Form No. 3324–742

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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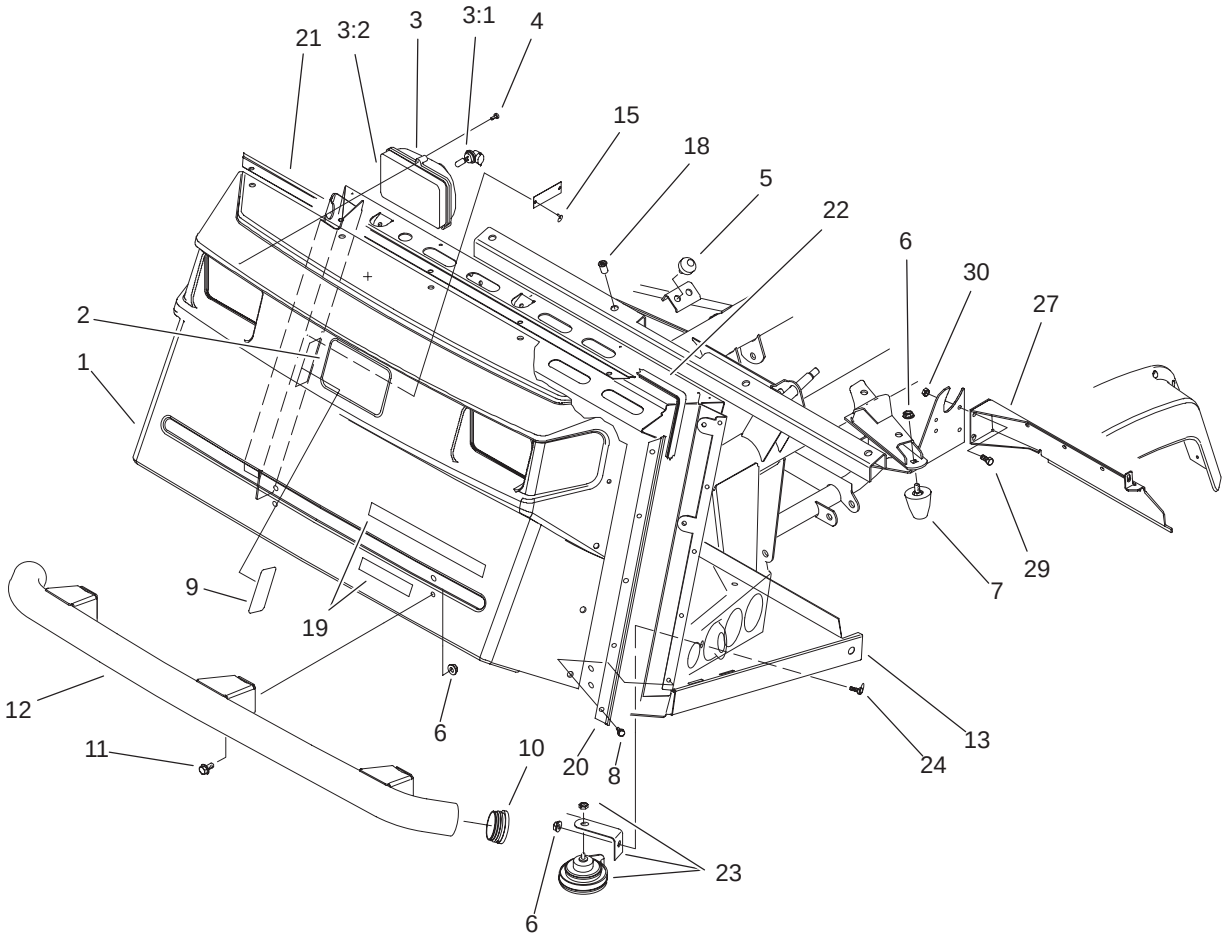
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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



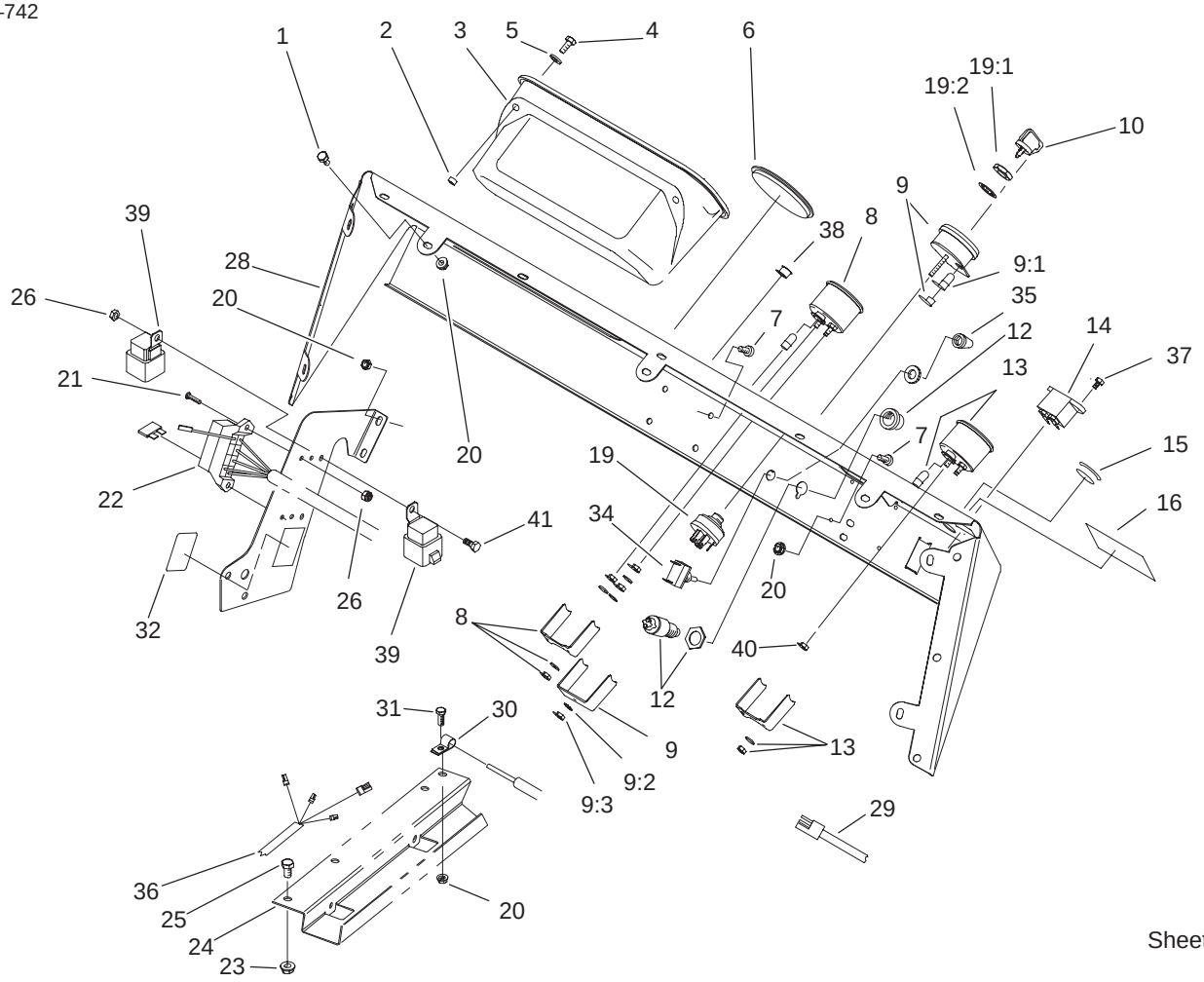
Sheet No.:2

Hood and Bumper Assembly

Ref. No.	Part No.	Qty.	Description
1	98–2979	1	Front Hood–Yellow
2	62–5550	1	Decal
3	87–2120	2	Headlight
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

Ref. No.	Part No.	Qty.	Description
*28	94–3839–03	1	Bracket–Mudflap, RH
29	321–4	4	Screw–HH
30	32128–33	4	Nut–HF

* Not illustrated



Sheet No.:3

T–3346

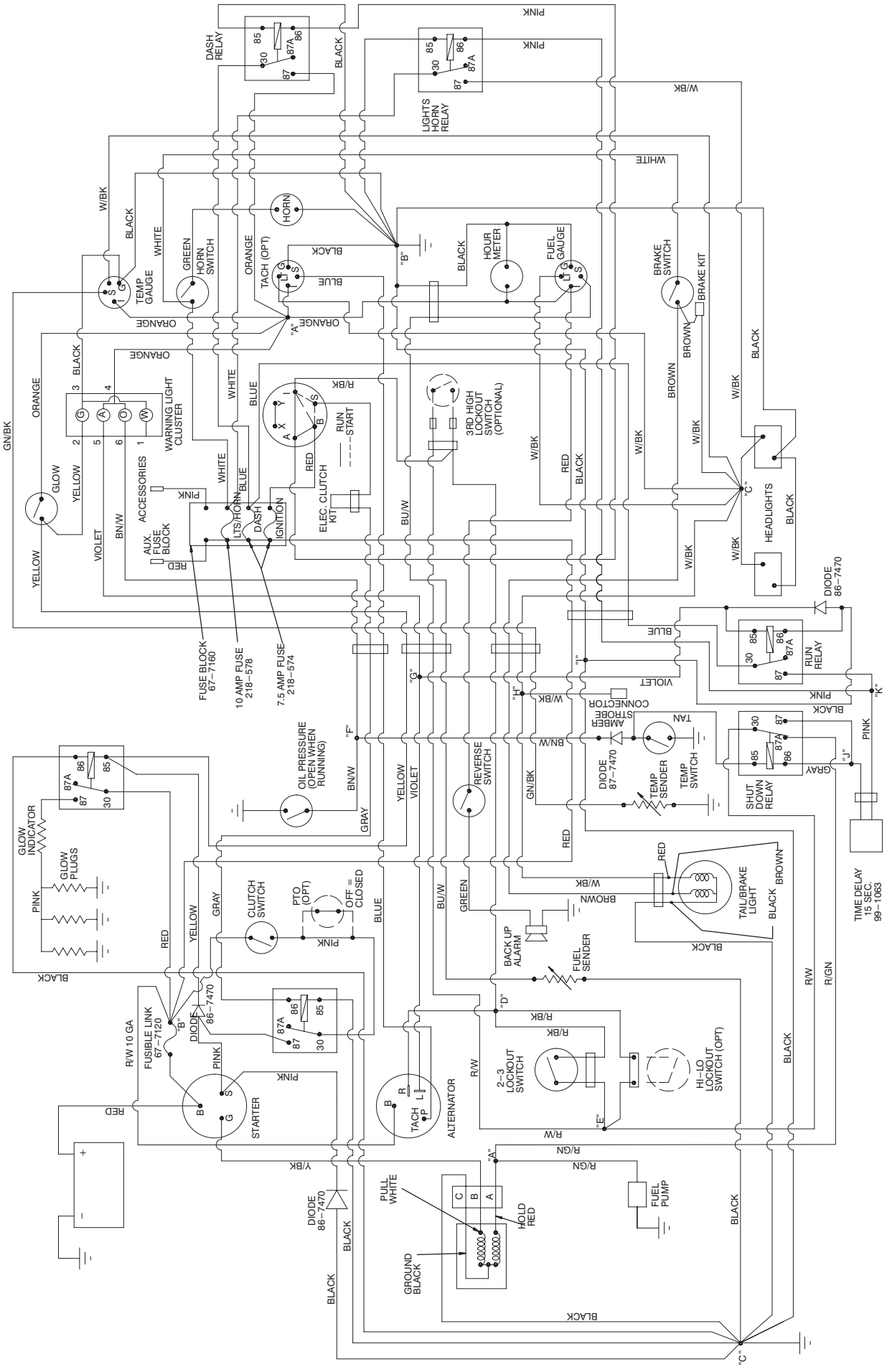
Control Panel Assembly

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

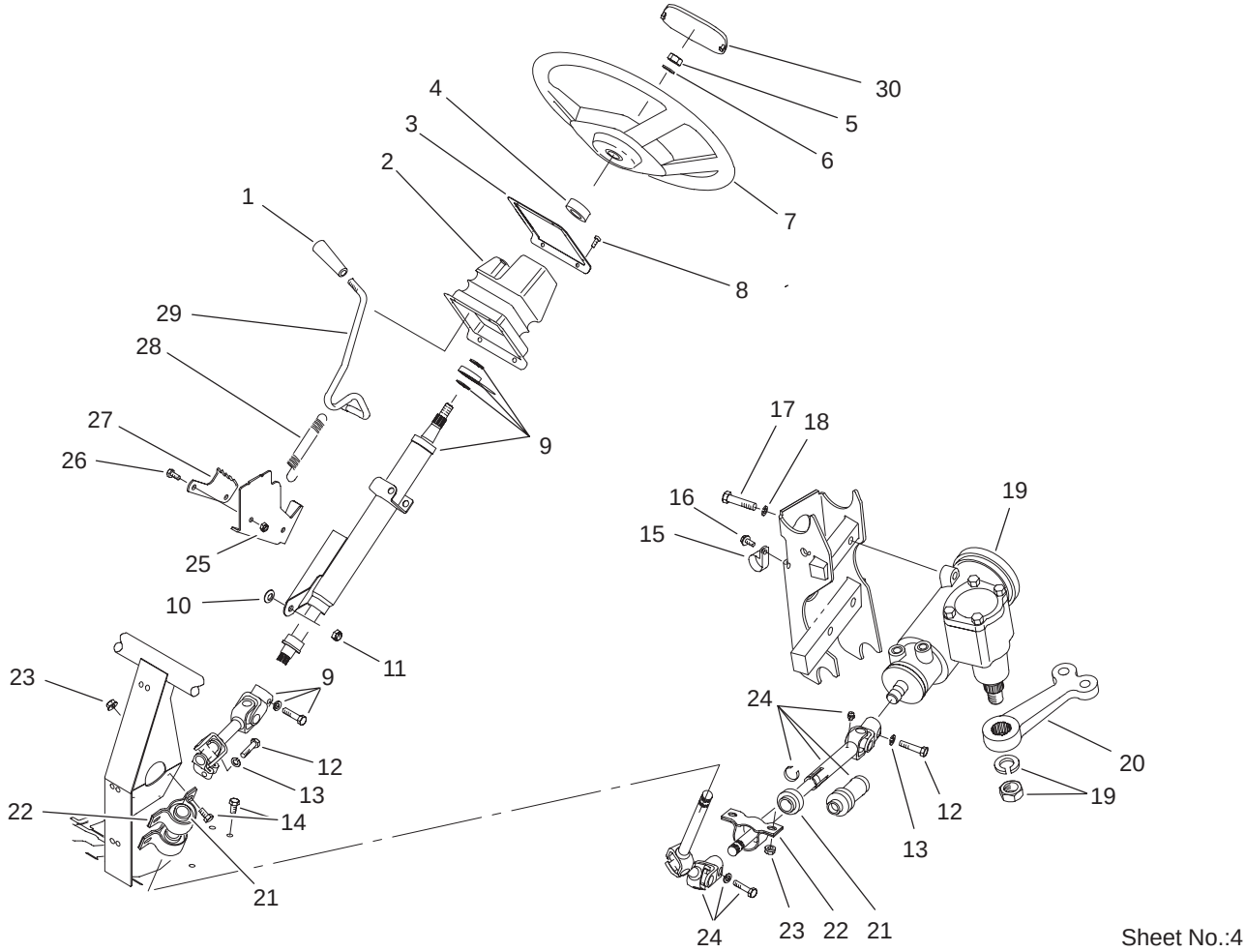
Ref. No.	Part No.	Qty.	Description
22	99–1084	1	Wire Harness–Front, RH
23	32128–20	3	Nut–HF
24	93–7094–03	1	Cover–Harness, Wire
25	322–2	3	Screw–HH
26	3296–2	3	Nut–Lock
28	87–8490–03	1	Panel–Dash
29	99–1083	1	Wire Harness–Front, LH
30	2412–89	1	Clamp–R
31	321–4	1	Screw–HH
32	87–6670	1	Decal–Block, Fuse
*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



T–3015–2

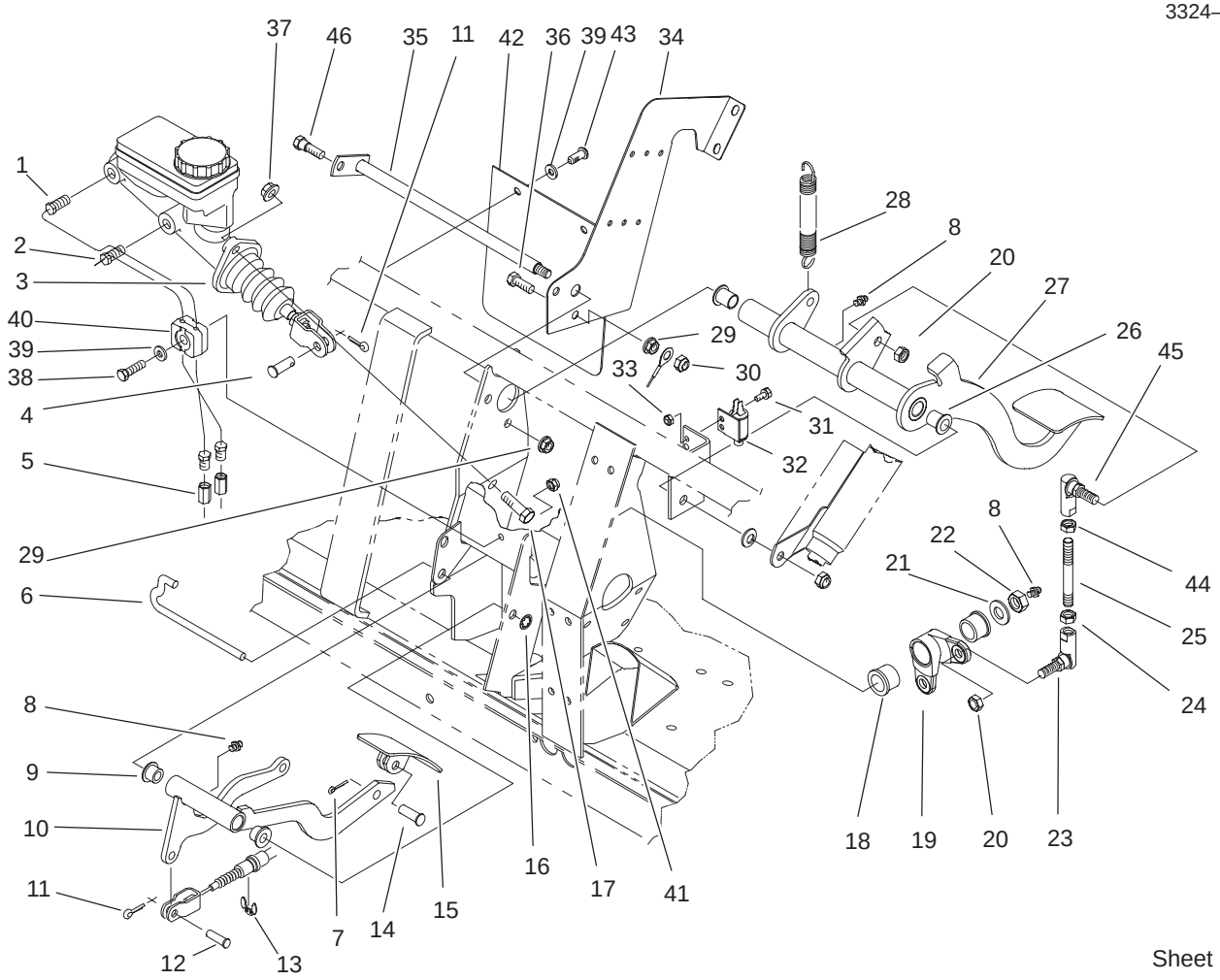


Sheet No.:4

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

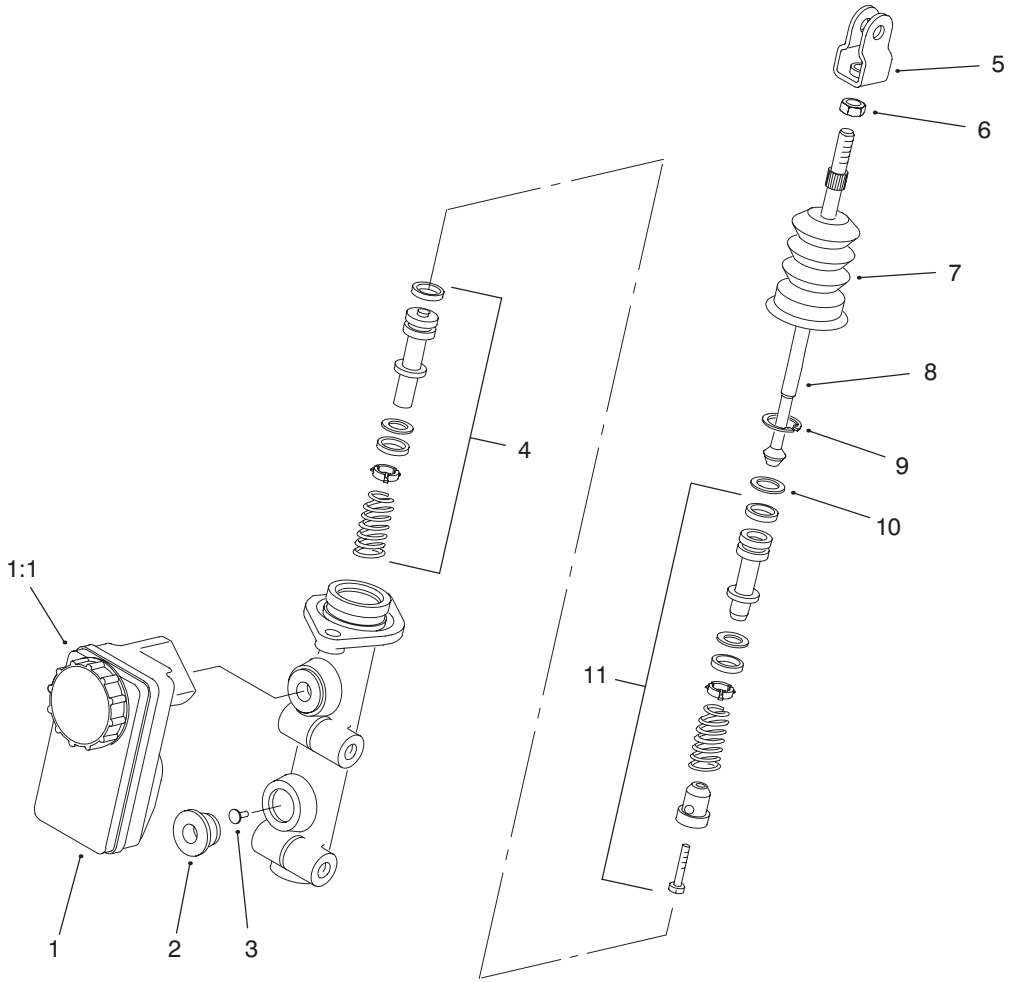


Sheet No.:5

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

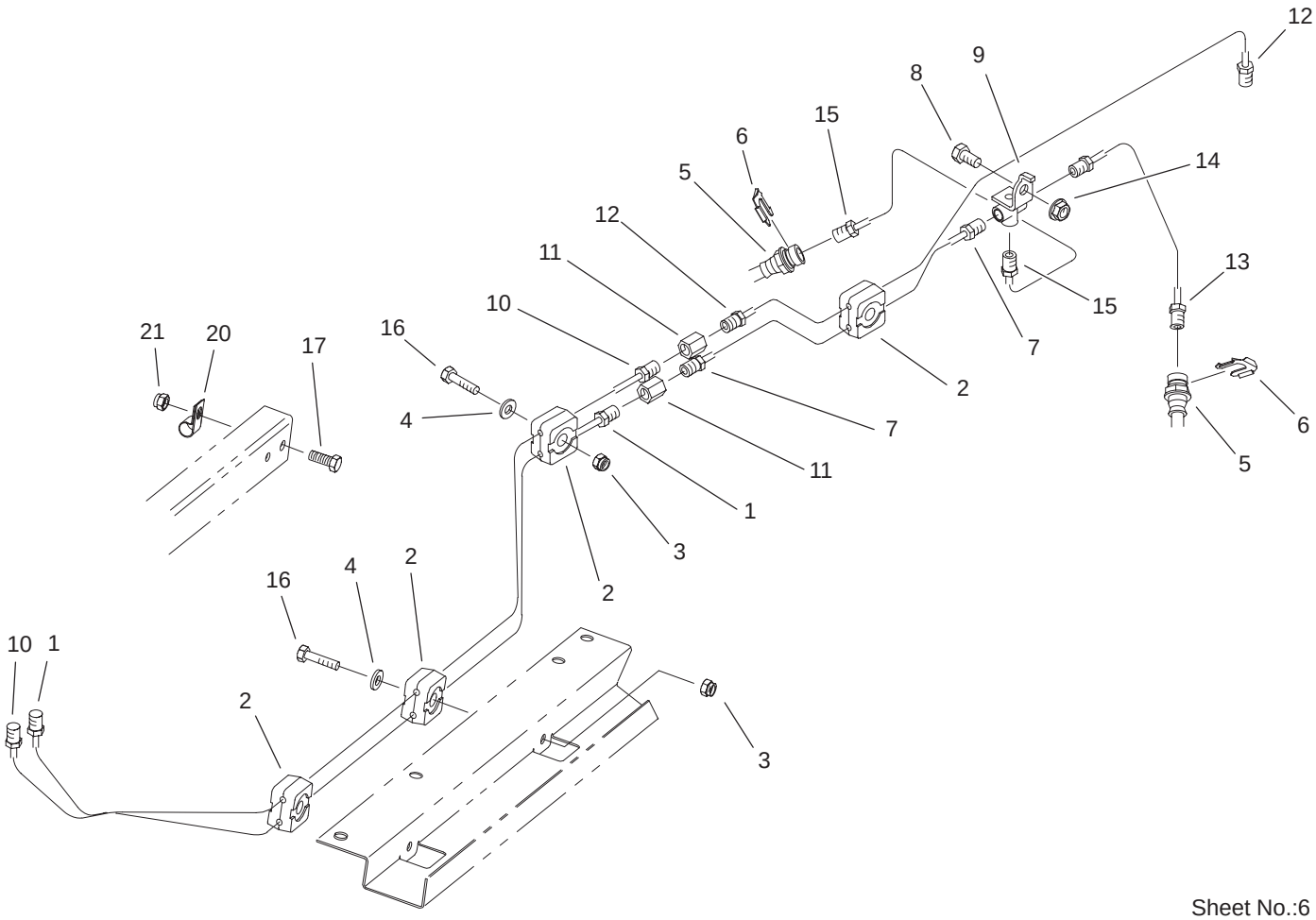


Sheet No.:A1
T–3347

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



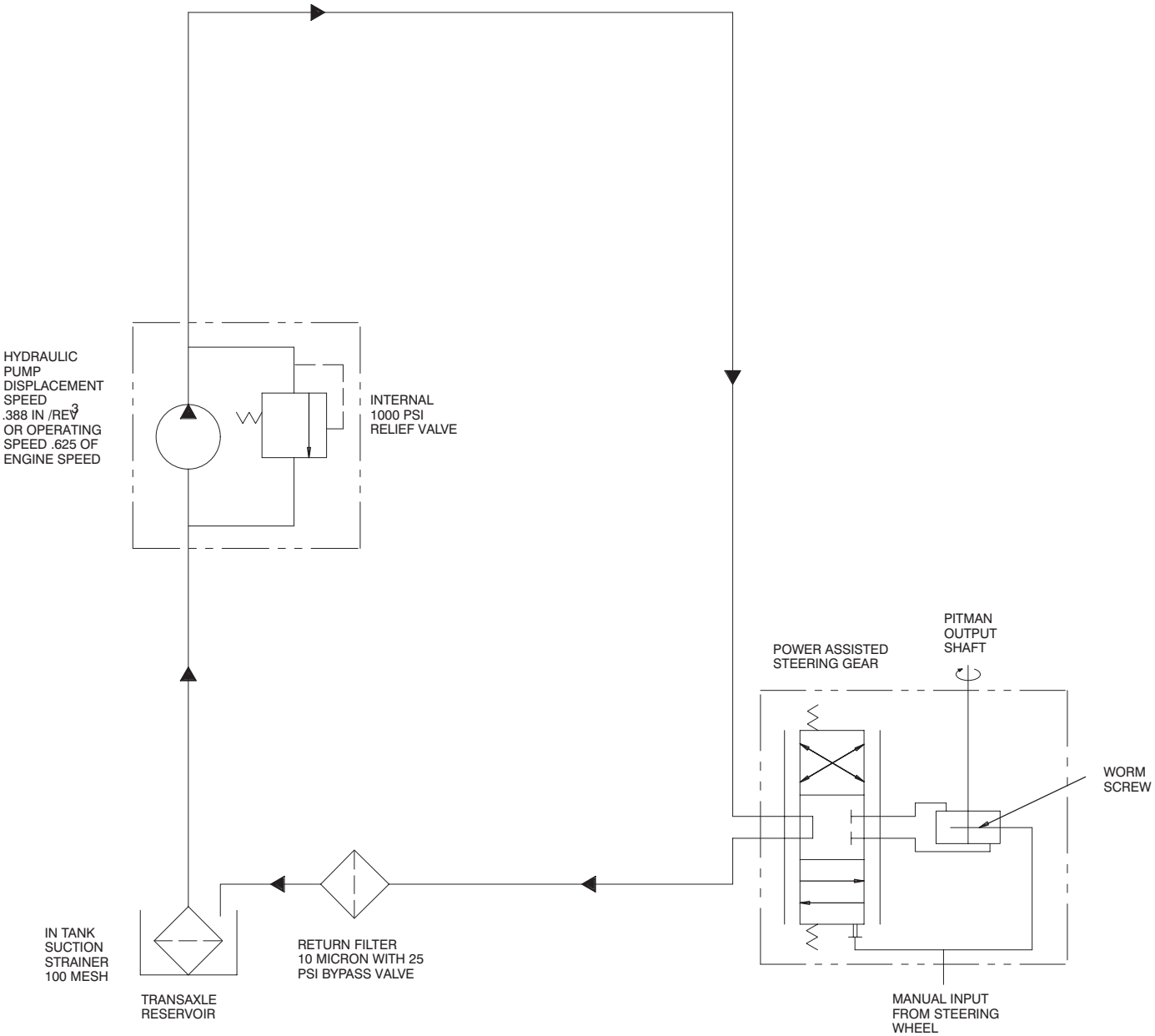
Sheet No.:6

Hydraulic Brake Assembly

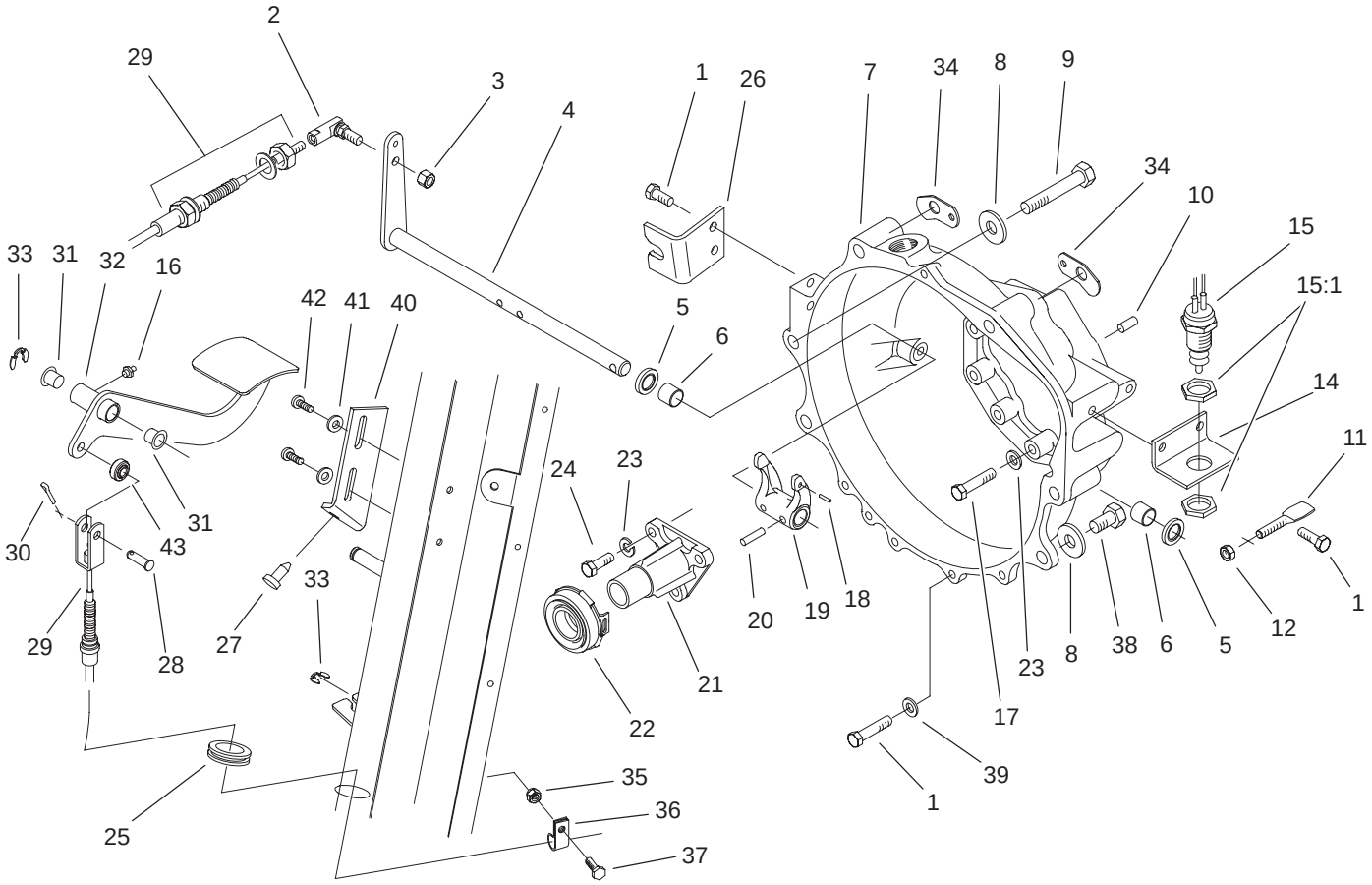
Ref. No.	Part No.	Qty.	Description
1	94–3820	1	Tube – Brake, Front
2	87–7660	8	Clamp–Tube
3	3296–42	4	Nut–Lock
4	3256–22	4	Washer–Flat
5	93–7123	2	Front Brake Hose ASM
6	87–3580	2	Clip–Retainer
7	93–7085	1	Front Brake Tube ASM
8	322–2	1	Screw–HH
9	87–3560	1	Tee
10	94–3819	1	Tube – Brake, Rear
11	87–3570	2	Union
12	94–3842	1	Rear Brake Tube ASM
13	93–7082	1	LH Front Brake Tube ASM
14	32128–20	1	Nut–HF
15	93–7081	1	RH Front Brake Tube ASM
16	321–9	4	Screw–HH
17	321–4	1	Screw–HH
20	2412–89	1	Clamp–R
21	32128–33	1	Nut–HF

Ref. No.	Part No.	Qty.	Description

Hydraulic Schematic



T–3016–1

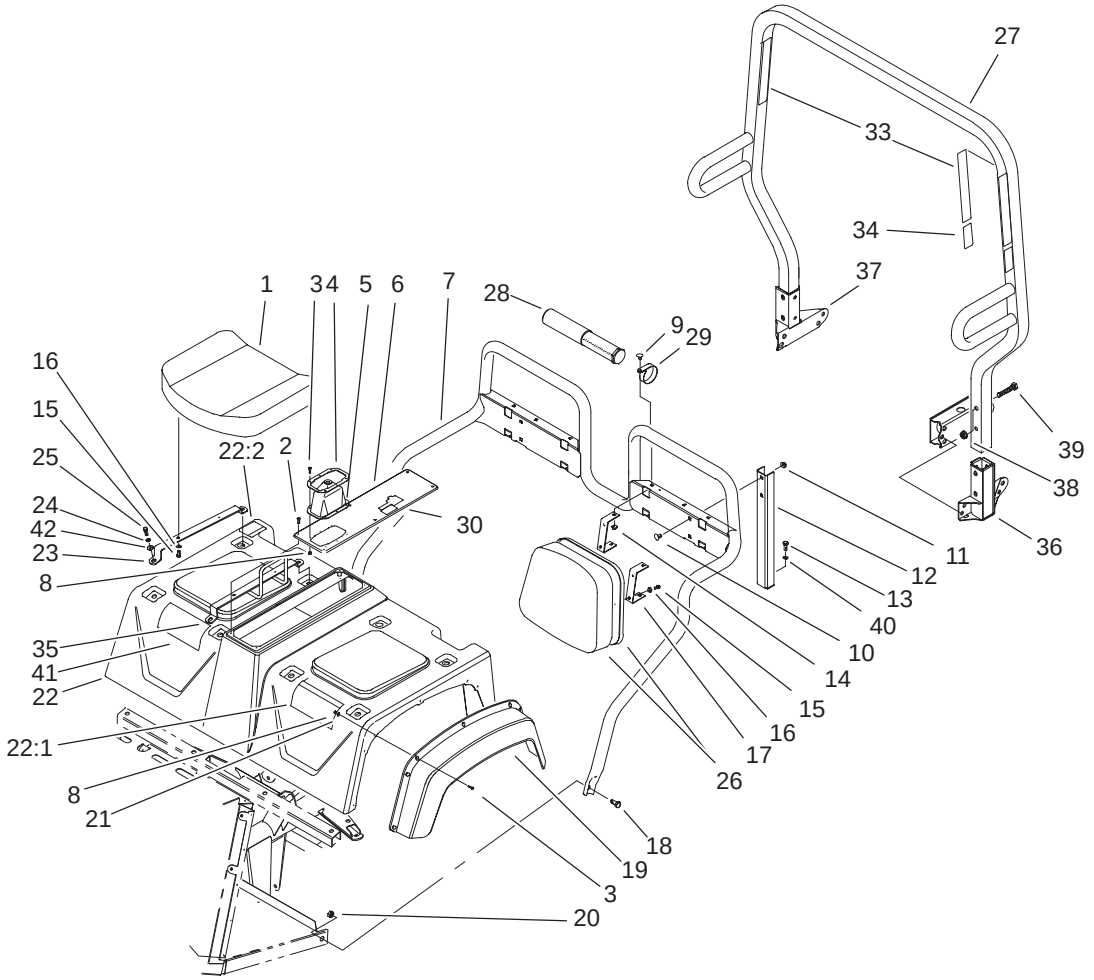


Sheet No.:7

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

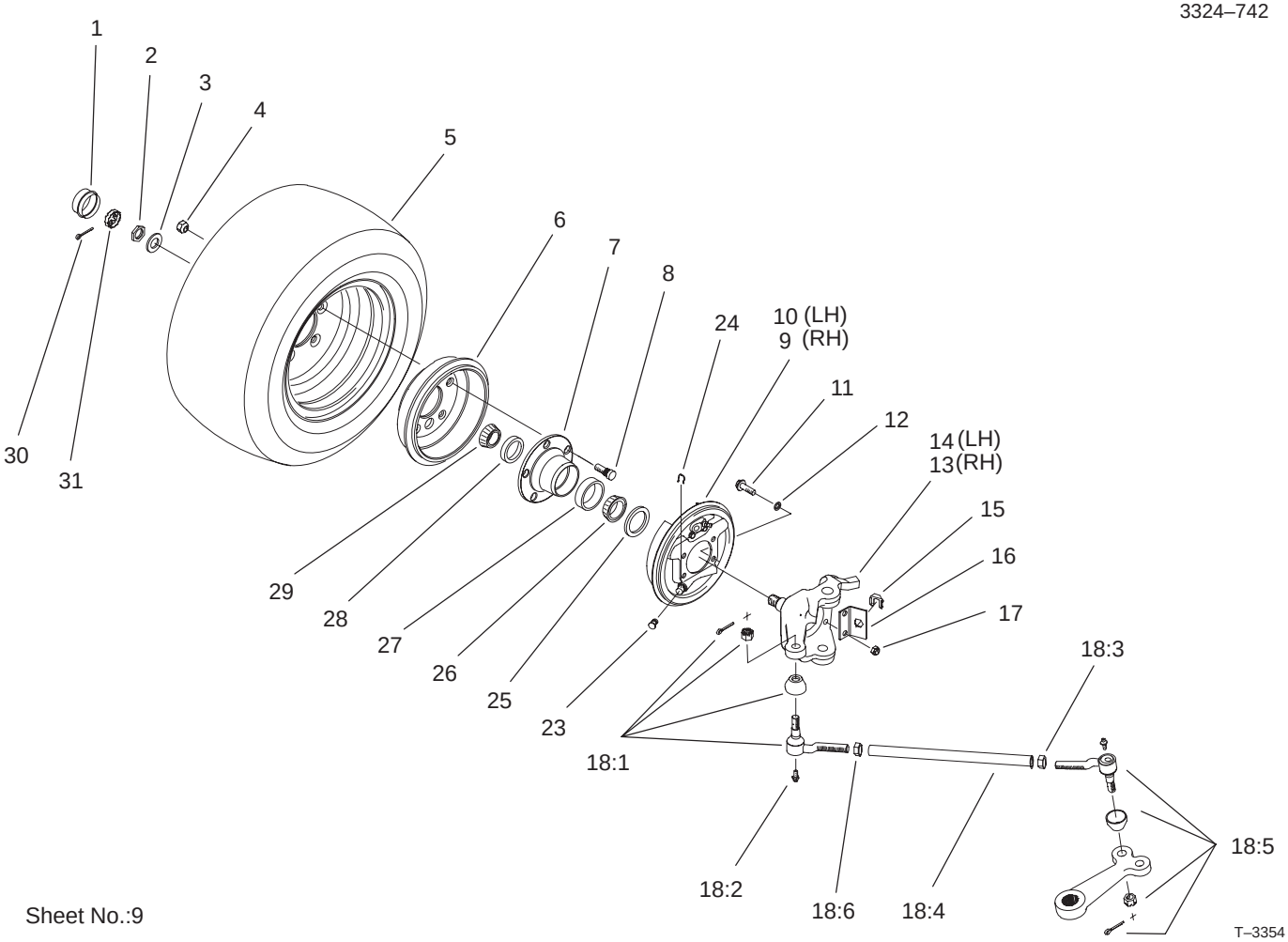


Sheet No.:8

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

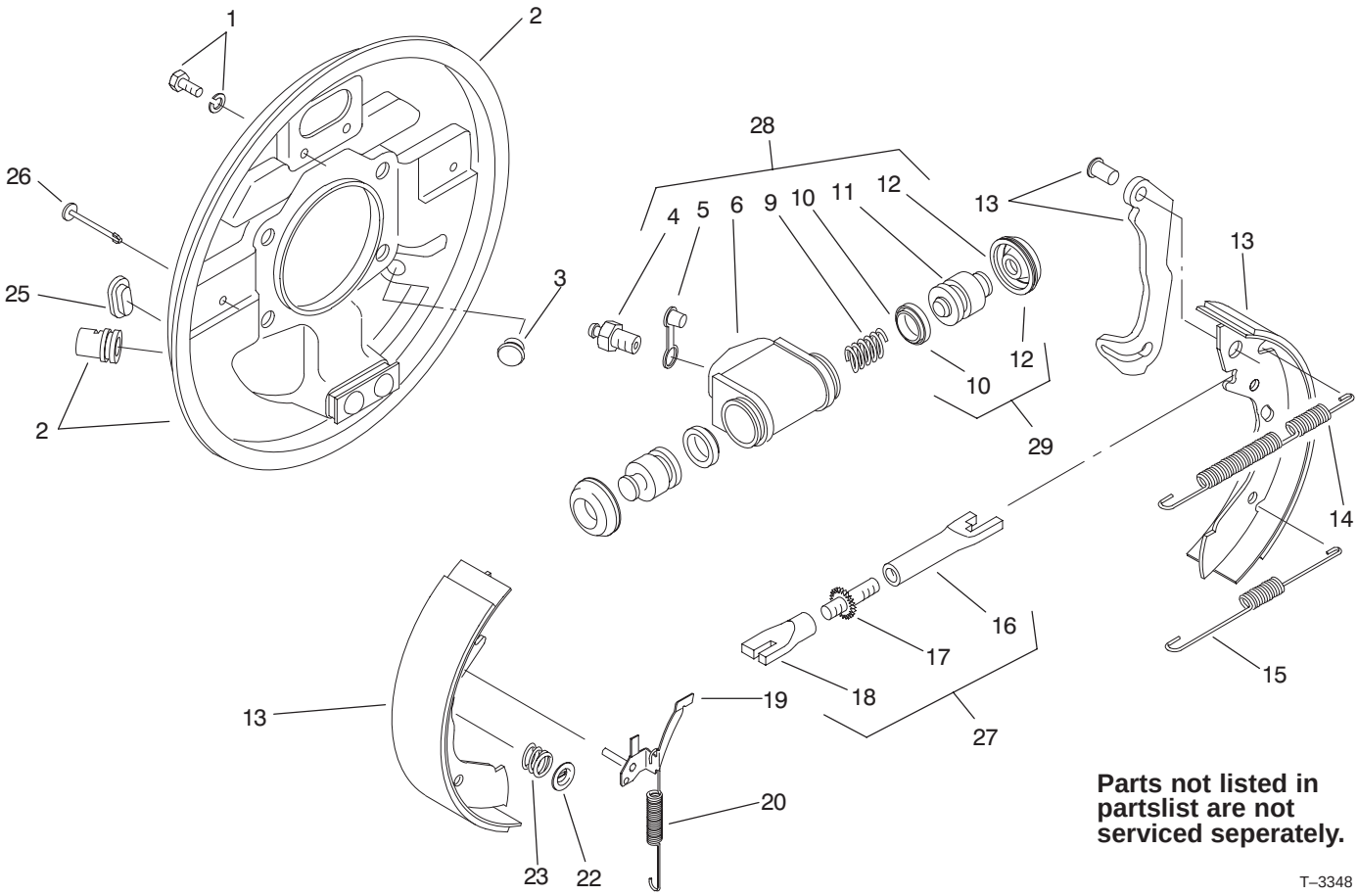


Sheet No.:9

Front Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	241–119	2	Cap–Dust
2	3220–7	2	Nut–Jam
3	93–0309	2	Washer – Tab
4	23–7270	10	Nut–Wheel
5	98–2977	2	Front Wheel ASM
6	87–0270	2	Drum–Brake
7	87–5560	2	Hub–Front
8	87–8730	10	Stud–Drive, Type
9	87–3010	1	RH Brake ASM
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

Ref. No.	Part No.	Qty.	Description
23	87–3450	2	Plug–Brake Plate, Front
24	87–3310	2	Clip–Cable, Brake
25	87–3590	2	Seal–Bearing
26	254–106	2	Bearing–Taper/Cone
27	254–107	2	Bearing–Taper/Cup
28	254–72	2	Bearing–Taper/Cup
29	254–94	2	Bearing–Taper/Cone
30	3272–12	2	Pin–Cotter
31	93–0307	2	Nut Retainer–Lock



Parts not listed in partslist are not serviced seperately.

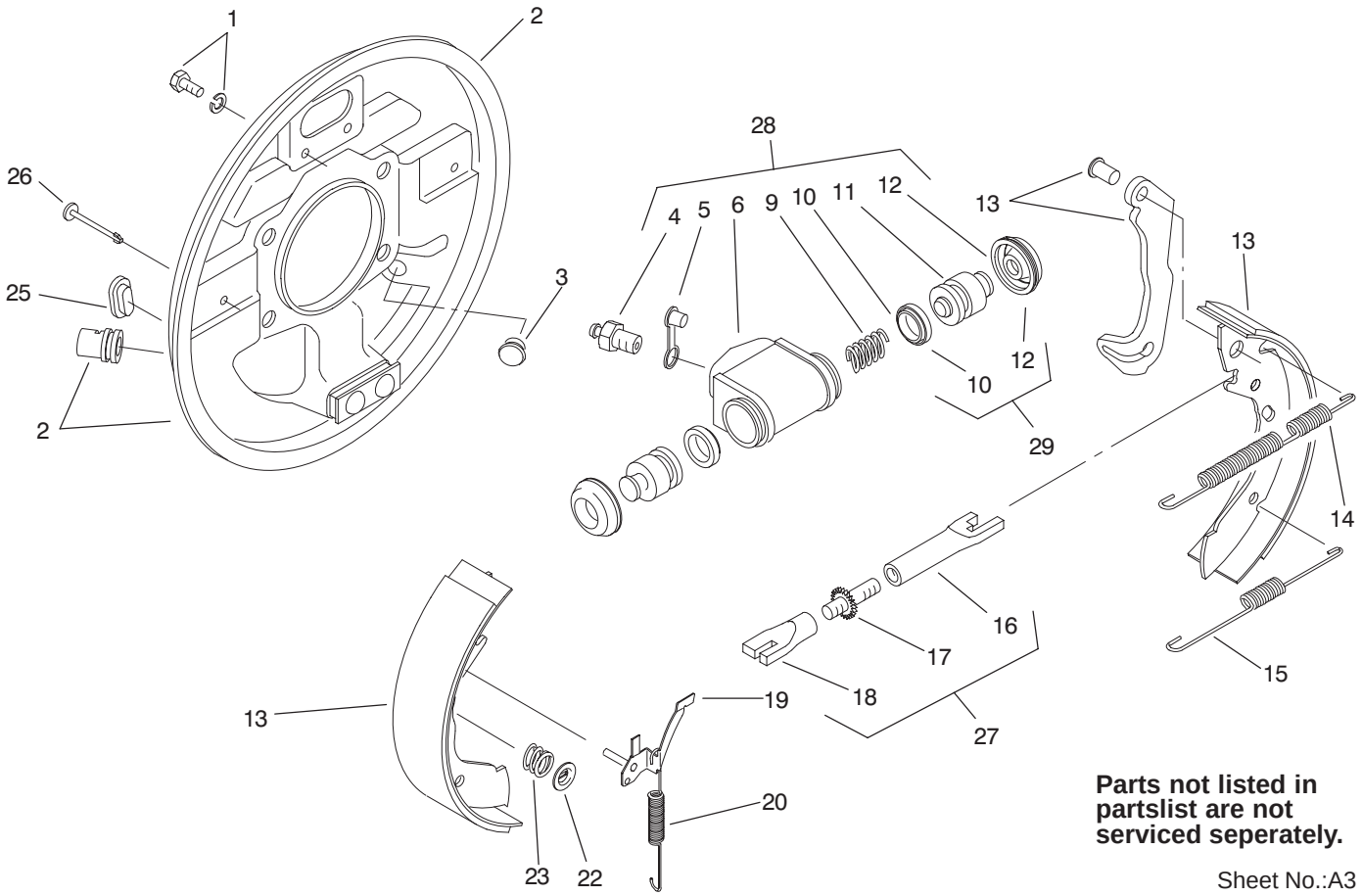
T–3348

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.

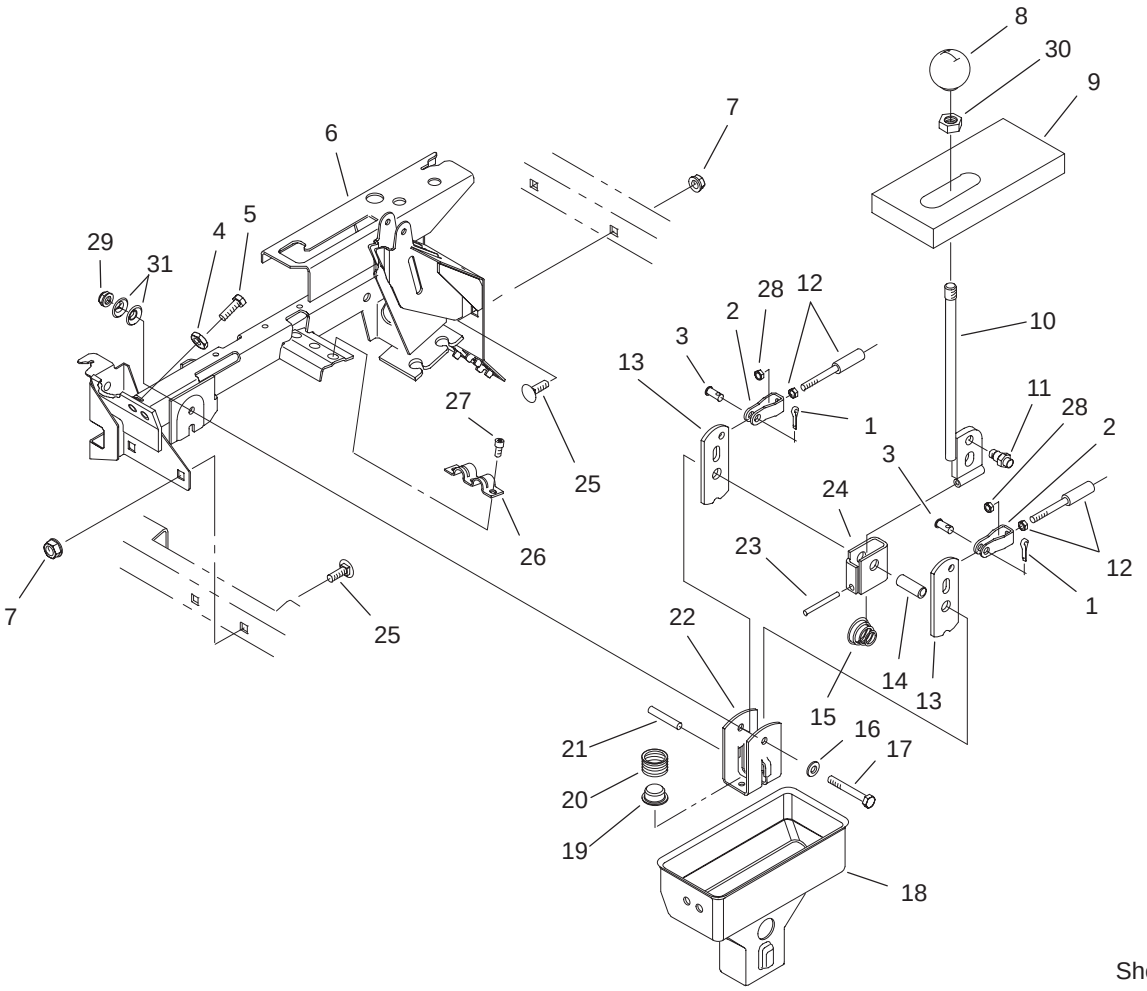
Sheet No.:A3

T–3348

LH Front Brake Assembly

Ref. No.	Part No.	Qty.	Description
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

Ref. No.	Part No.	Qty.	Description

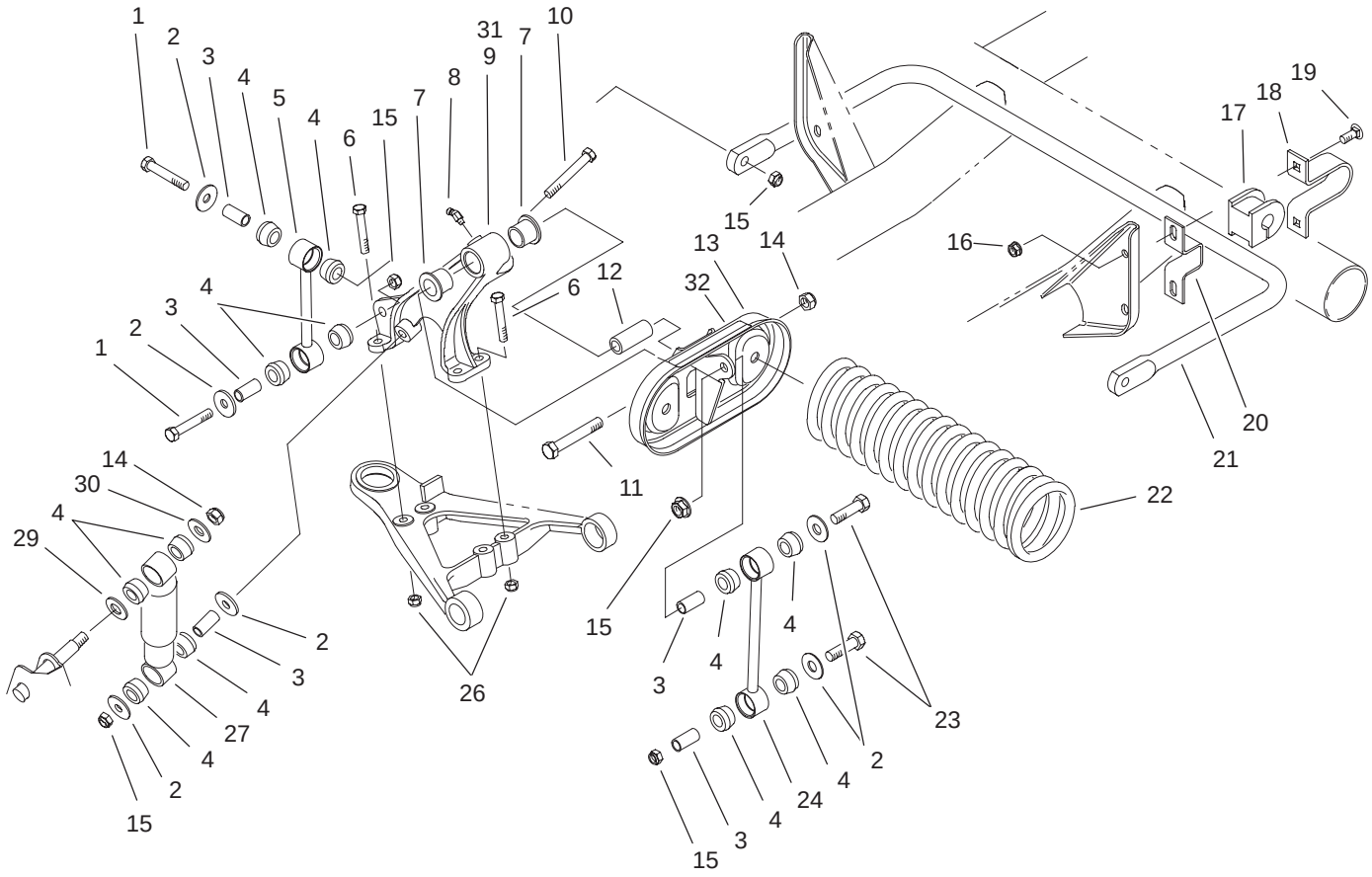


Sheet No.:10

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

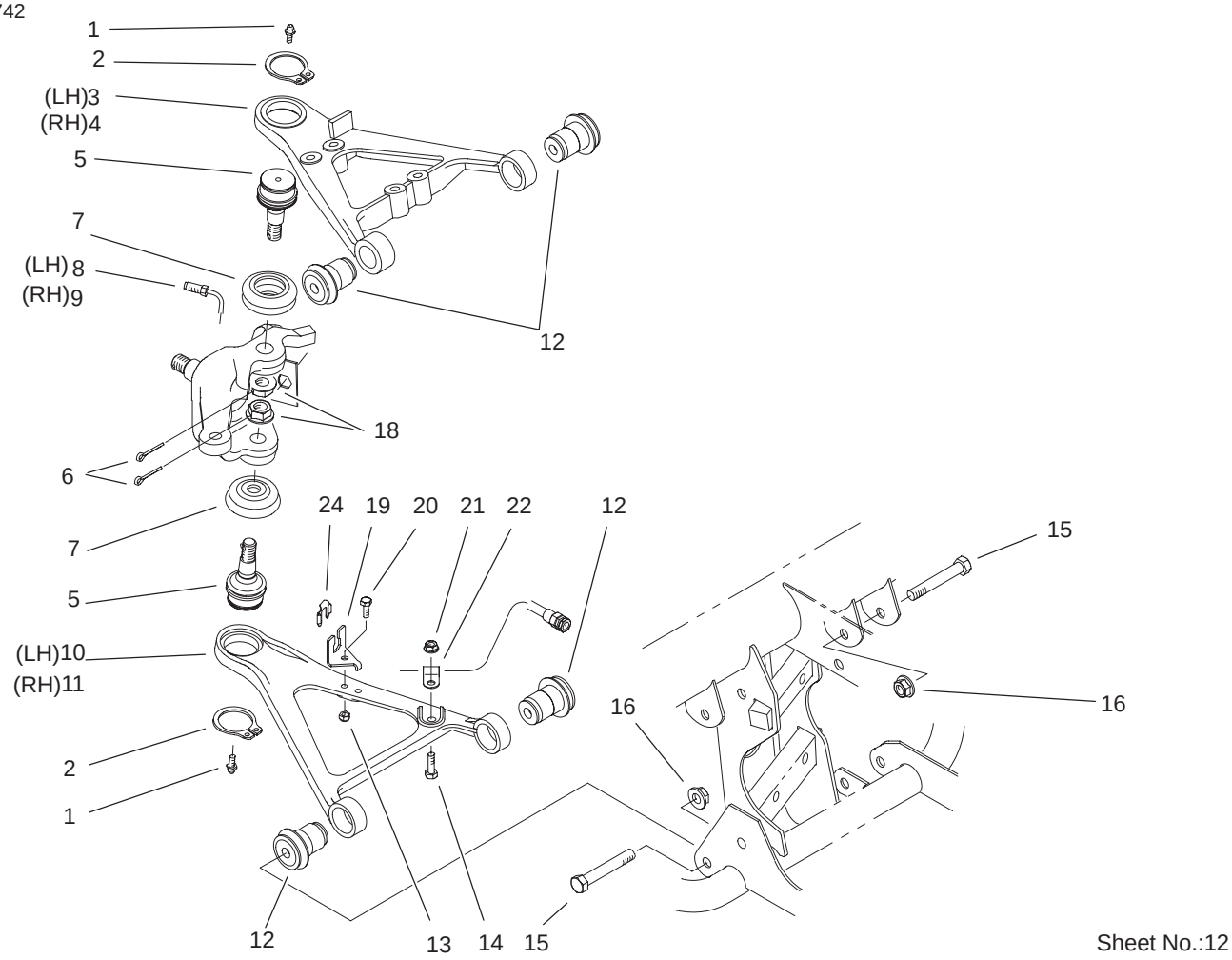


Sheet No.:11

Front Suspension Assembly

Ref. No.	Part No.	Qty.	Description
1	324–10	4	Screw–HH
2	87–5330	12	Washer
3	87–3600	10	Spacer–Absorber, Shock
4	87–3920	24	Bushing
5	87–3860–03	2	Anti–Sway Bar Lin ASM
6	323–12	8	Screw–HH
7	33–3090	4	Bushing
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

Ref. No.	Part No.	Qty.	Description
24	87–2480–03	2	Stabilizer Link ASM
26	3296–39	8	Nut–Lock, NI
27	87–3110	2	Absorber–Shock
29	3256–27	2	Washer–Flat
30	3256–6	2	Washer–Flat
31	87–0160–03	1	Tower–Control Arm, LH
32	44–0760	2	Decal–Warning

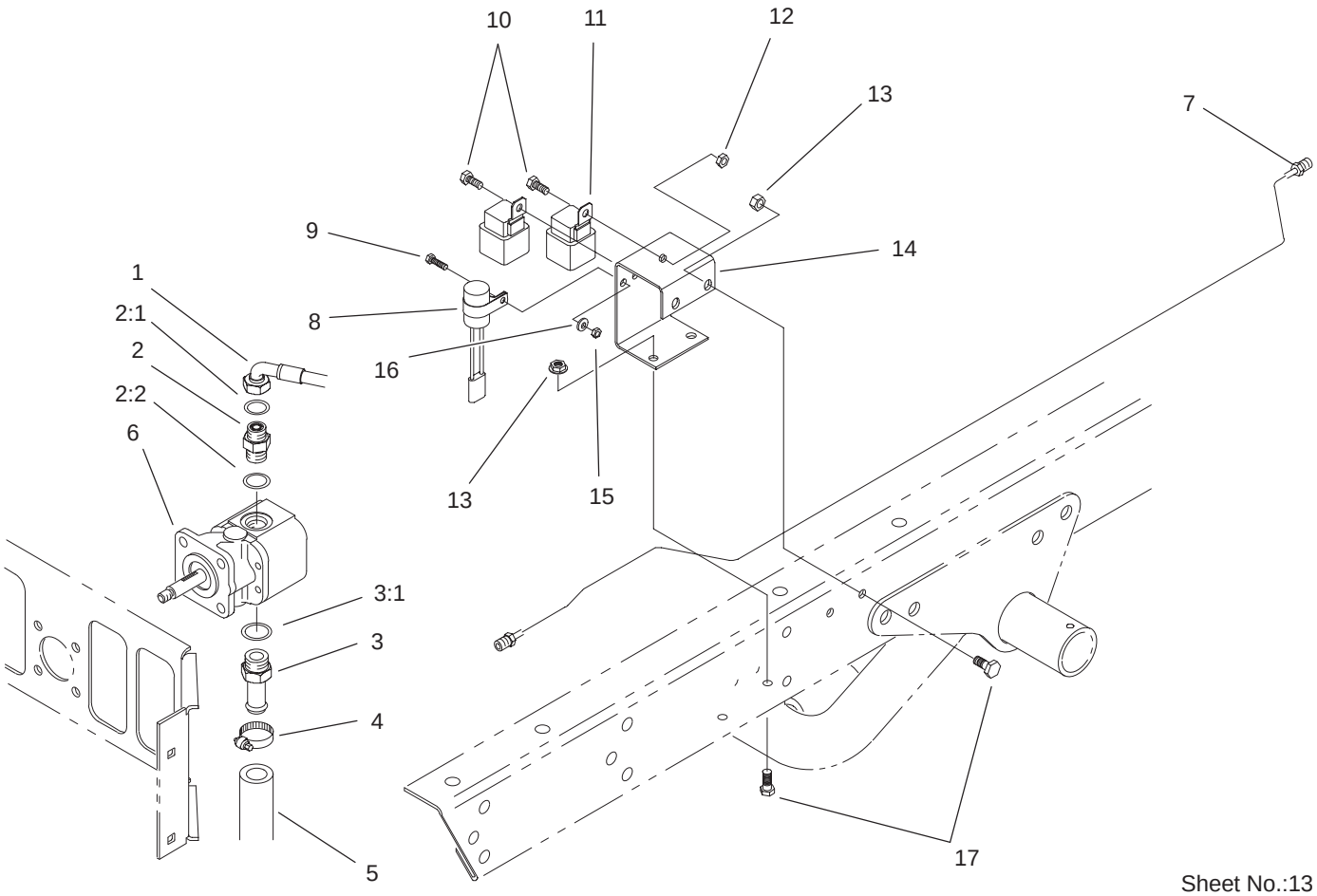


Sheet No.:12

Front Control Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	302–5	4	Fitting–Lube
2	32151–104	4	Ring–Retaining, Ext
3	93–7135–03	1	Control Arm–Top, RH
4	93–7133–03	1	Control Arm–Top, LH
5	87–1430	4	Ball Joint–2wd
6	3272–12	4	Pin–Cotter
7	87–2420	4	Seal–Joint, Ball
8	87–2790	1	LH Brake Tube ASM
9	87–2800	1	RH Brake Tube ASM
10	87–0210–03	1	Control Arm–Lower, RH
11	87–0220–03	1	Control Arm–Lower, LH
12	87–1450	8	Bushing–Flange
13	3296–42	2	Nut–Lock
14	322–5	2	Screw–HH
15	325–13	8	Screw–HH
16	3296–23	8	Nut–Lock, NI
18	32136–2	4	Nut–Hex, Slotted
19	87–2870	2	Bracket–Hose, Brake
20	321–6	2	Screw–HH
21	32128–20	2	Nut–HF
22	2412–10	2	R–Clamp
24	87–3580	2	Clip–Retainer

Ref. No.	Part No.	Qty.	Description



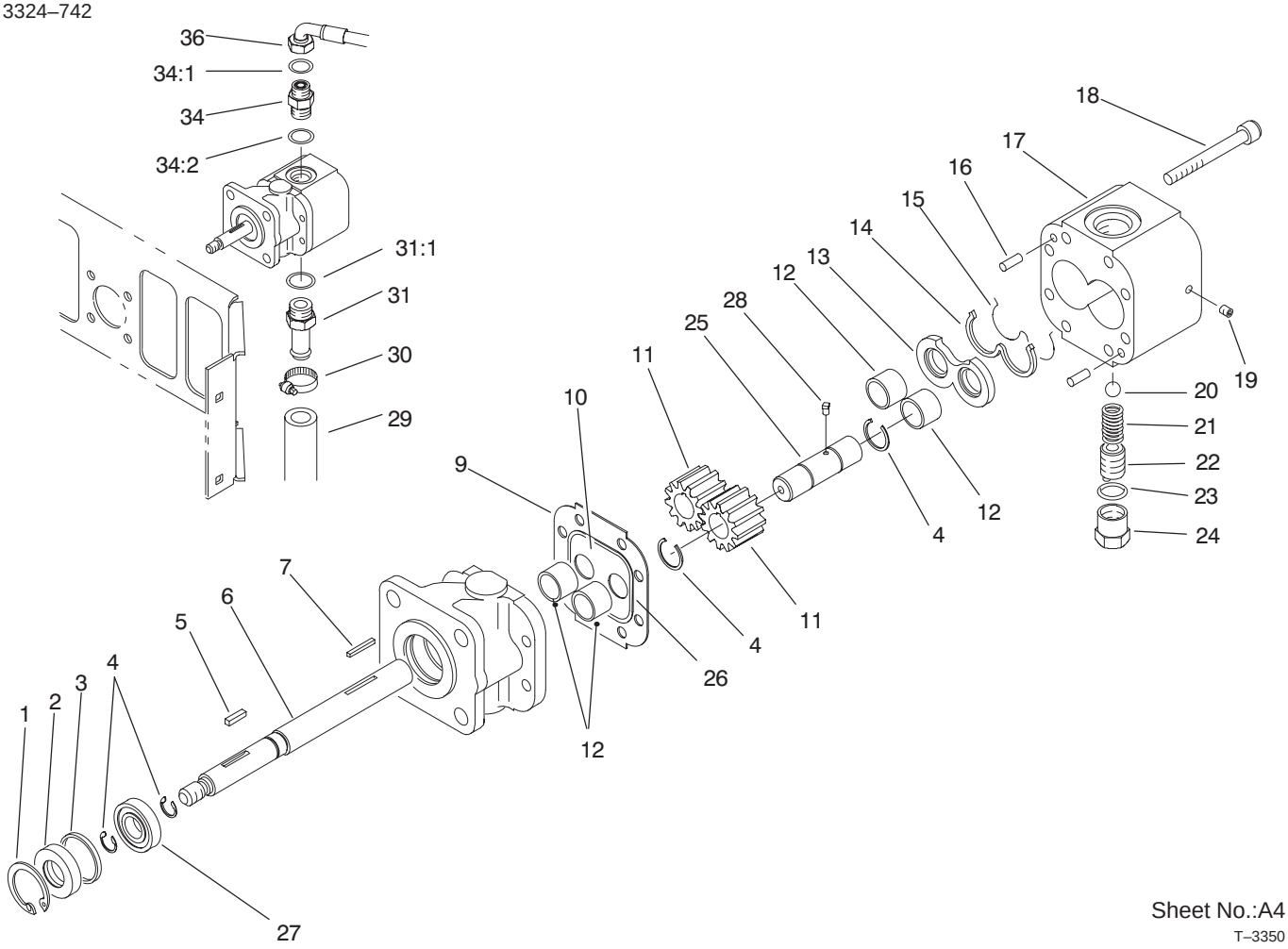
Sheet No.:13

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

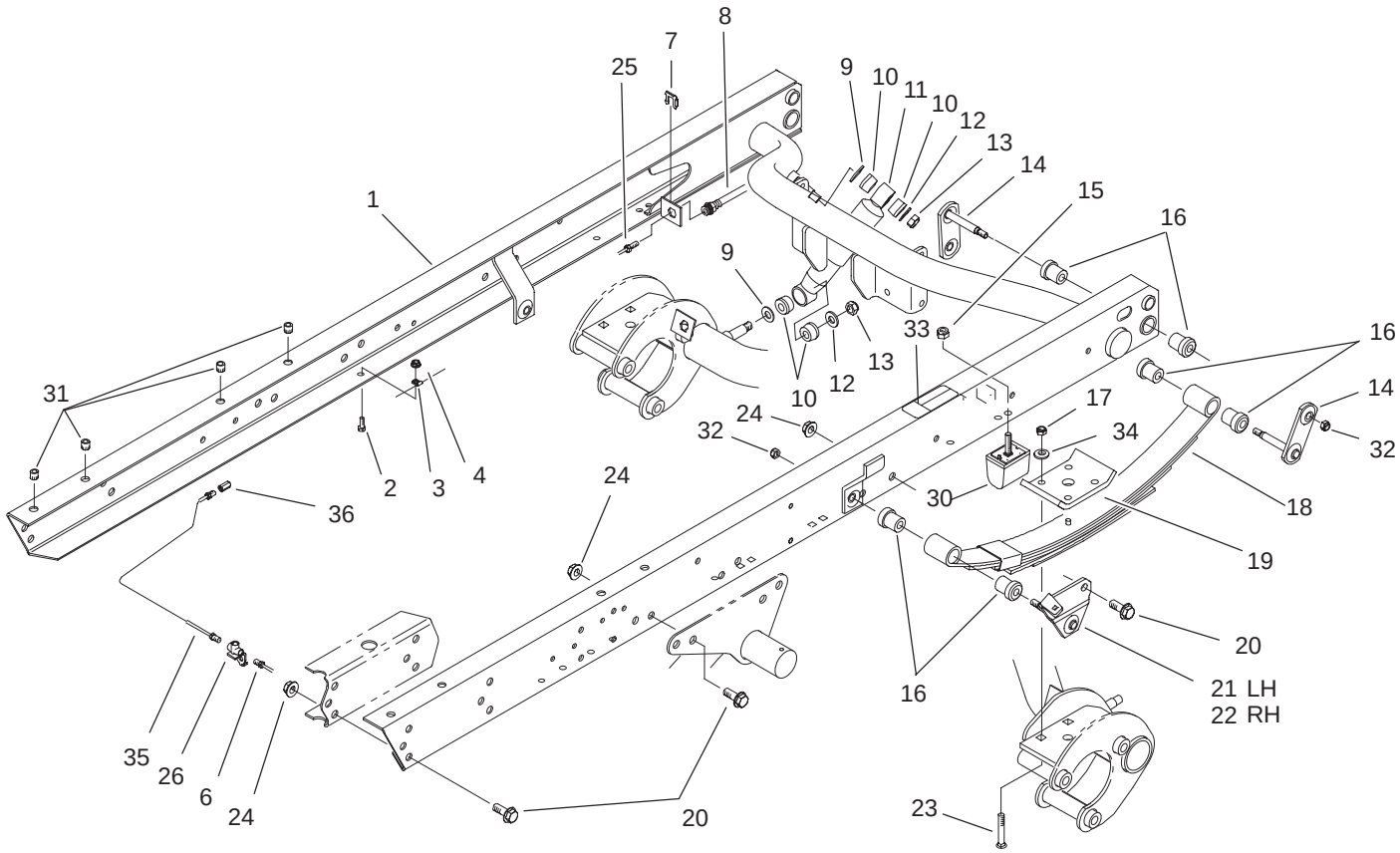


Sheet No.:A4
T–3350

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 Sl
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

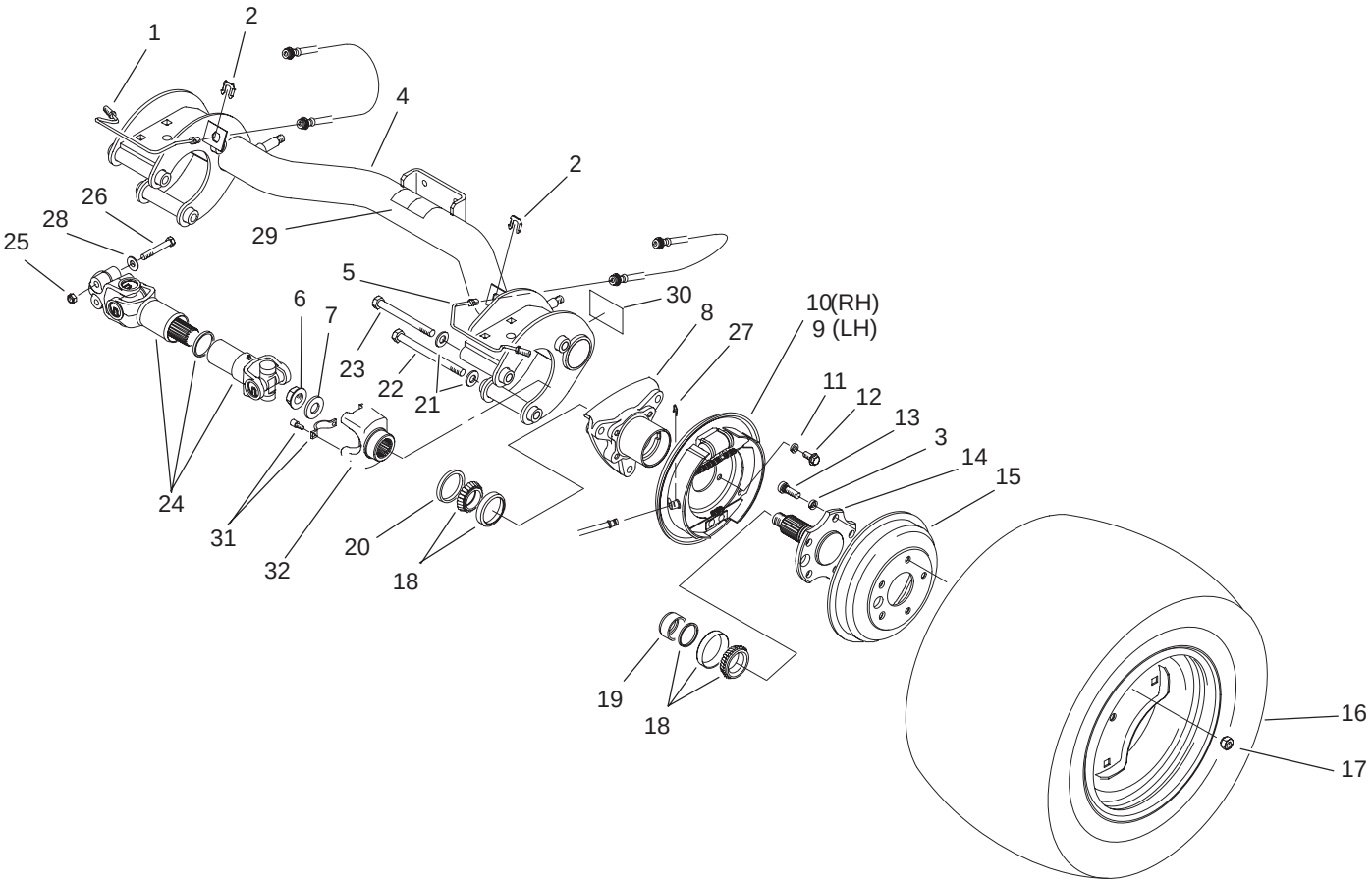


Sheet No.:14

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

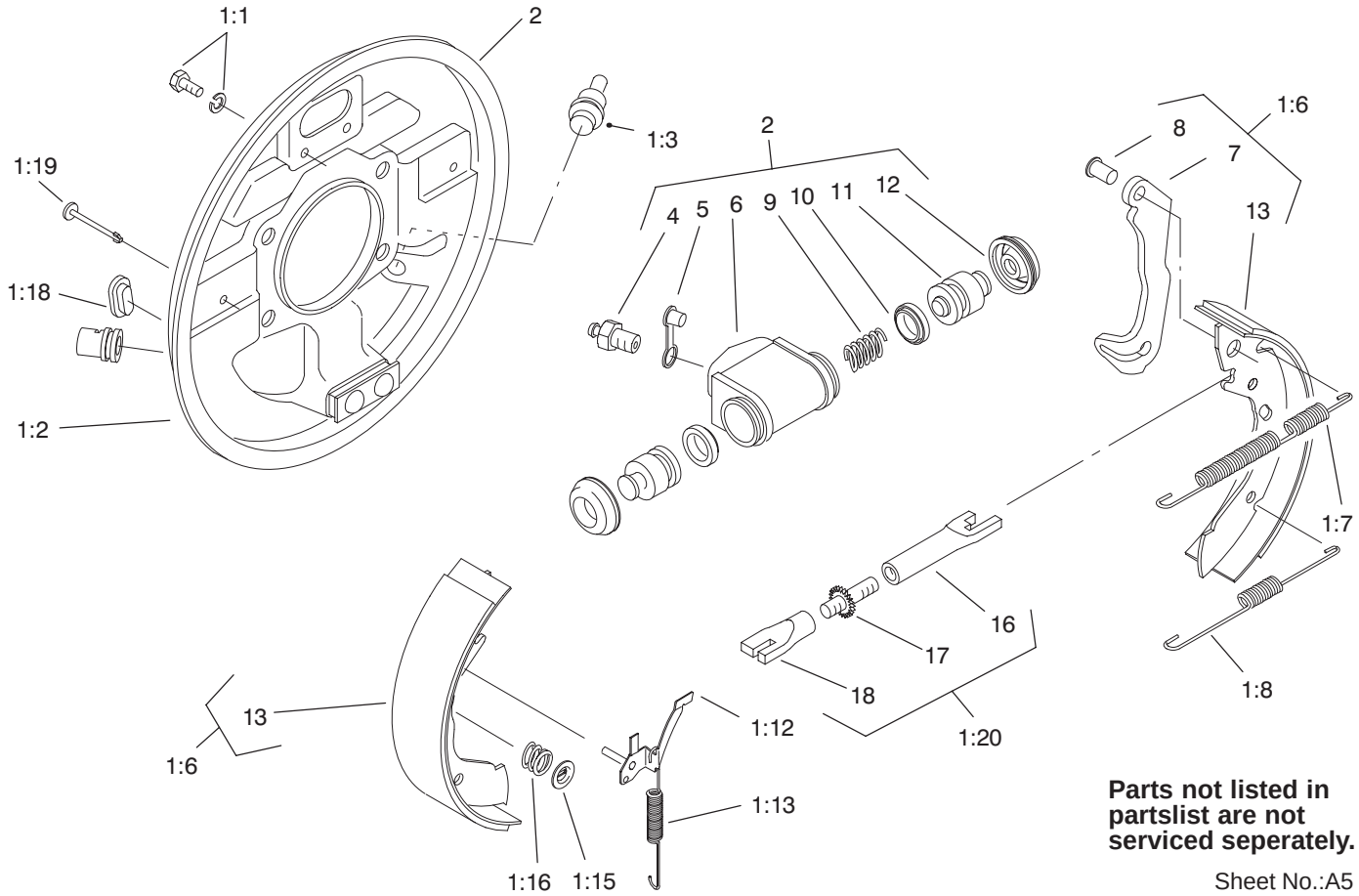


Sheet No.:15

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



Parts not listed in partslist are not serviced seperately.

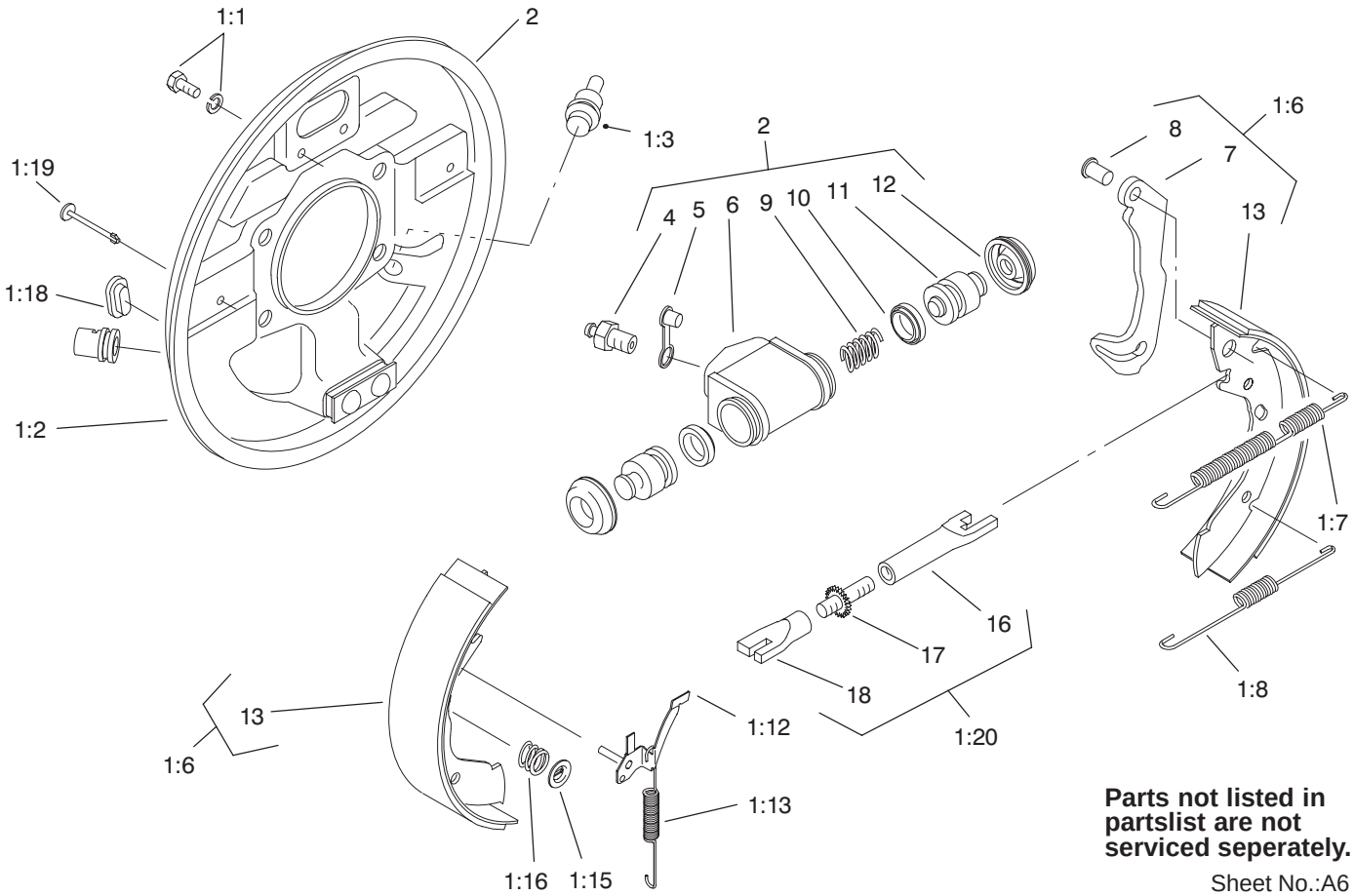
Sheet No.:A5

T–3351

LH Rear Brake Assembly No. 99–9416

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

Ref. No.	Part No.	Qty.	Description



Parts not listed in partslist are not serviced seperately.

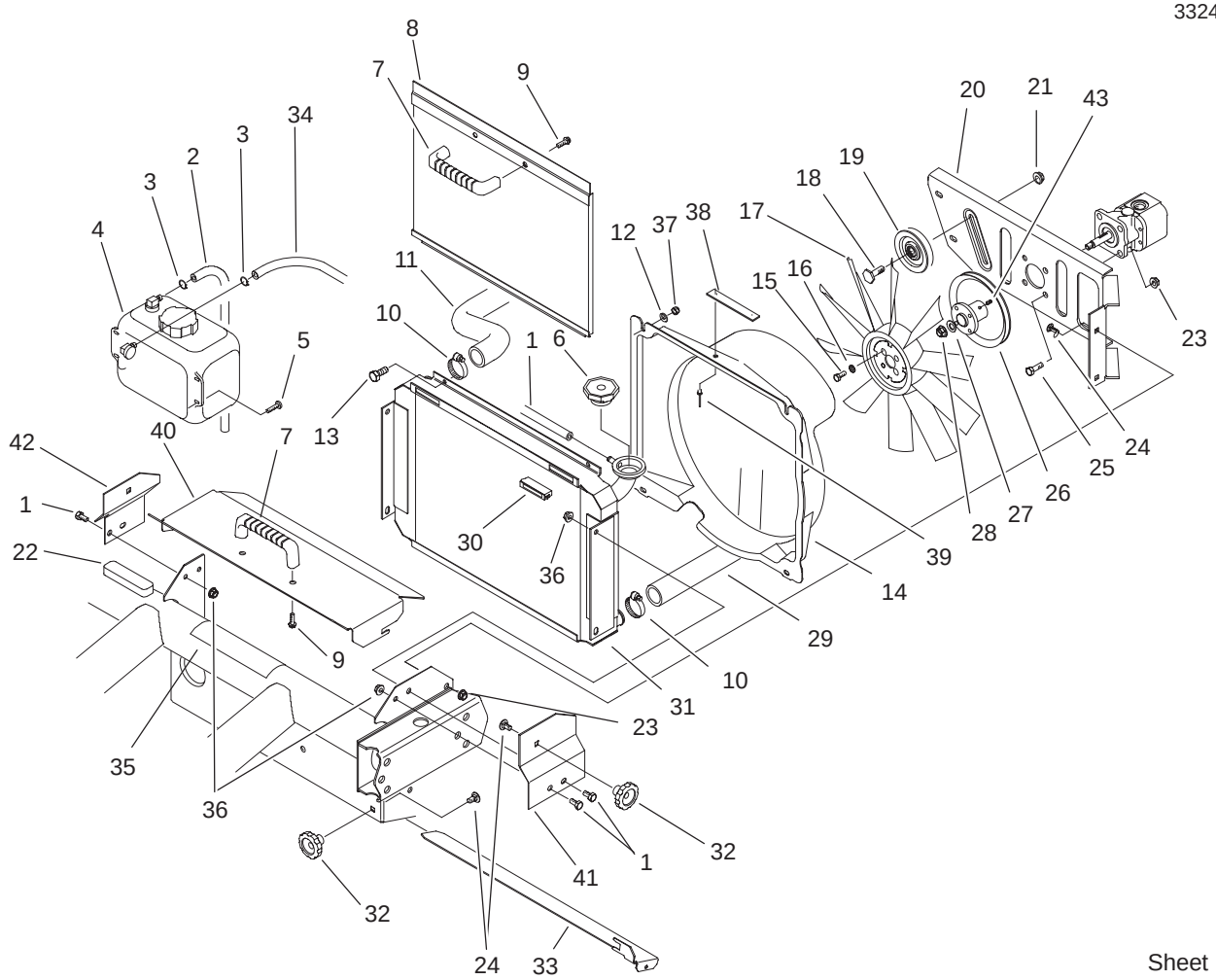
Sheet No.:A6

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

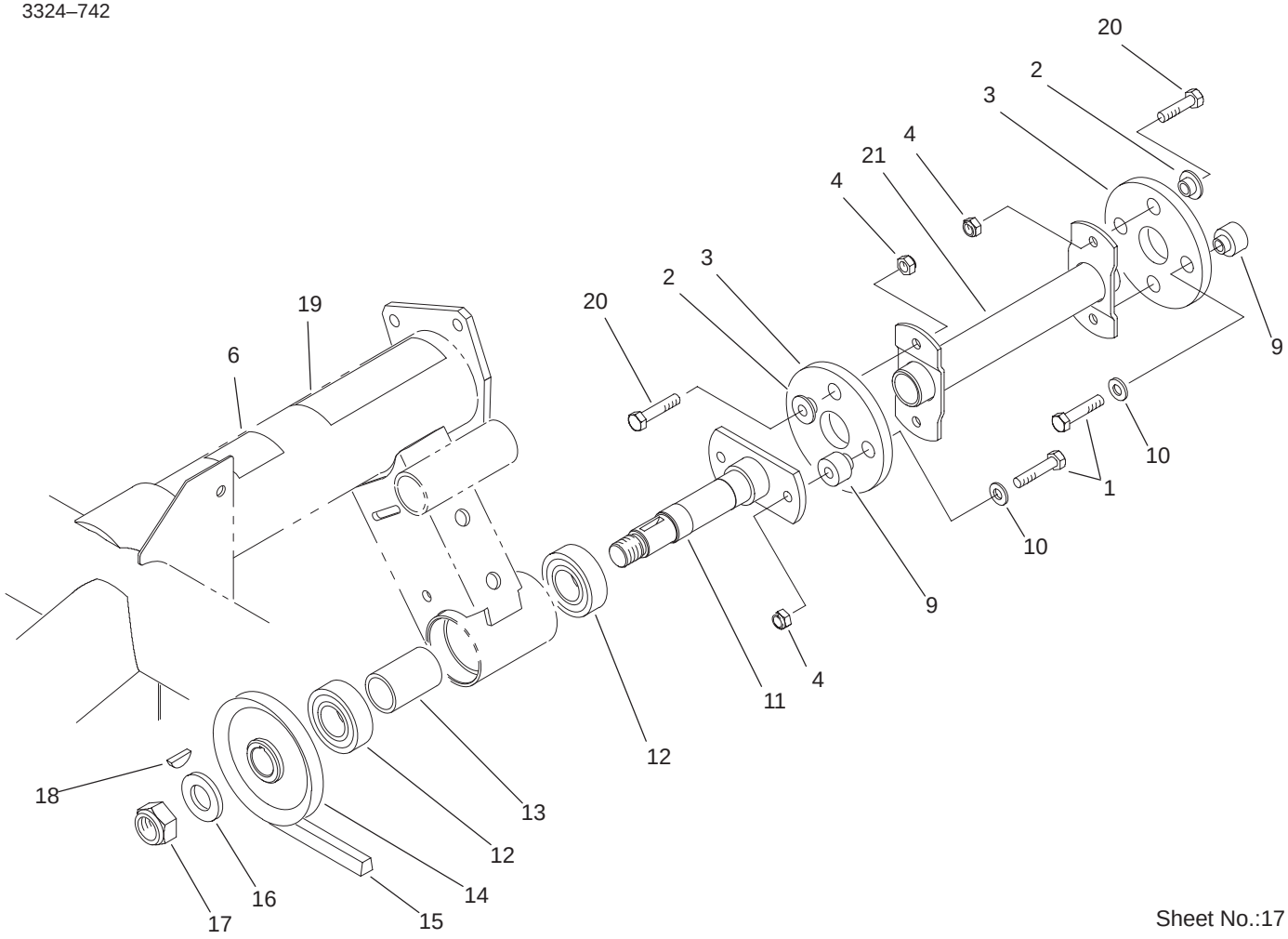


Sheet No.:16

Diesel Radiator and Hydraulic Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	322–2	6	Screw–HH
2	71–3381	1	Hose–Fuel
3	92–2379	2	Clamp–Hose
4	87–3710	1	Reservoir–Coolant
5	3250–20	4	Screw–PPH
6	66–3240	1	Cap–Radiator
7	65–5100	2	Handle–Door
8	93–7103–03	1	Screen–Radiator
9	46–8091	4	Special–HWH
10	2412–34	2	Clamp–Hose
11	87–7330	1	Hose – Radiator
12	3256–22	4	Washer–Flat
13	321–4	4	Screw–HH
14	93–7089	1	Shroud–Fan
15	321–3	4	Screw–HH
16	3253–3	4	Washer–Lock/Sp
17	84–1880	1	Fan
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

Ref. No.	Part No.	Qty.	Description
27	3256–45	1	Washer–Flat
28	3296–5	1	Nut–Lock, NI
29	87–4150	1	Hose–Radiator, Lower
30	58–4250	2	Catch–Magnetic
31	93–7051	1	Radiator–Mando (Diesel)
32	19–4050	3	Knob–Handle, Release
33	87–9300–03	1	Clean–Out Door
34	71–3383	1	Hose–Fuel
35	87–9420	1	Decal – Caution
36	32128–20	6	Nut–HF
37	3296–42	4	Nut–Lock
38	76–8750	1	Plate–Warning
39	3290–271	2	Rivet–Pop
40	93–8940–03	1	Cover – Radiator
41	93–8938–03	1	Brkt–Mount, LH Cover
42	93–8939–03	1	Brkt–Mount, RH Cover
43	3245–31	1	Screw–HS

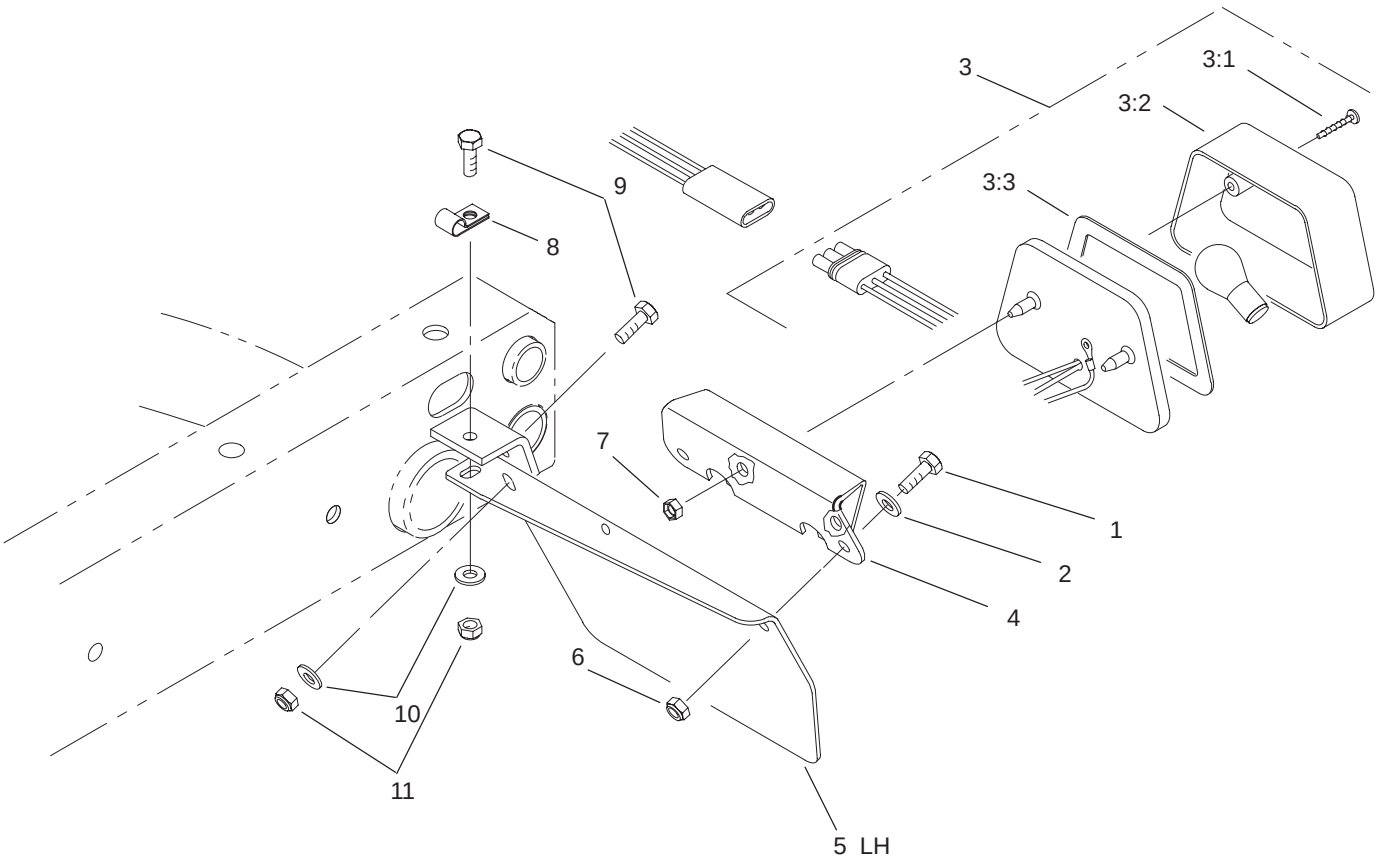


Sheet No.:17

Hydraulic Pump Drive Assembly

Ref. No.	Part No.	Qty.	Description
1	322–7	4	Screw–HH
2	27–6600	4	Spacer–Coupling
3	44–2230	2	Coupling–Rubber
4	3296–29	6	Nut–Lock,NI
6	83–9150	1	Decal–Fluid, Starting
9	27–6590	4	Spacer–Coupling, Rubber
10	3256–3	4	Washer–Flat
11	87–2720–03	1	Shaft–Mask, Sp
12	251–82	2	Bearing–Ball, Rtd
13	87–2750	1	Spacer–Bearing
14	87–3370–03	1	Pulley & Hub–Mask, Sp
15	93–7140	1	V–Belt–Pump
16	3256–28	1	Washer–Flat
17	3296–15	1	Nut–Lock NI
18	3257–7	1	Key–Woodruff
19	80–8040	1	Warning–Member, Rotating
20	322–5	4	Screw–HH
21	87–4120–03	1	Drive Shaft ASM

Ref. No.	Part No.	Qty.	Description

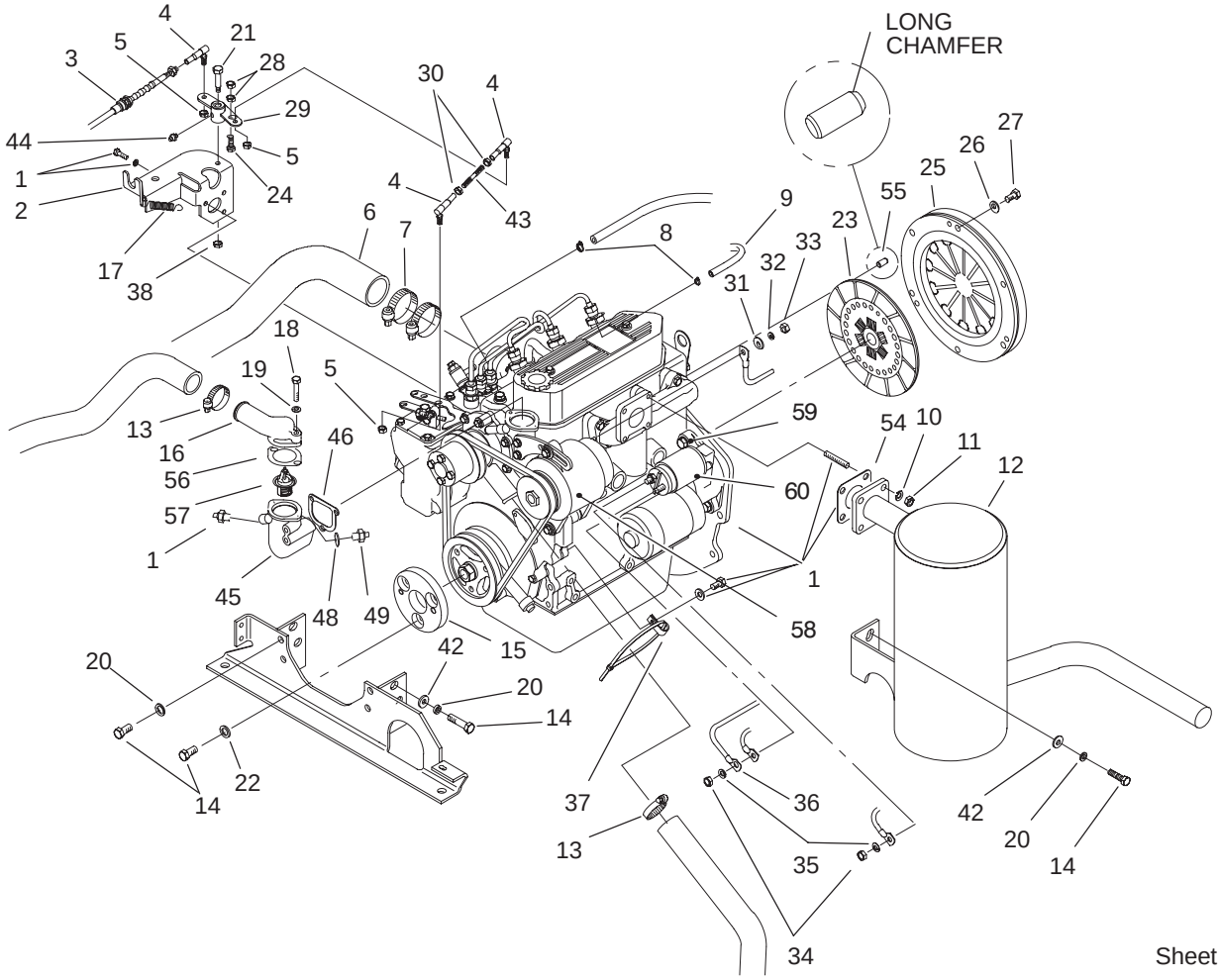


Sheet No.:18

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

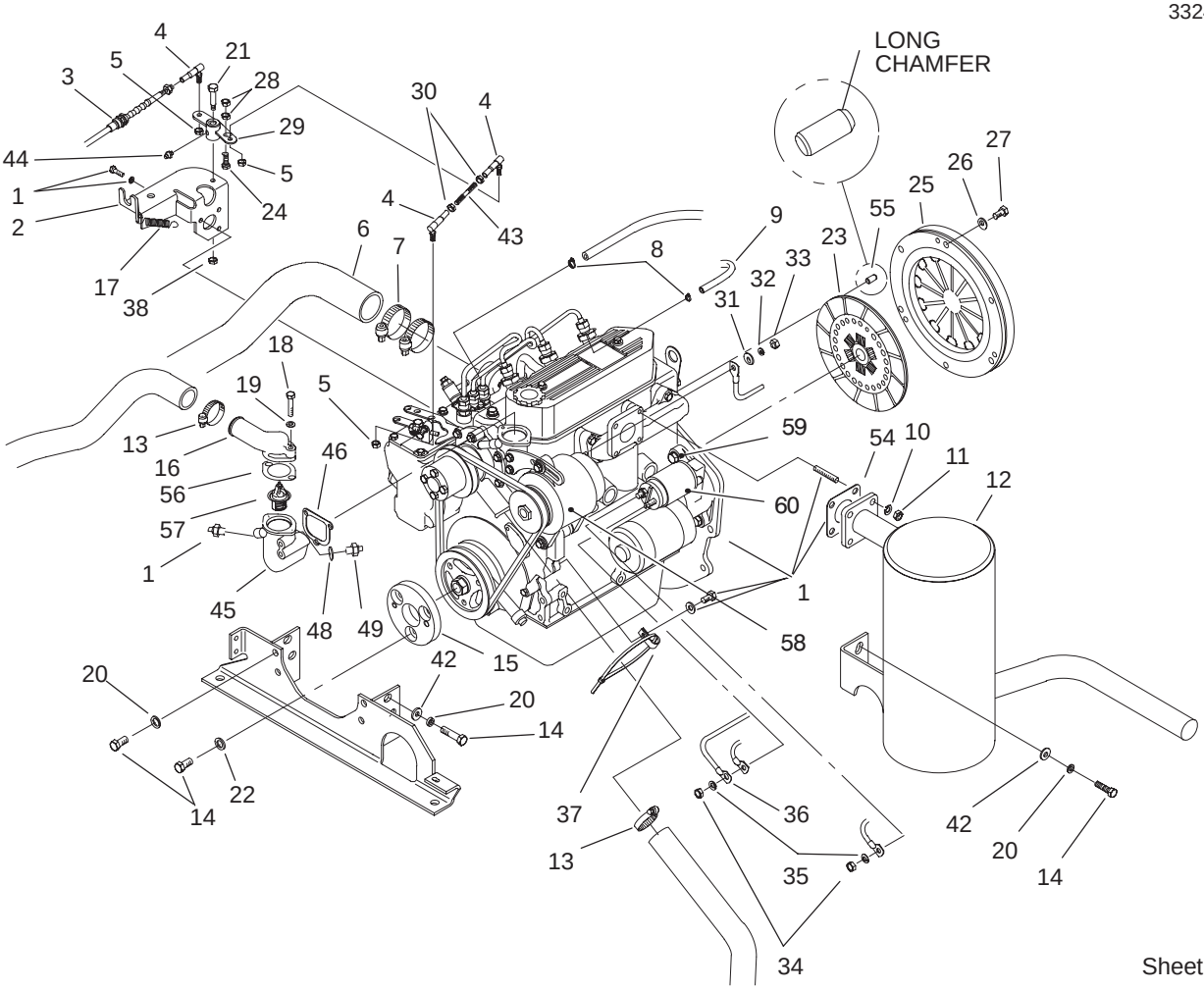
Ref. No.	Part No.	Qty.	Description



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, Dl
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

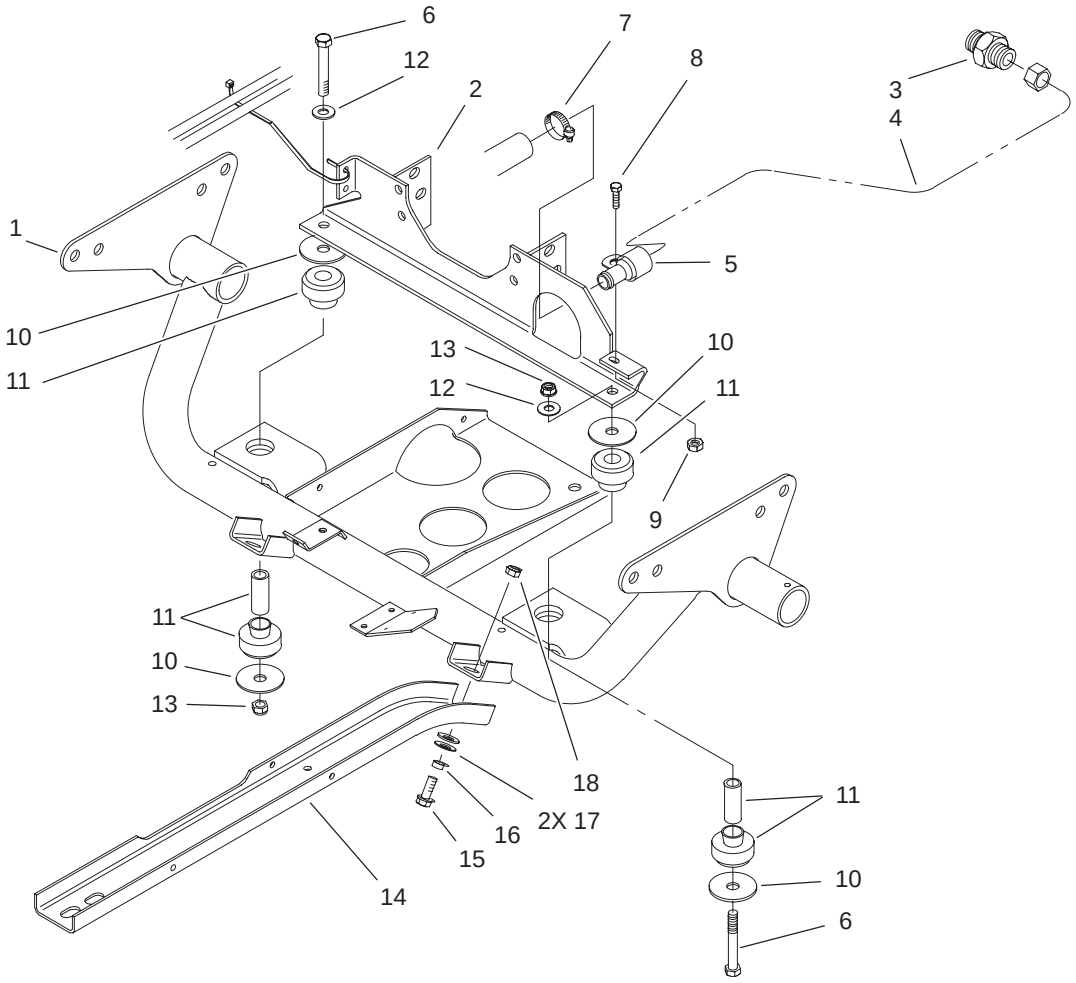


Sheet No.:19

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

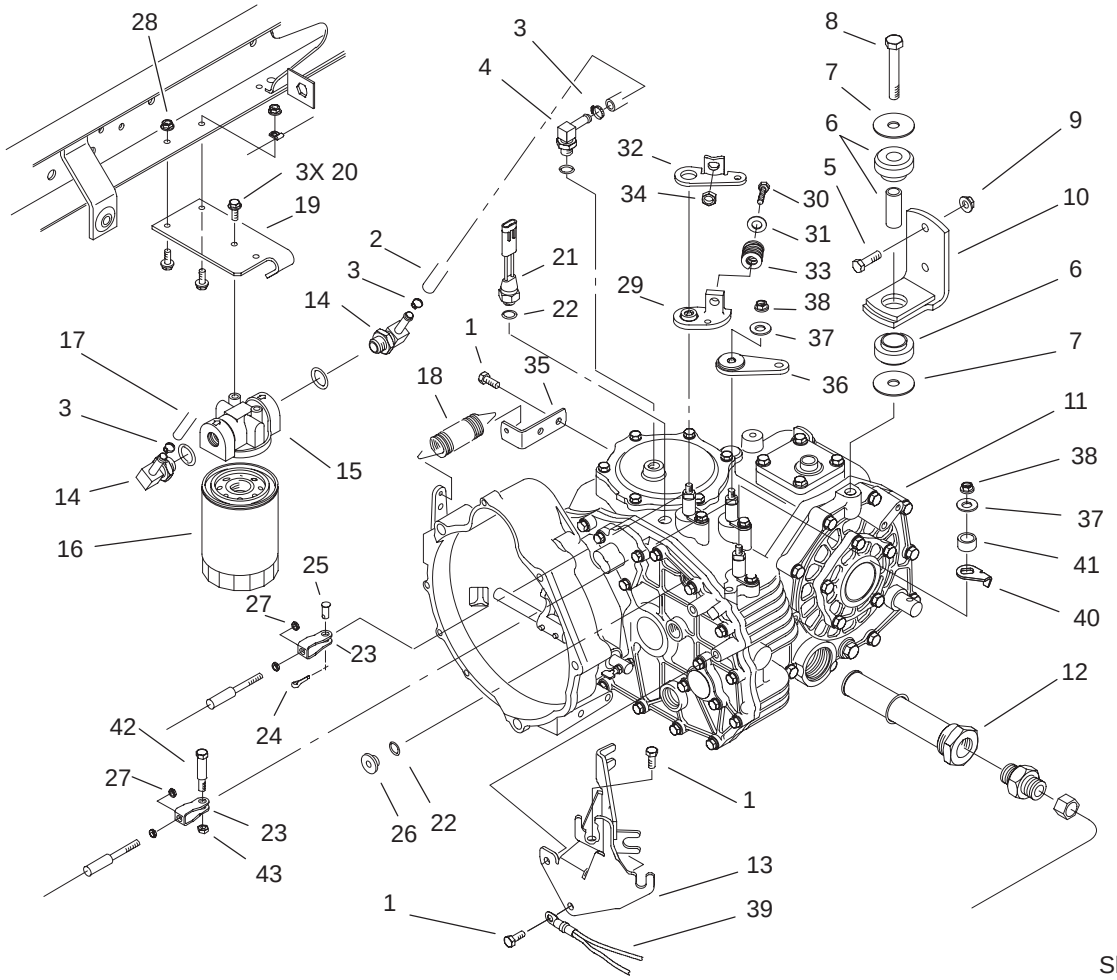


Sheet No.:20

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



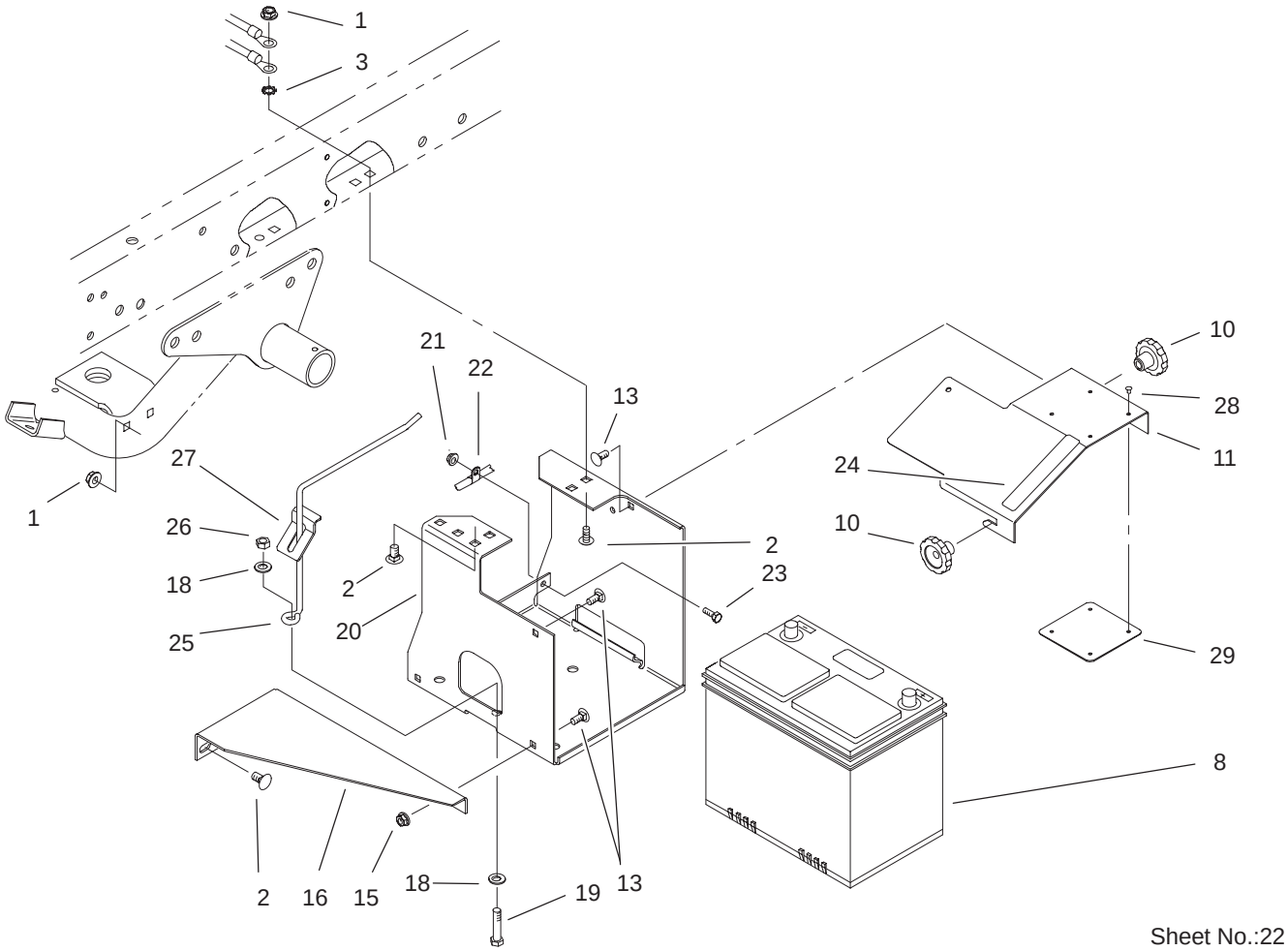
Sheet No.:21

Transaxle Assembly

Ref. No.	Part No.	Qty.	Description
1	33114–020	5	Screw–HH
2	87–5730	1	Hose
3	2412–36	3	Clamp–Hose
4	354–135	1	Fitting–Hydraulic 90
5	323–7	4	Screw–HH
6	87–4970	2	Engine Mount ASM
7	87–5100	4	Washer – Snubbing
8	3215–1	2	Screw–HH
9	3296–39	4	Nut–Lock, NI
10	87–5800–03	2	Transaxle Mount ASM
11	100–4463	1	2wd Transaxle ASM
12	87–3990	1	Strainer – Transaxle
13	87–4820–03	1	Cable Mount Bracket ASM
14	354–134	2	Fitting–Hydraulic, 90deg
15	87–8780	1	Head–Filter
16	54–0110	1	Filter–Oil, Transmission
17	99–1058	1	Hose ASM
18	68–9950	1	Spring–Traction
19	87–7040–03	1	Bracket–Filter, Hydraulic
20	3234–4	4	Screw–Hfh
21	72–4310	1	Switch
22	237–30	2	O–Ring

Ref. No.	Part No.	Qty.	Description
23	87–2310	2	Clevis–Cable
24	3272–6	1	Pin–Cotter
25	283–62	1	Pin–Clevis
26	353–989	1	Hollow Hex Plug–Sae–6
*26:1	237–42	1	O–Ring
27	3220–1	2	Nut–Jam
28	32128–33	1	Nut–HF
29	87–7970	1	Arm – Shift
30	323–10	1	Screw–HH
31	3256–4	1	Washer–Flat
32	87–8250	1	Plate–Arm, Shift
33	87–6910	1	Spring–Compression
34	32128–21	1	Nut–HF
35	87–7170	1	Bracket–Spring, Clutch
36	87–7960	1	Lever–Shift
37	80–6990	3	Washer–Hardened
38	48–9520	3	Nut
39	87–3080	1	Cable – Battery, Neg
40	99–1052	1	Plate–Hi–Lo
41	92–6982	1	Spacer – Brake
42	100–4516	1	Bolt–Shoulder
43	3296–56	1	Nut–Lock

* Not illustrated

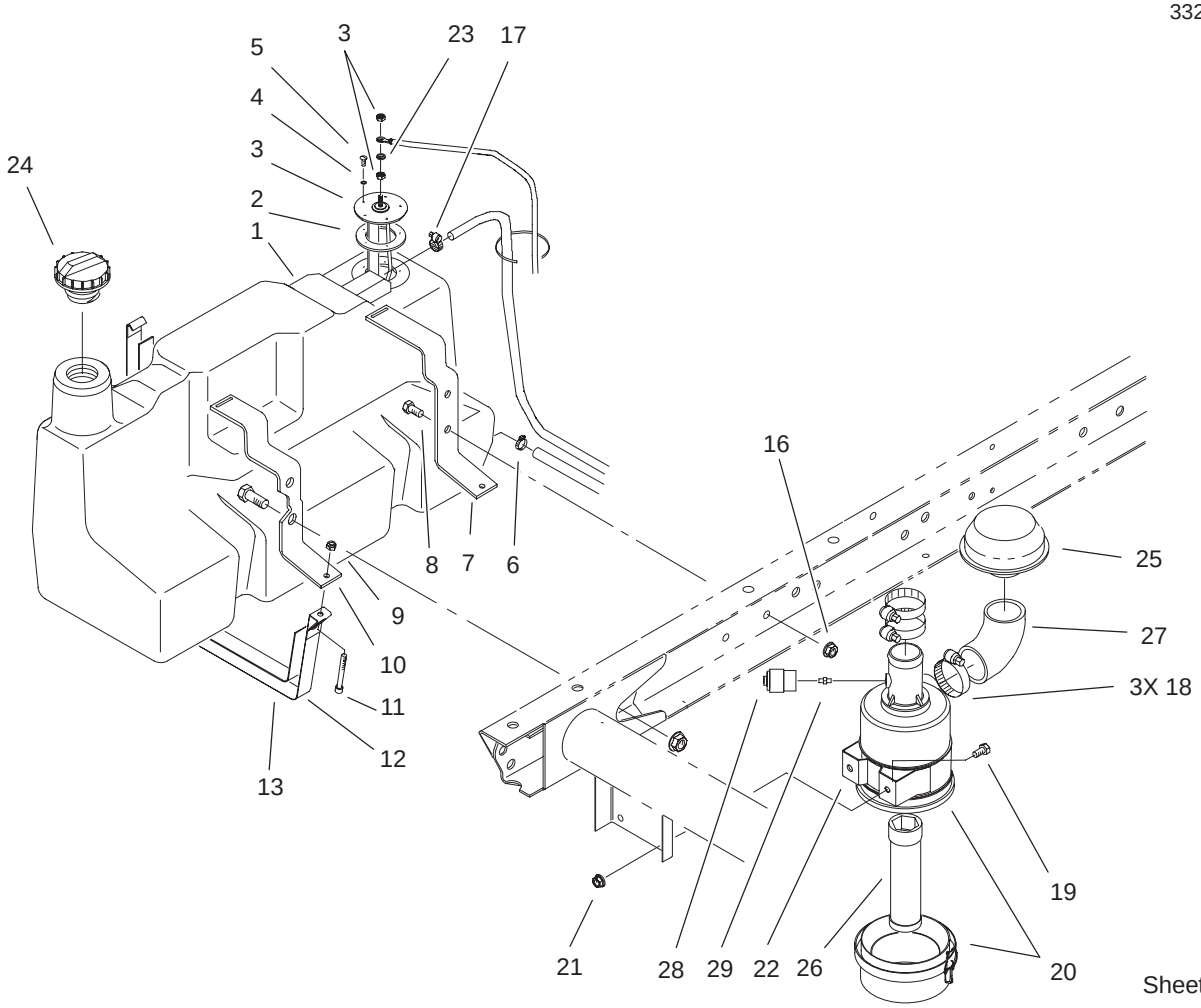


Sheet No.:22

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

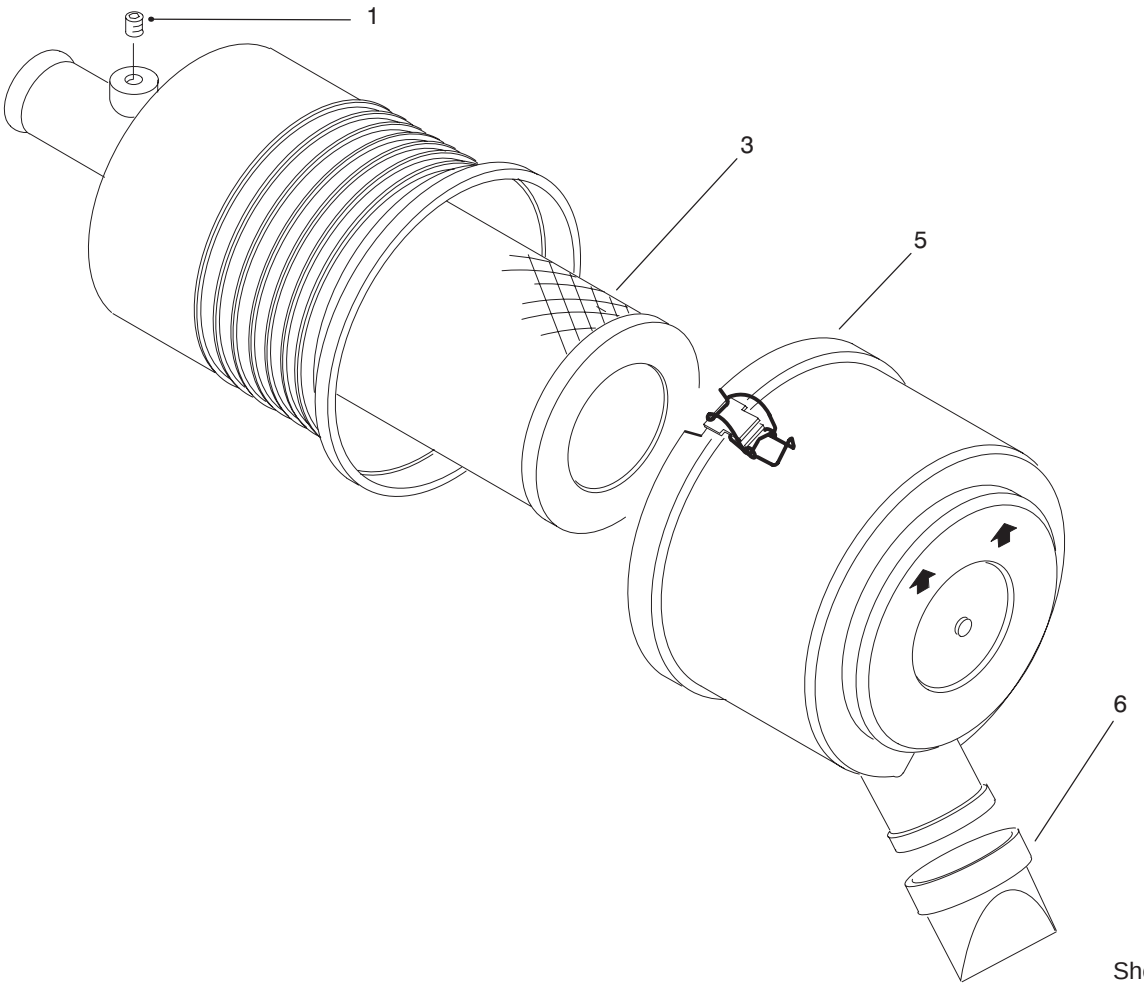


Sheet No.:23

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



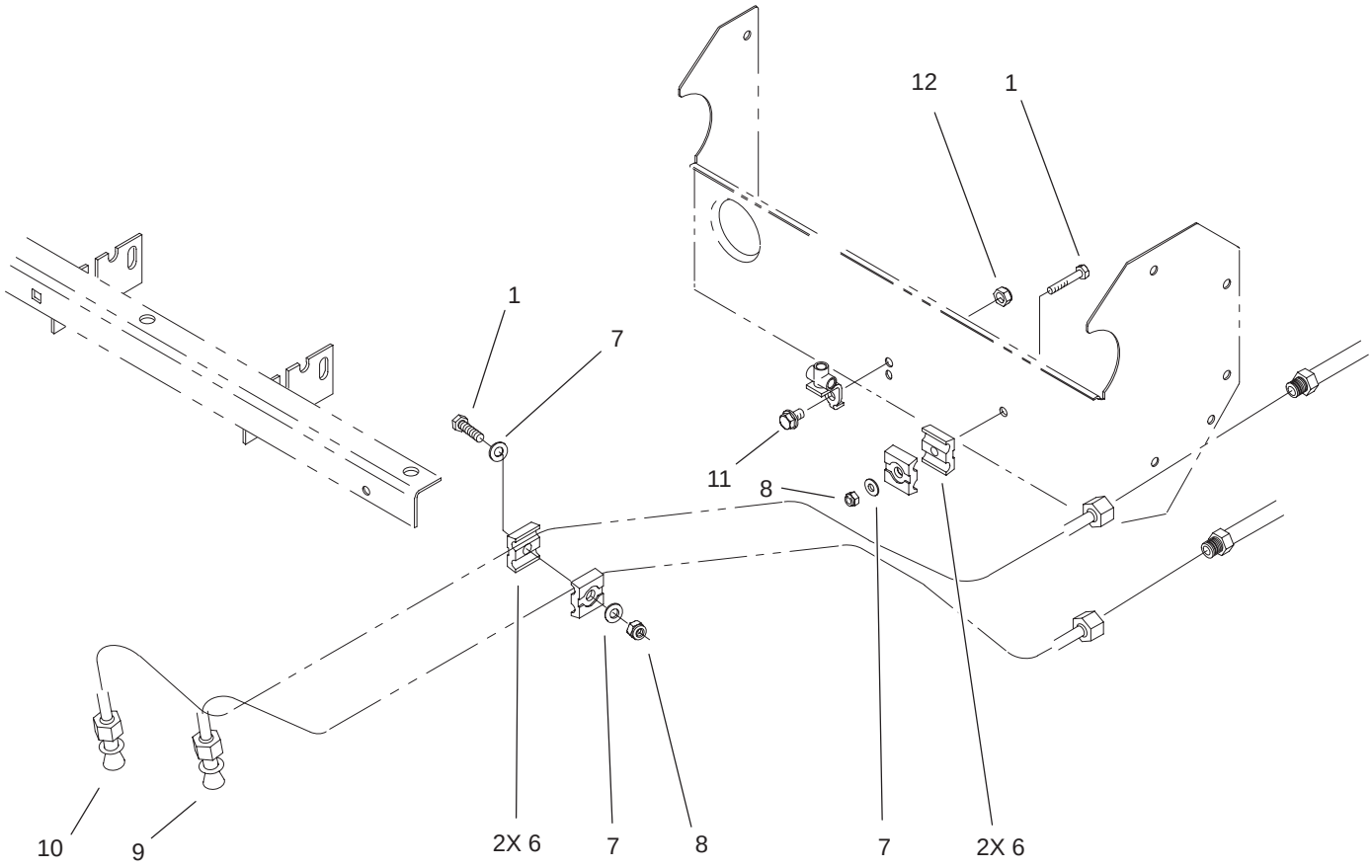
Sheet No.:A7

Air Cleaner Assembly No. 95–5805

Ref. No.	Part No.	Qty.	Description
1	285–17	1	Pipe Plug
3	93–2195	1	Filter
*4	98–2982	1	Filter – Safety Element
5	94–3652	1	Cover ASM
6	94–1414	1	Valve – Vacuator

Ref. No.	Part No.	Qty.	Description

* Not illustrated

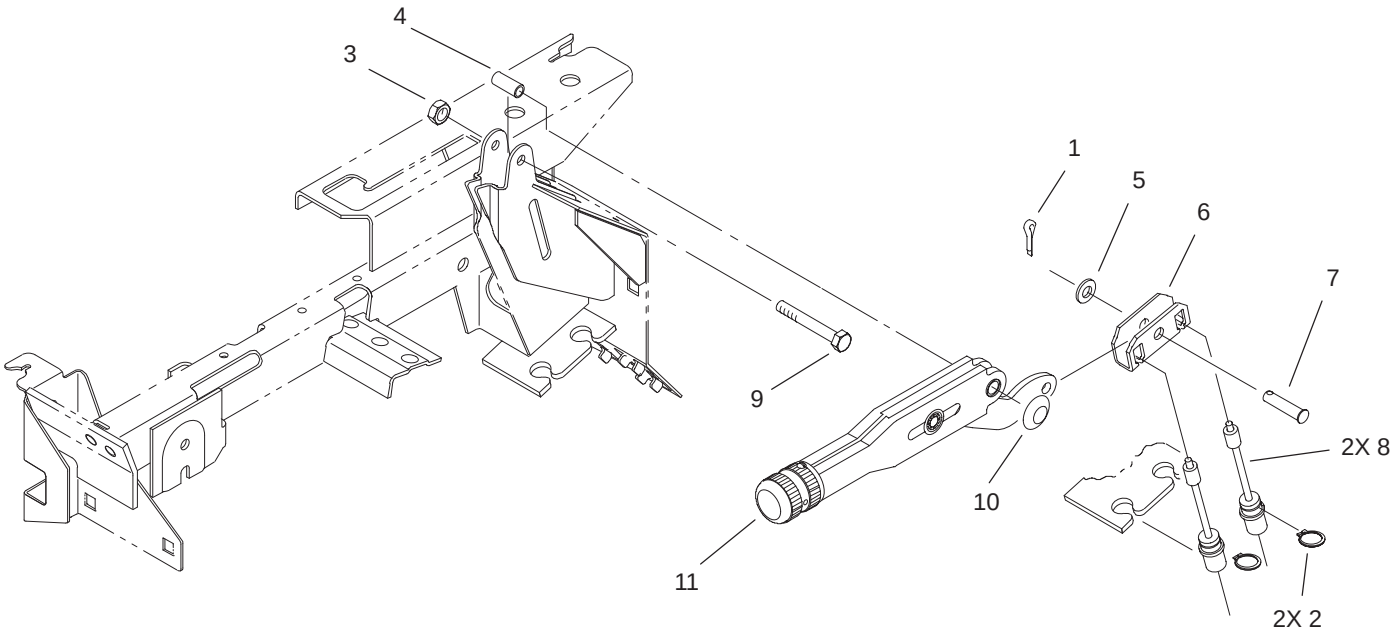


Sheet No.:24

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

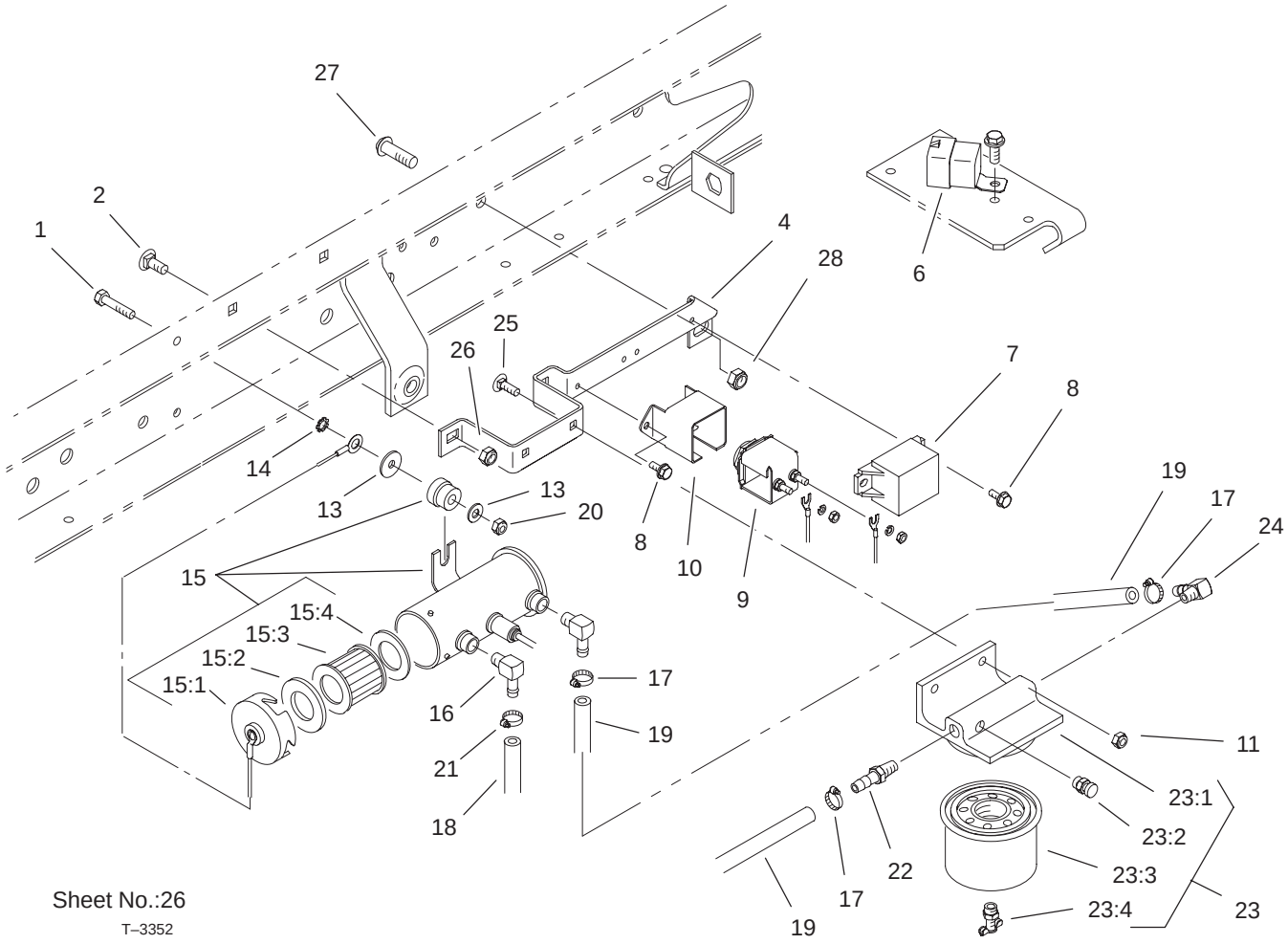


Sheet No.:25

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

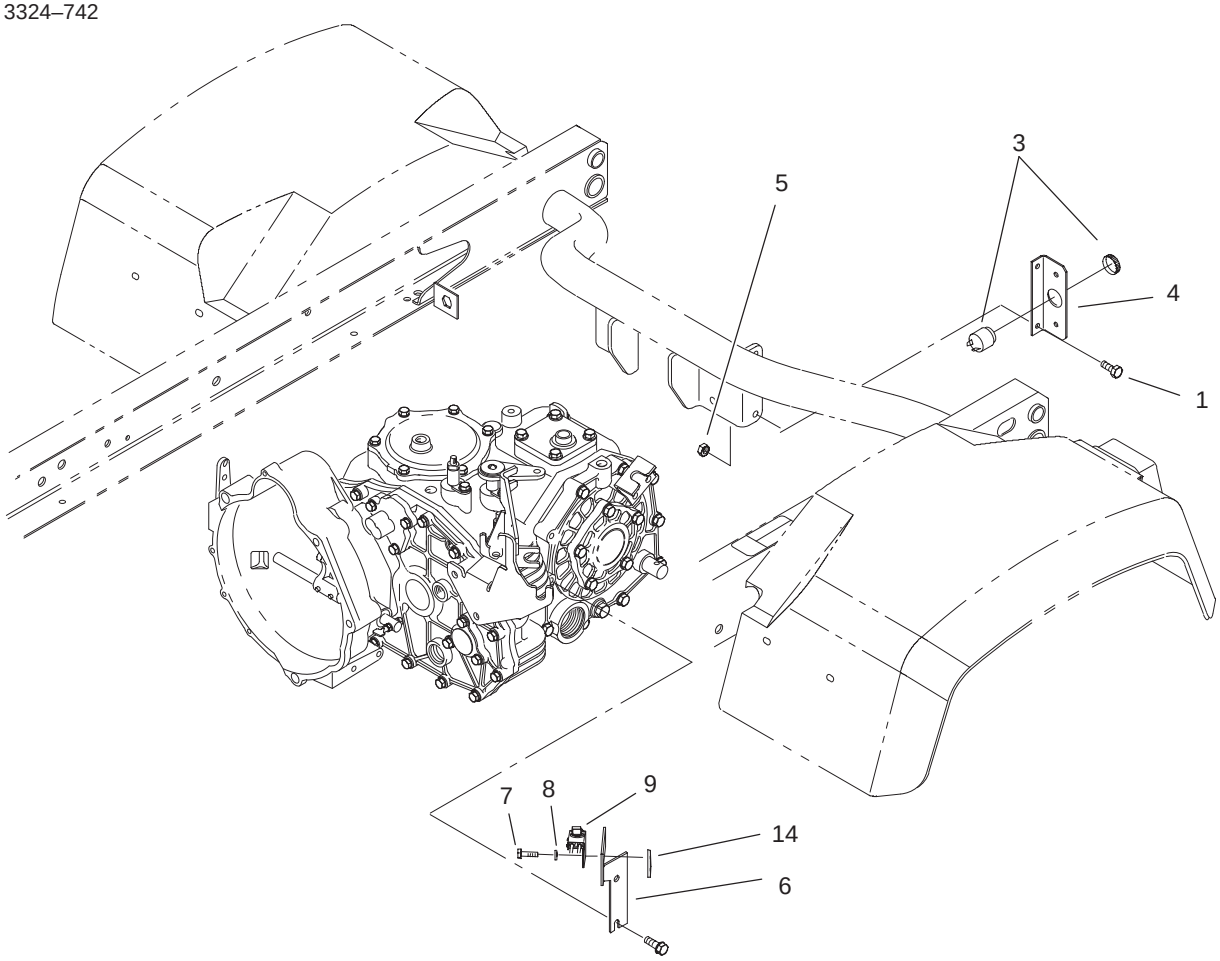
Ref. No.	Part No.	Qty.	Description



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

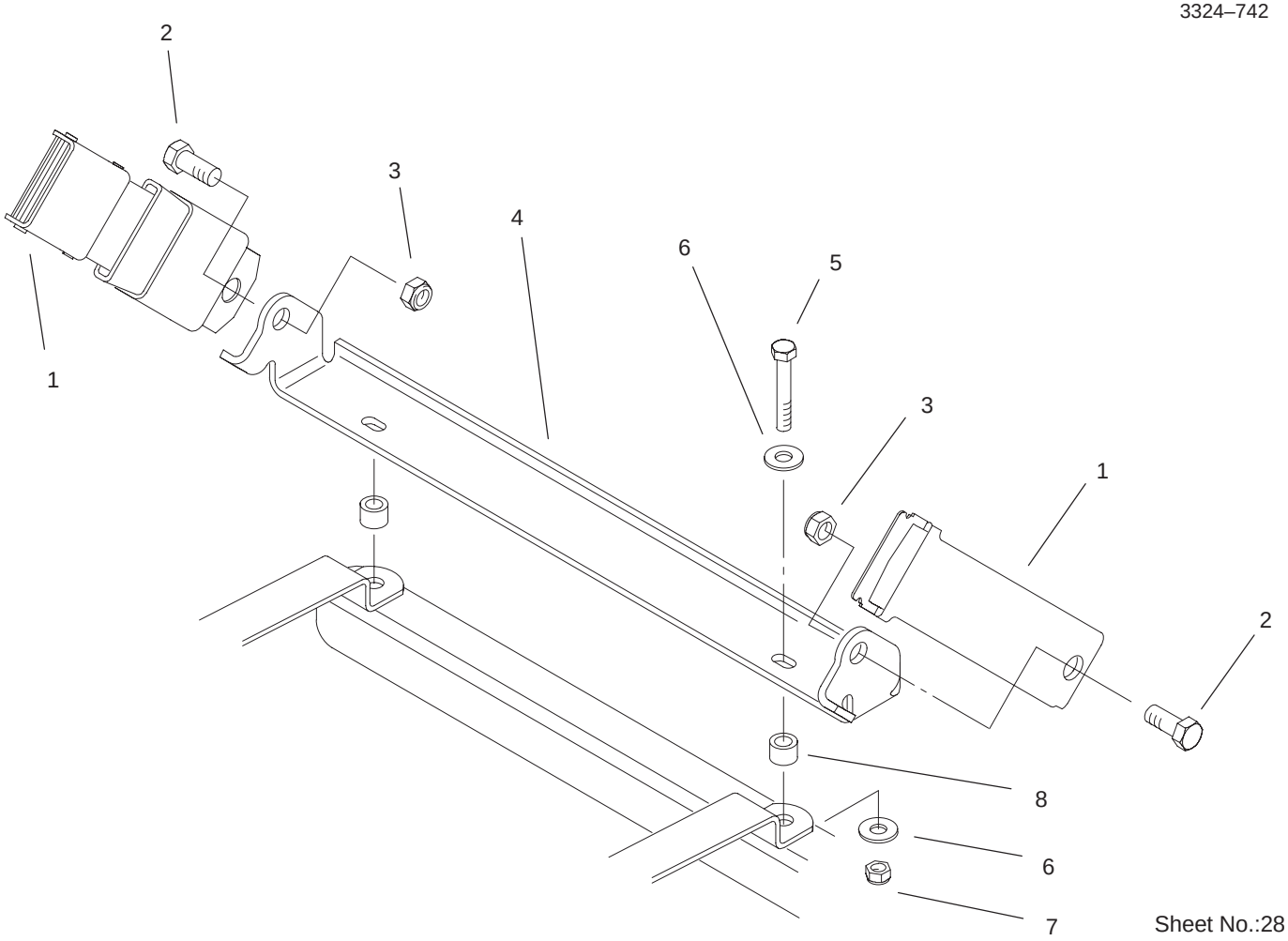


Sheet No.:27

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

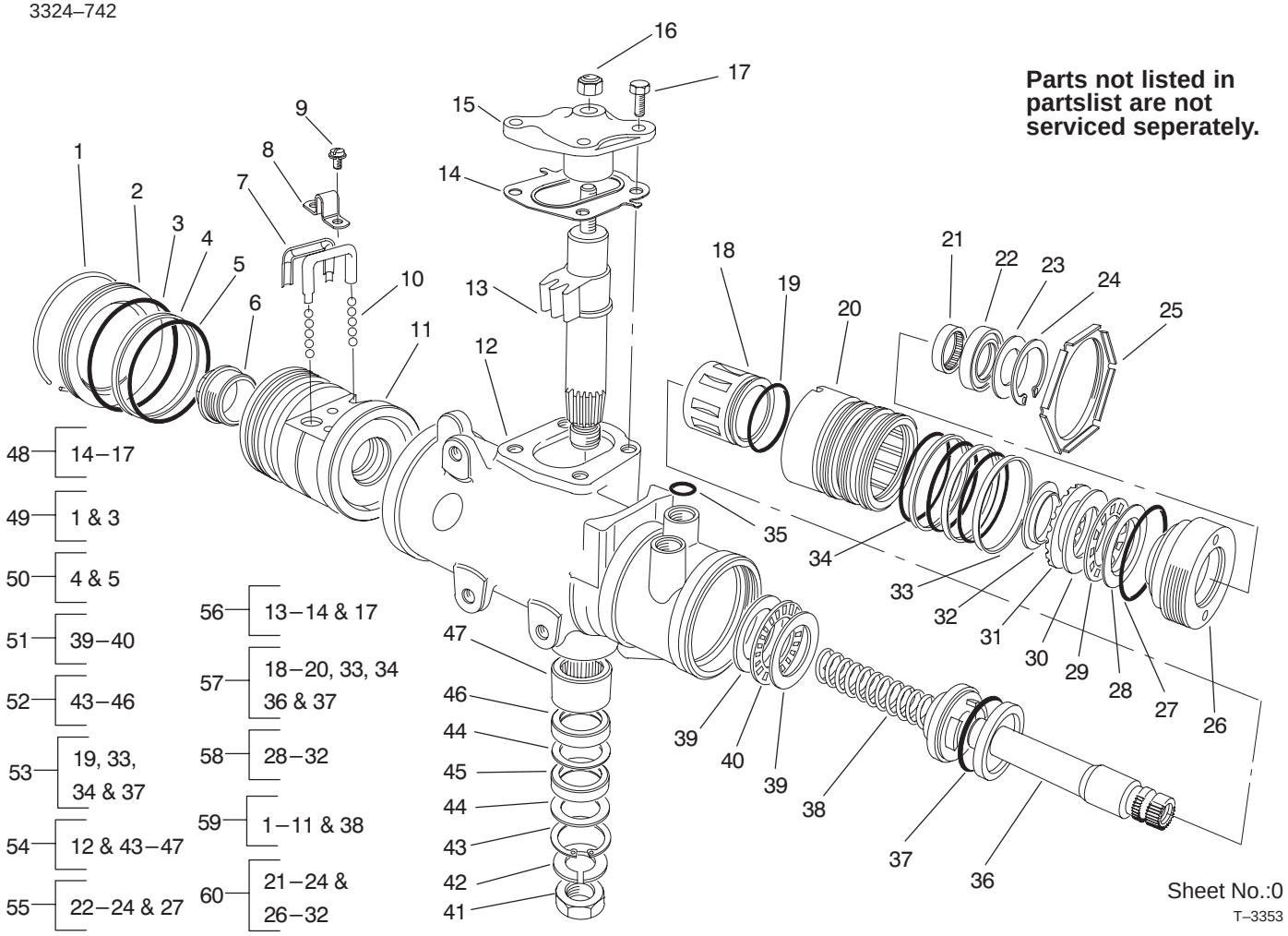


Sheet No.:28

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

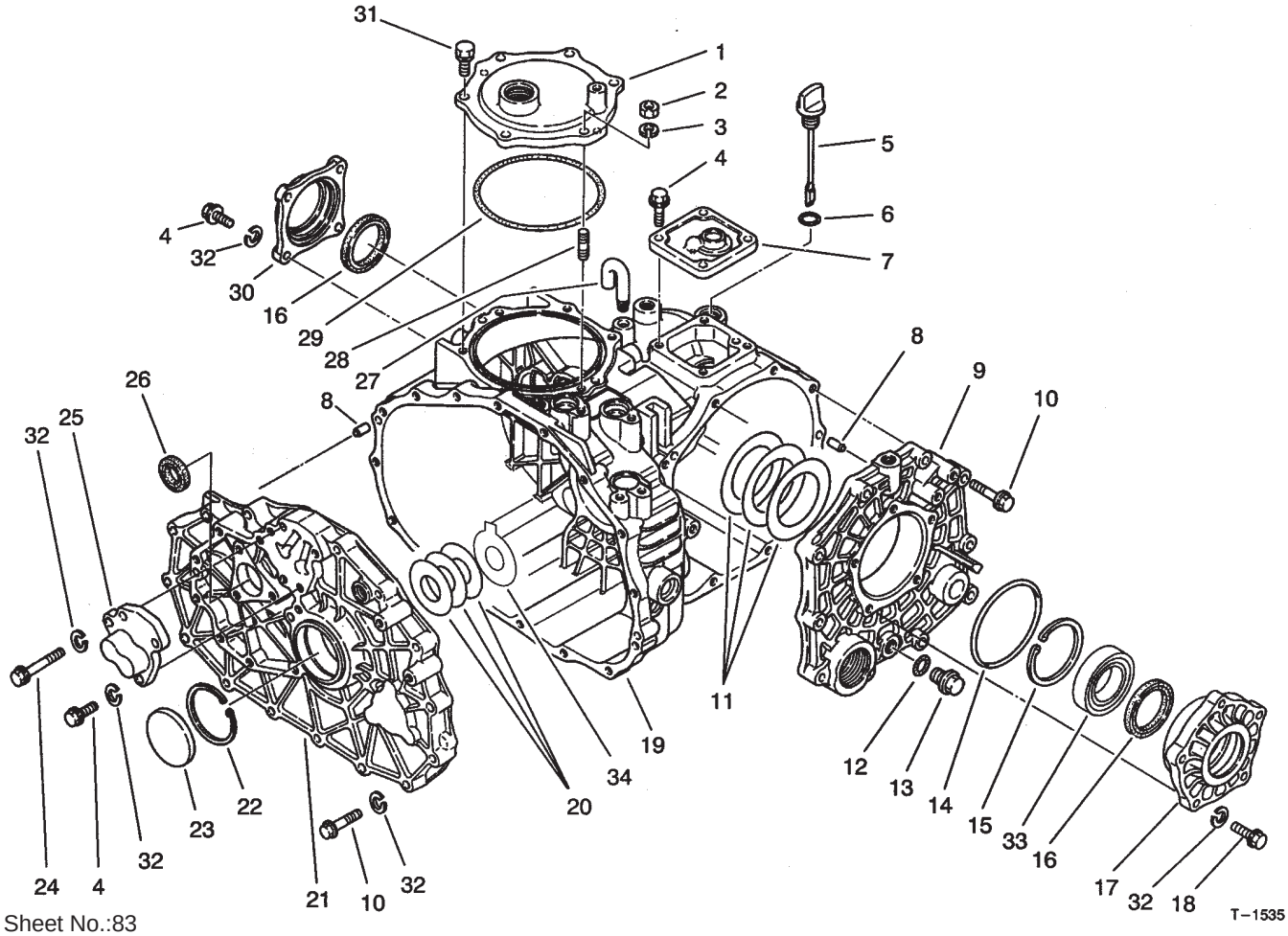
Ref. No.	Part No.	Qty.	Description



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

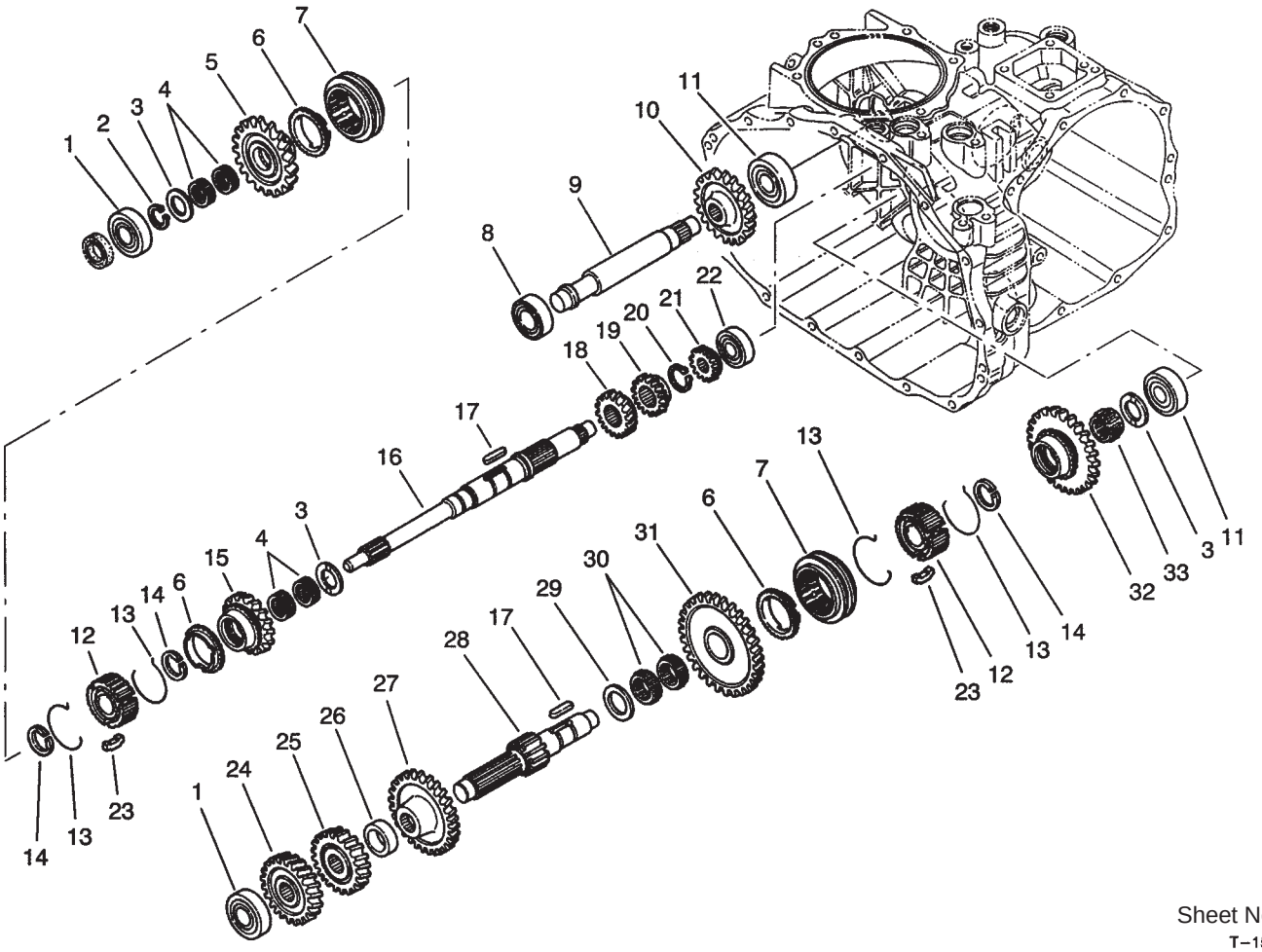


Sheet No.:83

Transaxle Case Assembly

Ref. No.	Part No.	Qty.	Description
1	92–0656	1	Cover–Upper, PTO
2	48–7930	1	Nut
3	92–0762	1	Washer–Spring
4	60–6750	11	Bolt
5	92–0662	1	Cap–Oil
6	92–0788	1	O–Ring
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

Ref. No.	Part No.	Qty.	Description
28	92–0804	1	Stud
29	92–0790	1	O–Ring
30	92–0655	1	Cover–Seal, Axle
31	92–0796	5	Bolt
32	42–9850	42	Washer–Lock, Spring
34	100–4465	1	Shim w/ Tab

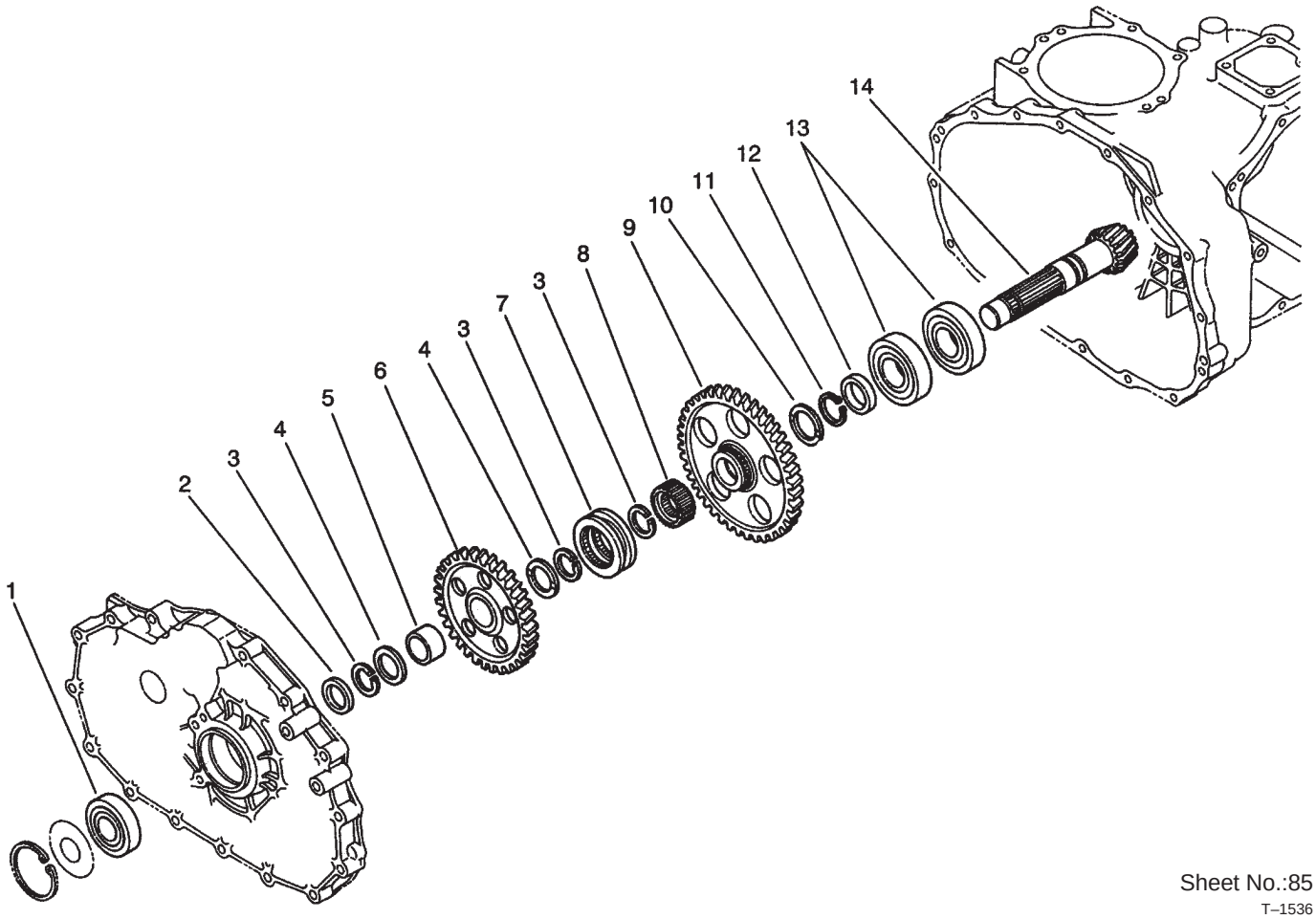


Sheet No.:84
T–1533

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

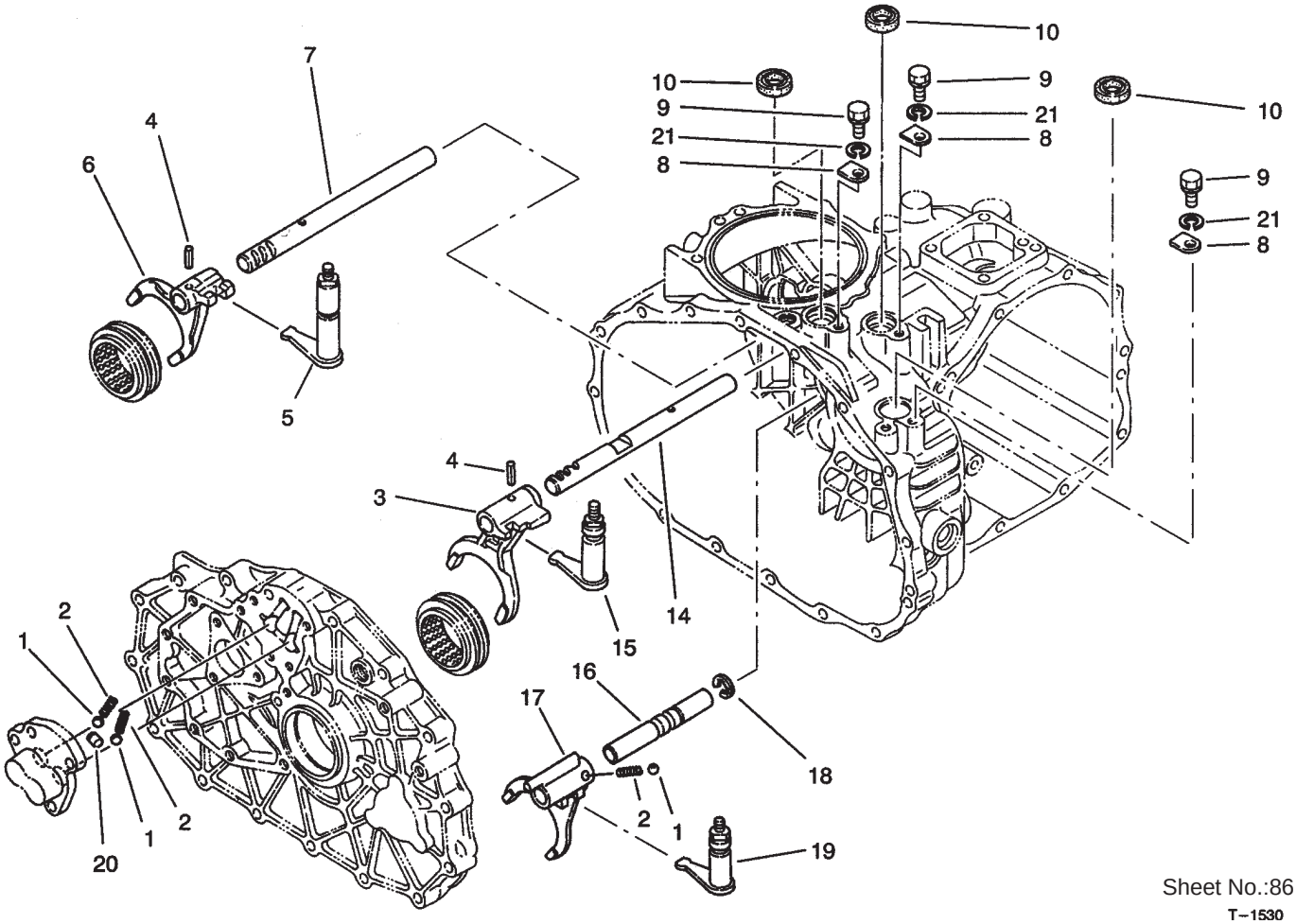


Sheet No.:85
T–1536

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

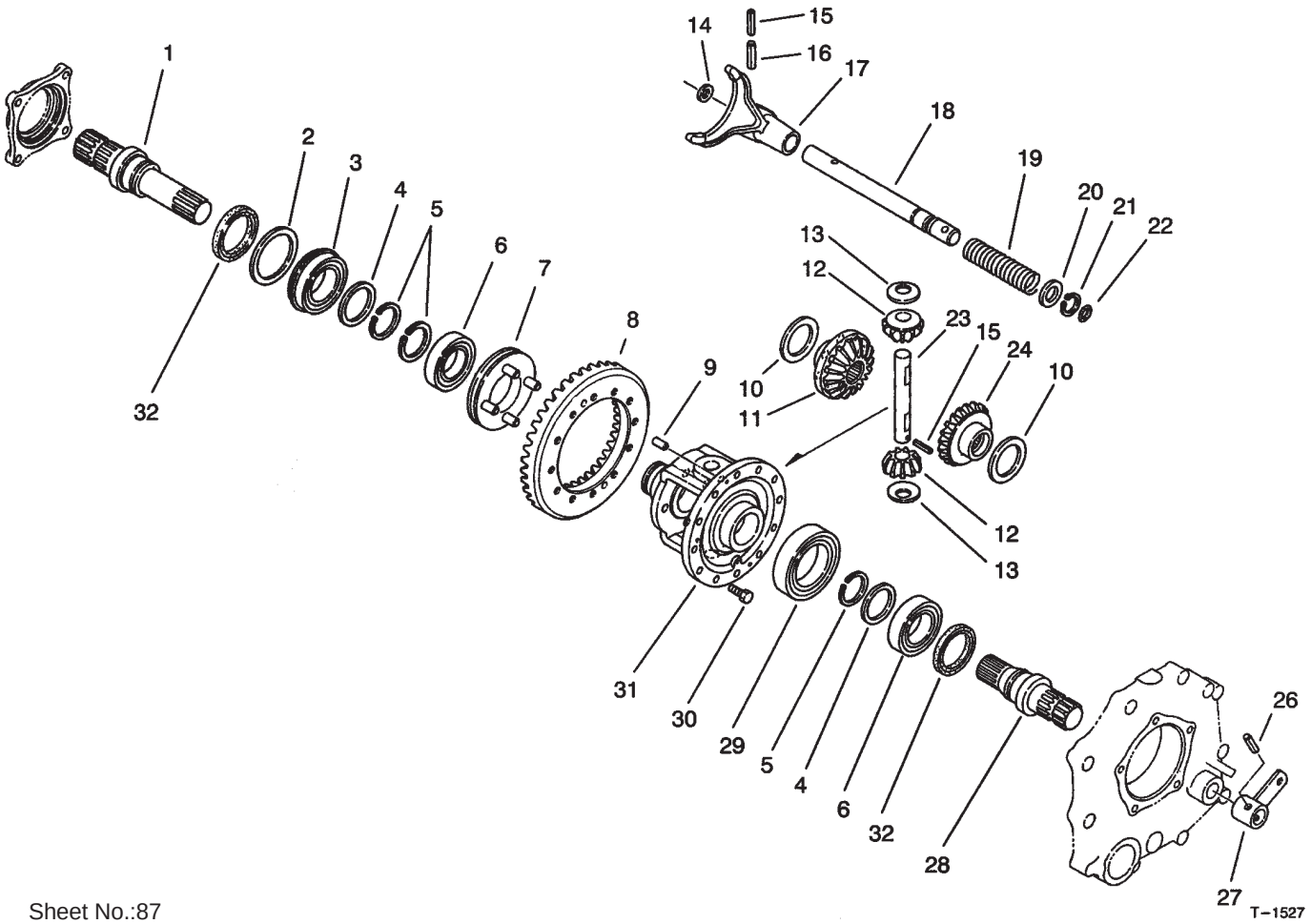


Sheet No.:86
T–1530

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

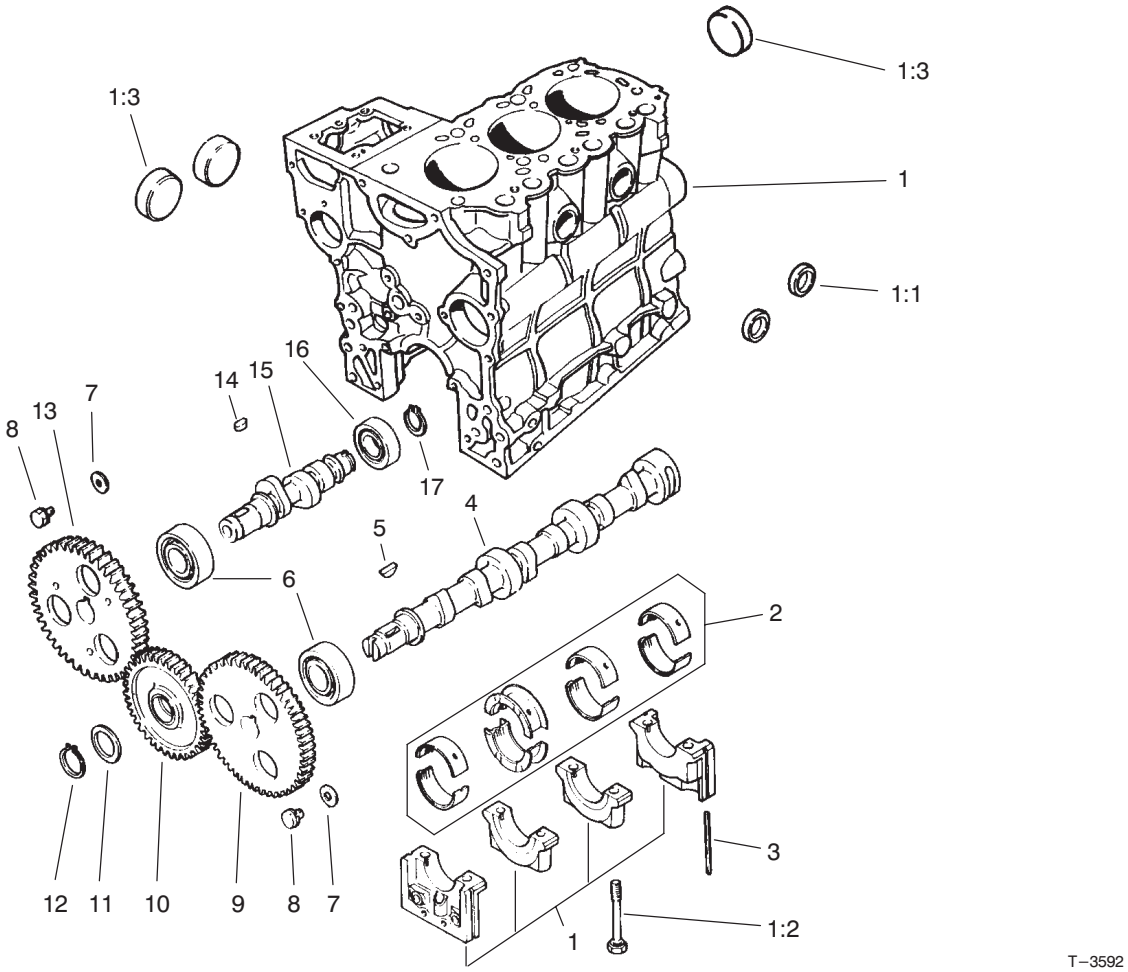


Sheet No.:87

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

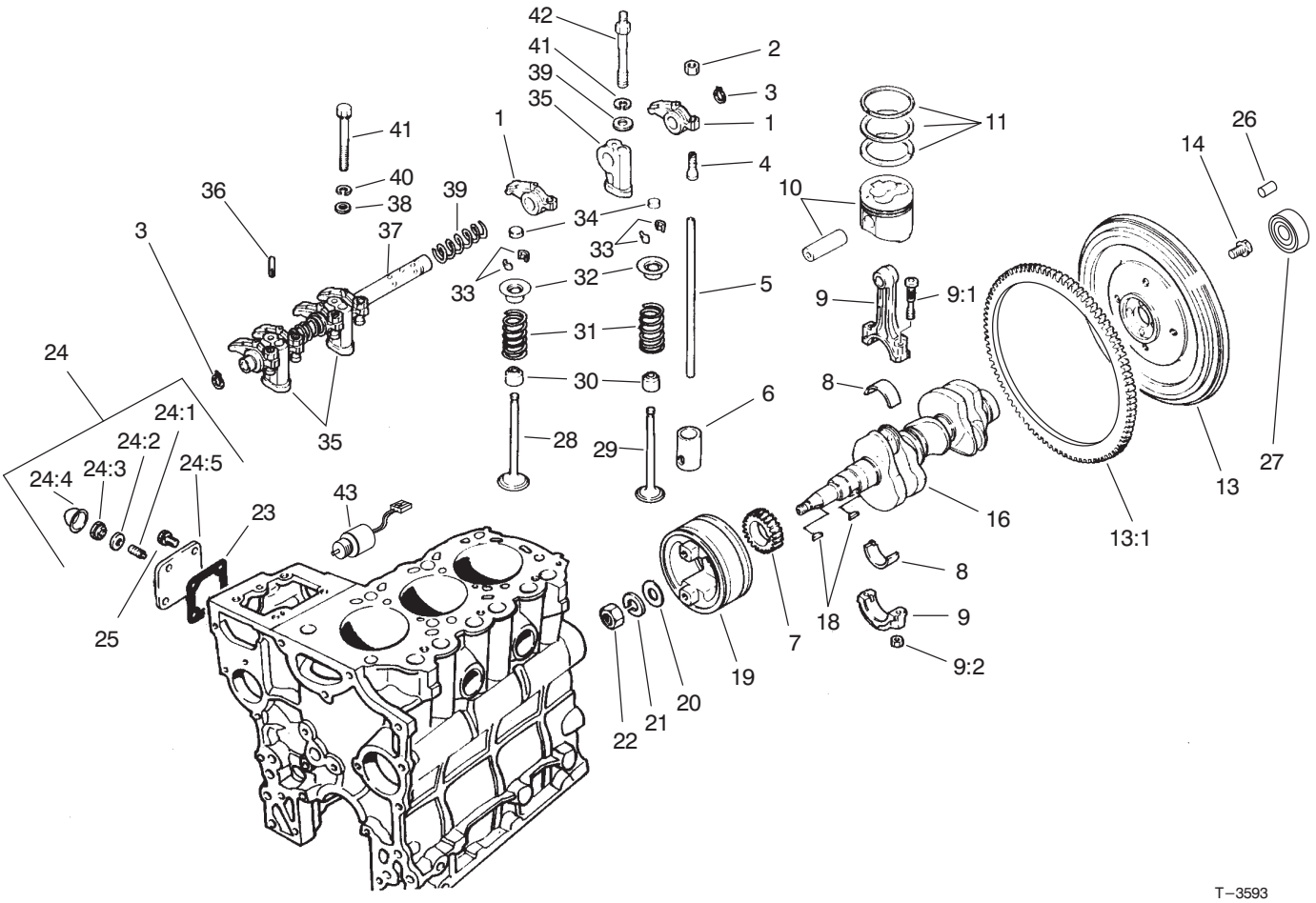


T–3592

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

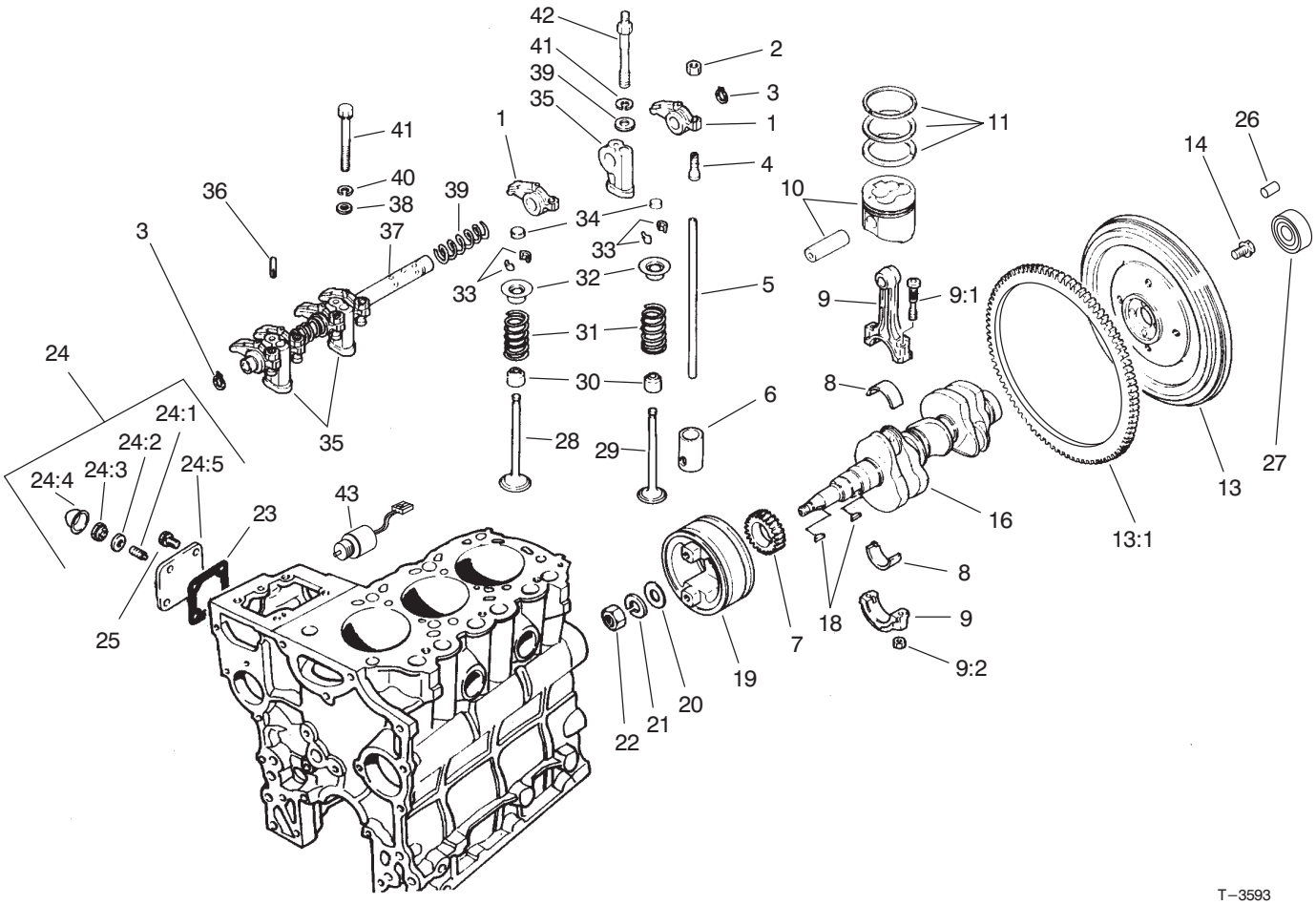


T–3593

Valves and Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	67–3160	6	Arm – Rocker
2	67–3230	6	Nut – Jam
3	67–3240	2	Ring – Retaining
4	67–3210	6	Screw – Adjusting
5	67–3150	6	Rod – Push
6	67–3120	6	Tappet
7	92–0835	1	Gear
8	75–5010	3	Bearing Set STD
*	67–2890	3	Bearing Set 0.25 US
*	67–2900	3	Bearing Set 0.50 US
9	67–2850	3	Connecting Rod Assembly
9:1	67–2860	6	Bolt
9:2	42–9590	6	Nut
10	93–8973	3	Piston & Pin Set STD
*	93–8975	3	Piston & Pin Set 0.25 OS
*	93–8976	3	Piston & Pin Set 0.50 OS
11	75–5050	3	Ring Set STD
*	75–5060	3	Ring Set 0.25 OS
*	75–5070	3	Ring Set 0.50 OS
13	92–0836	1	Flywheel Assembly
13:1	67–2980	1	Gear – Ring
14	67–2990	4	Bolt
16	92–0845	1	Crankshaft

Ref. No.	Part No.	Qty.	Description
18	56–0480	2	Key – Woodruff
19	70–8680	1	Pulley – Crankshaft
20	67–2950	1	Washer
21	67–2960	1	Washer – Lock
22	67–2940	1	Nut – Jam
23	67–4310	1	Gasket
24	75–5110	1	Cover Assembly
24:1	43–3160	1	Screw – Adjusting
24:2	75–5120	1	Gasket
24:3	43–5960	1	Nut – Special
24:4	43–2820	1	Cap – Sealing
24:5	67–4250	1	Cover
25	42–9440	4	Bolt W/Washer
26	51–5610	3	Pin – Dowel
27	92–1914	1	Bearing – Ball
28	67–3130	3	Valve – Intake
29	67–3140	3	Valve – Exhaust
30	42–7870	6	Seal
31	67–3110	6	Spring
32	67–3100	6	Retainer
33	42–7860	12	Lock
34	67–3180	6	Cap
35	67–3200	3	Stay – Rocker
36	67–3220	1	Pin
37	67–3190	1	Rocker Shaft Assembly
38	42–9660	4	Washer

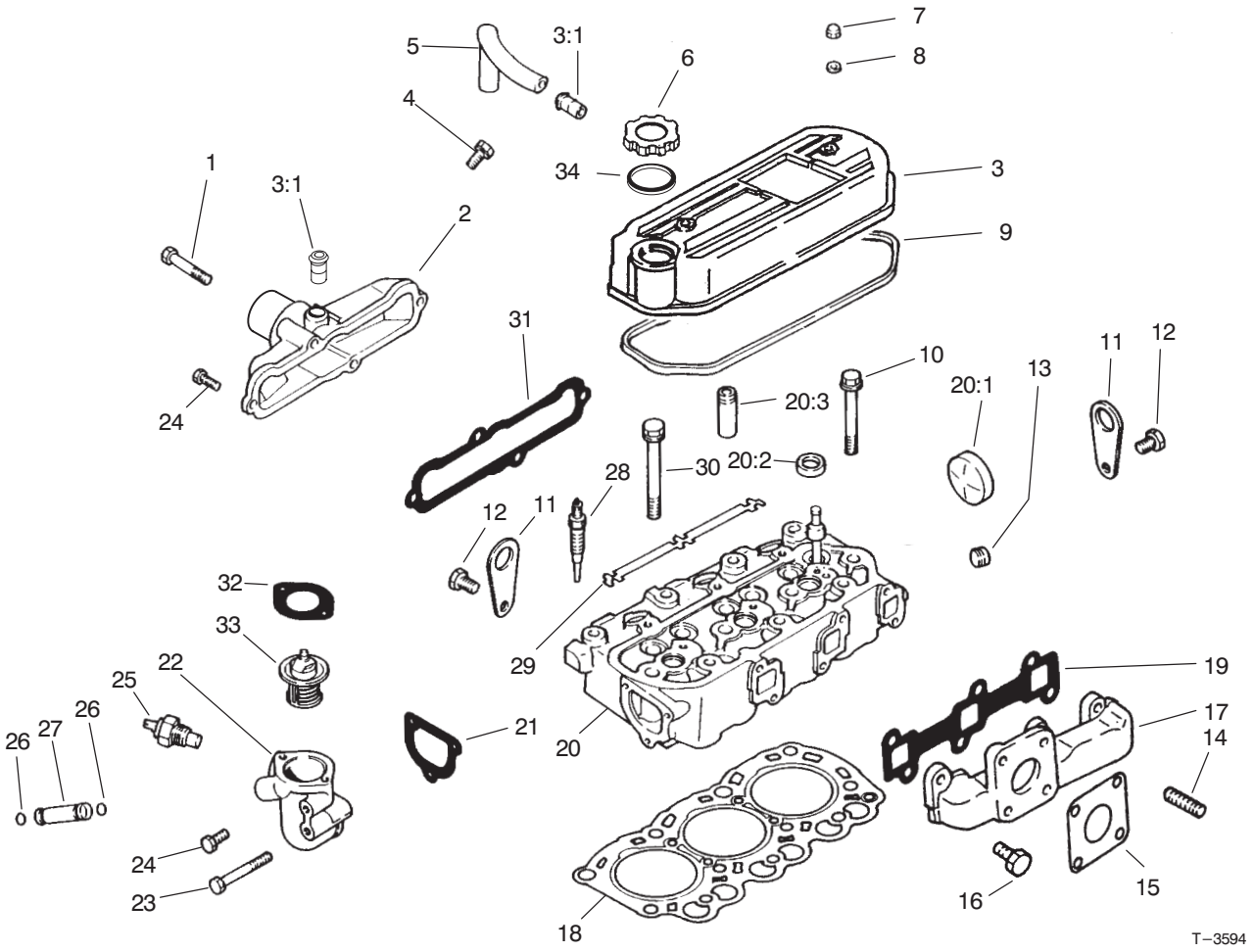


T–3593

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

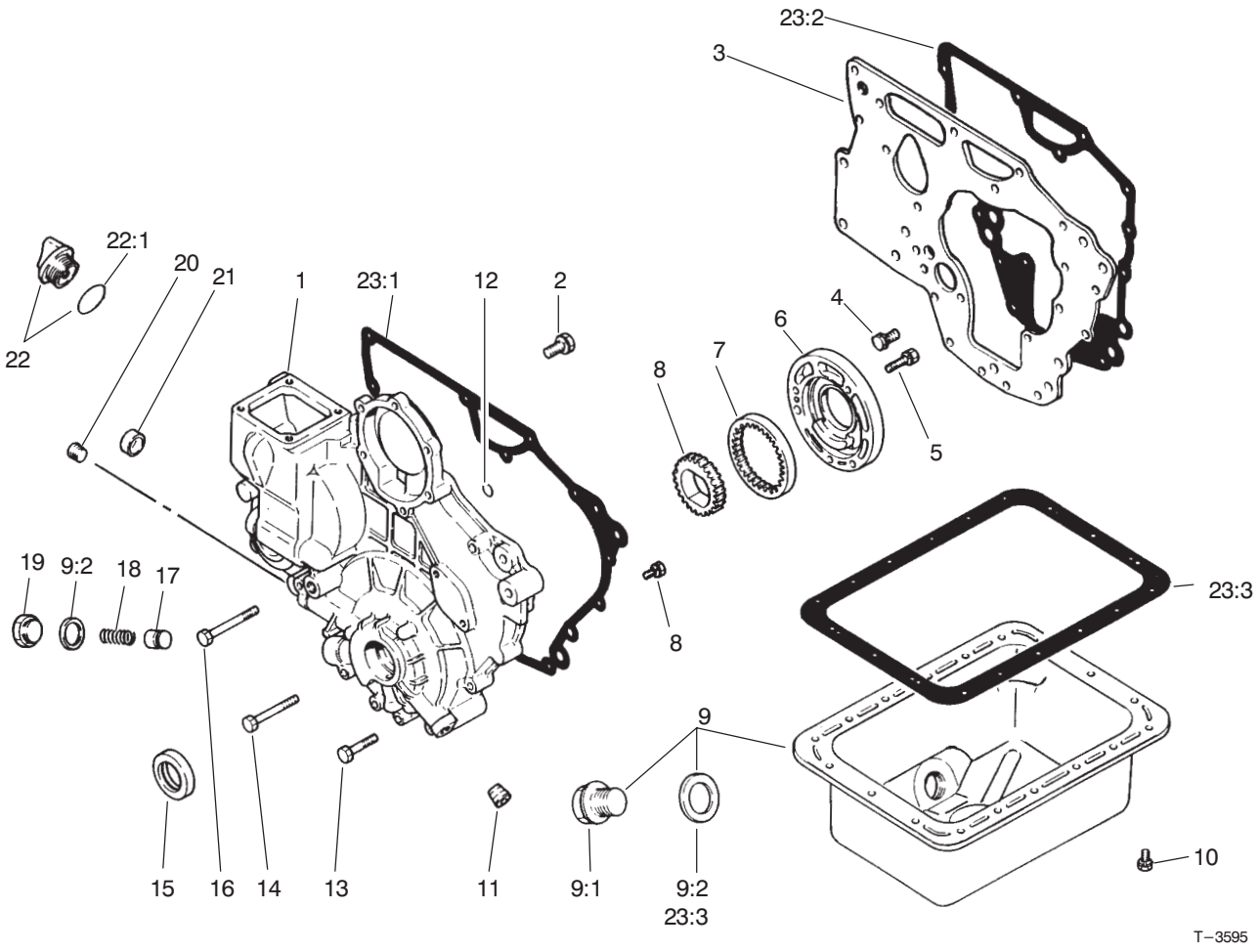
Ref. No.	Part No.	Qty.	Description



Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description
1	67–4400	2	Bolt
2	94–3533	1	Cover (Intake)
3	67–2750	1	Cover Assembly
3:1	42–7510	2	Pipe
4	42–9430	1	Bolt w/Washer
5	67–2670	1	Hose – Breather
6	67–2650	1	Cap – Oil Filler
7	67–2770	2	Nut – Cap
8	67–2780	2	Washer
9	67–2760	1	Gasket
10	67–2740	3	Bolt – Flange
11	67–2680	2	Hanger – Engine
12	67–2340	2	Bolt w/Washer
13	67–2570	1	Plug – Taper
14	42–9570	4	Stud
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

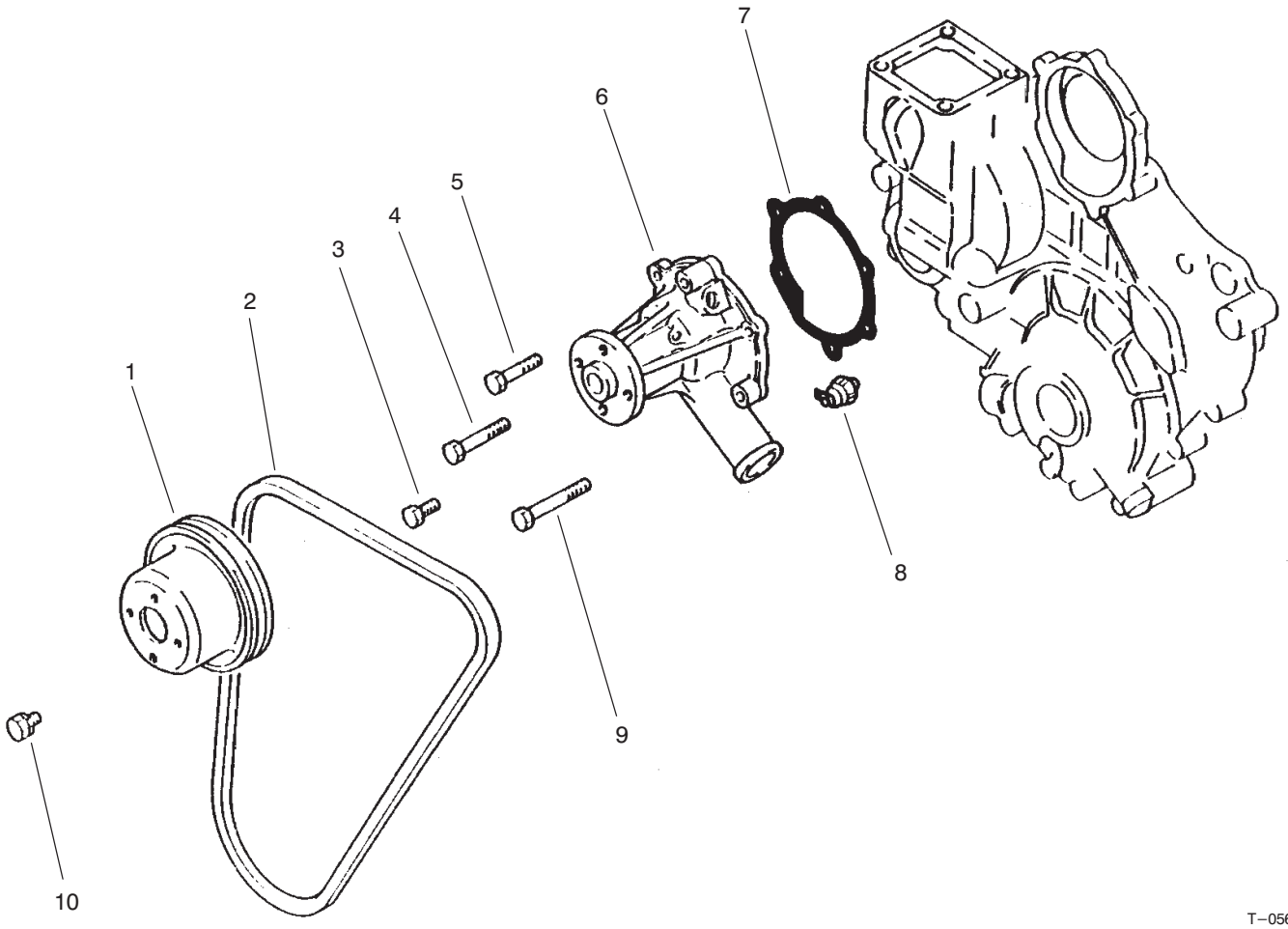
Ref. No.	Part No.	Qty.	Description
20:3	67–2700	6	Guide – Valve
21	67–4460	1	Gasket (Thermostat Fitting)
22	92–0837	1	Fitting – Thermostat
23	67–4470	1	Bolt
24	67–2330	4	Bolt
25	67–4510	1	Gauge Nut – Water Temp.
26	43–2710	2	O–Ring
27	67–4480	1	Pipe – By–Pass
28	92–0844	3	Plug – Glow
29	67–4690	1	Plate – Glow Plug
30	67–2730	8	Bolt
31	67–4550	1	Gasket – Intake Manifold
32	93–8974	1	Thermostat
33	67–4430	1	Gasket – Thermostat
34	67–2660	1	Seal – O–Ring



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

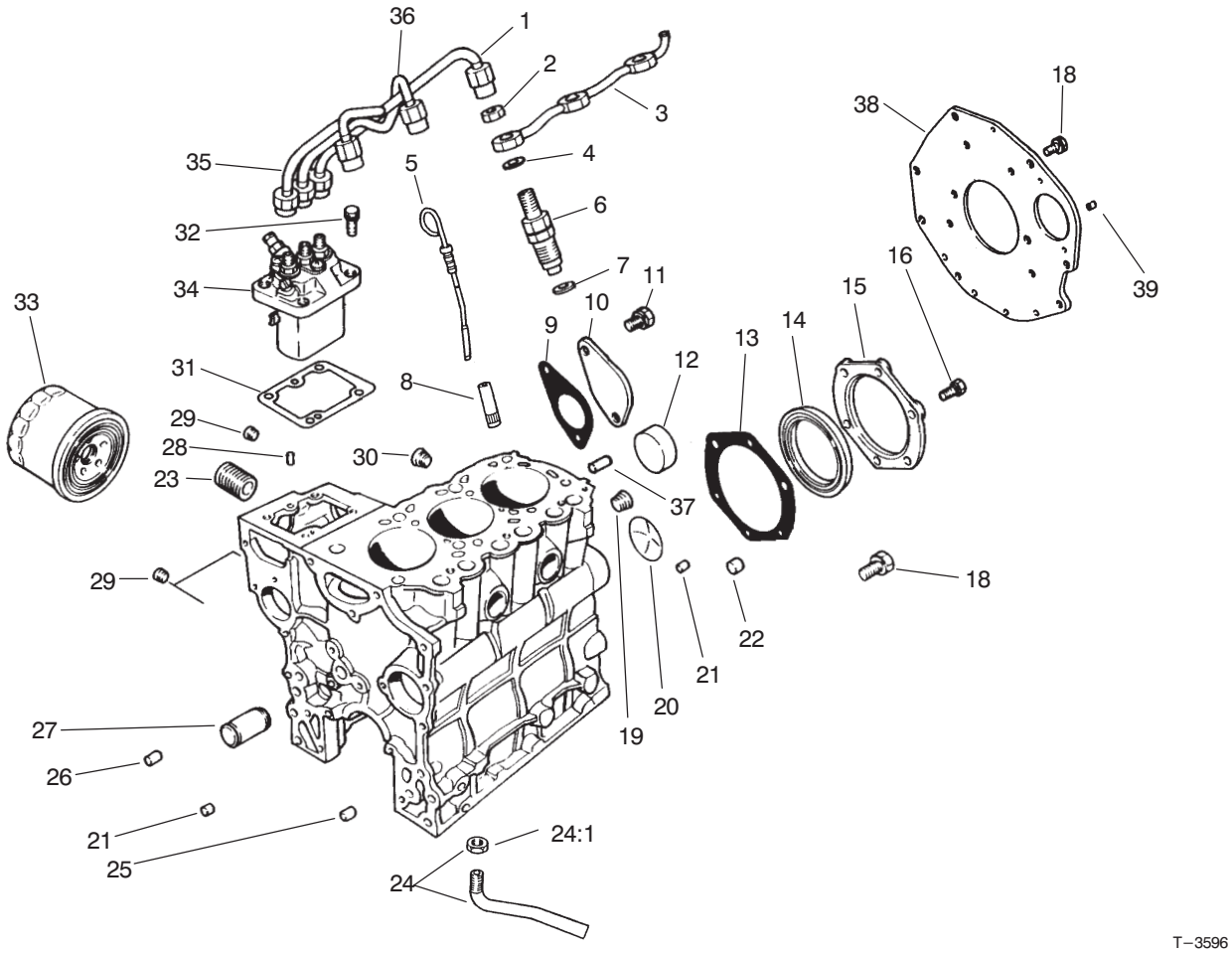


T–0568

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



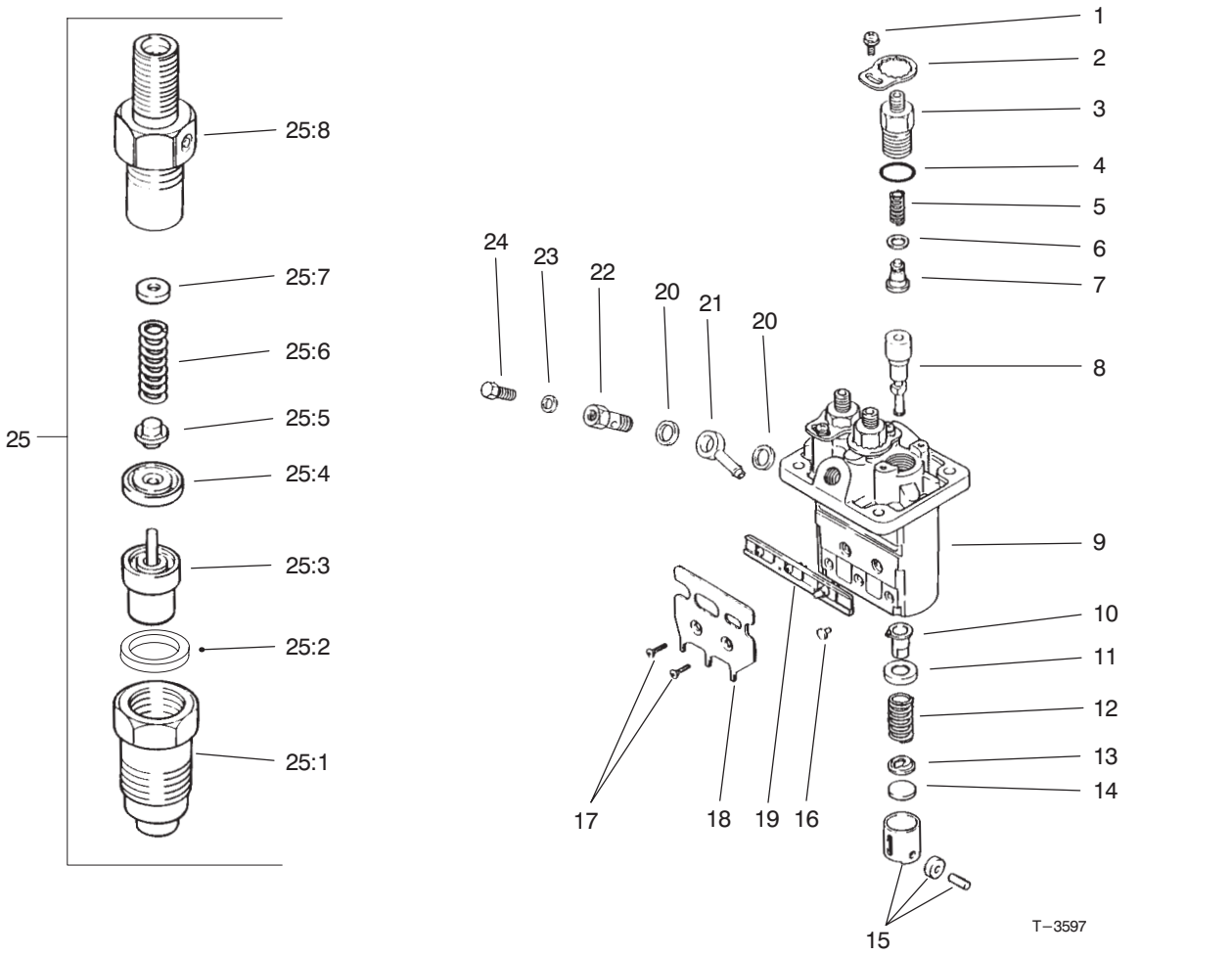
T–3596

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

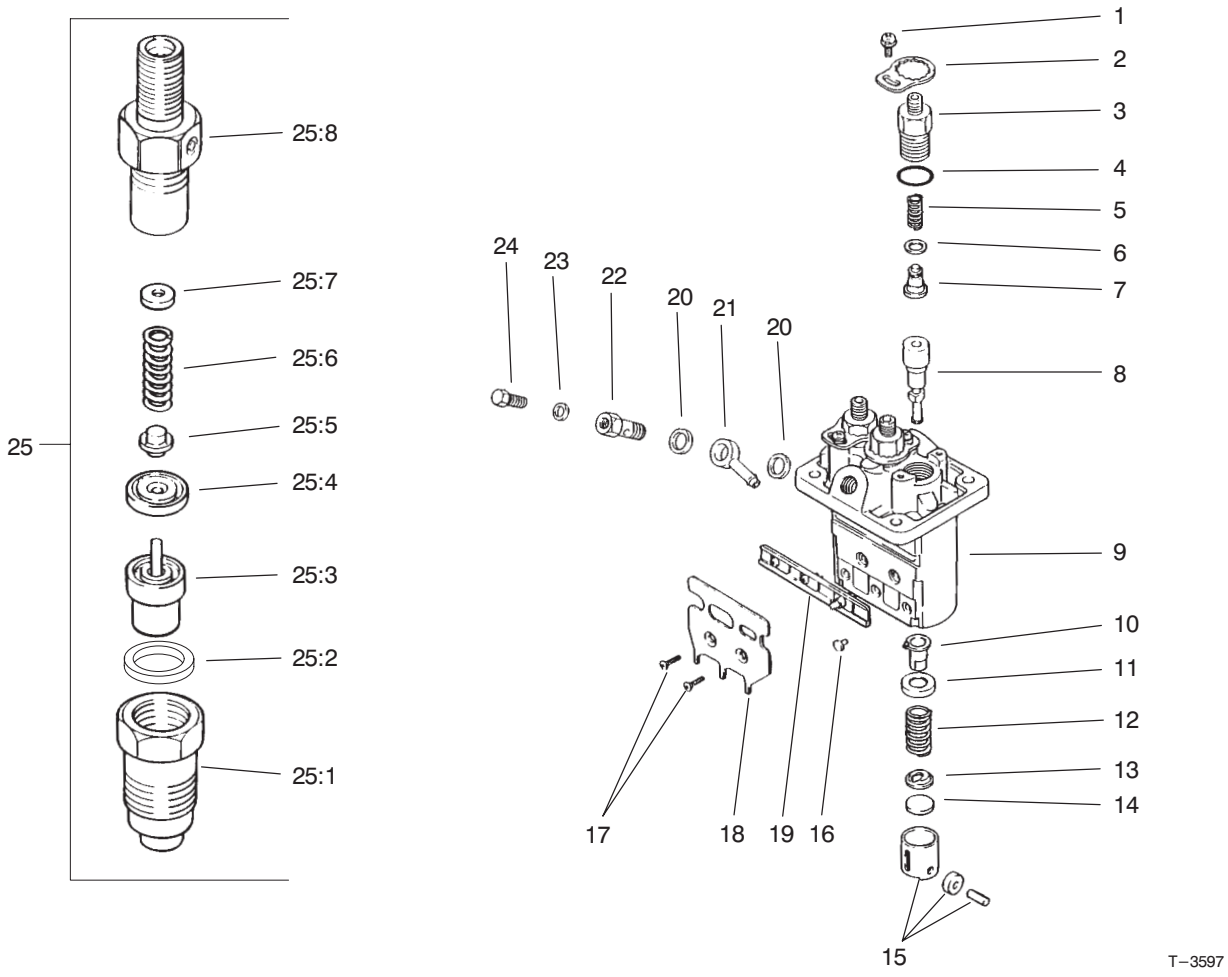


Fuel Injection Pump Assembly

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

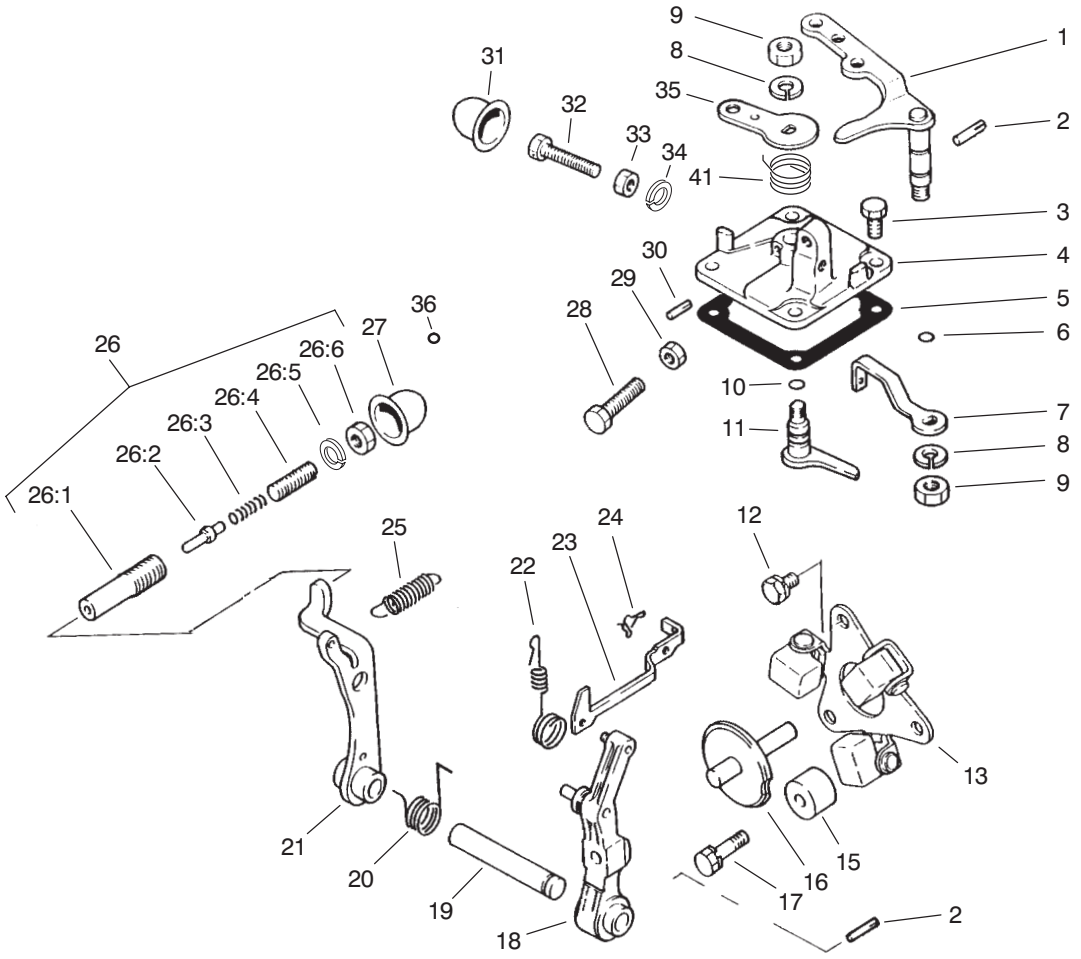


Fuel Injection Pump Assembly (Continued)

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

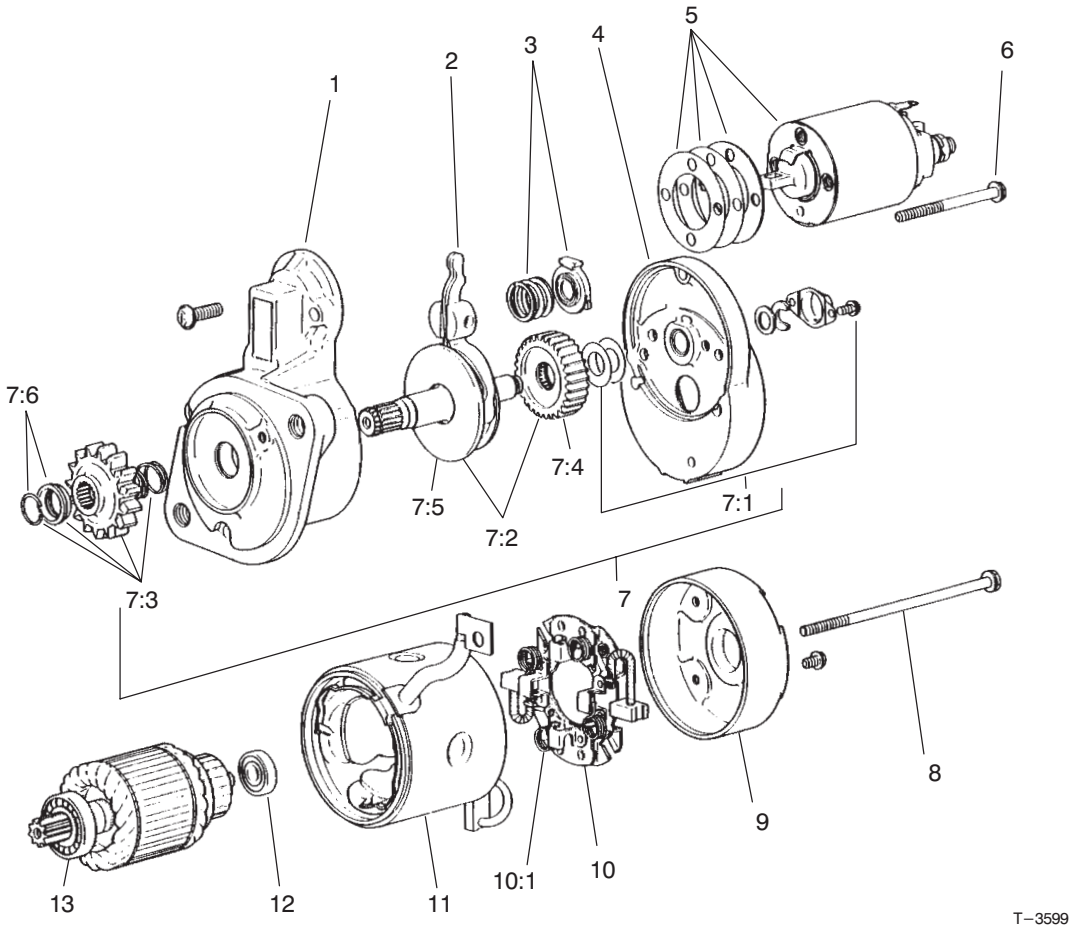


T–3598

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

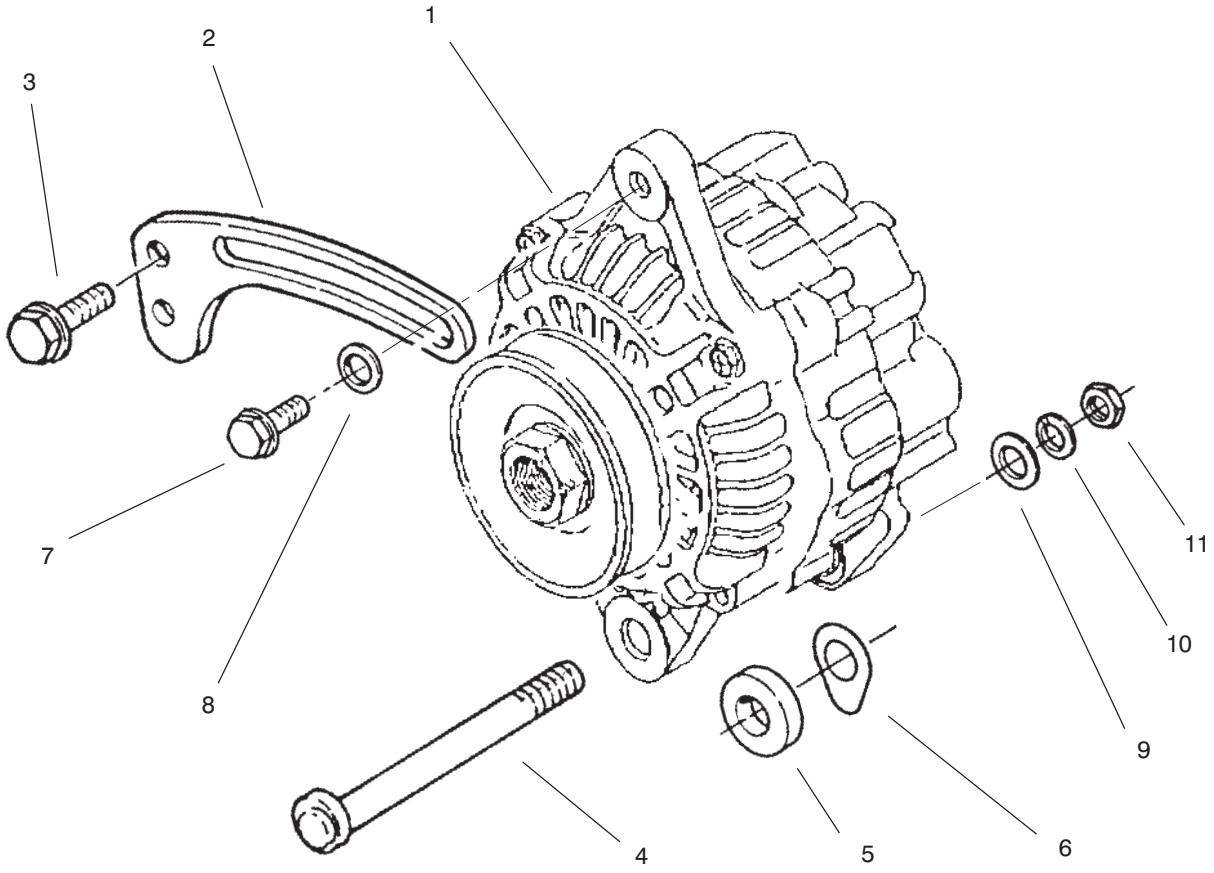
Ref. No.	Part No.	Qty.	Description
26:1	67–4210	1	Case – Torque Set
26:2	67–4230	1	Stopper – Torque Set
26:3	67–4190	1	Spring – Torque Set
26:4	67–4220	1	Screw – Adjusting
26:5	95–9602	1	C–Ring – Torque Set
26:6	67–4180	1	Nut – Torque Set
27	95–9603	1	Cover – Torque Set
28	42–9420	1	Bolt – Speed Set
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



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

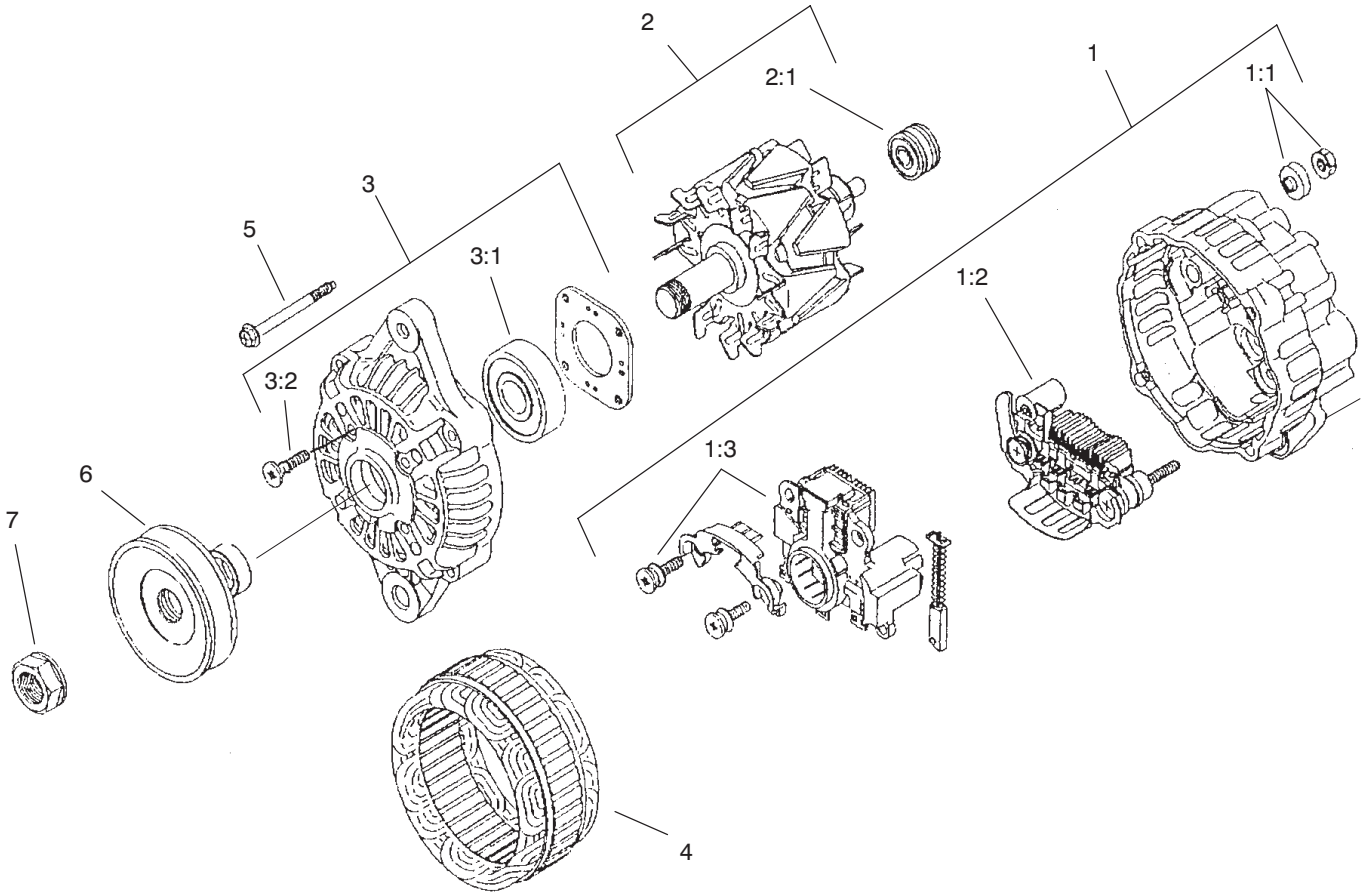


T–3600

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

Maintenance Record

Date								


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