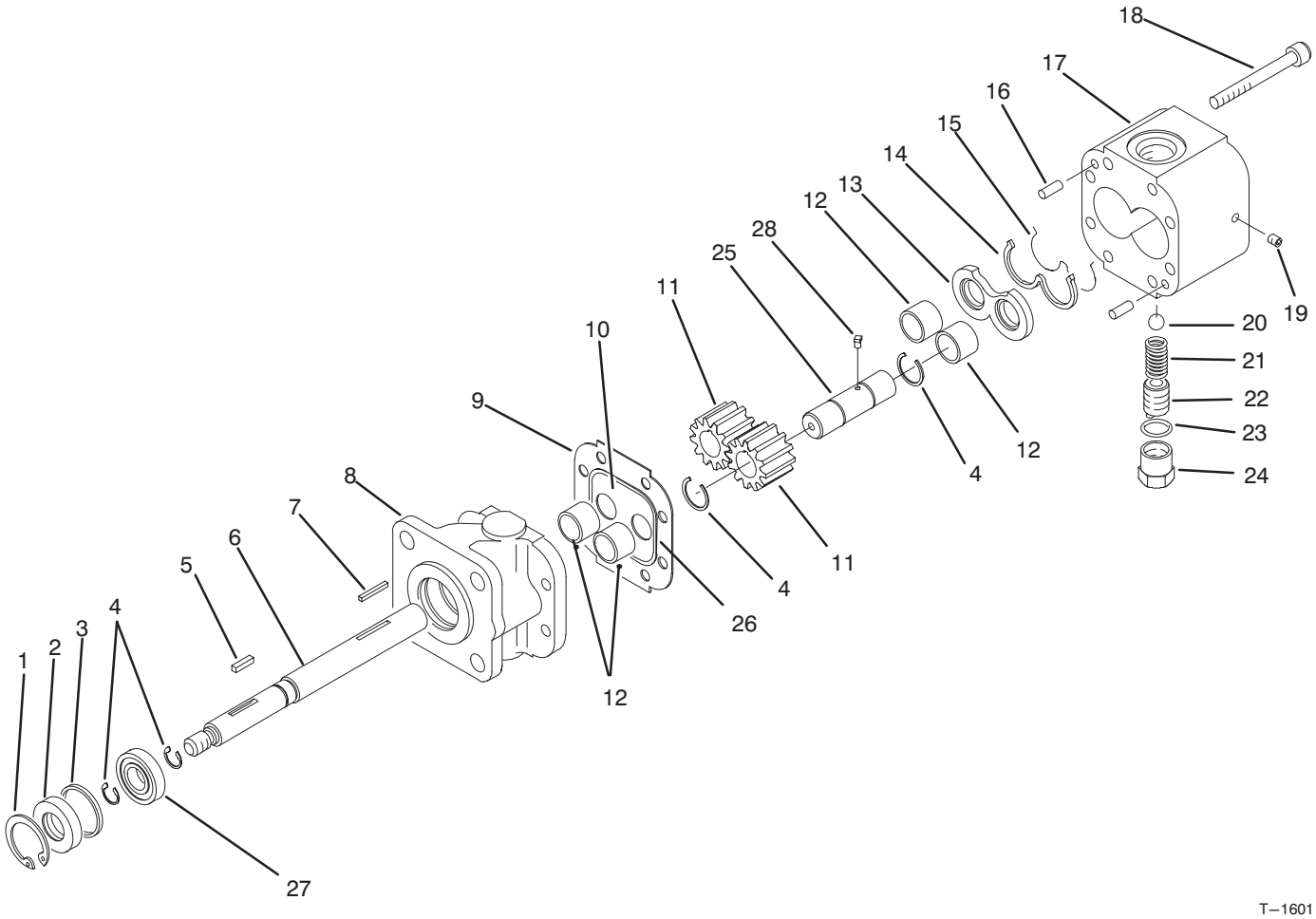


T—1735

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	93—7095	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

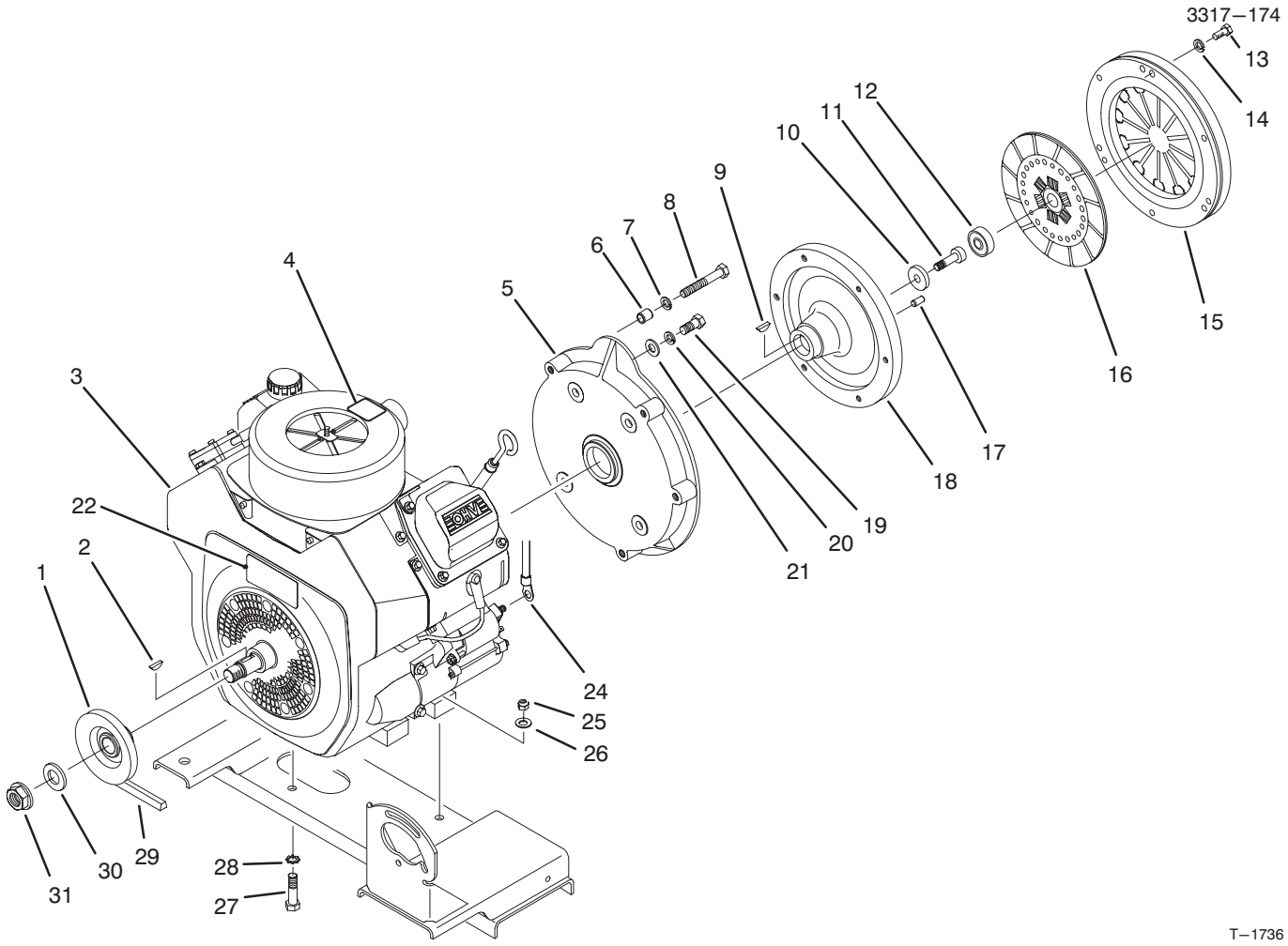


T–1601

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

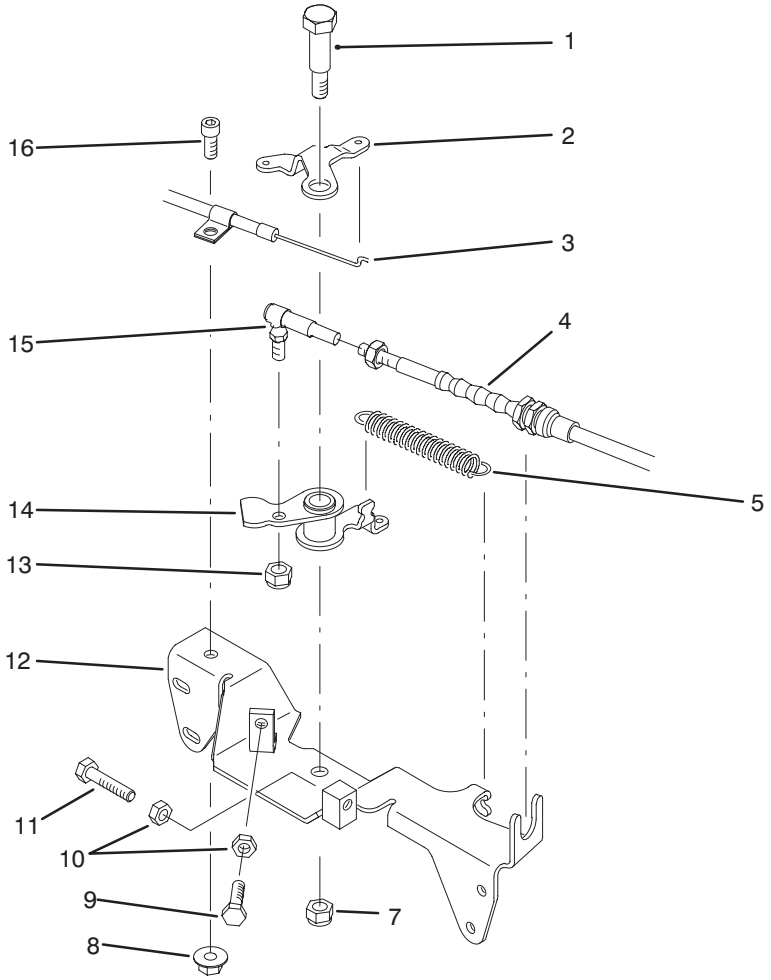


T—1736

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

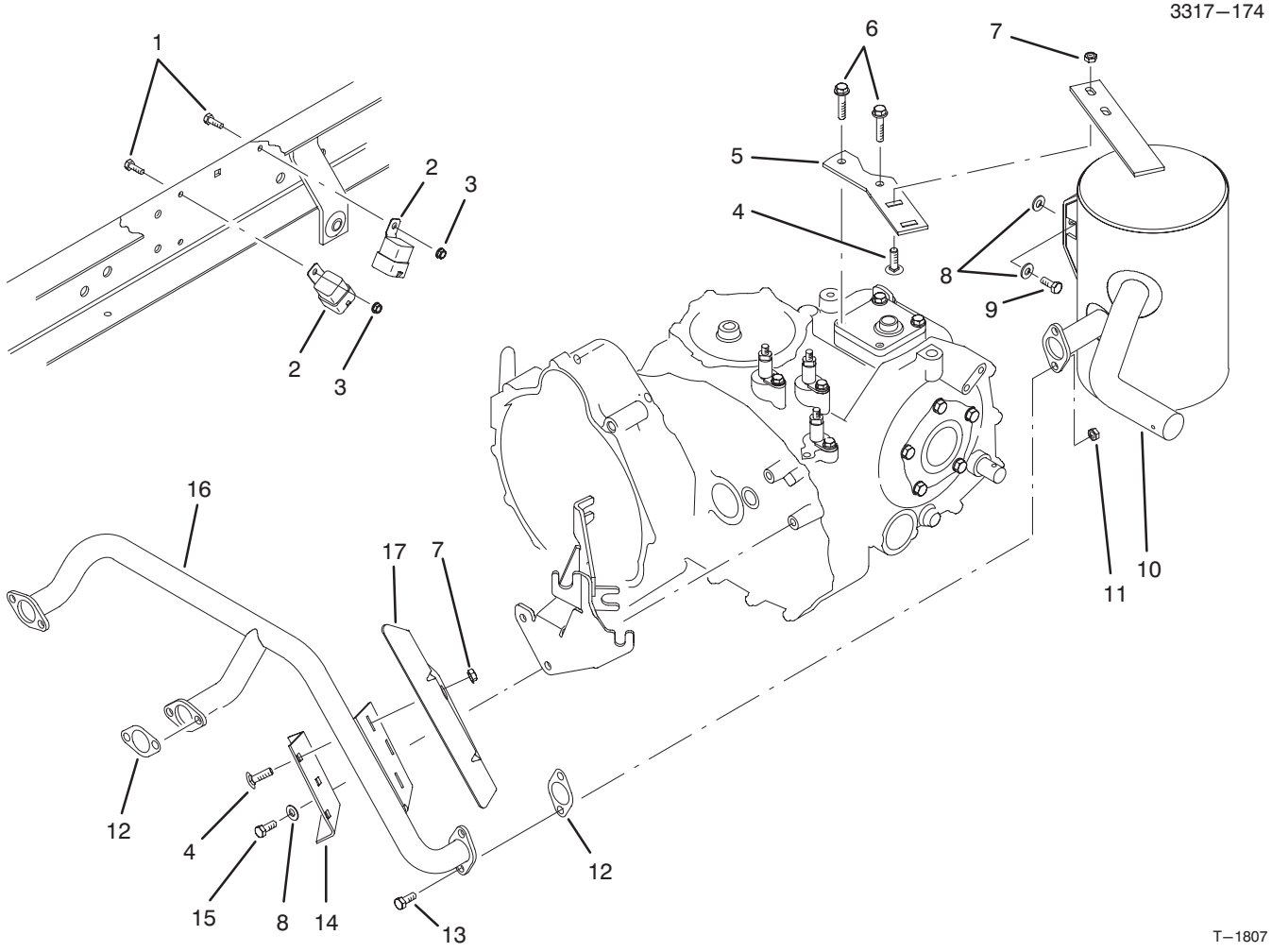


T—1802

THROTTLE LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7—0030	Bolt — Shoulder	1
2	87—7790	Lever — Choke	1
3	87—8060	Cable — Choke	1
4	87—7750	Cable — Accelerator	1
5	67—1450	Spring — Extension	1
7	3296—29	Nut — Lock	1
8	32128—33	Nut — Flange Lock	1
9	329—6	Screw — Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
10	3220—1	Nut — Jam	2
11	329—7	Screw — Cap Hex. Hd.	1
12	87—7780	Bracket — Throttle	1
13	3296—3	Nut — Lock	1
14	87—7800	Lever — Throttle	1
15	18—1720	Joint — Ball	1
16	3274—15	Screw — Hex. Socket Hd.	1



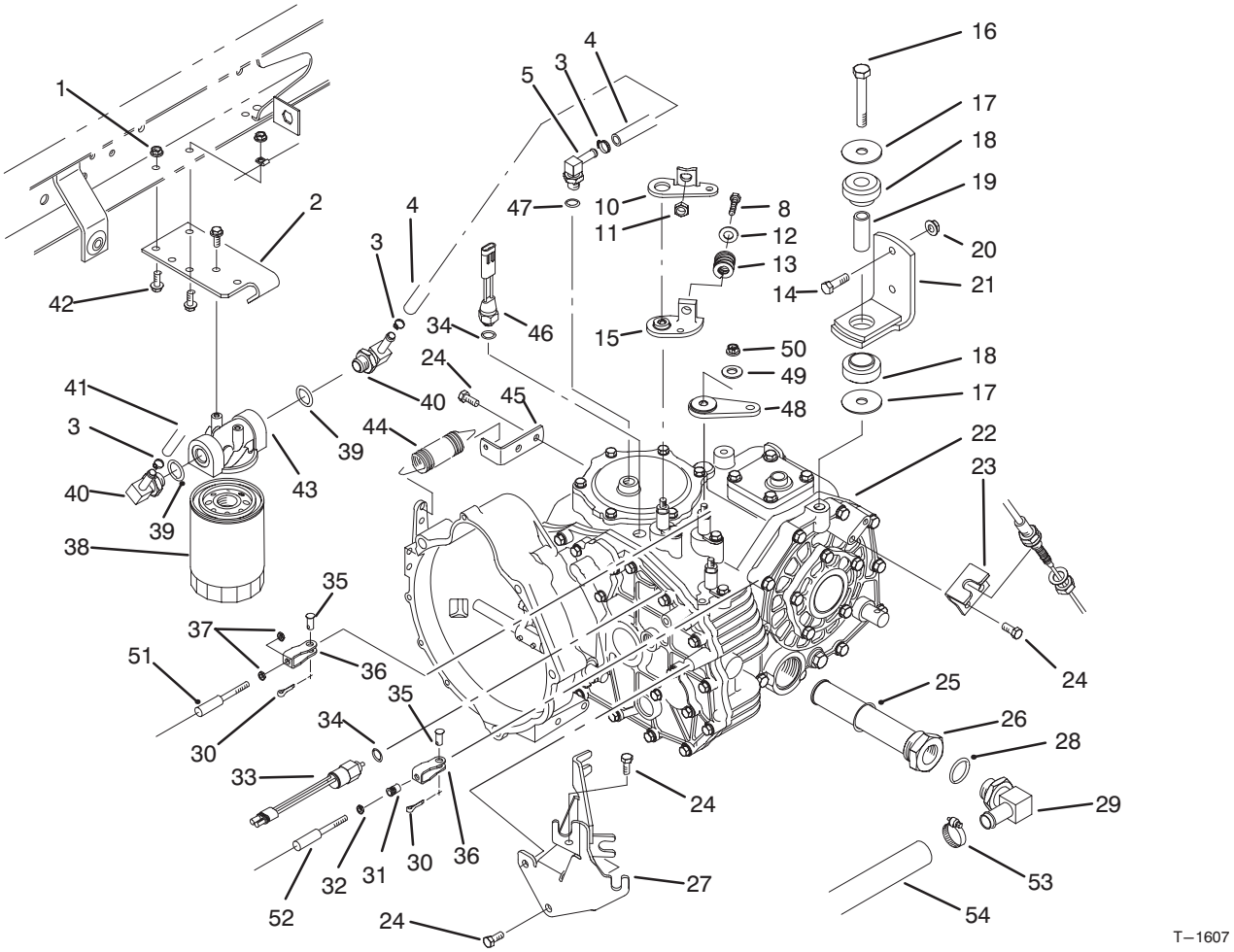
T—1807

MUFFLER & RELAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321—4	Screw — Cap Hex. Hd.	2
2	70—1480	Relay	2
3	32128—33	Nut — Flange Lock	2
4	3230—2	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

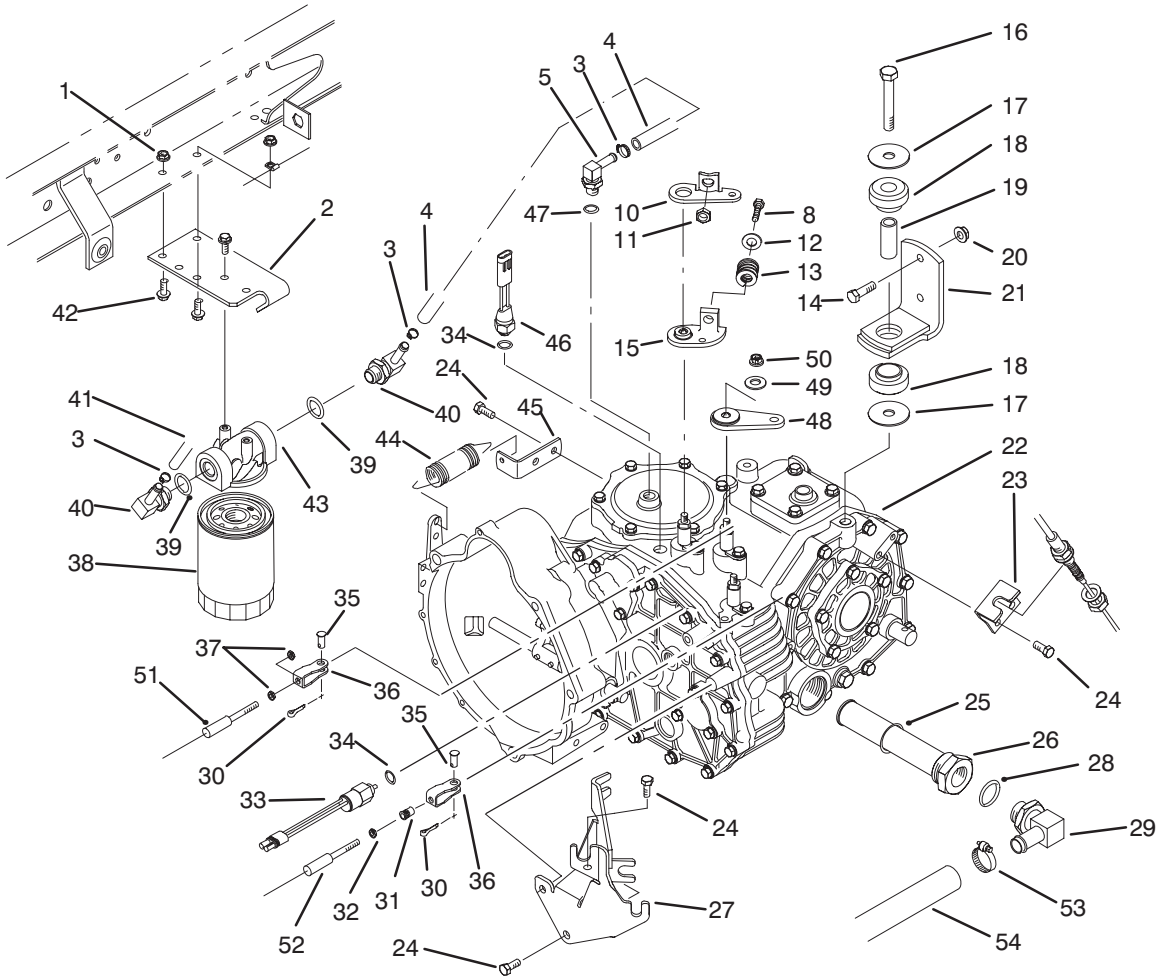
3317−174



TRANSAXLE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128−33	Nut − Flange Lock	1
2	87−7040	Bracket − Oil Filter	1
3	2412−36	Clamp − Hose	3
4	87−5730	Hose − Hydraulic	1
5	354−135	Fitting − Hydraulic 90° (Incl. Ref. #47)	1
8	323−10	Screw − Cap Hex. Hd.	1
10	87−8250	Plate − Shift Arm	1
11	32128−21	Nut − Lock	1
12	3256−4	Washer − Flat	1
13	87−6910	Spring − Compression	1
14	323−7	Screw − Cap Hex. Hd.	4
15	87−7970	Arm − Shift	1
16	3215−1	Screw − Cap Hex. Hd.	2
17	87−5100	Washer	4
18	87−4970	Transaxle Mount Assembly (Incl. Ref. #19)	4
19		Spacer − Mount	2
20	3296−39	Nut − Flange Lock	4
21	87−5800	Bracket − Mount	2
22	87−9250	Transaxle Assembly	1
23	87−4470	Bracket	1
24	66−3160	Screw − Cap Hex. Hd.	5
25	237−123	Seal − O−Ring	1
26	87−3990	Oil Strainer Assembly (Incl. Ref. #25)	1

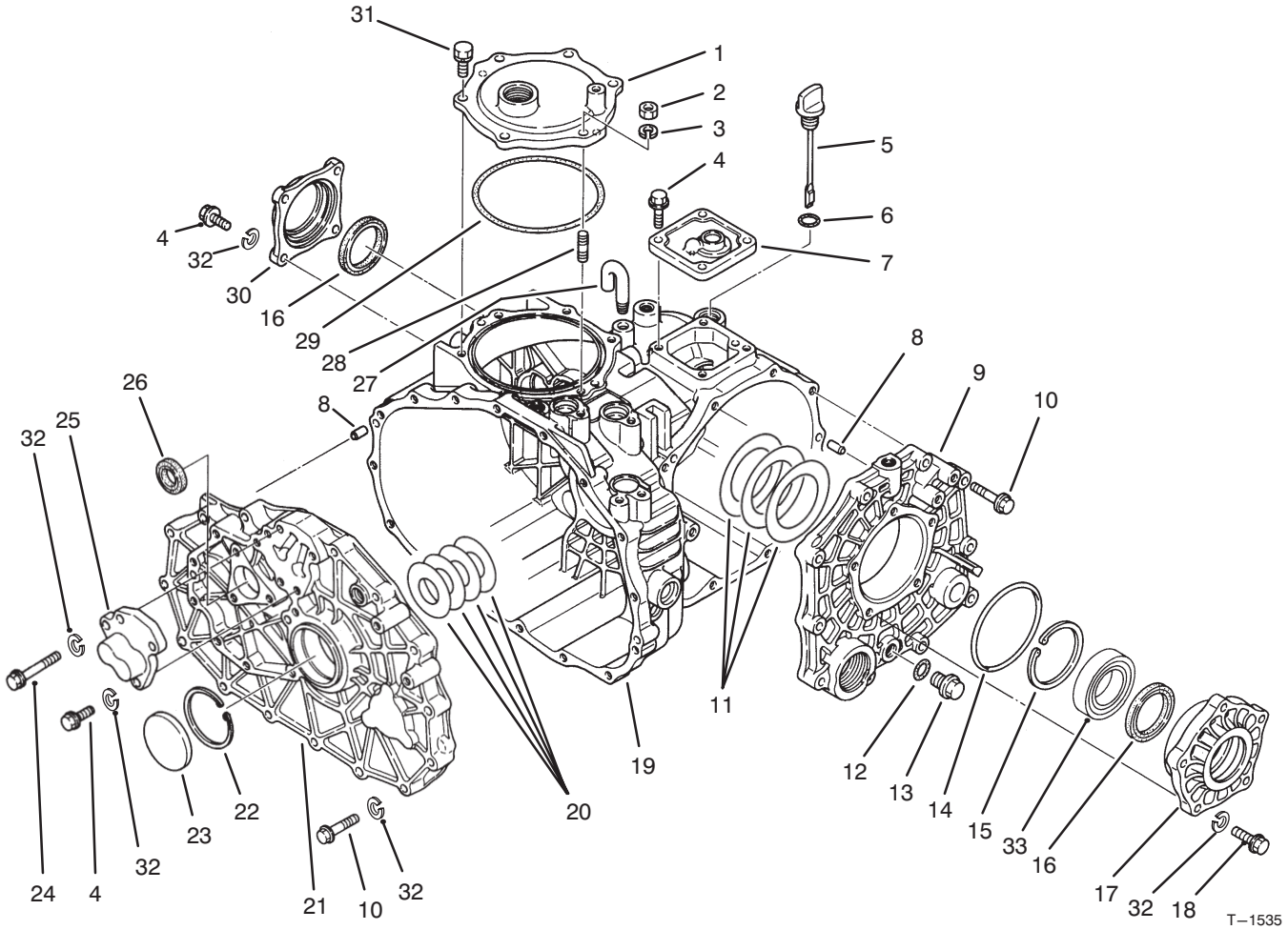
Ref. No.	Part No.	Description	No. Used
27	87−4820	Bracket − Cable	1
28	237−81	Seal − O−Ring	1
29	353−987	Fitting − Hydraulic 90° (Incl. Ref. #28)	1
30	3272−6	Pin − Cotter	3
31	32148−15	Nut − Clinch	1
32	3219−14	Nut − Hex.	1
33	87−6710	Switch − Supervisor	1
34	237−30	O−Ring	2
35	283−62	Pin − Clevis	3
36	87−2310	Clevis − Cable	3
37	3220−1	Nut − Jam	4
38	54−0110	Element − Oil Filter	1
39	237−79	Seal − O−Ring	2
40	354−134	Fitting − Hydraulic 90° (Incl. Ref. #39)	2
41	87−4920	Hose − Hydraulic	1
42	3234−4	Screw − Hex. Flange Hd.	4
43	87−8780	Head − Oil Filter	1
44	68−9950	Spring − Extension	1
45	87−7170	Bracket − Clutch Spring	1
46	72−4310	Switch − Ball N.C.	1
47	237−42	Seal − O−Ring	1
48	87−7960	Clamp − Shift Arm	2
49	80−6990	Washer − Flat	3
50	48−9520	Nut − Lock	3



T—1607

TRANSAXLE INSTALLATION ASSEMBLY (Continued)

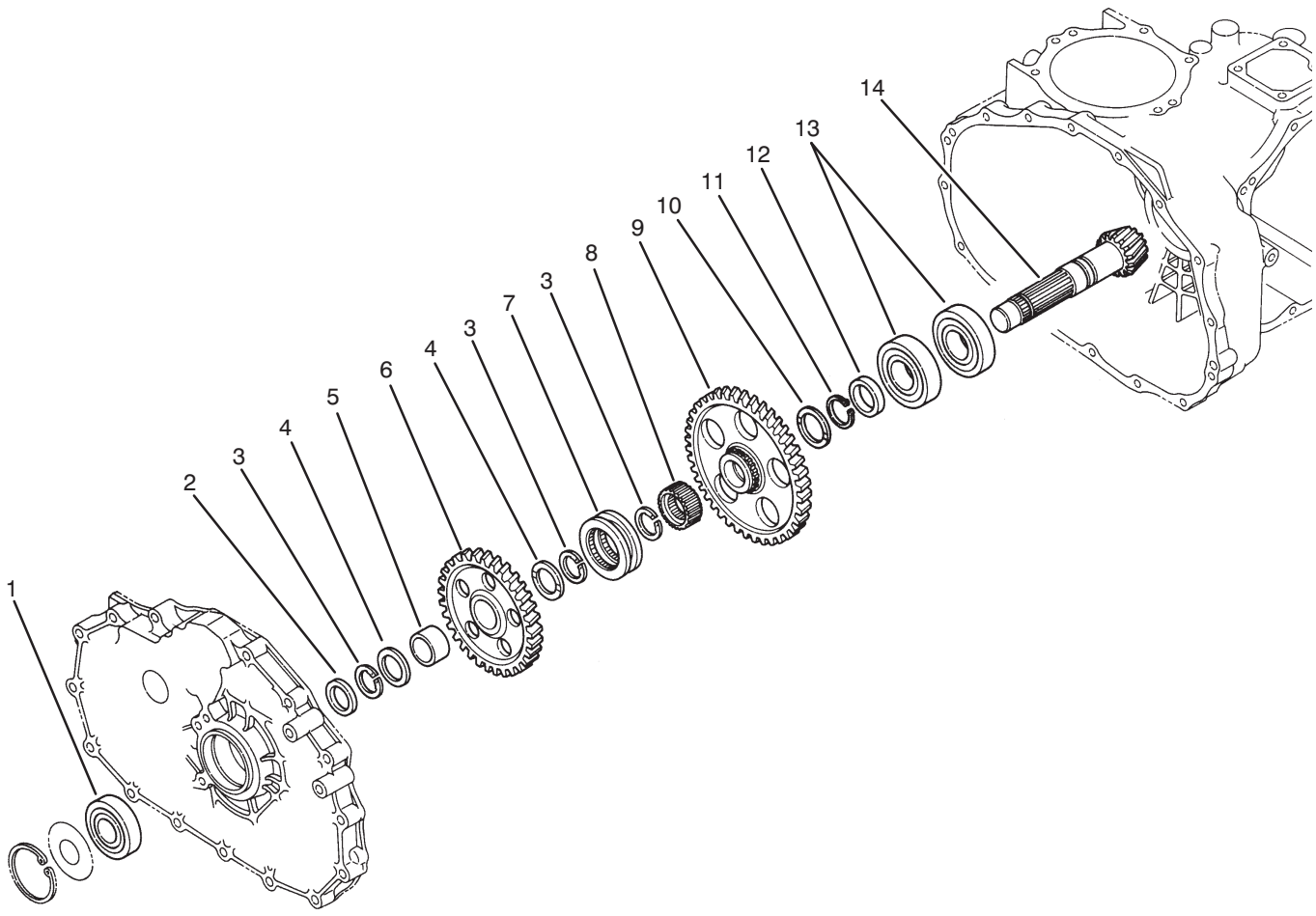
Ref. No.	Part No.	Description	No. Used
51	87—4260	Shift Cable Assembly (Incl. Ref. #37)	2
52	87—4420	Hi—Lo Cable Assembly (Incl. Ref. #32)	1
53	2412—34	Clamp — Hose	1
54	87—8030	Hose — Hydraulic	1



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.	11
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

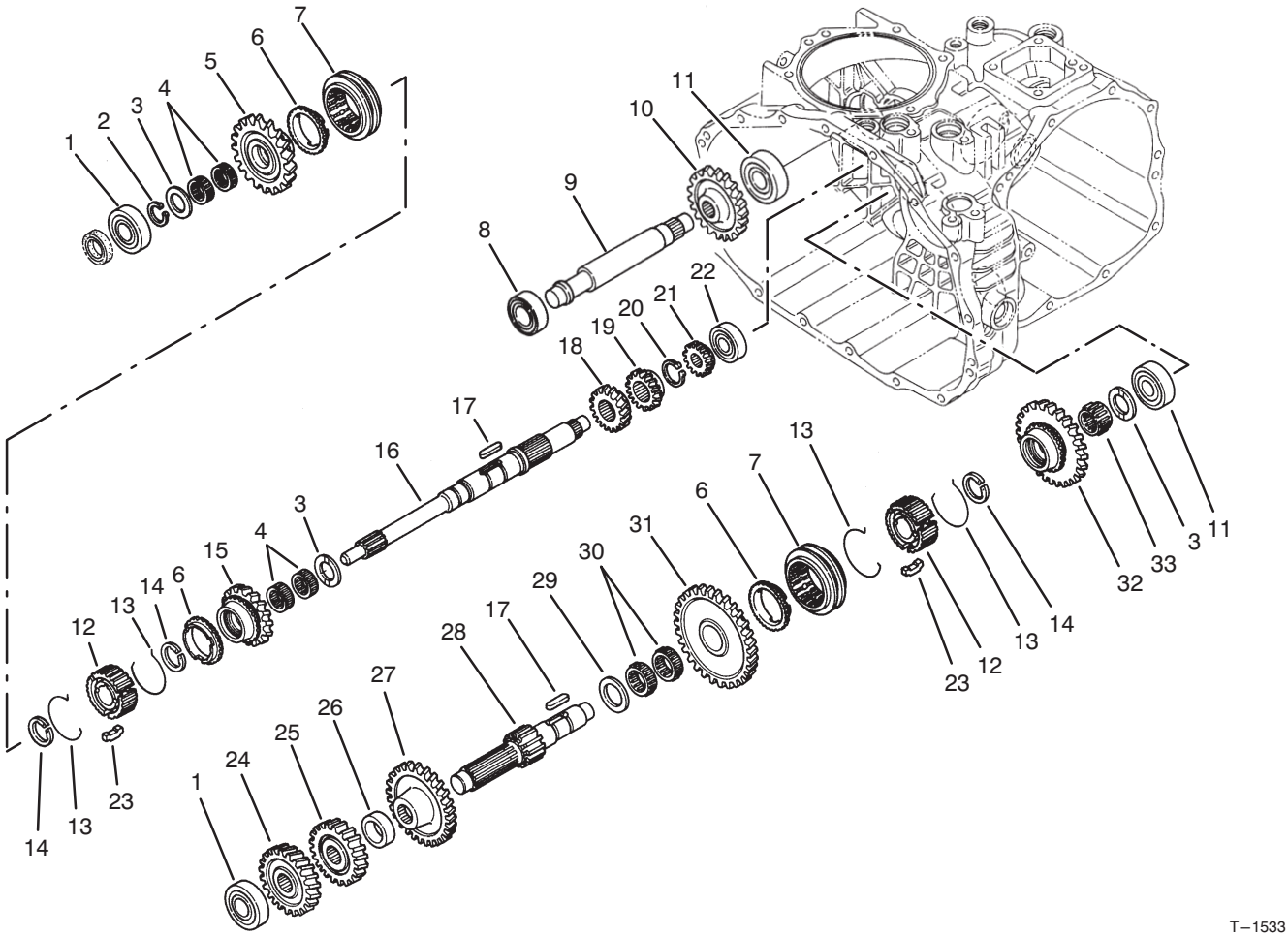


T—1536

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

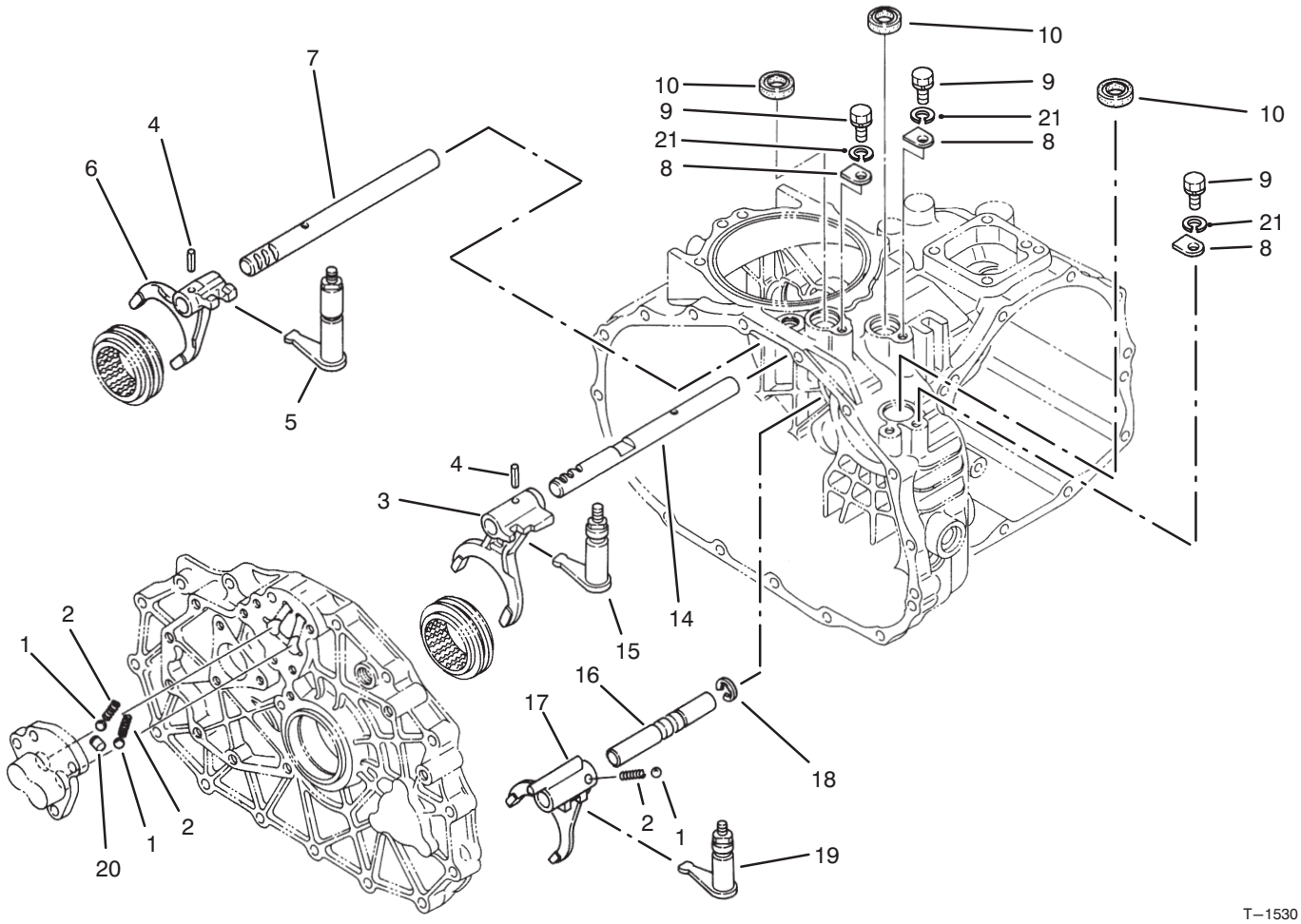
Ref. No.	Part No.	Description	No. Used
9	92—0717	Gear — 71T	1
10	92—0741	Washer — Thrust	1
11	92—0755	Ring — Retaining	1
12	92—0713	Collar	1
13	92—0714	Bearing — Ball	2
14	92—0710	Counter Shaft Assembly (Incl. Ring Gear)	1



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—0820	Gear — 27T	1
6	92—0667	Ring — Synchro	3
7	92—0668	Shifter — Synchro	2
8	251—346	Bearing — Ball	1
9	92—0824	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—0821	Gear — 24T	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—0822	Gear — 28T	1
25	92—0679	Gear — 23T	1
26	92—0680	Collar	1
27	92—0823	Gear — 43T	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



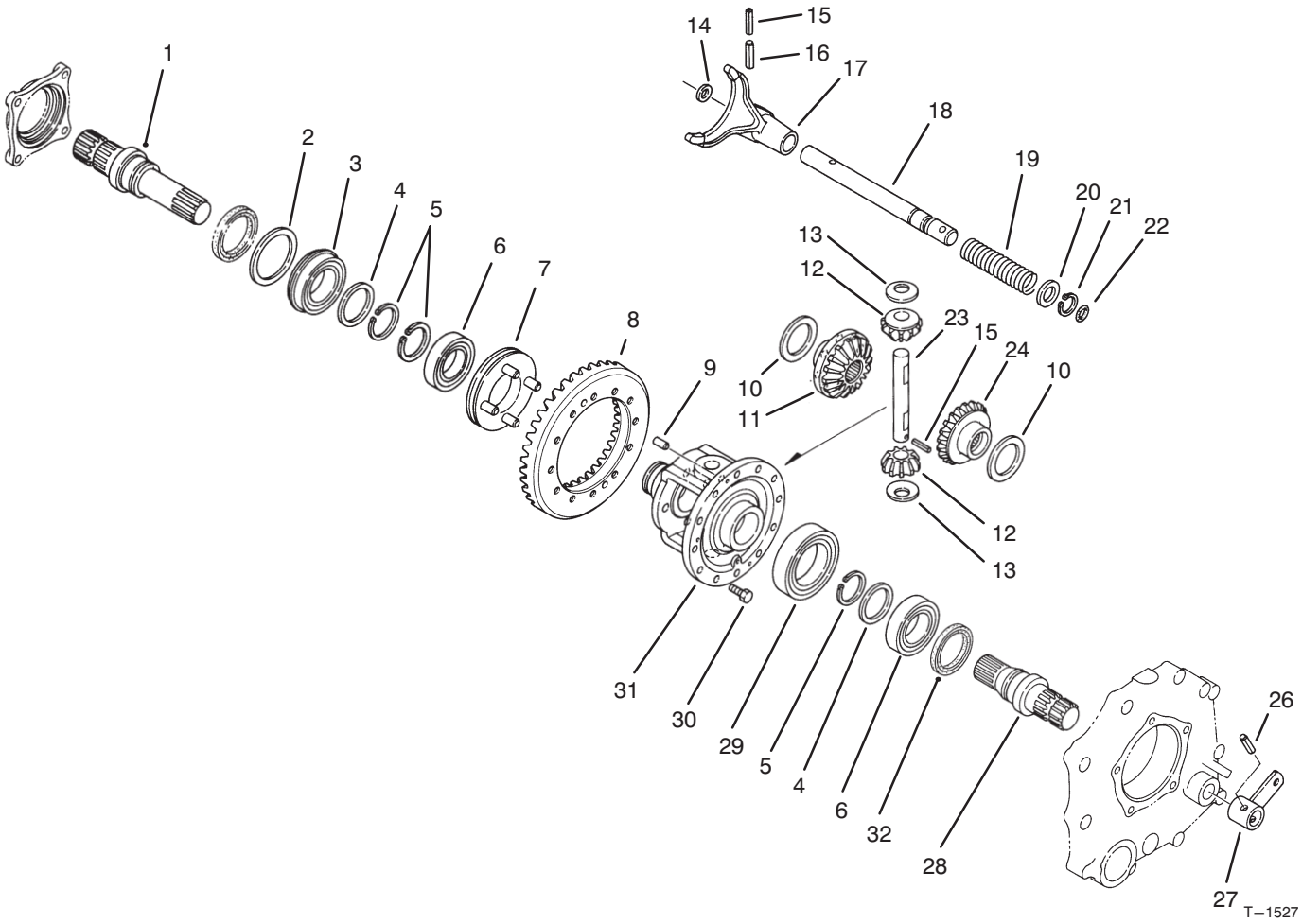
T–1530

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
21	42–9850	Washer – Lock	3

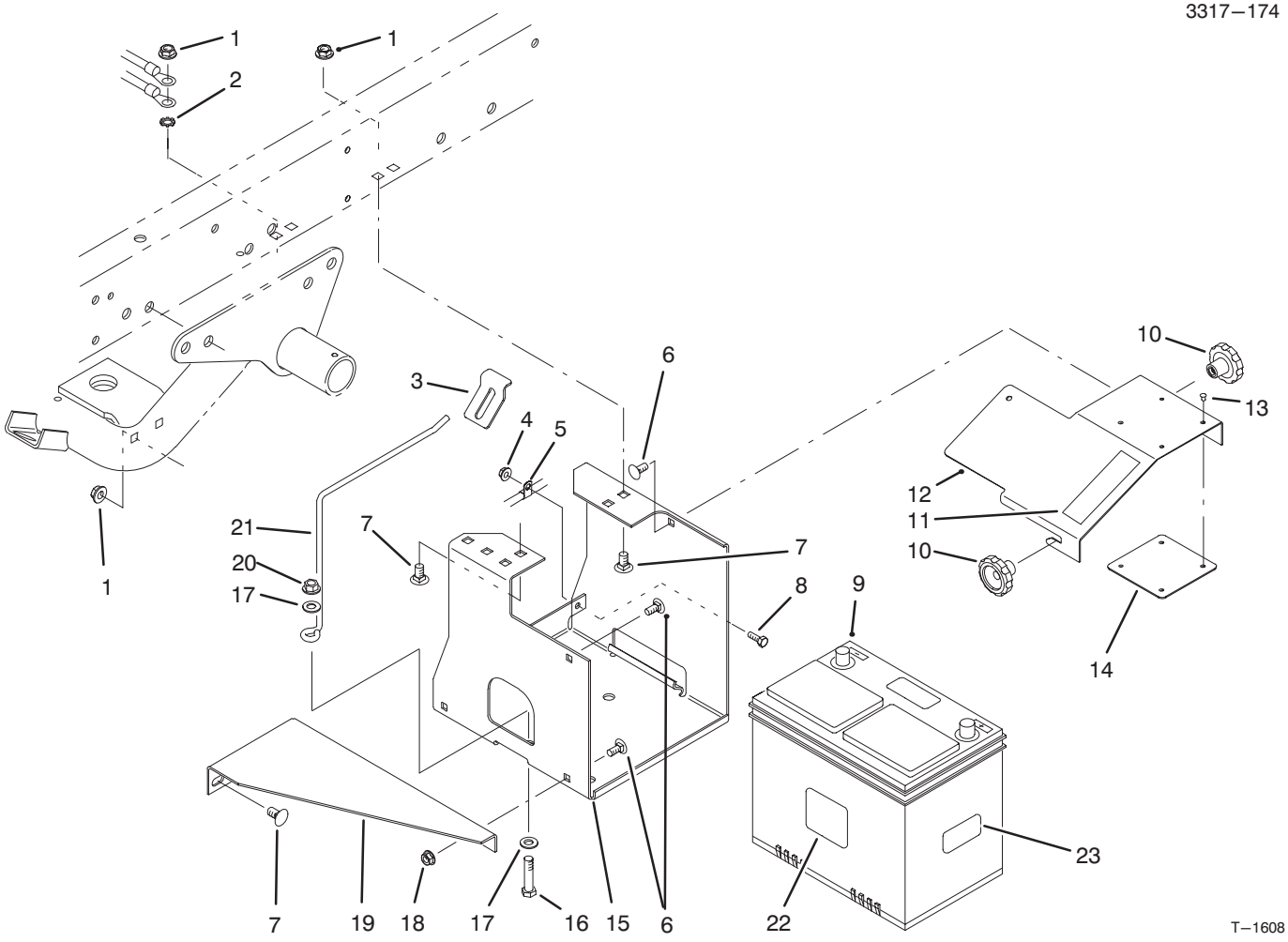
3317—174



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

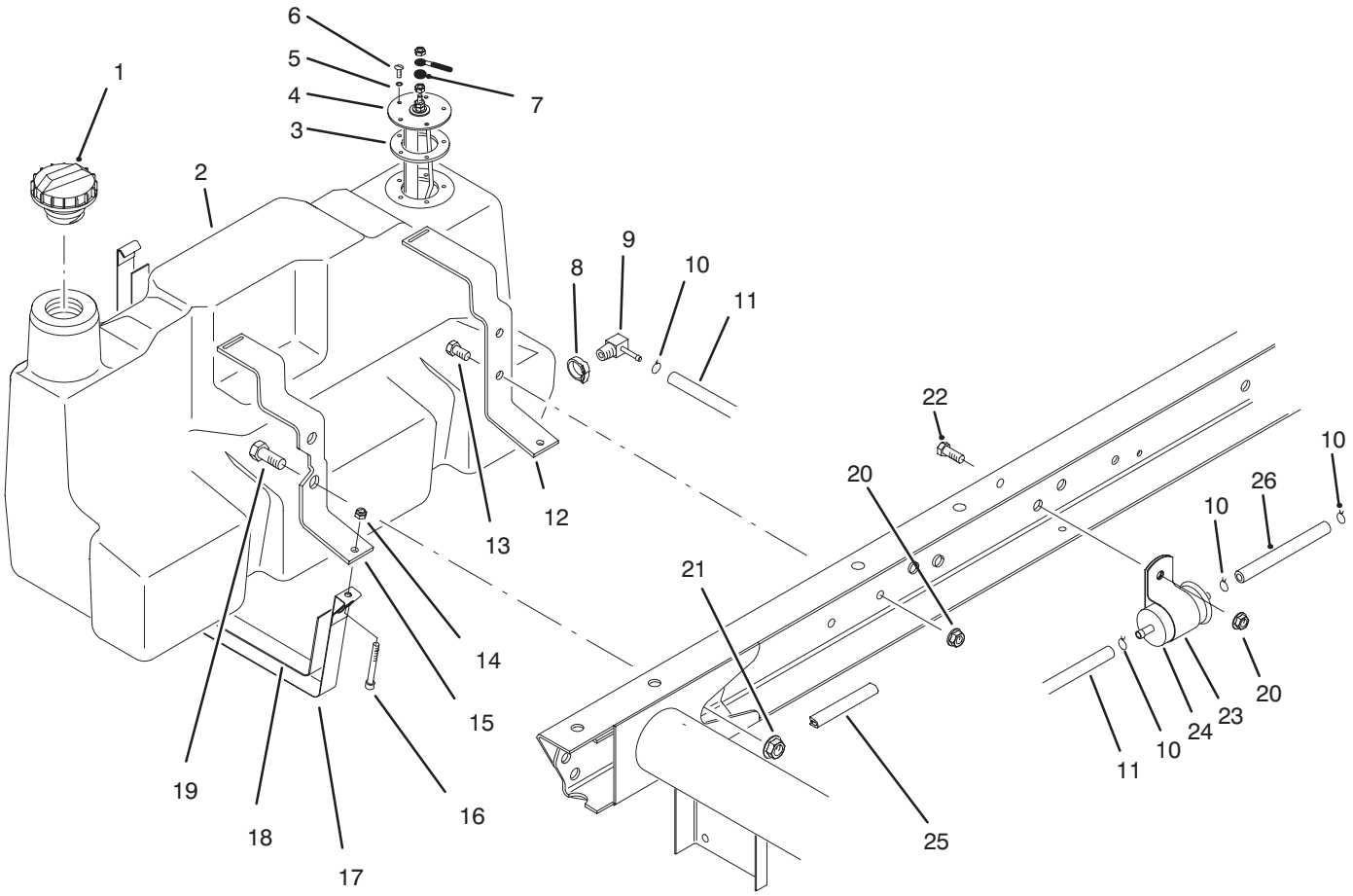
Ref. No.	Part No.	Description	No. Used
16	92—0771	Pin — Spring	1
17	92—0721	Fork — Differential Lock	1
18	92—0722	Shaft — Lock Fork	1
19	92—0723	Spring — Compression	1
20	92—0733	Washer	1
21	92—0753	Ring — Retaining	1
22	92—0787	O—Ring	1
23	92—0749	Shaft — Pinion	1
24	92—0745	Gear — Side L.H.	1
26	92—0770	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



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

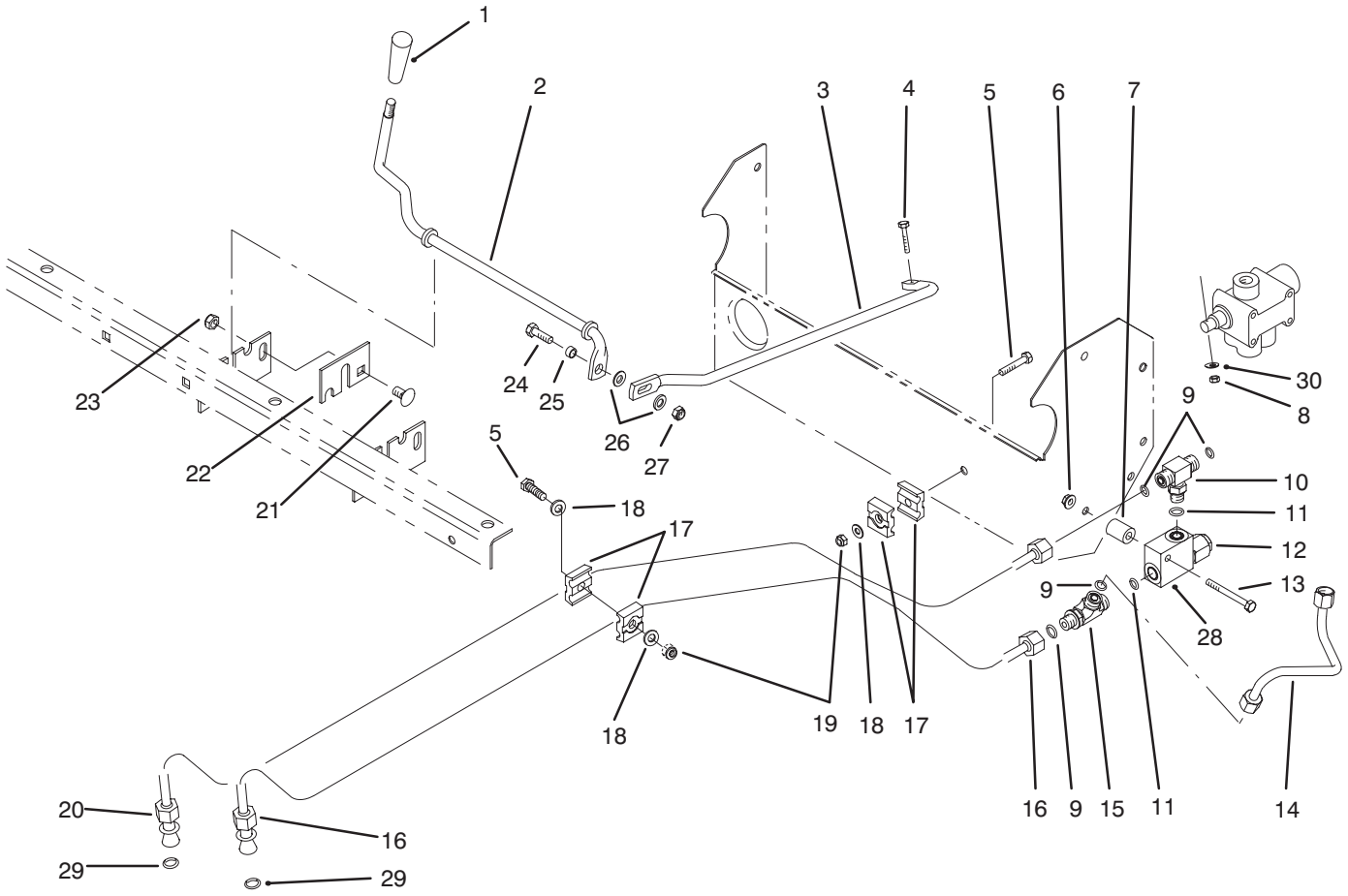
Ref. No.	Part No.	Description	No. Used
12	87—5130	Cover — Battery Base	1
13	3269—27	Rivet — Plastic	4
14	87—7620	Shield — Plastic	1
15	87—5120	Bracket — Battery Base	1
16	323—9	Screw — Cap Hex. Hd.	1
17	3256—24	Washer — Flat	2
18	32128—20	Nut — Flange Lock	2
19	87—5110	Support — Lower	1
20	3296—39	Nut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



FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–3101	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



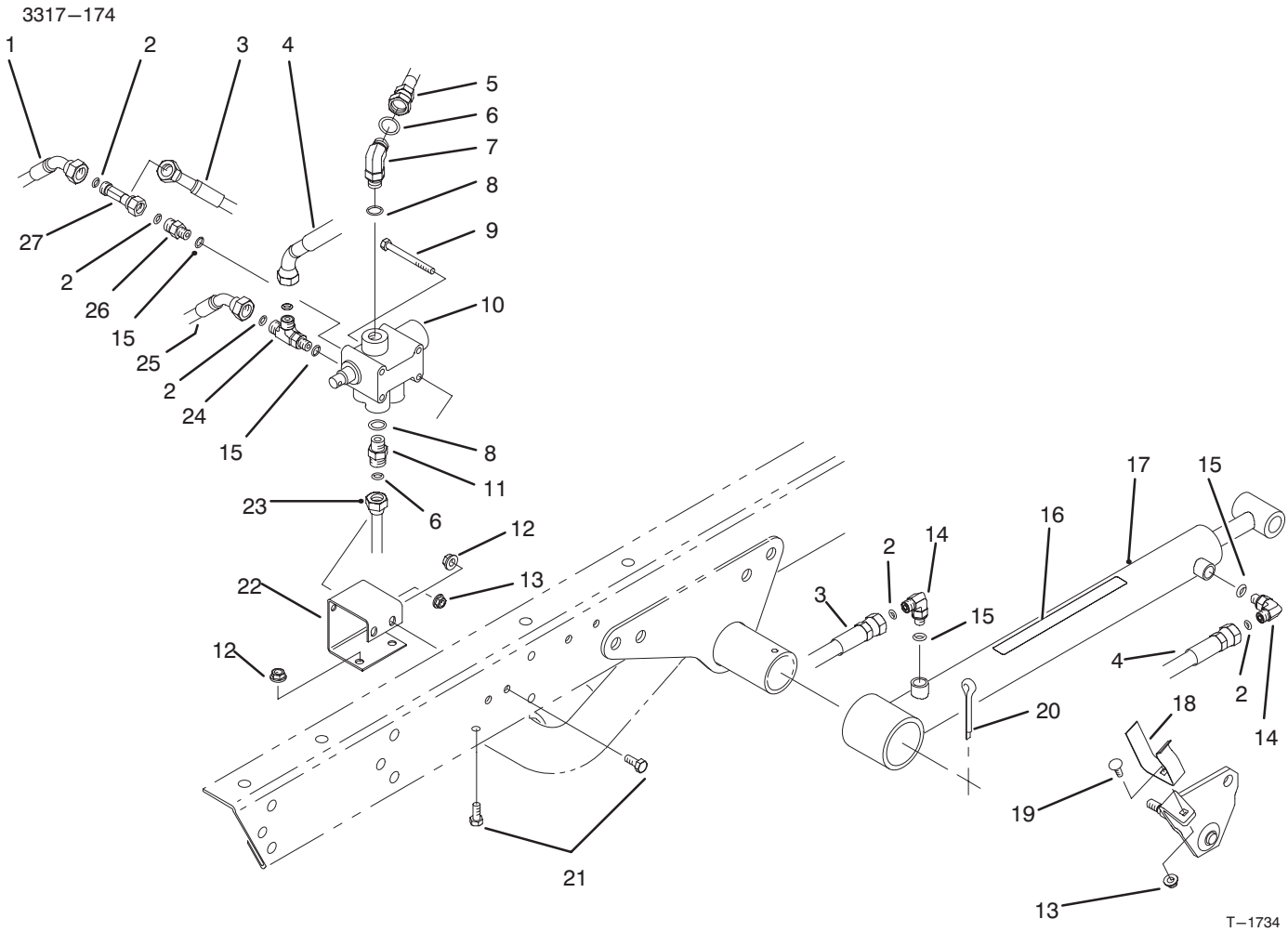
T—1610

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—9350	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

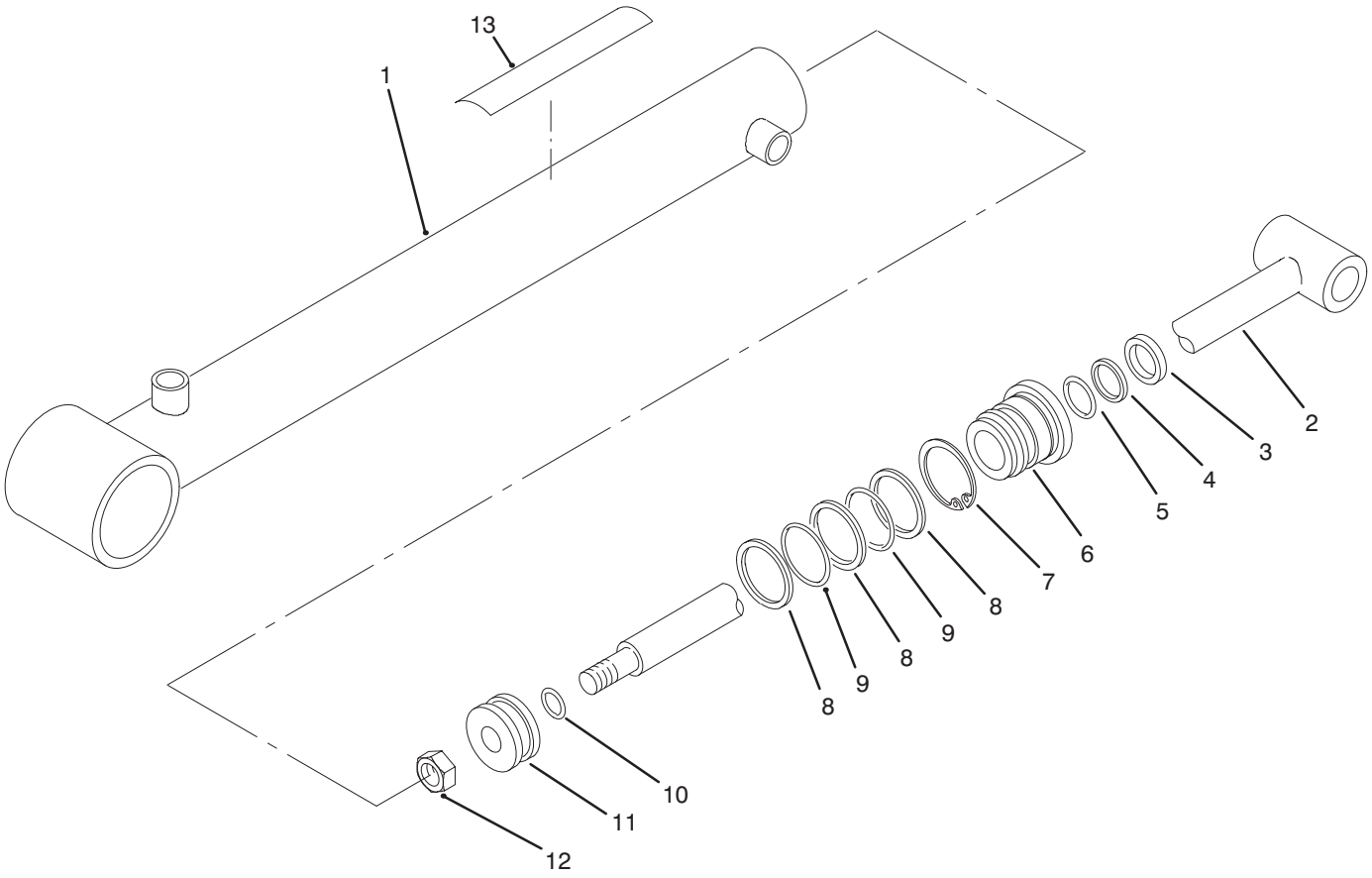
*Not Illustrated



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



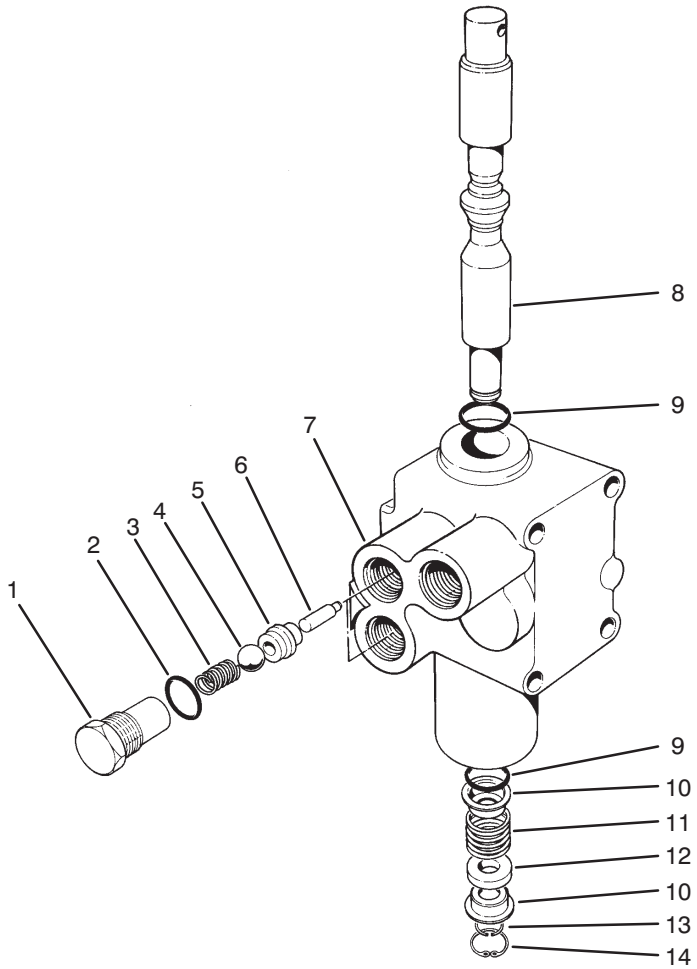
T–1612

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

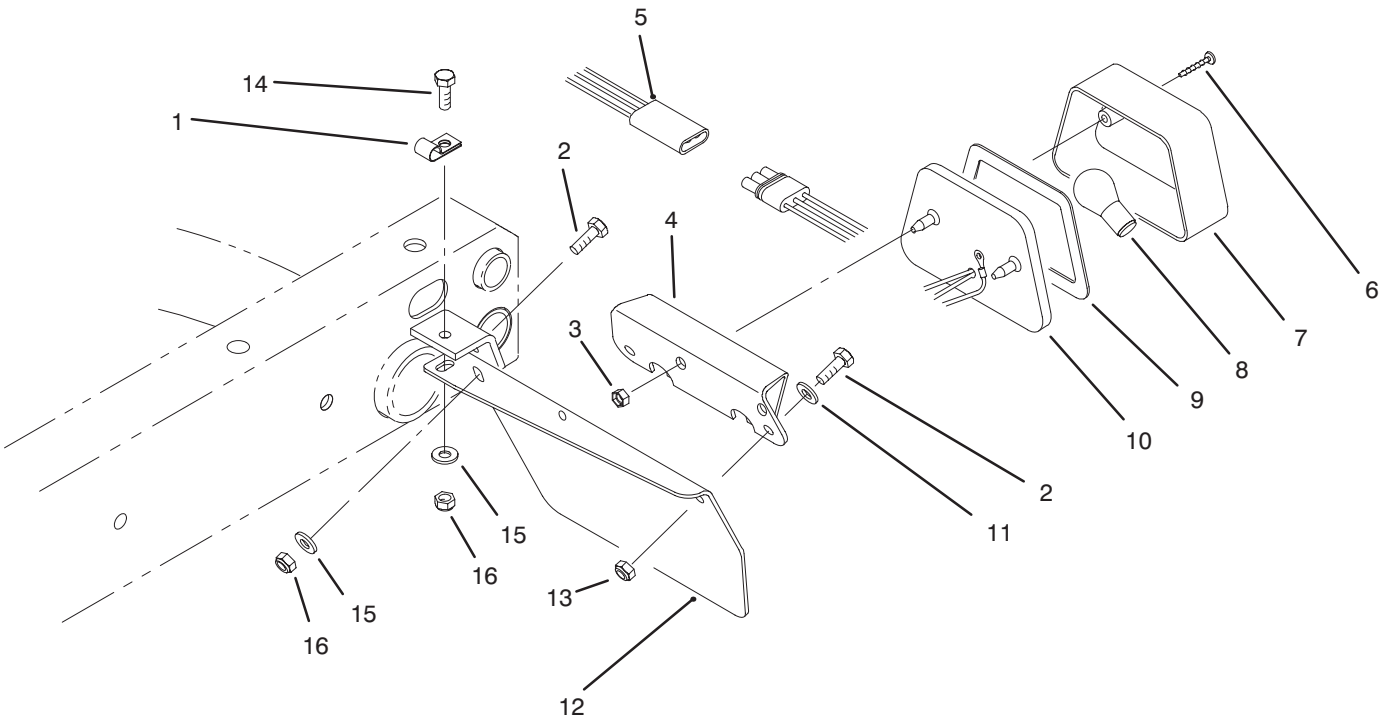


T—0280

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



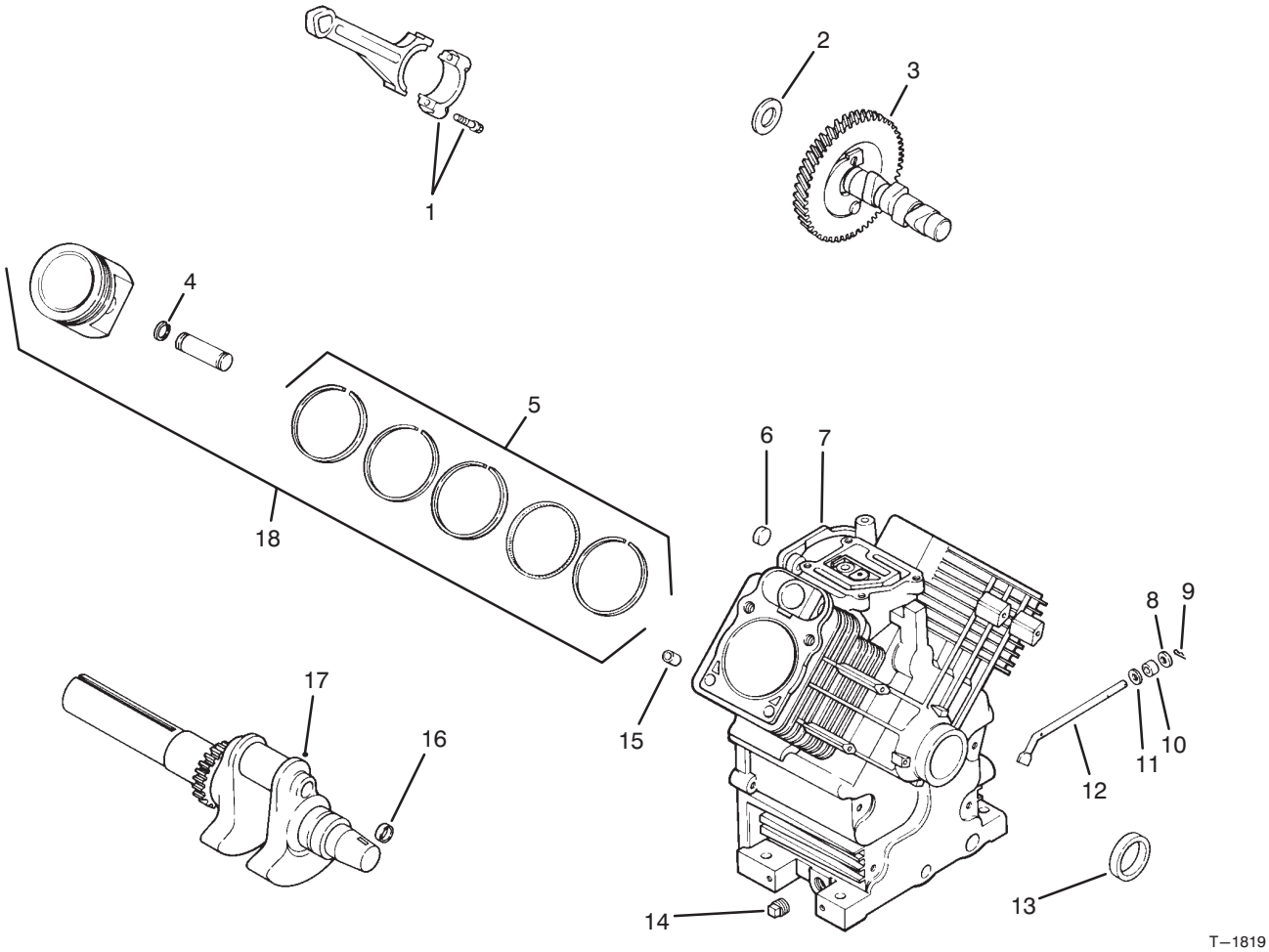
T—1805

TAIL LIGHT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412—93	Clamp — R	1
2	321—6	Screw — Cap Hex. Hd.	2
3	3290—506	Palnut	2
4	87—5770	U—Bracket — Tail Light	1
5	87—8010	Harness — Wire Rear	1
6	32144—93	Screw — Self Tapping	2
7	87—6300	Lens	1
8		Bulb (#1157 Std. 12 Volt)	1

Ref. No.	Part No.	Description	No. Used
9	87—6310	Gasket	1
10	87—2110	Tail Light Assembly (Incl. Ref. #6—9)	1
11	3256—22	Washer — Flat	2
12	93—8943	Plate — Tail Light LH	1
13	3296—42	Nut — Lock	2
14	322—5	Screw — Cap Hex. Hd.	2
15	3256—23	Washer — Flat	2
16	3296—24	Washer — Lock	2

*Not Illustrated

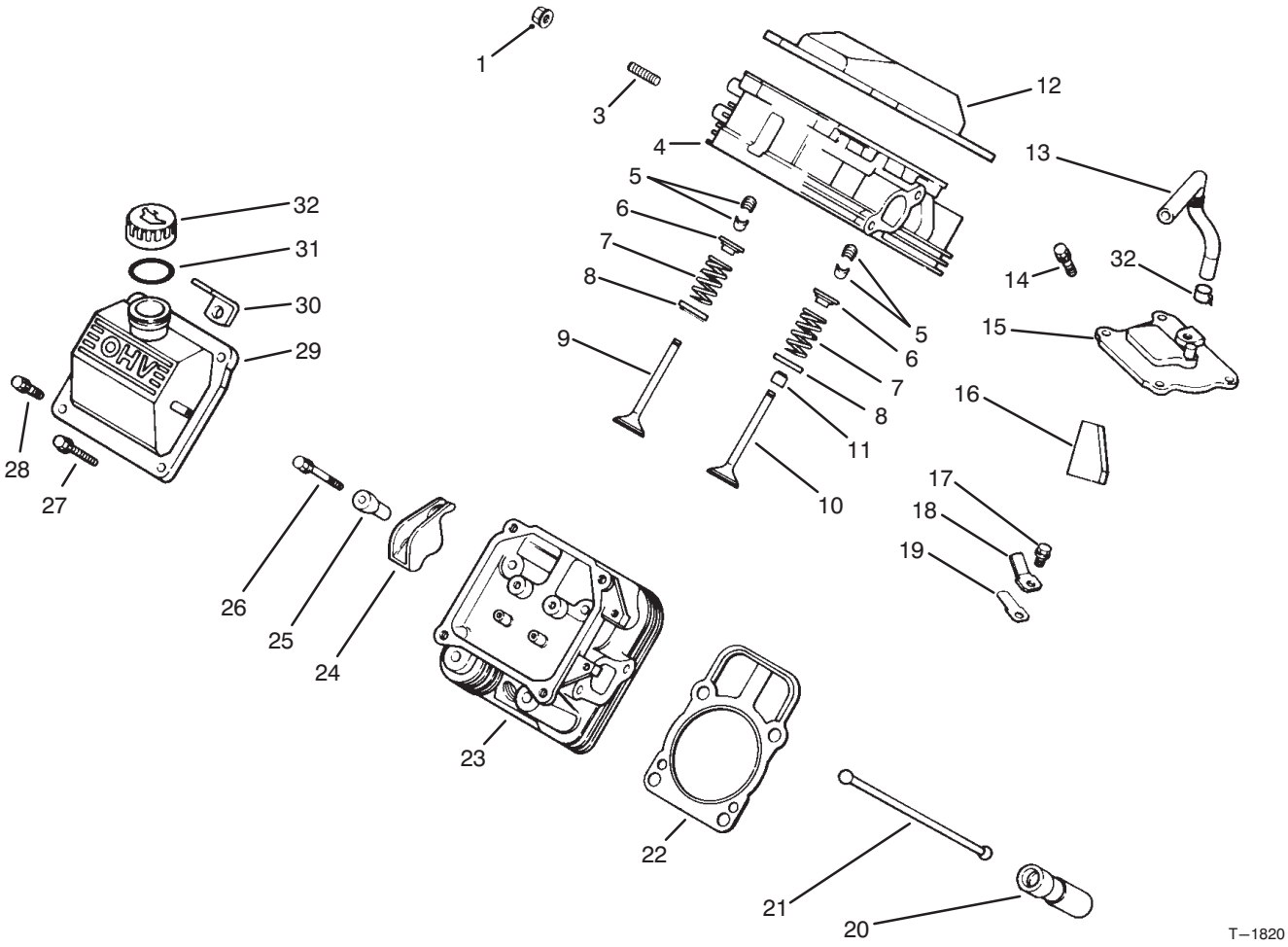


ENGINE KOHLER MODEL CH22S SPEC. NO. 66513

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	Crankkshaft	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

*Not Illustrated



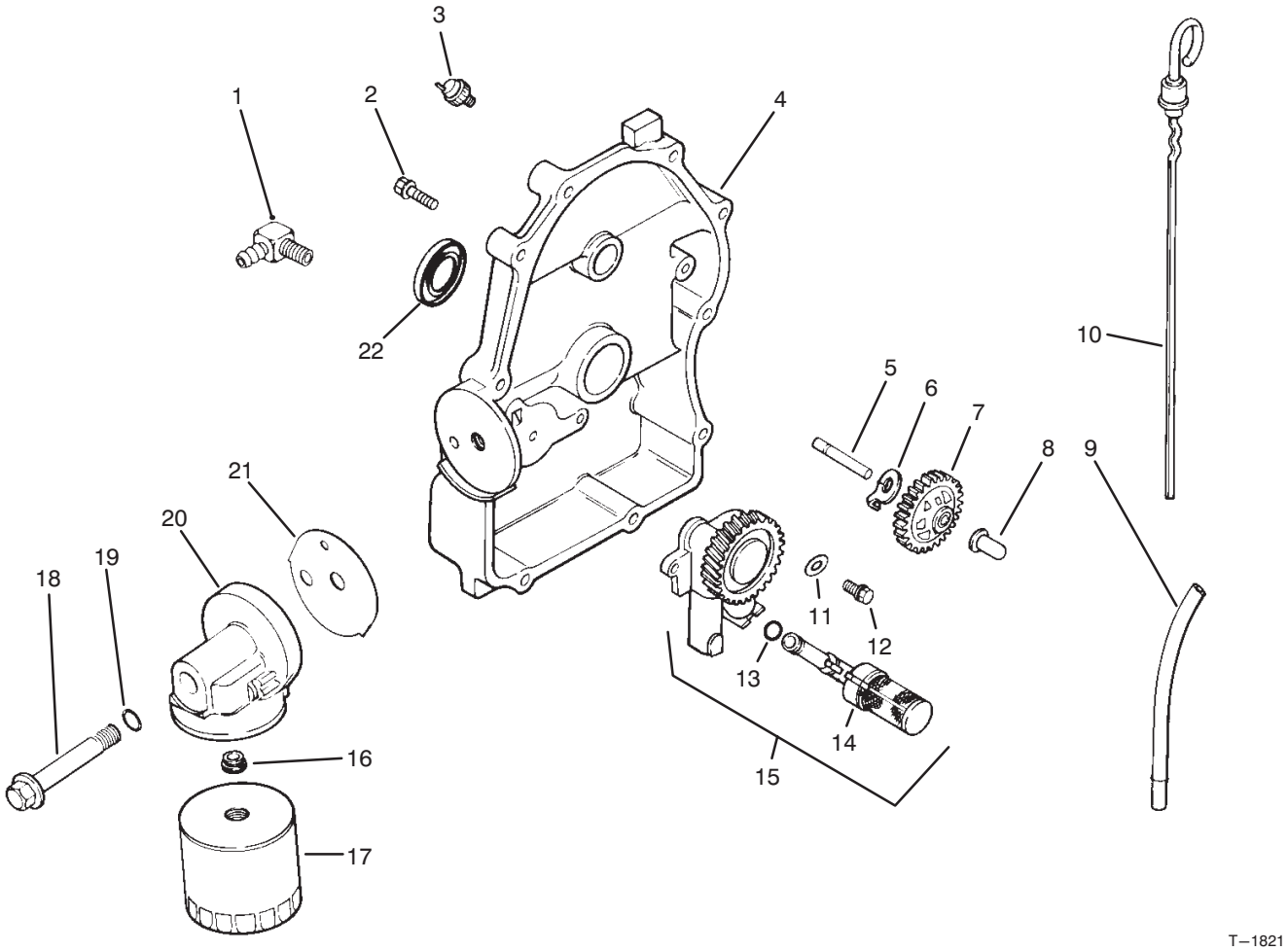
T—1820

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

Ref. No.	Part No.	Description	No. Used
1	M—0841080	Nut	4
3	M—0829033	Stud — Exhaust Manifold	4
4	24 318 09	No. 1 Cylinder Head Assy.	1
5	12 755 03	Retainer Kit	4
6	12 173 01	Cap — Valve Spring	4
7	24 089 02	Spring — Valve	4
8	52 018 01	Retainer — Spring	4
9	24 016 01	Valve — Exhaust	2
10	24 017 01	Valve — Intake	2
11	24 032 05	Seal — Valve Stem	2
12	24 096 11	Cover — Rocker	1
13	24 326 02	Hose — Breather	1
14	SM—0645020	Screw	4
15	24 033 01	Breather & Plug Kit	1
16	24 050 01	Filter — Breather	1
17	M—0545010	Screw — Breather	1
18	12 018 01	Retainer — Breather Reed	1

Ref. No.	Part No.	Description	No. Used
19	24 402 03	Reed — Breather	1
20	12 351 01	Lifter — Valve	4
21	24 411 02	Rod — Push	4
22	24 041 08	Gasket — Cylinder Head	2
23	24 318 10	No. 2 Cylinder Head Assy.	1
24	24 186 02	Arm — Rocker	2
25	24 194 01	Ball — Pivot Rocker	2
26	M—0640034	Screw	1
27	12 086 16	Screw	8
28	M—0651030	Screw	8
29	24 096 12	Cover — Rocker	1
30	12 445 05	Strap — Lifting	2
31	12 153 03	Seal — O—Ring	1
32	24 755 46	Oil Fill Cap Kit (Incl. Ref. #31)	1
33	X—426—9	Clamp — Breather	1

3317–174



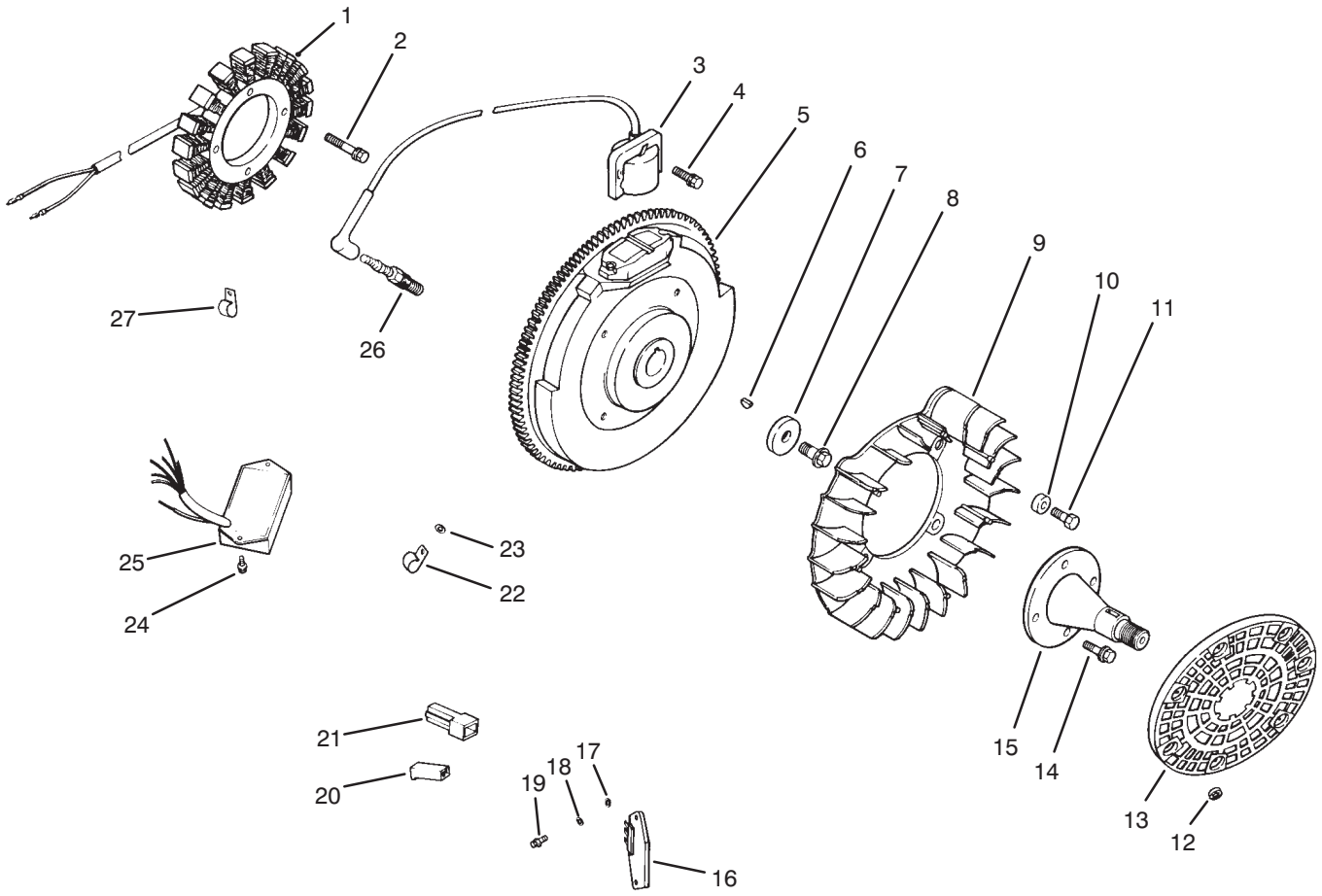
T–1821

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



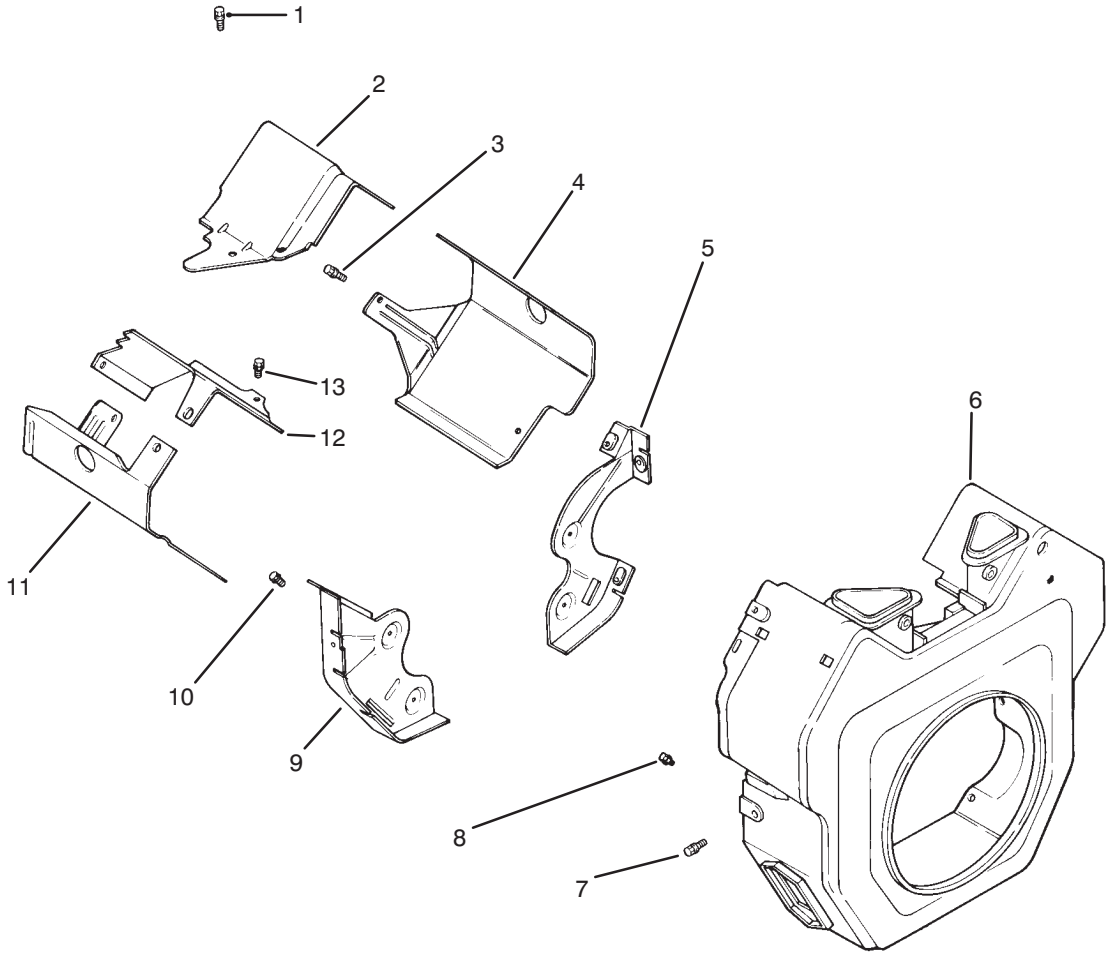
T—1822

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



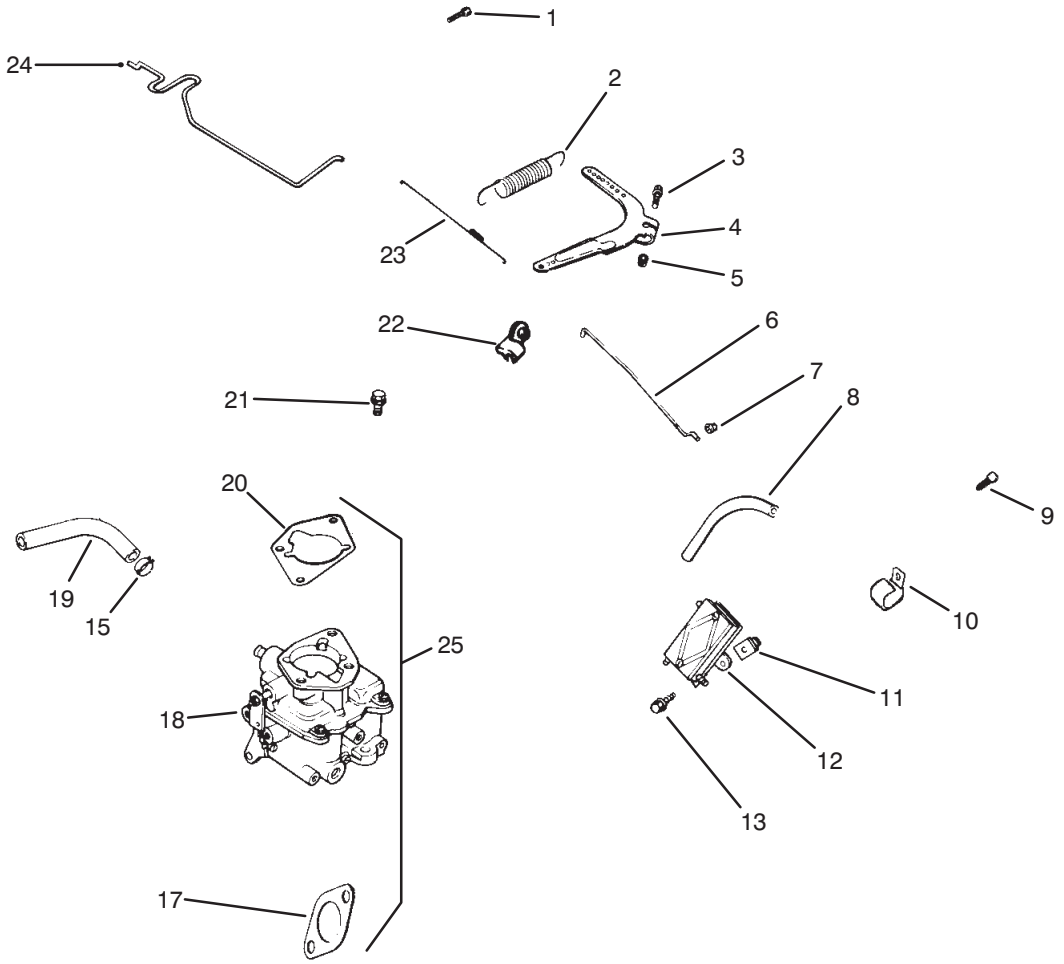
T—1823

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

*Not Illustrated



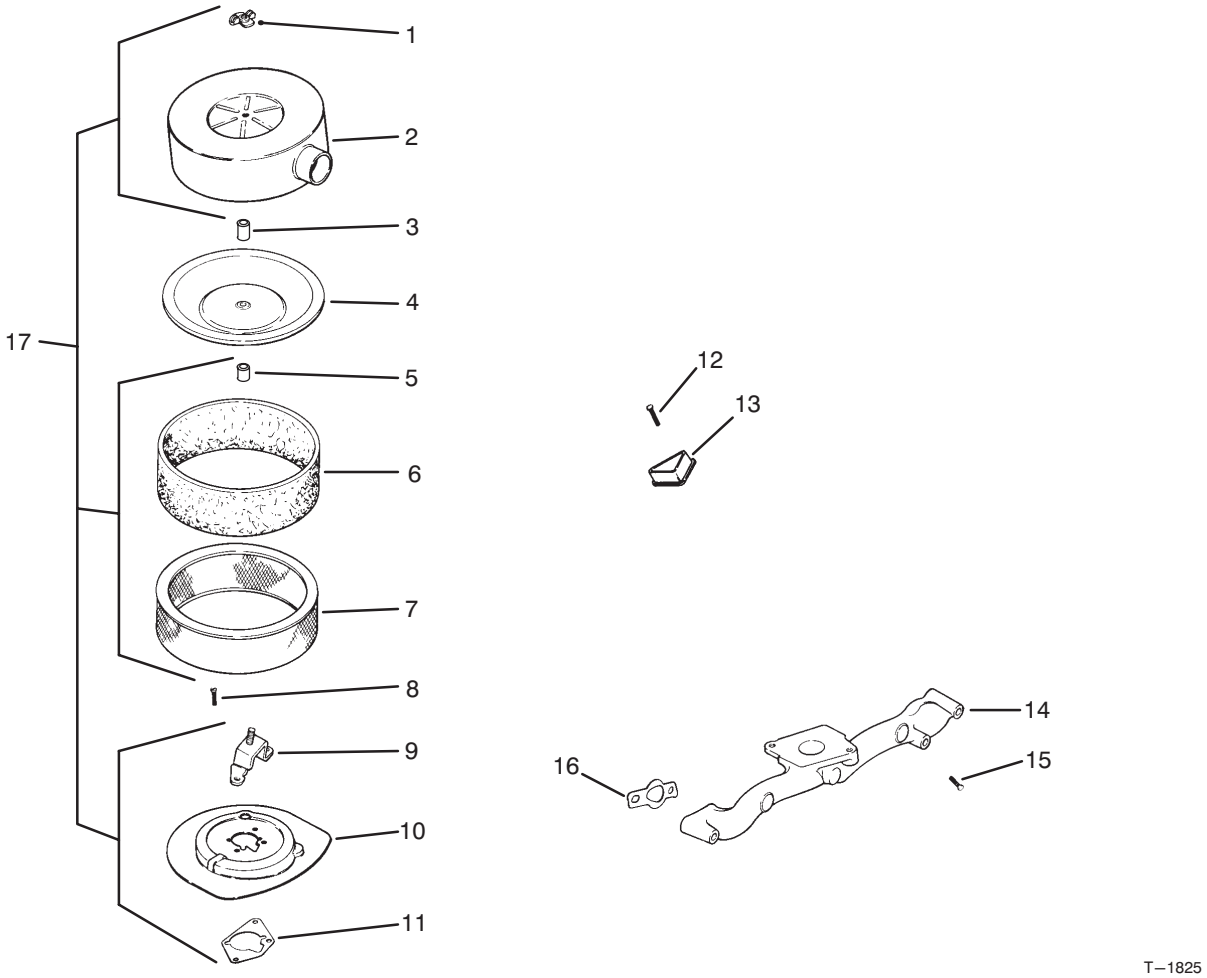
T—1824

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

Ref. No.	Part No.	Description	No. Used
1	SM—0645016	Screw	4
2	24 089 15	Spring — Governor	1
3	SM—0642025	Screw	1
4	24 090 14	Lever — Governor	1
5	SM—0641060	Nut	1
6	24 079 01	Linkage — Throttle	1
7	25 158 08	Bushing — Linkage	1
8	24 353 02	Line — Fuel 15.5”	1
9	M—0650012	Screw — Clip	1
10	47 154 01	Clip — Cable	1
11	24 100 01	Nut	2
12	24 393 04	Pump — Fuel	1
13	24 086 12	Screw	2

Ref. No.	Part No.	Description	No. Used
15	X—426—9	Clamp — Hose	4
17	24 041 17	Gasket — Carburetor	1
18	24 053 17	Carburetor Assembly (For information only, not available seperatly)	1
19	25 353 10	Line — Fuel 9”	1
20	24 041 06	Gasket — Air Cleaner Base	1
21	M—0651030	Screw	2
22	25 158 11	Bushing — Linkage	1
23	24 089 01	Spring — Linkage	1
24	24 079 05	Linkage — Choke	1
25	24 853 20	Carburetor & Gasket Kit (Incl. Ref. #17, 18 & 20)	1

3317–174



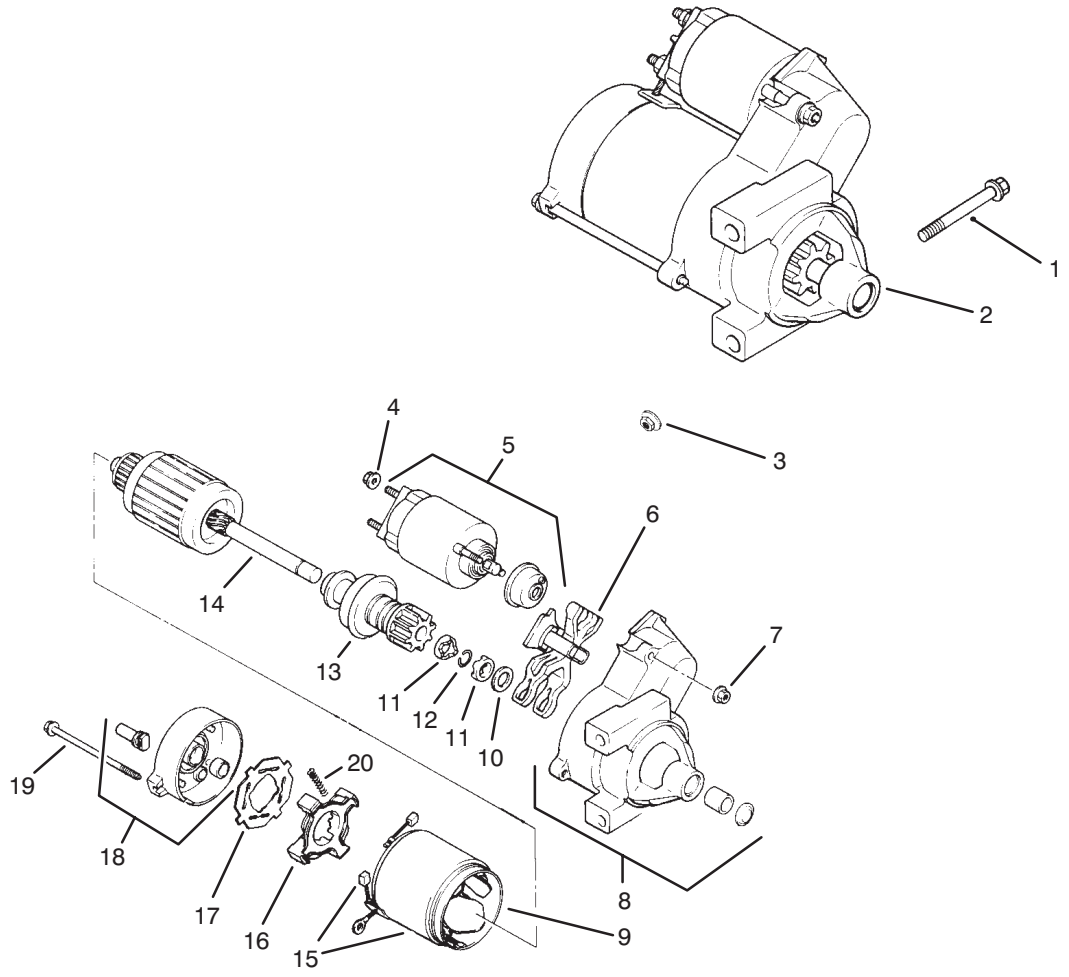
T–1825

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



T—1826

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

Ref. No.	Part No.	Description	No. Used
1	M—0839080	Screw	2
2	24 098 01	Starter — Solenoid Shift (Incl. Ref. #4—20)	1
3	M—0841080	Nut	1
4	52 100 09	Nut — Starter	1
5	52 435 02	Solenoid	1
6	12 090 10	Lever — Starter Drive	1
7	52 100 10	Nut — Starter	2
8	24 081 04	Drive — End Cap	1
9	12 471 01	Frame	1
10	52 468 14	Washer — Thrust	1

Ref. No.	Part No.	Description	No. Used
11	52 100 08	Nut — Stop Collar	2
12	52 141 03	Ring — Retainer	1
13	12 239 01	Drive — Pinion	1
14	12 170 03	Armature — Starter	1
15	52 221 01	Brush Kit	1
16	52 323 03	Holder — Brush	1
17	52 168 01	Insulator	1
18	24 301 01	Commutator — End Cap	1
19	52 211 05	Bolt — Thru	2
20	52 089 09	Spring — Brush	4

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
111071	Bumper	13	4	2
116749	Horn Assembly	1	21	1
146489	Rivet – Pop	1	28	8
5–3637	Washer – Flat	38	7	1
7–0030	Bolt – Shoulder	28	1	1
18–1520	Filter – Fuel	38	24	1
18–1720	Joint – Ball	28	15	1
18–2830	Horn Switch Assembly	2	30	1
18–4260	Screw/Lockwasher Assy.	5	9	2
18–4270	Clamp – Ball Return Guide	5	8	1
18–4340	Plug – Rack Piston End	5	6	1
18–5160	Seal Kit – Pitman Shaft	6	*	1
18–5170	Seal Kit – Valve Ring	6	*	1
18–5180	Bearing Kit – Lower Thrust	6	*	1
18–5190	Ball – Chrome Alloy	5	10	11
19–4050	Knob	37	10	2
21–0360	Nut	8	6	1
21–1830	Spring – Extension	7	30	1
21–9260	Spacer	4	4	1
22–8330	Plug	42	1	2
22–8340	Spring	42	3	2
22–8350	Ball	42	4	2
22–8360	Pin – Cam	42	6	2
22–8370	Seat–Check Valve	42	5	2
22–8380	Retainer – Spring	42	10	2
22–8410	Spring	42	11	1
22–8420	Spool	42	8	1
22–8480	Ring – Retaining, Spool	42	13	1
22–8490	Ring – Retaining	42	14	1
22–8500	O–Ring	42	9	2
23–3030	Spacer	42	12	1
23–7270	Nut – Lug	19	4	10
23–7270	Nut – Lug	22	18	10
26–0071	Bumper	1	9	2
27–2360	Ignition Switch Assembly	2	33	1
28–8200	O–Ring	5	27	1
28–8210	Bolt – Flange Hex. Hd.	5	17	4
28–8220	Nut – Lash Adjuster	5	16	1
28–8270	Seal Service Kit – End Plug	6	*	1
28–8280	Seal Kit – Side Cover	5	14	1
28–8290	Seal Service Kit	6	*	1
33–3090	Bushing – Flange	17	7	4
36–3400	Decal – No Step	37	11	1
39–7310	O–Ring	5	35	3
39–7310	Seal – O–Ring	39	29	2
39–7420	Washer – Lock	4	22	1
39–7420	Washer – Lock	5	42	1
39–7440	Nut – Lock	4	23	1
39–7440	Nut – Pitman Arm	5	41	1
42–3560	Screw – Shoulder	15	15	1
42–7160	Pin – Dowel	27	17	3
42–9530	Screw – Cap Hex. Hd.	32	10	25
42–9530	Screw – Cap Hex. Hd.	11	21	9
42–9850	Washer – Lock	11	20	12
42–9850	Washer – Lock	35	21	3
42–9850	Washer – Lock	32	32	42
43–1950	Valve	40	10	1
43–4300	Trim	38	25	1
43–5150	Piston	41	11	1
43–6550	Ring – Retaining	4	10	2
44–0760	Decal – Warning	17	33	2
48–7560	Screw – Cap Hex. Hd.	32	24	1
48–7700	Screw – Cap Hex. Hd.	27	13	6
48–7700	Screw – Cap Hex. Hd.	35	9	3
48–7730	Screw – Cap Hex. Hd.	29	6	2
48–7730	Screw – Cap Hex. Hd.	32	18	5
48–7740	Screw – Cap Hex. Hd.	4	15	4
48–7930	Nut – Hex.	32	2	1
48–8070	Washer – Flat	4	6	1
48–9520	Nut – Lock	21	28	2
48–9520	Nut – Lock	30	50	3
49–9150	Washer – Flat	15	2	1
49–9150	Washer – Flat	14	36	1
52–2890	Bushing – Flange	7	24	2
54–0110	Element – Oil Filter	30	38	1
55–7120	Switch – Brake Light	7	9	1
55–7290	Battery	37	9	1
56–2150	Screw – Cap Hex. Hd.	27	8	4
56–2150	Screw – Cap Hex. Hd.	11	13	4
56–7973	Clamp – Hydraulic Tube	39	17	4
57–6380	Screw – Cap Hex. Hd.	29	15	2
57–6380	Screw – Cap Hex. Hd.	11	42	3
60–6750	Screw – Cap Hex. Hd.	32	4	11
60–9920	Screw – Cap Hex. Hd.	11	9	2
62–5550	Decal – TORO	1	2	1
62–7650	Gasket – Sending Unit	38	3	1
63–7622	Hose – Fuel	38	26	1
63–7640	Unit – Sending	38	4	1
63–8360	Key – Ignition	2	11	1
63–9640	Hose – Fuel	38	11	1
65–5220	Screw – Hex. Socket Hd.	14	40	3
65–5360	Spring – Extension	4	35	1
66–3160	Screw – Cap Hex. Hd.	11	1	4
66–3160	Screw – Cap Hex. Hd.	29	9	1
66–3160	Screw – Cap Hex. Hd.	30	24	5
66–6840	Decal – Caution	21	32	1
66–6840	Decal – Hot Surface	11	43	1
67–1450	Spring – Extension	28	5	1
68–9950	Spring – Extension	30	44	1
70–1480	Relay	29	2	2
71–5320	Washer – Flat	15	18	1
72–4310	Switch – Ball N.C.	30	46	1
74–0720	Tube – Manual	13	1	1
75–6820	Hourmeter	2	18	1
75–9610	Spacer	39	7	1
76–2290	Spacer	15	37	1
76–4430	Fitting – Fuel 90°	38	9	1
76–9100	Spacer	25	24	6
76–9100	Spacer – Hi–Lo Lever	14	35	1
80–6990	Washer	22	39	4
80–6990	Washer – Flat	30	49	3
80–8040	Decal – Warning	27	22	1
84–1680	Ring – Retaining	41	7	1
87–0150	Tower – Control Arm RH	17	9	1
87–0160	Tower – Control Arm LH	17	*	1
87–0210	Arm – Control Lower RH	18	18	1
87–0220	Arm – Control Lower LH	18	*	1
87–0270	Drum – Brake	19	7	2
87–0370	Arm – Pitman	4	21	1
87–0660	Hose – Reservoir Rear	7	17	1
87–0670	Hose – Reservoir Front	7	16	1
87–0690	Spring – Compression	17	15	2
87–0710	Hood	1	1	1
87–0740	Key – Supervisor Switch	2	19	1
87–1430	Joint – Ball	18	16	4
87–1450	Bushing – Rubber	18	1	8
87–1470	Rod End Assy. – LH Thread	19	19	2
87–1480	Rod End Assy. – RH Thread	19	24	2
87–1490	Spring – Leaf	21	15	2
87–1500	Steering Gear (Complete)	6	*	1
87–1500	Steering Gear Assembly	4	20	1
87–1720	Nut – Supervisor Switch	2	20	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
87—1840	Drum — Brake	22	15	2
87—1910	Pin — Alignment	11	14	2
87—1920	Seal — Shaft	11	6	2
87—1970	Bearing Matched Set	22	20	2
87—2040	Lever — Shift	14	16	1
87—2080	Stud — Drive	22	12	10
87—2100	Bearing — Release	11	26	1
87—2110	Tail Light Assembly	43	10	1
87—2120	Headlight Assembly	1	3	2
87—2150	Fender — Front	12	24	2
87—2240	Housing — Axle	22	7	2
87—2260	Boot — Shift Lower	14	28	1
87—2280	Bearing	4	25	3
87—2310	Clevis — Cable	30	36	3
87—2410	Rod — Tie	19	17	2
87—2420	Boot	18	19	4
87—2440	Bumper	1	7	2
87—2480	Link — Stabilizer	17	24	2
87—2500	Sleeve —Spring Pivot	17	12	2
87—2510	Bracket — Seat Frame	13	11	2
87—2520	Tube — Pivot	14	21	1
87—2540	Pedal — Brake	7	4	1
87—2590	Shaft — Brake Pedal	7	48	1
87—2610	Pedal — Clutch	11	37	1
87—2640	Support — Master Cylinder	7	19	1
87—2650	Gusset	7	21	1
87—2660	Support — Pedal LH	7	18	1
87—2670	Pedal — Accelerator	7	36	1
87—2710	Lever — Parking Brake	15	29	1
87—2790	Tube — Brake LH	18	*	1
87—2800	Tube — Brake RH	18	20	1
87—2820	Bracket — Hose	19	15	2
87—2870	Bracket — Brake Hose	18	4	2
87—2880	Shaft — Accelerator Pedal	7	45	1
87—2890	Cradle — Reservoir	7	14	1
87—2900	Spring — Compression	14	24	1
87—2910	Support — Pedal RH	7	3	1
87—3000	Rim — Rear 23	22	19	2
87—3010	Brake Assembly — RH	19	10	1
87—3010	Front Brake Assembly — RH	20	*	1
87—3020	Brake Assembly — LH	19	*	1
87—3020	Front Brake Assembly — LH	20	*	1
87—3030	Master Cylinder Assembly	7	35	1
87—3040	Brake Fluid Reservoir Assy.	7	11	1
87—3060	Washer — Flat	22	25	2
87—3080	Cable — Battery Negative	25	14	1
87—3100	Lower Shaft Assembly	4	*	1
87—3110	Absorber — Shock	17	29	2
87—3110	Shock Absorber	21	8	2
87—3120	Steering Column & Shaft	4	*	1
87—3130	Lever — Tilt Steering	4	36	1
87—3140	Support — Rear	38	12	1
87—3150	Support — Front	38	15	1
87—3160	Strap — Tank Support	38	17	2
87—3170	Pad — Tank Support Strap	38	18	2
87—3180	Cover — Clutch	27	15	1
87—3190	Disk — Clutch	27	16	1
87—3250	Mount — Bearing	4	26	3
87—3270	Tube — Brake RH	21	3	1
87—3280	Tube — Brake LH	21	22	1
87—3290	Tire — Rear 23	22	16	2
87—3300	Tire	19	5	2
87—3310	Clip — Brake Cable	22	8	2
87—3310	Clip — Brake Cable	19	25	2
87—3450	Plug	19	12	2
87—3460	Boot — Tilt Steering	4	2	1
87—3470	Bumper — Spring	21	14	2
87—3480	Plate — Brake Equalizer	15	22	1
87—3520	Clevis	14	27	1
87—3530	Button — Shifter	14	29	1
87—3540	Link — Shift	14	20	2
87—3560	Tee — Brake Line	9	18	1
87—3560	Tee — Brake Tube	21	23	1
87—3570	Fitting — Union	9	6	3
87—3580	Retainer	21	4	2
87—3580	Retainer	19	14	2
87—3580	Retainer — Brake Hose	22	2	2
87—3580	Retainer — Brake Hose	18	3	2
87—3580	Retainer — Brake Hose	9	8	2
87—3590	Seal — Bearing	22	22	2
87—3590	Seal — Bearing	19	26	2
87—3600	Spacer	17	3	10
87—3610	Bracket — Detent	4	34	1
87—3650	Pin — Shift	14	18	1
87—3660	Spring — Compression	14	30	1
87—3680	Relief Valve Assembly	39	*	1
87—3720	Retainer — Cylinder	40	18	2
87—3750	Cover — Steering Wheel	4	9	1
87—3760	Plate — Shift Boot	12	14	1
87—3770	Bushing — Sleeve	11	7	2
87—3780	Box — Glove	2	3	1
87—3790	Switch — Light	2	22	1
87—3800	Bracket — Seat Bottom	12	3	3
87—3820	Wheel — Steering	4	7	1
87—3830	Brake Assembly RH	22	*	1
87—3830	Rear Brake Assembly — RH	24	*	1
87—3840	Brake Assembly LH	22	9	1
87—3840	Rear Brake Assembly — LH	24	*	1
87—3850	Bar — Anti—Sway	17	17	1
87—3860	Link — Anti—Sway Bar	17	5	2
87—3890	Bracket — Anti—Sway Bar	17	18	2
87—3910	Bushing — Anti—Sway Bar	17	19	2
87—3920	Bushing — Rubber	17	4	24
87—3920	Bushing — Rubber	21	7	8
87—3940	Mount — Spring RH	21	*	1
87—3960	Mount — Spring LH	21	18	1
87—3980	Shackle — Spring	21	11	4
87—3990	Oil Strainer Assembly	30	26	1
87—4010	Clamp — Anti—Sway Bar	17	20	2
87—4030	Supervisor Switch Assy.	2	26	1
87—4060	Spacer — Bearing	22	21	2
87—4070	Bumper — Front	1	14	1
87—4080	Tube — Brake LH	22	6	1
87—4090	Tube — Brake RH	22	1	1
87—4100	Hose — Brake	22	3	2
87—4100	Hose — Brake	21	5	2
87—4230	Harness — Wire Front LH	2	46	1
87—4260	Cable Assembly	14	15	2
87—4260	Shift Cable Assembly	31	51	2
87—4340	Clamp — Cable	14	10	1
87—4350	Lever — Hi—Lo	14	2	1
87—4420	Hi—Lo Cable Assembly	14	6	1
87—4420	Hi—Lo Cable Assembly	31	52	1
87—4460	Differential Lock Cable	15	11	1
87—4470	Bracket	30	23	1
87—4490	Bracket — Hold—Down	39	22	2
87—4500	Rod — Pivot	39	2	1
87—4510	Rod — Connecting	39	3	1
87—4520	Bracket — Dump Valve	40	22	1
87—4540	Hydraulic Tube Assembly	39	20	1
87—4560	Hose — Hydraulic	40	23	1
87—4560	Tube — Hydraulic	39	14	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
87—4710	Spacer — Parking Brake	15	13	1
87—4720	Plate — Steering Boot	4	3	1
87—4730	Guard — Belly	25	26	2
87—4760	Bushing	21	12	12
87—4790	Arm — Accelerator Pedal	7	38	1
87—4820	Bracket — Cable	30	27	1
87—4880	Hose — Hydraulic	40	3	1
87—4900	Hose — Hydraulic	40	1	1
87—4910	Hose — Hydraulic	40	25	1
87—4920	Hose — Hydraulic	30	41	1
87—4960	Clamp — Cable	14	42	1
87—4970	Engine Mount Assembly	25	21	2
87—4970	Transaxle Mount Assembly	30	18	4
87—5030	Lever — Differential Lock	15	3	1
87—5060	Cushion — Seat Bottom	12	7	2
87—5080	Spacer — Connecting	39	25	1
87—5100	Washer	30	17	4
87—5100	Washer — Snubbing	25	20	4
87—5110	Support — Lower	37	19	1
87—5120	Bracket — Battery Base	37	15	1
87—5130	Cover — Battery Base	37	12	1
87—5140	Nut — Lock	39	8	1
87—5150	Screw — Cap Hex. Hd.	39	4	1
87—5290	Shaft — Release	11	5	1
87—5300	Fork — Clutch	11	23	1
87—5320	Guide — Release	11	25	1
87—5330	Washer	17	2	12
87—5340	Seal Kit — Tie Rod End	19	*	4
87—5350	Bracket — Switch	11	18	1
87—5360	Lever	11	15	1
87—5370	Rear Tire & Wheel Assembly	23	*	2
87—5490	Switch — Neutral	11	19	1
87—5520	Spindle — RH	19	13	1
87—5540	Spindle — LH	19	*	1
87—5560	Hub — Wheel	19	8	2
87—5580	Fuel Gauge Assembly	2	15	1
87—5700	Hydraulic Pump Assembly	25	6	1
87—5720	Rim	19	6	2
87—5730	Hose — Hydraulic	30	4	1
87—5770	U—Bracket — Tail Light	43	4	1
87—5800	Bracket — Mount	30	21	2
87—5910	Decal — Supervisor	2	16	1
87—5920	Decal — Danger	12	26	1
87—5930	Decal — Caution	12	10	1
87—5940	Decal — Rollover	16	2	1
87—5960	Decal — Axle Range	12	11	1
87—5970	Decal — PTO	12	16	1
87—5980	Decal — ROPS	16	3	2
87—5990	Decal — PTO	22	40	1
87—6000	Decal — Differential Lock	12	17	1
87—6010	Decal — Dump Hydraulics	12	19	1
87—6020	Decal — Parking Brake	12	20	1
87—6030	Decal — Workman 3100	1	15	1
87—6040	Bracket — Shifter	14	22	1
87—6060	Decal — ATF	22	4	1
87—6080	Washer	27	10	1
87—6170	Frame — Seat	13	14	1
87—6240	Bracket — Seat Back	13	23	4
87—6280	Plate — Seat Back	13	18	2
87—6290	Cushion — Seat Back	13	17	2
87—6300	Lens	43	7	1
87—6310	Gasket	43	9	1
87—6320	Bulb — Headlight	1	5	2
87—6330	Lens — Headlight	1	6	2
87—6370	Rear Tire & Wheel Assembly	23	*	2
87—6390	Adapter — Clutch	27	5	1
87—6400	Frame — Engine	25	31	1
87—6410	Bracket — Harness	11	11	1
87—6460	Bearing — Pilot	27	12	1
87—6480	Flywheel	27	18	1
87—6570	Foam — Seal	14	38	1
87—6620	Screw	1	10	15
87—6620	Screw — Torx Pan Hd.	11	38	2
87—6640	Lever — Dump Stop	15	14	1
87—6670	Decal — Fuse Block	2	40	1
87—6710	Switch — Supervisor	30	33	1
87—6720	Knob	14	17	1
87—6740	Tire — Rear 24	22	*	2
87—6750	Rim — Rear 24	22	*	2
87—6890	Hold — Hand	12	1	1
87—6910	Spring — Compression	30	13	1
87—6950	Receiver — LH	16	6	1
87—6960	Receiver — RH	16	7	1
87—7040	Bracket — Oil Filter	30	2	1
87—7070	Skirt Assembly	12	2	1
87—7090	R.O.P.S. Frame Assembly	16	1	1
87—7110	Rear Axle Assembly	22	5	1
87—7150	Spring Cradle Assembly	17	13	2
87—7160	Cable Clevis Assembly	14	7	3
87—7170	Bracket — Clutch Spring	30	45	1
87—7270	Washer — Flat	22	23	6
87—7470	Plate — Clamp	21	16	2
87—7480	Washer — Flat	21	34	8
87—7480	Washer — Flat	4	37	3
87—7570	Retainer — Reservoir	7	12	1
87—7600	Rod — Battery Support	37	21	1
87—7610	Tab — Battery Support	37	3	1
87—7620	Shield — Plastic	37	14	1
87—7660	Clamp — Brake Line	9	2	8
87—7710	Pulley	27	1	1
87—7740	Pulley	25	17	1
87—7750	Cable — Accelerator	28	4	1
87—7750	Cable — Accelerator	7	40	1
87—7780	Bracket — Throttle	28	12	1
87—7790	Lever — Choke	28	2	1
87—7800	Lever — Throttle	28	14	1
87—7840	Muffler — Exhaust	29	10	1
87—7850	Manifold — Exhaust	29	16	1
87—7860	Shield — Heat	29	17	1
87—7900	Engine Assembly	27	3	1
87—7910	Decal — Dash	2	9	1
87—7930	Decal — Danger	13	6	1
87—7930	Decal — Warning	40	16	2
87—7930	Decal — Warning	41	13	1
87—7940	Stud	13	8	1
87—7950	Bed Support Assembly	13	7	1
87—7960	Clamp — Shift Arm	30	48	2
87—7970	Arm — Shift	30	15	1
87—7980	Bracket — Muffler	29	14	1
87—7990	Hydraulic Cylinder Assy.	40	17	2
87—8000	Cable — Battery Positive	27	24	1
87—8010	Harness — Wire Rear	43	5	1
87—8020	Hose — Hydraulic	40	5	1
87—8020	Hose — Hydraulic	25	11	1
87—8030	Hose — Hydraulic	25	4	1
87—8030	Hose — Hydraulic	31	54	1
87—8060	Cable — Choke	28	3	1
87—8060	Choke Control Assembly	12	27	1
87—8080	Console Plate Assembly	12	21	1
87—8110	Lever Support Assembly	14	14	1
87—8120	Bracket — Trim Side	1	11	2
87—8130	Bracket — Trim Top	1	19	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
87—8160	Trim	1	20	1
87—8170	Fitting — Hydraulic 90°	25	2	1
87—8200	Harness — Wire Front	2	41	1
87—8240	Cable — Parking Brake	15	24	2
87—8240	Cable — Parking Brake	25	32	2
87—8250	Plate — Shift Arm	30	10	1
87—8350	Fuel Tank Assembly	38	2	1
87—8360	Plug — Hole	2	10	2
87—8370	Belt — V	25	29	1
87—8370	Belt — V	27	29	1
87—8440	Rear Frame Assembly	21	2	1
87—8460	Bumper	11	34	1
87—8471	Bracket — Clutch	11	41	1
87—8560	Control Panel Assembly	2	45	1
87—8580	Light — Indicator (Red)	2	7	1
87—8590	Cable — Clutch	2	47	1
87—8590	Clutch Cable Assembly	11	31	1
87—8620	Boot — Shift	12	13	1
87—8640	Washer — Flat	29	8	4
87—8640	Washer — Flat	14	26	1
87—8650	Gasket — Muffler	29	12	3
87—8680	Plate — Muffler Mount	29	5	1
87—8700	Screw — Cap Hex. Hd.	22	37	4
87—8710	Tab — Clutch	11	40	1
87—8730	Stud — Drive	19	9	10
87—8770	Decal — Air Cleaner	27	4	1
87—8780	Head — Oil Filter	30	43	1
87—8790	Starter Cover Plate Assy.	11	10	1
87—9080	Decal — Grease	22	44	2
87—9250	Transaxle Assembly	30	22	1
87—9320	Mudflap	1	26	2
87—9330	Bracket — Mudflap LH	1	23	1
87—9340	Bracket — Mudflap RH	1	*	1
87—9350	Hydraulic Tube Assembly	39	16	1
87—9510	Decal — Load Rating	1	16	1
92—0650	Bearing — Ball	34	22	1
92—0651	Case — Transaxle	32	19	1
92—0652	Cover — Upper	32	7	1
92—0653	Cover — Side	32	9	1
92—0654	Carrier — Differential	32	17	1
92—0655	Cover — Seal	32	30	1
92—0656	Cover — P.T.O.	32	1	1
92—0657	Plate — Center	32	21	1
92—0662	Cap — Oil	32	5	1
92—0663	Shaft — Main	34	16	1
92—0664	Hub — Synchro	34	12	2
92—0665	Key — Synchro	34	23	6
92—0666	Spring — Synchro	34	13	4
92—0667	Ring — Synchro	34	6	3
92—0668	Shifter — Synchro	34	7	2
92—0672	Gear — 18T	34	19	1
92—0673	Gear — 14T	34	21	1
92—0674	Shaft — Reduction	34	28	1
92—0677	Gear — 49T	34	31	1
92—0679	Gear — 23T	34	25	1
92—0680	Collar	34	26	1
92—0681	Bearing — Needle	34	30	2
92—0682	Washer — Thrust	34	29	1
92—0684	Gear — 33T	34	10	1
92—0687	Gear — 16T	34	18	1
92—0698	Shaft — Fork R—1	35	14	1
92—0699	Shaft — Fork 2—3	35	7	1
92—0700	Fork — Shift R—1	35	3	1
92—0701	Fork — Shift 2—3	35	6	1
92—0705	Lock — Spindle	35	20	1
92—0706	Cap — Fork Shaft	32	25	1
92—0708	Shaft — Fork Hi—Lo	35	16	1
92—0709	Fork — Shift Hi—Lo	35	17	1
92—0710	Counter Shaft Assembly	33	14	1
92—0710	Ring Gear Assembly	36	8	1
92—0711	Washer — Thrust	33	4	2
92—0712	Bearing — Ball	33	1	1
92—0713	Collar	33	12	1
92—0714	Bearing — Ball	33	13	2
92—0715	Gear — 49T	33	6	1
92—0716	Collar	33	2	1
92—0717	Gear — 71T	33	9	1
92—0718	Shifter — Hi—Lo	33	7	1
92—0719	Collar — Spline	33	8	1
92—0720	Case — Differential	36	31	1
92—0721	Fork — Differential Lock	36	17	1
92—0722	Shaft — Lock Fork	36	18	1
92—0723	Spring — Compression	36	19	1
92—0724	Arm — Differential Lock	36	27	1
92—0725	Shaft — Axle L.H.	36	28	1
92—0726	Shaft — Axle R.H.	36	1	1
92—0727	Washer	36	4	2
92—0728	Washer	36	2	1
92—0729	Seal — Oil	35	10	3
92—0730	Slider — Differential Lock	36	7	1
92—0731	Spring — Compression	35	2	3
92—0732	Plate — Keeper	35	8	3
92—0733	Washer	36	20	1
92—0740	Washer — Thrust	34	3	3
92—0741	Washer — Thrust	33	10	1
92—0743	Breather — Air	32	27	1
92—0744	Washer	36	14	1
92—0745	Gear — Side L.H.	36	24	1
92—0746	Gear — Side R.H.	36	11	1
92—0747	Washer — Thrust	36	10	2
92—0748	Gear — Pinion	36	12	2
92—0749	Shaft — Pinion	36	23	1
92—0750	Washer	36	13	2
92—0753	Ring — Retaining	34	2	1
92—0753	Ring — Retaining	36	21	1
92—0754	Ring — Retaining	34	20	1
92—0755	Ring — Retaining	33	11	1
92—0756	Ring — Retaining	36	5	3
92—0759	Ring — Retaining	32	22	1
92—0760	Ring — Retaining	32	15	1
92—0761	Ring — Retaining	35	18	1
92—0762	Washer — Lock	32	3	1
92—0763	Ring — Retaining	34	14	3
92—0764	Ring — Retaining	33	3	3
92—0765	Pin — Alignment	32	8	4
92—0765	Pin — Alignment	36	9	2
92—0768	Pin — Spring	36	15	2
92—0769	Pin — Spring	35	4	2
92—0770	Pin — Spring	36	26	1
92—0771	Pin — Spring	36	16	1
92—0772	Key	34	17	2
92—0773	Drain Plug Assembly	32	13	1
92—0775	Bearing — Ball	36	6	2
92—0775	Bearing — Ball	32	33	2
92—0776	Bearing — Ball	36	29	1
92—0778	Bearing — Ball	34	11	2
92—0780	Bearing — Ball	36	3	1
92—0781	Bearing — Needle	34	4	4
92—0782	Bearing — Needle	34	33	1
92—0783	Sleeve — Inner	33	5	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92—0785	Ball	35	1	3
92—0787	O—Ring	36	22	1
92—0788	O—Ring	32	6	1
92—0789	O—Ring	32	14	1
92—0790	O—Ring	32	29	1
92—0791	Seal — Oil	32	26	1
92—0793	Seal — Oil	32	16	2
92—0793	Seal — Oil	36	32	2
92—0796	Screw — Cap Hex. Hd.	32	31	5
92—0803	Screw — Hex. Flange Hd.	36	30	12
92—0804	Stud	32	28	1
92—0807	Cap — Sealing	32	23	1
92—0808	Shim Set	32	20	1
92—0809	Shim Set	32	11	1
92—0816	Arm — Shift Fork R—1	35	15	1
92—0817	Arm — Shift Fork 2—3	35	5	1
92—0818	Arm — Shift Fork Hi—Lo	35	19	1
92—0819	Gear — 40T	34	32	1
92—0820	Gear — 27T	34	5	1
92—0821	Gear — 24T	34	15	1
92—0822	Gear — 28T	34	24	1
92—0823	Gear — 43T	34	27	1
92—0824	Shaft — Reverse Idler	34	9	1
92—2152	Bushing — Dowel	27	6	2
92—2160	Cartridge — Relief Valve	39	12	1
92—2161	Body — Relief Valve	39	28	1
92—2162	Head	41	6	1
92—2163	Shaft	41	2	1
92—2165	Kit — Repair	41	*	1
92—2173	Screw — Cap Socket Head	26	18	8
92—2174	Screw — Adjusting	26	22	1
92—2175	Gear	26	11	2
92—2176	Pin — Dowel	26	16	2
92—2177	Pin — Shear	26	7	1
92—2178	Ring — Crescent	26	4	4
92—2179	Key — Square	25	5	1
92—2179	Key — Square	26	5	1
92—2180	Gasket — Copper	26	23	1
92—2181	Plate — Pressure	26	13	1
92—2182	Plate — Seal	26	9	1
92—2183	Plate — Wear	26	10	1
92—2184	Cap — Relief Valve	26	24	1
92—2185	Plug	26	19	1
92—2186	Spacer	26	3	1
92—2187	Housing — Gear, End	26	17	1
92—2188	Stator	26	8	1
92—2189	Shaft — Drive	26	6	1
92—2190	Shaft — Idler	26	25	1
92—2191	Bearing	26	27	1
92—2192	Bearing	26	12	4
92—2193	Ball	26	20	1
92—2194	Spring	26	21	1
92—2195	Seal — Oil	26	2	1
92—2196	Seal — Pressure Plate	26	15	1
92—2197	Seal — Back Up	26	14	1
92—2198	Seal	26	26	1
92—2199	Key — Ball	26	28	1
92—2609	Decal — Remote Hydraulics	12	18	1
92—2697	Hose — Hydraulic	40	4	1
92—4101	Primary Piston Assembly	8	11	1
92—4102	Secondary Piston Assembly	8	4	1
92—4103	Pin — Stop	8	3	1
92—4104	Adaptor — Pipe Fitting	8	1	2
92—4106	Rod — Push	8	8	1
92—4107	Dust Cover	8	7	1
92—4108	Washer — Retainer	8	10	1
92—4109	Circlip	8	9	1
92—4110	Clevis	8	5	1
92—4112	Cap Assembly	7	5	1
92—4113	Screw — Bleed	20	4	1
92—4114	Cap — Bleed Screw	20	5	1
92—4114	Cap — Bleed Screw	24	5	1
92—4115	Backplate Assembly LH	20	2	1
92—4116	Backplate Assembly RH	20	*	1
92—4117	Wheel Cylinder Assy. — LH	20	*	1
92—4118	Wheel Cylinder Assy. — RH	20	*	1
92—4119	Kit — Seal	20	*	1
92—4120	Shoe & Lining Set	20	13	1
92—4121	Adjuster Assembly — LH	20	*	1
92—4122	Adjuster Assembly — RH	20	*	1
92—4123	Pawl Assembly — LH	20	19	1
92—4123	Pawl Assembly — LH	24	19	1
92—4124	Pawl Assembly — RH	20	*	1
92—4124	Pawl Assembly — RH	24	*	1
92—4125	Plug	20	3	1
92—4126	Spring — Shoe, Upper LH	20	14	1
92—4127	Spring — Shoe, Upper RH	20	*	1
92—4128	Spring — Shoe, Lower	20	15	1
92—4129	Spring — Adjuster, LH	20	20	1
92—4130	Spring — Adjuster, RH	20	*	1
92—4131	Washer — Hold Down	20	22	2
92—4131	Washer — Hold Down	24	22	2
92—4132	Spring — Hold Down	20	23	2
92—4133	Pin — Hold Down	20	26	2
92—4133	Pin — Hold Down	24	26	2
92—4134	Plug — Inspection	20	25	1
92—4134	Plug — Inspection	24	25	1
92—4135	Set Bolt	20	1	2
92—4135	Set Bolt	24	1	2
92—4137	Screw — Bleed	24	4	1
92—4138	Backplate Assembly LH	24	2	1
92—4139	Backplate Assembly RH	24	*	1
92—4140	Wheel Cylinder Assy. — LH	24	*	
92—4141	Wheel Cylinder Assy. — RH	24	*	1
92—4142	Seal Kit	24	*	1
92—4143	Shoe & Lining Set	24	13	1
92—4144	Adjuster Assembly — LH	24	*	1
92—4145	Adjuster Assembly — RH	24	*	1
92—4146	Plug	24	3	1
92—4147	Spring — Shoe, Upper LH	24	14	1
92—4148	Spring — Shoe, Upper RH	24	*	1
92—4149	Spring — Shoe, Lower	24	15	1
92—4150	Spring — Adjuster, LH	24	20	1
92—4151	Spring — Adjuster, RH	24	*	1
92—4152	Spring — Hold Down	24	23	2
92—4153	Steering Column Assembly	4	11	1
92—4154	Universal Joint Assembly	4	31	1
92—4155	Upper Slip Joint Assembly	4	28	1
92—4156	Lower Slip Joint Assembly	4	29	1
92—4157	Boot — Steering Shaft	4	24	1
92—4158	Valve Assy. — Hyd. Gear	6	*	1
92—4159	Nut — Adjuster Plug Lock	5	25	1
92—4160	Bearing Service Kit — Upper	6	*	1
92—4161	Service Cover Assembly	5	*	1
92—4162	Pitman Shaft — Gear Service	6	*	1
92—4163	Steering Housing Assembly	6	*	1
92—4164	Plug Assy. — Service Adjust.	6	*	1
92—4165	Plug — Housing End	5	2	1
92—4166	Rack/Piston/Nut Assembly	6	*	1
92—4167	Service Plug Assembly	6	*	1
92—4168	Return — Guide Ball	5	7	2
92—4169	Bearing — Needle	5	21	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92–4170	Bearing – Pitman Shaft	5	47	1
92–4177	Yoke – Double Clamp	22	34	2
92–4179	Yoke, Shaft & Seal Tube	22	33	2
92–4180	Seal	22	32	2
92–4182	Yoke & Hub	22	31	2
92–4187	Cross & Bearing Kit	22	30	4
92–4188	Ring – Snap	22	28	16
92–4189	Strap & Bolt Kit	22	36	4
92–4190	Yoke – End	22	29	2
92–4197	Operators Platform Assy.	1	17	1
92–5951	Angle – Hitch	22	41	1
92–5972	Grommet	13	5	4
93–3101	Cap – Fuel	38	1	1
93–7081	Tube – Brake Front RH	9	10	1
93–7082	Tube – Brake Front LH	9	16	1
93–7083	Tube – Brake Front	9	1	1
93–7084	Tube – Brake Rear	9	5	1
93–7085	Tube – Brake Front	9	19	1
93–7086	Tube – Brake Rear	9	7	1
93–7087	Tube – Brake Rear	9	12	1
93–7090	Stub – Axle	22	14	2
93–7094	Cover – Wire Harness	2	36	1
93–7095	Support – Engine	25	28	1
93–7121	Housing – Bell	11	8	1
93–7123	Hose – Brake Front	18	8	2
93–7123	Hose – Brake Front	9	9	2
93–7124	Driveshaft Assembly	23	*	2
93–7131	Harness – Wire Rear	2	38	1
93–7133	Arm – Control Upper LH	18	*	1
93–7135	Arm – Control Upper RH	18	21	1
93–7145	Screw – Cap Hex. Hd.	4	19	3
93–8943	Plate – Tail Light LH	43	12	1
93–8990	Decal – Quick Reference	12	23	1
218–446	Nut – Hex.	2	12	1
218–447	Washer – Lock	2	13	1
218–574	Fuse 7.5 Amp.	2	42	2
218–578	Fuse 10 Amp.	2	43	1
218–600	Bulb	2	21	1
232–27	Stem – Valve	19	31	2
232–27	Valve – Stem	22	17	2
233–37	Knob	14	1	1
233–39	Knob	39	1	1
233–39	Knob	4	1	1
233–48	Knob	15	4	1
237–21	Seal – O–Ring	40	2	6
237–22	Seal – O–Ring	40	6	2
237–22	Seal – O–Ring	39	9	4
237–22	Seal – O–Ring	25	10	1
237–30	O–Ring	30	34	2
237–42	O–Ring	42	2	2
237–42	Seal – O–Ring	40	8	2
237–42	Seal – O–Ring	39	11	2
237–42	Seal – O–Ring	30	47	1
237–78	Seal – O–Ring	40	15	4
237–79	Seal – O–Ring	25	8	1
237–79	Seal – O–Ring	30	39	2
237–80	Seal – O–Ring	25	12	1
237–81	Seal – O–Ring	30	28	1
237–123	Seal – O–Ring	30	25	1
240–5	Grommet	11	30	1
240–6	Grommet	7	22	1
241–119	Cap Dust	19	1	2
2410–35	Plug – Hole	2	6	1
2410–42	Cap – Front Bumper	1	12	2
2411–33	Joint – Ball	11	3	1
2412–10	Clamp – R	18	7	2
2412–34	Clamp – Hose	25	3	1
2412–34	Clamp – Hose	31	53	1
2412–36	Clamp	38	8	1
2412–36	Clamp – Hose	30	3	3
2412–89	Clamp – R	25	1	2
2412–89	Clamp – R	37	5	1
2412–89	Clamp – R	9	21	1
2412–89	Clamp – R	11	28	1
2412–89	Clamp – R	2	31	1
2412–93	Clamp – R	43	1	1
2412–96	Clamp – R	38	23	1
2412–105	Clamp – R	4	17	2
2412–108	Clamp – Hose	38	10	4
2412–133	R–Clamp	13	3	2
2412–143	Clamp – Hose	7	15	2
2412–144	Clamp – Hose	7	34	2
2412–149	Clamp – Tube	21	24	5
2412–149	R–Clamp	9	14	2
251–8	Bearing – Ball	34	1	2
251–346	Bearing – Ball	34	8	1
254–72	Cup – Bearing	19	29	2
254–94	Cone – Bearing	19	30	2
254–106	Cone – Bearing	19	27	2
254–107	Cup – Bearing	19	28	2
256–257	Bushing – Flange	7	1	2
256–257	Bushing – Flange	11	36	2
283–2	Pin – Clevis	7	29	1
283–14	Pin – Clevis	15	23	1
283–30	Pin – Clevis	11	33	1
283–30	Pin – Clevis	7	42	1
283–62	Pin – Clevis	15	6	1
283–62	Pin – Clevis	14	8	3
283–62	Pin – Clevis	30	35	3
283–85	Pin – Clevis	7	39	1
302–5	Fitting – Grease	18	14	4
302–5	Fitting – Grease	19	20	4
302–5	Fitting – Grease	4	30	1
302–5	Fitting – Grease	22	35	2
302–11	Fitting – Grease	17	8	2
302–58	Fitting – Grease	23	46	16
321–2	Screw – Cap Hex. Hd.	2	1	7
321–3	Screw – Cap Hex. Hd.	2	4	2
321–3	Screw – Cap Hex. Hd.	4	33	2
321–4	Screw – Cap Hex. Hd.	29	1	2
321–4	Screw – Cap Hex. Hd.	37	8	1
321–4	Screw – Cap Hex. Hd.	12	9	8
321–4	Screw – Cap Hex. Hd.	9	13	3
321–4	Screw – Cap Hex. Hd.	13	20	8
321–4	Screw – Cap Hex. Hd.	1	24	4
321–4	Screw – Cap Hex. Hd.	11	29	1
321–4	Screw – Cap Hex. Hd.	2	32	1
321–6	Screw – Cap Hex. Hd.	43	2	2
321–6	Screw – Cap Hex. Hd.	18	5	2
321–9	Screw – Cap Hex. Hd.	9	3	4
321–9	Screw – Cap Hex. Hd.	39	5	2
321–9	Screw – Cap Hex. Hd.	15	27	1
321–14	Screw – Cap Hex. Hd.	40	9	2
321–15	Screw – Cap Hex. Hd.	39	13	1
322–2	Screw – Cap Hex. Hd.	7	2	12
322–2	Screw – Cap Hex. Hd.	9	11	1
322–2	Screw – Cap Hex. Hd.	4	16	6
322–2	Screw – Cap Hex. Hd.	2	37	3
322–3	Screw – Cap Hex. Hd.	40	21	4
322–4	Screw – Cap Hex. Hd.	29	13	2
322–5	Screw – Cap Hex. Hd.	12	6	8
322–5	Screw – Cap Hex. Hd.	18	10	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
322—5	Screw — Cap Hex. Hd.	7	13	1
322—5	Screw — Cap Hex. Hd.	43	14	2
322—5	Screw — Cap Hex. Hd.	25	16	1
322—5	Screw — Cap Hex. Hd.	39	24	1
322—12	Screw — Cap Hex. Hd.	14	25	1
323—4	Screw — Cap Hex. Hd.	38	13	2
323—4	Screw — Cap Hex. Hd.	1	22	1
323—6	Screw — Cap Hex. Hd.	15	1	1
323—6	Screw — Cap Hex. Hd.	22	11	8
323—6	Screw — Cap Hex. Hd.	13	12	2
323—6	Screw — Cap Hex. Hd.	38	22	1
323—6	Screw — Cap Hex. Hd.	14	37	1
323—7	Screw — Cap Hex. Hd.	30	14	4
323—7	Screw — Cap Hex. Hd.	7	31	2
323—7	Screw — Cap Hex. Hd.	22	43	4
323—8	Screw — Hex. Flange Hd.	19	11	8
323—9	Screw — Cap Hex. Hd.	37	16	1
323—9	Screw — Cap Hex. Hd.	27	27	4
323—10	Screw — Cap Hex. Hd.	30	8	1
323—12	Screw — Cap Hex. Hd.	17	6	8
324—4	Screw — Cap Hex. Hd.	27	19	4
324—9	Screw — Cap Hex. Hd.	17	22	4
324—10	Screw — Cap Hex. Hd.	17	1	4
324—12	Screw — Cap Hex. Hd.	25	35	2
324—13	Screw — Cap Hex. Hd.	17	10	2
325—4	Screw — Cap Hex. Hd.	13	15	2
325—13	Screw — Cap Hex. Hd.	18	11	8
325—13	Screw — Cap Hex. Hd.	17	27	4
325—19	Screw — Cap Hex. Hd.	22	27	1
325—20	Screw — Cap Hex. Hd.	22	24	5
329—6	Screw — Cap Hex. Hd.	28	9	1
329—7	Screw — Cap Hex. Hd.	28	11	1
3211—8	Screw — Cap Hex. Hd.	14	13	2
3215—1	Screw — Cap Hex. Hd.	30	16	2
3217—25	Nut — Hex	2	24	2
3217—29	Nut — Hex.	2	27	3
3218—18	Nut — Jam	14	43	1
3218—20	Nut — Jam	11	17	2
3218—21	Nut — Jam	19	18	2
3219—14	Nut	14	5	1
3219—14	Nut — Hex.	30	32	1
3220—1	Nut — Jam	28	10	2
3220—1	Nut — Jam	30	37	4
3220—1	Nut — Jam	14	41	4
3220—2	Nut — Jam	11	2	1
3220—3	Nut — Jam	14	12	2
3220—3	Nut — Jam	12	28	1
3220—11	Nut — Jam	19	23	2
3229—25	Screw — Carriage	40	19	2
3230—2	Bolt — Carriage	29	4	5
3230—18	Bolt — Carriage	13	2	2
3230—22	Bolt — Carriage	25	30	1
3230—23	Bolt — Carriage	37	6	4
3231—3	Bolt — Carriage	17	21	4
3231—21	Bolt — Carriage	37	7	6
3231—21	Bolt — Carriage	39	21	2
3231—21	Bolt — Carriage	13	22	4
3231—21	Bolt — Carriage	14	32	4
3232—17	Bolt — Carriage	21	19	8
3234—1	Screw — Hex. Flange Hd.	1	13	6
3234—4	Screw — Hex. Flange Hd.	21	26	4
3234—4	Screw — Hex. Flange Hd.	30	42	4
3234—11	Screw — Cap Hex. Hd.	25	25	6
3234—38	Screw — Cap Hex. Hd.	38	19	2
3234—38	Screw — Hex. Flange Hd.	21	17	22
3234—40	Screw — Hex. Flange Hd.	16	4	4
3250—13	Screw	2	44	2
3250—13	Screw — Hex. Hd.	12	15	20
3250—13	Screw — Pan Hd.	1	27	4
3253—4	Washer — Lock	12	5	8
3253—4	Washer — Lock	27	14	6
3253—4	Washer — Lock	4	14	4
3253—6	Washer — Lock	27	20	4
3253—6	Washer — Lock	23	45	10
3253—15	Washer — Lock	38	5	5
3253—15	Washer — Lock	2	23	2
3253—19	Washer — Lock	2	28	3
3253—21	Washer — Lock	22	10	8
3253—21	Washer — Lock	13	13	2
3253—21	Washer — Lock	19	33	8
3253—22	Washer — Lock	27	7	4
3253—22	Washer — Lock	11	12	4
3255—8	Washer — Lock ETLW	25	13	1
3255—9	Washer — Lock	27	28	1
3255—9	Washer — Lock ETLW	37	2	1
3256—4	Washer — Flat	30	12	1
3256—6	Washer — Flat	21	9	4
3256—6	Washer — Flat	17	32	2
3256—14	Washer — Flat	39	30	1
3256—22	Washer — Flat	9	4	4
3256—22	Washer — Flat	2	5	2
3256—22	Washer — Flat	12	8	8
3256—22	Washer — Flat	43	11	2
3256—22	Washer — Flat	39	18	3
3256—22	Washer — Flat	13	19	8
3256—22	Washer — Flat	11	39	2
3256—23	Washer — Flat	12	4	8
3256—23	Washer — Flat	43	15	2
3256—23	Washer — Flat	15	21	1
3256—23	Washer — Flat	39	26	2
3256—24	Washer — Flat	37	17	2
3256—24	Washer — Flat	27	26	4
3256—25	Washer — Flat	27	21	4
3256—25	Washer — Flat	25	34	2
3256—27	Washer — Flat	21	6	8
3256—27	Washer — Flat	17	31	2
3256—28	Washer — Flat	19	3	2
3256—28	Washer — Flat	27	30	1
3256—45	Washer — Flat	25	18	1
3256—61	Washer — Flat	12	25	14
3256—61	Washer — Flat	1	29	4
3257—5	Key — Woodruff	27	9	1
3257—7	Key — Woodruff	27	2	1
3269—27	Rivet — Plastic	37	13	4
3272—6	Pin — Cotter	14	3	3
3272—6	Pin — Cotter	30	30	3
3272—6	Pin — Cotter	7	37	1
3272—10	Pin — Cotter	15	8	2
3272—10	Pin — Cotter	11	32	1
3272—10	Pin — Cotter	7	43	1
3272—12	Pin — Cotter	18	17	4
3272—12	Pin — Cotter	19	21	4
3272—12	Pin — Cotter	19	32	2
3272—37	PIn — Cotter	40	20	2
3274—1	Screw — Hex. Socket Hd.	27	11	1
3274—15	Screw — Hex. Socket Hd.	28	16	1
3274—31	Screw — Hex. Socket Hd.	2	8	4
3274—54	Screw — Hex. Socket Hd.	38	16	2
3277—1	Nut — Hex.	4	5	1
3290—221	Washer — Spring	14	34	1
3290—221	Washer — Spring	15	36	2
3290—321	Screw — Hex. Flange Hd.	7	10	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3290–357	Nut – Flange	38	20	3
3290–357	Nut – Flange Lock	37	1	6
3290–357	Nut – Flange Lock	1	8	9
3290–357	Nut – Flange Lock	13	10	4
3290–357	Nut – Flange Lock	17	16	4
3290–357	Nut – Flange Lock	14	33	4
3290–357	Nut – Flange Lock	7	33	2
3290–413	Washer – Belleville	25	23	12
3290–455	Washer	4	12	1
3290–456	Washer – Belleville	14	46	2
3290–477	Washer – Curved	15	28	1
3290–478	Washer – Belleville	15	17	1
3290–506	Palnut	43	3	2
3290–507	Pin – Dowel	14	31	1
3296–2	Nut – Lock	7	8	2
3296–2	Nut – Lock	12	22	20
3296–2	Nut – Lock	1	30	4
3296–2	Nut – Lock	2	39	2
3296–3	Nut – Lock	28	13	1
3296–4	Nut – Lock	11	4	1
3296–5	Nut – Lock	25	19	1
3296–15	Nut – Lock	27	31	1
3296–23	Nut – Flange Lock	18	12	8
3296–23	Nut – Lock	21	10	4
3296–23	Nut – Lock	17	14	4
3296–23	Nut – Lock	13	16	2
3296–24	Washer – Lock	43	16	2
3296–29	Nut – Lock	7	6	1
3296–29	Nut – Lock	25	7	2
3296–29	Nut – Lock	28	7	1
3296–29	Nut – Lock	11	16	1
3296–29	Nut – Lock	39	27	1
3296–39	Nut – Flange Lock	30	20	4
3296–39	Nut – Flange Lock	37	20	1
3296–39	Nut – Lock	21	13	6
3296–39	Nut – Lock	19	16	8
3296–39	Nut – Lock	25	22	6
3296–39	Nut – Lock	39	23	2
3296–39	Nut – Lock	27	25	4
3296–39	Nut – Lock	17	28	8
3296–39	Nut – Lock	15	33	1
3296–39	Nut – Lock	22	42	4
3296–39	Nut – Lock	14	45	1
3296–42	Nut – Lock	15	12	2
3296–42	Nut – Lock	18	13	2
3296–42	Nut – Lock	43	13	2
3296–42	Nut – Lock	38	14	2
3296–42	Nut – Lock	39	19	2
3296–42	Nut – Lock	9	20	5
3296–42	Nut – Lock	4	32	2
3296–48	Nut – Lock	17	11	10
3296–48	Nut – Lock	25	27	2
3296–58	Nut – Lock	14	11	2
3296–59	Nut – Lock	4	13	1
3296–76	Nut – Lock	21	33	8
32104–82	Screw – Hex. Flange Hd.	21	25	2
32104–88	Screw	1	4	6
32120–47	Ring – E	11	35	2
32120–47	Ring – E	7	41	1
32120–47	Ring – Retaining	15	10	3
32121–7	Pin – Roll	11	22	1
32121–24	Pin – Roll	11	24	2
32121–48	Pin – Roll	14	23	1
32122–24	Screw – Round Hd.	38	6	5
32128–20	Nut – Flange	9	17	1
32128–20	Nut – Flange	4	27	6
32128–20	Nut – Flange	2	35	3
32128–20	Nut – Flange Head	40	12	4
32128–20	Nut – Flange Lock	18	6	2
32128–20	Nut – Flange Lock	29	7	5
32128–20	Nut – Flange Lock	7	7	13
32128–20	Nut – Flange Lock	37	18	2
32128–20	Nut – Flange Lock	13	21	8
32128–21	Nut – Lock	30	11	1
32128–23	Nut – Flange	38	21	2
32128–23	Nut – Flange Lock	16	5	4
32128–23	Nut – Flange Lock	21	21	22
32128–25	Nut – Lock	29	11	2
32128–33	Nut – Flange	2	34	12
32128–33	Nut – Flange Head	40	13	4
32128–33	Nut – Flange Head	9	15	2
32128–33	Nut – Flange Lock	30	1	1
32128–33	Nut – Flange Lock	29	3	2
32128–33	Nut – Flange Lock	37	4	1
32128–33	Nut – Flange Lock	39	6	1
32128–33	Nut – Flange Lock	28	8	1
32128–33	Nut – Flange Lock	11	27	1
32128–33	Nut – Flange Lock	21	27	4
32128–33	Nut – Lock	1	25	4
32128–36	Nut – Lock	22	38	4
32128–44	Nut – Flange Lock	13	9	2
32128–53	Nut – Flange Lock	22	26	2
32136–2	Nut – Slotted	18	2	4
32136–3	Nut – Slotted	19	22	4
32136–5	Nut Slotted	19	2	2
32144–4	Screw – Hex. Washer Hd.	14	9	2
32144–10	Screw – Self Tapping	4	18	2
32144–10	Screw – Self Tapping	25	33	2
32144–14	Screw – Self Tapping	25	15	1
32144–18	Screw – Cap Hex. Hd.	2	17	2
32144–52	Screw – Hex. Hd.	12	12	6
32144–93	Screw – Self Tapping	43	6	2
32144–116	Screw – Pan Head	4	8	8
32148–6	Insert – Threaded	2	2	2
32148–7	Nut – Clinch	1	18	8
32148–7	Nut – Clinch	14	19	2
32148–10	Insert – Threaded	21	1	8
32148–15	Insert – Threaded	14	4	1
32148–15	Nut – Clinch	30	31	1
32151–41	Ring – Retaining	26	1	1
32151–56	Ring – Push–On	7	23	1
32151–104	Ring – Snap	18	15	4
32152–10	Nut	41	12	1
340–2	Fitting – Straight	40	11	1
340–3	Fitting – Hydraulic Straight	25	9	1
340–77	Fitting – Hydraulic 90°	40	7	1
340–86	Fitting – Hydraulic Tee	39	15	1
340–92	Fitting – Hydraulic Straight	40	26	1
340–94	Fitting – Hydraulic Tee	39	10	1
340–132	Fitting – Hydraulic 90°	40	14	4
340–140	Fitting – Hydraulic Tee	40	24	1
340–151	Fitting – Hydraulic Tee	40	27	1
353–987	Fitting – Hydraulic 90°	30	29	1
354–134	Fitting – Hydraulic 90°	30	40	2
354–135	Fitting – Hydraulic 90°	30	5	1

*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.

TABLE OF CONTENTS

Description	Page
Front Bumper & Hood Assembly	1
Control Panel Assembly	2
Electrical Schematic	3
Steering Linkage Assembly	4
Steering Gear Assembly No. 87—1500	5—6
Brake & Accelerator Pedal Assembly	7
Master Brake Cylinder No. 87—3030	8
Hydraulic Brake Line Routing Assembly	9
Hydraulic Schematic	10
Clutch Linkage Assembly	11
Seat Base Assembly	12
Seat Back Assembly	13
Hi—Lo Shift Levers Assemblies	14
Differential Lock & Parking Brake Assemblies	15
R.O.P.S. Assembly	16
Front Suspension Assembly	17
Front Suspension Control Arm Assembly	18
Front Wheel Assembly	19
Front Brake Assembly	20
Rear Frame Assembly	21
Rear Axle Assembly	22—23
Rear Brake Assembly	24
Engine Frame & Hydraulic Pump Assembly	25
Hydraulic Pump Assembly No. 87—5700	26
Engine Installation Assembly	27
Throttle Linkage Assembly	28
Muffler & Relay Assembly	29
Transaxle Installation Assembly	30—31
Transaxle Case Assembly	32
Countershaft Assembly	33
Transaxle Gear Shafts Assembly	34
Shift Fork Assembly	35
Differential Gear Assembly	36
Battery Mount Assembly	37
Fuel Tank Assembly	38
Lift Valve Linkage Assembly	39
Lift Valve & Cylinder Assembly	40
Lift Cylinder No.87—7990	41
Control Valve Assembly No. 43—1950	42
Tail Light Assembly	43
Engine	
Kohler Model CH22S Spec. No. 66513	44—51
TORO Part Number Index	52—59

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.