



Workman[®] 3310-D

Heavy Industrial

Model No. 07222—200000001 and Up

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b**. The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y**. The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number **37** are indicated.

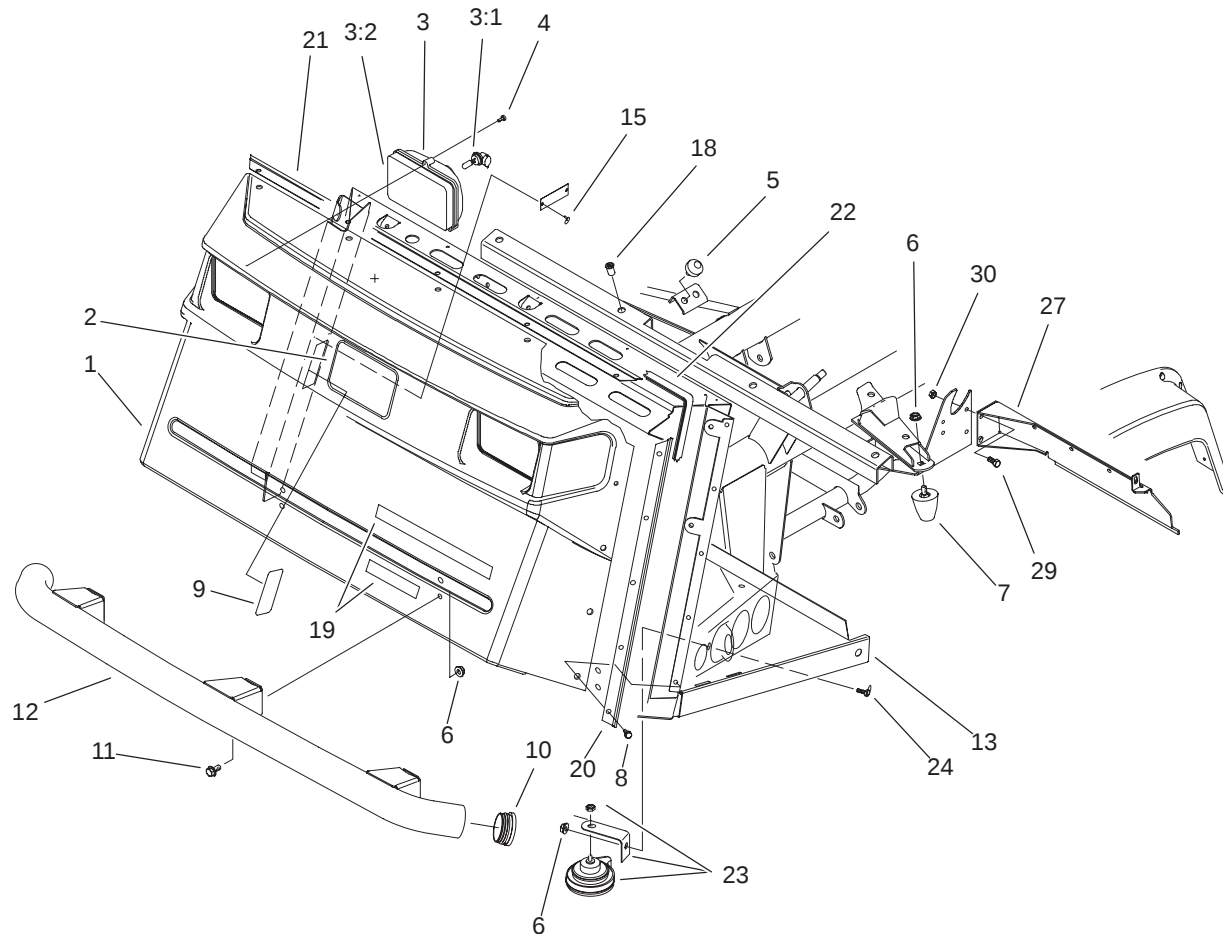
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	HWHTF	hex washer head thread forming
ASM	assembly	INC	incorporated
CARR	carriage	LH	left hand
DEG	degrees	NI	nylon insert
FH	flat head	PPH	Phillips pan head
GA	gauge	PTH	Phillips truss head
HF	hex flange	PTO	power take off
HH	hex head	RH	right hand
HHF	hex head flange	SFH	slotted fillister head
HLH	hex lag head	SHH	slotted hex head
HJ	hex jam	SQH	square head
HOC	height-of-cut	SHWH	slotted hex washer head
HS	hex socket	SPH	slotted pan head
HSBH	hex socket button head	SRH	slotted round head
HSFH	hex socket flat head	STD	standard
HSR	hex socket head	TAP	self tapping
HWH	hex washer head		

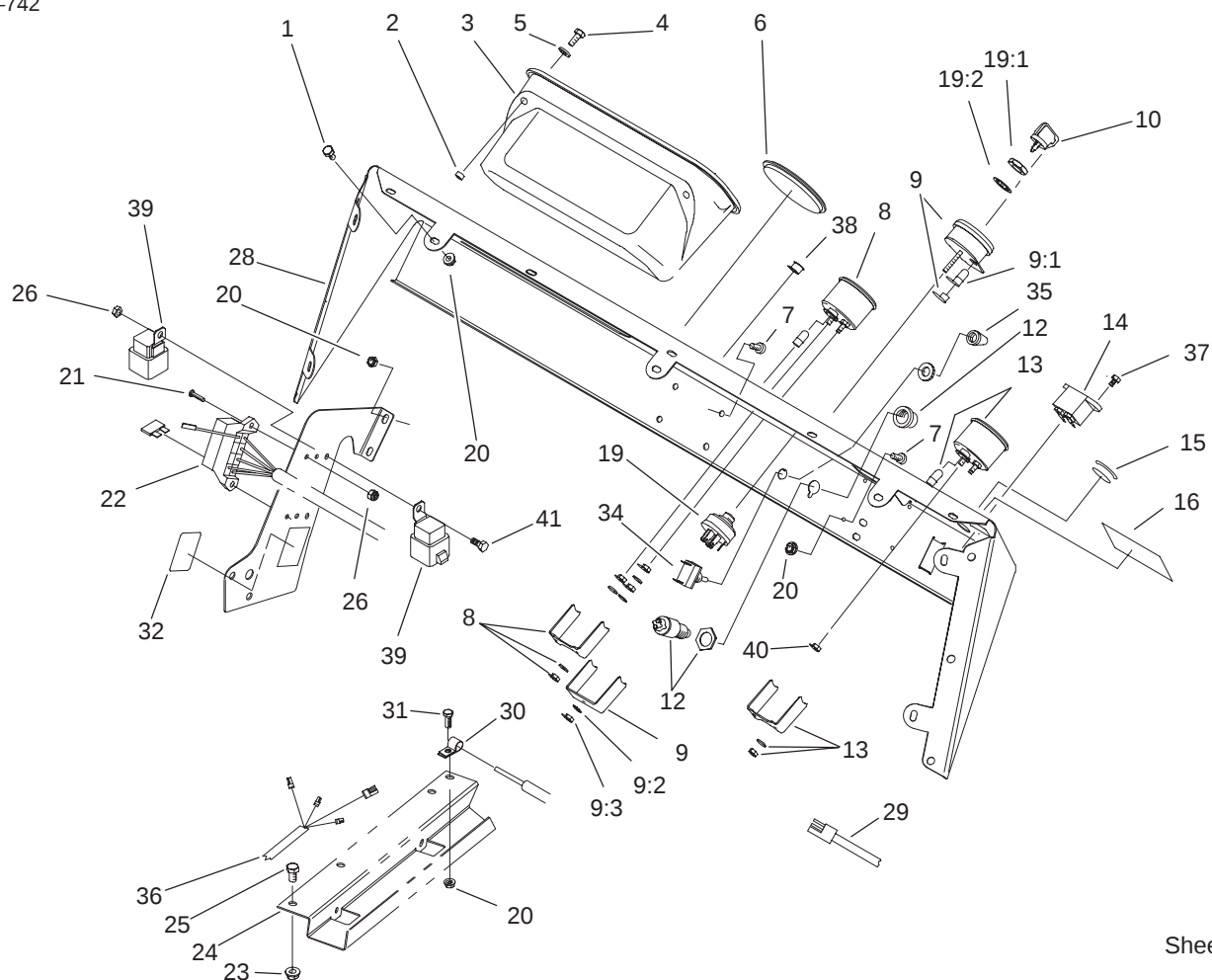


Sheet No.:2

Hood and Bumper Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-2979	1	Front Hood–Yellow	*28	94-3839-03	1	Bracket–Mudflap, RH
2	62-5550	1	Decal	29	321-4	4	Screw–HH
3	87-2120	2	Headlight	30	32128-33	4	Nut–HF
3:1	95-0909	1	Bulb–Halogen				
3:2	87-6330	1	Lens–Light, Head				
4	32104-88	6	Screw–HWH				
5	87-2440	2	Bumper–Rubber				
6	3290-357	9	Nut–Flange, Lock				
7	26-0071	2	Snubber–Rubber				
8	87-6620	15	Screw–Special				
9	87-9500	1	Decal–Rating, Load				
10	2410-42	2	Cap–End				
11	3234-1	6	Screw–HHF				
12	87-4070-03	1	Bumper ASM				
13	94-5241-03	1	2wd Operator Platform ASM				
15	3290-271	2	Rivet–Pop				
18	32148-7	8	Nut–Insert				
19	98-2964	1	Decal–Workman, Indust.				
20	87-8120-03	2	Bracket–Trim, Side				
21	87-8130-03	1	Bracket–Trim, Top				
22	87-8160	1	Trim–Lok				
23	116749	1	Horn				
24	323-4	1	Screw–HH				
27	94-3838-03	1	Bracket–Mudflap, LH				

* Not illustrated



Sheet No.:3

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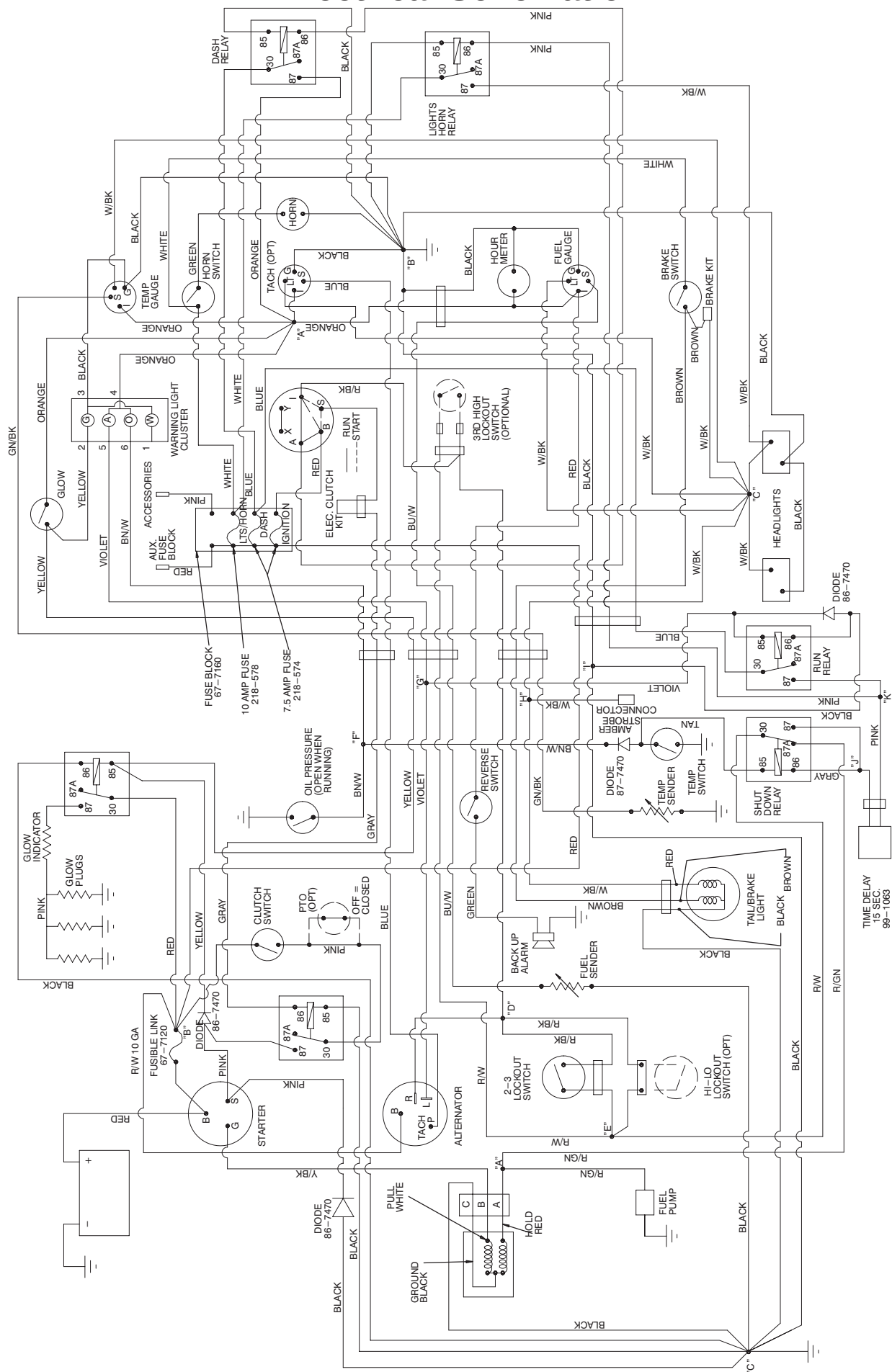
Control Panel Assembly

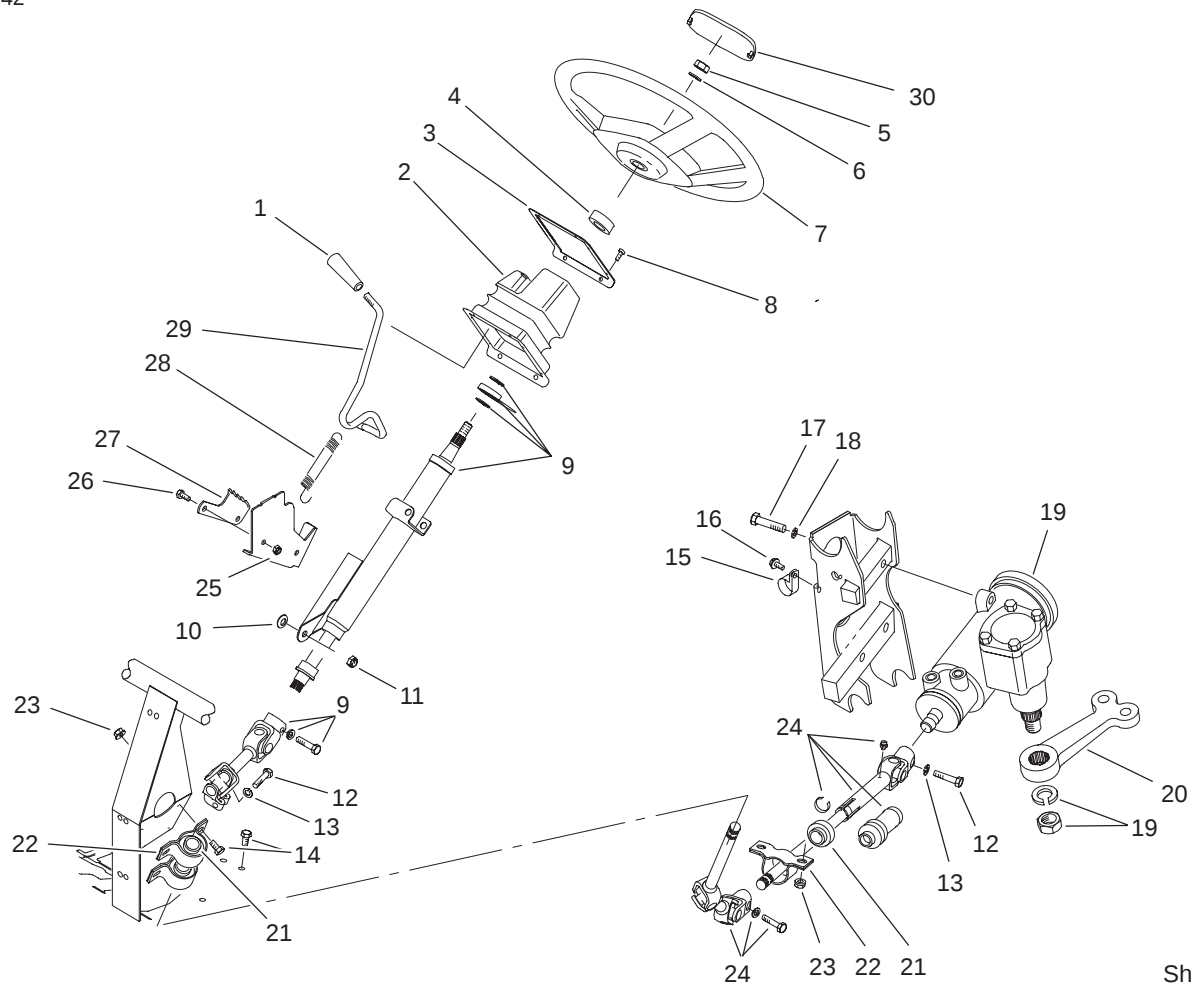
Ref. No.	Part No.	Qty.	Description
1	321-2	7	Screw-HH
2	32148-6	2	Nut-Insert
3	87-3780	1	Box-Glove
4	321-3	2	Screw-HH
5	3256-22	2	Washer-Flat
6	2410-35	1	Plug-Cap
7	3274-31	4	Screw-HSBH
8	87-5590	1	Gauge-Temperature, Coolant
9	93-7053	1	Cluster-Lamp, Warning
9:1	219-17	4	Bulb
9:2	3254-1	1	Washer-Lock/Int
9:3	3217-26	1	Nut-Hex
10	63-8360	1	Key-Ignition
12	18-2830	1	Button-Horn
13	87-5580	1	Gauge-Fuel
14	75-6820	1	Hourmeter
15	99-1087	1	Plug-Hole, Dash
16	94-5272	1	Decal-Warning
19	27-2360	1	Switch-Key
19:1	218-446	1	Nut-Hex
19:2	218-447	1	Washer-Lock
20	32128-33	12	Nut-HF
21	3250-13	2	Screw-PPH

Ref. No.	Part No.	Qty.	Description
22	99-1084	1	Wire Harness-Front, RH
23	32128-20	3	Nut-HF
24	93-7094-03	1	Cover-Harness, Wire
25	322-2	3	Screw-HH
26	3296-2	3	Nut-Lock
28	87-8490-03	1	Panel-Dash
29	99-1083	1	Wire Harness-Front, LH
30	2412-89	1	Clamp-R
31	321-4	1	Screw-HH
32	87-6670	1	Decal-Block, Fuse
*33	87-8530	1	Decal-Dash, Diesel
34	20-7150	1	Switch
35	218-473	1	Boot-Switch
36	99-1082	1	Wire Harness-Diesel
37	32144-18	2	Screw-HH
38	2410-64	1	Plug-Button
39	70-1480	2	Relay
40	3217-25	1	Nut-Hex
41	32105-8	1	Screw

* Not illustrated

Electrical Schematic



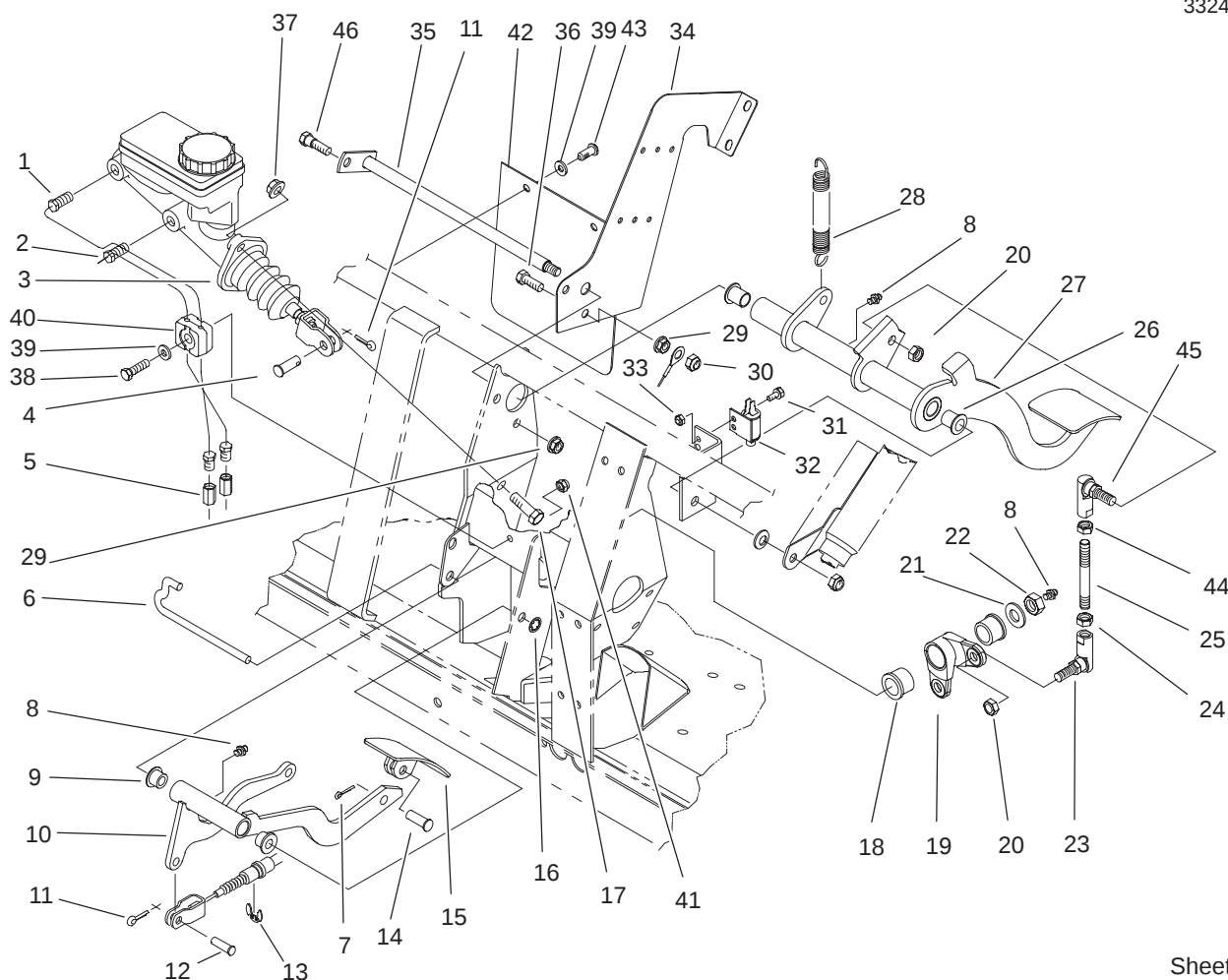


Sheet No.:4

Steering Assembly

Ref. No.	Part No.	Qty.	Description
1	233-39	1	Knob-Control
2	87-3460	1	Boot-Steering
3	87-4720-03	1	Plate-Boot, Strg
4	21-9260	1	Cover-Dust
5	3277-1	1	Nut-Hex
6	48-8070	1	Washer-Lock
7	87-3820	1	Wheel-Steering
8	32144-116	8	Screw-Crph
9	87-3120	1	Strg Column/U-Joint
10	3290-455	1	Washer-Belleville Spring
11	3296-59	1	Nut-Lock, NI
12	48-7740	2	Screw
13	3253-4	2	Washer-Lock/Sp
14	322-2	6	Screw-HH
15	2412-105	2	Clamp-Tube, Double
16	32144-10	2	Screw-HWH
17	93-7145	3	Bolt-HH
18	87-7480	3	Washer
19		1	Strg Gear/Pitman ASM
19:1	87-1500-03	1	Gear-Steering
19:2	87-0370-03	1	Arm-Pitman (Serv
21	87-2280	3	Bearing-Plastic
22	87-3250	3	Block-Pillow
23	32128-20	6	Nut-HF
24	87-3100	1	Shaft-Slip, U-Joint

Ref. No.	Part No.	Qty.	Description
25	3296-42	2	Nut-Lock
26	321-3	2	Screw-HH
27	87-3610	1	Bracket-Detent
28	65-5360	1	Extension-Spring
29	87-3130	1	Lever-Tilt
30	87-3750	1	Cover-Wheel, Steering

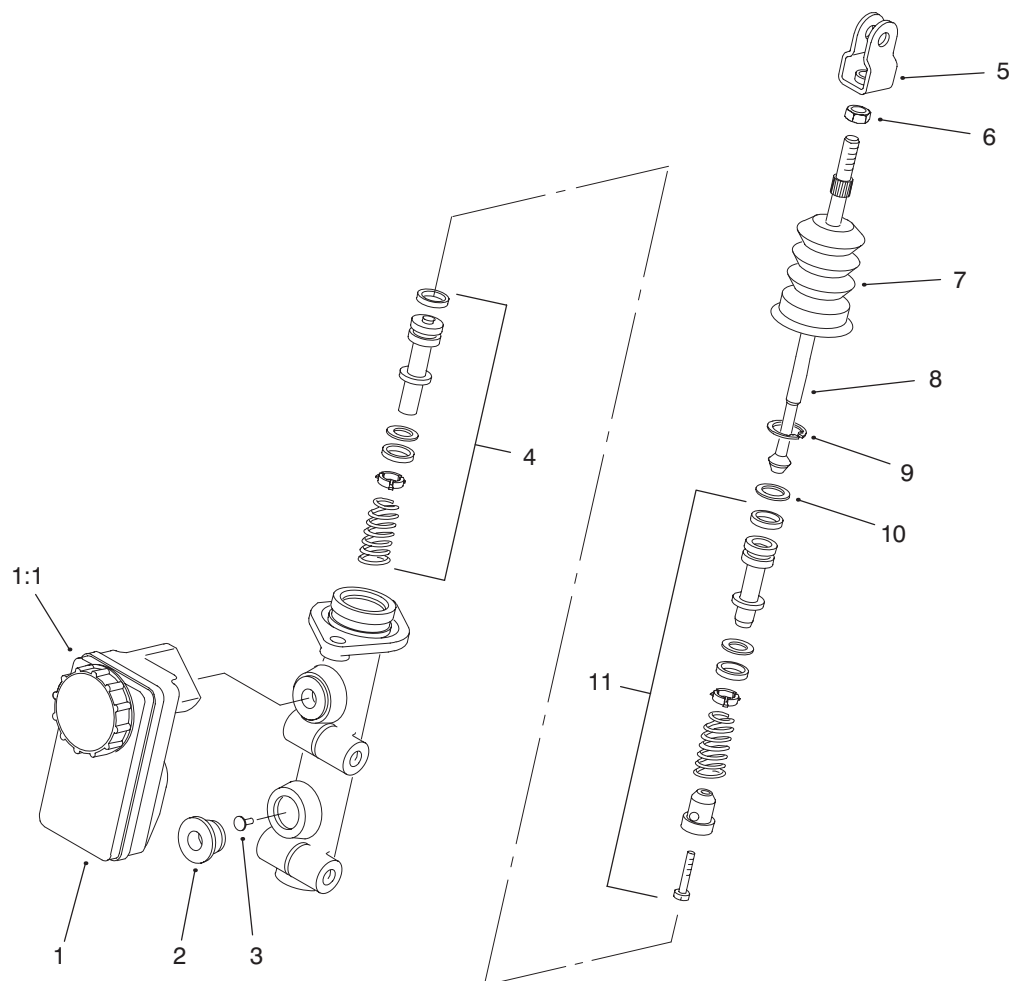


Sheet No.:5

Brake and Accelerator Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3814	1	Tube-Brake, Front
2	94-3815	1	Tube-Brake, Rear
3	94-3800	1	Master Cylinder ASM
4	283-2	1	Pin-Clevis
5	87-3570	2	Union
6	87-2880	1	Shaft-Pedal, Acc.
7	3272-6	1	Pin-Cotter
8	302-5	3	Fitting-Lube
9	256-259	2	Bushing-Flange
10	93-8961-03	1	Arm-Pedal
11	3272-10	2	Pin-Cotter
12	283-30	1	Pin-Clevis
13	32120-47	1	Ring-Retaining, Ext
14	283-85	1	Pin-Clevis
15	93-8969-03	1	Pedal
16	32151-56	1	Ring-Retaining, Ext
17	323-7	2	Screw-HH
18	256-247	2	Bushing-Flange
19	94-5223	1	Crank-Bell
20	3296-6	2	Nut-Lock, NI
21	3256-26	1	Washer-Flat
22	3296-23	1	Nut-Lock, NI
23	68-3840	1	Joint-Ball, RH Thrd
24	3220-3	1	Nut-Jam
25	94-5299	1	Rod-Link, Straight
26	256-155	2	Bushing-Flange

Ref. No.	Part No.	Qty.	Description
27	93-8965-03	1	Brake Pedal ASM
28	76-9430-03	1	Spring-Ext.
29	32128-20	2	Nut-HF
30	3296-29	1	Nut-Lock, NI
31	3290-321	2	Screw-HWH
32	55-7120	1	Switch-Brake, Parking
33	3296-2	2	Nut-Lock
34	94-3821-03	1	Plate-Center, Frame
35	95-7394	1	Brake Shaft ASM
36	322-5	1	Screw-HH
37	3290-357	2	Nut-Flange, Lock
38	321-9	1	Screw-HH
39	3256-22	3	Washer-Flat
40	87-7660	2	Clamp-Tube
41	3296-42	1	Nut-Lock
42	94-5221	1	Flap-Cylinder, Master
43	87-6620	2	Screw-Special
44	3220-16	1	Nut-Jam, LH
45	68-3841	1	Joint-Ball, LH Thrd
46	28-0540	1	Bolt-Shoulder



Sheet No.:A1

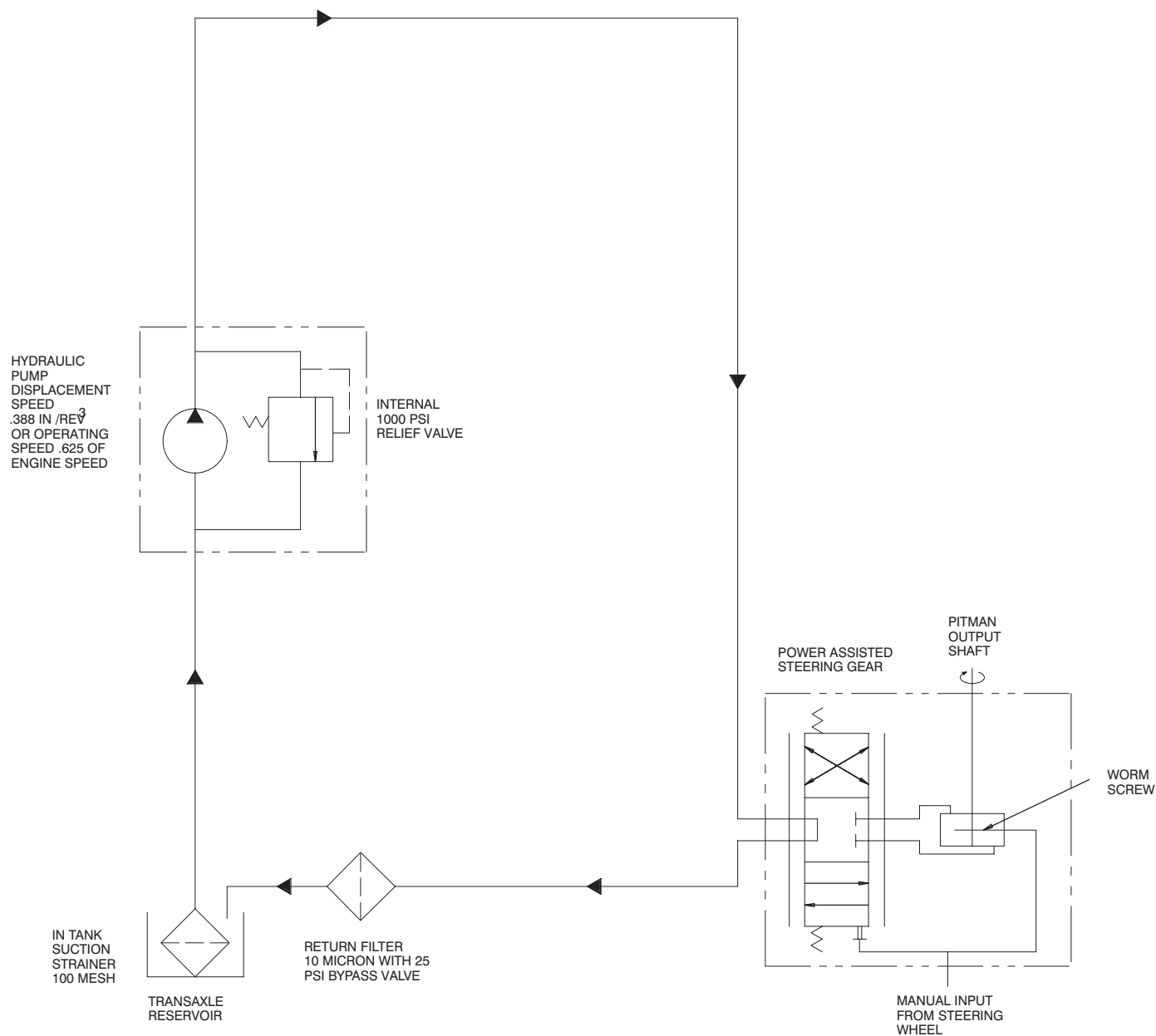
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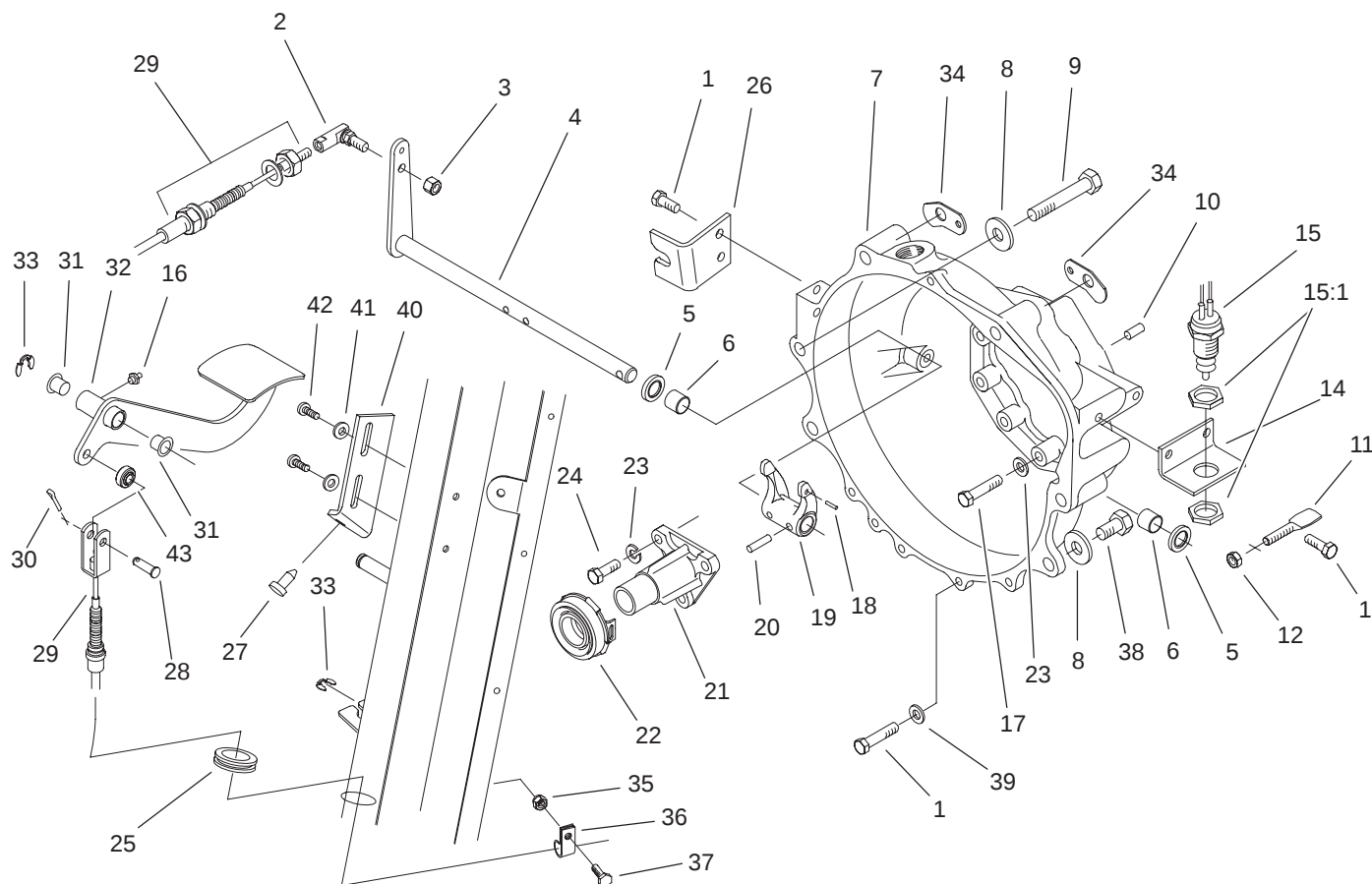
Master Cylinder Assembly No. 94-3800

Ref. No.	Part No.	Qty.	Description
1	87-3040	1	Reservoir-Mstr Cyl
1:1	92-4112	1	Cap ASM
2	93-8971	2	Seal – Port, Flange
3	92-4103	1	Pin-Stop
4	92-4102	1	Secondary Piston ASM
5	92-4110	1	Clevis
6	21-0360	1	Nut-Hex
7	94-5209	1	Cover – Dust
8	94-5210	1	Rod – Push
9	92-4109	1	Circlip
10	92-4108	1	Retainer-Washer
11	92-4101	1	Primary Piston ASM

Ref. No.	Part No.	Qty.	Description

Hydraulic Schematic



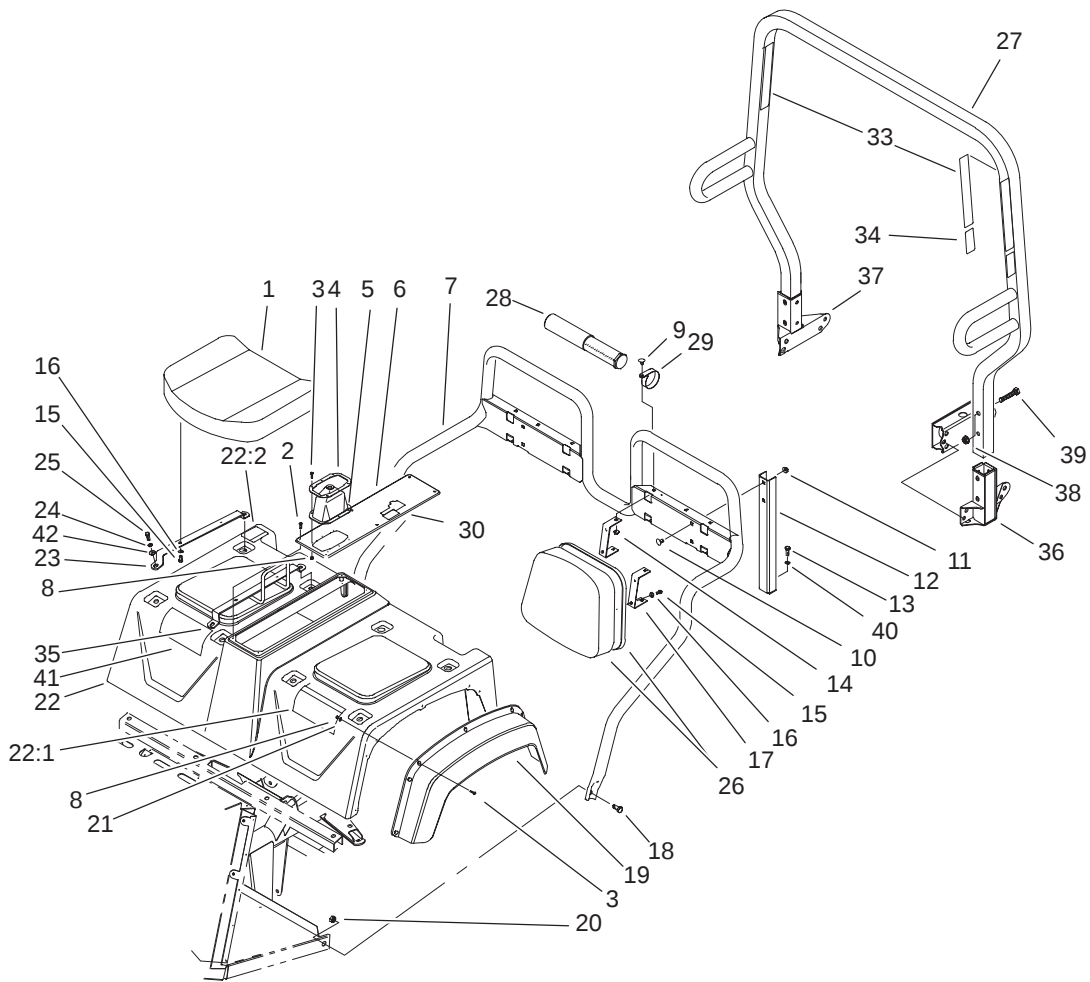


Sheet No.:7

Clutch Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	33114-020	8	Screw-HH
2	2411-33	1	Grommet-Joint, Ball
3	3296-4	1	Nut-Lock NI
4	87-5280	1	Release Shaft ASM
5	87-1920	2	Seal-Oil
6	87-3770	2	Bushing-Housing, Bell
7	93-7120	1	Housing-Bell
8	3256-26	4	Washer-Flat
9	3215-2	5	Screw-HH
10	87-1910	2	Pin-Dowel
11	87-5360	1	Paddle-Clutch, Sw.
12	3296-29	1	Nut-Lock,NI
14	87-5350	1	Bracket-Clutch, Sw.
15	87-5490	1	Switch-Clutch
15:1	3218-20	2	Nut-Jam
16	302-5	1	Fitting-Lube
17	33114-040	9	Screw-HH
18	32121-7	1	Pin-Spring
19	87-5300	1	Fork - Clutch
20	32121-24	2	Pin-Spring
21	87-5320	1	Release-Guide
22	87-2100	1	Bearing-Out, Throw
23	42-9850	12	Washer-Lock, Spring
24	33114-025	3	Screw-HH
25	240-5	1	Grommet
26	87-8471	1	Bracket-Clutch

Ref. No.	Part No.	Qty.	Description
27	87-8460	1	Bumper - Rubber
28	283-75	1	Pin-Clevis
29	99-1201	1	Cable-Clutch, 2wd
30	3272-10	1	Pin-Cotter
31	256-156	2	Bushing-Flange
32	99-1199-03	1	Clutch Pedal ASM
33	32120-47	2	Ring-Retaining, Ext
34	87-6410	2	Bracket - Harness
35	32128-33	1	Nut-HF
36	2412-89	1	Clamp-R
37	321-4	1	Screw-HH
38	42-9250	1	Bolt
39	3256-23	4	Washer-Flat
40	87-8710	1	Tab-Clutch, Up-Stop
41	3256-22	2	Washer-Flat
42	87-6620	2	Screw-Special
43	99-1202	1	Rod - End

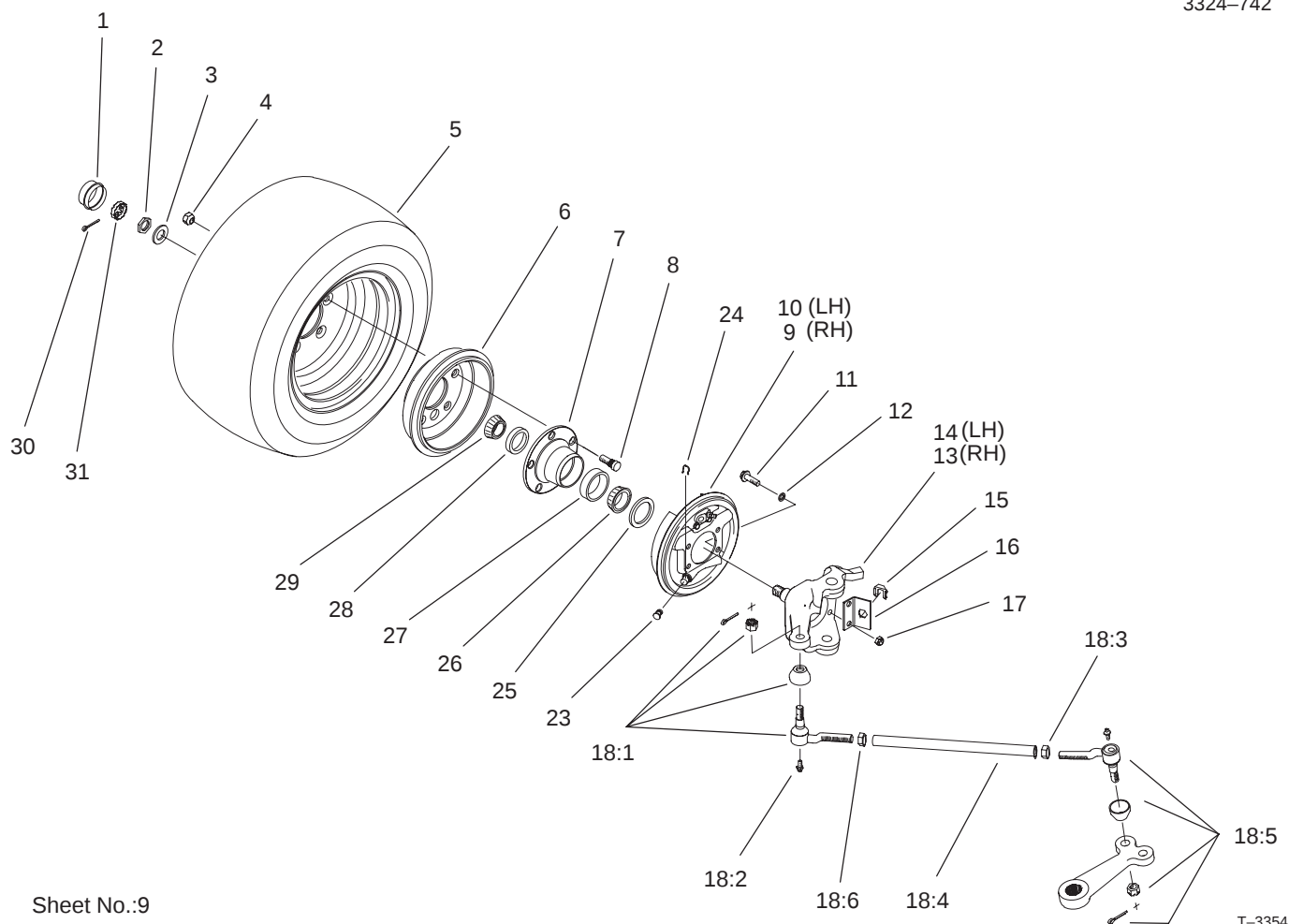


Sheet No.:8

Seat and R.O.P.S. Assembly

Ref. No.	Part No.	Qty.	Description
1	87-5060	2	Cushion-Seat
2	32144-52	6	Screw-PPH
3	3250-13	20	Screw-PPH
4	87-3760-03	1	Plate-Boot, Shift
5	87-8620	1	Shift Boot ASM
6	98-2972-03	1	Cover - Console
7	87-6170-03	1	Seat Guard ASM
8	3296-2	20	Nut-Lock
9	3230-18	8	Screw-CARR
10	3231-21	4	Screw-CARR
11	3290-357	4	Nut-Flange, Lock
12	87-2510-03	2	Support-Guard, Seat
13	323-6	2	Screw-HH
14	32128-20	8	Nut-HF
15	321-4	16	Screw-HH
16	3256-22	16	Washer-Flat
17	87-6240-03	4	Support-Backrest
18	325-4	2	Screw-HH
19	87-9480	2	Fender-Front
20	3296-23	2	Nut-Lock, NI
21	3256-61	14	Washer-Flat
22	99-1086	1	Yellow Shroud ASM
22:1	87-5920	1	Decal-Instructions, Operating
22:2	87-5930	1	Decal-Caution, Fuel
23	87-3800-03	3	Strap-Pad, Seat

Ref. No.	Part No.	Qty.	Description
24	3253-4	4	Washer-Lock/Sp
25	322-5	4	Screw-HH
26	87-3340	2	Seat Backrest ASM
27	87-6940-03	1	Rops
28	74-0720	1	Tube-Manual
29	2412-133	2	R-Clamp
30	87-6020	1	Decal-Brake, Parking
33	87-5980	2	Decal - Rops
34	87-5940	1	Decal-Over, Roll
35	87-6890-03	1	Hand Hold ASM
36	87-6950-03	1	LH Receiver ASM
37	87-6960-03	1	RH Receiver ASM
38	32128-23	4	Nut-HF
39	3234-40	4	Screw-Hfh
40	3253-21	2	Washer-Lock/Sp
41	99-1085	1	Decal-Ref, Quick
42	3256-23	4	Washer-Flat

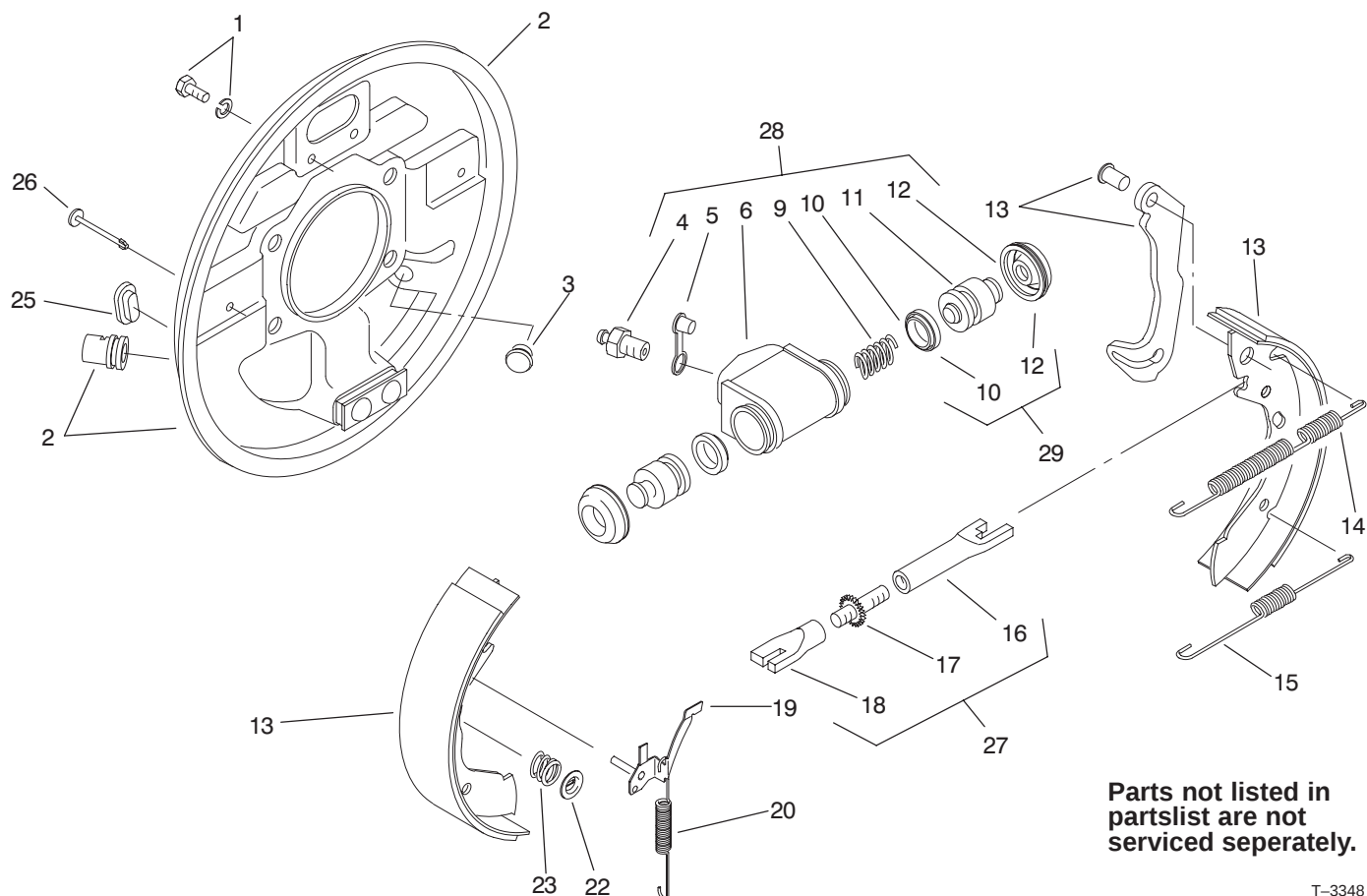


Sheet No.:9

T-3354

Front Wheel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	241-119	2	Cap-Dust	23	87-3450	2	Plug-Brake Plate, Front
2	3220-7	2	Nut-Jam	24	87-3310	2	Clip-Cable, Brake
3	93-0309	2	Washer - Tab	25	87-3590	2	Seal-Bearing
4	23-7270	10	Nut-Wheel	26	254-106	2	Bearing-Taper/Cone
5	98-2977	2	Front Wheel ASM	27	254-107	2	Bearing-Taper/Cup
6	87-0270	2	Drum-Brake	28	254-72	2	Bearing-Taper/Cup
7	87-5560	2	Hub-Front	29	254-94	2	Bearing-Taper/Cone
8	87-8730	10	Stud-Drive, Type	30	3272-12	2	Pin-Cotter
9	87-3010	1	RH Brake ASM	31	93-0307	2	Nut Retainer-Lock
10	87-3020	1	LH Brake ASM				
11	323-8	8	Screw-HH				
12	3253-21	8	Washer-Lock/Sp				
13	87-9430-03	1	Spindle-Sp Mask, RH				
14	87-9440-03	1	Spindle-Sp Mask, LH				
15	87-3580	2	Clip-Retainer				
16	87-2820	2	Bracket-Spindle, Brake Hose				
17	3296-39	8	Nut-Lock, NI				
18		2	Tie Rod ASM				
18:1	87-1480-03	1	Tie Rod End-RH				
18:2	302-5	2	Fitting-Lube				
18:3	3218-21	1	Nut-Jam				
18:4	87-2410-03	1	Tie Rod-Steering				
18:5	87-1470-03	1	End-Tie Rod, LH				
18:6	3220-11	1	Nut				



**Parts not listed in
partslist are not
serviced seperately.**

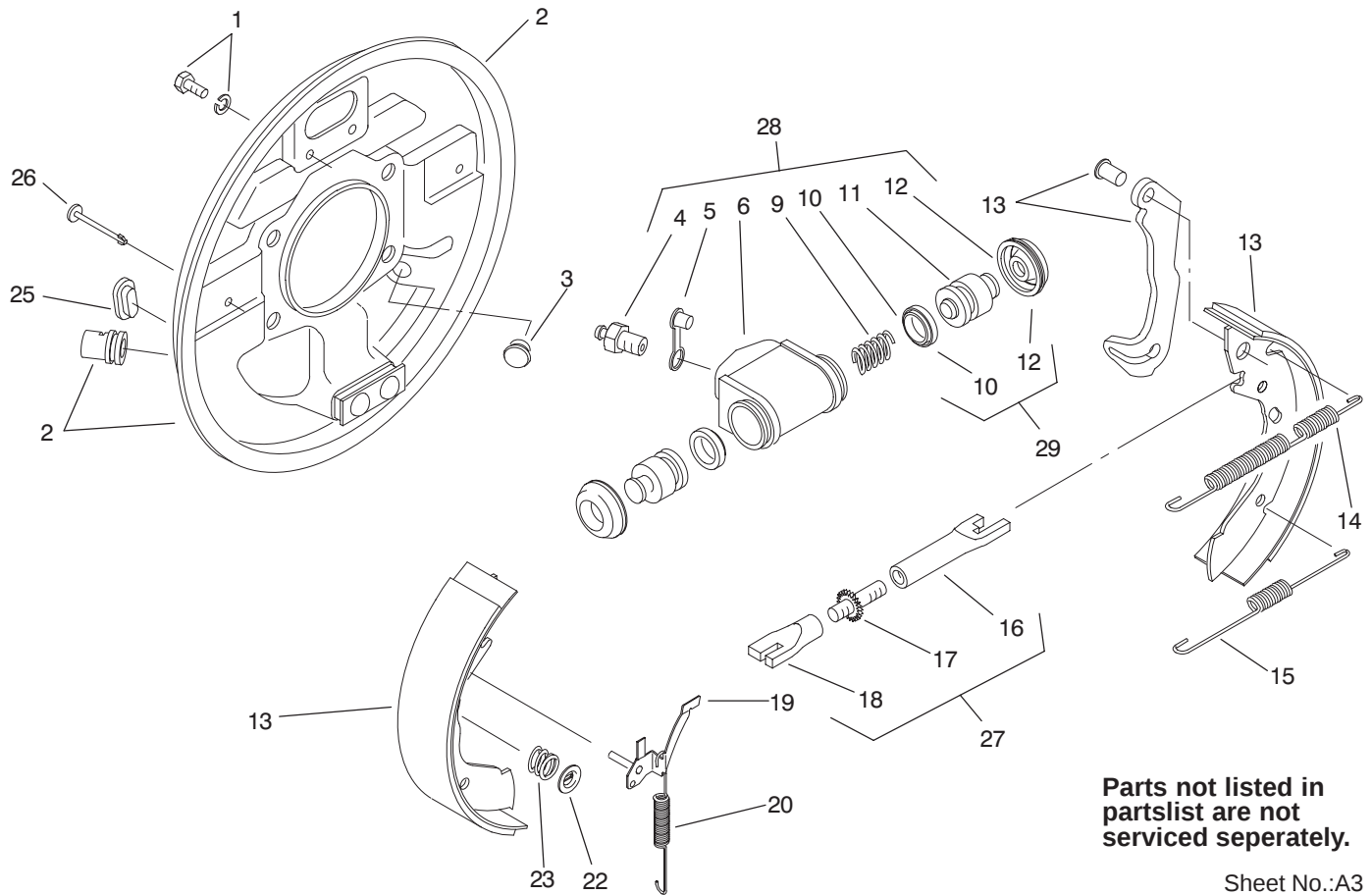
T-3348

Sheet No.:A2

RH Front Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	92-4135	2	Bolt-Set
2	92-4116	1	RH Backplate ASM
3	92-4125	1	Plug
4	92-4113	1	Screw-Bleed
5	92-4114	1	Cap-Screw, Bleed
13	92-4120	1	Kit-Shoe, Lined
14	92-4127	1	Spring-Shoe Ret, Upper RH
15	92-4128	1	Spring-Shoe Ret, Lower
19	92-4124	1	RH Lever Pawl ASM
20	92-4130	1	Spring-Adjustor, RH
22	92-4131	2	Washer-Hold Down, Shoe
23	92-4132	2	Spring-Hold Down, Shoe
25	92-4134	1	Plug-Inspection
26	92-4133	2	Pin-Hold Down, Shoe
27	92-4122	1	RH Adjustor ASM
28	92-4118	1	Wheel Cyl ASM
29	92-4119	1	Kit-Seal

Ref. No.	Part No.	Qty.	Description



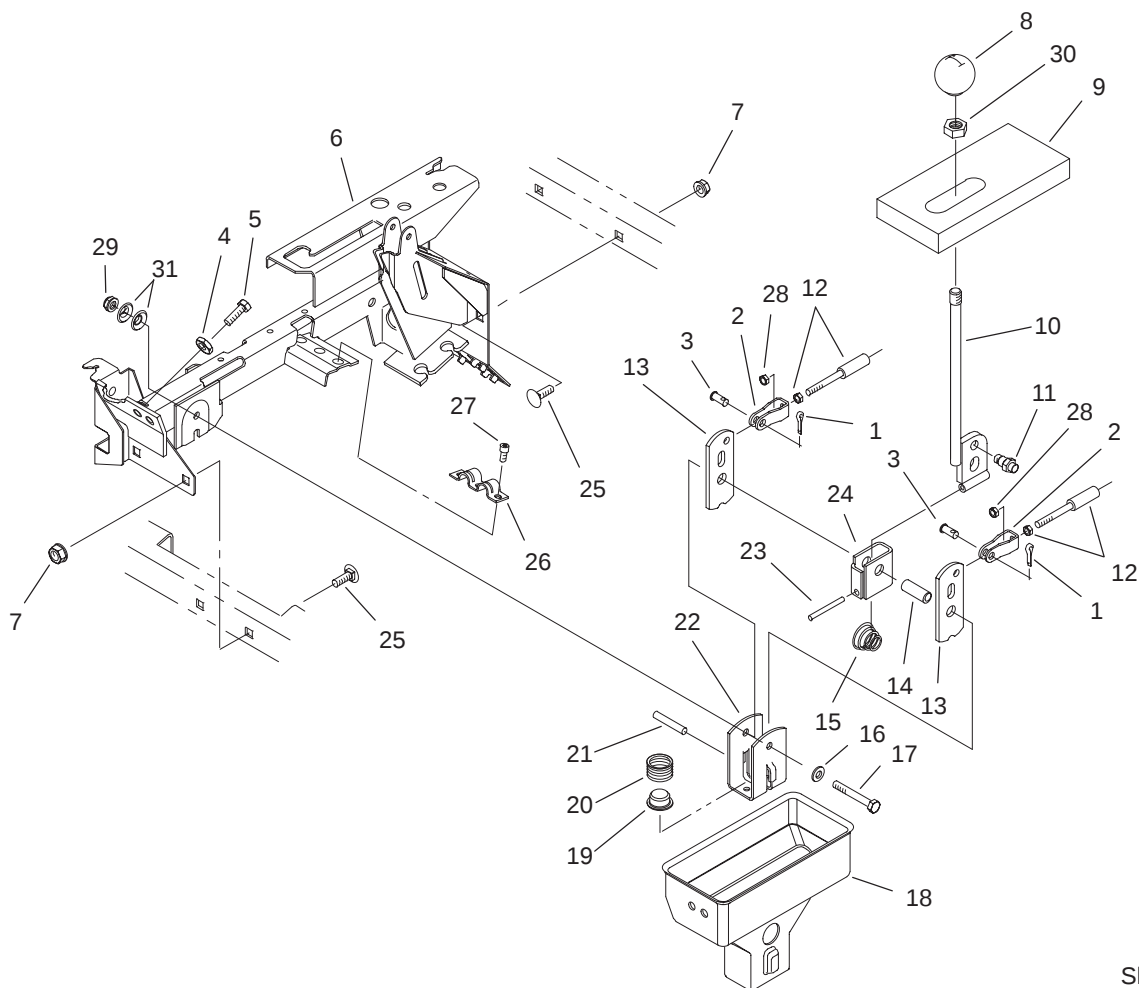
**Parts not listed in
partslist are not
serviced seperately.**

Sheet No.:A3

T-3348

LH Front Brake Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	92-4135	2	Bolt-Set				
2	92-4115	1	LH Backplate ASM				
3	92-4125	1	Plug				
4	92-4113	1	Screw-Bleed				
5	92-4114	1	Cap-Screw, Bleed				
13	92-4120	1	Kit-Shoe, Lined				
14	92-4126	1	Spring-Shoe Ret, Upper LH				
15	92-4128	1	Spring-Shoe Ret, Lower				
19	92-4123	1	LH Lever Pawl ASM				
20	92-4129	1	Spring-Adjustor, LH				
22	92-4131	2	Washer-Hold Down, Shoe				
23	92-4132	2	Spring-Hold Down, Shoe				
25	92-4134	1	Plug-Inspection				
26	92-4133	2	Pin-Hold Down, Shoe				
27	92-4121	1	LH Adjustor ASM				
28	92-4117	1	Wheel Cyl ASM				
29	92-4119	1	Kit-Seal				

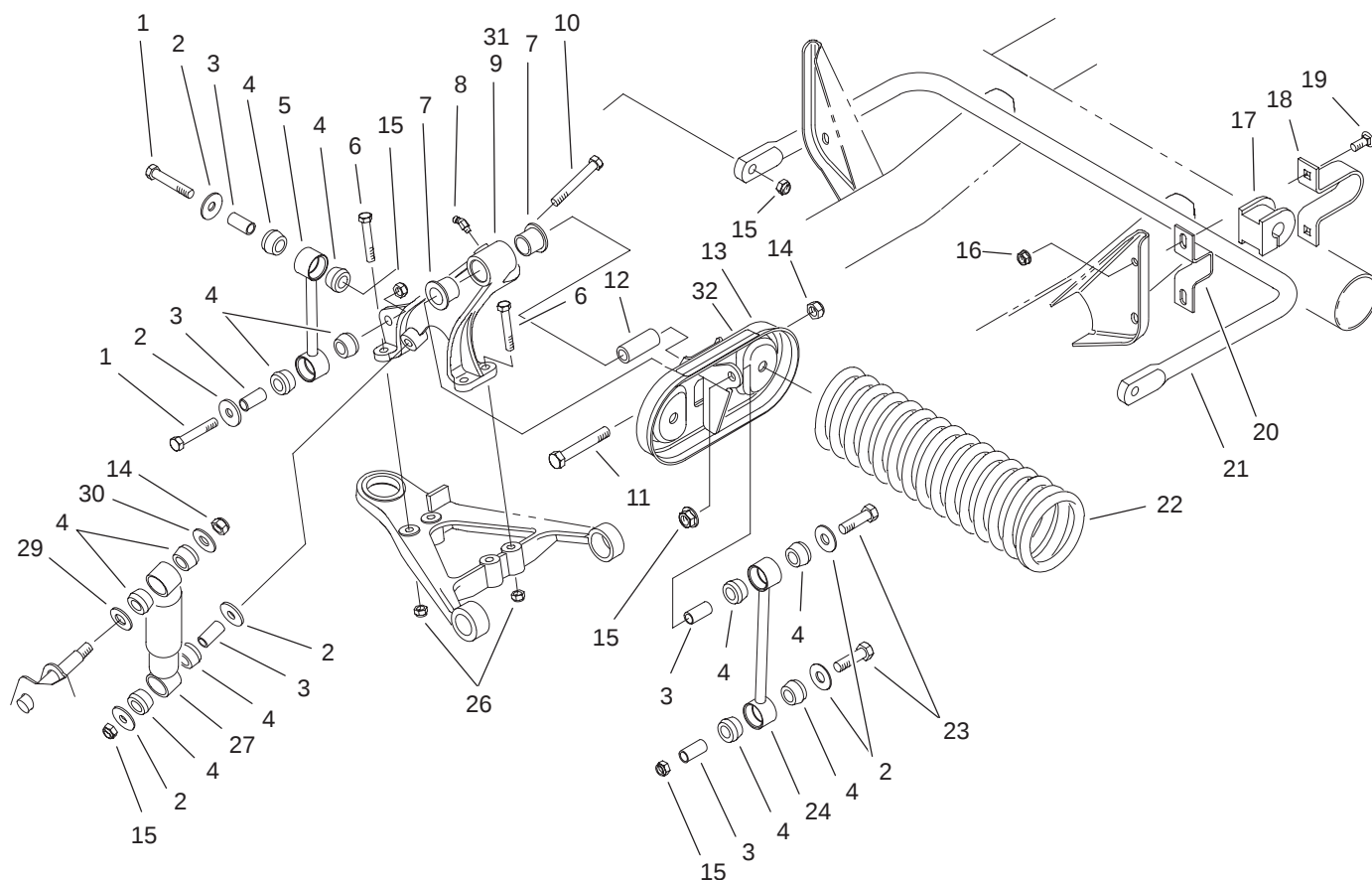


Sheet No.:10

Console Assembly

Ref. No.	Part No.	Qty.	Description
1	3272-6	2	Pin-Cotter
2	87-2310	2	Clevis-Cable
3	283-62	2	Pin-Clevis
4	3220-3	2	Nut-Jam
5	3211-8	2	Screw-HH
6	94-3805-03	1	Lever Support ASM
7	3290-357	4	Nut-Flange, Lock
8	87-6720	1	Knob - Shift
9	87-6570	1	Seal-Boot, Lower
10	87-2040	1	Shift Lever ASM
11	87-3650	1	Pin-Shift
12	87-4260	2	Cable - Control, Shift
13	87-3540	2	Link-Shift
14	87-2520	1	Tube-Pivot
15	87-2900	1	Spring-Compression
16	87-8640	1	Washer - Flat, Hardened
17	322-12	1	Screw-HH
18	87-2260	1	Boot-Shift, Lower
19	87-3530	1	Button-Shifter
20	87-3660	1	Spring-Compression
21	3290-507	1	Pin-Dowel
22	87-3520	1	Clevis
23	32121-48	1	Pin-Spring
24	87-6040	1	Bracket-Shifter
25	3231-21	4	Screw-CARR

Ref. No.	Part No.	Qty.	Description
26	87-4960	1	Clamp-Cable, Shift
27	65-5220	3	Screw-Forming, Thread
28	3220-1	2	Nut-Jam
29	3296-58	1	Nut-Lock NI
30	3218-18	1	Nut-Jam
31	3290-456	2	Washer-Belleville



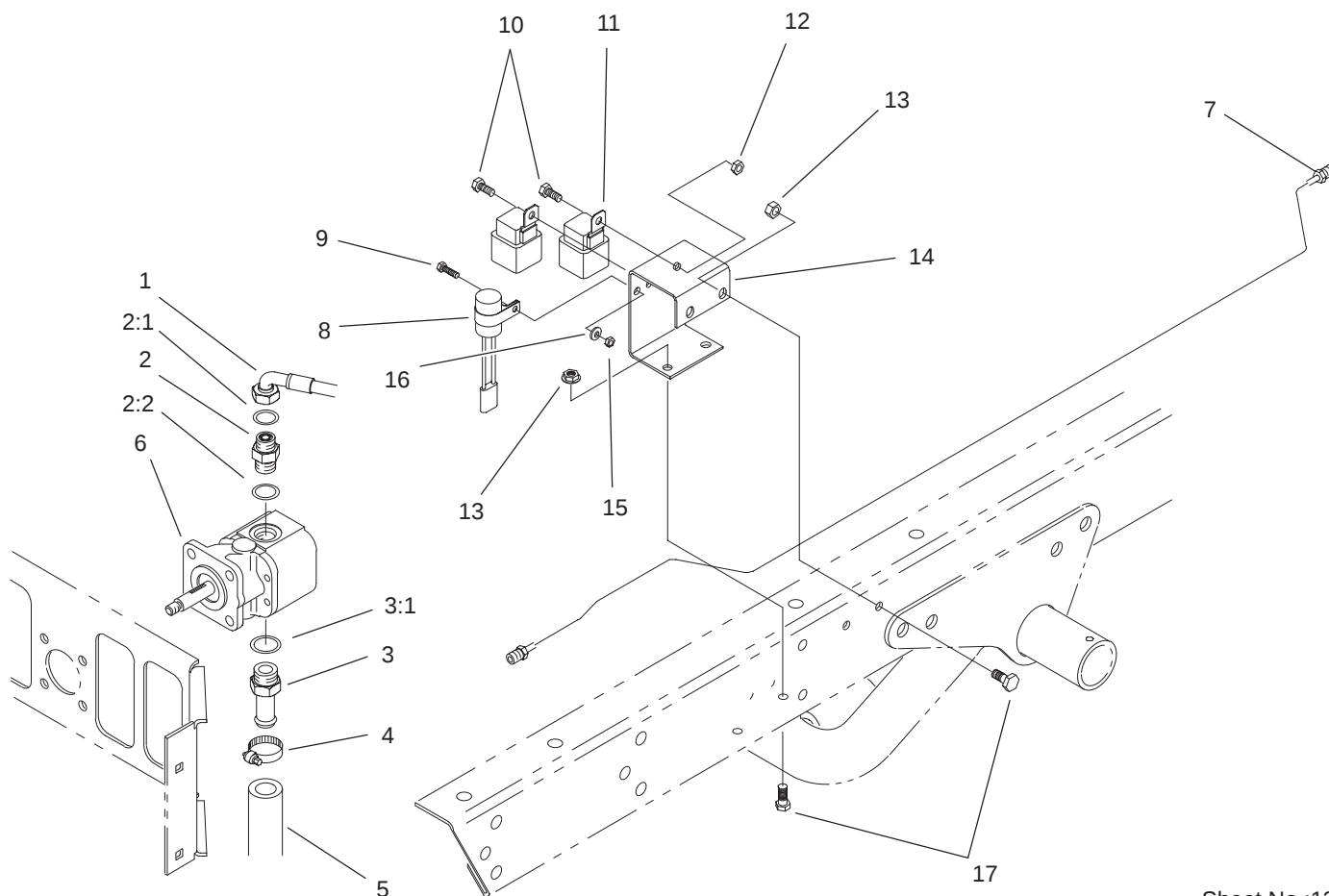
Sheet No.:11

Front Suspension Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	324-10	4	Screw-HH	24	87-2480-03	2	Stabilizer Link ASM
2	87-5330	12	Washer	26	3296-39	8	Nut-Lock, NI
3	87-3600	10	Spacer-Absorber, Shock	27	87-3110	2	Absorber-Shock
4	87-3920	24	Bushing	29	3256-27	2	Washer-Flat
5	87-3860-03	2	Anti-Sway Bar Lin ASM	30	3256-6	2	Washer-Flat
6	323-12	8	Screw-HH	31	87-0160-03	1	Tower-Control Arm, LH
7	33-3090	4	Bushing	32	44-0760	2	Decal-Warning
8	302-11	2	Fitting-Lube, 45°				
9	87-0150-03	1	Tower-Control Arm, RH				
10	324-13	2	Screw-HH				
11	325-13	2	Screw-HH				
12	87-2500	2	Sleeve-Spring Pivot				
13	87-2450-03	2	Spring Cradle ASM				
14	3296-23	4	Nut-Lock, NI				
15	3296-48	10	Nut-Lock NI				
16	3290-357	4	Nut-Flange, Lock				
17	87-3910	2	Bushing-Rubber				
18	87-4010-03	2	Clamps-Bar, Sway				
19	3231-25	4	Screw-CARR				
20	87-3890-03	2	Brackets-Bar, Sway				
21	87-3850-03	1	Bar-Anti-Sway				
22	87-0690-03	2	Spring-Compression				
23	324-9	4	Screw-HH				

Front Control Arm Assembly

Ref. No.	Part No.	Qty.	Description



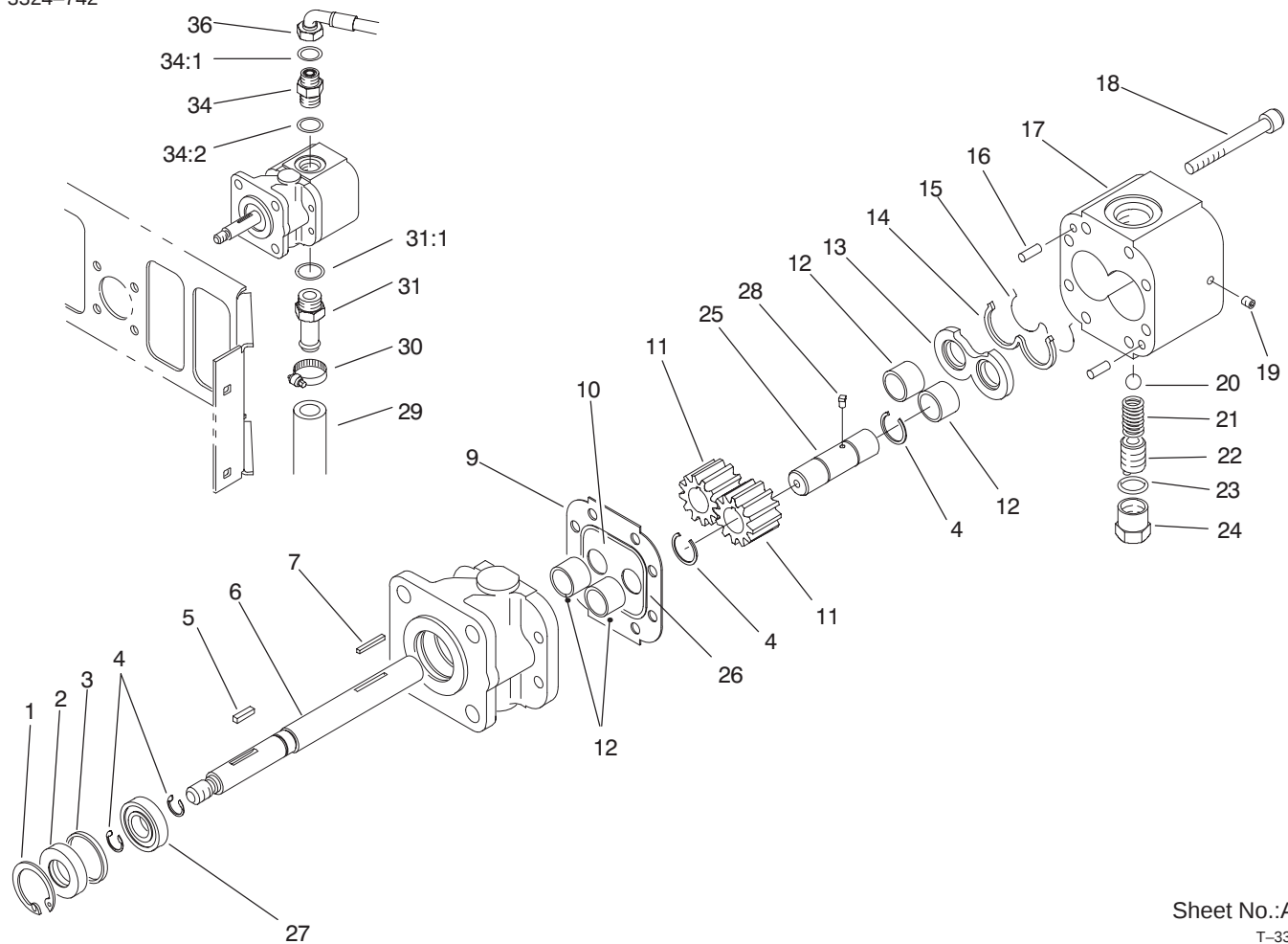
Sheet No.:13

T-3349

Pump and Relay Assembly

Ref. No.	Part No.	Qty.	Description
1	99-1053	1	Hose ASM
2	340-3	1	Adapter
2:1	237-22	1	O-Ring
2:2	237-79	1	O-Ring
3	354-136	1	Fitting-Hydraulic
3:1	237-80	1	O-Ring
4	2412-34	1	Clamp-Hose
5	87-7350	1	Hose - Suction
6	99-1054	1	Hydraulic Pump ASM
7	94-3844	1	LH Rear Brake Tube ASM
8	99-1063	1	Timer - Delay
9	32105-13	1	Screw-Shh
10	321-3	2	Screw-HH
11	70-1480	2	Relay
12	3296-42	2	Nut-Lock
13	32128-20	4	Nut-HF
14	99-1075-03	1	Bracket-Mount, Relay
15	3296-12	1	Nut-Lock
16	3256-14	1	Washer-Flat
17	322-3	4	Screw-HH

Ref. No.	Part No.	Qty.	Description



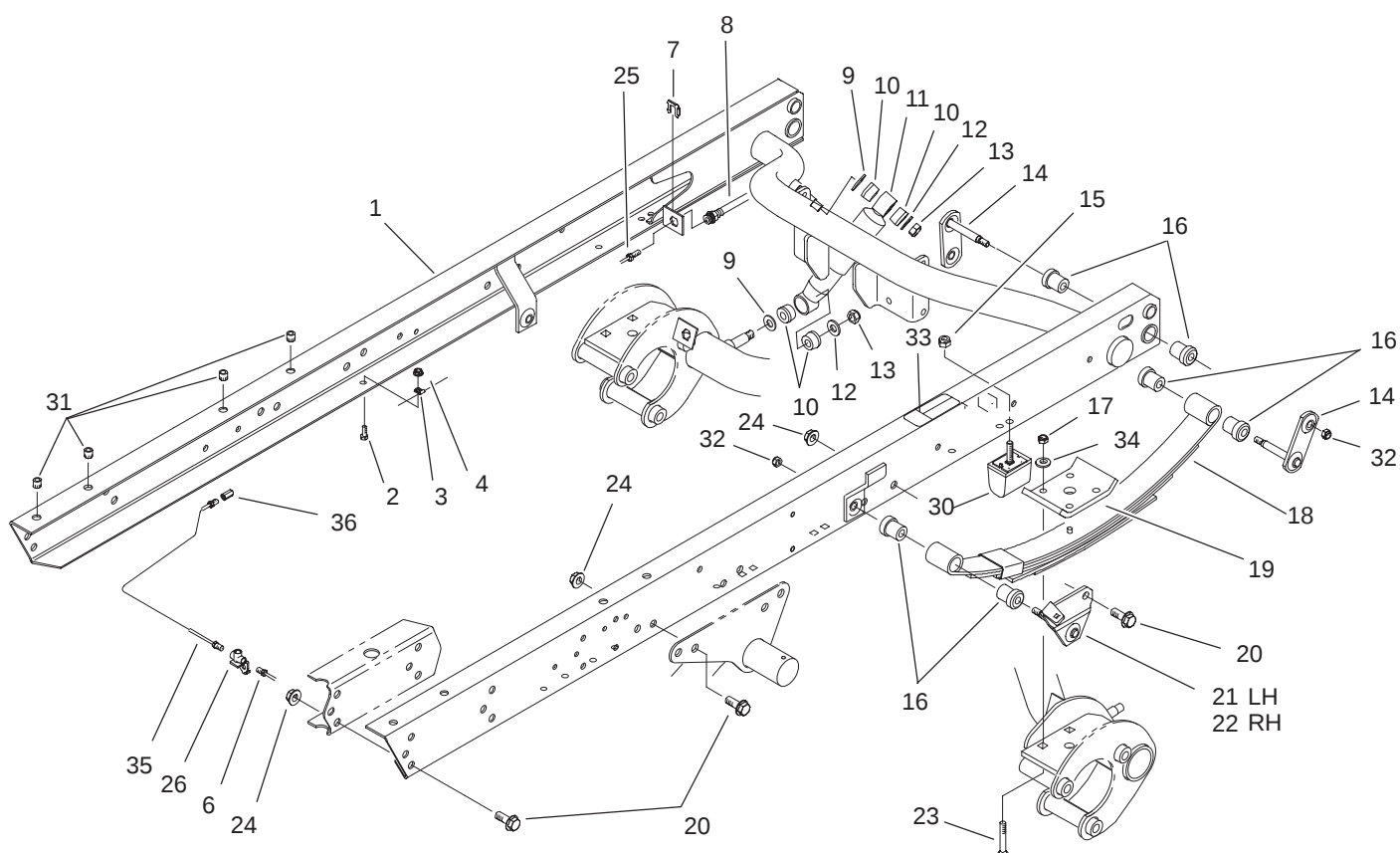
Sheet No.:A4

T-3350

Hydraulic Pump Assembly No. 99-1054

Ref. No.	Part No.	Qty.	Description
1	32151-41	1	Snap Ring
2	92-2195	1	Oil Seal
3	92-2186	1	Spacer
4	92-2178	4	Crescent Ring
5	92-2179	1	Square Key
6	92-2189	1	Drive Shaft
7	92-2177	1	Shear Pin - .75 Lg
9	92-2182	1	Seal Plate
10	92-2183	1	Wear Plate
11	92-2175	2	Gear . 75 Wide
12	92-2192	4	Du Bearing
13	92-2181	1	Pressure Plate
14	92-2197	1	Back Up-Pressure Plt SI
15	92-2196	1	Seal - Pressure Plate
16	92-2176	2	Shear Pin - .50 Lg
17	92-2187	1	End Gear Housing
18	92-2173	8	12 Pt Capscrew
19	92-2185	1	Lee Plug
20	92-2193	1	Steel Ball .312 Dia
21	99-1060	1	Spring
22	92-2174	1	Adjusting Screw
23	92-2180	1	Copper Gasket
24	92-2184	1	Hex Cap Relief Valve
25	92-2190	1	Idler Shaft
26	92-2198	1	Seal-Seal Plt Wear Plt

Ref. No.	Part No.	Qty.	Description
27	92-2191	1	Ball Bearing
28	92-2199	1	Key - Ball
29	87-7350	1	Hose - Suction
30	2412-34	1	Clamp-Hose
31	354-136	1	Fitting-Hydraulic
31:1	237-80	1	O-Ring
34	340-3	1	Adapter
34:1	237-22	1	O-Ring
34:2	237-79	1	O-Ring
36	99-1053	1	Hose ASM

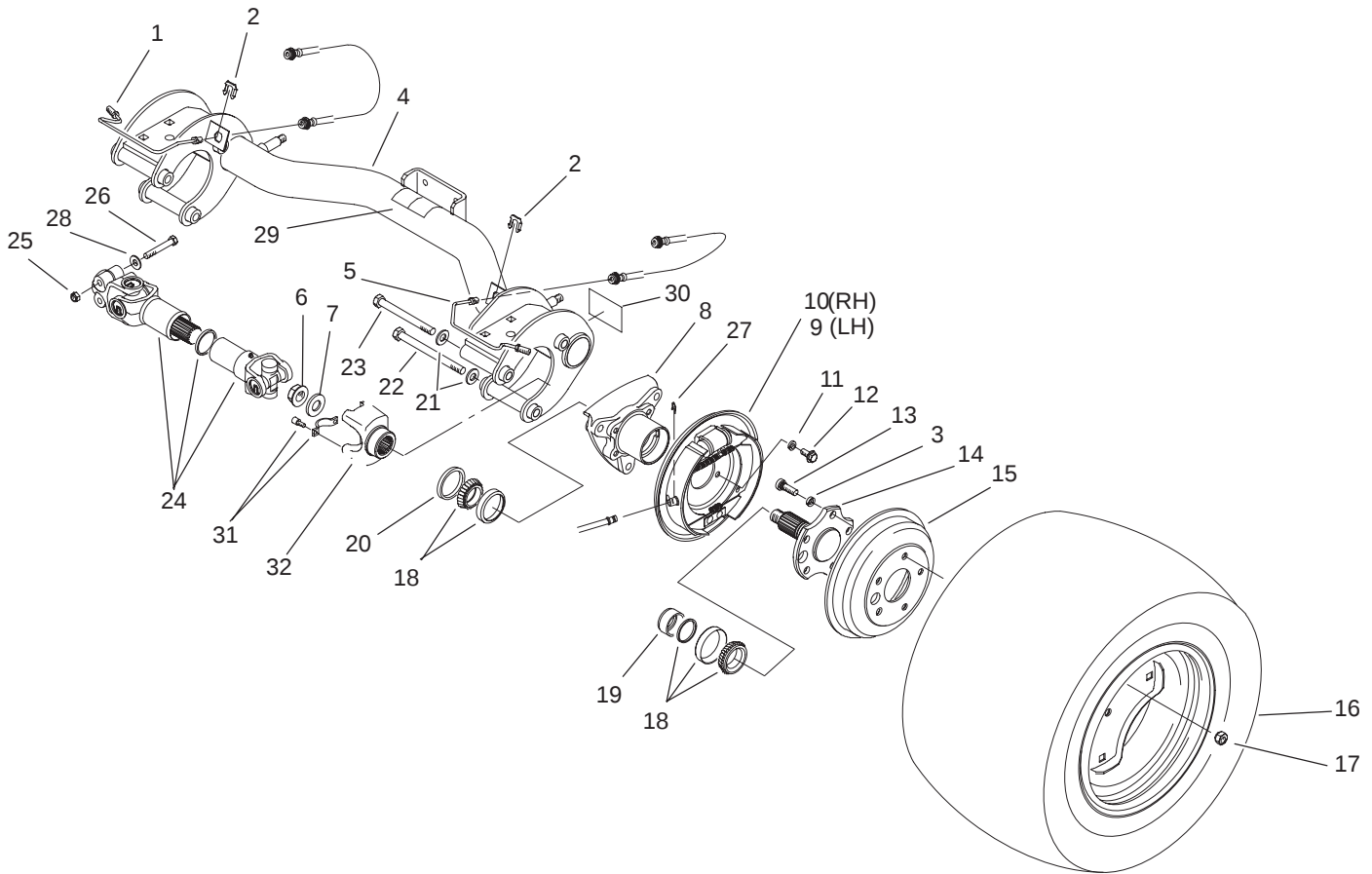


Sheet No.:14

Rear Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	87-8430-03	1	Frame Channel ASM
2	3234-4	3	Screw-Hfh
3	2412-149	4	Clamp-Hose
4	32128-33	4	Nut-HF
6	94-3843	1	LH Rear Brake Tube ASM
7	87-3580	2	Clip-Retainer
8	87-4100	2	Hose-Brake, Rear
9	3256-27	4	Washer-Flat
10	87-3920	8	Bushing
11	87-3110	2	Absorber-Shock
12	3256-6	4	Washer-Flat
13	3296-23	4	Nut-Lock, NI
14	87-3980	4	Shackle ASM
15	48-9520	2	Nut
16	87-4760	12	Bushing-Rubber
17	3296-76	8	Nut-Lock NI
18	87-1490	2	Spring-Leaf, Rear
19	87-7470-03	2	Plate-Spring, Clamp
20	3234-38	24	Screw-Hfh
21	87-3960	1	LH Spring Mount ASM
22	87-3940	1	RH Spring Mount ASM
23	3232-17	8	Screw-CARR
24	32128-23	24	Nut-HF
25	94-3846	1	RH Rear Brake Tube ASM

Ref. No.	Part No.	Qty.	Description
26	87-3560	1	Tee
30	87-3470	2	Bumper-Axle, Rear
31	32148-9	8	Nut-Insert
32	3296-39	6	Nut-Lock, NI
33	66-6840	1	Decal-Warning, Hot Surface
34	87-7480	8	Washer
35	94-3845	1	RH Rear Brake Tube ASM
36	87-3570	2	Union

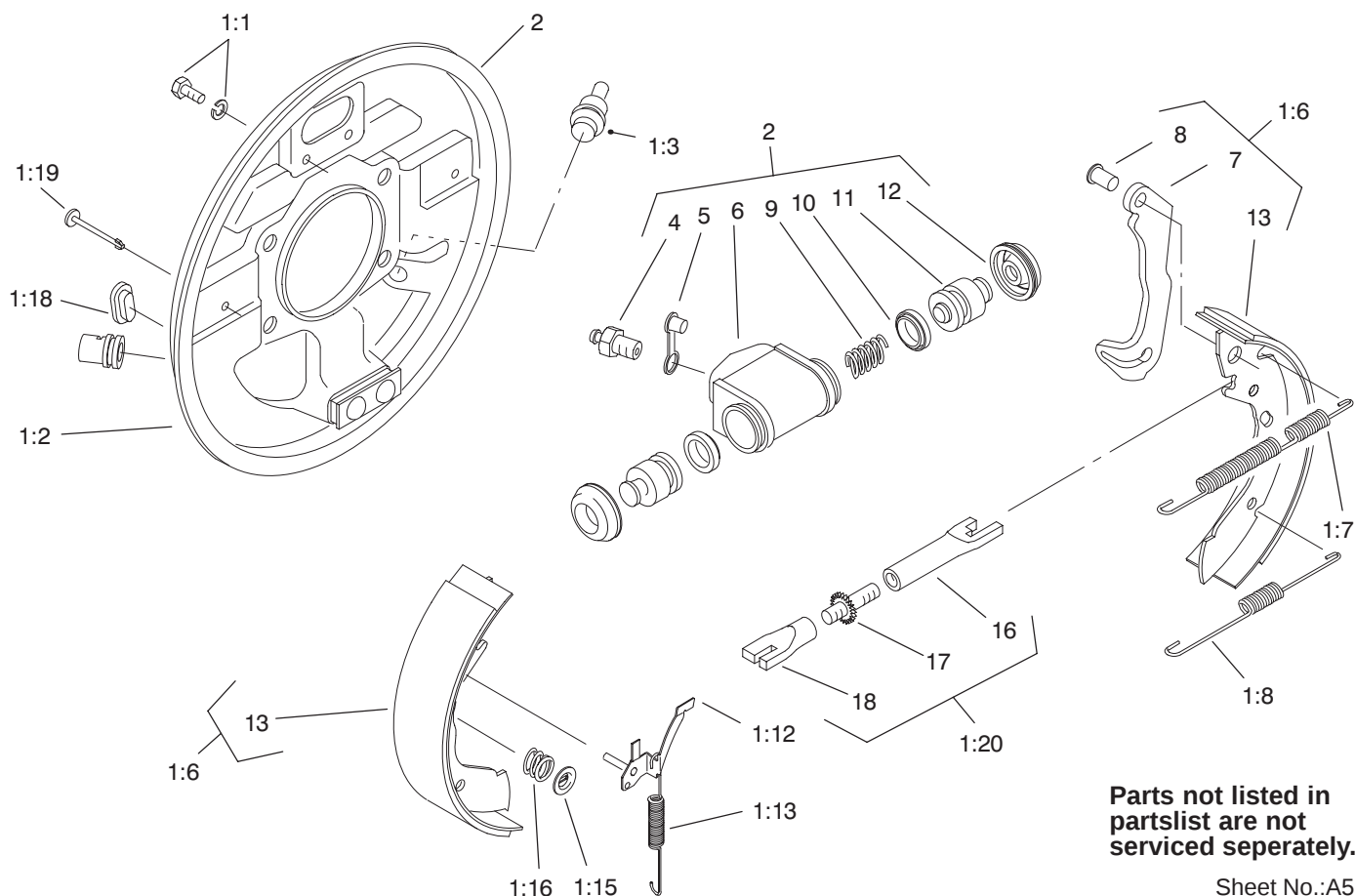


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Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	87-4090	1	RH Rear Brake Tube ASM
2	87-3580	2	Clip-Retainer
3	3253-6	10	Washer-Lock/Sp
4	87-7370-03	1	Rear Axle ASM
5	87-4080	1	LH Rear Brake Tube ASM
6	32128-53	2	Nut-Hex Flange
7	87-3060	2	Washer-Hardened
8	87-2240-03	2	Housing-Axle
9	99-9416	1	LH Brake ASM
10	99-9417	1	RH Brake ASM
11	3253-21	8	Washer-Lock/Sp
12	323-6	8	Screw-HH
13	87-2080	10	Bolt-Hex, TAP
14	93-7090-03	2	Axle-Stub
15	93-7128	2	Drum-Brake
16	98-2978	2	Rear Wheel ASM
17	23-7270	10	Nut-Wheel
18	87-1970	2	Bearing
19	87-4060	2	Spacer-Bearing, Wheel
20	87-3590	2	Seal-Bearing
21	87-7270	6	Washer - Thrust
22	325-20	5	Screw-HH
23	325-19	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
24	98-2918	2	Driveshaft ASM
25	32128-36	4	Nut-Hex Flange
26	98-2939	4	Screw-Cap
27	87-3310	2	Clip-Cable, Brake
28	80-6990	4	Washer-Hardened
29	87-6060	1	Decal - Atf
30	87-9080	2	Decal-Driveshaft
31	92-4189	2	Kit-Strap & Bolt
32	92-4190	2	Yoke

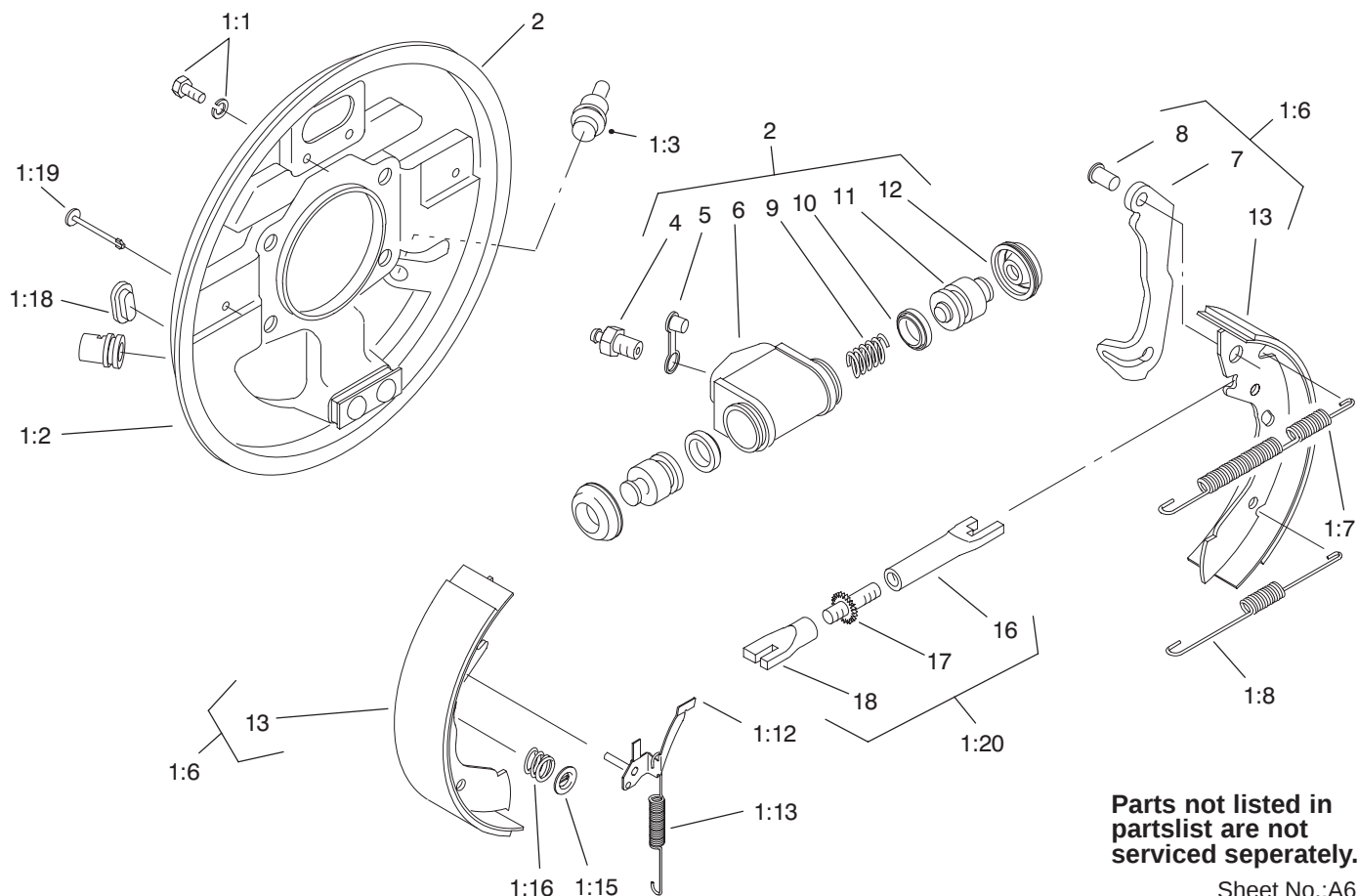


Sheet No.:A5

T-3351

LH Rear Brake Assembly No. 99-9416

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1		1	LH Rear Brake ASM				
1:1	92-4135	2	Bolt-Set				
1:2	92-4136	1	LH Backplate ASM				
1:3	92-4146	1	Plunger ASM				
1:6	92-4143	1	Kit-Shoe, Lined				
1:7	92-4147	1	Spring-Shoe Ret, Upper LH				
1:8	92-4149	1	Spring-Shoe Ret, Lower				
1:12	92-4123	1	LH Lever Pawl ASM				
1:13	92-4150	1	Spring-Adjuster, LH				
1:15	92-4131	2	Washer-Hold Down, Shoe				
1:16	92-4152	2	Spring-Hold Down, Shoe				
1:18	92-4134	1	Plug-Inspection				
1:19	92-4133	2	Pin-Hold Down, Shoe				
1:20	92-4144	1	LH Adjuster ASM				
2	92-4118	1	Wheel Cyl ASM				
3	92-4119	1	Kit-Seal				



**Parts not listed in
partslist are not
serviced seperately.**

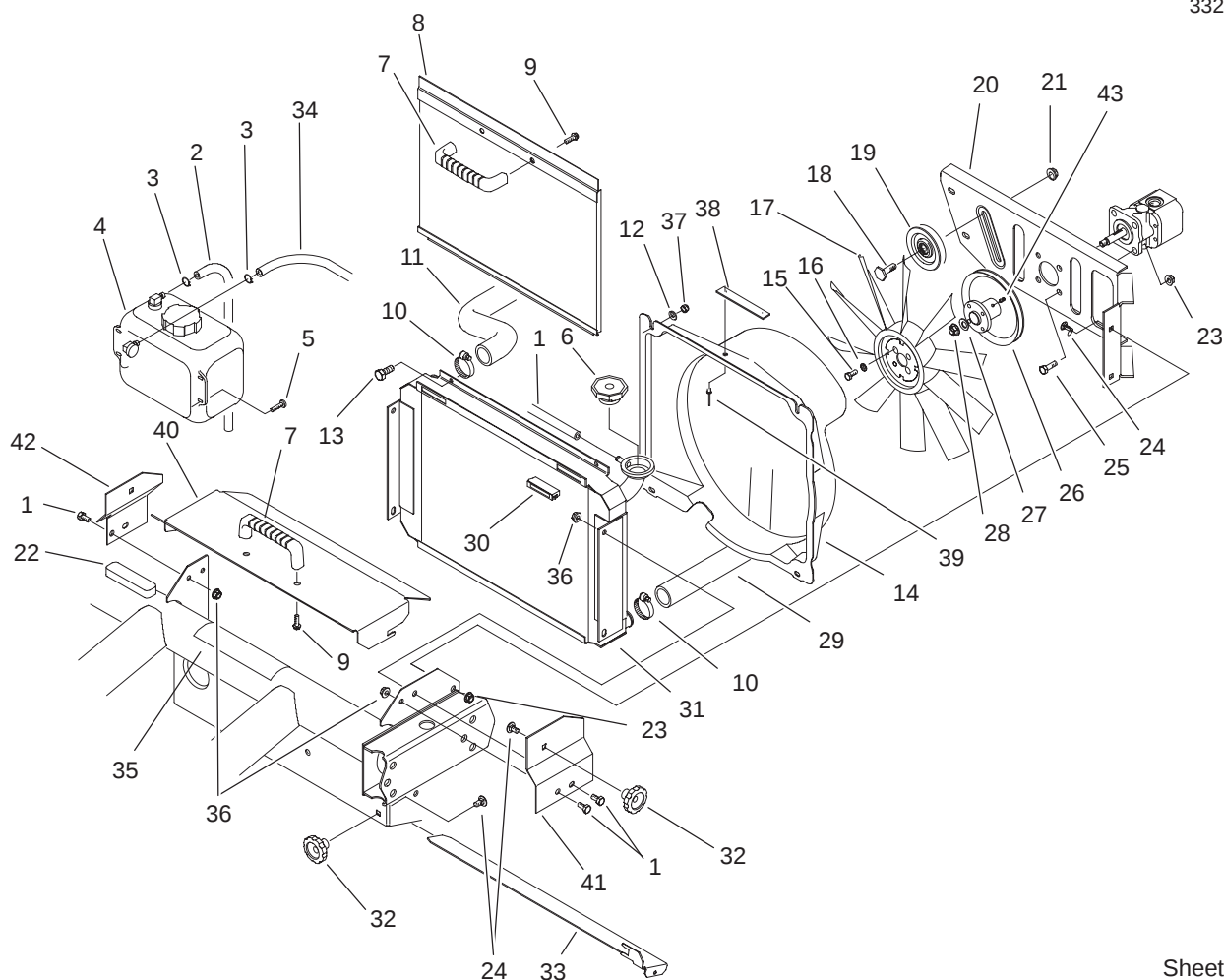
Sheet No.:A6

T-3351

RH Rear Brake Assembly No. 99-9417

Ref. No.	Part No.	Qty.	Description
1		1	RH Rear Brake ASM
1:1	92-4135	2	Bolt-Set
1:2	92-4100	1	RH Backplate ASM
1:3	92-4146	1	Plunger ASM
1:6	92-4143	1	Kit-Shoe, Lined
1:7	92-4148	1	Spring-Shoe Ret, Upper RH
1:8	92-4149	1	Spring-Shoe Ret, Lower
1:12	92-4124	1	RH Lever Pawl ASM
1:13	92-4151	1	Spring-Adjustor, RH
1:15	92-4131	2	Washer-Hold Down, Shoe
1:16	92-4152	2	Spring-Hold Down, Shoe
1:18	92-4134	1	Plug-Inspection
1:19	92-4133	2	Pin-Hold Down, Shoe
1:20	92-4145	1	RH Adjustor ASM
2	92-4117	1	Wheel Cyl ASM
3	92-4119	1	Kit-Seal

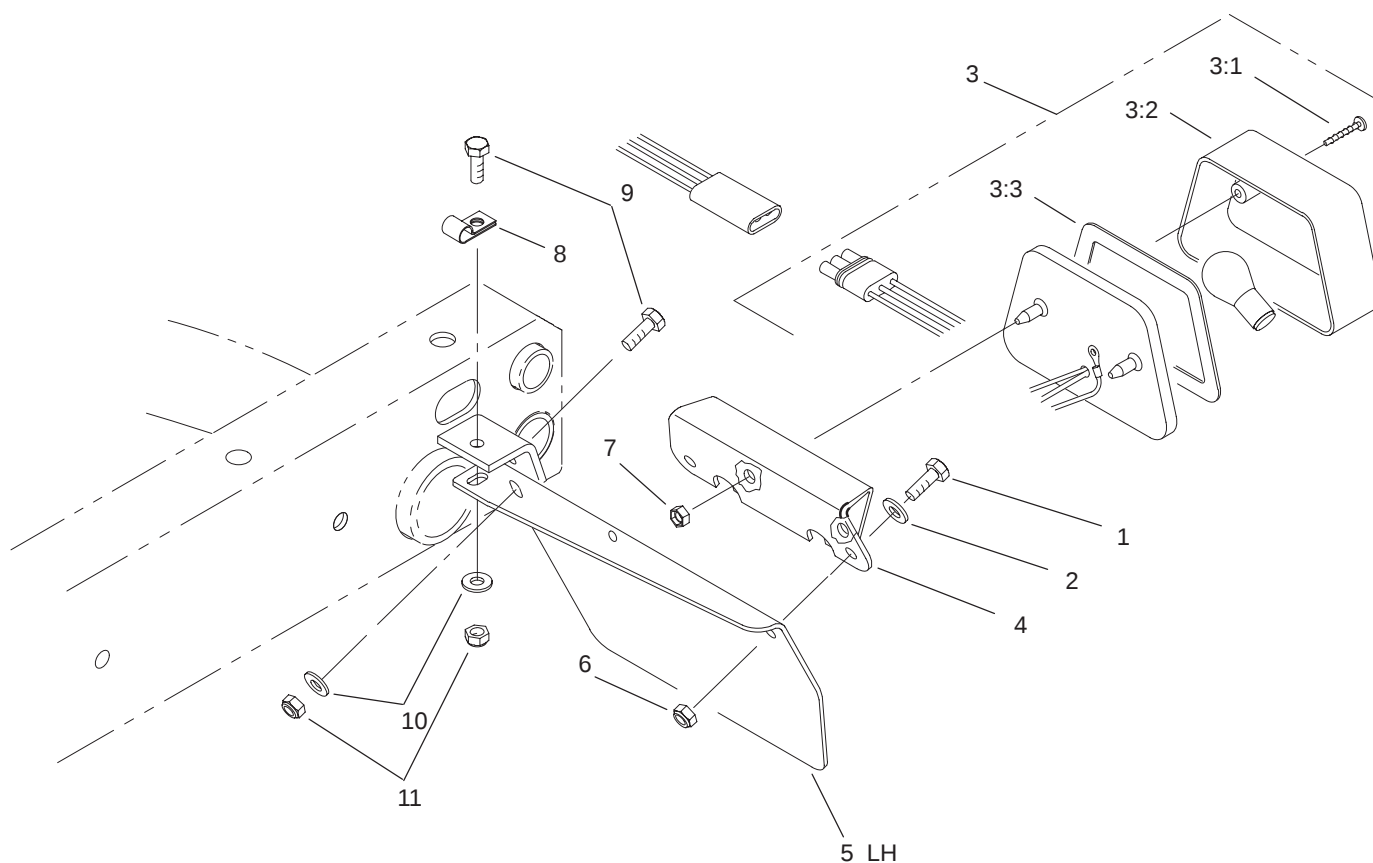
Ref. No.	Part No.	Qty.	Description



Sheet No.:16

Diesel Radiator and Hydraulic Pump Assembly

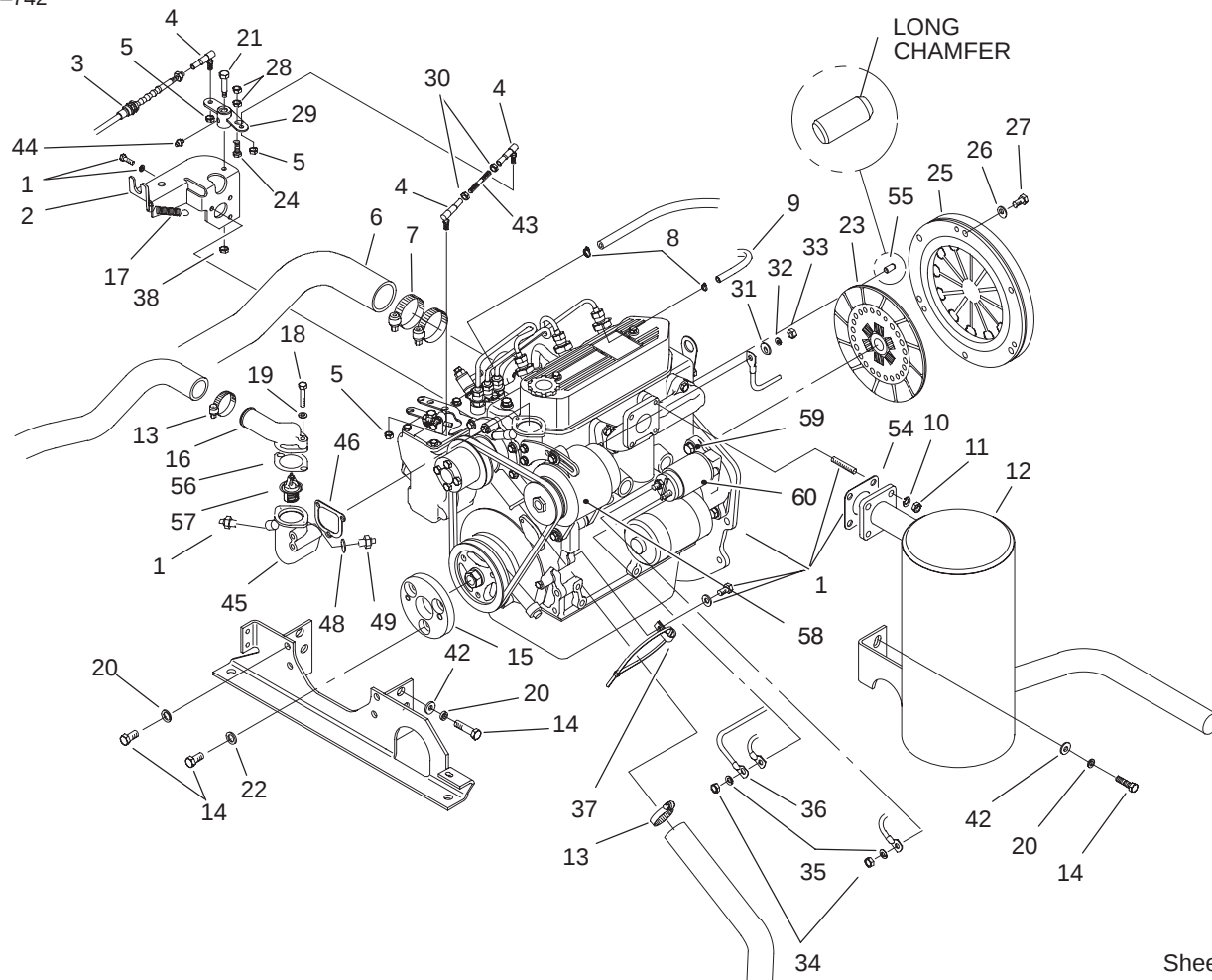
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	322-2	6	Screw-HH	27	3256-45	1	Washer-Flat
2	71-3381	1	Hose-Fuel	28	3296-5	1	Nut-Lock, NI
3	92-2379	2	Clamp-Hose	29	87-4150	1	Hose-Radiator, Lower
4	87-3710	1	Reservoir-Coolant	30	58-4250	2	Catch-Magnetic
5	3250-20	4	Screw-PPH	31	93-7051	1	Radiator-Mando (Diesel)
6	66-3240	1	Cap-Radiator	32	19-4050	3	Knob-Handle, Release
7	65-5100	2	Handle-Door	33	87-9300-03	1	Clean-Out Door
8	93-7103-03	1	Screen-Radiator	34	71-3383	1	Hose-Fuel
9	46-8091	4	Special-HWH	35	87-9420	1	Decal - Caution
10	2412-34	2	Clamp-Hose	36	32128-20	6	Nut-HF
11	87-7330	1	Hose - Radiator	37	3296-42	4	Nut-Lock
12	3256-22	4	Washer-Flat	38	76-8750	1	Plate-Warning
13	321-4	4	Screw-HH	39	3290-271	2	Rivet-Pop
14	93-7089	1	Shroud-Fan	40	93-8940-03	1	Cover - Radiator
15	321-3	4	Screw-HH	41	93-8938-03	1	Brkt-Mount, LH Cover
16	3253-3	4	Washer-Lock/Sp	42	93-8939-03	1	Brkt-Mount, RH Cover
17	84-1880	1	Fan	43	3245-31	1	Screw-HS
18	32141-86	1	Screw-Leveler				
19	63-8140	1	Pulley-Idler				
20	93-7088-03	1	Plate-Mount, Pump				
21	3290-357	1	Nut-Flange, Lock				
22	87-9810	1	Foam-Overflow, Tank				
23	3296-29	8	Nut-Lock, NI				
24	3230-23	7	Screw-CARR				
25	322-5	4	Screw-HH				
26	94-5237	1	Fan Hub ASM				



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Tail Light and Fender Assembly

Ref. No.	Part No.	Qty.	Description
1	321-6	2	Screw-HH
2	3256-22	2	Washer-Flat
3	87-2110	1	Light-Tail/Brake
3:1	32144-93	4	Screw-PPH
3:2	87-6300	2	Lens-Taillight
3:3	87-6310	2	Gasket-Taillight
4	87-5770-03	1	Bracket-Light, Tail
5	93-8943-03	1	Bracket-Fender, LH Rear
6	3296-42	2	Nut-Lock
7	3290-506	2	Palnut
8	2412-93	1	Clamp-R
9	322-5	2	Screw-HH
10	3256-23	2	Washer-Flat
11	3296-29	2	Nut-Lock,NI

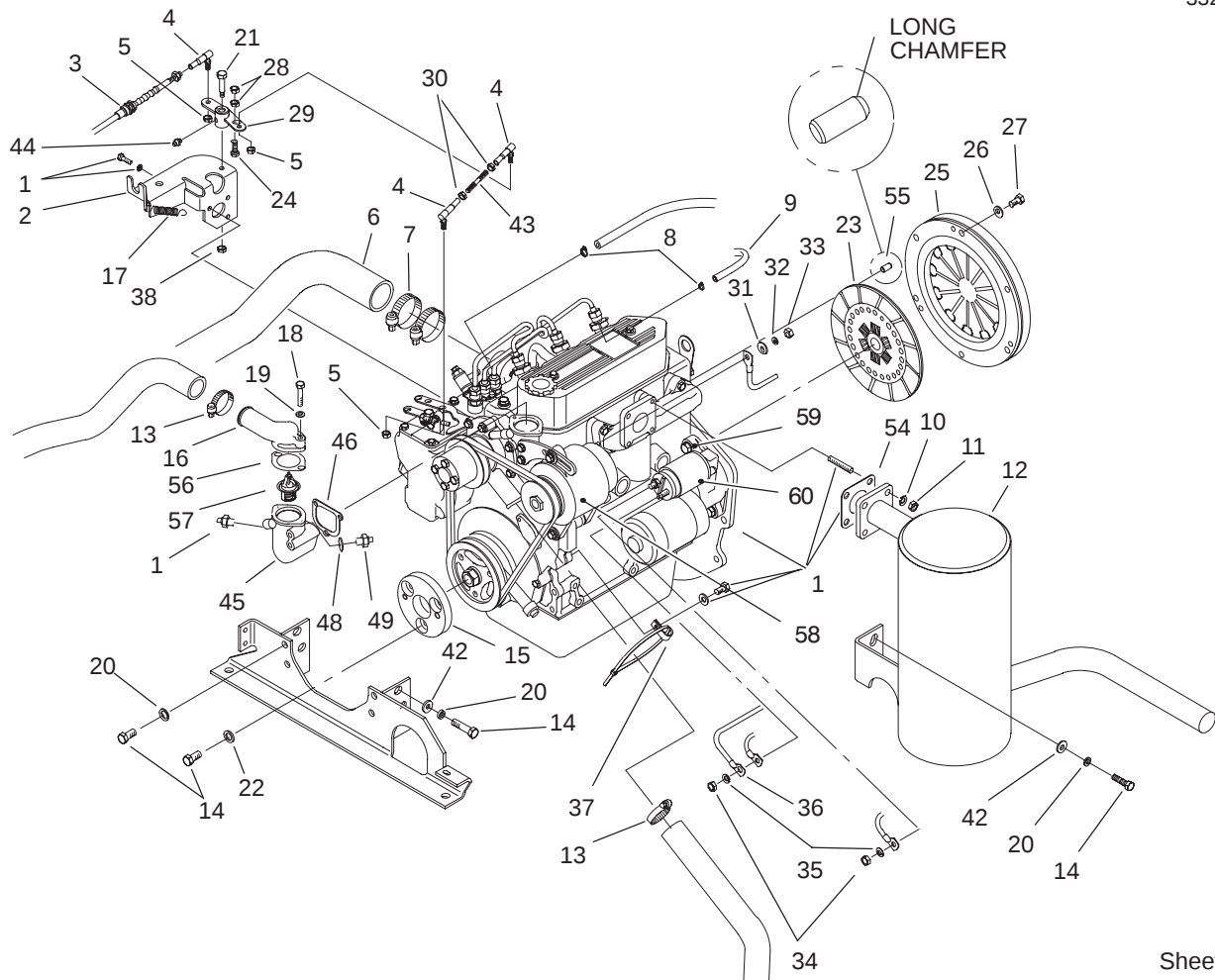


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Diesel Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	100-9432	1	Engine
2	94-5259-03	1	Bracket-Accelerator
3	94-3836	1	Cable-Accelerator
4	18-1720	3	Gov Ball Joint ASM
5	3296-3	3	Nut-Lock NI
6	93-8989	1	Hose – Air Cleaner, DI
7	2412-92	2	Clamp-Hose
8	2412-108	2	Clamp-Worm
9	98-2945	1	Hose – Fuel
10	42-9850	4	Washer-Lock, Spring
11	33014-00	4	Nut-Hex
12	94-5213	1	Muffler – Diesel
13	2412-34	2	Clamp-Hose
14	63-7790	13	Screw-Cap
15	87-4110	1	Puck-Adaptor, Engine
16	87-3410	1	Housing-Outlet, Water
17	86-4760	1	Spring-Extension
18	33113-045	2	Screw-HH
19	33093-00	2	Washer-Flat
20	48-9590	10	Washer-Lock
21	7-0030	1	Bolt-Shoulder
22	36-4790	3	Washer-Thrust
23	87-4700	1	Clutch Disc ASM
24	321-5	1	Screw-HH
25	87-4690	1	Clutch Cover ASM
26	3253-4	6	Washer-Lock/Sp

Ref. No.	Part No.	Qty.	Description
27	33114-016	6	Screw-HH
28	3296-56	2	Nut-Lock NI
29	94-5256-03	1	Bell Crank ASM
30	3220-1	2	Nut-Jam
31	5-3637	1	Spacer
32	43-5920	1	Washer-Lock, Spring
33	48-7880	1	Nut
34	33014-00	2	Nut-Hex
35	3254-2	2	Washer-Lock/Int
36	87-3070	1	Cable – Battery, Pos
37	2412-149	1	Clamp-Hose
38	3296-29	1	Nut-Lock,NI
42	3256-25	6	Washer-Flat
43	93-8995	1	Rod – Threaded
44	302-5	1	Fitting-Lube
45	67-4450	1	Fitting-Thermostat
46	67-4460	1	Gasket-Fitting, Thermostat
48	93-3527	1	Gasket
49	93-3526	1	Switch
54	42-9110	1	Gasket
55	51-5610	3	Pin-Dowel
56	67-4430	1	Gasket-Fitting, Water Outlet
57	93-8974	1	Thermostat

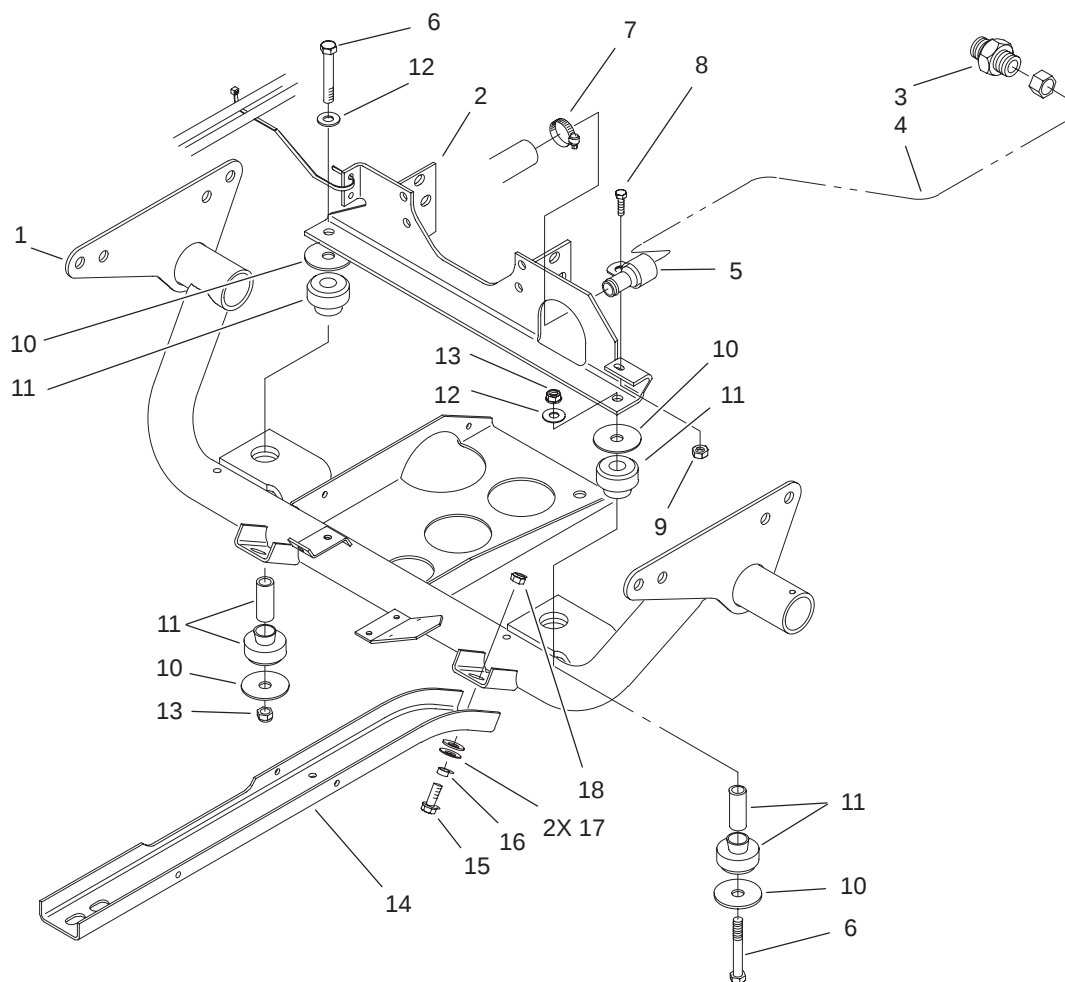


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Diesel Engine Assembly

Ref. No.	Part No.	Qty.	Description
58	100-9394	1	Alternator Assembly
59	92-0483	1	Bolt w/Washer
60	70-8760	1	Starter Assembly

Ref. No.	Part No.	Qty.	Description

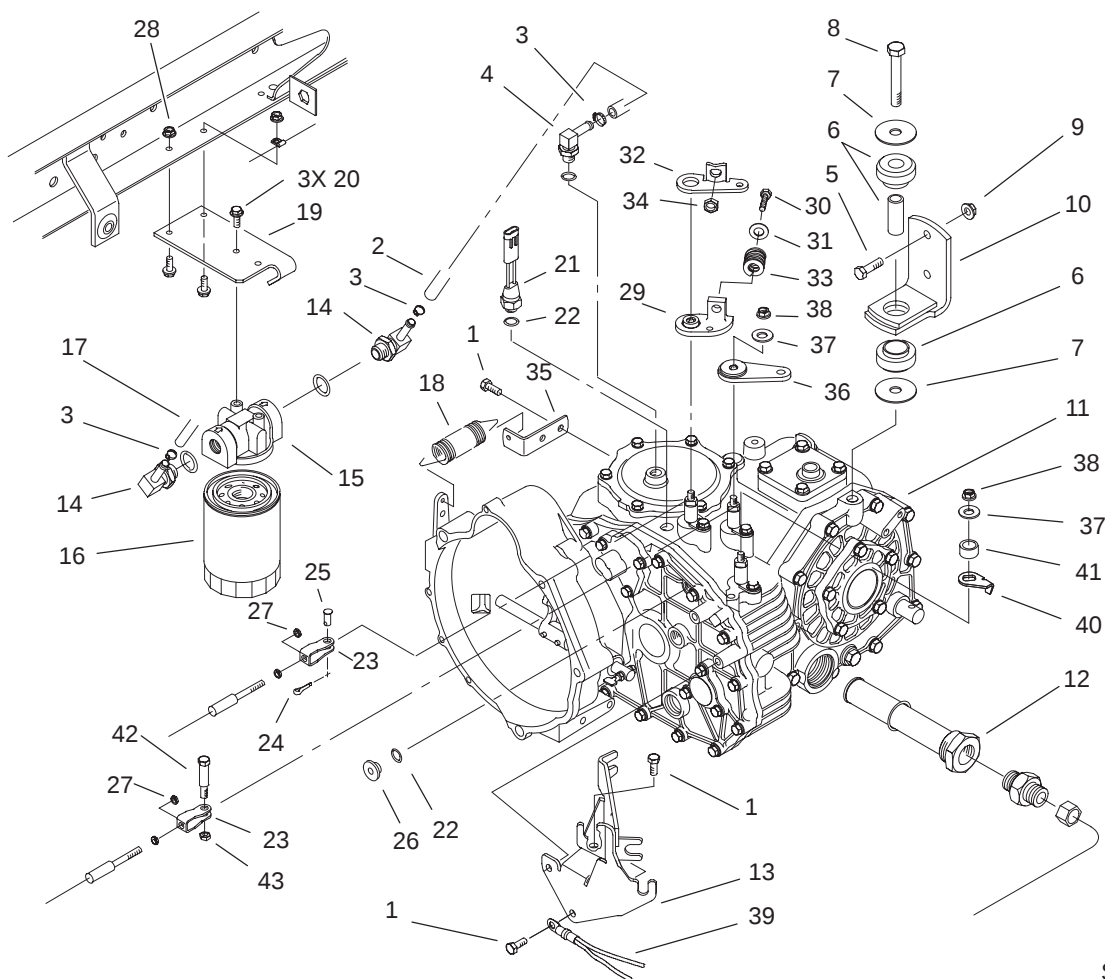


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Diesel Engine Support Assembly

Ref. No.	Part No.	Qty.	Description
1	93-7099-03	1	Engine Support ASM
2	93-7100-03	1	Diesel Engine Mount ASM
3	87-7290	1	Fitting-Straight, Ors/Sae
4	87-6900	1	Hyd. Suction Tube ASM
5	2412-106	1	Clamp-R
6	324-12	2	Screw-HH
7	2412-34	1	Clamp-Hose
8	321-4	1	Screw-HH
9	32128-33	1	Nut-HF
10	87-5100	4	Washer - Snubbing
11	87-4970	2	Engine Mount ASM
12	3256-25	2	Washer-Flat
13	3296-48	2	Nut-Lock NI
14	87-4730-03	2	Guard-Belly
15	3234-11	6	Screw-HHF
16	76-9100	6	Spacer-Speed, Reel
17	3290-413	12	Washer-Belleville
18	3296-39	6	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description

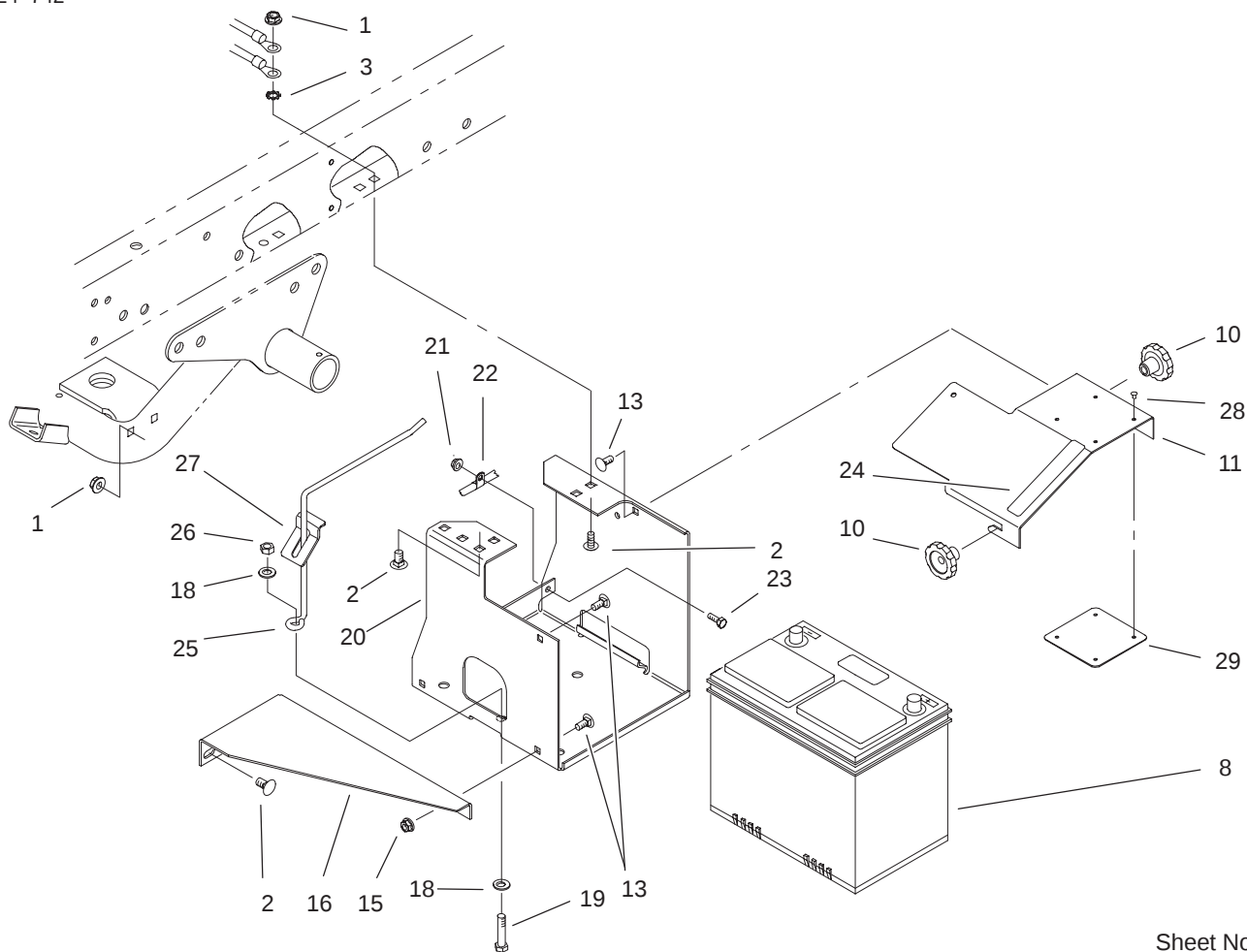


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Transaxle Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	33114-020	5	Screw-HH	23	87-2310	2	Clevis-Cable
2	87-5730	1	Hose	24	3272-6	1	Pin-Cotter
3	2412-36	3	Clamp-Hose	25	283-62	1	Pin-Clevis
4	354-135	1	Fitting-Hydraulic 90	26	353-989	1	Hollow Hex Plug-Sae-6
5	323-7	4	Screw-HH	*26:1	237-42	1	O-Ring
6	87-4970	2	Engine Mount ASM	27	3220-1	2	Nut-Jam
7	87-5100	4	Washer - Snubbing	28	32128-33	1	Nut-HF
8	3215-1	2	Screw-HH	29	87-7970	1	Arm - Shift
9	3296-39	4	Nut-Lock, NI	30	323-10	1	Screw-HH
10	87-5800-03	2	Transaxle Mount ASM	31	3256-4	1	Washer-Flat
11	100-4463	1	2wd Transaxle ASM	32	87-8250	1	Plate-Arm, Shift
12	87-3990	1	Strainer - Transaxle	33	87-6910	1	Spring-Compression
13	87-4820-03	1	Cable Mount Bracket ASM	34	32128-21	1	Nut-HF
14	354-134	2	Fitting-Hydraulic, 90deg	35	87-7170	1	Bracket-Spring, Clutch
15	87-8780	1	Head-Filter	36	87-7960	1	Lever-Shift
16	54-0110	1	Filter-Oil, Transmission	37	80-6990	3	Washer-Hardened
17	99-1058	1	Hose ASM	38	48-9520	3	Nut
18	68-9950	1	Spring-Traction	39	87-3080	1	Cable - Battery, Neg
19	87-7040-03	1	Bracket-Filter, Hydraulic	40	99-1052	1	Plate-Hi-Lo
20	3234-4	4	Screw-Hfh	41	92-6982	1	Spacer - Brake
21	72-4310	1	Switch	42	100-4516	1	Bolt-Shoulder
22	237-30	2	O-Ring	43	3296-56	1	Nut-Lock

* Not illustrated

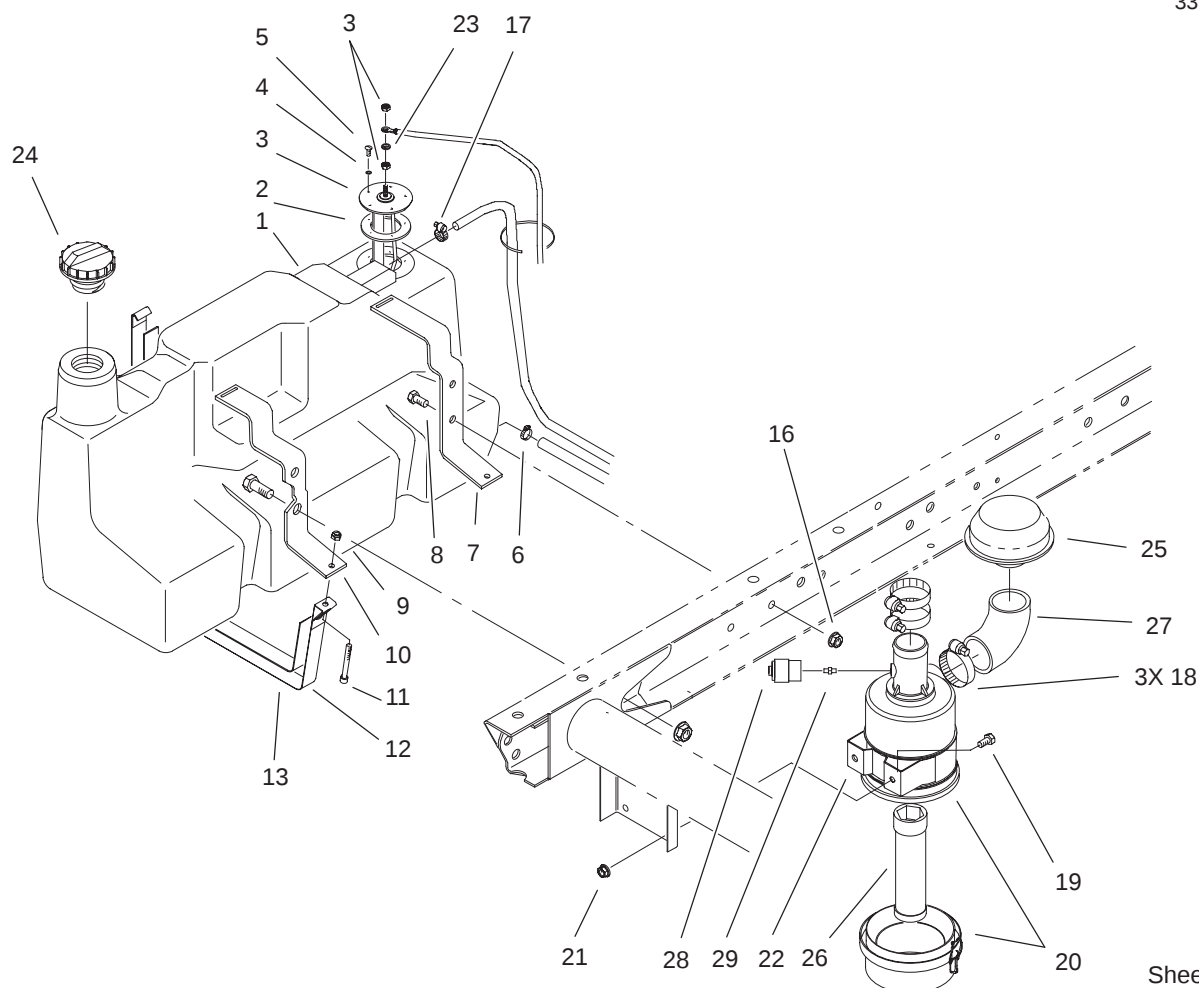


Sheet No.:22

Battery and Muffler Assembly

Ref. No.	Part No.	Qty.	Description
1	3290-357	6	Nut-Flange, Lock
2	3231-21	6	Screw-CARR
3	3255-9	1	Washer-Lock/Ext
8	87-7390	1	Battery
10	19-4050	2	Knob-Handle, Release
11	87-5130-03	1	Cover-Battery
13	3230-23	4	Screw-CARR
15	32128-20	2	Nut-HF
16	87-5110-03	1	Support-Base, Battery
18	3256-24	2	Washer-Flat
19	323-9	1	Screw-HH
20	87-5120-03	1	Bracket-Holder, Battery
21	32128-33	1	Nut-HF
22	2412-89	1	Clamp-R
23	321-4	1	Screw-HH
24	36-3400	1	Decal-No Step
25	87-7600	1	Rod-Support, Battery
26	3296-39	1	Nut-Lock, NI
27	87-7610	1	Tab-Support, Battery
28	3269-27	4	Rivet-Snap
29	87-7620	1	Shield-Terminal, Battery

Ref. No.	Part No.	Qty.	Description



Sheet No.:23

Fuel Tank and Air Cleaner Assembly

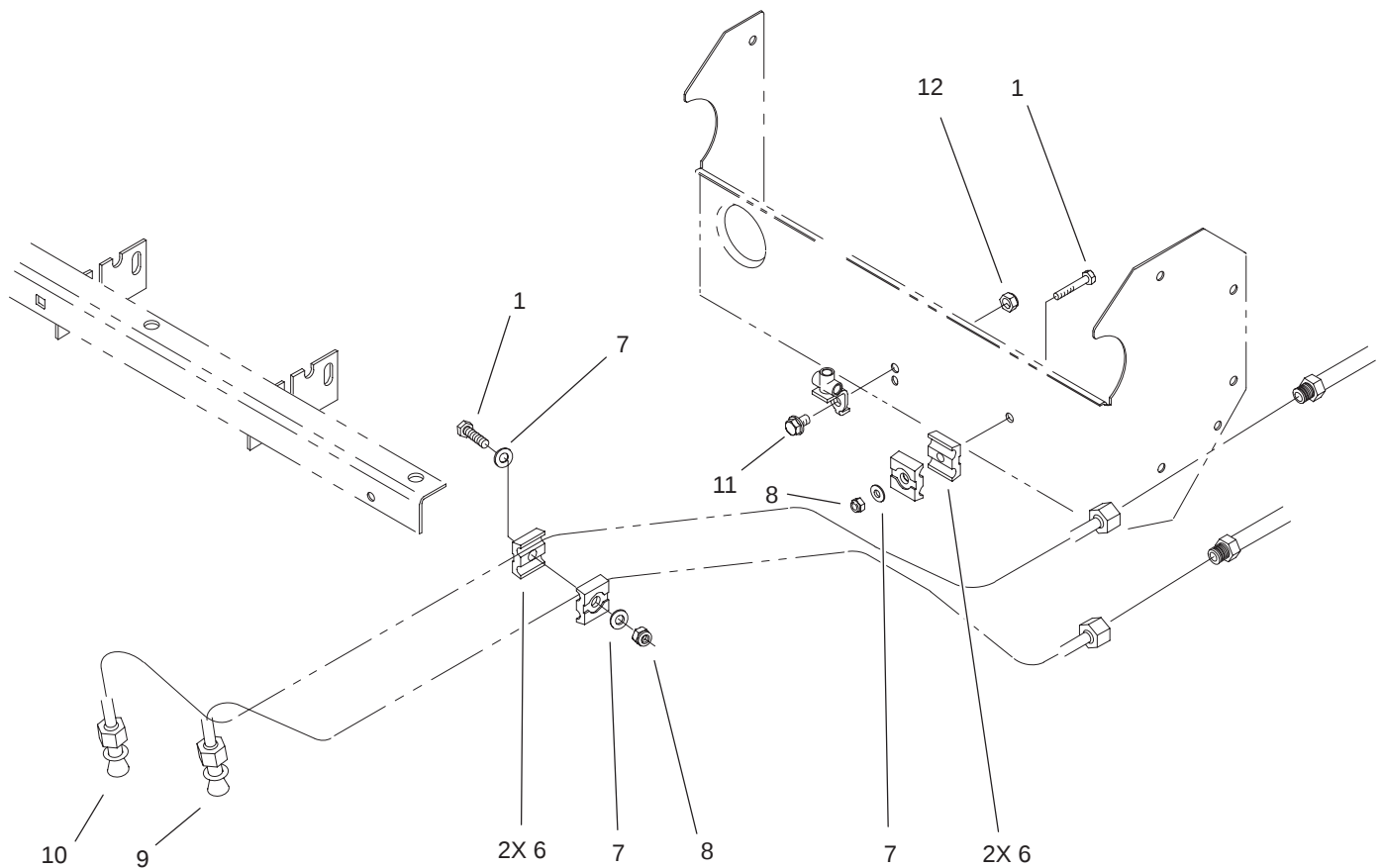
Ref. No.	Part No.	Qty.	Description
1	98-2915	1	Tank – Fuel
2	62-7650	1	Gasket
3	63-7640	1	Sender–Fuel
4	3253-15	5	Washer–Lock/Sp
5	32122-24	5	Screw–Pth
6	92-2379	1	Clamp–Hose
7	87-3140-03	1	Support–Gas Tank, Rear
8	323-4	2	Screw–HH
9	3296-42	2	Nut–Lock
10	87-3150-03	1	Support–Gas Tank, Front
11	3274-54	2	Screw–HSH
12	87-3160	2	Strap–Tank, Gas
13	87-3170	2	Strap–Strip, Felt
16	3290-357	2	Nut–Flange, Lock
17	2412-108	1	Clamp–Worm
18	2412-92	3	Clamp–Hose
19	322-2	2	Screw–HH
20	95-5805	1	Air Cleaner ASM
21	32128-20	2	Nut–HF
22	93-2191	1	Band–Mounting, Air Cleaner
23	5-3637	1	Spacer
24	93-3102	1	Cap – Fuel (Diesel)
25	46-7510	1	Hood–Inlet, Air

Ref. No.	Part No.	Qty.	Description
26	98-2982	1	Filter – Safety Element
27	94-5248	1	Elbow–Intake, Air
28	93-9164	1	Indicator – Mini
29	94-1416	1	Indicator Adapter ASM

Air Cleaner Assembly No. 95-5805

Ref. No.	Part No.	Qty.	Description

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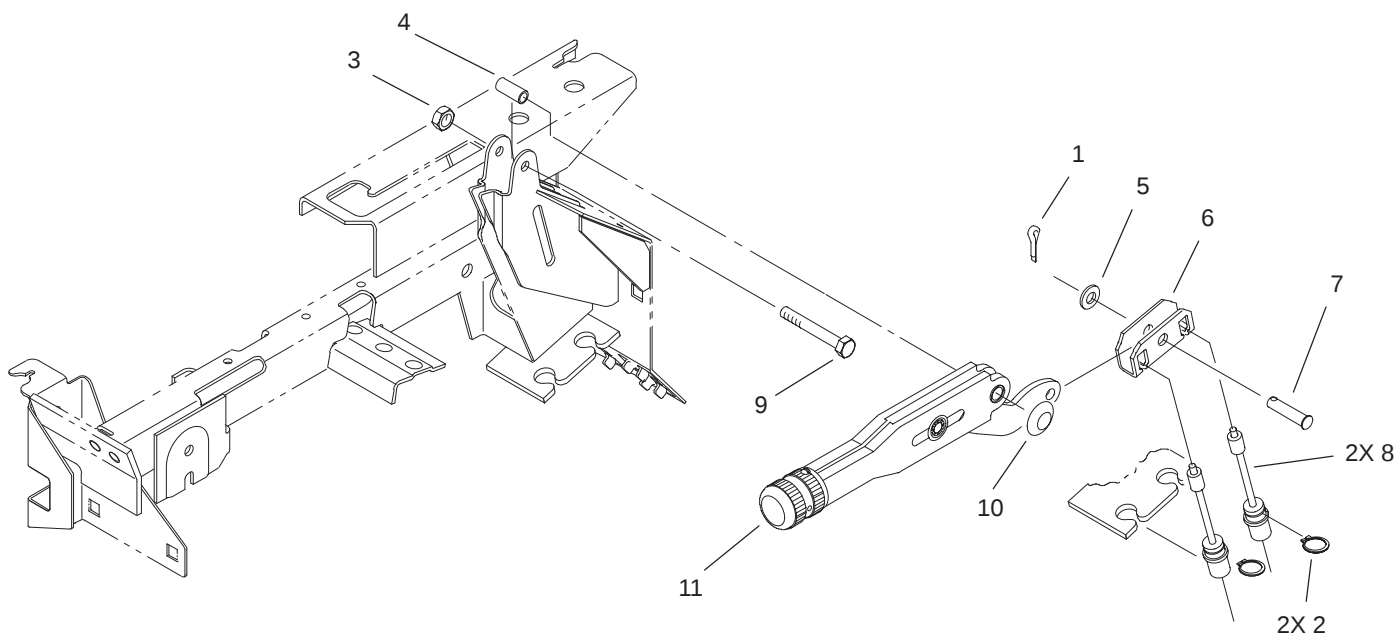


Sheet No.:24

Lift Valve Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	321-9	2	Screw-HH
6	56-7973	4	Clamp-Tube
7	3256-22	3	Washer-Flat
8	3296-42	2	Nut-Lock
9	87-9350	1	Hardline-Steering
10	87-4540	1	Hardline-Steering
11	322-2	1	Screw-HH
12	32128-20	1	Nut-HF

Ref. No.	Part No.	Qty.	Description

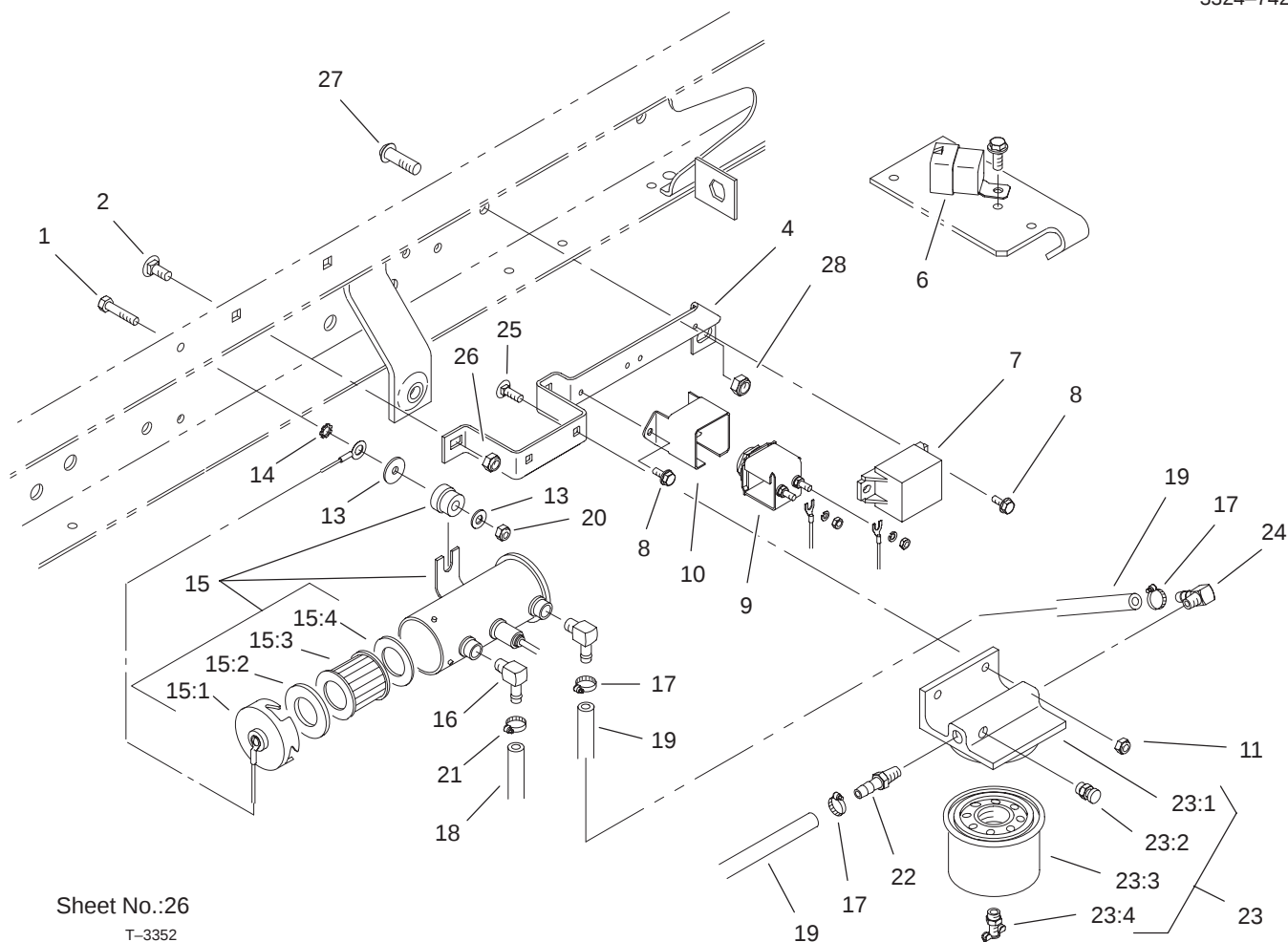


Sheet No.:25

Parking Brake Assembly and Miscellaneous Parts

Ref. No.	Part No.	Qty.	Description
1	3272-6	1	Pin-Cotter
2	32120-47	2	Ring-Retaining, Ext
3	3296-42	1	Nut-Lock
4	87-4710	1	Spacer-Brake, Parking
5	3256-23	1	Washer-Flat
6	87-3480	1	Bracket-Equalizer, Cable
7	94-3829	1	Pin-Clevis
8	87-8240	2	Cable-Brake
9	321-9	1	Screw-HH
10	3290-477	1	Washer-Curved
11	87-2710	1	Lever-Brake

Ref. No.	Part No.	Qty.	Description



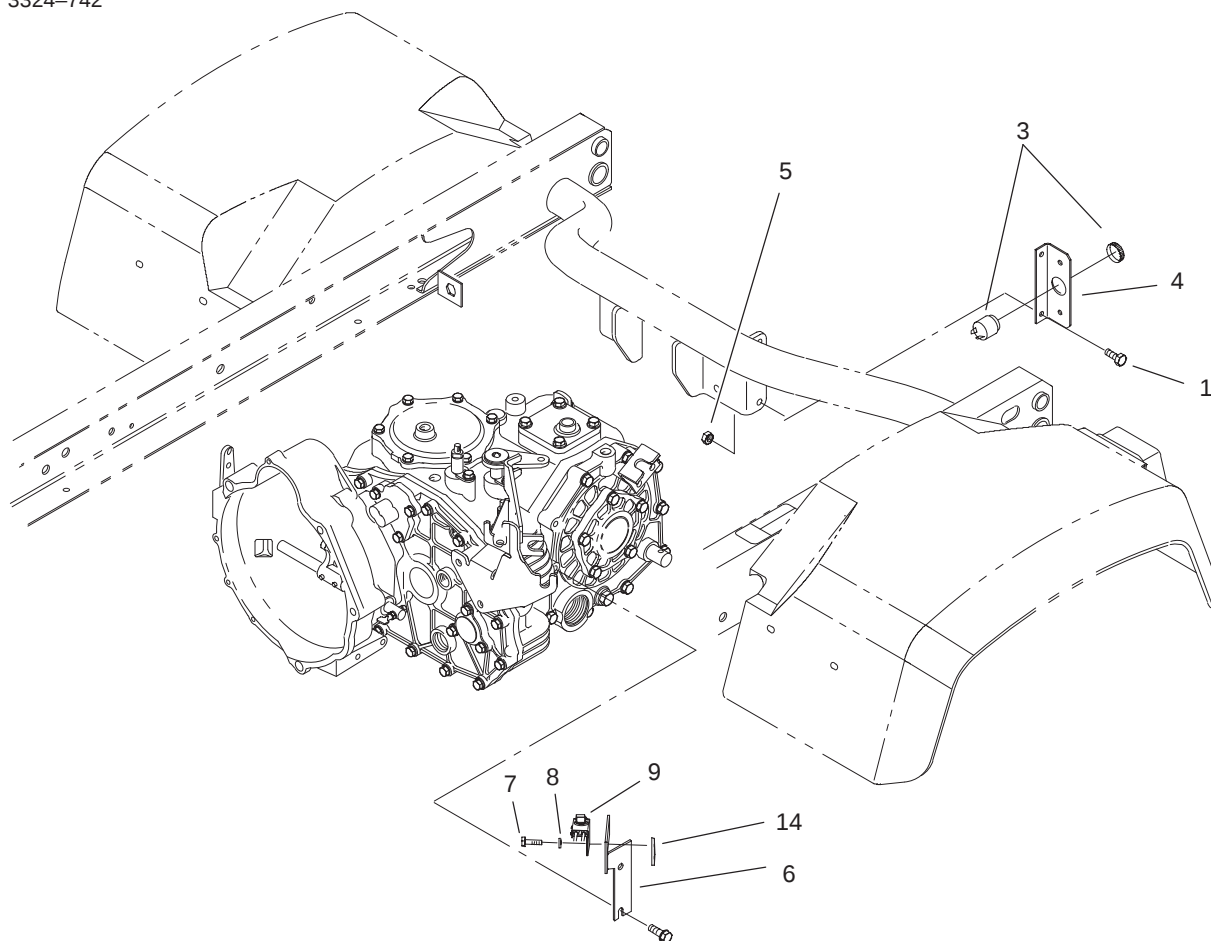
Sheet No.:26

T-3352

Diesel Fuel Pump, Filter and Relays

Ref. No.	Part No.	Qty.	Description
1	48-7650	2	Screw
2	3230-23	2	Screw-CARR
4	87-7380-03	1	Bracket-Indicator, Relay
6	70-1480	1	Relay
7	66-8800	1	Relay
8	12-5450	4	Screw-Vex, Special
9	66-8700	1	Indicator-Glow
10	70-8560	1	Retainer-Plug, Glow
11	3296-42	2	Nut-Lock
13	3256-67	3	Washer-Flat
14	3255-7	1	Washer-Lock/Ext
15	53-8150	1	Pump-Fuel
15:1	43-2580	1	Magnet-Pump
15:2	43-2560	1	Gasket-Pump
15:3	43-2550	1	Filter-Pump
15:4	43-2570	1	Gasket-Pump
16	46-3710	2	Fitting-Hydraulic 90
17	2412-108	3	Clamp-Worm
18	63-9640	1	Hose
19	27-5360	2	Line-Fuel
20	49-7810	2	Nut-Lock
21	92-2379	1	Clamp-Hose
22	353-783	1	Fitting-Pump
23	63-7650	1	Separator-Filter/Water
23:1	63-8280	1	Head ASM

Ref. No.	Part No.	Qty.	Description
23:2	63-8290	1	Vent-Air
23:3	63-8300	1	Element-Spin-On
23:4	63-8310	1	Valve-Drain
24	353-707	1	Fitting-Hydraulic 90
25	3229-25	2	Screw-CARR
26	3296-29	2	Nut-Lock, NI
27	3274-94	1	Screw-HSBH
28	3296-39	1	Nut-Lock, NI

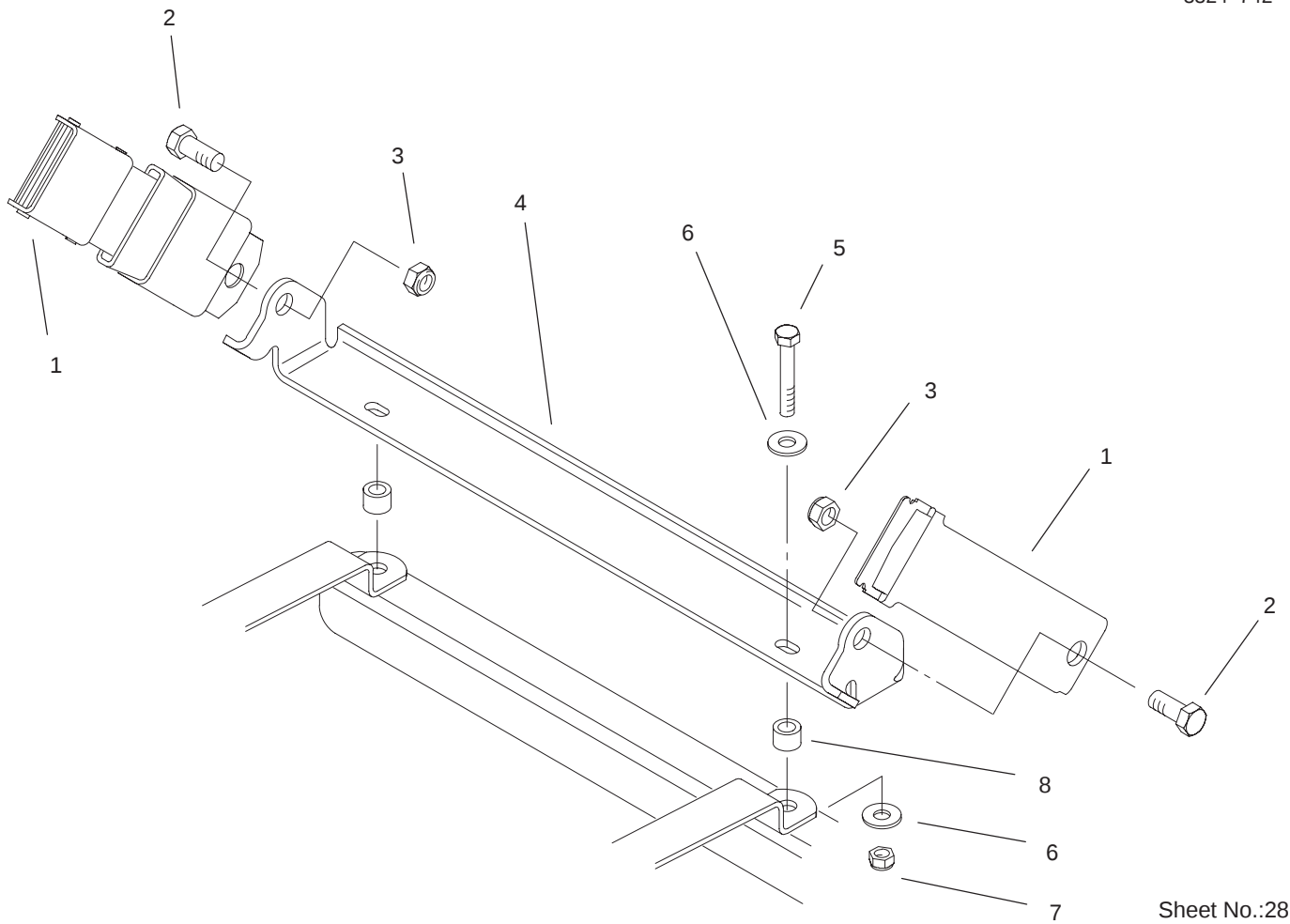


Sheet No.:27

Backup Alarm Assembly

Ref. No.	Part No.	Qty.	Description
1	321-5	2	Screw-HH
3	100-4545	1	Alarm – Backup
4	93-3921-03	1	Bracket-Alarm, Reverse
5	3296-42	2	Nut-Lock
6	93-3919-03	1	Bracket-Switch, Reverse
7	32105-13	2	Screw-Shh
8	3256-14	2	Washer-Flat
9	92-7905	1	Switch & Bracket ASM
14	93-9539	1	Strip – Tapped

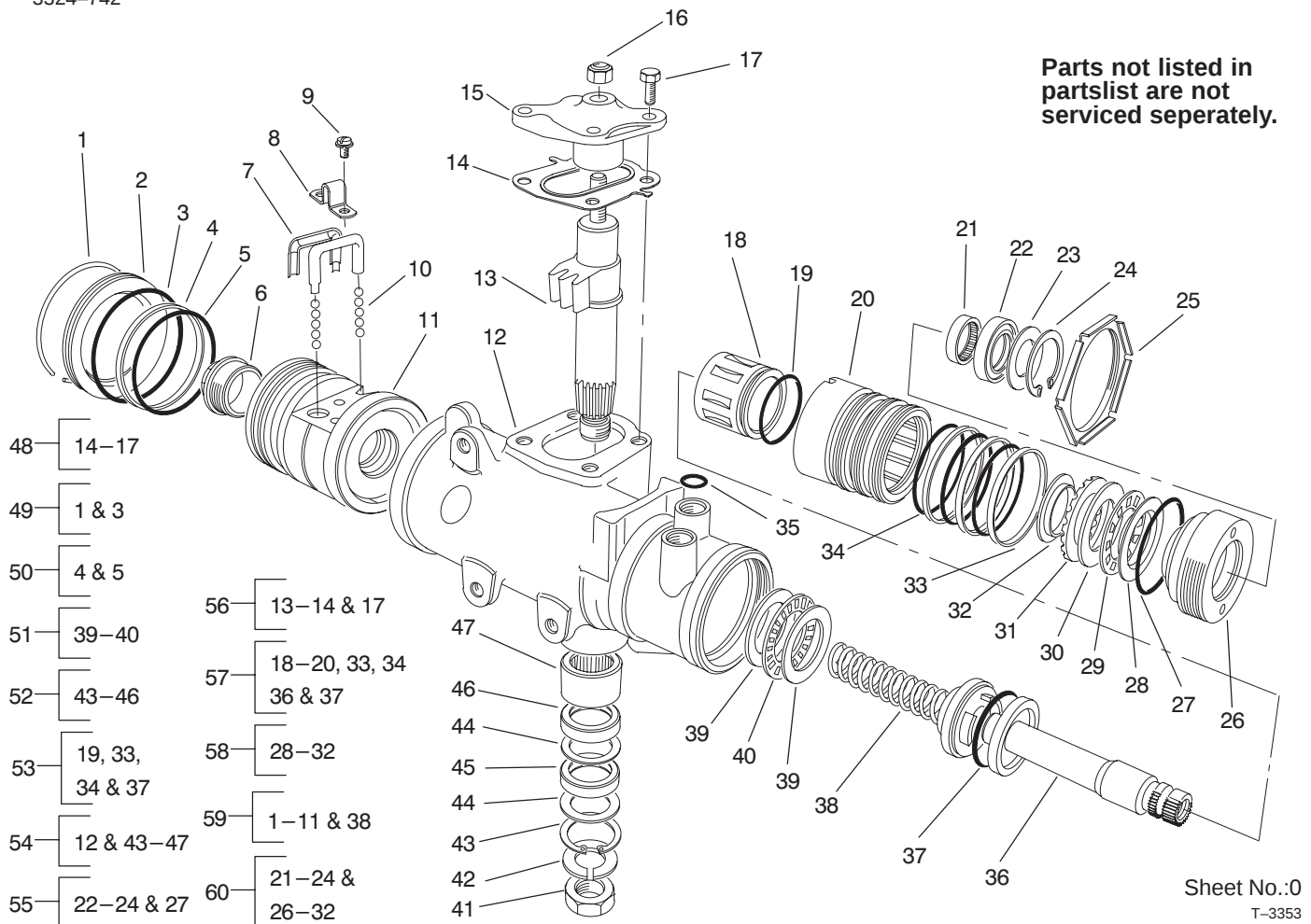
Ref. No.	Part No.	Qty.	Description



Seat Belt Assembly

Ref. No.	Part No.	Qty.	Description
1	21-4191	2	Seat Belt ASM
2	3212-4	4	Screw-HH
3	3296-38	4	Nut-Lock NI
4	87-7280-03	2	Bracket-Belt, Seat
5	322-10	4	Screw-HH
6	3256-3	8	Washer-Flat
7	3296-29	4	Nut-Lock,NI
8	52-2480	4	Spacer-wheel

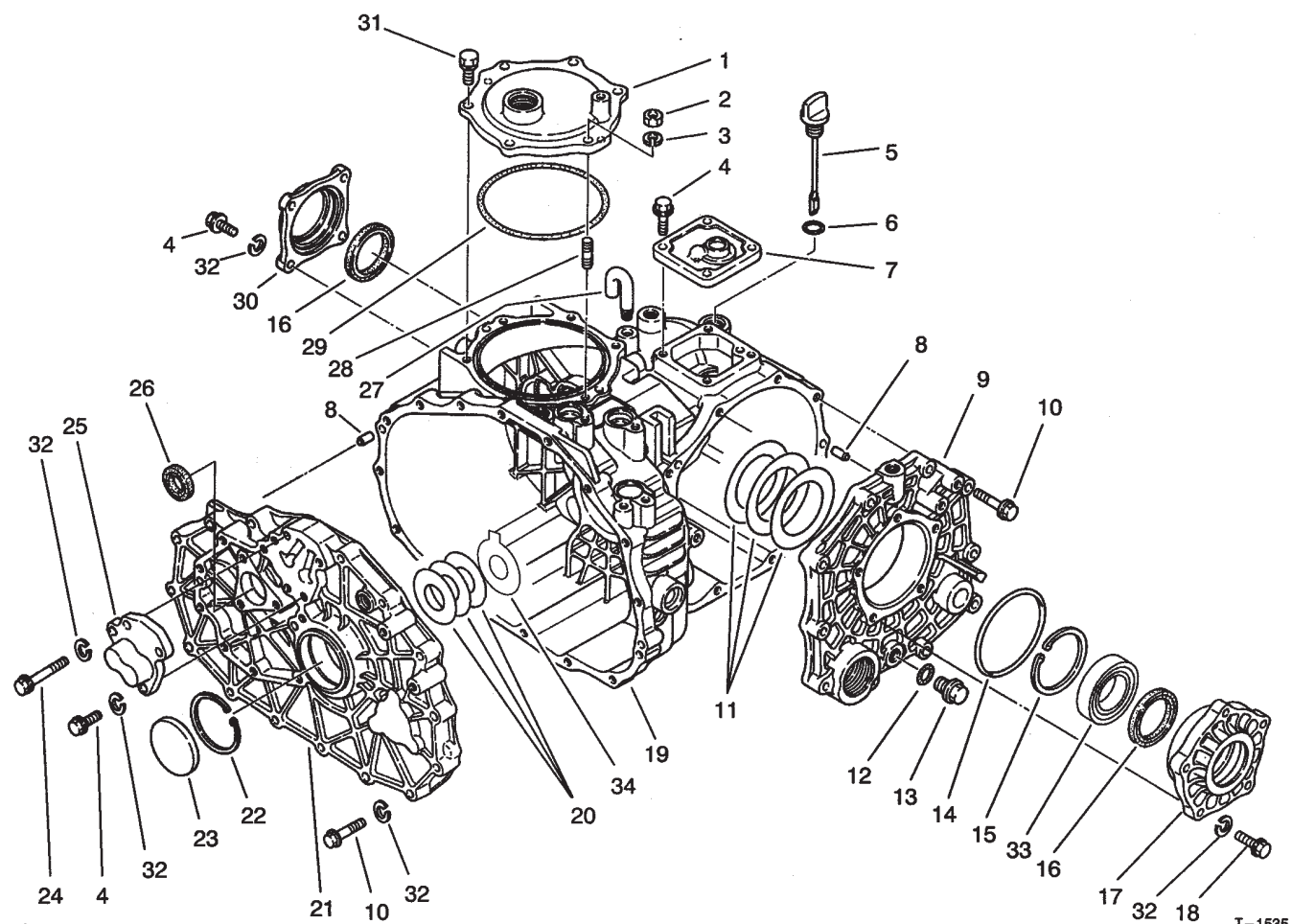
Ref. No.	Part No.	Qty.	Description



Steering Gear Assembly No. 87-1500

Ref. No.	Part No.	Qty.	Description
2	92-4165	1	Plug-End, Housing
6	18-4340	1	Plug-End, Rack Piston
7	92-4168	2	Return-Ball, Guide
8	18-4270	1	Clamp-Return, Ball
9	18-4260	2	Screw-Lockwasher ASM
10	18-5190	1	Kit-Ball, Recirculating
14	28-8280	1	Kit-Seal Housing Cover
16	28-8220	1	Adjuster-Lash, Nut
17	28-8210	4	Bolt-HHF
21	92-4169	1	Bearing-Needle
25	92-4159	1	Nut
27	28-8200	1	O-Ring
35	39-7310	3	O-Ring
41	39-7440	1	Nut-Arm, Pitman
42	39-7420	1	Lockwasher
47	92-4170	1	Bearing-Shaft, Pitman
48	92-4161	1	Kit-Cover Housing Side
49	28-8270	1	Kit-Seal End Plug
50	28-8290	1	Kit-Seal
51	18-5180	1	Kit-Bearing, Thrust
52	98-2962	1	Kit-Seal
53	18-5170	1	Kit-Seal, Valve Ring
54	92-4163	1	Kit-Housing ASM

Ref. No.	Part No.	Qty.	Description
55	92-4167	1	Kit-Seal Adj Plug
56	92-4162	1	Kit-Gear ASM
57	92-4158	1	Steering Valve ASM
58	92-4160	1	Kit-Bearing ASM
59	92-4166	1	Rack-Piston Nut ASM
60	92-4164	1	Kit-Adj. Plug ASM

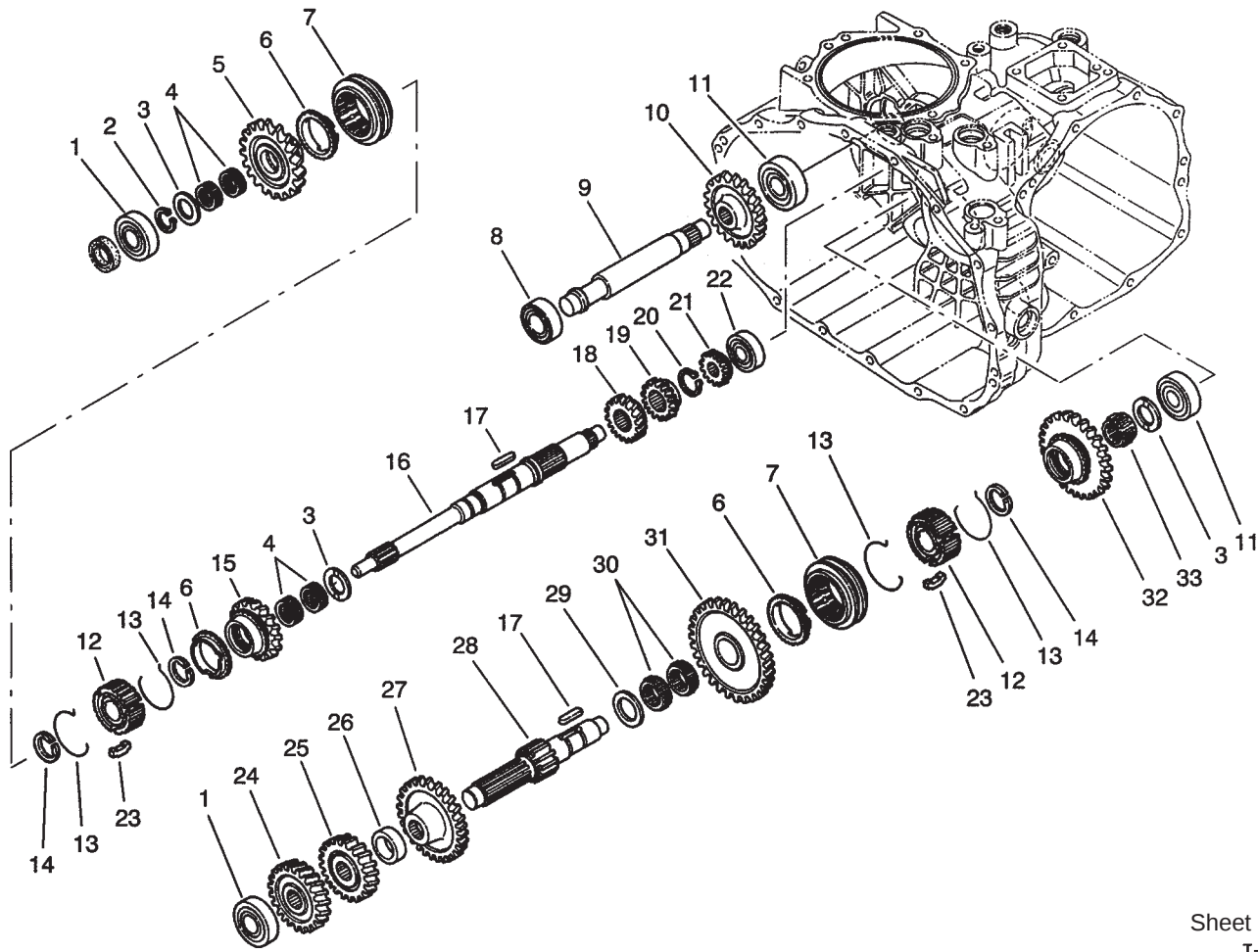


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Transaxle Case Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	92-0656	1	Cover-Upper, PTO	28	92-0804	1	Stud
2	48-7930	1	Nut	29	92-0790	1	O-Ring
3	92-0762	1	Washer-Spring	30	92-0655	1	Cover-Seal, Axle
4	60-6750	11	Bolt	31	92-0796	5	Bolt
5	92-0662	1	Cap-Oil	32	42-9850	42	Washer-Lock, Spring
6	92-0788	1	O-Ring	34	100-4465	1	Shim w/ Tab
7	92-0652	1	Cover-Upper				
8	92-0765	4	Pin-Parallel				
9	92-0653	1	Cover-Side				
10	42-9530	25	Bolt/Washer				
11	92-0809	1	Set-Shim				
12	92-0787	1	O-Ring				
13	92-0773	1	Drain Plug				
14	92-0789	1	O-Ring				
15	92-0760	1	Ring-Snap				
17	92-0654	1	Diff. Carrier				
18	48-7730	5	Screw-HH				
19	92-0651	1	Case-Transmission				
20	100-4460	1	Shim Set				
21	100-4461	1	Plate - Center, 2wd				
22	92-0759	1	Ring-Snap				
23	92-0807	1	Sealing Cap				
24	48-7560	1	Bolt-HH				
25	92-0706	1	Shaft-Fork				
26	92-0791	1	Oil Seal				
27	92-0743	1	Breather-Air				



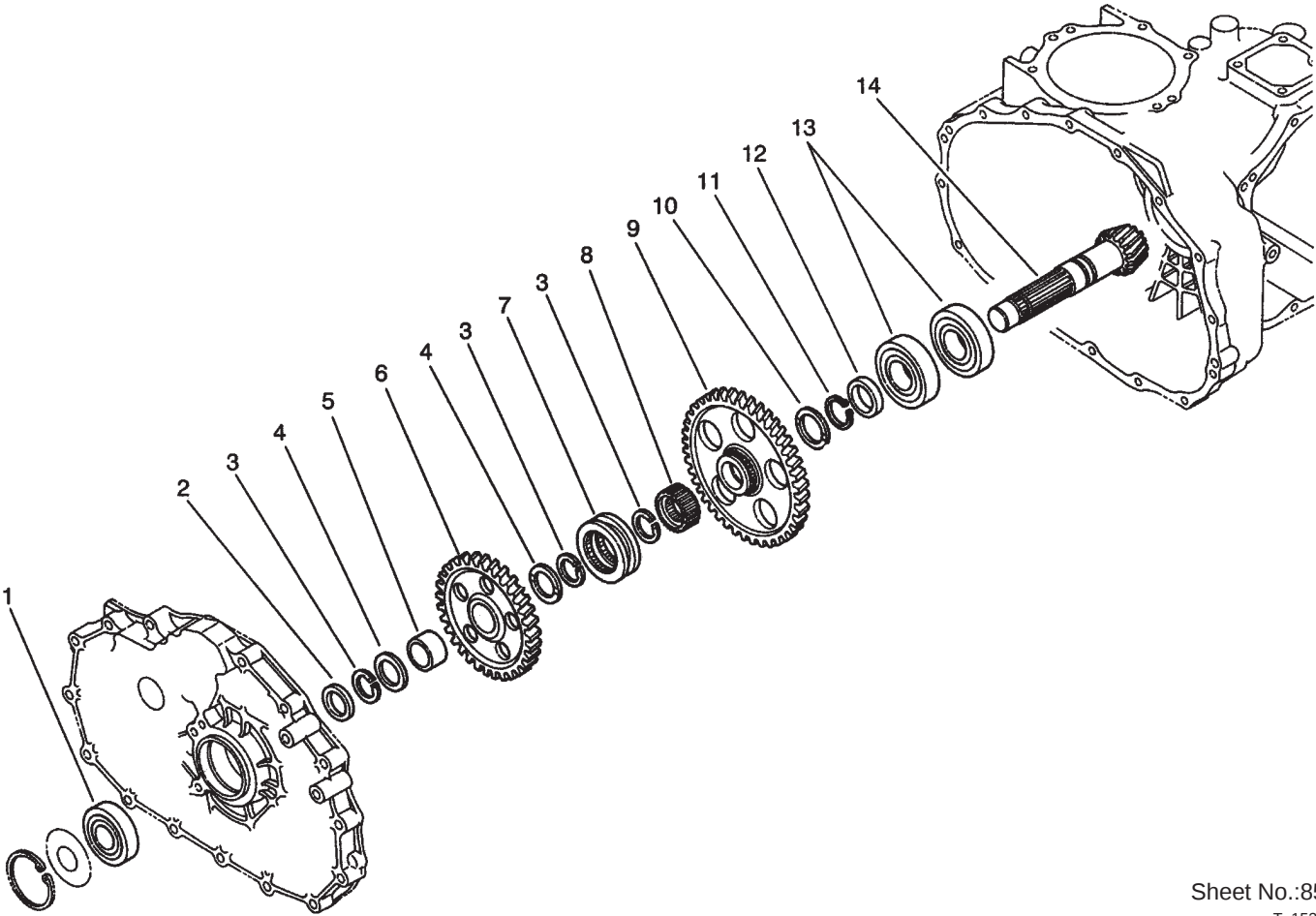
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Transaxle Gear Shafts Assembly

Ref. No.	Part No.	Qty.	Description
1	251-8	2	Bearing-Ball
2	92-0753	1	Ring-Snap
3	92-0740	3	Washer-Thrust
4	92-0781	4	Needle
5	92-0820	1	Main Gear 27
6	92-0667	3	Ring-Synchro
7	92-0668	2	Shifter-Synchro
8	251-346	2	Ball Bearing
9	92-0824	1	Shaft-Idler, Reverse
10	92-0684	1	Gear-Reverse, 33
11	92-0778	2	Bearing
12	92-0664	2	Hub-Synchro
13	92-0666	4	Spring-Synchro
14	92-0763	3	Ring-Snap
15	92-0821	1	Main Gear 24
16	92-0663	1	Shaft-Main
17	92-0772	2	Key-5x18
18	92-0687	1	Gear-Main, 16 PTO
19	92-0672	1	Gear-Main, 18
20	92-0754	1	Ring-Snap
21	92-0673	1	Gear-Main, 14
22	92-0650	1	Bearing
23	92-0665	6	Key-Synchro
24	92-0822	1	Reduction Gear 28
25	92-0679	1	Gear-Reduction, H23
26	92-0680	1	Collar

Ref. No.	Part No.	Qty.	Description
27	92-0823	1	Reduction Gear 43
28	92-0674	1	Shaft-Reduction
29	92-0682	1	Washer-Thrust
30	92-0681	2	Needle
31	92-0677	1	Gear-Reduction, 49
32	92-0819	1	Reduction Gear 40
33	92-0782	1	Needle

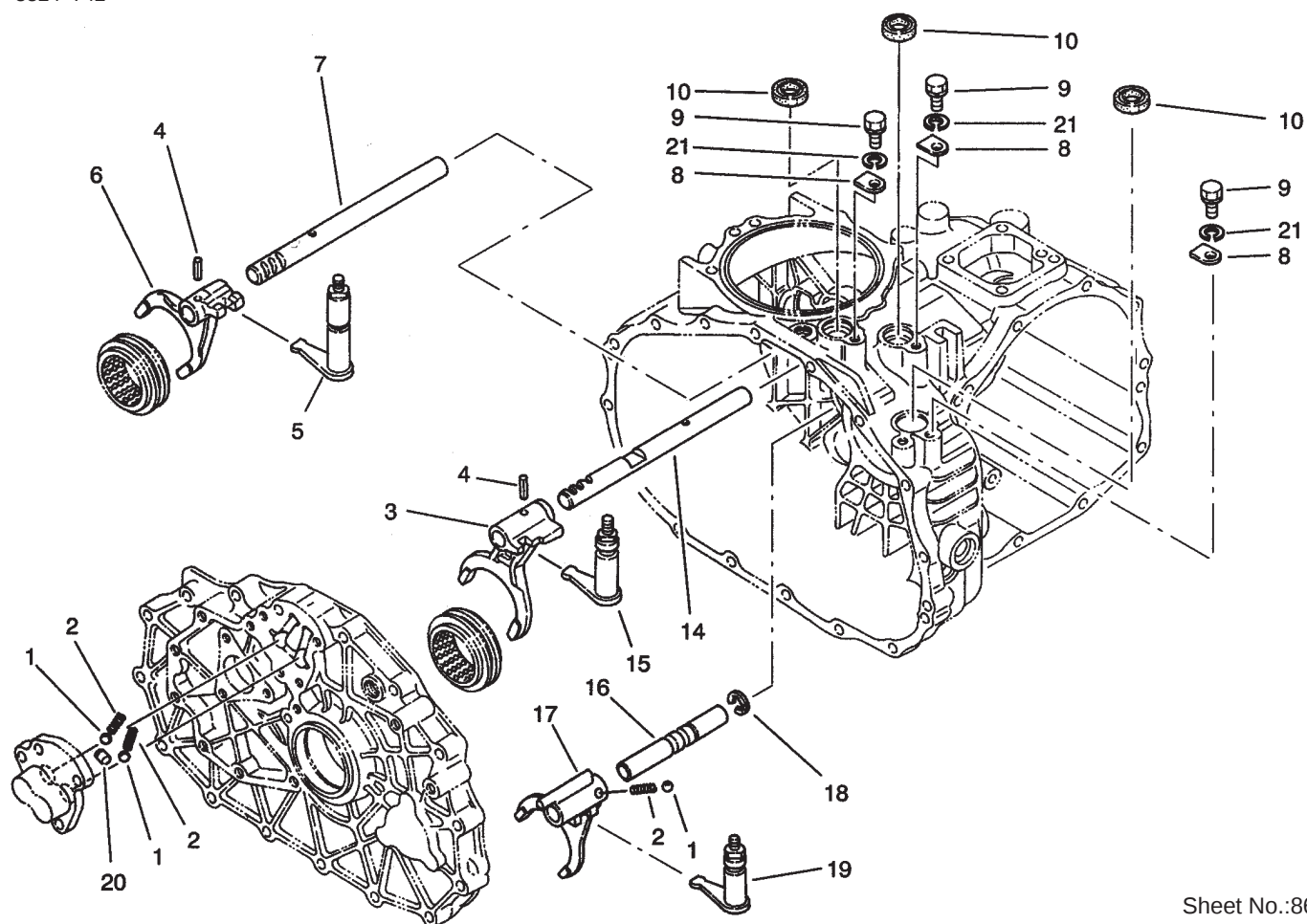


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Countershaft Assembly

Ref. No.	Part No.	Qty.	Description
1	92-0712	1	Bearing
2	92-0716	1	Collar
3	92-0764	3	Ring-Snap
4	92-0711	2	Washer-Thrust
5	92-0783	1	Race-Inner
6	92-0715	1	Gear-Shaft, Counter
7	92-0718	1	Shifter
8	92-0719	1	Collar-Spline
9	92-0717	1	Gear-Shaft, Counter
10	92-0741	1	Washer-Thrust
11	92-0755	1	Ring-Snap
12	92-0713	1	Collar
13	92-0714	2	Bearing
14	92-0710	1	Gear-Ring

Ref. No.	Part No.	Qty.	Description



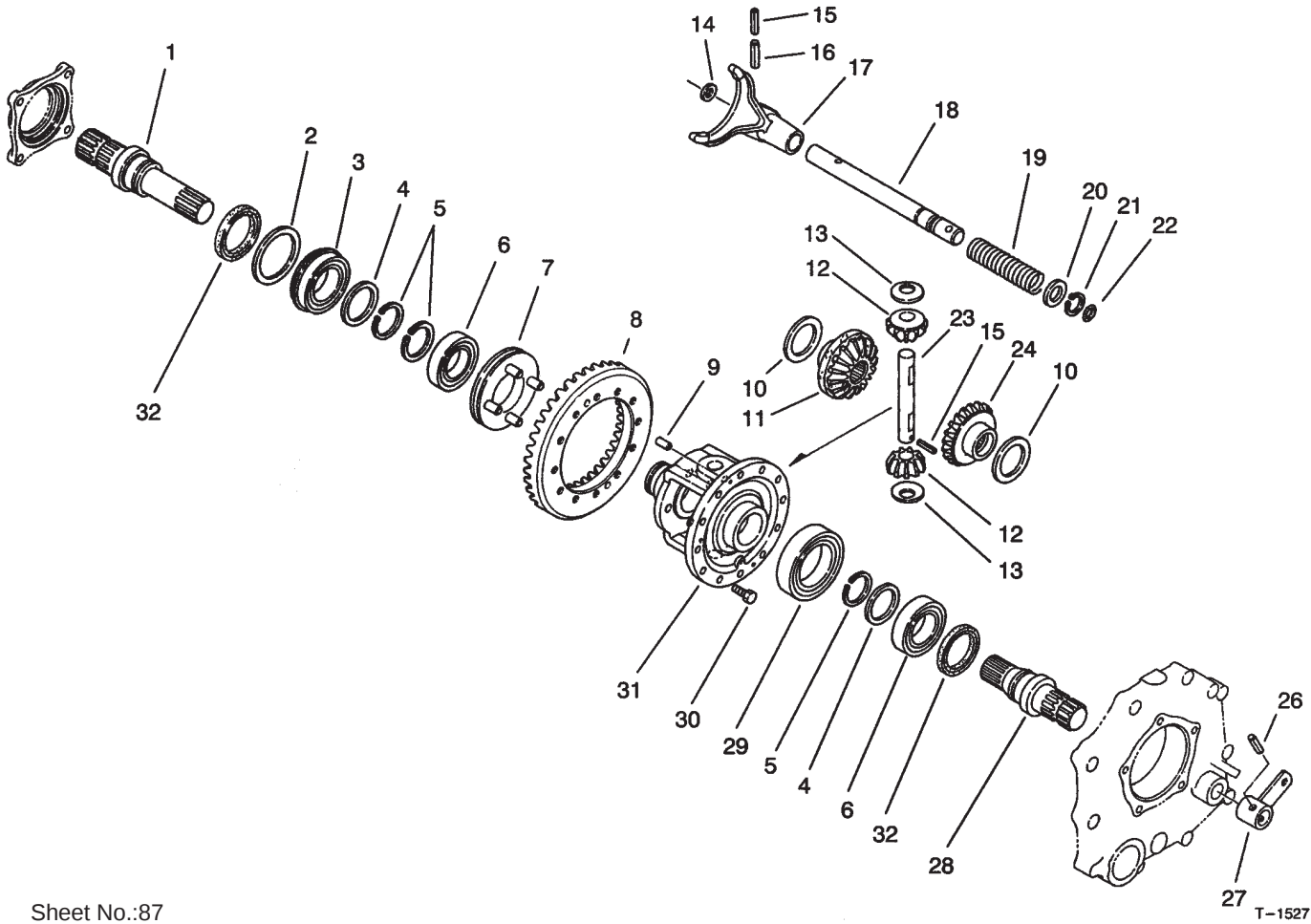
Sheet No.:86

T-1530

Shift Fork Assembly

Ref. No.	Part No.	Qty.	Description
1	92-0785	3	Ball-Steel, 5/16
2	92-0731	3	Spring
3	92-0700	1	Fork-Shift
4	92-0769	2	Spring
5	92-0817	1	Shift Arm (2-3)
6	92-0701	1	Fork-Shift
7	92-0699	1	Shaft-Fork
8	92-0732	3	Plate-Keeper
9	48-7700	3	Screw
10	92-0729	3	Seal-Oil
14	92-0698	1	Shaft-Fork
15	92-0816	1	Shift Arm (R-1)
16	92-0708	1	Shaft-Fork
17	92-0709	1	Fork-Shift
18	92-0761	1	Ring-E
19	92-0818	1	Shift Arm (H-L)
20	92-0705	1	Lock-Spindle
21	42-9850	3	Washer-Lock, Spring

Ref. No.	Part No.	Qty.	Description

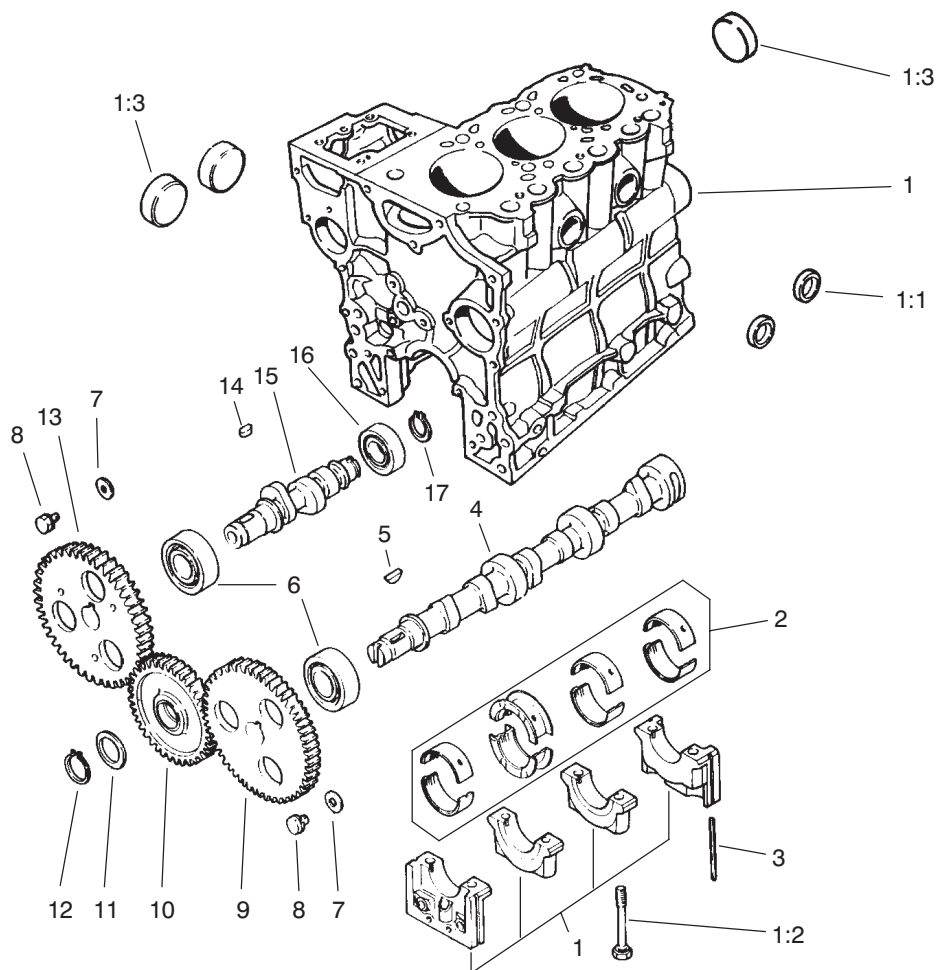


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Differential Gear Assembly

Ref. No.	Part No.	Qty.	Description
1	92-0726	1	Shaft-Axle, Right
2	92-0728	1	Washer
3	92-0780	1	Bearing
4	92-0727	2	Washer
5	92-0756	3	Ring-Snap
6	92-0775	2	Bearing
7	92-0730	1	Slider-Diff. Lock
8	92-0710	1	Gear-Ring
9	92-0765	2	Pin-Parallel
10	92-0747	2	Gear-Side, Left Inner
11	92-0746	1	Gear-Side, R
12	92-0748	2	Pinion-Diff
13	92-0750	2	Washer
14	92-0744	1	Washer
15	92-0768	2	Spring
16	92-0771	1	Spring
17	92-0721	1	Lock-Diff, Fork
18	92-0722	1	Lock-Diff, Fork Shaft
19	92-0723	1	Lock-Diff, Spring
20	92-0733	1	Washer
21	92-0753	1	Ring-Snap
22	92-0787	1	O-Ring
23	92-0749	1	Shaft-Pinion
24	92-0745	1	Gear-Side, L
26	92-0770	1	Spring
27	92-0724	1	Lock-Diff, Arm

Ref. No.	Part No.	Qty.	Description
28	92-0725	1	Shaft-Axle, Left
29	92-0776	1	Bearing
30	92-0803	12	Bolt
31	92-0720	1	Case-Diff.
32	92-0793	2	Oil Seal

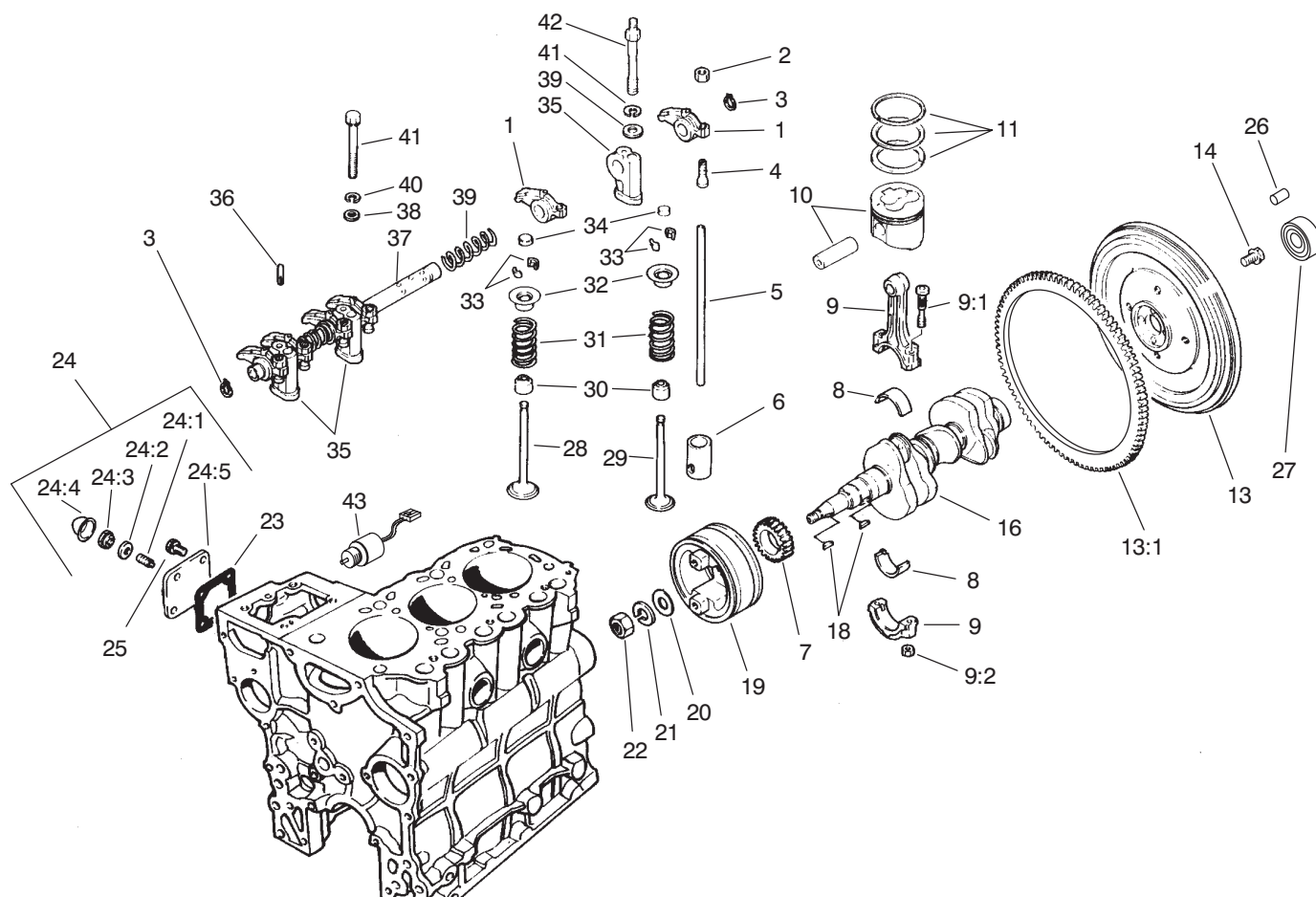


T-3592

Camshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	94-1257	1	Block Sub Assembly
1:1	42-7080	2	Cap
1:2	67-2250	8	Bolt
1:3	56-0020	3	Plug
2	75-4900	1	Bearing Set STD
*	67-2410	1	Bearing Set 0.25
*	67-2420	1	Bearing Set 0.50
3	67-2200	4	Seal
4	67-3010	1	Cam Shaft
5	56-0480	1	Key – Woodruff
6	67-3030	2	Bearing
7	67-3000	2	Washer
8	42-9490	2	Bolt w/Washer
9	92-0827	1	Gear
10	92-0842	1	Gear Assembly
11	92-0839	1	Plate
12	92-0841	1	Ring – Retaining
13	92-0840	1	Gear
14	42-7840	1	Key
15	67-3060	1	Shaft
16	67-3050	1	Bearing
17	67-3080	1	Ring – Retaining

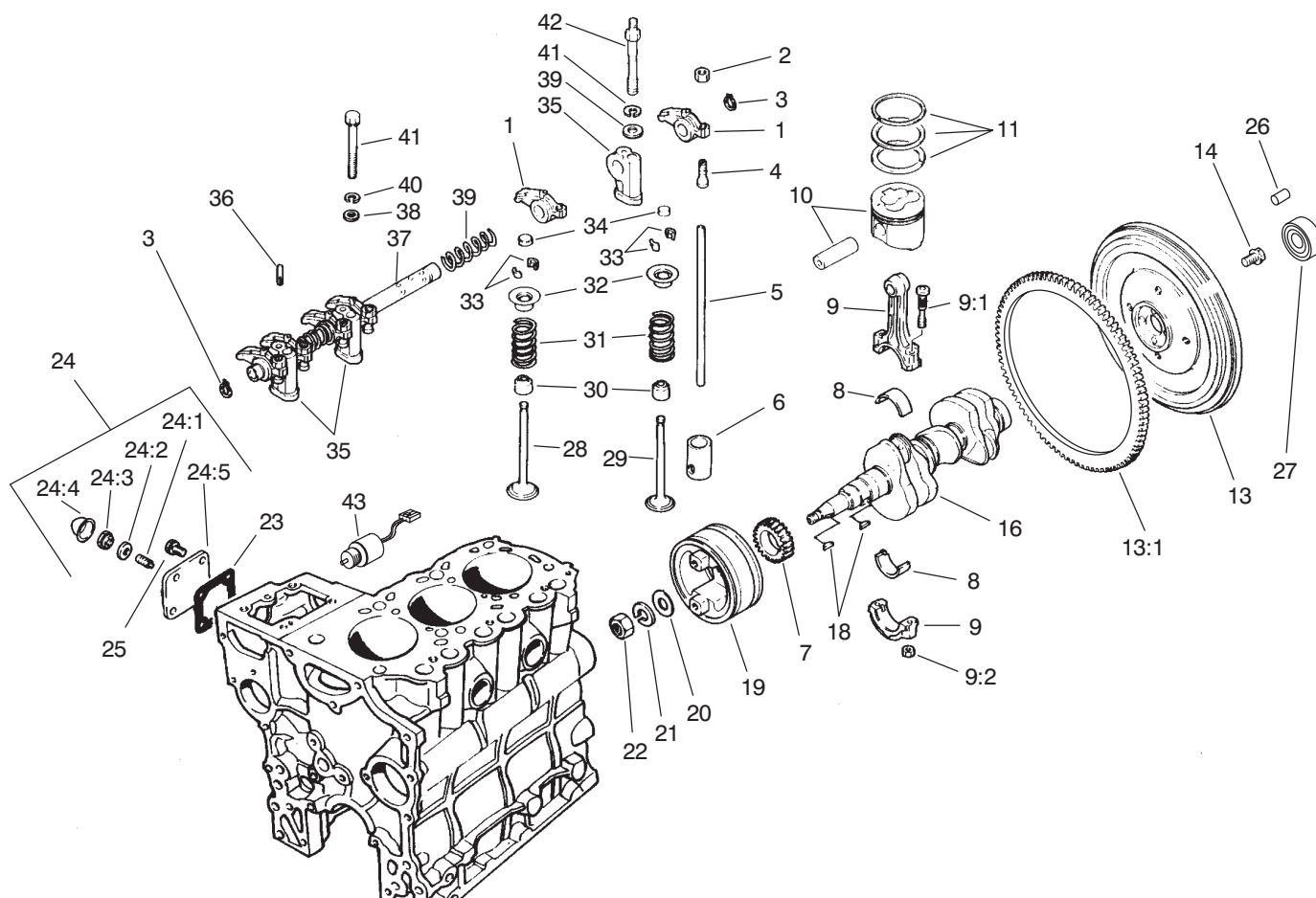
Ref. No.	Part No.	Qty.	Description



T-3593

Valves and Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	67-3160	6	Arm – Rocker	18	56-0480	2	Key – Woodruff
2	67-3230	6	Nut – Jam	19	70-8680	1	Pulley – Crankshaft
3	67-3240	2	Ring – Retaining	20	67-2950	1	Washer
4	67-3210	6	Screw – Adjusting	21	67-2960	1	Washer – Lock
5	67-3150	6	Rod – Push	22	67-2940	1	Nut – Jam
6	67-3120	6	Tappet	23	67-4310	1	Gasket
7	92-0835	1	Gear	24	75-5110	1	Cover Assembly
8	75-5010	3	Bearing Set STD	24:1	43-3160	1	Screw – Adjusting
*	67-2890	3	Bearing Set 0.25 US	24:2	75-5120	1	Gasket
*	67-2900	3	Bearing Set 0.50 US	24:3	43-5960	1	Nut – Special
9	67-2850	3	Connecting Rod Assembly	24:4	43-2820	1	Cap – Sealing
9:1	67-2860	6	Bolt	24:5	67-4250	1	Cover
9:2	42-9590	6	Nut	25	42-9440	4	Bolt W/Washer
10	93-8973	3	Piston & Pin Set STD	26	51-5610	3	Pin – Dowel
*	93-8975	3	Piston & Pin Set 0.25 OS	27	92-1914	1	Bearing – Ball
*	93-8976	3	Piston & Pin Set 0.50 OS	28	67-3130	3	Valve – Intake
11	75-5050	3	Ring Set STD	29	67-3140	3	Valve – Exhaust
*	75-5060	3	Ring Set 0.25 OS	30	42-7870	6	Seal
*	75-5070	3	Ring Set 0.50 OS	31	67-3110	6	Spring
13	92-0836	1	Flywheel Assembly	32	67-3100	6	Retainer
13:1	67-2980	1	Gear – Ring	33	42-7860	12	Lock
14	67-2990	4	Bolt	34	67-3180	6	Cap
16	92-0845	1	Crankshaft	35	67-3200	3	Stay – Rocker
				36	67-3220	1	Pin
				37	67-3190	1	Rocker Shaft Assembly
				38	42-9660	4	Washer

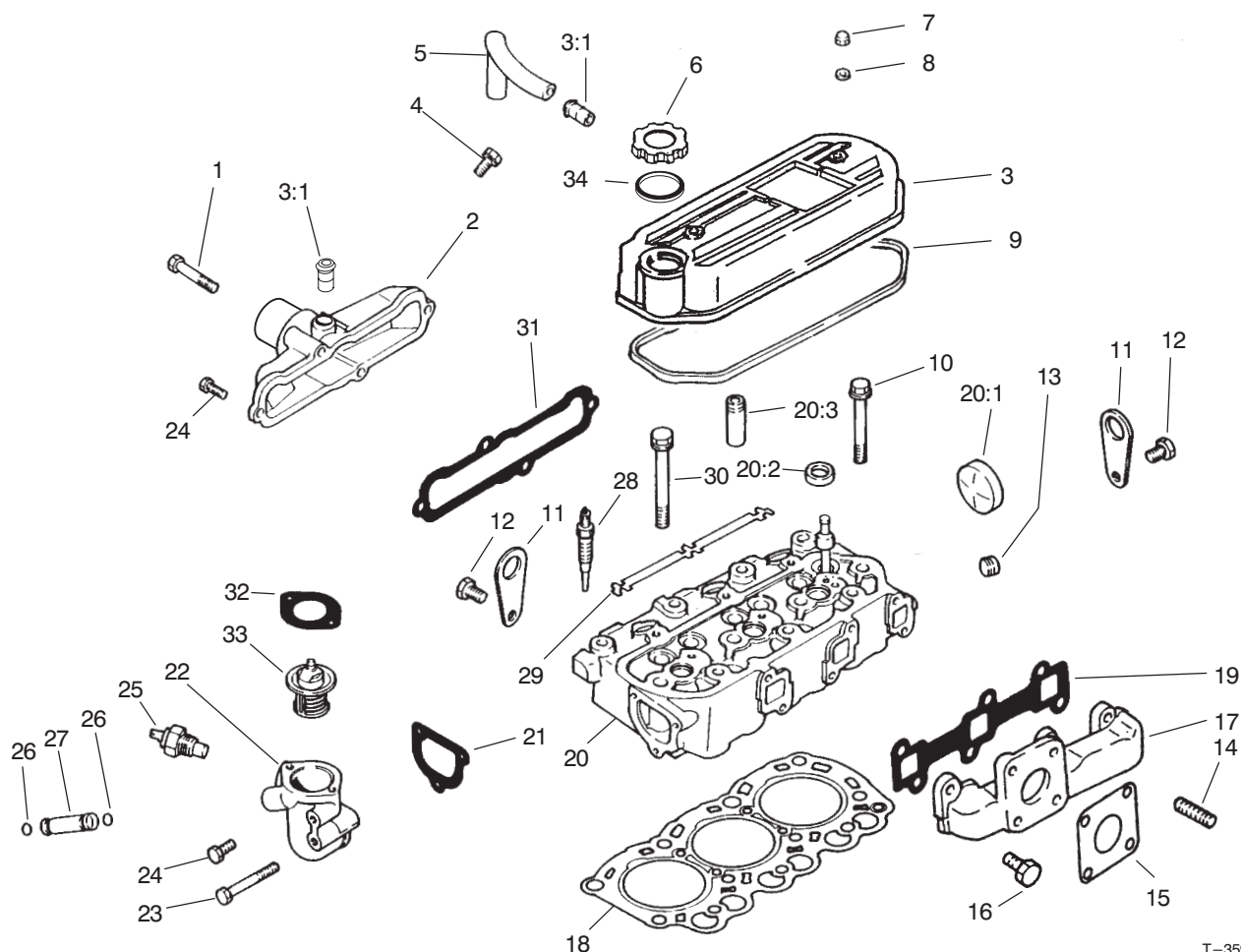


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Valves and Crankshaft Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
39	67-3170	2	Spring
40	67-3260	6	Washer
41	42-9510	1	Bolt
42	67-3250	2	Bolt – Rockers Stay
43	63-7440	1	Solenoid – Shutoff

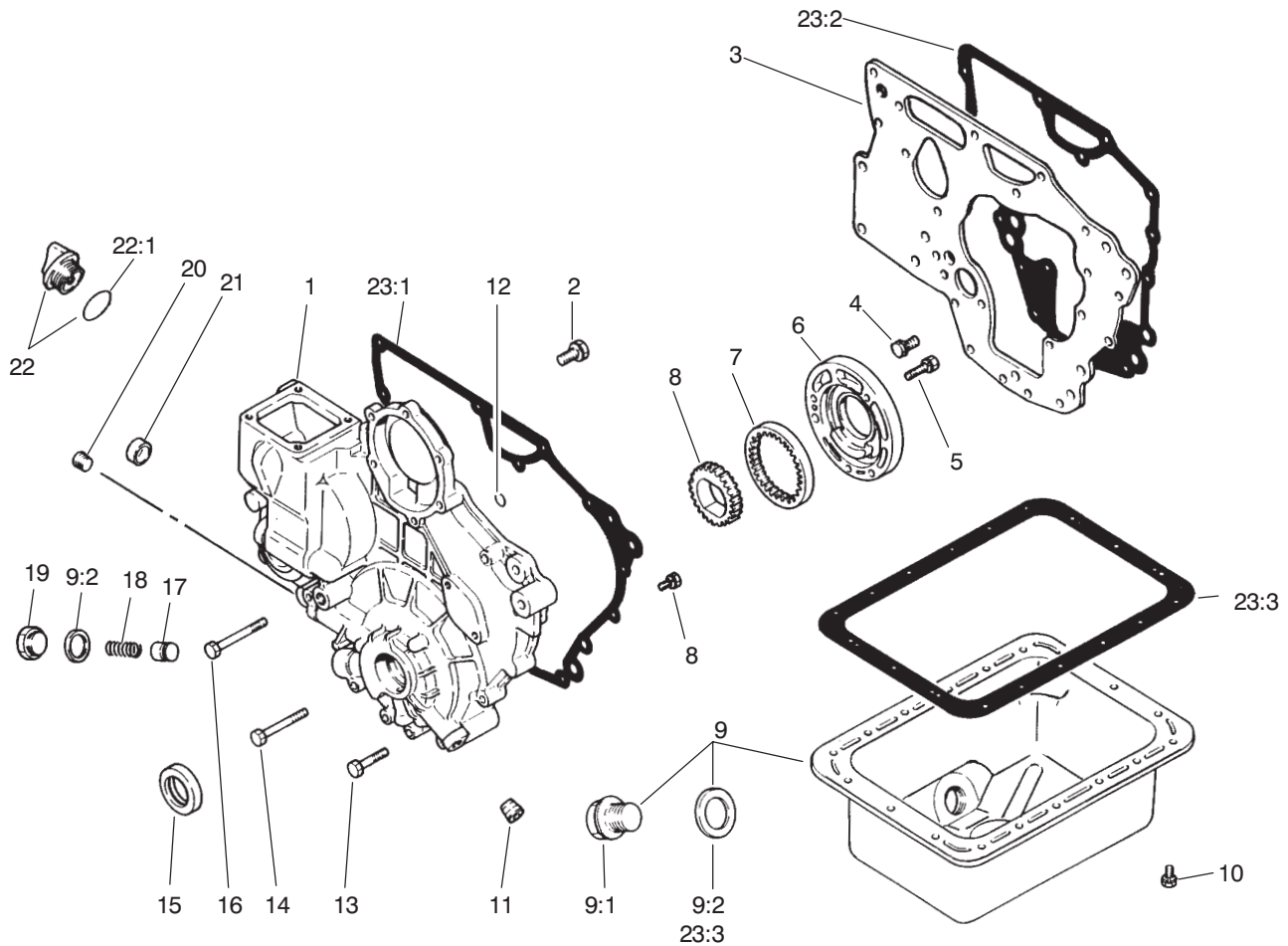
Ref. No.	Part No.	Qty.	Description



T-3594

Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	67-4400	2	Bolt	20:3	67-2700	6	Guide – Valve
2	94-3533	1	Cover (Intake)	21	67-4460	1	Gasket (Thermostat Fitting)
3	67-2750	1	Cover Assembly	22	92-0837	1	Fitting – Thermostat
3:1	42-7510	2	Pipe	23	67-4470	1	Bolt
4	42-9430	1	Bolt w/Washer	24	67-2330	4	Bolt
5	67-2670	1	Hose – Breather	25	67-4510	1	Gauge Nut – Water Temp.
6	67-2650	1	Cap – Oil Filler	26	43-2710	2	O-Ring
7	67-2770	2	Nut – Cap	27	67-4480	1	Pipe – By-Pass
8	67-2780	2	Washer	28	92-0844	3	Plug – Glow
9	67-2760	1	Gasket	29	67-4690	1	Plate – Glow Plug
10	67-2740	3	Bolt – Flange	30	67-2730	8	Bolt
11	67-2680	2	Hanger – Engine	31	67-4550	1	Gasket – Intake Manifold
12	67-2340	2	Bolt w/Washer	32	93-8974	1	Thermostat
13	67-2570	1	Plug – Taper	33	67-4430	1	Gasket – Thermostat
14	42-9570	4	Stud	34	67-2660	1	Seal – O-Ring
15	42-9110	1	Gasket				
16	67-4590	6	Bolt				
17	70-8750	1	Manifold – Exhaust				
18	67-2720	1	Gasket – Cylinder Head				
19	67-4570	1	Gasket – Exhaust Manifold				
20	93-8970	1	Cylinder Head Assembly				
20:1	56-0020	1	Plug – Expansion				
20:2	67-2710	3	Cap – Sealing				

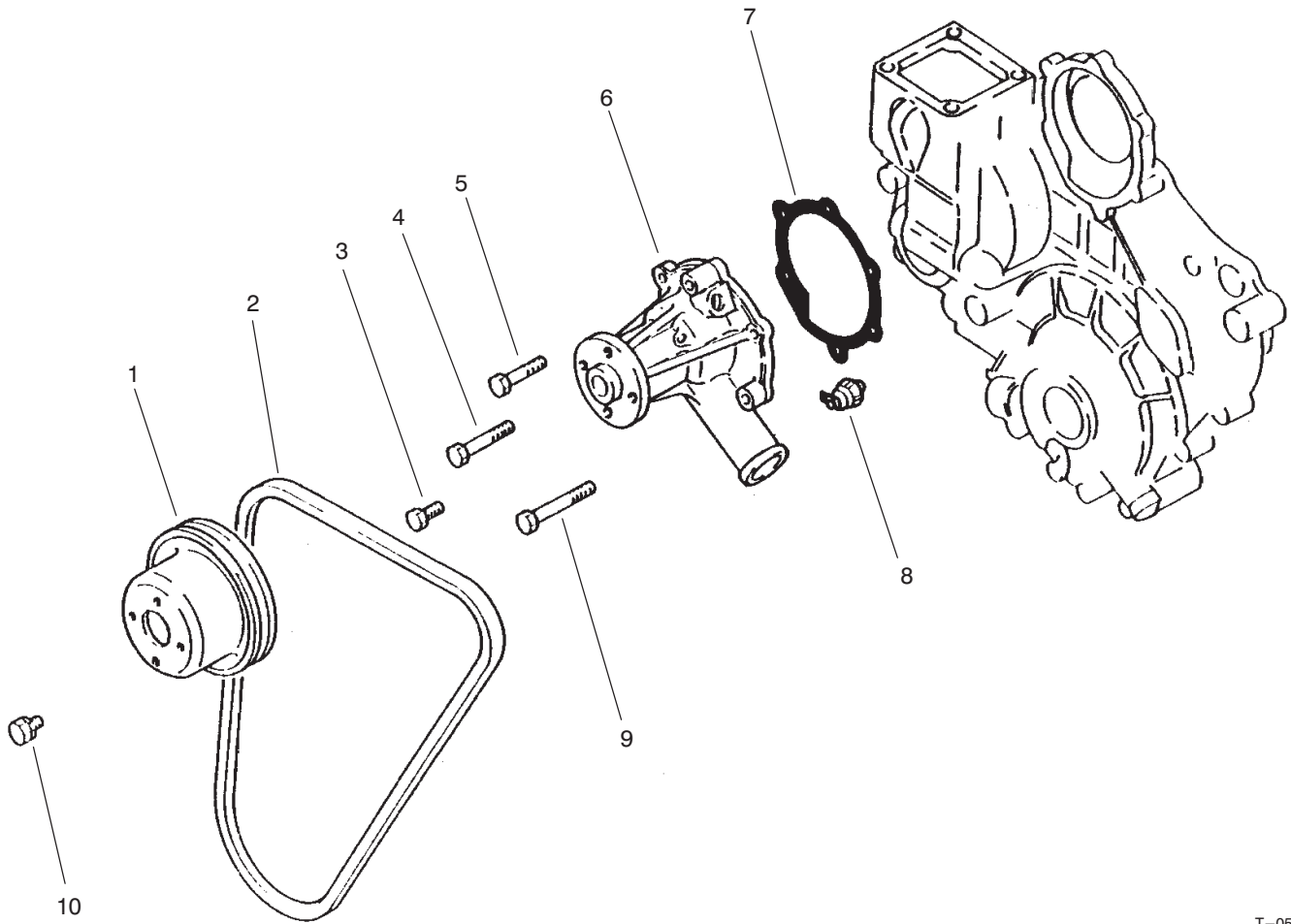


T-3595

Crankcase Assembly

Ref. No.	Part No.	Qty.	Description
1	94-1259	1	Case Sub-Assembly
2	67-2340	3	Bolt w/Washer
3	67-2310	1	Plate
4	42-9440	11	Bolt w/Washer
5	67-2560	3	Bolt w/Washer
6	67-2550	1	Housing - Oil Pump
7	67-2540	1	Gear - Outer
8	67-2530	1	Gear - Inner
9	75-4910	1	Oil Pan Assembly
9:1	42-9260	1	Plug
9:2	42-7290	2	Gasket - Oil Drain
10	42-9490	18	Bolt w/Washer
11	42-7210	1	Plug
12	67-2630	2	O-Ring
13	67-2600	3	Bolt
14	67-2610	4	Bolt
15	67-2590	1	Oil Seal
16	67-2620	1	Bolt
17	67-2500	1	Plunger
18	67-2510	1	Spring
19	67-2520	1	Plug
20	67-2570	1	Plug
21	67-2640	1	Cap
22	67-2650	1	Oil Fill Cap Assembly
22:1	67-2660	1	O-Ring
23	75-5040	1	Gasket Kit

Ref. No.	Part No.	Qty.	Description
23:1	67-2580	1	Gasket - Case
23:2	67-2320	1	Gasket - Plate
23:3	67-2480	1	Gasket - Oil Pan
23:3	42-7290	2	Gasket - Oil Drain

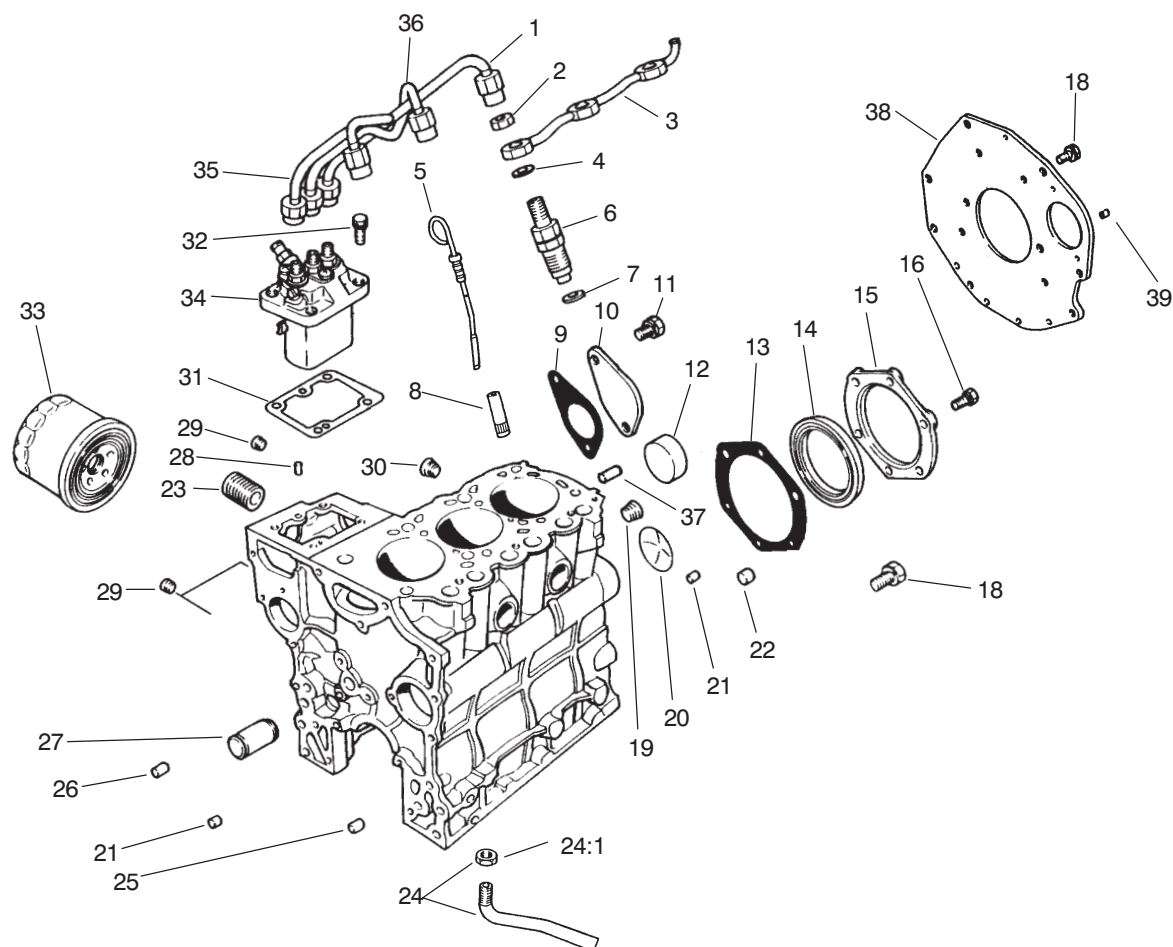


T-0568

Water Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	67-4360	1	Pulley
2	98-2947	1	V-Belt
3	67-2330	2	Bolt
4	67-4400	1	Bolt
5	67-2600	1	Bolt
6	67-4380	1	Pump Assembly
7	67-4390	1	Gasket
8	67-4350	1	Oil Pressure Switch
9	67-2610	2	Bolt
10	42-9490	4	Bolt w/Washer

Ref. No.	Part No.	Qty.	Description



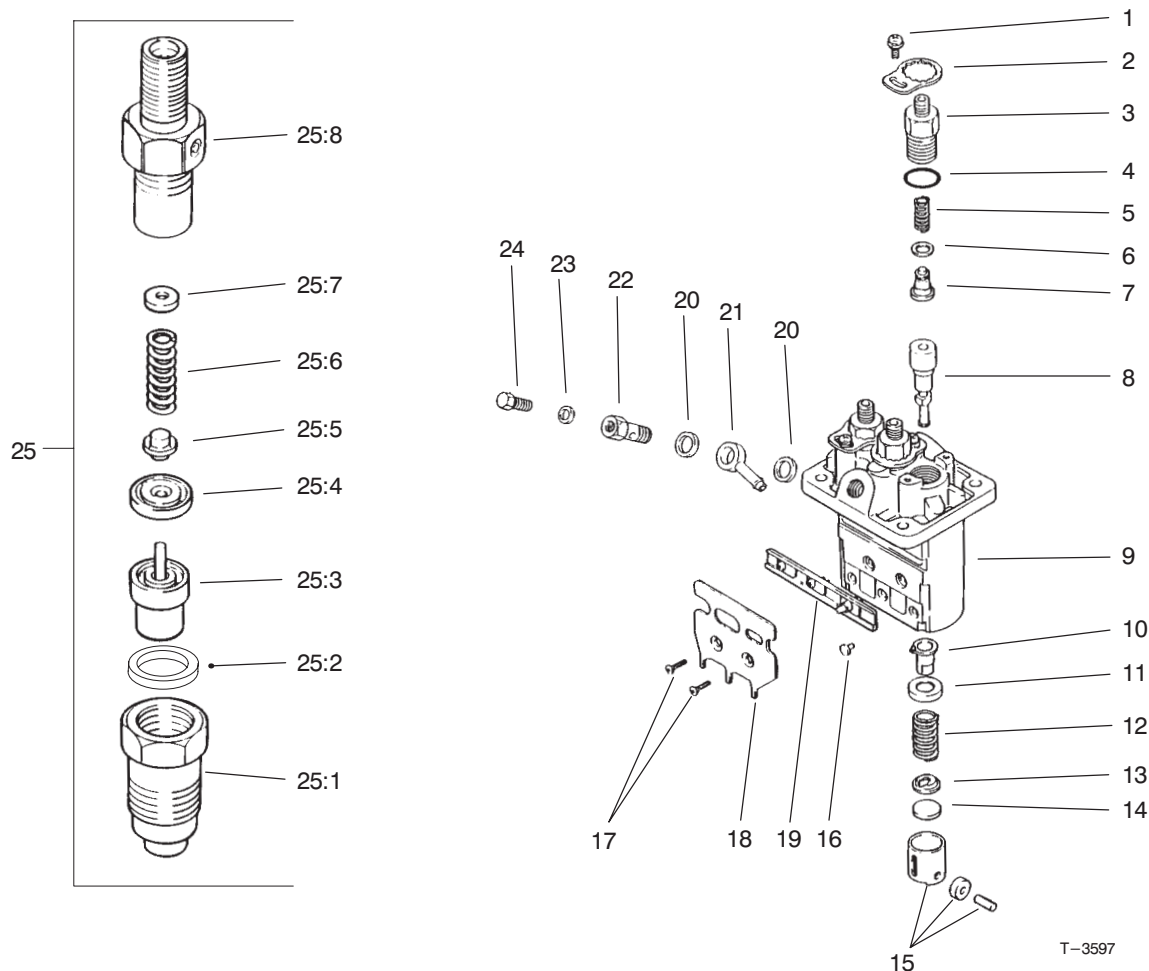
T-3596

Fuel Supply and Engine Block Assembly

Ref. No.	Part No.	Qty.	Description
1	67-3420	1	Pipe Assembly No. 3
2	67-3430	3	Nut
3	70-8700	1	Pipe – Fuel Return
4	67-3440	3	Gasket
5	67-2450	1	Dipstick
6	67-3380	1	Nozzle & Holder Assembly
7	67-3390	3	Gasket
8	67-2220	1	Guide
9	67-2300	1	Gasket
10	67-2290	1	Cover
11	67-2340	2	Bolt w/Washer
12	56-0020	3	Plug
13	67-2280	1	Gasket
14	67-2230	1	Oil Seal
15	67-2270	1	Case
16	67-2330	6	Bolt
18	67-2440	6	Bolt w/Washer
19	67-2390	1	Plug
20	67-2350	1	Plug
21	67-2360	2	Bushing
22	67-2380	3	Bushing
23	56-1230	1	Shaft – Oil Filter
24	67-4340	1	Screen Assembly
24:1	42-9650	1	Nut – Jam
25	67-2370	1	Bushing

Ref. No.	Part No.	Qty.	Description
26	42-7190	2	Bushing
27	93-8972	1	Shaft – Idler
28	56-0220	2	Pin
29	67-2210	3	Plug
30	56-0100	1	Plug
31	67-3280	1	Shim 0.2
*	67-3290	1	Shim 0.3
*	67-3300	1	Shim 0.5
*	67-3310	1	Shim 0.4
*	67-3320	1	Shim 0.6
*	67-3330	1	Shim 0.7
*	67-3340	1	Shim 0.8
*	67-3350	1	Shim 0.9
*	67-3360	1	Shim 1.0
32	67-3370	4	Bolt w/Washer
33	67-4330	1	Oil Filter Assembly
34	75-5020	1	Pump Assembly
35	67-3400	1	Pipe No. 1 Assembly
36	67-3410	1	Pipe No. 2 Assembly
37	42-7160	1	Pin – Dowel
38	92-0830	1	Plate – Rear
39	92-0831	1	Pin – Knock

* Not illustrated

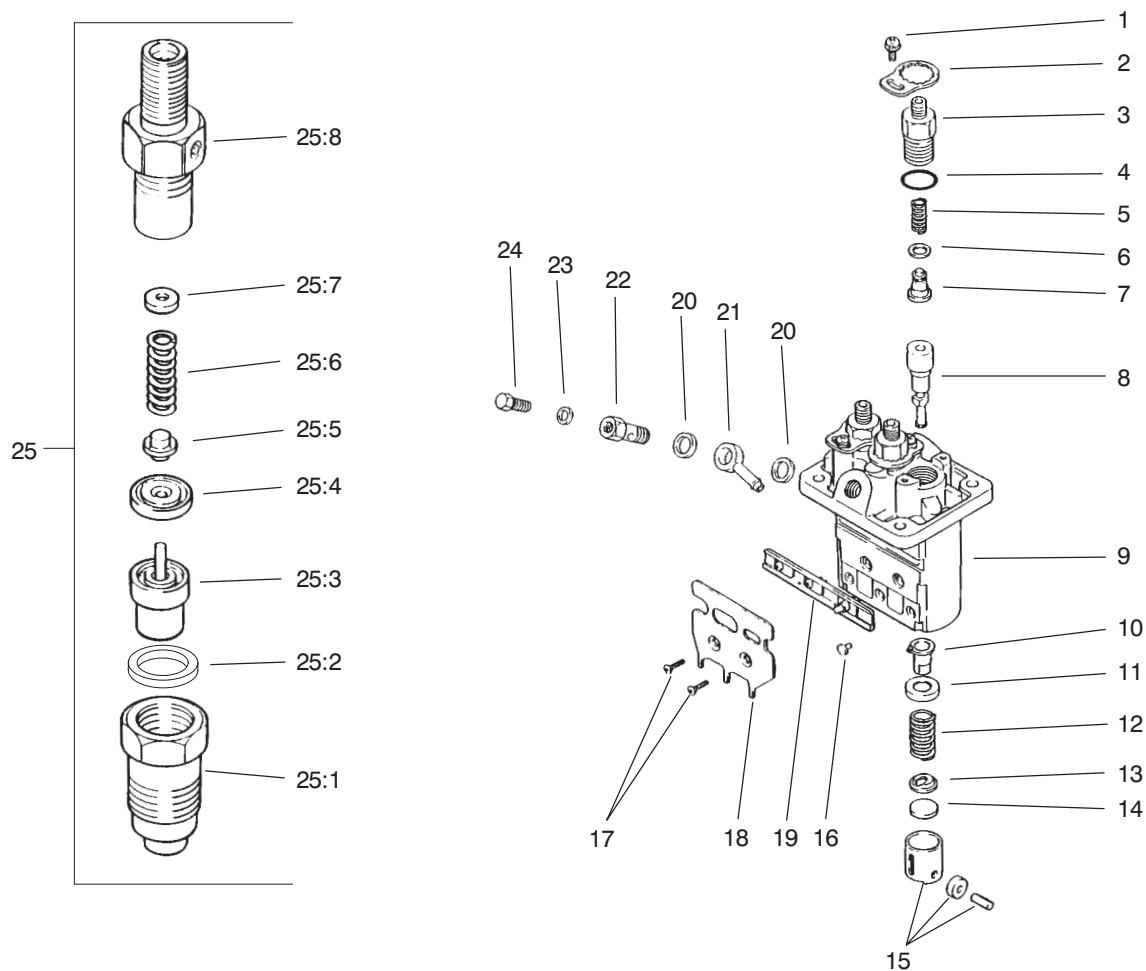


Fuel Injection Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	67-3770	3	Screw w/Washer
2	67-3760	3	Plate – Lock
3	67-3470	3	Holder – Delivery Valve
4	67-3480	3	O-Ring
5	67-3490	3	Spring
6	42-8240	3	Gasket
7	67-3500	3	Sub-Asm. – Valve
8	75-4970	3	Sub-Asm. – Element
9	67-3460	1	Sub-Asm. – Housing
10	67-3520	3	Sub-Asm. – Sleeve
11	67-3530	3	Seat
12	67-3540	3	Spring
13	67-3550	3	Seat
14	67-3560	1	Plate – Shim 1.85
*	67-3570	1	Plate – Shim 1.9
*	67-3580	1	Plate – Shim 1.95
*	67-3590	1	Plate – Shim 2.0
*	67-3600	1	Plate – Shim 2.05
*	67-3610	1	Plate – Shim 2.1
*	67-3620	1	Plate – Shim 2.15
*	67-3630	1	Plate – Shim 2.2
*14	67-3640	1	Plate – Shim 2.25
*	67-3650	1	Plate – Shim 2.3
*	67-3660	1	Plate – Shim 2.35
*	67-3670	1	Plate – Shim 2.4
*	67-3680	1	Plate – Shim 2.45

Ref. No.	Part No.	Qty.	Description
*	67-3690	1	Plate – Shim 2.5
15	67-3700	3	Tappet Assembly
16	67-3810	3	Pin
17	67-3790	2	Screw
18	67-3800	1	Bracket
19	67-3780	1	Rack Assembly
20	67-3750	2	Washer
21	67-3740	1	Nipple
22	67-3730	1	Screw
23	67-3720	1	Washer
24	67-3710	1	Screw – Air Bleed
25	67-3380	3	Nozzle & Holder Assembly
25:1	67-3970	3	Nut
25:2	67-3980	3	Gasket
25:3	67-3960	3	Nozzle Assembly
25:4	67-3950	3	Piece
25:5	67-3940	3	Pin
25:6	67-3930	3	Spring

* Not illustrated



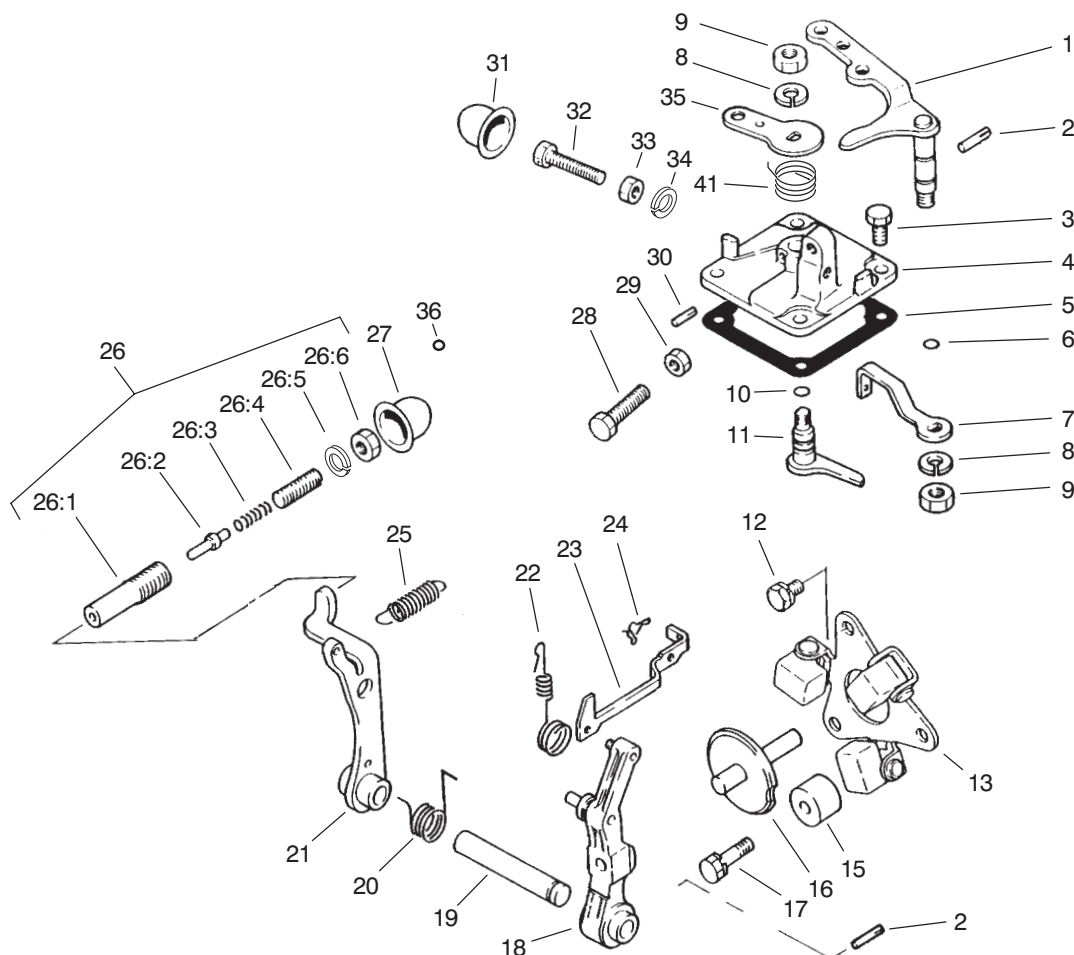
T-3597

Fuel Injection Pump Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
25:7	67-3830	1	Washer 1.25
*	67-3840	1	Washer 1.3
*	67-3850	1	Washer 1.35
*	67-3860	1	Washer 1.4
*	67-3870	1	Washer 1.45
*	67-3880	1	Washer 1.5
*	67-3890	1	Washer 1.55
*	67-3900	1	Washer 1.6
*	67-3910	1	Washer 1.65
*	67-3920	1	Washer 1.7
25:8	75-5000	1	Body Sub Assembly.

Ref. No.	Part No.	Qty.	Description

* Not illustrated

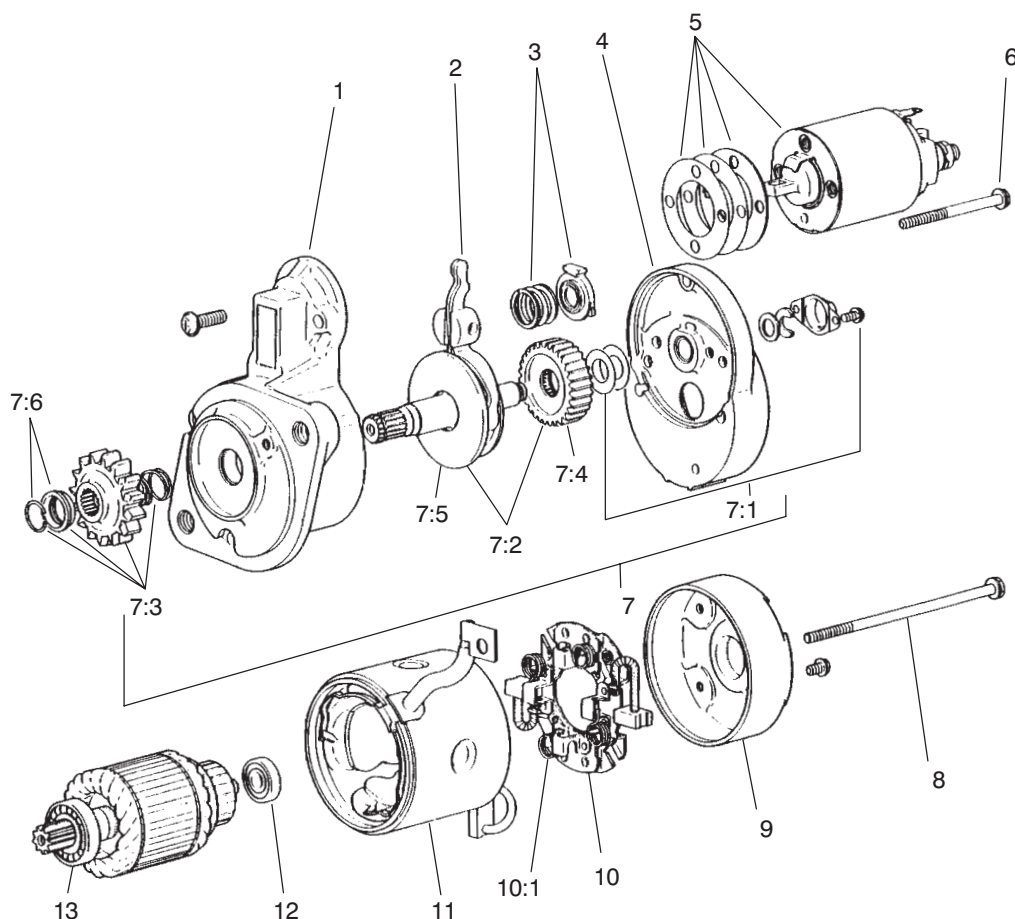


T-3598

Governor Assembly

Ref. No.	Part No.	Qty.	Description
1	67-3990	1	Lever – Speed Control
2	67-4000	2	Pin
3	67-4270	4	Bolt
4	95-9600	1	Cover – Governor
5	67-4160	1	Gasket
6	42-8830	1	Seal – O-Ring
7	75-4980	1	Lever – Governor
			Spring
8	67-3260	2	Washer
9	42-9640	2	Nut – Jam
10	42-8830	1	Seal – O-Ring
11	67-4140	1	Lever – Stop
12	42-9430	2	Bolt W/Washer
13	67-4040	1	Weight Assembly
15	67-4010	1	Stopper
16	67-4070	1	Shaft – Sliding
17	67-4280	1	Bolt W/Washer
18	67-4060	1	Lever – Governor
19	67-4050	1	Shaft – Governor
20	67-5040	1	Spring
21	67-4090	1	Lever – Tension
22	70-8720	1	Spring – Tie Rod
23	67-4030	1	Rod – Tie
24	67-4080	1	Clip
25	75-4990	1	Spring – Governor
26	94-5271	1	Torque Spring Set

Ref. No.	Part No.	Qty.	Description
26:1	67-4210	1	Case – Torque Set
26:2	67-4230	1	Stopper – Torque Set
26:3	67-4190	1	Spring – Torque Set
26:4	67-4220	1	Screw – Adjusting
26:5	95-9602	1	C-Ring – Torque Set
26:6	67-4180	1	Nut – Torque Set
27	95-9603	1	Cover – Torque Set
28	42-9420	1	Bolt – Speed Set
29	67-4290	1	Nut
30	67-4120	1	Pin – Grooved
31	95-9604	1	Cover – High Speed Set
32	42-9420	1	Bolt – High Speed Set
33	95-9606	1	Nut – High Speed Set
34	95-9607	1	C-Ring – High Speed Set
35	67-4150	1	Lever – Stop
36	94-3827	1	Spring – Return

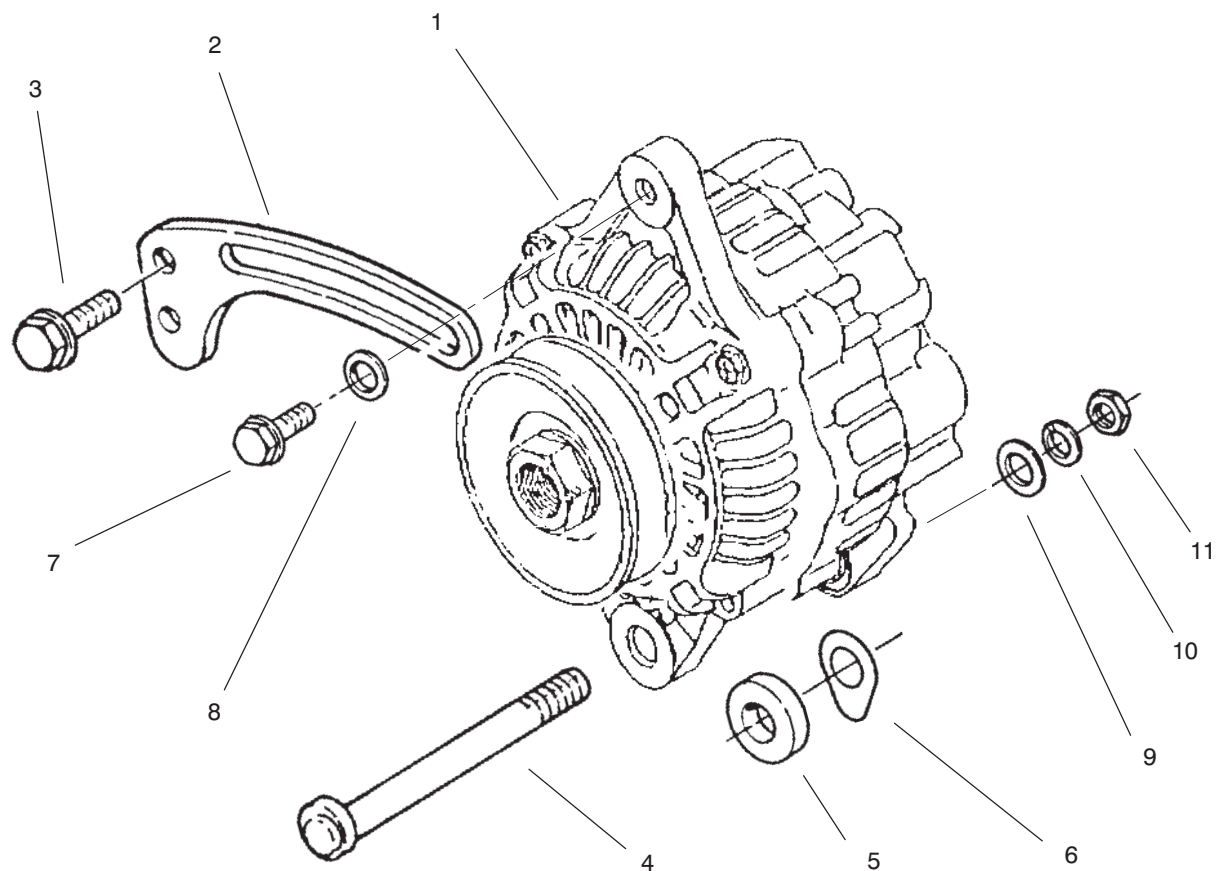


T-3599

Starter Assembly No. 70-8760

Ref. No.	Part No.	Qty.	Description
1	70-8770	1	Front Bracket Assembly
2	67-4720	1	Lever Assembly
3	67-4730	1	Spring Set
4	70-8780	1	Center Bracket Assembly
5	56-1560	1	Switch Assembly
6	56-1570	1	Bolt Set
7	67-4760	1	Shaft Assembly
7:1	56-1680	1	Cover Set
7:2	67-4780	1	Gear Set
7:3	67-4770	1	Pinion Set
7:4	56-1670	1	Gear
7:5	67-4790	1	Shaft Assembly
7:6	56-1640	1	Stopper Set
8	56-1610	1	Bolt
9	56-1720	1	Assy. - Bracket (Rear)
10	93-3573	1	Brush Holder Assembly (Incl. Ref. #19)
10:1	56-1710	4	Spring - Brush
11	67-4800	1	Yoke Assembly
12	56-1600	1	Bearing - Rear
13	56-1590	1	Bearing - Front

Ref. No.	Part No.	Qty.	Description

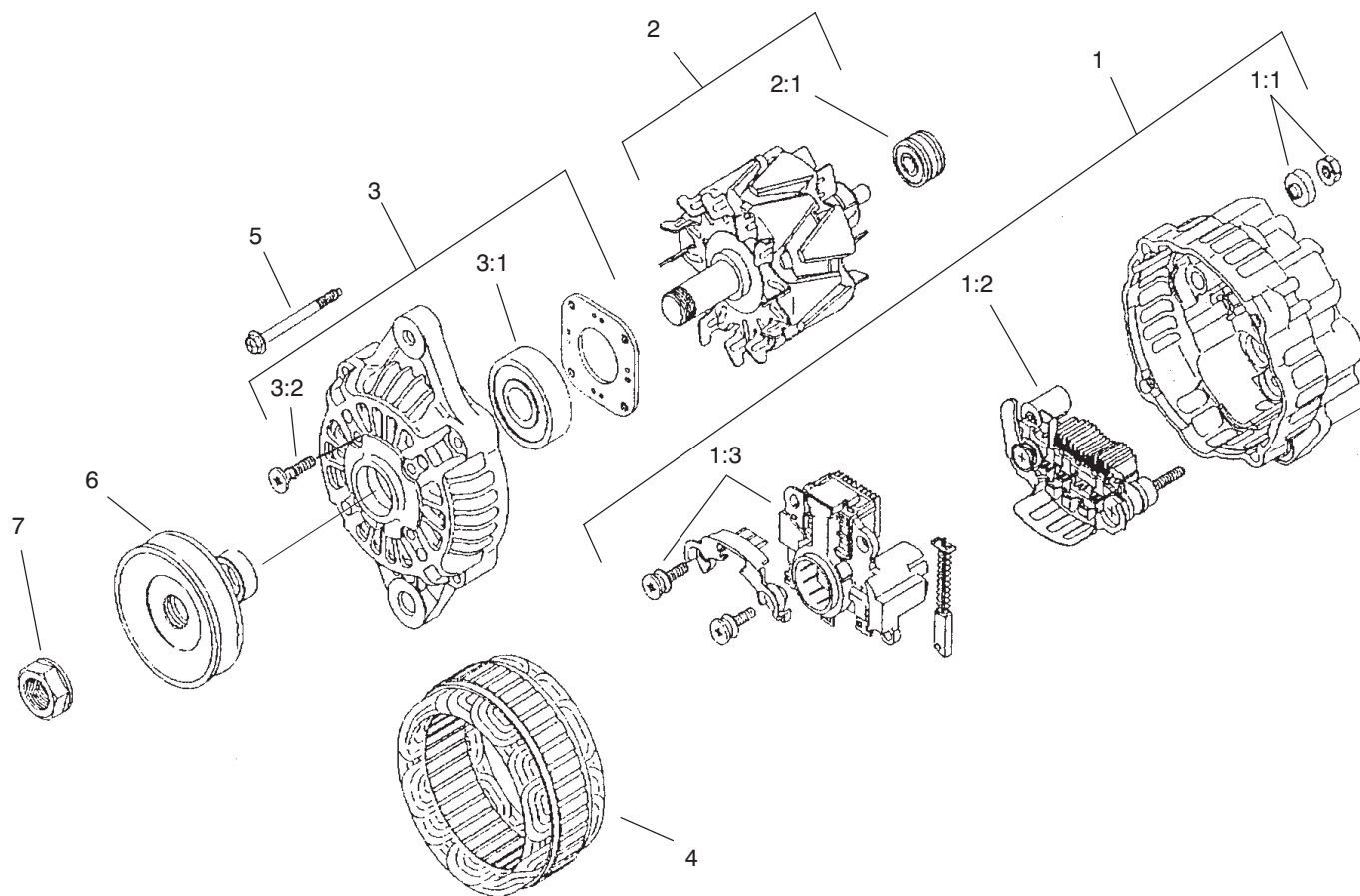


T-3600

Alternator Assembly

Ref. No.	Part No.	Qty.	Description
1	100-9394	1	Alternator Assembly
2	98-2948	1	Brace-Alternator
3	42-9440	1	Bolt/Washer
4	67-4640	1	Bolt
5	67-4620	1	Spacer
6	43-0370	1	Shim
7	67-4660	1	Flange Bolt
8	54-8660	1	Washer
9	42-9660	1	Washer
10	67-3260	1	Washer
11	67-4670	1	Nut

Ref. No.	Part No.	Qty.	Description



T-3601

Alternator Assembly No. 100-9394

Ref. No.	Part No.	Qty.	Description
1	98-2934	1	Rear Housing Asm
1:1	99-2275	1	Nut Set
1:2	98-2937	1	Rectifier Asm
1:3	100-9395	1	Regulator Set
2	100-9396	1	Rotor Asm
2:1	98-2932		Bearing-Rear
3	100-9398	1	Front Bracket Asm
3:1	100-9397	1	Bearing-Front
3:2	98-2926	1	Screw Set
4	98-2933	1	Stator Asm
5	98-2931	1	Bolt
6	98-2930	1	Pulley Asm
7	98-2929	1	Nut

Ref. No.	Part No.	Qty.	Description

