Form No. 3326–622

Reelmaster® 2300–D/2600–D

Traction Unit

Model No. 03422—210000001 and Up

Model No. 03427—210000001 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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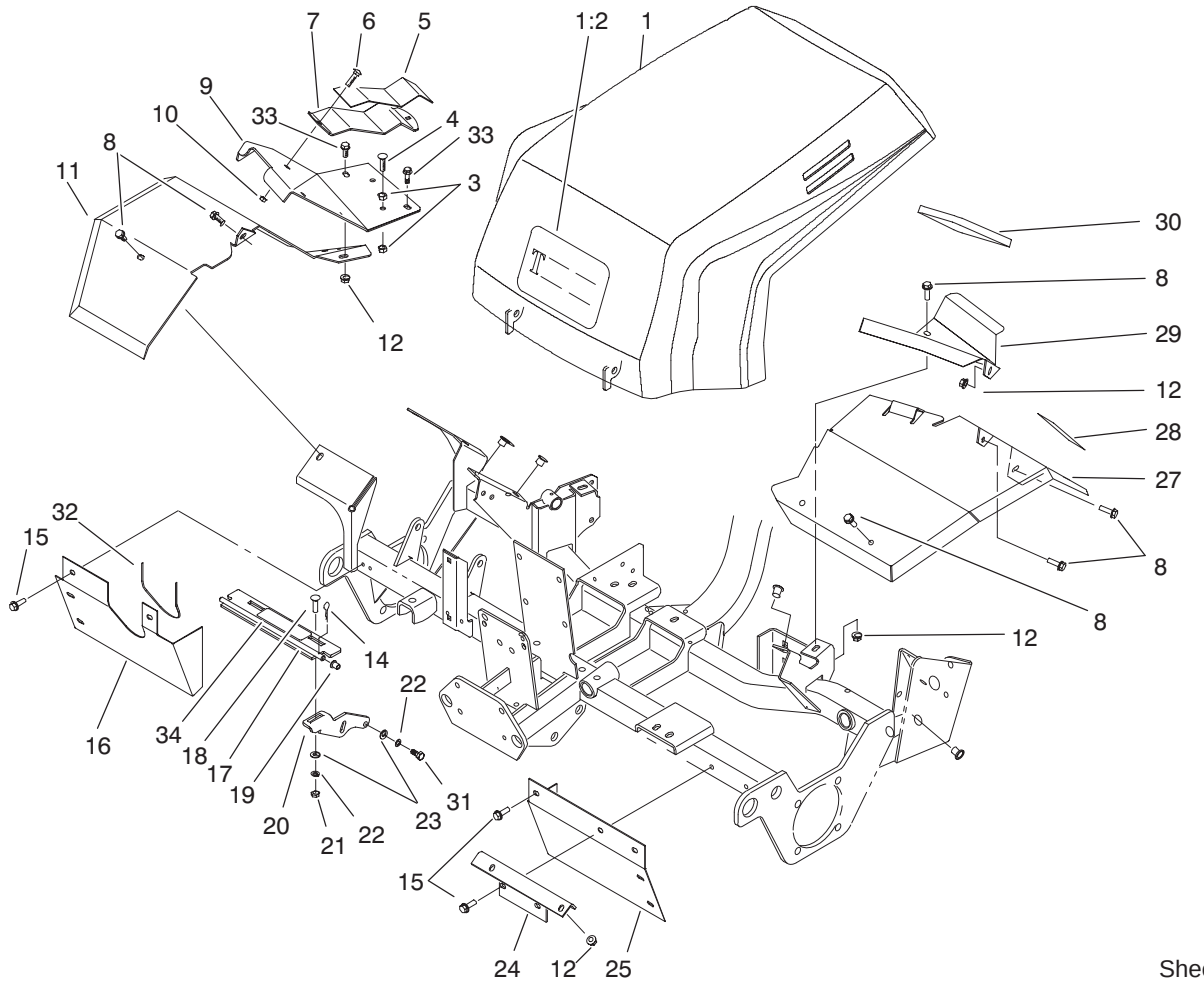
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Part Description Abbreviations

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
HYD	hydraulic
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
TTH	Torx truss head
WH	wing head

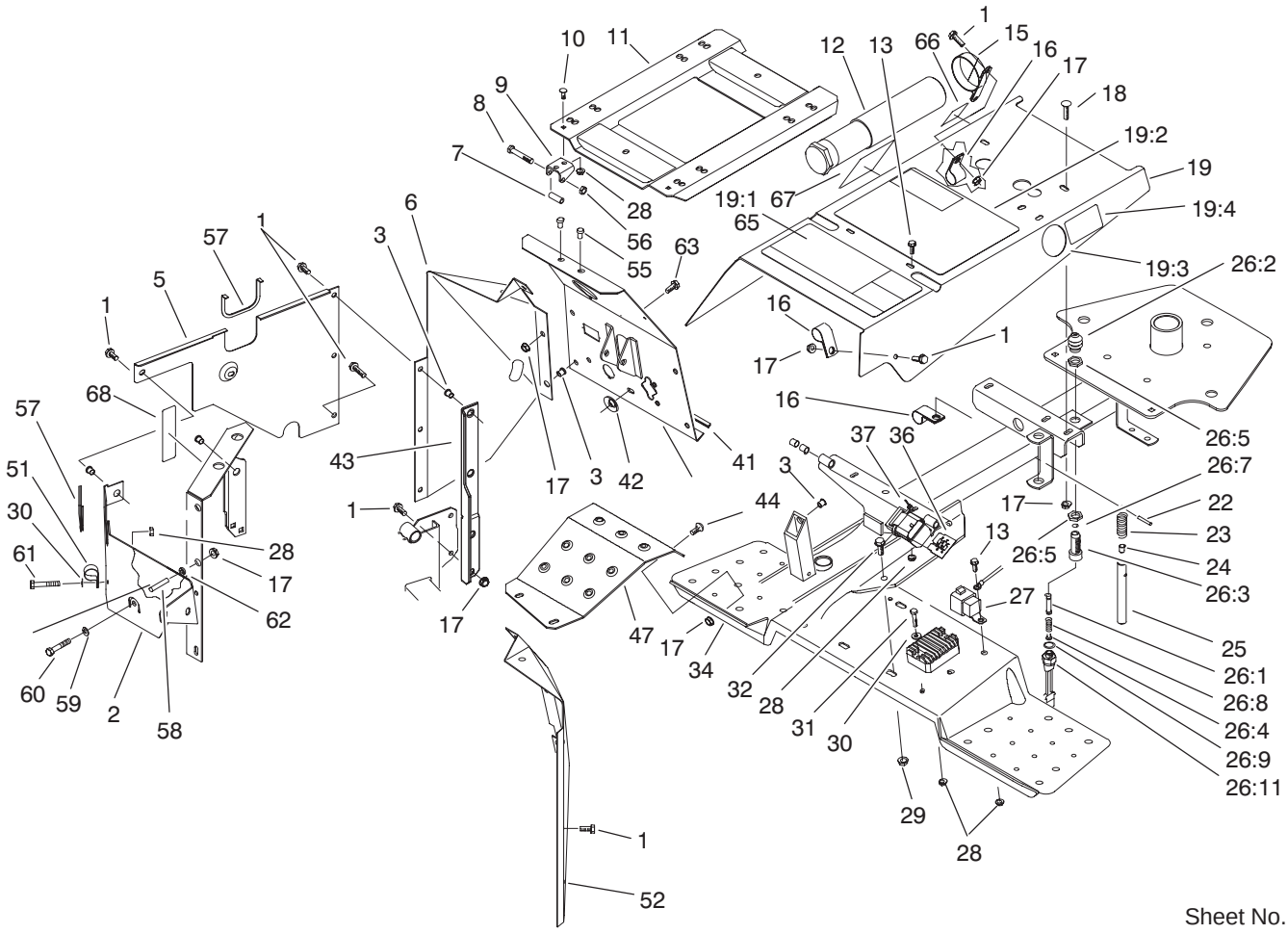


Sheet No.:2

Hood Assembly

Ref. No.	Part No.	Qty.	Description
1	94–3622	1	Hood ASM
1:2	62–7400	1	Decal–Toro
3	32128–20	2	Nut–HF
4	3230–27	1	Screw–CARR
5	76–2260	1	Pad–Footrest
6	3229–1	2	Screw–CARR
7	76–2200–03	1	Footrest–Pedal, Tract
8	3234–5	10	Screw
9	93–6779–03	1	Footrest–RH
10	32128–33	2	Nut–HF
11	93–6778–01	1	Fender–Right
12	32128–44	12	Nut
14	3290–467	1	Pin–Hair
15	32104–82	5	Screw–HHF
16	93–6858–01	1	Shield–Front, RH
17	93–6780–03	1	Hinge
18	3230–23	2	Screw–CARR
19	256–320	2	Bushing–Nylon
20	93–6742–03	2	Bracket–Hood, Pivot
21	3217–6	2	Nut–Hex
22	3253–4	6	Washer–Lock
23	3256–23	6	Washer–Flat
24	83–8510–01	1	Bracket–Fender, Left
25	83–9800–01	1	LH Front Grass Shield
27	93–6776–01	1	Fender–LH
28	93–7267	1	Decal–Brake

Ref. No.	Part No.	Qty.	Description
29	83–9710–03	1	Footrest–Pedal, Tract
30	83–9840	1	Pad–Foot
31	322–3	4	Screw–HH
32	93–6927	1	Trim–Lok
33	3234–17	4	Screw–HHF
34	94–5056	1	Decal–Instructions

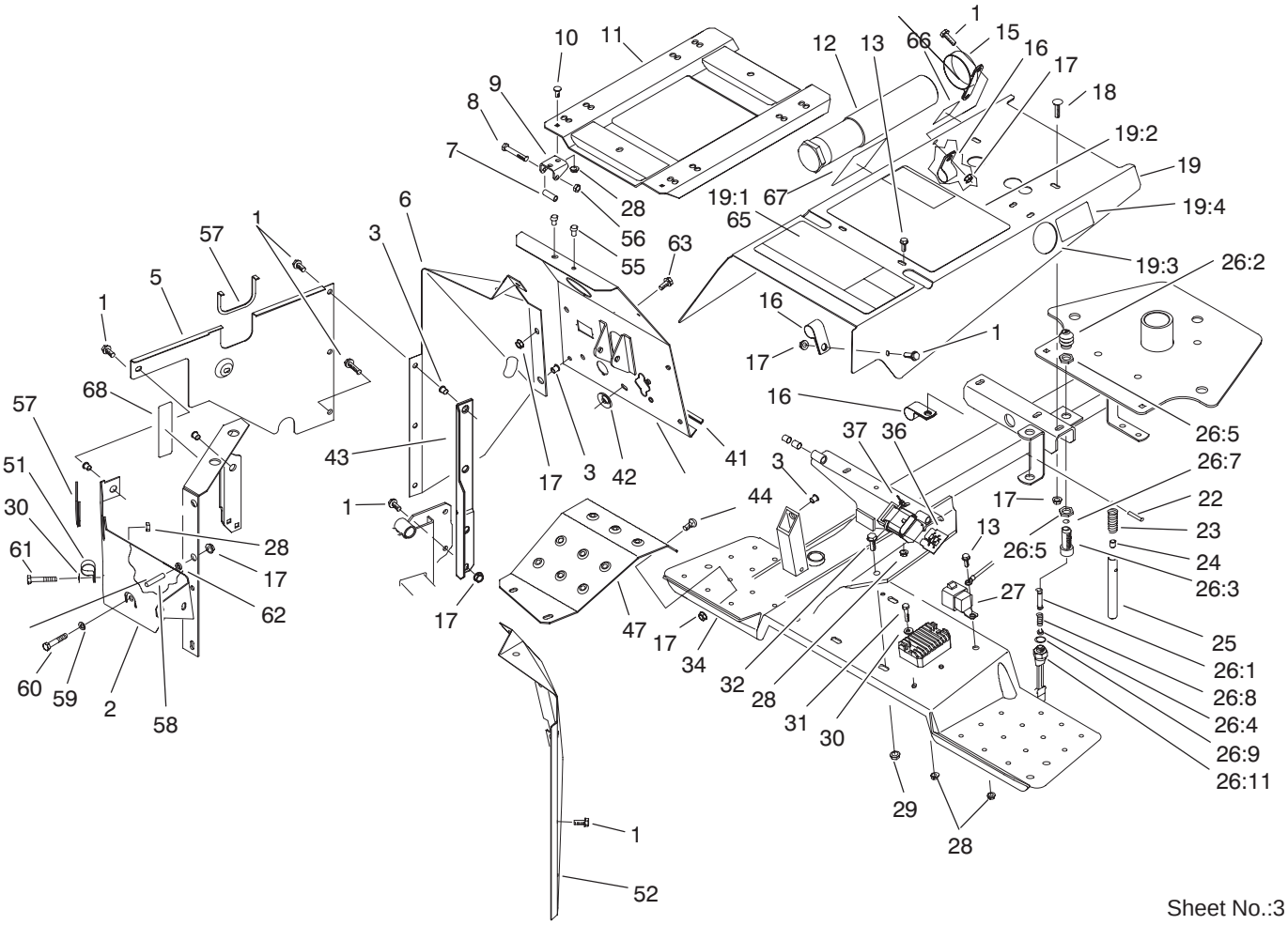


Sheet No.:3

Skirt and Body Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	3234–5	17	Screw
2	93–6847–03	1	Panel–Front, Right
3	32148–7	11	Nut–Insert
5	93–6846–03	1	Panel–Front, Right
6	83–8120–01	1	Panel–Rear, Right
7	85–5340	2	Tube–Pivot, Seat
8	321–11	2	Screw–HH
9	85–5230	2	Bracket–Pivot, Seat
10	3229–11	2	Screw–CARR
11	85–5330–01	1	Plate–Seat
12	74–0720	1	Tube–Manual
13	3234–4	3	Screw–HHF
15	2412–133	2	R–Clamp
16	2412–39	3	R–Clamp
17	32128–44	12	Nut
18	3230–2	2	Screw–CARR
19	104–3886	1	Skirt ASM
19:1	83–9550	1	Decal–Warning
19:2	104–3885	1	Decal–Quick Ref
19:3	93–6772	1	Panel–Skirt
19:4	93–7270	1	Decal–Control
22	32121–6	1	Pin–Roll
23	37–9590	1	Spring–Comp
24	28–6180	1	Pin–Pedal
25	27–9870	1	Pin–Switch, Seat
26	43–9071	1	Limit Switch ASM

Ref. No.	Part No.	Qty.	Description
26:1	43–8860	1	Plunger–Switch
26:2	43–8870	1	Boot–Switch
26:3	43–8620	1	Pin–Guide, Switch
26:4	43–8610	1	Guide
26:5	218–461	2	Nut–HH
26:7	237–7	1	O–Ring
26:8	43–8600	1	Spring–Compression
26:9	237–30	1	O–Ring
26:11	72–4320	1	Switch
27	70–1480	1	Relay
28	32128–33	8	Nut–HF
29	32128–43	4	Nut–Flange
30	3256–22	3	Washer–Flat
31	321–8	2	Screw–HH
32	3234–11	4	Screw–HHF
34	93–6868–01	1	Step–Foot
36	92–3188	1	Diode–Board, Circuit
37	3290–379	1	Tie–Cable
41	76–6471	1	Strip–Seal, Firewall
42	62–7170	1	Spacer–Rubber
43	94–3694–03	1	Angle–Right
44	3230–1	1	Screw–CARR
47	93–6938–01	1	Shield–Footrest
51	2412–106	1	Clamp–R
52	93–6732–01	1	Panel–Rear, Left
55	237–37	2	Grommet

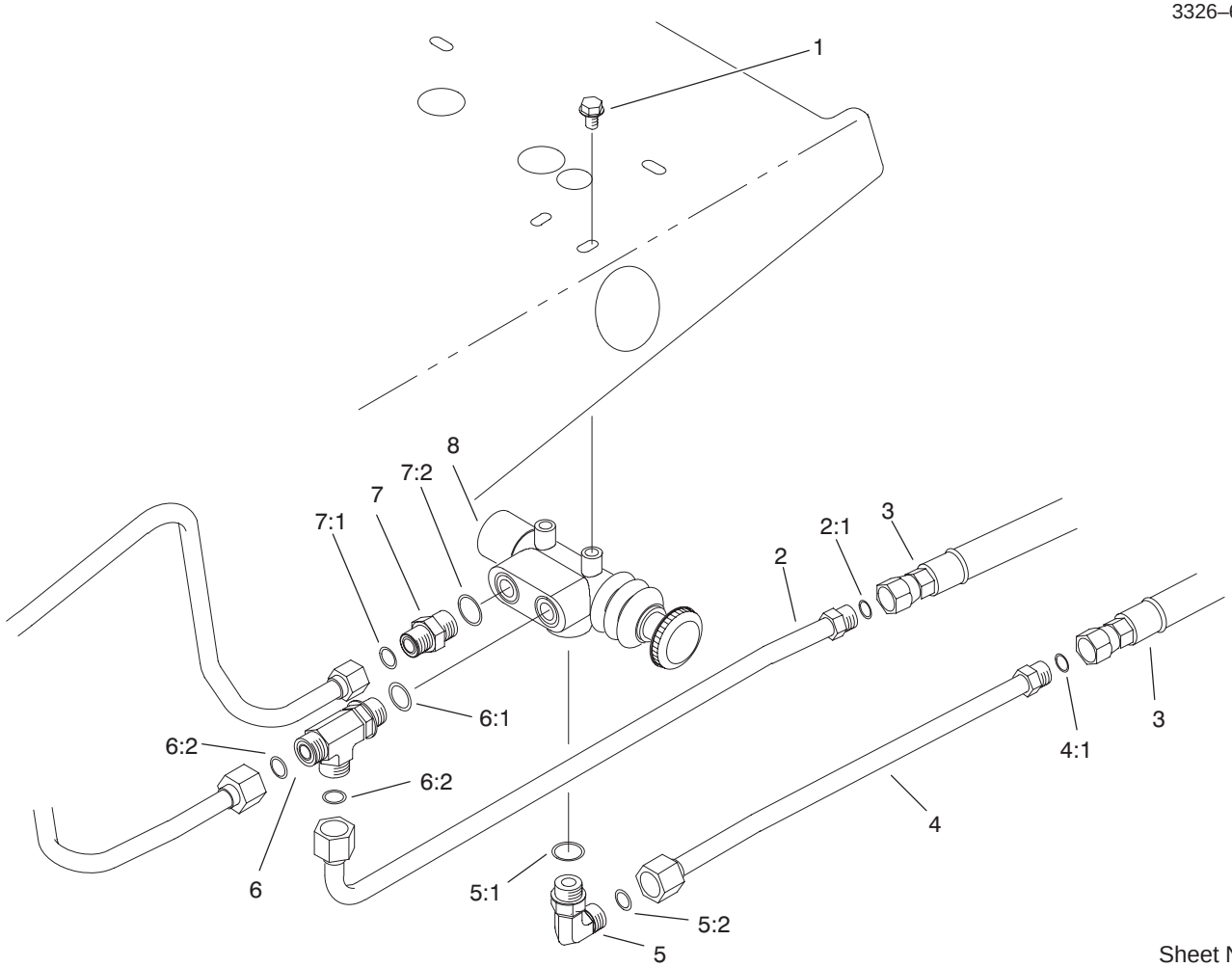


Sheet No.:3

Skirt and Body Panel Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
56	3296–42	2	Nut–Lock, NI
57	93–6924	2	Trim–Lok
58	93–6908	1	Spacer–Split
59	3256–23	1	Washer–Flat
60	322–23	1	Screw–HH
61	321–3	1	Screw–HH
62	87–8640	1	Washer–Flat
63	3234–17	1	Screw–HHF
65	93–7271	1	Decal–Warning
66	63–9920	1	Decal–Level, Noise
67	92–5524	1	Decal–Rating, Noise
68	93–7273	1	Decal–Danger

Ref. No.	Part No.	Qty.	Description

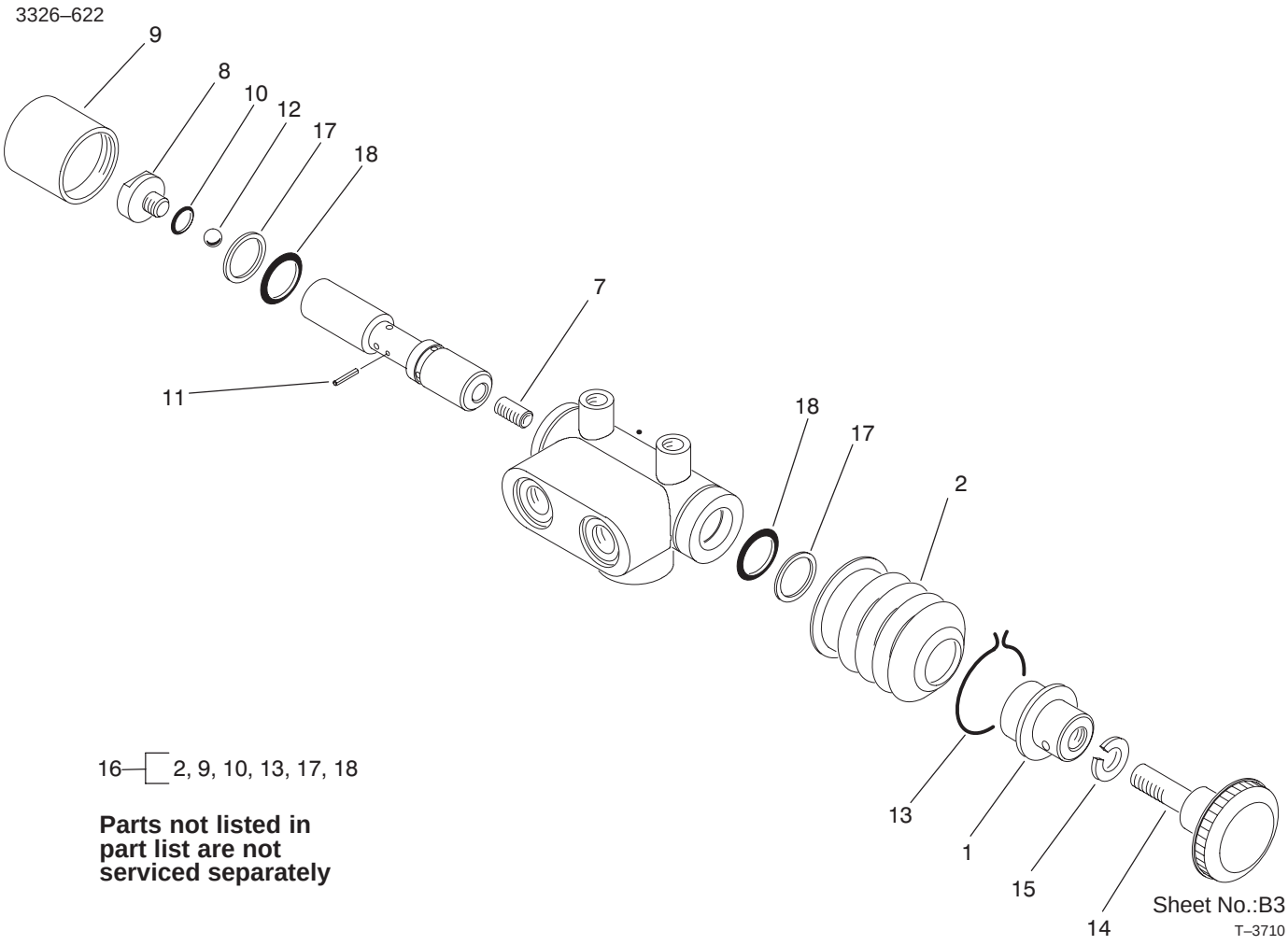


Sheet No.:4

Hydraulic Valve Assembly (only on: 03427)

Ref. No.	Part No.	Qty.	Description
1	3234–28	2	Screw–HHF
2	93–6830	1	Tube–HYD
2:1	237–30	1	O–Ring
3	93–6843	2	HYD Hose ASM
4	93–6835	1	Tube–HYD
4:1	237–30	1	O–Ring
5	340–98	1	Fitting–HYD, 90°
5:1	237–79	1	O–Ring
5:2	237–30	1	O–Ring
6	340–109	1	Fitting–HYD
6:1	237–79	1	O–Ring
6:2	237–30	2	O–Ring
7	340–4	1	Adapter
7:1	237–30	1	O–Ring
7:2	237–79	1	O–Ring
8	92–3196–03	1	2 Point Valve ASM

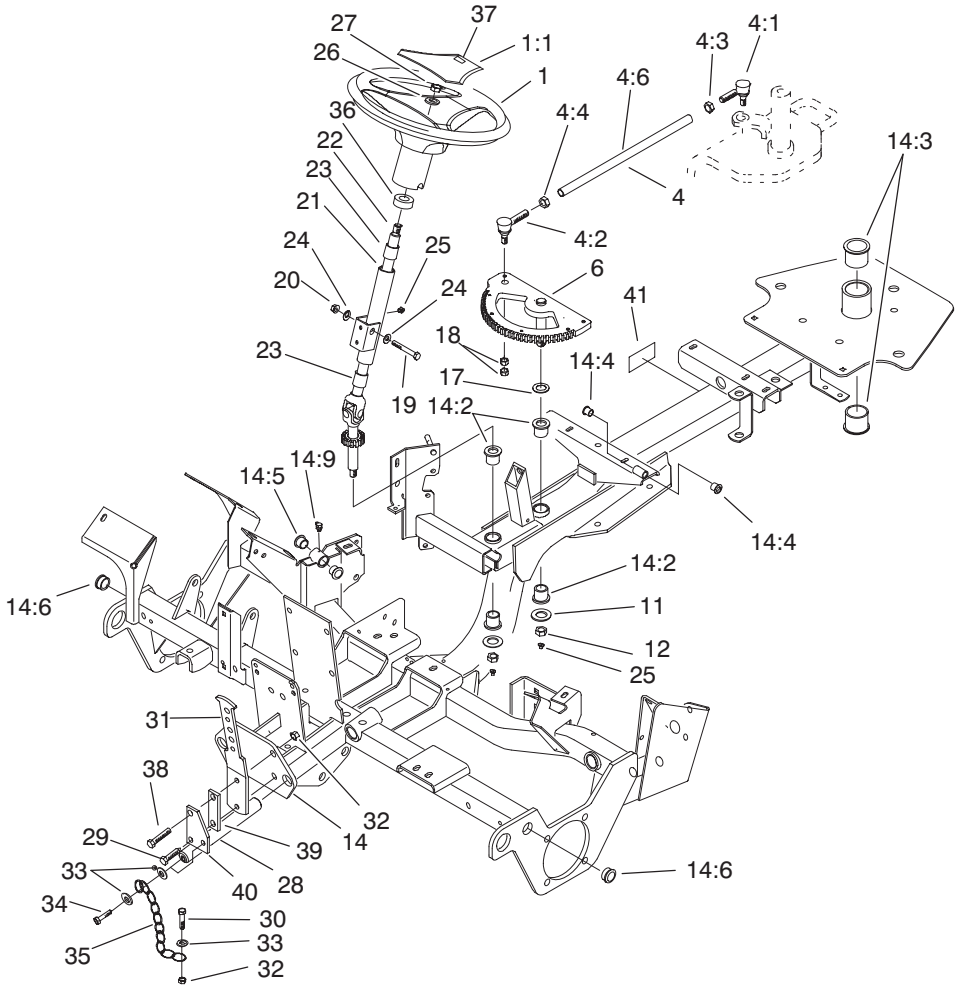
Ref. No.	Part No.	Qty.	Description



Valve Assembly No. 92–3196 (only on: 03427)

Ref. No.	Part No.	Qty.	Description
1	94–3426	1	Stop–End
2	92–7911	1	Boot
7	94–3425	1	Screw
8	94–3427	1	Plug
9	92–7904	1	Can–Valve, HYD
10	237–22	1	O–Ring
11	32121–38	1	Pin–Roll
12	354–23	1	Ball–Check
13	92–7912	1	Wiring–Valve, HYD
14	233–46	1	Knob
15	3253–5	1	Washer–Lock
16	92–7913	1	Kit–Repair, Seal

Ref. No.	Part No.	Qty.	Description



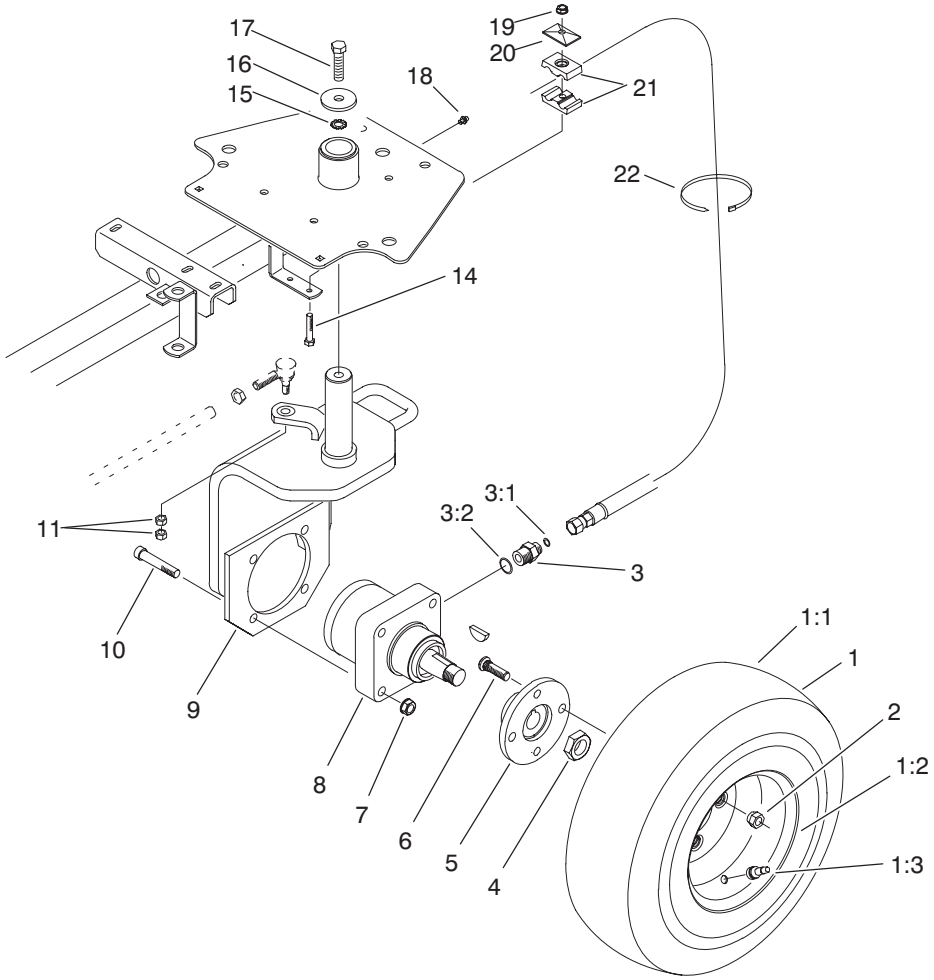
Sheet No.:5

Steering Assembly

Ref. No.	Part No.	Qty.	Description
1	98–1471	1	Wheel–Steering
1:1	98–1468	1	Cover–Wheel, Steering
☆4		1	Steering Tube ASM
4:1	21–0141	1	RH Ball Joint ASM
4:2	21–0151	1	LH Ball Joint ASM
4:3	3220–12	1	Nut–HJ, LH Thread
4:4	3220–5	1	Nut–Jam
4:6	61–2070–03	1	Tube–Steering
6	93–6768–03	1	Gear–Sector
11	3256–27	2	Washer–Flat
12	3296–33	2	Nut–Lock, NI
14	94–5114	1	Frame
14:2	92–3162	4	Bushing
14:3	256–245	2	Bushing–Flange
14:4	256–321	4	Bushing
14:5	75–2160	2	Bushing
14:6	256–247	2	Bushing–Flange
14:9	302–60	1	Fitting–Lube
17	3–6498	1	Washer–Thrust
18	3220–3	2	Nut–Jam
19	322–12	1	Screw–HH
20	3296–29	1	Nut–Lock NI
21	93–6769–03	1	Column–Steering
22	94–5969	1	Shaft & Gear–Steering
23	256–27	2	Bushing

Ref. No.	Part No.	Qty.	Description
24	87–8640	2	Washer–Flat
25	302–5	3	Fitting–Grease
26	3256–26	1	Washer–Flat
27	3296–25	1	Nut–Lock NI
28	92–1812	2	Shaft–Pivot, Lift
29	32144–109	2	Screw
30	323–7	2	Screw–HH
31	92–1818–01	2	Arm–Spring, Tension
32	3296–39	4	Nut–Lock, NI
33	3256–24	6	Washer–Flat
34	323–18	2	Screw–HH
35	93–6738	2	Chain
36	21–9260	1	Cover–Dust
37	98–1459	1	Decal–Toro
38	323–9	2	Screw–HH
39	98–3445	2	Spacer
40	98–3446	2	Plate–Reinforcement
41	93–7252	1	Decal–International

☆ Not serviced



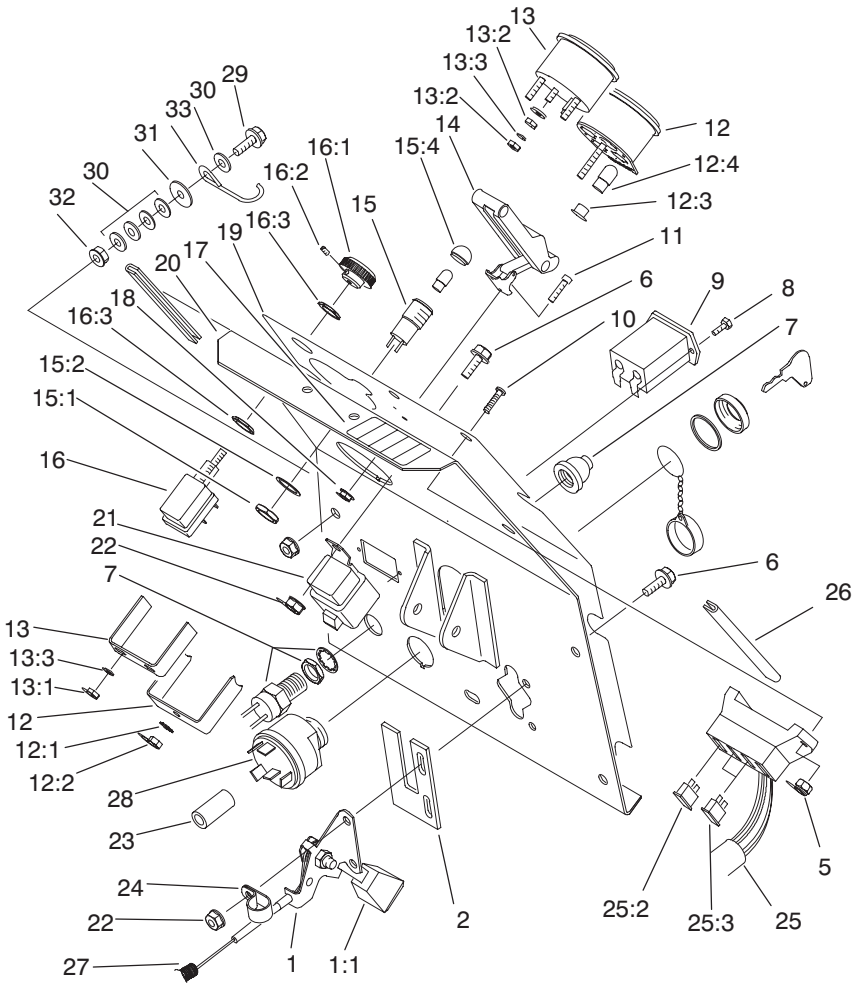
Sheet No.:6

Caster Fork Assembly (only on: 03427)

Ref. No.	Part No.	Qty.	Description
☆1		1	Tire & Wheel ASM
1:1	94–5028	1	Tire
1:2	93–6881	1	Rim ASM
1:3	232–27	1	Stem–Valve
2	242–50	4	Nut–Lug
3	340–6	2	Fitting–Straight, HYD
3:1	237–30	1	O–Ring
3:2	237–80	1	O–Ring
4	26–3790	1	Nut–Lock
5	10–6870–03	1	Hub–Wheel
6	10–6830	4	Stud–Type, Drive
7	3296–23	4	Nut–Lock, NI
8	75–9990	1	HYD Motor ASM
9	93–6782–01	1	Fork–Wheel, Rear
10	3274–93	4	Screw–HSH
11	3220–3	2	Nut–Jam
14	322–9	1	Screw–HH
15	3255–2	1	Washer–Lock/Ext
16	75–7730	1	Washer–Thrust
17	325–6	1	Screw–HH
18	302–5	1	Fitting–Grease
19	3296–29	1	Nut–Lock NI
20	69–9760	1	Coverplate
21	56–7976	2	Clamp–Tube
22	3290–379	1	Tie–Cable

Ref. No.	Part No.	Qty.	Description

☆ Not serviced



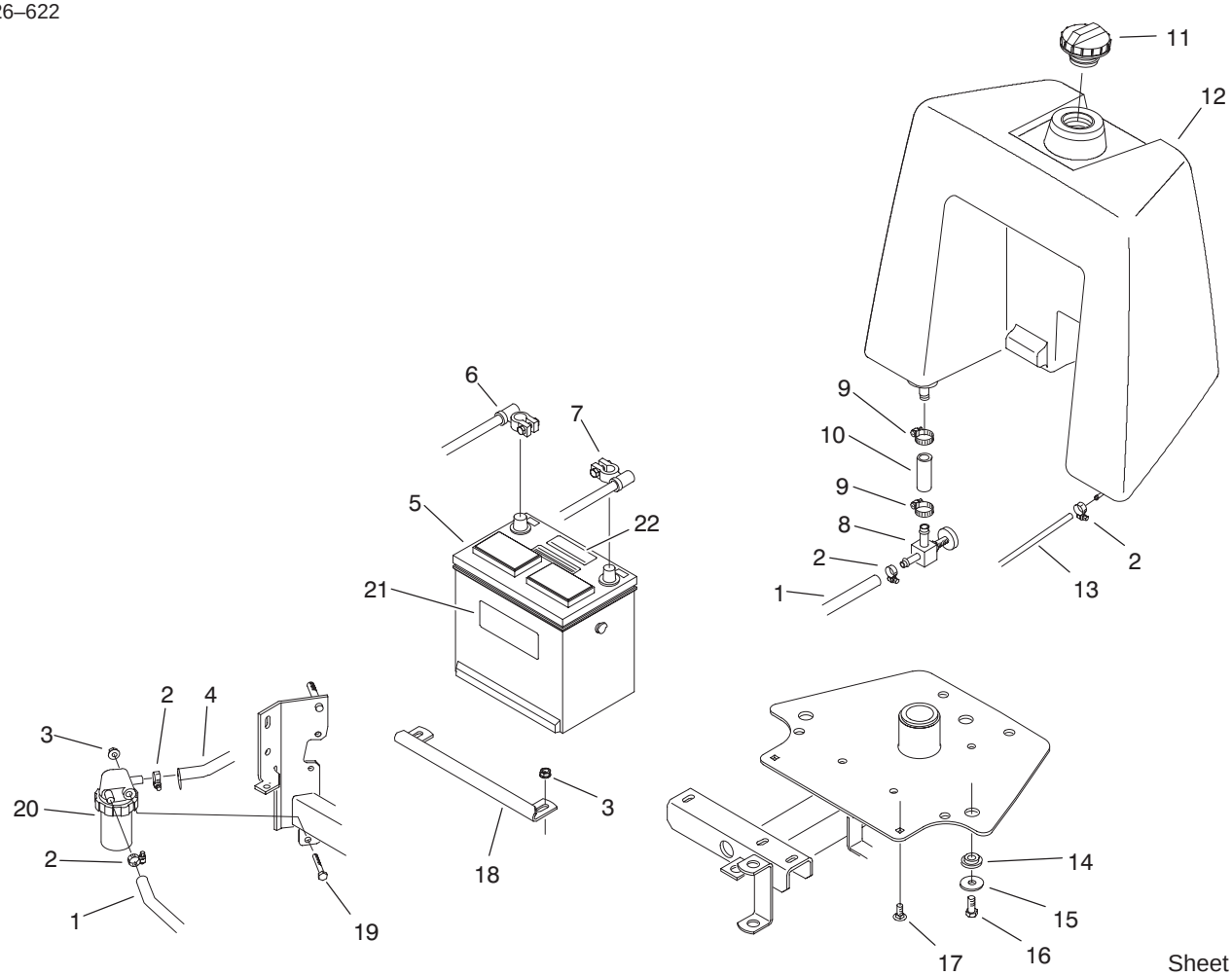
Sheet No.:7

Instrument Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	93–6816	1	Control–Throttle
1:1	66–0120	1	Knob
2	93–6743	1	Stop–Throttle
5	3296–2	2	Nut–Lock
6	3234–4	3	Screw–HHF
7	93–6762	1	Switch–Ball
8	32144–18	2	Screw–HH
9	75–6820	1	Hourmeter
10	3250–13	2	Screw–PPH
11	3274–90	2	Screw–HSH
12	92–9775	1	Cluster–Lamp, Warning
12:1	3254–1	1	Washer–Lock, Internal
12:2	3217–26	1	Nut–Hex
12:3	87–6270	4	Socket–Light
12:4	219–17	4	Bulb
13	93–4411	1	Gauge–Temperature
13:1	3217–27	2	Nut–Hex
13:2	3217–29	6	Nut–Hex
13:3	3253–2	5	Washer–Lock/Sp
14	80–6980	1	Latch
15	44–2212	1	Amber Indicator Light ASM
15:1	218–535	1	Nut–Hex
15:2	218–536	1	Washer–Lock
15:4	218–562	1	Lens

Ref. No.	Part No.	Qty.	Description
16	92–3194	1	Switch–Push/Pull
16:1	92–3195	1	Knob
16:2	3298–8	1	Screw–Set
16:3	3218–19	2	Nut–HJ
17	93–6902	1	Decal–Block, Fuse
18	32149–9	2	Nut
19	94–4985	1	Decal–Panel, Instrument
20	94–3691–03	1	Panel–Instrument
21	70–1480	1	Relay
22	32128–33	3	Nut–HF
23	80–7345	1	Hose ASM
24	2412–39	1	R–Clamp
25	94–3692	1	Harness–Wire
*25:1	86–7470	1	Diode ASM
25:2	218–594	1	Fuse–20 Amp
25:3	218–578	2	Fuse–10 Amp
26	93–6941	2	Seal–Trim
27	98–7393	1	Conduit–Convoluted
28	83–8910	1	Switch–Ignition
29	32122–35	1	Screw
30	3256–2	5	Washer–Flat
31	3256–4	1	Washer–Flat
32	32128–44	1	Nut
33	94–5973	1	Hook

* Not illustrated

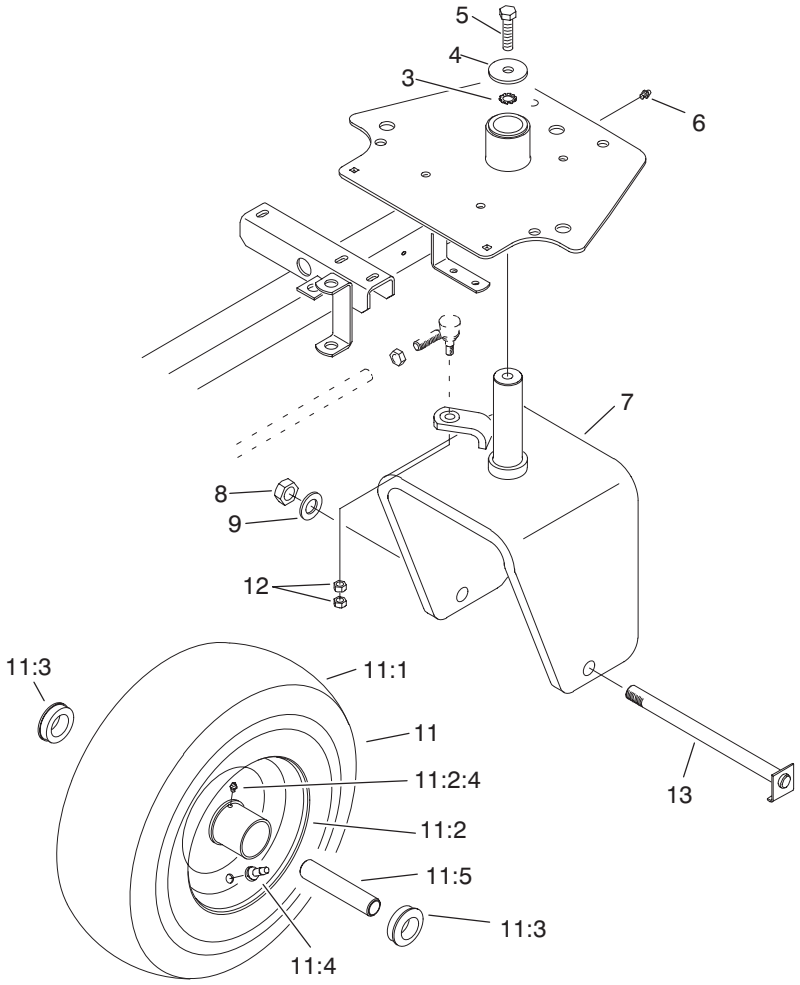


Sheet No.:8

Fuel Tank and Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	23–2140	1	Hose–Line, Fuel
2	2412–108	4	Clamp–Worm
3	32128–44	3	Nut
4	51–0670	1	Hose–Line, Fuel
5	83–9000	1	Battery (Dry)
6	93–6775	1	Cable–Battery, Pos
7	94–5980	1	Cable–Battery, Neg
8	56–2520	1	Fitting–Shut Off, Fuel
9	2412–36	2	Clamp–Hose
10	56–2230	1	Hose–Fuel
11	93–3102	1	Cap–Fuel
12	83–8720	1	Tank–Fuel
13	75–4703	1	Hose
14	240–11	3	Grommet–Mount, Tank
15	63–8410	3	Washer
16	323–5	3	Screw–HH
17	3230–1	2	Screw–CARR
18	83–9240	1	Bracket–Battery
19	322–12	1	Screw–HH
20	83–8970	1	Filter–Fuel
21	93–6668	1	Decal–Battery
22	93–7276	1	Decal–Danger

Ref. No.	Part No.	Qty.	Description



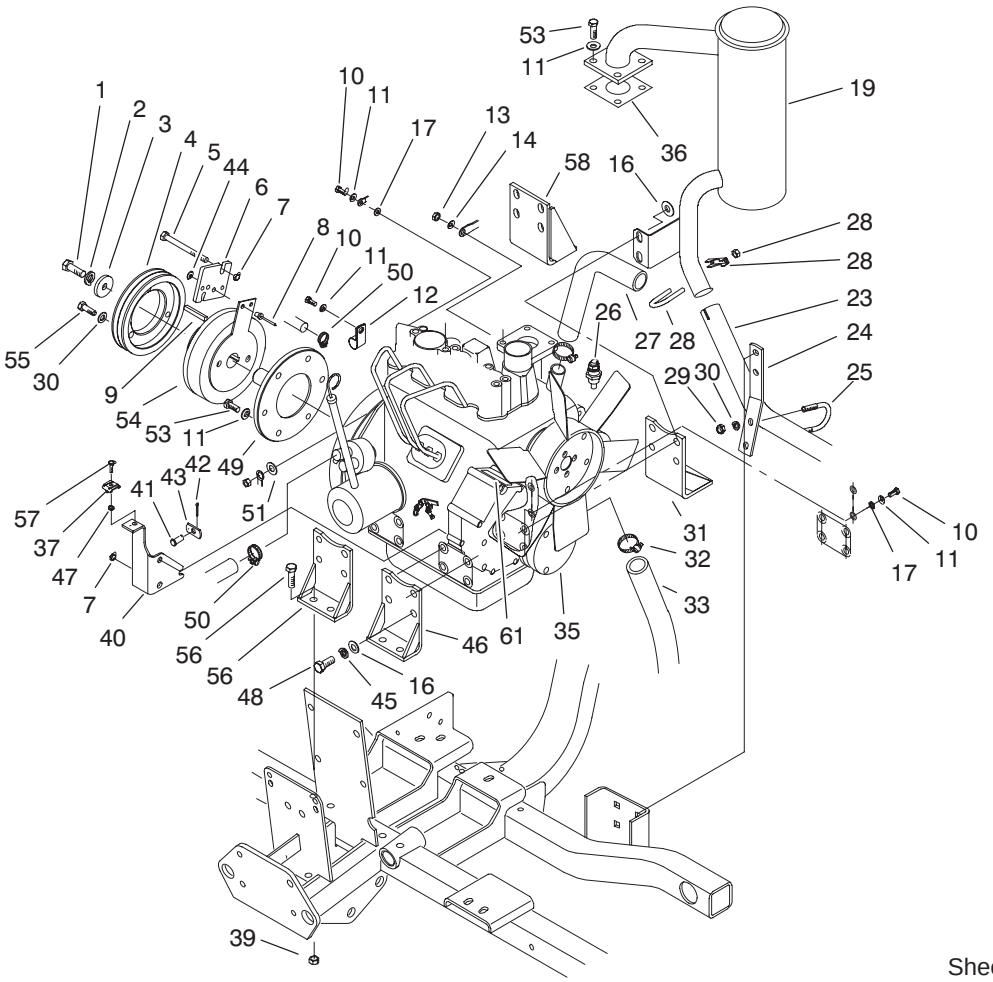
Sheet No.:9

Caster Fork Assembly (only on: 03422)

Ref. No.	Part No.	Qty.	Description
3	3255–2	1	Washer–Lock/Ext
4	75–7730	1	Washer–Thrust
5	325–6	1	Screw–HH
6	302–5	1	Fitting–Grease
7	94–3675–01	1	Fork
8	3296–50	1	Nut–Lock NI
9	3256–28	1	Washer–Flat
☆11		1	Tire & Wheel ASM (Rear)
11:1	94–5028	1	Tire
11:2	94–5952	1	Rim ASM
11:2:4	302–55	1	Zerk
11:3	251–321	2	Bearing–Ball, Flanged
11:4	232–27	1	Stem–Valve
11:5	94–5970	1	Spacer
12	3220–3	2	Nut–Jam
13	94–5111–01	1	Axle

Ref. No.	Part No.	Qty.	Description

☆ Not serviced



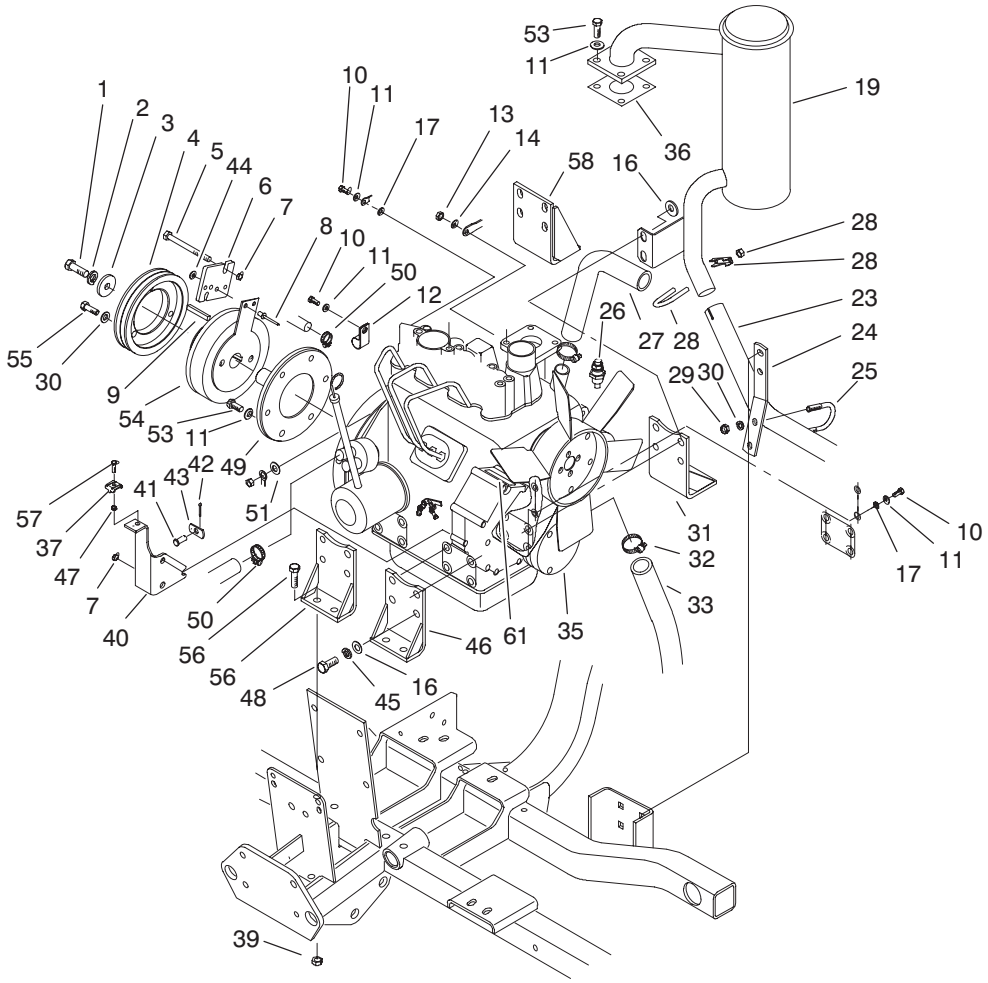
Sheet No.:10

Engine Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	3212–5	1	Screw–HH
2	3253–6	1	Washer–Lock
3	44–8160	1	Washer–Clutch
4	93–6706–03	1	Pulley
5	68–6030	1	Bolt
6	93–6725	1	Keeper–Wire
7	33004–00	4	Nut–HF
8	3290–412	2	Rivet
9	83–8080	1	Key
10	33114–016	3	Screw–HH
11	3256–23	13	Washer–Flat
12	2412–96	1	Clamp–R
13	57–6390	1	Nut–Jam
14	42–9850	1	Washer–Lock, Spring
16	80–6990	16	Washer–Hardened
17	3255–8	2	Washer–Lock/Ext
19	93–6719	1	Muffler ASM
23	93–6721	1	Tube–Muffler
24	93–6720	1	Bracket–Muffler
25	93–6722	1	U–Bolt
26	82–3110	1	Sender–Temp
27	93–6728	1	Hose–Radiator, Top
28	2112–11	1	Clamp–Muffler
29	3217–6	2	Nut–Hex
30	3253–4	5	Washer–Lock

Ref. No.	Part No.	Qty.	Description
31	93–6713–03	1	Bracket–Mount, Engine
32	2412–34	2	Clamp–Hose
33	93–6729	1	Hose–Radiator, Lower
☆35		1	Engine–Perkins, KI70372 (Carb Certified)
36	83–9910	1	Gasket
37	81–1690	1	Clamp–Cable
39	32128–19	7	Nut–HF
40	93–6892–03	1	Bracket–Cable, Throttle
41	283–62	1	Pin–Clevis
42	3272–10	1	Pin–Cotter
43	92–3154	1	Tab–Throttle
44	33093–00	2	Washer–Flat
45	48–9590	14	Washer–Lock
46	93–6712–03	2	Bracket–Engine Mount, Front
47	32148–14	1	Insert–Threaded
48	33115–025	16	Screw–HH
49	93–6707	1	Spindle–Clutch (Mach)
50	2412–108	2	Clamp–Worm
51	3255–17	1	Washer–Lock/Ext
53	33114–020	10	Screw–HH
54	93–6727	1	Clutch

☆ Not serviced

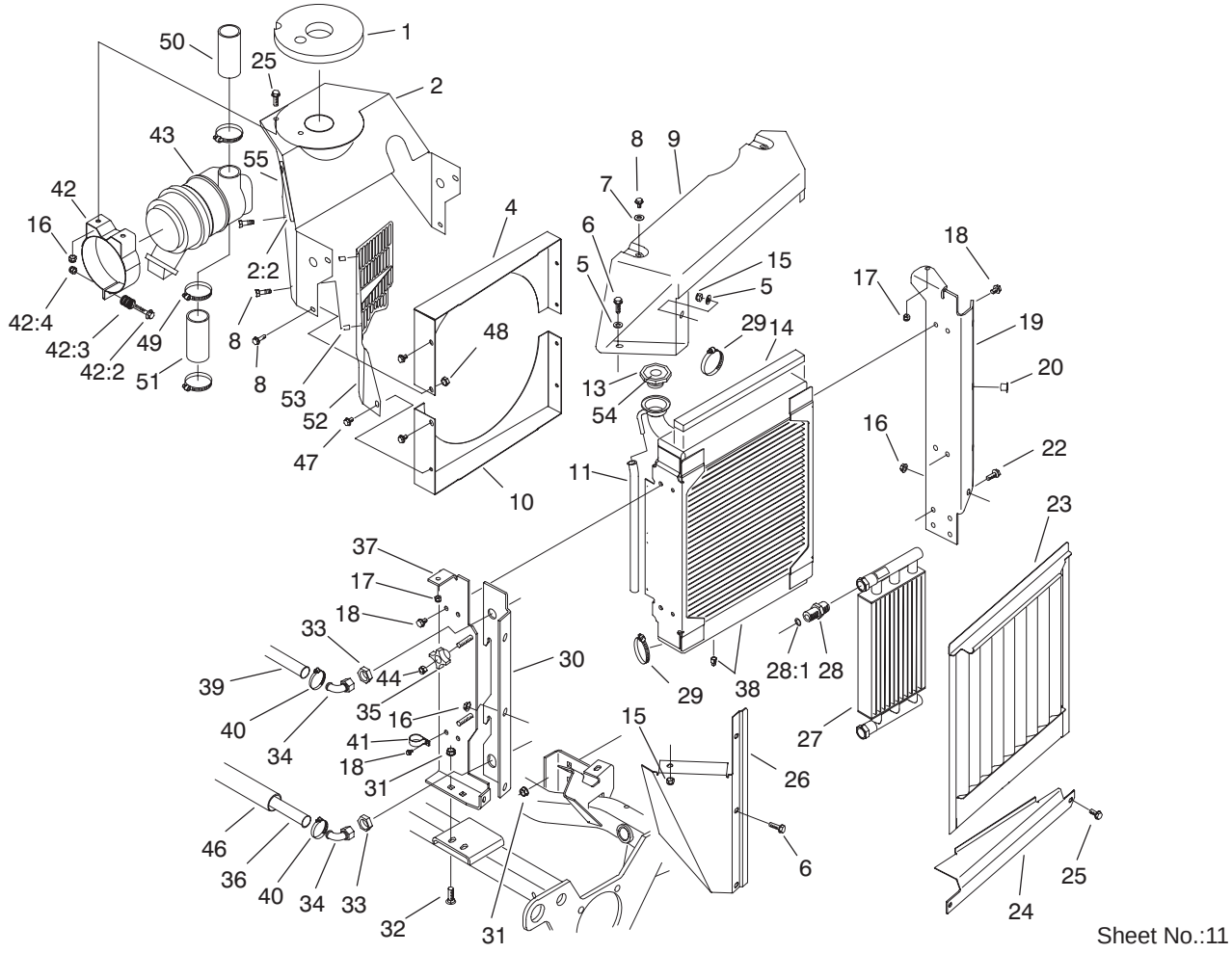


Sheet No.:10

Engine Installation Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
55	322–5	3	Screw–HH
56	3234–24	7	Screw–HHF
57	3290–432	1	Screw–HH
58	93–6946–03	1	Bracket–Engine Mount, RH Rear
61	99–2321	1	Decal–Timing

Ref. No.	Part No.	Qty.	Description

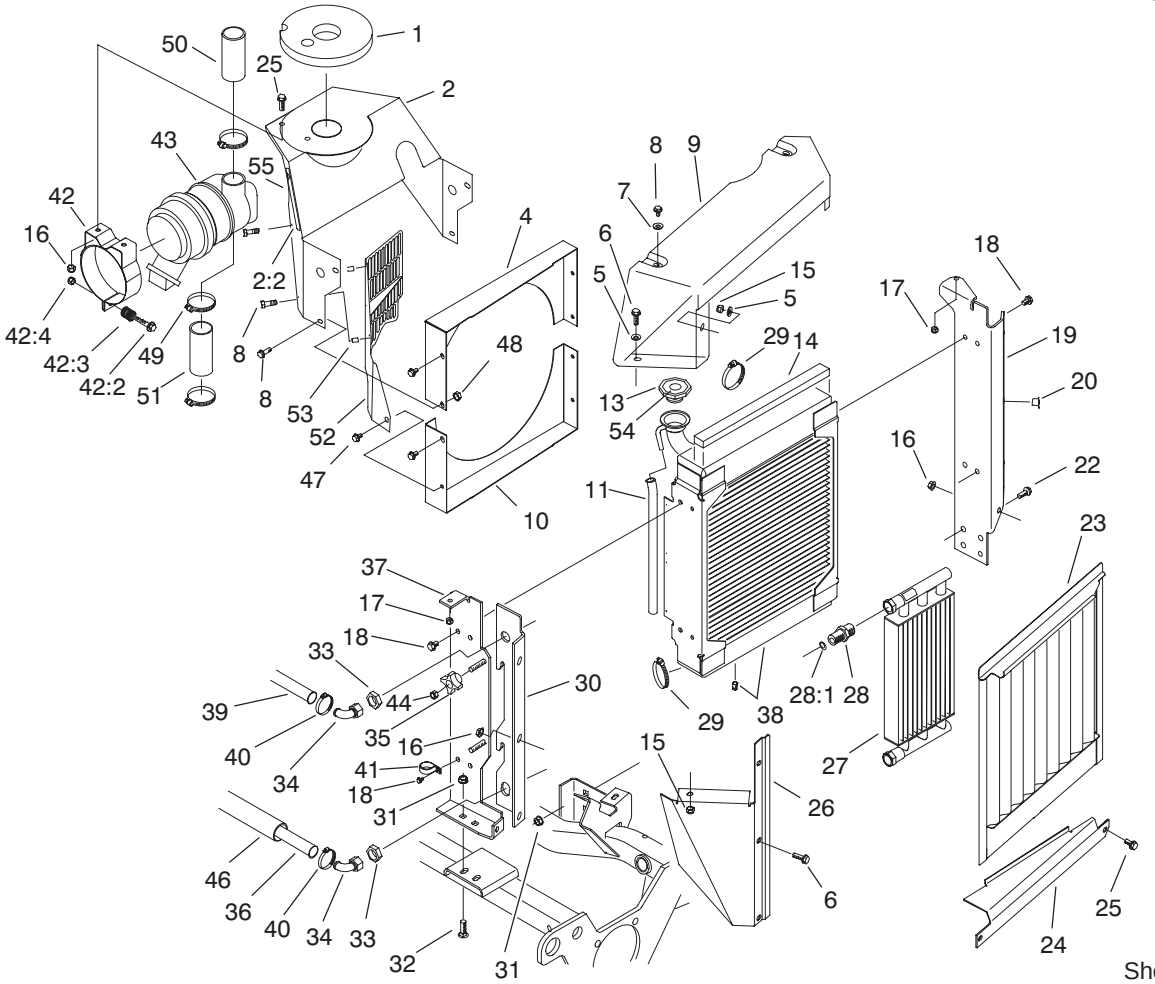


Sheet No.:11

Radiator Assembly

Ref. No.	Part No.	Qty.	Description
1	93–6877	1	Foam–Intake, Air
2	94–3634	1	Air Cleaner Housing ASM
2:2	77–3100	1	Decal–Caution
4	93–6731–03	1	Shroud–Radiator, Top
5	3256–23	2	Washer–Flat
6	3234–17	4	Screw–HHF
7	3256–22	2	Washer–Flat
8	3234–4	6	Screw–HHF
9	83–8040	1	Cover–Left
10	93–6730–03	1	Shroud–Radiator, Bottom
11	71–3382	1	Hose–Fuel
13	66–3240	1	Cap–Radiator
14	83–9030	1	Foam–Top
15	3296–29	2	Nut–Lock NI
16	32128–44	6	Nut
17	3296–42	2	Nut–Lock, NI
18	3234–28	8	Screw–HHF
19	83–7980–03	1	Bracket–Radiator, Rear
20	32148–8	3	Insert–Threaded
22	323–6	4	Screw–HH
23	83–8150–03	1	Screen ASM
24	83–8070–03	1	Shield–Radiator, Bottom

Ref. No.	Part No.	Qty.	Description
25	3234–5	4	Screw
26	83–8210–03	1	Panel–Front, Left
27	93–6932	1	Cooler–Oil
28	83–7970	2	Connector
28:1	237–30	1	O–Ring
29	2412–34	2	Clamp–Hose
30	88–6730–03	1	Bracket–Screen, Front
31	32128–43	6	Nut–Flange
32	3231–22	2	Screw–CARR
33	340–127	2	Nut–Bulkhead
34	93–6803	2	Fitting–90°
35	93–7159	2	Handle–Knob
36	93–6804	1	Hose
37	88–6720–03	1	Bracket–Radiator
38	93–6726	1	Radiator ASM
39	93–6805	1	Hose
40	2412–36	2	Clamp–Hose
41	2412–41	1	Clamp
42	93–2191	1	Band–Mounting, Air Cleaner
42:2	94–3653	1	Bolt
42:3	94–3654	1	Spring
42:4	48–9510	1	Nut
43	93–2190	1	Air Cleaner ASM
44	32153–3	2	Nut–Lock
46	93–6933	1	Sleeve–Protective

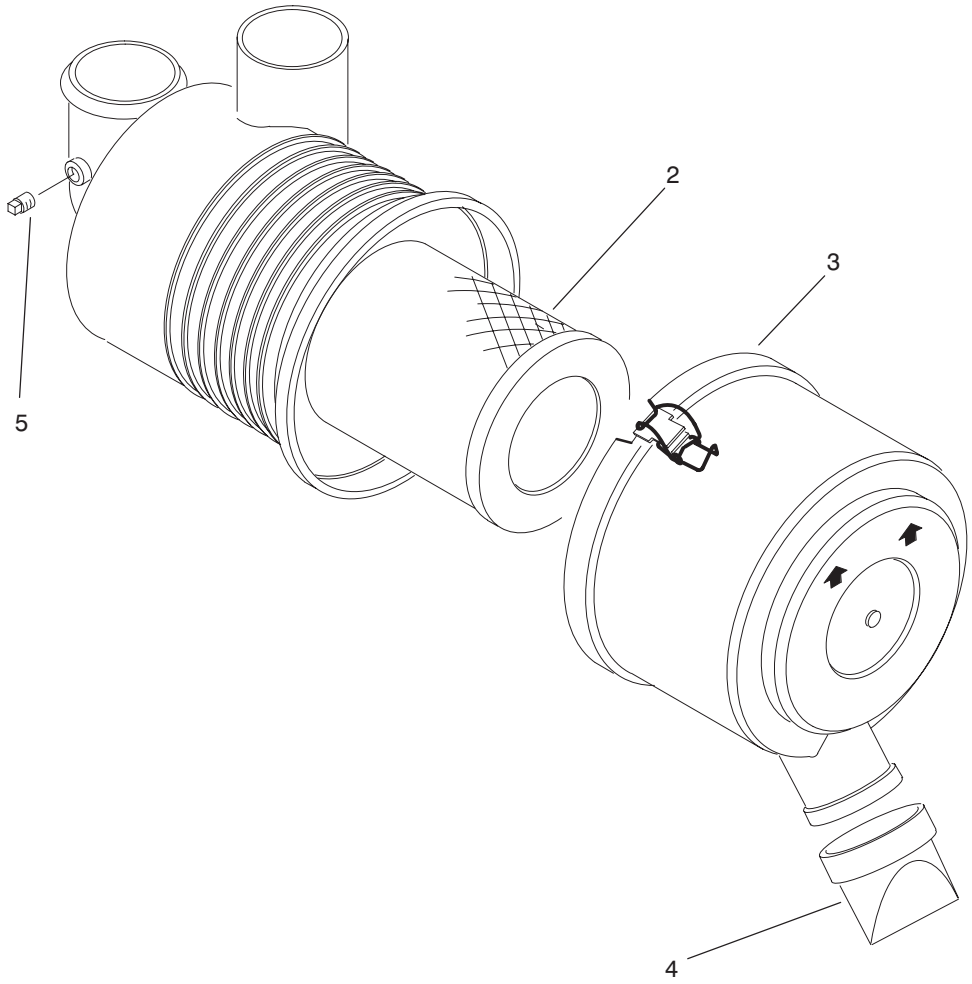


Sheet No.:11

Radiator Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
47	32104–116	6	Screw
48	32128–33	2	Nut–HF
49	2412–92	3	Clamp–Hose
50	93–6876	1	Hose–Air Intake, Upper
51	93–6724	1	Hose–Intake
52	94–3665–03	1	Guard
53	32148–6	2	Nut–Insert
54	93–7840	1	Decal–Cap, Radiator
55	93–7272	1	Decal–Warning

Ref. No.	Part No.	Qty.	Description

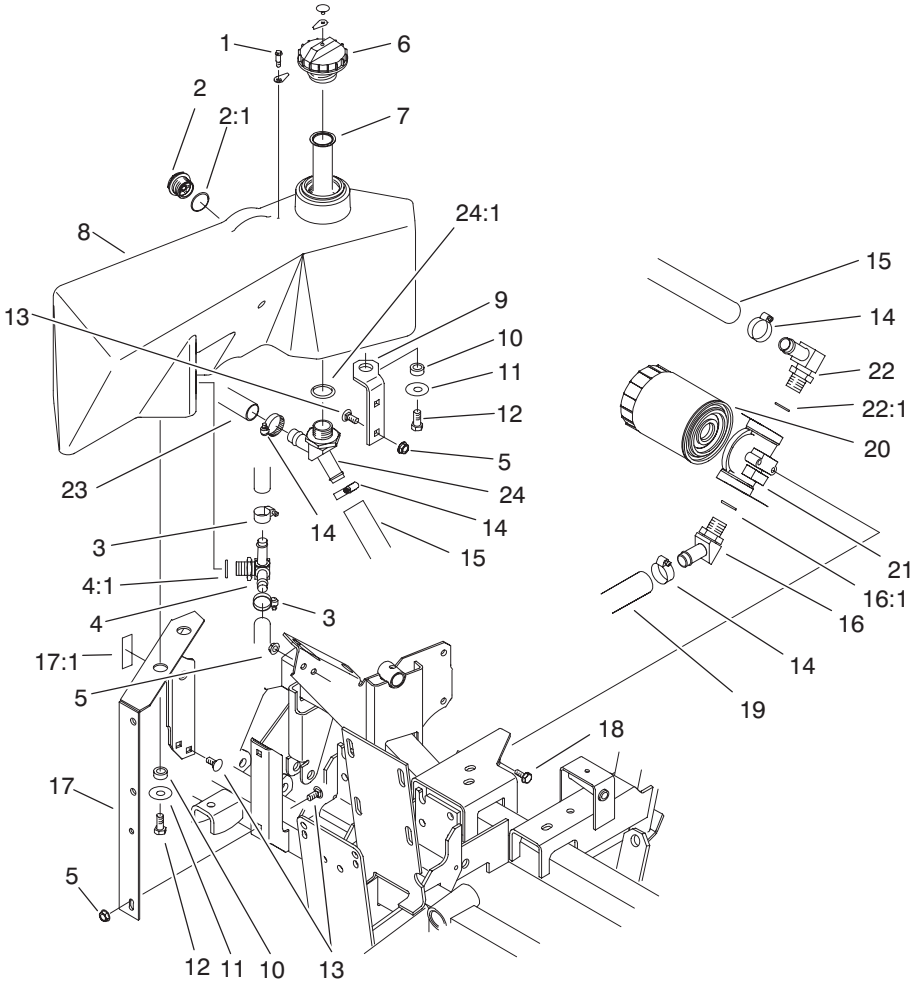


Sheet No.:A1
T–3711

Air Cleaner Assembly No. 93–2190

Ref. No.	Part No.	Qty.	Description
2	93–2195	1	Filter
3	94–3652	1	Cover ASM
4	94–1414	1	Valve–Vacuator
5	285–17	1	Plug–Pipe

Ref. No.	Part No.	Qty.	Description



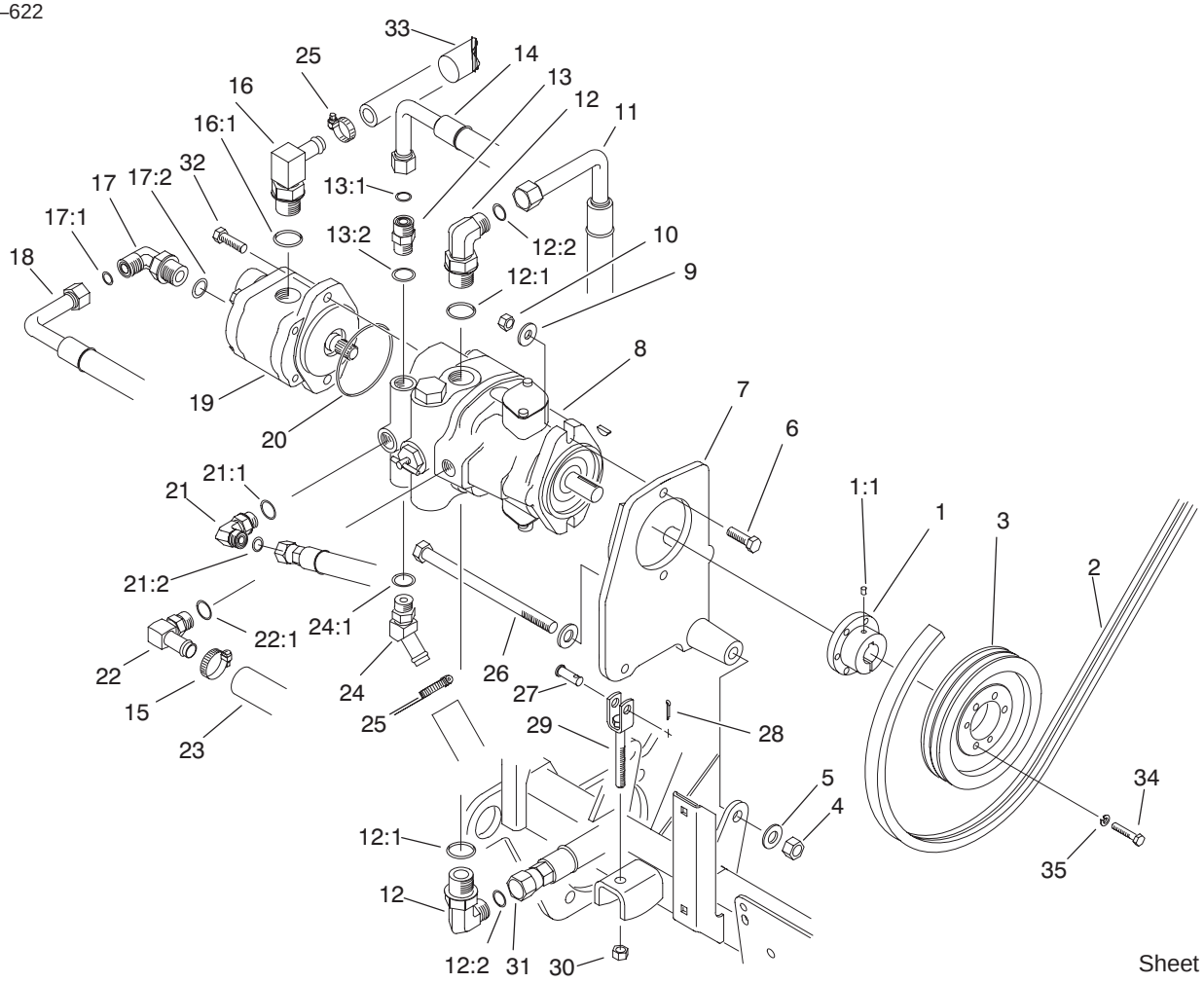
Sheet No.:12

Hydraulic Tank and Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	57–5420	1	Screw–Shoulder
2	69–1170	1	Glass–Sight
2:1	237–81	1	O–Ring
3	2412–36	2	Clamp–Hose
4	93–6793	1	Fitting–Barb
4:1	237–81	1	O–Ring
5	32128–44	6	Nut
6	93–7160	1	Cap–Oil, HYD
7	61–2790	1	Filter–Screen
8	93–6811	1	Tank–HYD
9	83–9920	1	Bracket–Tank, HYD
10	240–11	3	Grommet–Mount, Tank
11	63–8410	3	Washer
12	323–5	3	Screw–HH
13	3230–23	6	Screw–CARR
14	2412–34	4	Clamp–Hose
15	83–9651	1	Hose–Tank To Filter
16	354–127	1	Elbow–45°
16:1	237–81	1	O–Ring
17	94–3633	1	U–Bracket ASM
17:1	67–5360	1	Decal–Danger
18	3234–33	2	Screw–HHF
19	93–6799	1	Hose–Suction
20	54–0110	1	Filter–Oil, Transmission

Ref. No.	Part No.	Qty.	Description
21	68–8990	1	Filter Head ASM
22	353–987	1	Fitting–HYD Barb, 90
22:1	237–81	1	O–Ring
23	93–6857	1	Hose–Suction
24	93–6794	1	Fitting–45°
24:1	237–81	1	O–Ring
*25	88–9220	1	Plug–Reservior

* Not illustrated

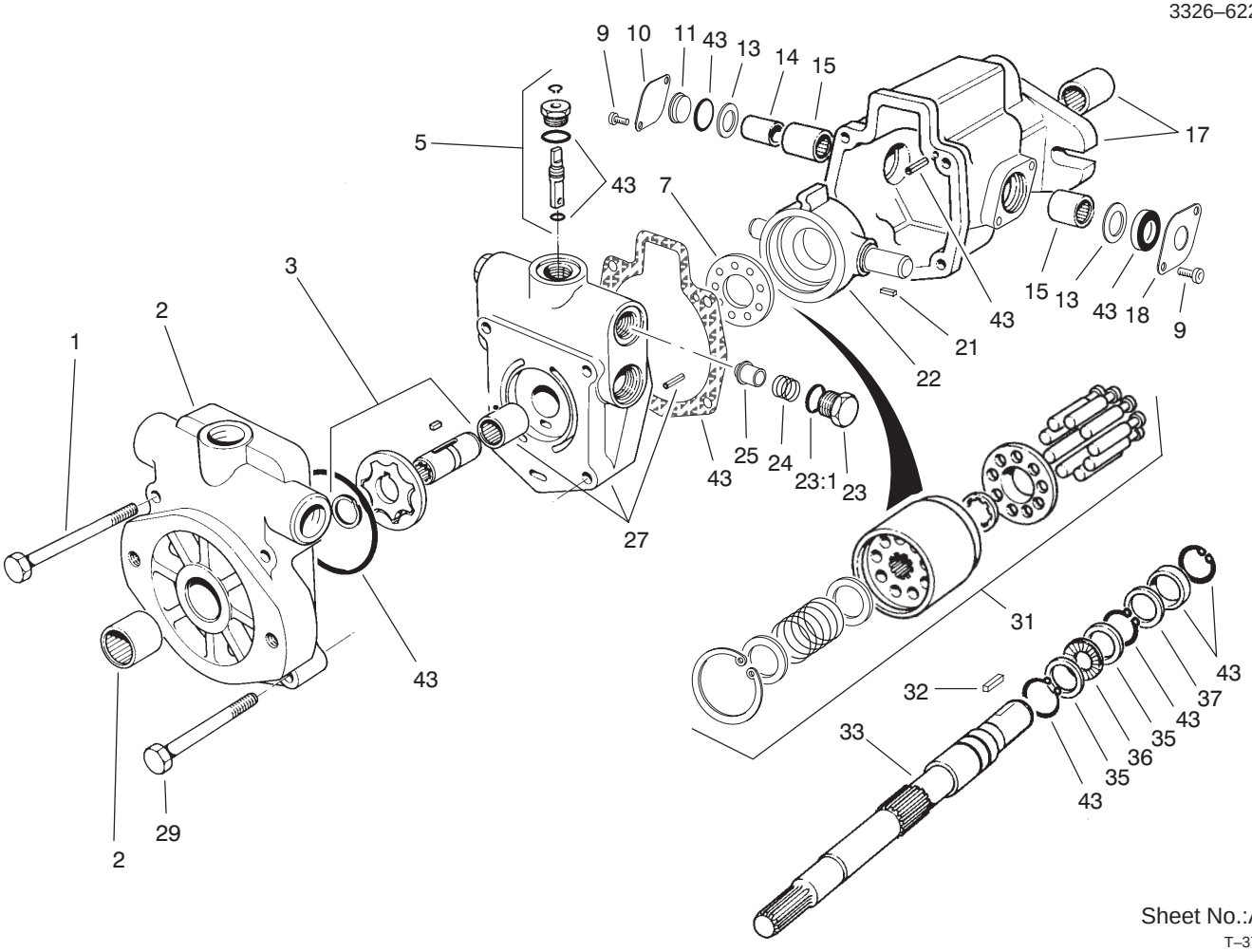


Sheet No.:13

Hydraulic Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	93–6842	1	Bushing–Lock, Taper
1:1	3245–36	1	Screw–HSH
2	93–6840	1	V–Belt
3	93–6841	1	Pulley
4	3296–23	1	Nut–Lock, NI
5	87–7270	2	Washer–Thrust
6	323–9	2	Screw–HH
7	93–6737–03	1	Mount–Pump
8	93–6751	1	Pump–HYD
9	80–6990	2	Washer–Hardened
10	3296–39	2	Nut–Lock, NI
11	93–6829	1	Hose ASM
12	340–139	2	Fitting–HYD, 90°
12:1	237–81	1	O–Ring
12:2	237–65	1	O–Ring
13	340–4	1	Adapter
13:1	237–30	1	O–Ring
13:2	237–79	1	O–Ring
14	93–6797	1	Hose ASM
15	2412–36	1	Clamp–Hose
16	353–987	1	Fitting–HYD Barb, 90
16:1	237–81	1	O–Ring
17	340–105	1	Fitting–90°
17:1	237–80	1	O–Ring
17:2	237–30	1	O–Ring
18	93–6800	1	Hose–HYD

Ref. No.	Part No.	Qty.	Description
19	99–6131	1	Pump–Drive, Reel
20	353–949	1	O–Ring
21	340–98	1	Fitting–HYD, 90°
21:1	237–79	1	O–Ring
21:2	237–30	1	O–Ring
22	93–6795	1	Fitting–90°
22:1	237–79	1	O–Ring
23	93–6806	1	Hose–Return
24	93–6848	1	Fitting–HYD
24:1	237–79	1	O–Ring
25	2412–34	2	Clamp–Hose
26	325–36	1	Screw–HH
27	283–2	1	Pin–Clevis
28	3272–6	1	Pin–Cotter
29	93–6845	1	Yoke–Belt, Adj.
30	3296–6	1	Nut–Lock, NI
31	93–6828	1	Hose ASM
32	323–7	2	Screw–HH
33	94–3688	1	Sleeve–Protective
34	321–13	3	Screw–HH
35	3253–3	3	Washer–Lock



Sheet No.:A2

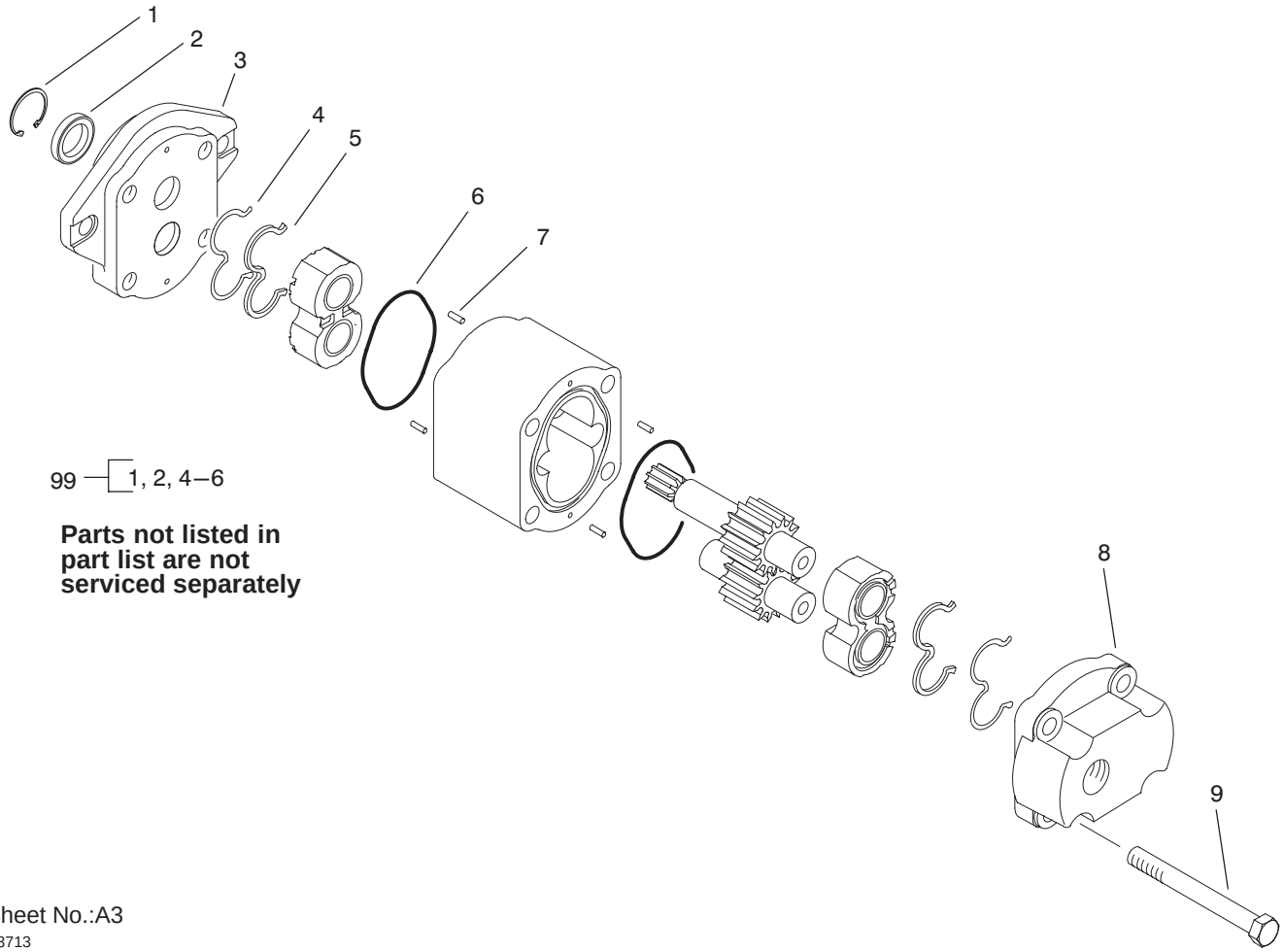
T–3712

Hydraulic Pump Assembly No. 93–6751

Ref. No.	Part No.	Qty.	Description
1	322–3	2	Screw–HH
2	94–3647	1	Charge Pump Adapter ASM
3	94–3648	1	Gerotor & Coupler ASM
5	94–3650	1	Valve–Pump
7	94–3649	1	Plate–Valve
9	60–6330	4	Screw
10	76–6090	1	Cover–Trunnion
11	76–6100	1	Cover
13	76–6180	2	Washer
14	33–3750	1	Race–Inner
15	252–95	2	Bearing–Needle
17	94–3641	1	Housing ASM
18	76–6080	1	Cover–Seal
21	94–3646	1	Key
22	94–3643	1	Camplate
23	70–1240	2	Plug ASM
23:1	60–5980	1	O–Ring
24	76–6200	2	Spring
25	94–3644	2	Seat
27	94–3640	1	Backplate ASM
29	322–20	2	Screw–HH
31	76–6070	1	Kit–Rotating
32	94–3645	1	Key
33	94–3642	1	Shaft–Drive

Ref. No.	Part No.	Qty.	Description
35	252–71	2	Bearing–Thrust
36	252–66	1	Bearing–Thrust
37	33–3270	1	Spring–Centering
43	94–3651	1	Kit–Seal

3326–622



Parts not listed in part list are not serviced separately

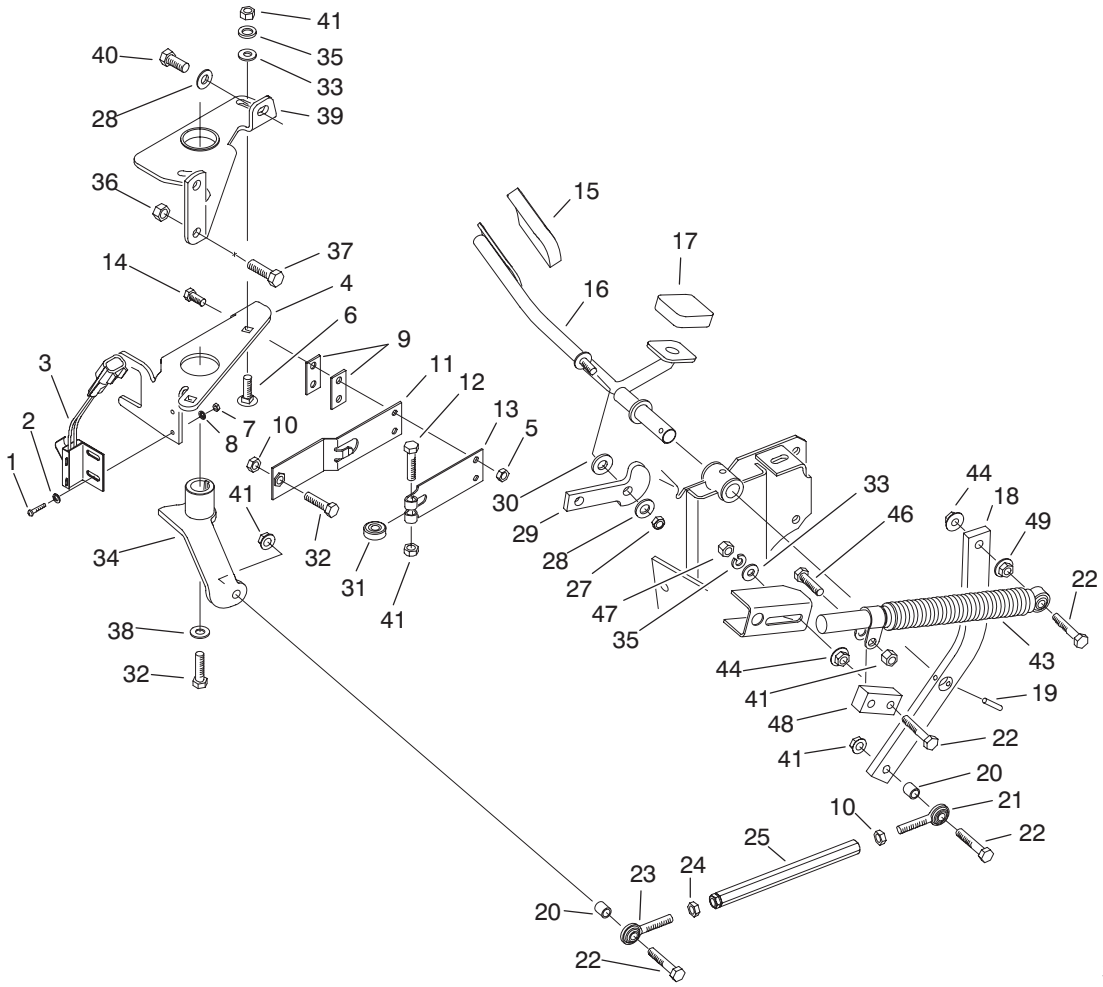
Sheet No.:A3

T–3713

Hydraulic Pump Assembly No. 99–6131

Ref. No.	Part No.	Qty.	Description
3	94–3624	1	Kit–Flange
7	94–3625	4	Pin–Dowel
8	94–3626	1	Cover–End
9	94–3639	4	Screw–HH
99	99–6132	1	Kit–Seal

Ref. No.	Part No.	Qty.	Description

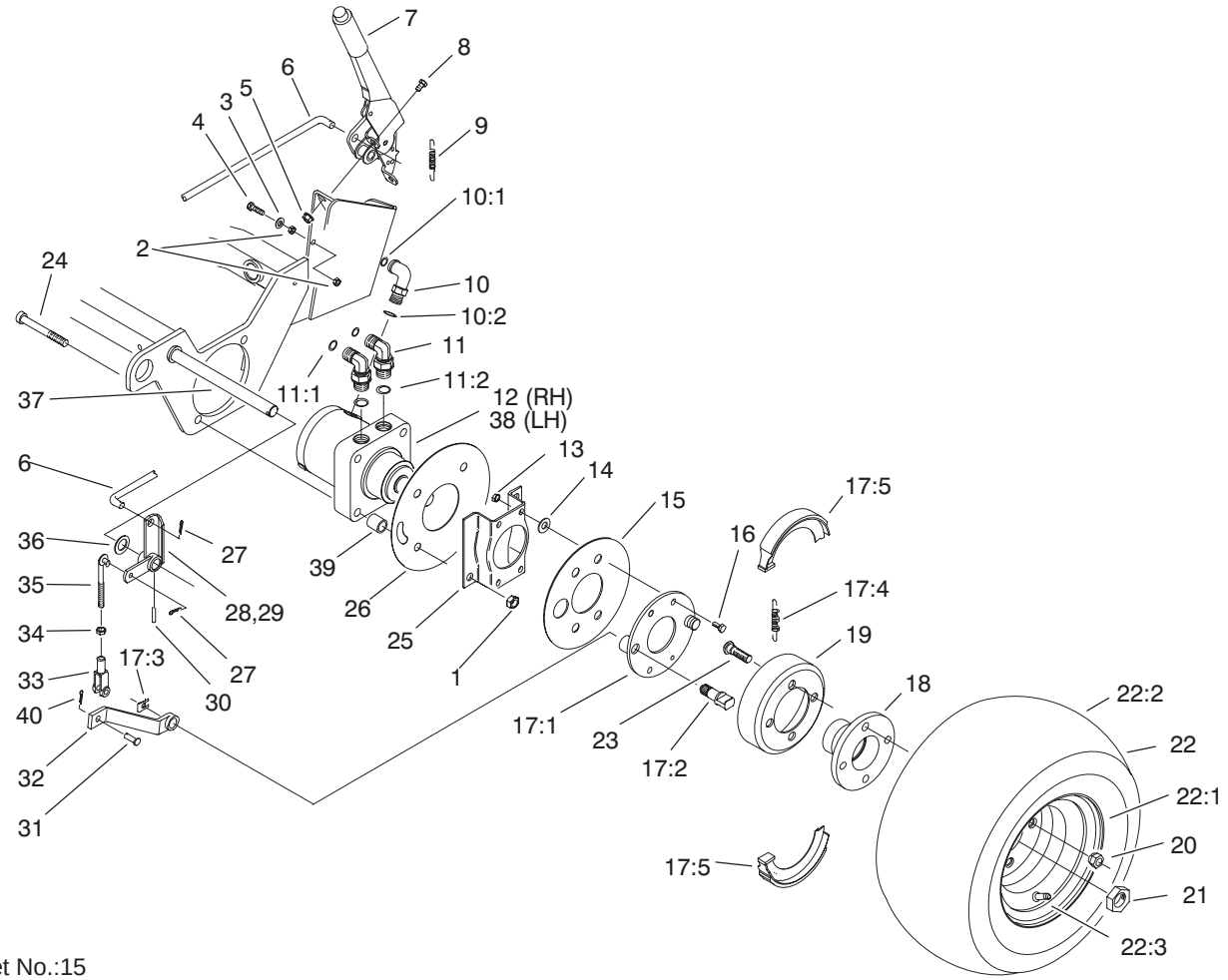


Sheet No.:14

Traction Control Assembly

Ref. No.	Part No.	Qty.	Description
1	3249–3	2	Screw
2	3256–53	2	Washer–Flat
3	94–1754	1	Switch & Roller Bracket ASM
4	93–6825–03	1	Plate–Pump
5	3296–16	2	Nut–Lock, NI
6	3230–2	2	Screw–CARR
7	3217–29	2	Nut–Hex
8	3254–9	2	Washer–Lock/Int
9	51–3150	2	Shim
10	3220–2	2	Nut
11	29–6170	1	Leaf Spring ASM
12	322–17	1	Screw–HH
13	29–6150	1	Spring–Leaf
14	321–6	2	Screw–HH
15	74–9100	1	Pad–Pedal, Forward
16	83–8270–03	1	Traction Pedal
17	74–9110	1	Pad–Pedal, Reverse
18	93–6936	1	Arm–Traction
19	32121–6	1	Pin–Roll
20	93–6859	2	Spacer
21	2411–52	1	Bearing–Rod End, RH
22	322–9	4	Screw–HH
23	2411–53	1	Bearing–Rod End, LH
24	3220–20	1	Nut–Jam
25	83–8760	1	Rod–Control, Pump

Ref. No.	Part No.	Qty.	Description
27	3296–59	1	Nut–Lock NI
28	3256–24	2	Washer–Flat
29	74–6110	1	Stop–Traction
30	66–2920	1	Washer–Friction
31	251–307	1	Bearing–Ball
32	3210–7	2	Screw–HH
33	3256–23	3	Washer–Flat
34	93–6824–03	1	Lever–Pump
35	3253–4	3	Washer–Lock
36	3296–39	2	Nut–Lock, NI
37	323–7	2	Screw–HH
38	87–8640	1	Washer–Flat
39	93–6826–03	1	Bracket–Mounting
40	323–5	1	Screw–HH
41	3296–29	6	Nut–Lock NI
43	76–8870	1	Lever Damper ASM
44	32128–44	2	Nut
46	322–6	1	Screw–HH
47	3217–6	1	Nut–Hex
48	76–9760	1	Damper–Pivot
49	3218–2	1	Nut–Jam



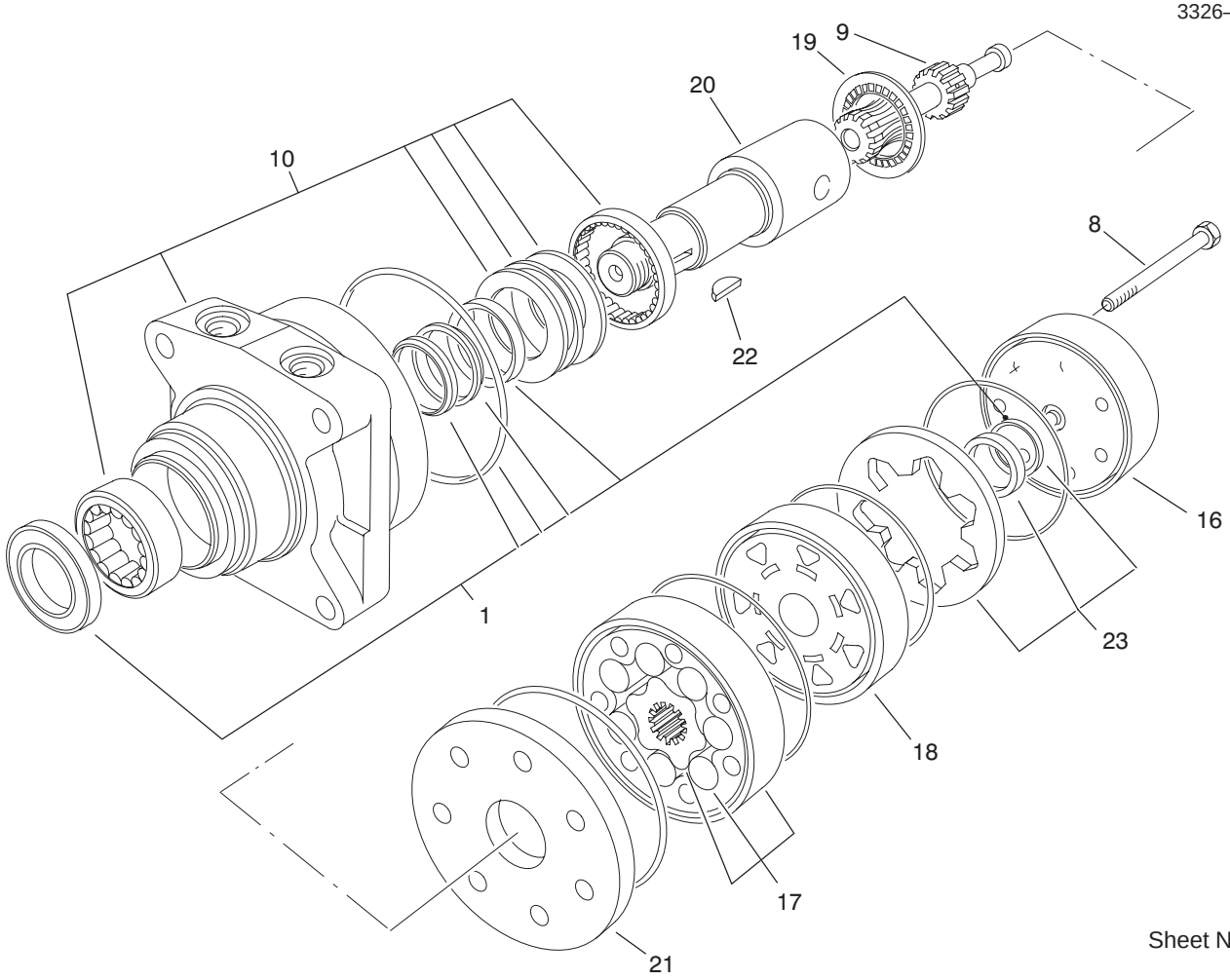
Sheet No.:15

Front Wheel and Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–23	8	Nut–Lock, NI
2	32128–20	2	Nut–HF
3	3256–23	1	Washer–Flat
4	322–17	1	Screw–HH
5	32128–44	2	Nut
6	83–9350	1	Rod–Adjusting
7	61–3990–03	1	Brake–Parking
8	3234–5	2	Screw
9	5–7290	1	Spring
10	340–77	1	Fitting–HYD, 90°
10:1	237–22	1	O–Ring
10:2	237–42	1	O–Ring
11	340–17	4	Adapter
11:1	237–65	1	O–Ring
11:2	237–80	1	O–Ring
12	75–9990	1	HYD Motor ASM
13	3296–42	8	Nut–Lock, NI
14	3256–16	8	Washer–Flat
15	83–9340	2	Shield–Brake, Grass
16	321–5	8	Screw–HH
17	71–1500	2	Brake ASM
17:1	70–9870	1	Plate–Backing
17:2	70–9860	1	Cam–Brake
17:3	70–9850	1	Clip–Retaining
17:4	70–9880	2	Spring–Return
17:5	70–9840	2	Shoe–Brake

Ref. No.	Part No.	Qty.	Description
18	93–6838–03	2	Hub–Wheel
19	10–6850	2	Drum–Brake
20	242–50	8	Nut–Lug
21	26–3790	2	Nut–Lock
☆22		2	Front Tire/Wheel ASM
22:1	93–6881	1	Rim ASM
22:2	93–6879	1	Tire
22:3	232–27	1	Stem–Valve
23	85–6540	8	Stud–Drive
24	3274–99	8	Screw–HSH
25	84–2000–03	2	Bracket–Brake
26	93–6905–03	2	Shield–Wheel
27	3272–6	3	Pin–Cotter
28	83–9310	1	Lever–Brake, RH
29	83–9270	1	Lever–Brake, LH
30	32121–6	2	Pin–Roll
31	283–1	2	Pin–Yoke
32	93–6850	2	Lever–Brake
33	282–2	2	Yoke
34	3220–2	2	Nut
35	84–1990	2	Rod–Adjusting
36	3–6498	2	Washer–Thrust
37	83–9330	1	Shaft–Brake
38	93–6888	1	Motor–Wheel
39	94–5135	8	Spacer
40	3272–10	2	Pin–Cotter

☆ Not serviced

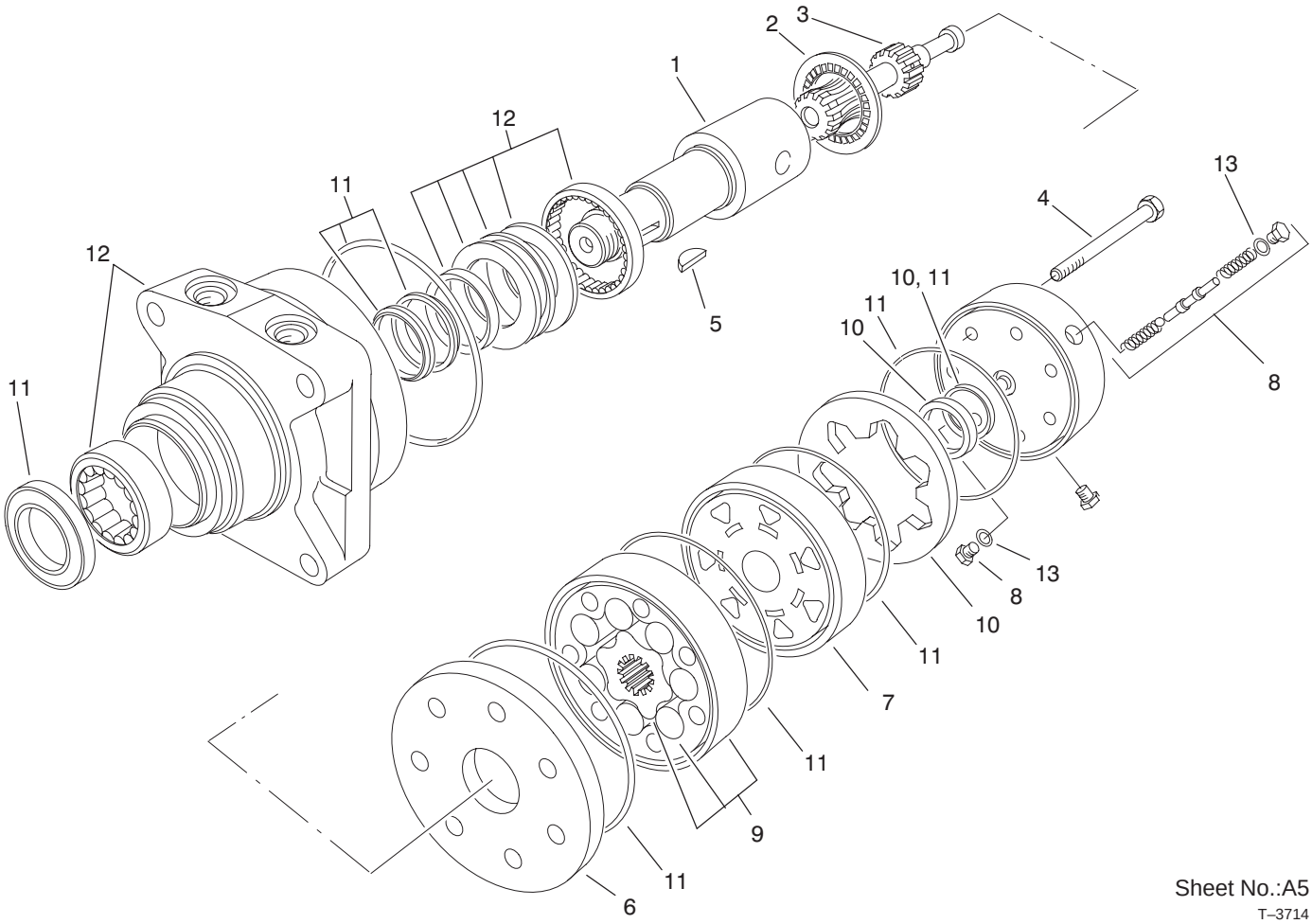


Sheet No.:A4
T–3547

Hydraulic Motor No. 75–9990

Ref. No.	Part No.	Qty.	Description
1	76–0800	1	Kit–Seal
8	76–1010	7	Screw
9	76–0960	1	Link–Drive
10	76–0810	1	Wheel Motor Housing ASM
16	76–0940	1	End Cover ASM
17	76–0970	1	Set–Rotor
18	76–0840	1	Manifold
19	76–0850	1	Bearing–Thrust
20	76–0860	1	Shaft–Coupling
21	76–0870	1	Plate–Wear
22	3257–42	1	Key–Woodruff
23	76–0880	1	Commutator ASM

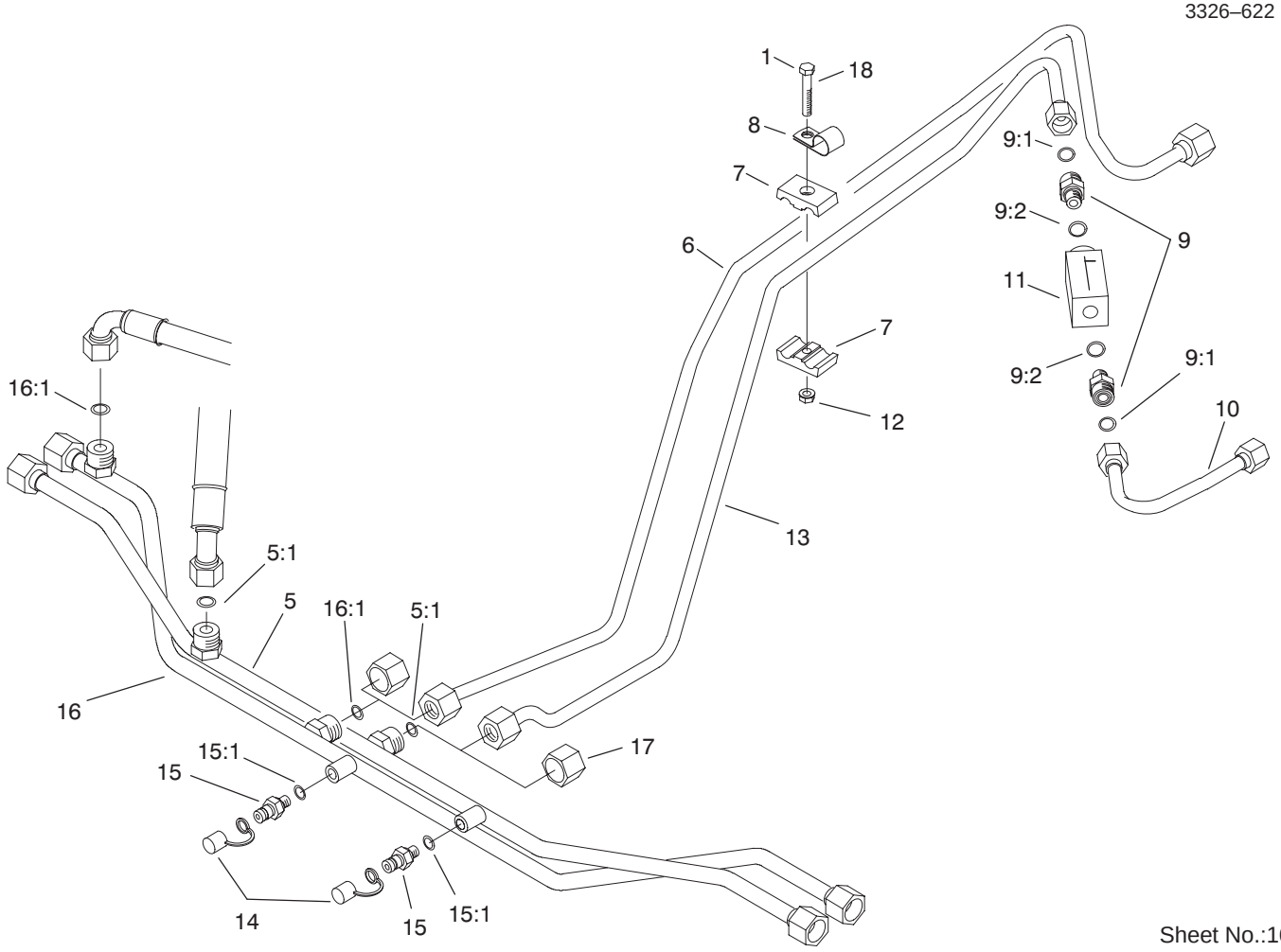
Ref. No.	Part No.	Qty.	Description



Hydraulic Drive Motor Assembly No. 93–6888

Ref. No.	Part No.	Qty.	Description
1	76–0860	1	Shaft–Coupling
2	76–0850	1	Bearing–Thrust
3	76–0960	1	Link–Drive
4	94–3662	7	Screw–Cap, HH
5	3257–42	1	Key–Woodruff
6	76–0870	2	Plate–Wear
7	76–0840	1	Manifold
8	76–0890	1	End Cover ASM
9	76–0970	1	Set–Rotor
10	76–0880	1	Commutator ASM
11	76–0800	1	Kit–Seal
12	76–0810	1	Wheel Motor Housing ASM
13	237–78	2	O–Ring

Ref. No.	Part No.	Qty.	Description

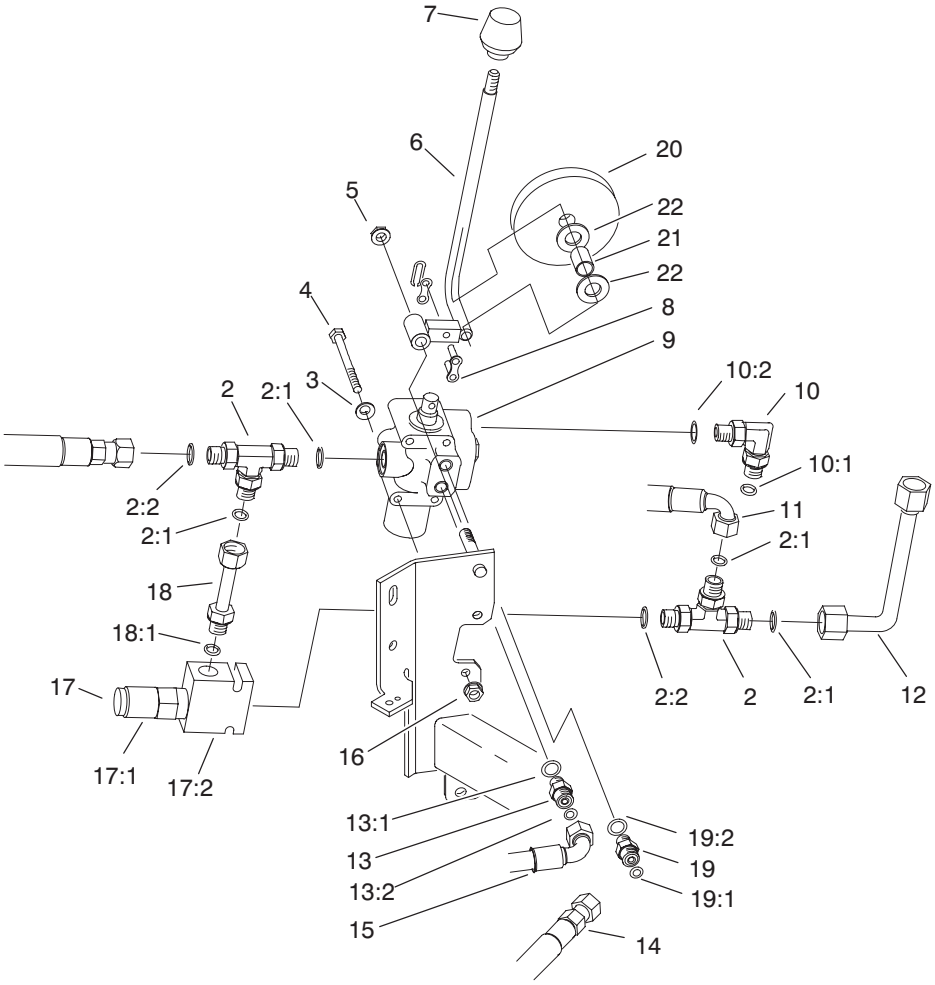


Sheet No.:16

Hydraulic Hardline Assembly

Ref. No.	Part No.	Qty.	Description
1	322–10	1	Screw–HH (only on: 03427)
5	93–6836	1	Tube ASM
5:1	237–30	2	O–Ring
6	93–6895	1	Tube ASM (only on: 03427)
7	56–7976	2	Clamp–Tube (only on: 03427)
8	2412–104	1	R Clamp
9	340–4	2	Adapter (only on: 03427)
9:1	237–30	1	O–Ring (only on: 03427)
9:2	237–79	1	O–Ring (only on: 03427)
10	83–9500	1	Tube ASM (only on: 03427)
11	99–2322	1	Valve–Control, Flow (only on: 03427)
12	3296–29	1	Nut–Lock NI
13	93–6896	1	Tube ASM (only on: 03427)
14	354–79	2	Cap–Fitting, Yellow
15	354–77	2	Fitting–Quick
15:1	237–78	1	O–Ring
16	93–6837	1	Tube ASM

Ref. No.	Part No.	Qty.	Description
16:1	237–30	2	O–Ring
17	340–152	2	Cap–HYD (only on: 03422)
18	3234–5	1	Screw (only on: 03422)

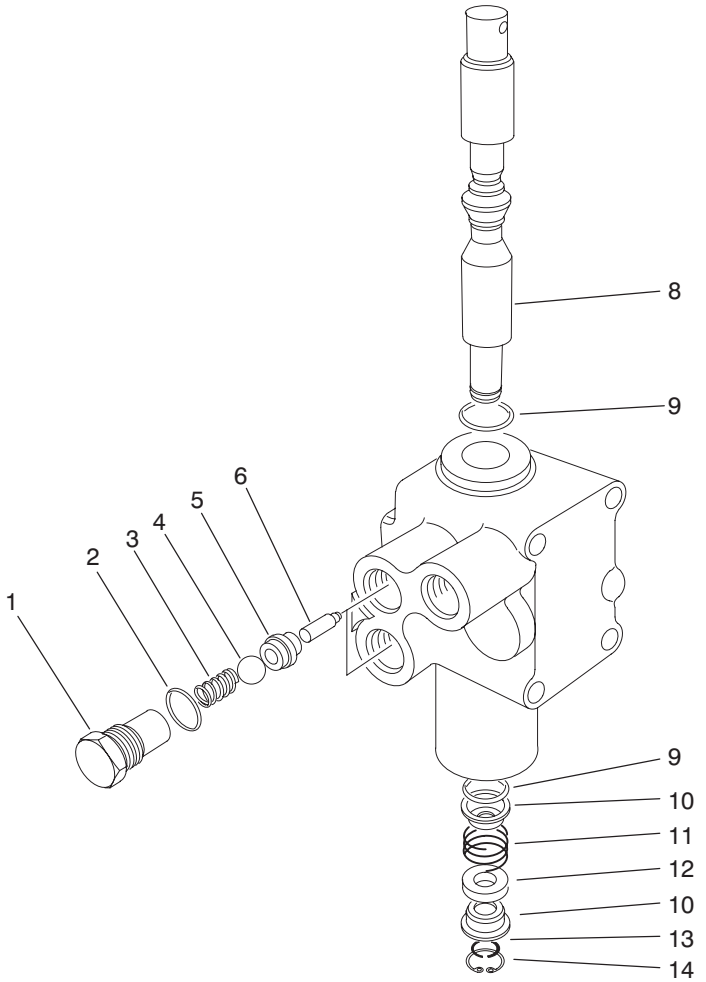


Sheet No.:17

Lift Valve Assembly

Ref. No.	Part No.	Qty.	Description
2	340–86	2	Fitting–HYD, Tee
2:1	237–22	2	O–Ring
2:2	237–42	1	O–Ring
3	3256–22	2	Washer–Flat
4	321–23	2	Screw–HH
5	3296–39	1	Nut–Lock, NI
6	85–5160–03	1	Lever–Valve
7	233–37	1	Knob
8	2710–16	1	Link–Chain
9	43–1950–03	1	Valve–HYD
10	340–77	1	Fitting–HYD, 90°
10:1	237–22	1	O–Ring
10:2	237–42	1	O–Ring
11	93–6798	1	Hose ASM
12	93–6922	1	HYD Tube ASM
13	340–92	1	Fitting–Straight, HYD
13:1	237–78	1	O–Ring
13:2	237–21	1	O–Ring
14	94–5007	1	Hose ASM
15	94–5006	1	Hose ASM
16	3296–16	2	Nut–Lock, NI
17	93–6921	1	Valve–Relief
17:1	94–3607	1	Cartridge–Valve, Relief
17:2	94–3608	1	Body–Valve, Relief
18	93–6923	1	HYD Tube ASM
18:1	237–42	1	O–Ring

Ref. No.	Part No.	Qty.	Description
19	340–88	1	Adapter
19:1	237–22	1	O–Ring
19:2	237–78	1	O–Ring
20	94–5119	1	Sponge
21	65–9940	1	Spring
22	3256–26	2	Washer–Flat

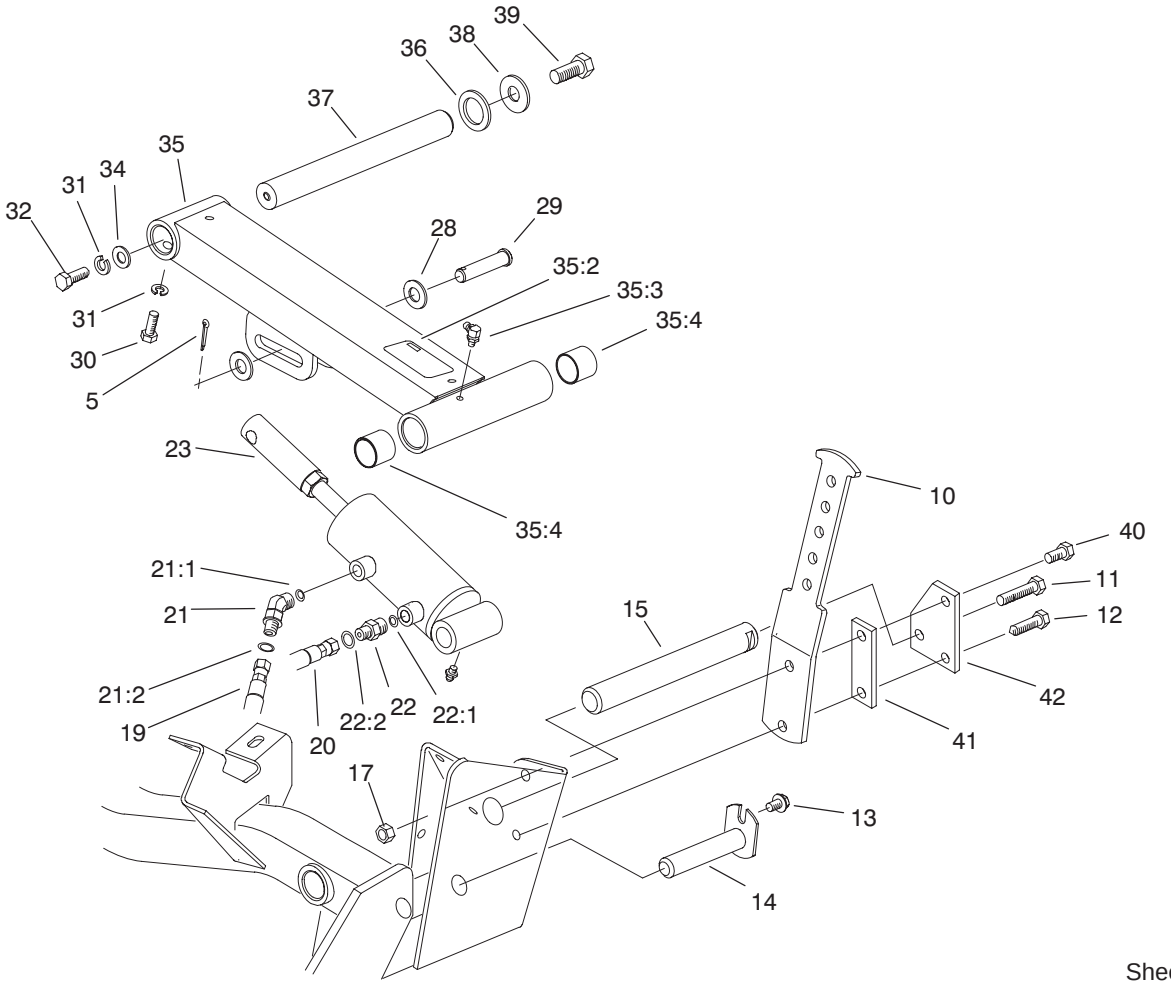


Sheet No.:A6
T–3720

Control Valve Assembly No. 43–1950–03

Ref. No.	Part No.	Qty.	Description
1	22–8330	2	Plug
2	237–42	2	O–Ring
3	22–8340	2	Spring
4	22–8350	2	Ball
5	22–8370	2	Seat–Valve
6	22–8360	2	Pin
8	22–8420	1	Spool
9	22–8500	2	O–Ring
10	22–8380	2	Retainer
11	22–8410	1	Spring
12	23–3030	1	Spacer
13	22–8480	1	Ring–Snap
14	22–8490	1	Ring–Snap

Ref. No.	Part No.	Qty.	Description

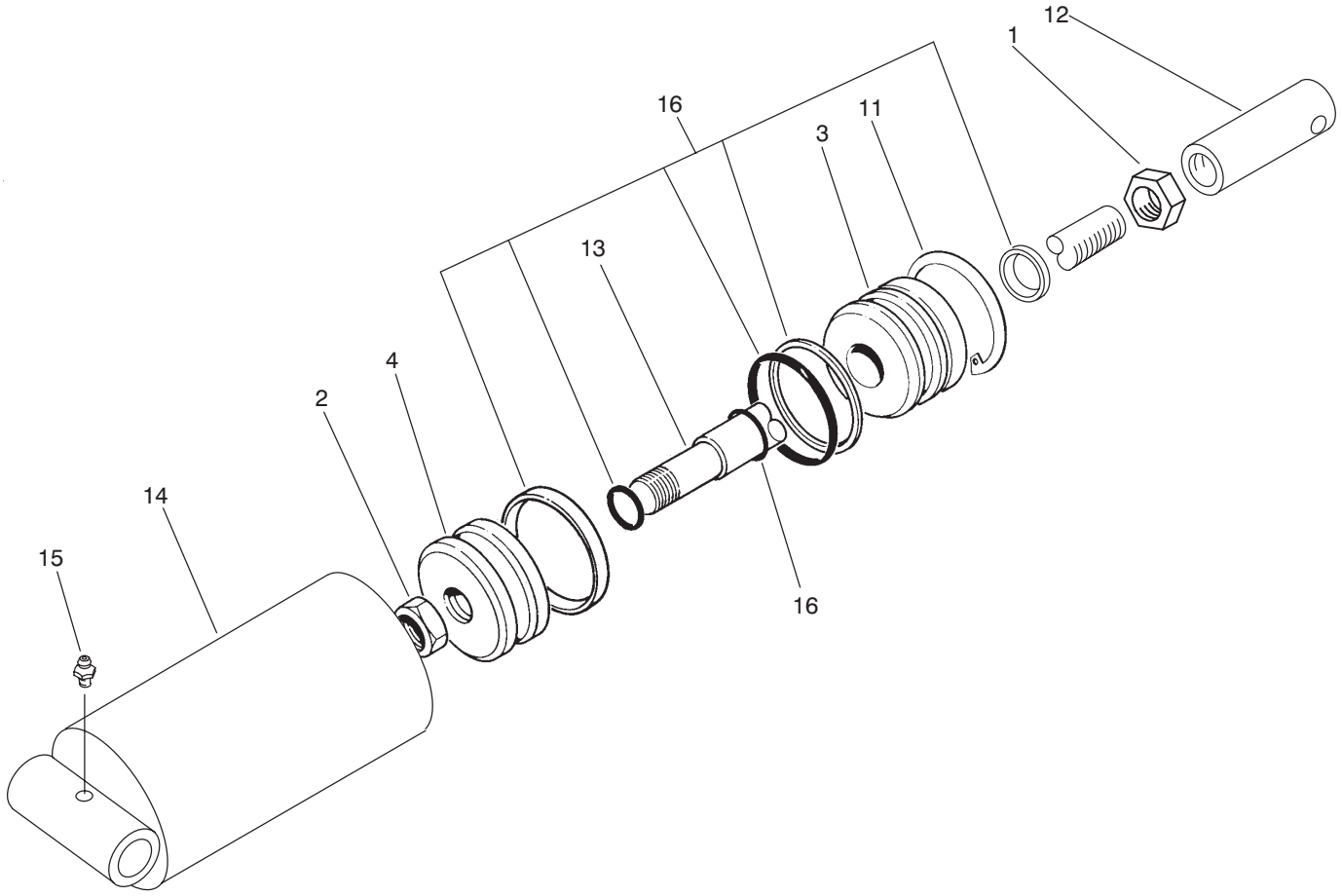


Sheet No.:20

Rear Lift Arm Assembly

Ref. No.	Part No.	Qty.	Description
5	3272–11	1	Pin–Cotter
10	92–1818–01	1	Arm–Spring, Tension
11	323–9	1	Screw–HH
12	32144–109	1	Screw
13	32144–14	1	Screw–HWH
14	93–6893	1	Pin–Pivot, Ram
15	92–1812	1	Shaft–Pivot, Lift
17	3296–39	1	Nut–Lock, NI
19	94–5009	1	Hose ASM
20	94–5008	1	Hose ASM
21	340–103	1	Fitting–HYD, 45°
21:1	237–78	1	O–Ring
21:2	237–21	1	O–Ring
22	340–92	1	Fitting–Straight, HYD
22:1	237–78	1	O–Ring
22:2	237–21	1	O–Ring
23	93–6869	1	HYD Cylinder ASM
28	3256–26	2	Washer–Flat
29	93–6926	1	Pin–Clevis
30	322–4	1	Screw–HH
31	3253–4	2	Washer–Lock
32	322–26	1	Screw–HH
34	3256–57	1	Washer–Flat
35	94–3635	1	Center Lift Arm ASM
35:2	93–6696	1	Decal–Loaded, Spring
35:3	302–60	1	Fitting–Lube

Ref. No.	Part No.	Qty.	Description
35:4	3–0348	2	Bushing
36	256–115	1	Washer–Thrust
37	99–2338	1	Shaft–Pivot
38	3256–6	1	Washer–Flat
39	3234–32	1	Screw–HHF
40	323–4	1	Screw–HH
41	98–3445	1	Spacer
42	98–3446	1	Plate–Reinforcement



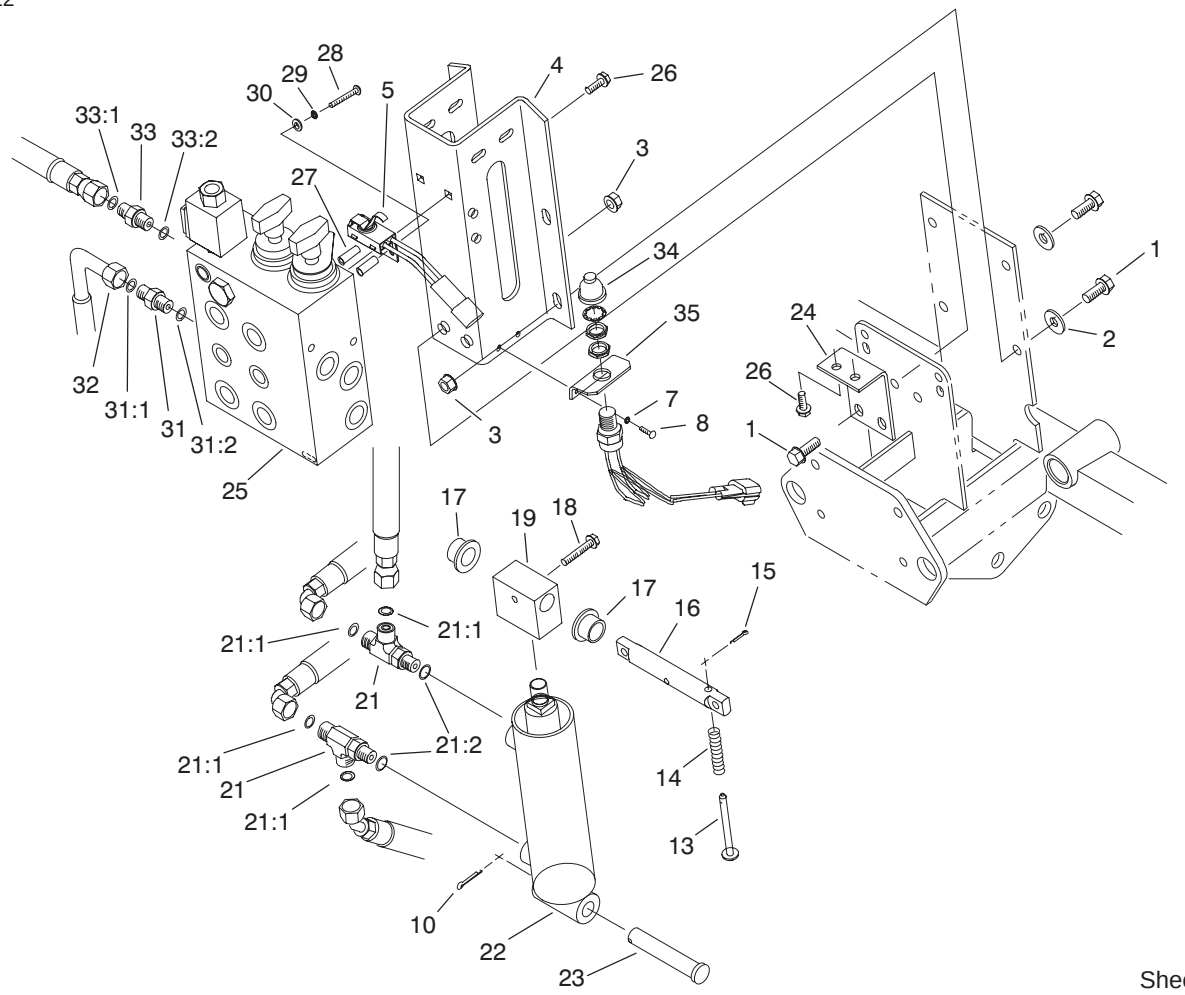
Sheet No.:A7

T–7315

Hydraulic Cylinder Assembly No. 93–6869

Ref. No.	Part No.	Qty.	Description
1	3220–6	1	Nut–Jam
2	32152–10	1	Locknut–Deform, Top
3	94–3615	1	Head–Cylinder
4	94–3616	1	Piston–Cylinder
11	94–3638	1	Ring–Retaining, Internal
12	94–3617	1	Clevis–Cylinder
13	94–3618	1	Shaft–Cylinder
14	94–3620	1	Barrel–Cylinder
15	302–58	1	Fitting–Grease
16	94–3619	1	Kit–Seal (2.25 In Bore)

Ref. No.	Part No.	Qty.	Description

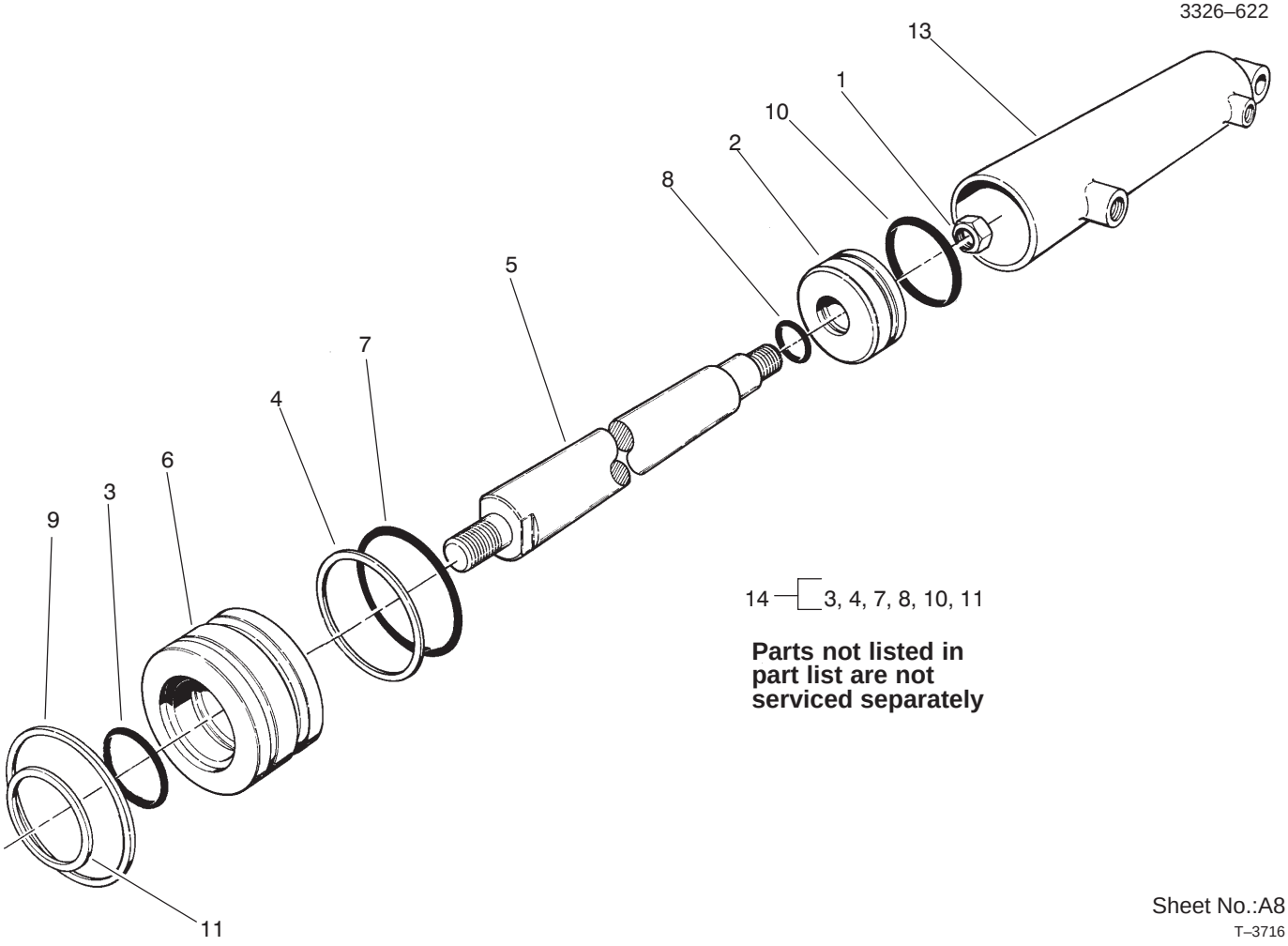


Sheet No.:21

Front Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
1	3234–25	6	Bolt–HF
2	80–6990	4	Washer–Hardened
3	32128–43	6	Nut–Flange
4	104–3858–03	1	Cylinder Support ASM
5	92–7905	1	Switch & Bracket ASM
7	3254–9	2	Washer–Lock/Int
8	3249–3	2	Screw
10	3272–11	1	Pin–Cotter
13	94–5010	1	Pin–Actuator, Switch
14	94–5011	1	Spring–Compression
15	3272–4	1	Pin–Cotter
16	72–4190	1	Pin–Guide, Cylinder
17	84–8440	2	Bushing
18	321–43	1	Capscrew
19	61–2450	1	Hub–Lift
21	340–86	2	Fitting–HYD, Tee
21:1	237–22	2	O–Ring
21:2	237–42	1	O–Ring
22	94–5031	1	Cylinder–Lift, HYD
23	283–78	1	Pin–Clevis
24	93–6733–03	1	Bracket–Mount, Valve
25	93–6718	1	Block–Valve
26	3234–5	3	Screw
27	93–6904	2	Spacer–Tube, Split
28	32105–1	2	Screw–SHH
29	3255–17	2	Washer–Lock/Ext

Ref. No.	Part No.	Qty.	Description
30	3256–14	2	Washer–Flat
31	340–2	1	Fitting–HYD, Straight
31:1	237–22	1	O–Ring
31:2	237–42	1	O–Ring
32	93–6935	1	Hose ASM
33	340–4	1	Adapter
33:1	237–30	1	O–Ring
33:2	237–79	1	O–Ring
34	94–3429	1	Switch–Ball
35	94–3424	1	Bracket–Mount, Switch

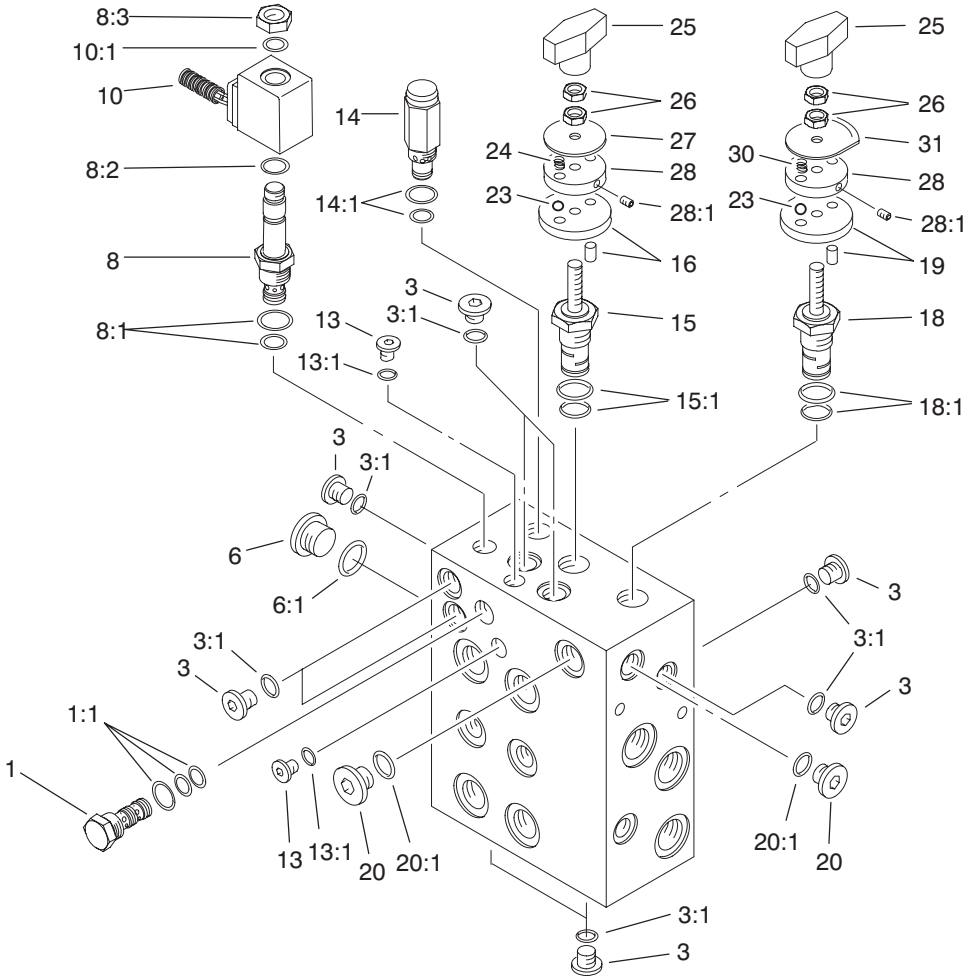


Sheet No.:A8
T–3716

Front Hydraulic Cylinder Assembly No. 94–5031

Ref. No.	Part No.	Qty.	Description
1	32152–10	1	Locknut–Deform, Top
2	94–3609	1	Piston–Cylinder
5	105–4098	1	Shaft–Cylinder
6	94–3611	1	Head–Cylinder
9	94–3612	1	Ring–Retaining
13	94–5032	1	Cylinder–Body
14	94–3614	1	Kit–Seal

Ref. No.	Part No.	Qty.	Description

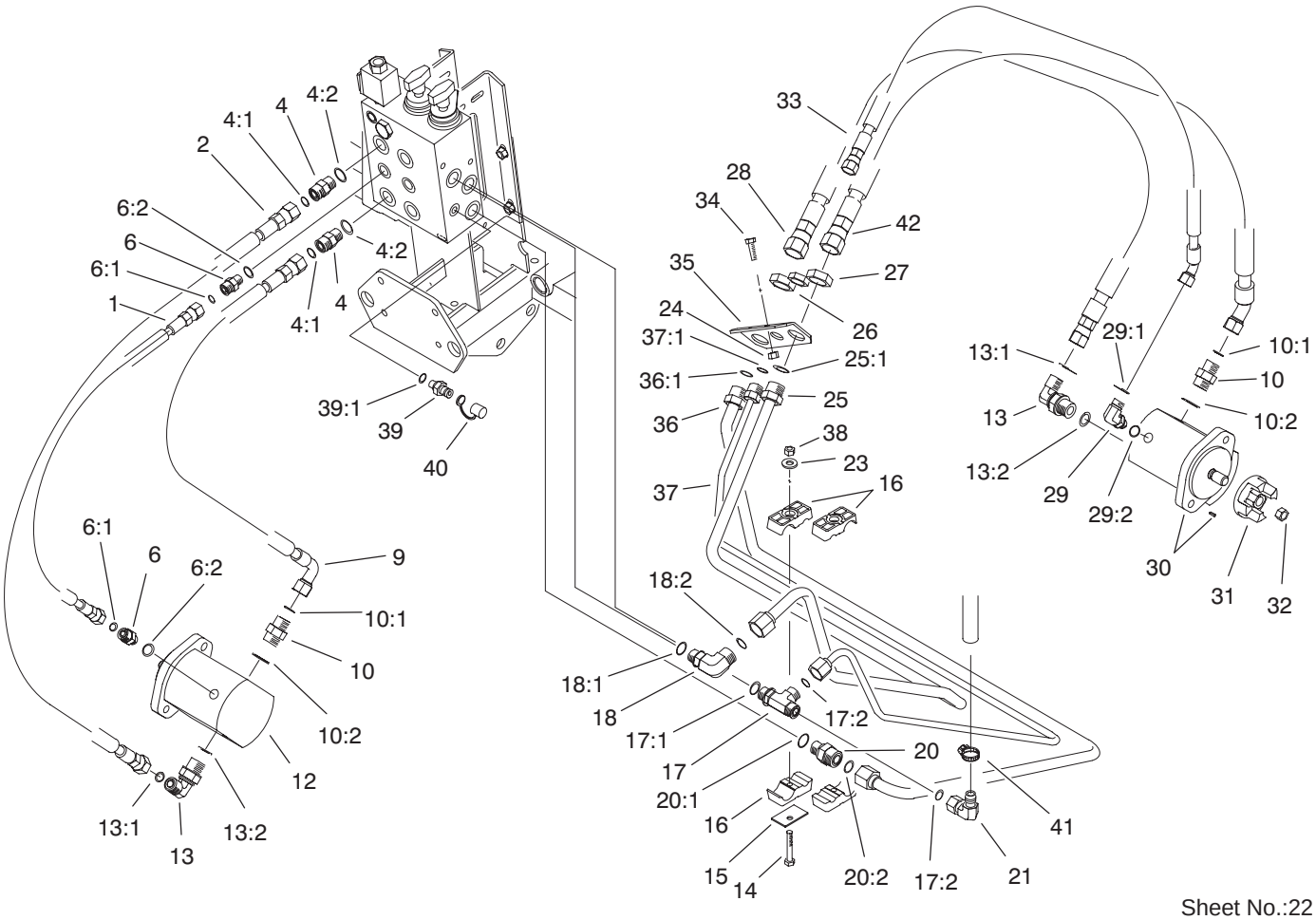


Sheet No.:A9
T–3717

Hydraulic Manifold Assembly No. 93–6718

Ref. No.	Part No.	Qty.	Description
1	69–4120	1	Cartridge–Logic
1:1	69–4240	1	Kit–Seal
3	353–990	7	Plug
3:1	237–78	1	O–Ring
6	353–988	1	Plug–Hex, Hollow
6:1	237–79	1	O–Ring
8	94–3656	1	Valve–Solenoid, N.o.poppet
8:1	75–2080	3	Kit–Seal
8:2	94–5438	2	Seal–Solenoid
8:3	69–4300	1	Nut
10	83–2010	1	Coil–Valve
10:1	94–5438	1	Seal–Solenoid
13	353–991	2	Plug–Hex, Hollow
13:1	237–156	1	O–Ring
14	94–3655	1	Valve–Relief
14:1	75–2080	1	Kit–Seal
15	94–3659	1	Control–Flow, Rotary
15:1	75–2080	1	Kit–Seal
16	94–5025	1	Plate–Locating
18	94–3657	1	Spool ASM
18:1	94–3661	1	Kit–Seal, 4–Way
19	94–5021	1	Plate–Locating
20	353–989	2	Plug–Hex, Hollow
20:1	237–42	1	O–Ring
23	255–13	4	Ball–Steel, Stainless

Ref. No.	Part No.	Qty.	Description
24	94–5027	2	Spring
25	94–5020	2	Knob ASM
26	3218–1	4	Nut–Jam
27	94–5026	1	Plate–Indicator
28	94–5023	2	Plate–Detent
28:1	3245–36	1	Screw–HSH
30	94–5024	2	Spring
31	94–5022	1	Plate–Indicator

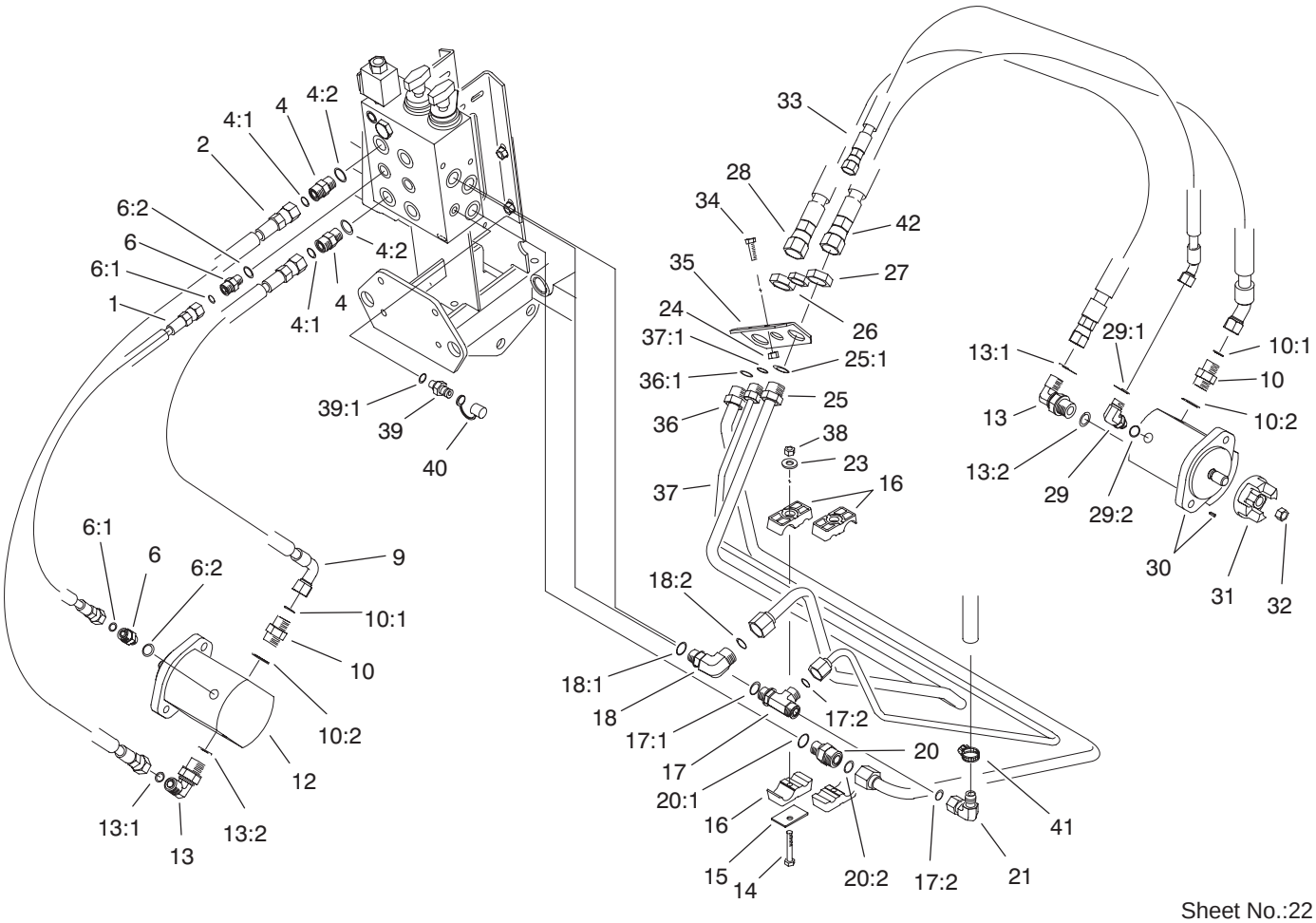


Sheet No.:22

Reel Motor Assembly

Ref. No.	Part No.	Qty.	Description
1	94–5986	2	Hose ASM
2	94–5987	2	Hose ASM
4	340–4	4	Adapter
4:1	237–30	1	O–Ring
4:2	237–79	1	O–Ring
6	340–2	4	Fitting–HYD, Straight
6:1	237–22	2	O–Ring
6:2	237–42	2	O–Ring
9	94–5985	2	Hose ASM
10	340–6	3	Fitting–Straight, HYD
10:1	237–30	2	O–Ring
10:2	237–80	2	O–Ring
12	93–6972	2	Motor–Gear
13	340–105	3	Fitting–90°
13:1	237–80	2	O–Ring
13:2	237–30	2	O–Ring
14	322–10	2	Screw–HH
15	69–9760	2	Coverplate
16	56–7970	4	Clamp–Tube
17	340–109	1	Fitting–HYD
17:1	237–79	1	O–Ring
17:2	237–30	2	O–Ring
18	340–153	1	Fitting–HYD
18:1	237–79	1	O–Ring
18:2	237–151	1	O–Ring
20	340–155	1	Fitting–HYD

Ref. No.	Part No.	Qty.	Description
20:1	237–79	1	O–Ring
20:2	237–151	1	O–Ring
21	93–6803	1	Fitting–90°
23	3256–3	2	Washer–Flat
24	32128–44	2	Nut
25	93–6918	1	Tube–HYD
25:1	237–65	1	O–Ring
26	340–70	1	Locknut–Bulkhead
27	340–74	2	Locknut–Bulkhead
28	93–6790	1	Hose–HYD
29	340–77	1	Fitting–HYD, 90°
29:1	237–22	1	O–Ring
29:2	237–42	1	O–Ring
30	93–6975	1	Motor–Gear
31	93–8823	3	Coupler–Motor, Reel
32	32128–48	3	Nut–HHF
33	93–6789	1	Hose–HYD
34	3234–5	2	Screw
35	93–6796–01	1	Bracket–Bulkhead
36	93–6919	1	Tube–HYD
36:1	237–65	1	O–Ring
37	93–6920	1	Tube–HYD
37:1	237–30	1	O–Ring
38	3296–29	2	Nut–Lock NI
39	354–77	1	Fitting–Quick
39:1	237–78	1	O–Ring

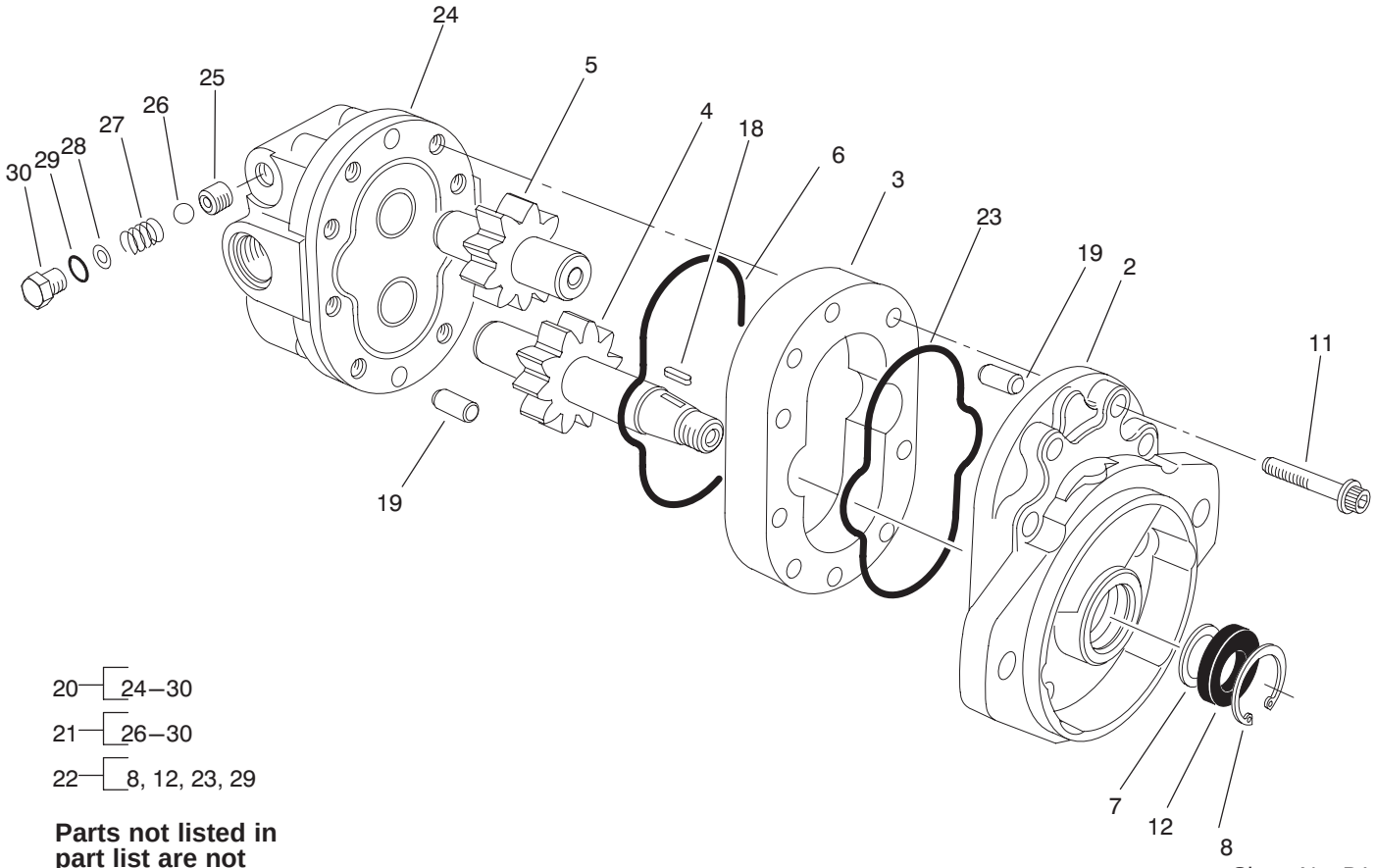


Sheet No.:22

Reel Motor Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
40	354–79	1	Cap–Fitting, Yellow
41	2412–36	1	Clamp–Hose
42	94–5129	1	Hose ASM

Ref. No.	Part No.	Qty.	Description



20 — 24–30

21 — 26–30

22 — 8, 12, 23, 29

Parts not listed in part list are not serviced separately

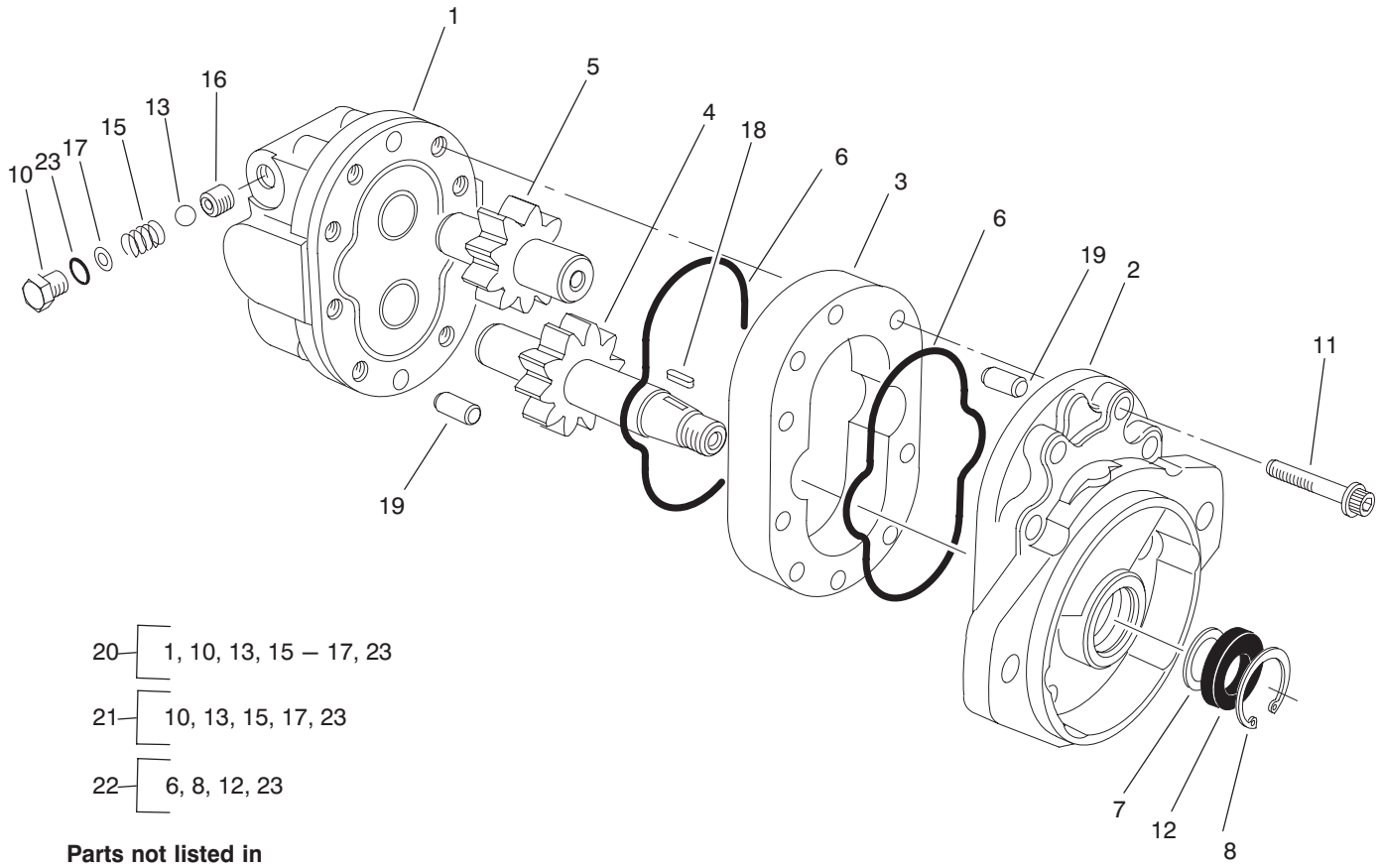
Sheet No.:B1

T–3718

Gear Motor Assembly No. 93–6972

Ref. No.	Part No.	Qty.	Description
2	66–5730	1	Front Plate ASM
3	94–3603	1	Motor Body ASM
4	94–3602	1	Drive Gear ASM
5	94–3601	1	Idler Gear ASM
6	59–8420	2	Ring
7	60–5890	1	Washer
8	59–8320	1	Ring–Retaining
11	94–3600	8	Capscrew
12	66–5710	1	Seal–Shaft
18	94–3606	1	Key
19	42–2010	2	Pin–Dowel
20	94–3604	1	Backplate ASM
21	92–9260	1	Kit–Valve, Relief
22	93–1413	1	Kit–Seal

Ref. No.	Part No.	Qty.	Description



Parts not listed in partlist are not serviced separately.

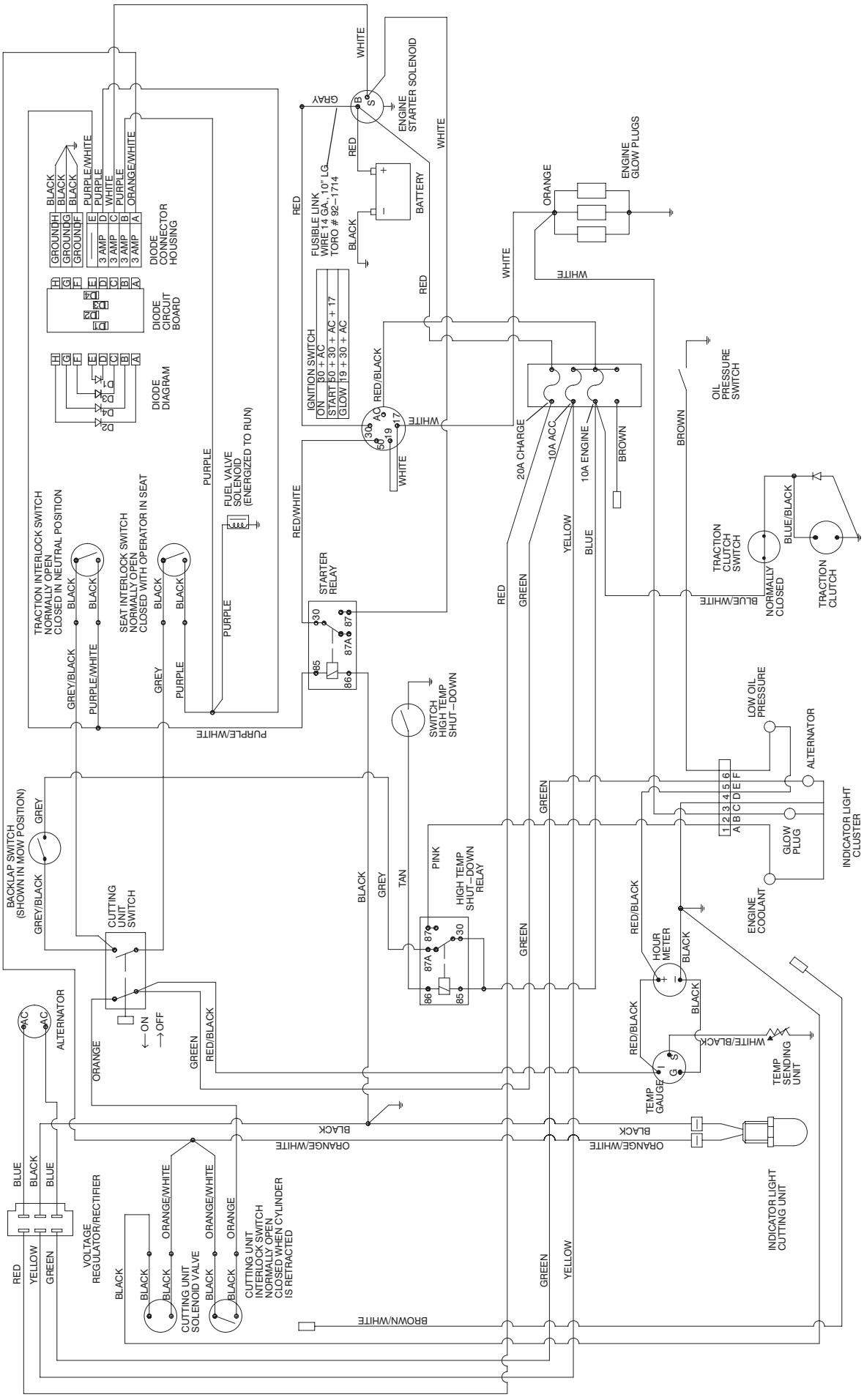
Sheet No.:B2
T–3569

Gear Motor Assembly No. 93–6975

Ref. No.	Part No.	Qty.	Description
2	66–5730	1	Front Plate ASM
3	94–3603	1	Motor Body ASM
4	94–3602	1	Drive Gear ASM
5	94–3601	1	Idler Gear ASM
6	59–8420	2	Ring
7	60–5890	1	Washer
8	59–8320	1	Ring–Retaining
11	94–3600	8	Capscrew
12	66–5710	1	Seal–Shaft
18	94–3606	1	Key
19	42–2010	2	Pin–Dowel
20	94–3605	1	Backplate ASM
21	92–9260	1	Kit–Valve, Relief
22	93–1413	1	Kit–Seal

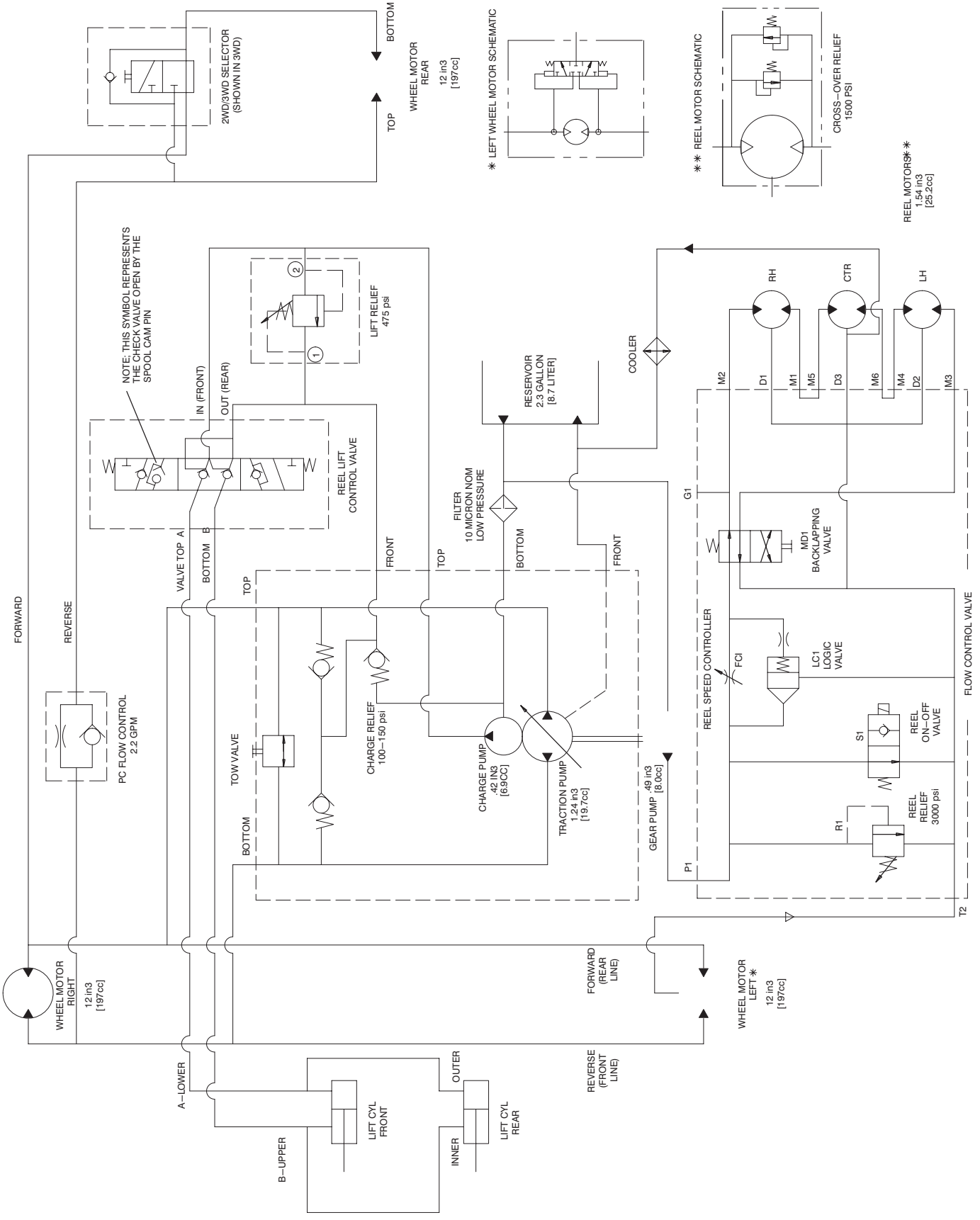
Ref. No.	Part No.	Qty.	Description

Electrical Schematic



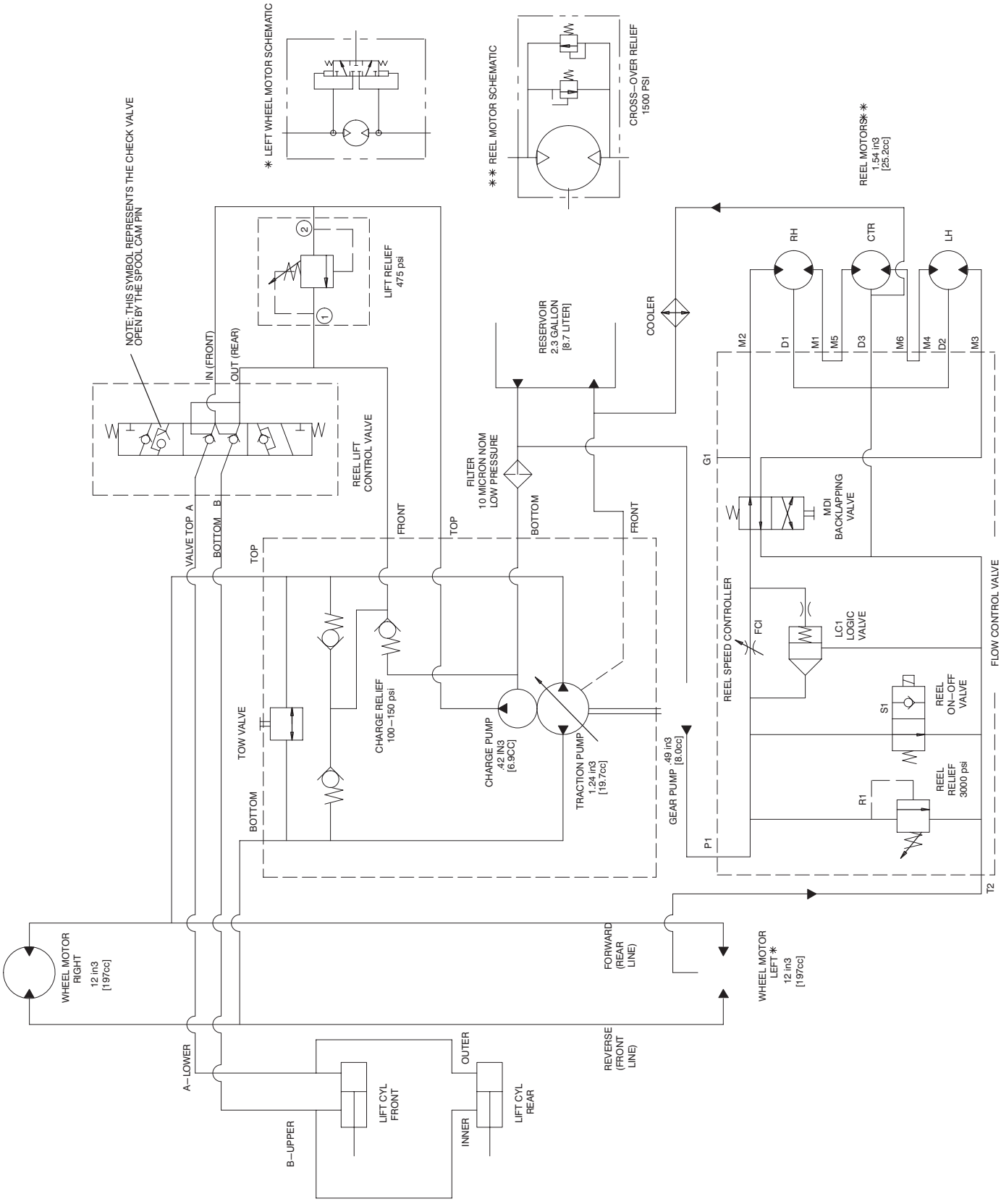
T–2213–3

Hydraulic Schematic (only on: 03427)

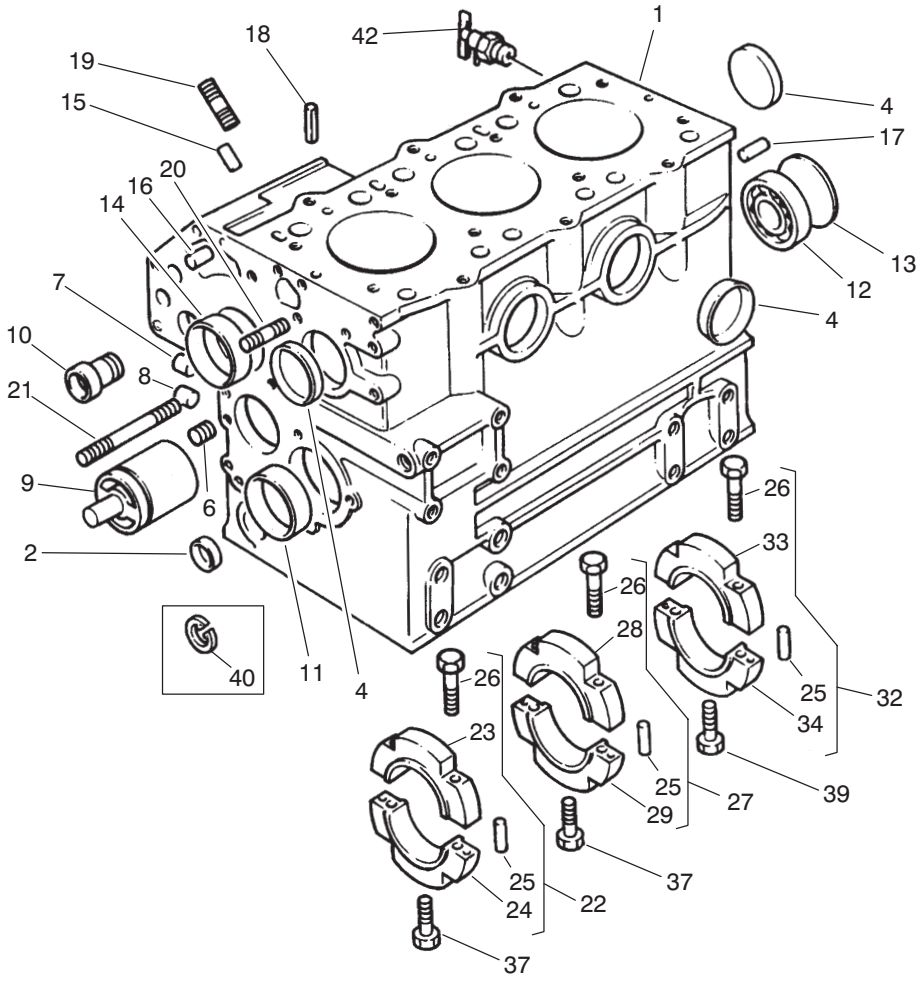


T–2439–4

Hydraulic Schematic (only on: 03422)



T–2438–3

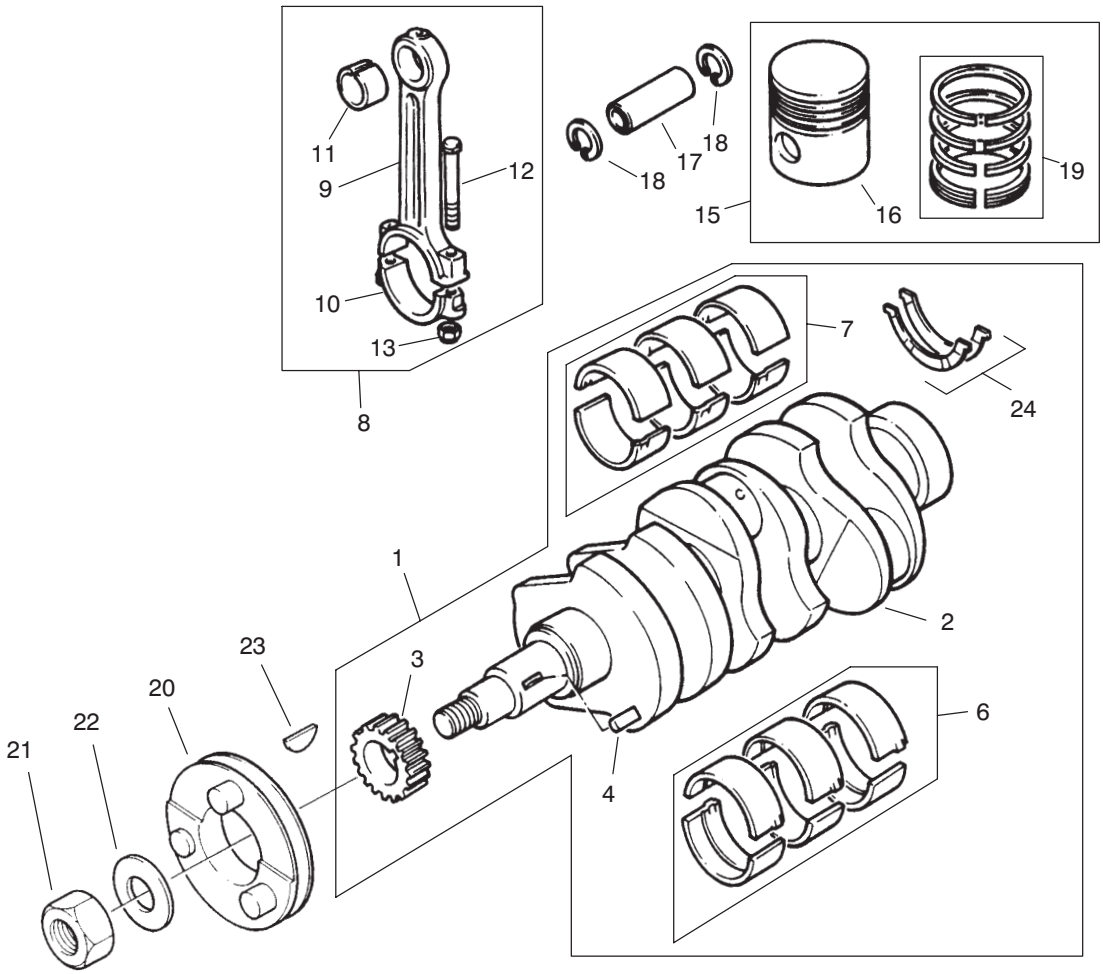


Cylinder Block Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	110186150	1	Kit–Cylinder Block
2	064200015	1	Plug
4	064200040	4	Plug
6	198466050	3	Plug
7	198466010	4	Plug
8	198466070	2	Plug
9	165296160	1	Shaft
10	198517090	1	Bushing
11	198517300	1	Bushing
*	198517304	1	Bushing 0.25mm US
*	198517307	1	Bushing 0.50mm US
12	040106203	1	Bearing–Ball
13	064100045	1	Plug
14	042303015	1	Bushing
15	030500512	2	Dowel
16	030500616	2	Dowel
17	030500820	2	Dowel
18	030309005	2	Pin
19	012100620	2	Stud
20	012100635	1	Stud
21	012100660	1	Stud
22	110156220	1	Holder (Incl. Ref. #23 & 24)
23		1	Cap

Ref. No.	Part No.	Qty.	Description
24		1	Cap
25	030500612	6	Dowel
26	010810840	6	Screw
27	110156230	1	Holder (Incl. Ref. #28 & 29)
28		1	Cap
29		1	Cap
32	110156240	1	Holder (Incl. Ref. #33 & 34)
33		1	Cap
34		1	Cap
37	011310850	2	Screw
39	010700845	2	Screw
40	036509005	1	Circlip
41	064200018	2	Plug
42	198736052	1	Cock
*	195906840	1	Kit–Gasket

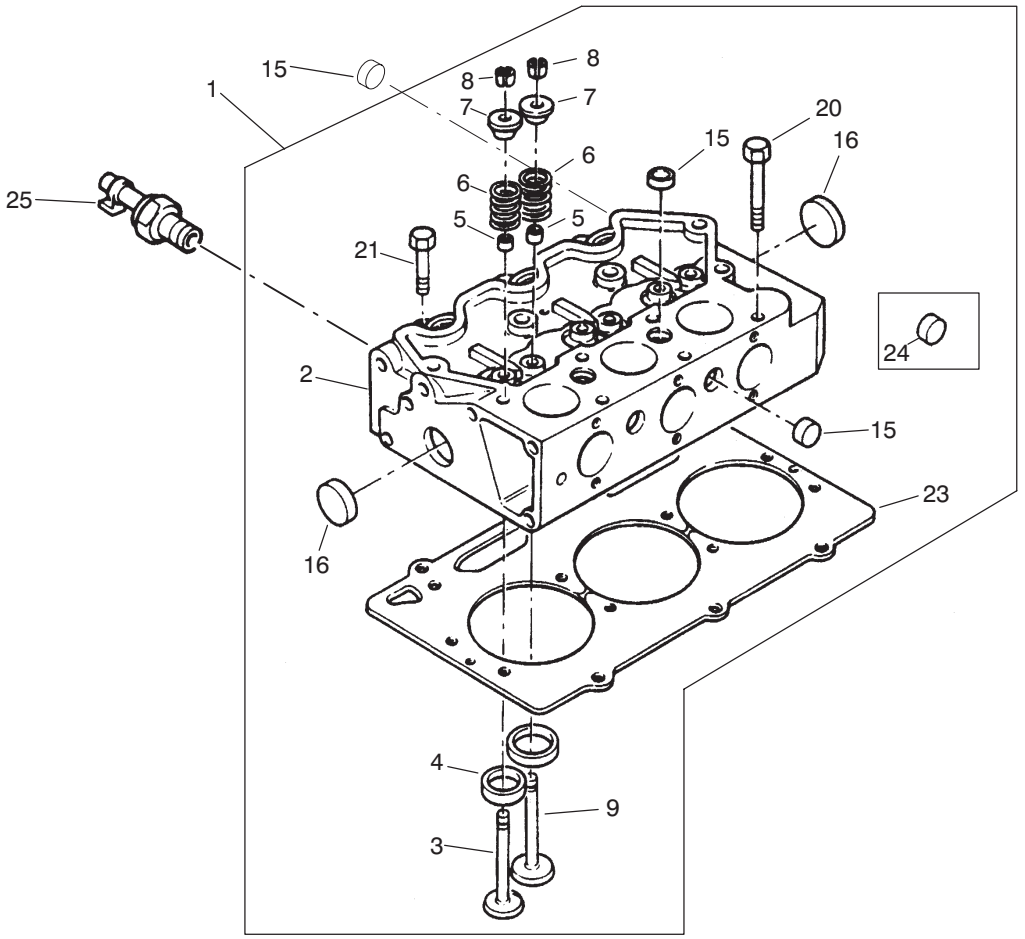
NOTE: Obtain replacement parts from your local Perkins Dealer.
*Not Illustrated



Crankshaft Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	115236020	1	Kit–Crankshaft (Incl. Ref. #2–4, 6–7 & 24)
2		1	Crankshaft
3	115276210	1	Gear
4	030509020	1	Key
6	198586030	1	Kit–Bearing Std.
*	198586034	1	Kit–Bearing 0.25mm US
*	198586037	1	Kit–Bearing 0.50mm US
7	198586060	1	Kit–Bearing Std.
*	198586064	1	Kit–Bearing 0.25mm US
*	198586067	1	Kit–Bearing 0.50mm US
8	115026240	3	Asm–Connecting Rod (Incl. Ref. # 9–13)
9		1	Rod
10		1	Cap
11	198517325	1	Bushing
12	115176130	2	Screw
13	020109103	2	Nut
15	115017340	1	Kit–Piston Std. (Incl. Ref. #16 & 19)
*	115016970	1	K–– Piston 0.5mm OS (Incl. Ref. #16 & 19)
16		1	Piston
17	115326260	1	Pin
18	036500019	2	Circlip
19	115107820	1	Kit–Piston Ring Std.
*	115107410	1	Kit–Piston Ring 0.5mm OS
20	115397720	1	Pulley
21	020800018	1	Nut
22	026200018	1	Washer
23	034100508	1	Key
24		2	Ring

NOTE: Obtain replacement parts from your local Perkins Dealer.
*Not Illustrated

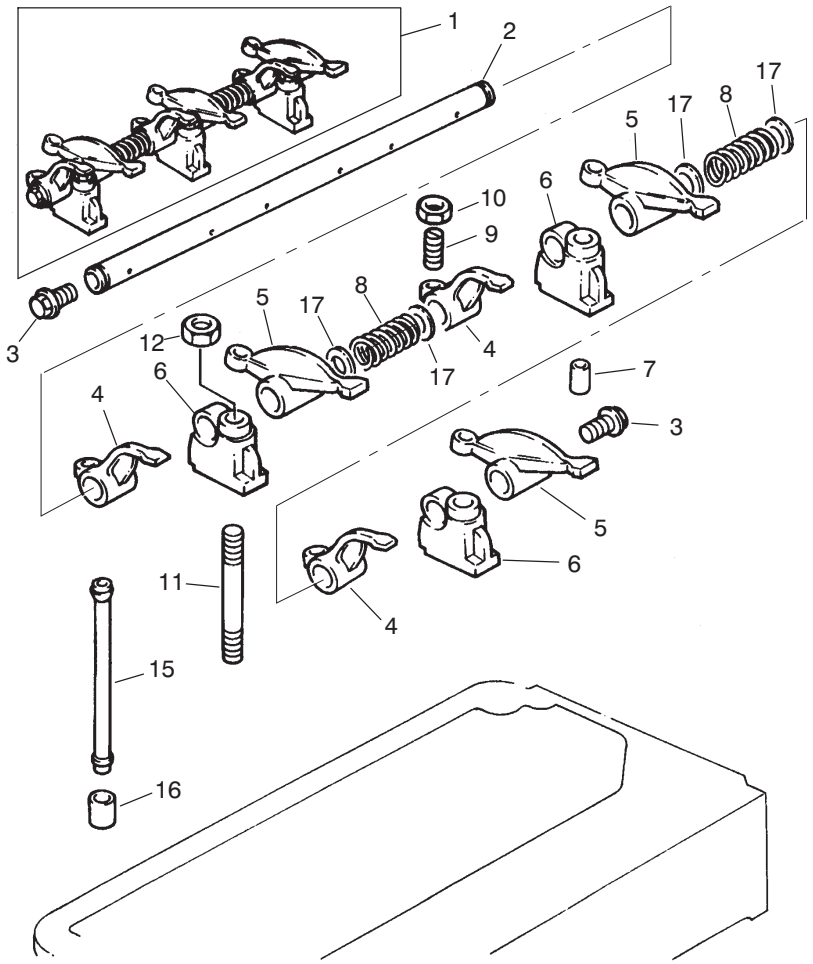


Cylinder Head Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	111016911	1	Kit–Cylinder Head
2	111086030	1	Kit–Cylinder Head
3	120166280	3	Valve Inlet
5	120406080	6	Seal
6	198217070	6	Spring
7	120186100	6	Cap
8	120226080	12	Cotter
9	120176290	3	Valve–Exhaust
10	110136290	6	Insert
15	198466070	4	Plug
16	064200022	6	Plug
20	111136340	11	Screw
21	111136350	3	Screw
23	111147400	1	Gasket 1.3 mm OS
24	064200018	2	Plug
25	185246060	1	Switch–Oil Pressure

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer

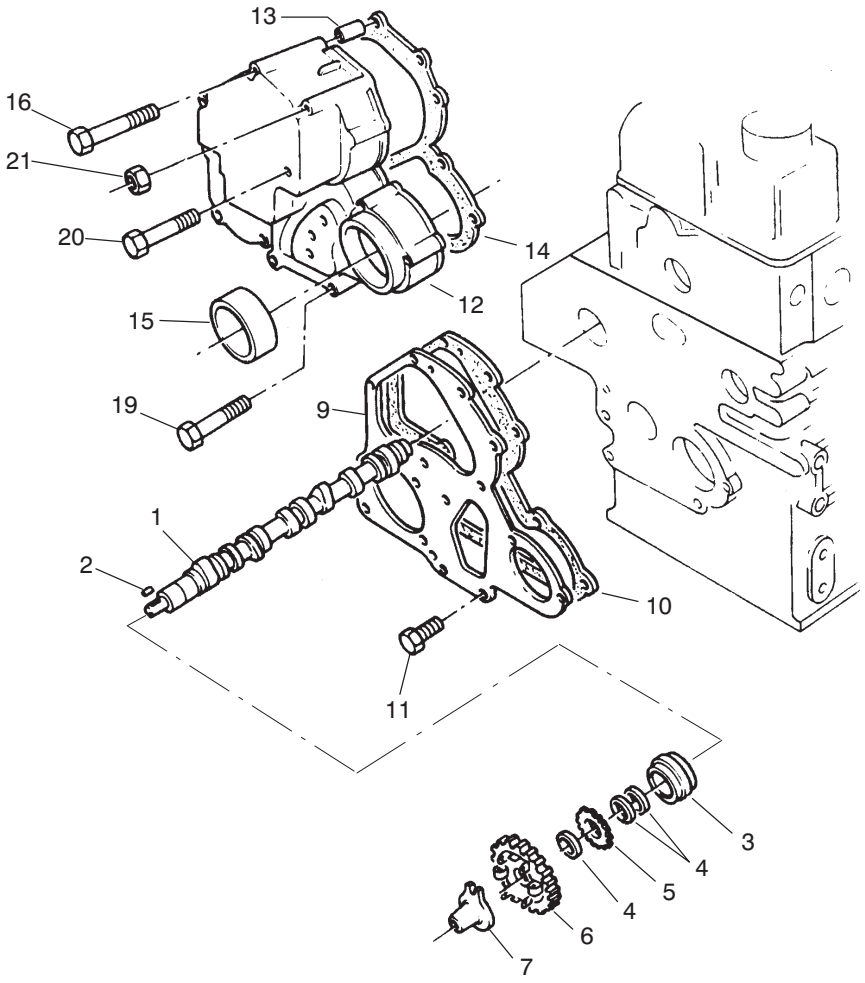


Rocker Arm Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	120036330	1	Asm–Rocker Shaft
2	120316190	1	Shaft
3	064609006	2	Plug
4	120356120	3	Lever
5	120356110	3	Lever
6	120346170	3	Bracket
7	030300325	1	Pin
8	198217080	2	Spring
9	199486220	6	Adjusting Screw
10	020109076	6	Nut
11	012109177	3	Stud
12	023100008	3	Nut
15	120456240	6	Rod
16	120116160	6	Tappet
17	199280280	4	Washer

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

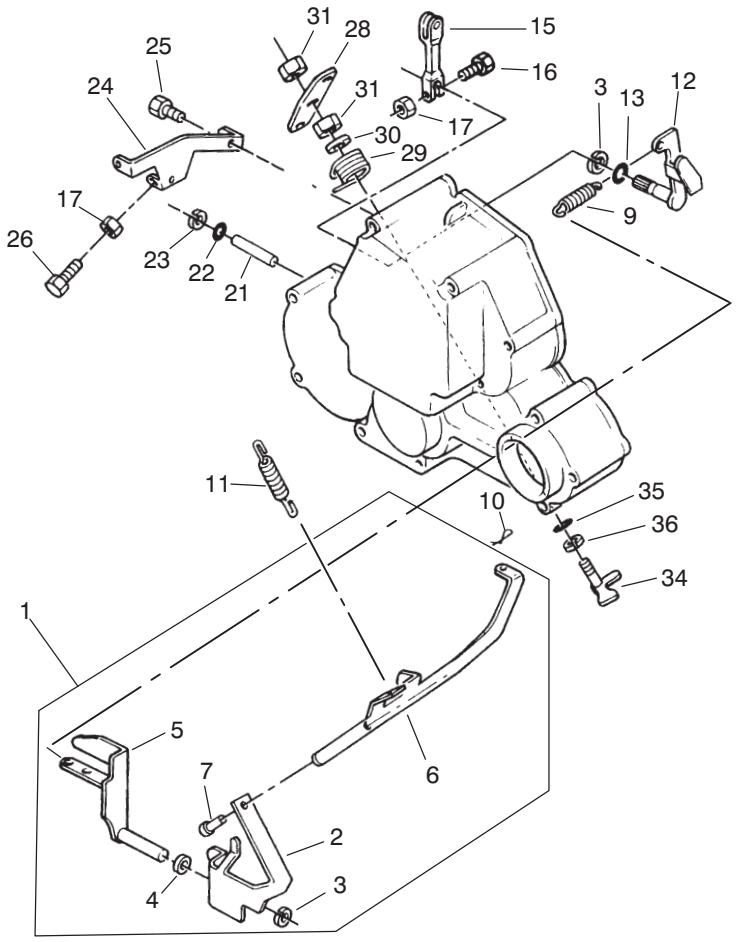


Camshaft Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	120026121	1	Camshaft
2	034100508	1	Key
3	040109059	1	Bearing
4	199216230	3	Spacer
5	120736081	1	Gear
6	120016030	1	Gear
7	125256120	1	Tappet
9	165166260	1	Plate
10	165996400	1	Joint
11	011300612	3	Bolt
12	165106131	1	Cover
13	030300414	1	Pin
14	165996410	1	Joint
15	198636090	1	Seal
16	011300680	2	Screw
19	011300640	4	Screw
20	011300660	2	Screw
21	023100006	1	Nut

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

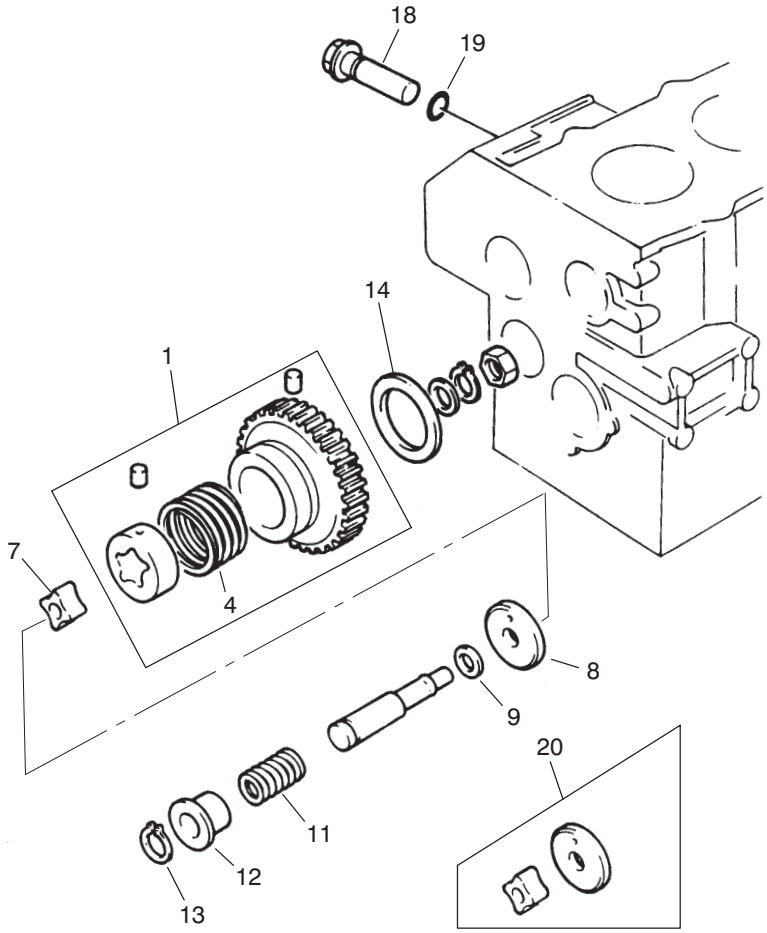


Timing Cover Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	125046250	1	Lever (Incl. Ref. #2–7)
2		1	Lever
3	036800008	2	Circlip
4	026200010	1	Washer
5	125406071	1	Lever
6		1	Link
7		1	Pin
9	198217220	1	Spring
10	031100004	1	Pin
11	198216731	1	Spring
12	125156170	1	Arm
13	052100070	1	O Ring
15	125416020	1	Lever
16	010110630	1	Screw
17	023100006	3	Nut
21	125116130	1	Shaft
22	052100030	1	O–Ring
23	036800005	1	Circlip
24	125976120	1	Stay
25	011300616	2	Screw
26	010109264	2	Screw
28	125176080	1	Lever
29	198216760	1	Spring

Ref. No.	Part No.	Qty.	Description
30	026200008	1	Washer
31	020300008	2	Nut
34	125156180	1	Arm
35	052100050	1	O–Ring
36	036800006	1	Circlip

NOTE: Obtain replacement parts from your local Perkins Dealer.

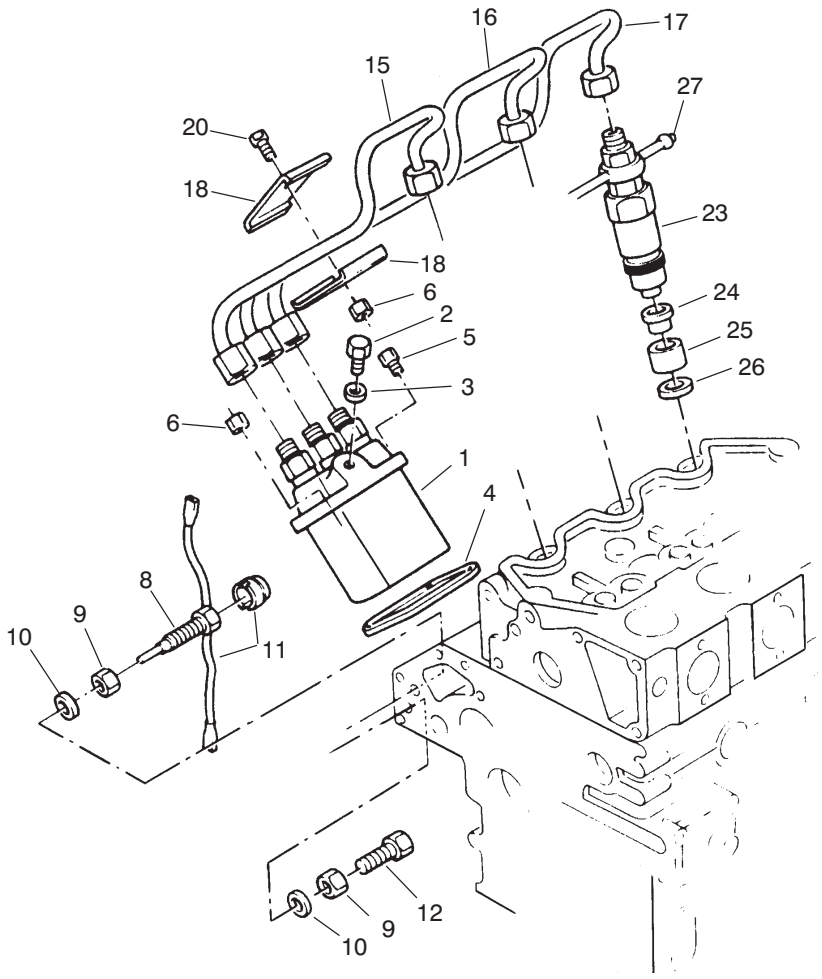


Oil Pump Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	165026110	1	Asm—Gear (Incl. Ref. #4)
4	198216821	1	Spring
7	140166130	1	Rotor
8	140116140	1	Cover
9	199286150	1	Shim 0.10mm OS
*	199286160	1	Shim 0.15mm OS
*	199286170	1	Shim 0.20mm OS
*	199286180	1	Shim 0.50mm OS
11	198216720	1	Spring
12	199236540	1	Collar
13	036800010	1	Circlip
14	199266180	1	Washer
18	140036120	1	Valve
19	052100150	1	O—Ring
20	140186010	1	Kit—Repalr

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.
*Not Illustrated

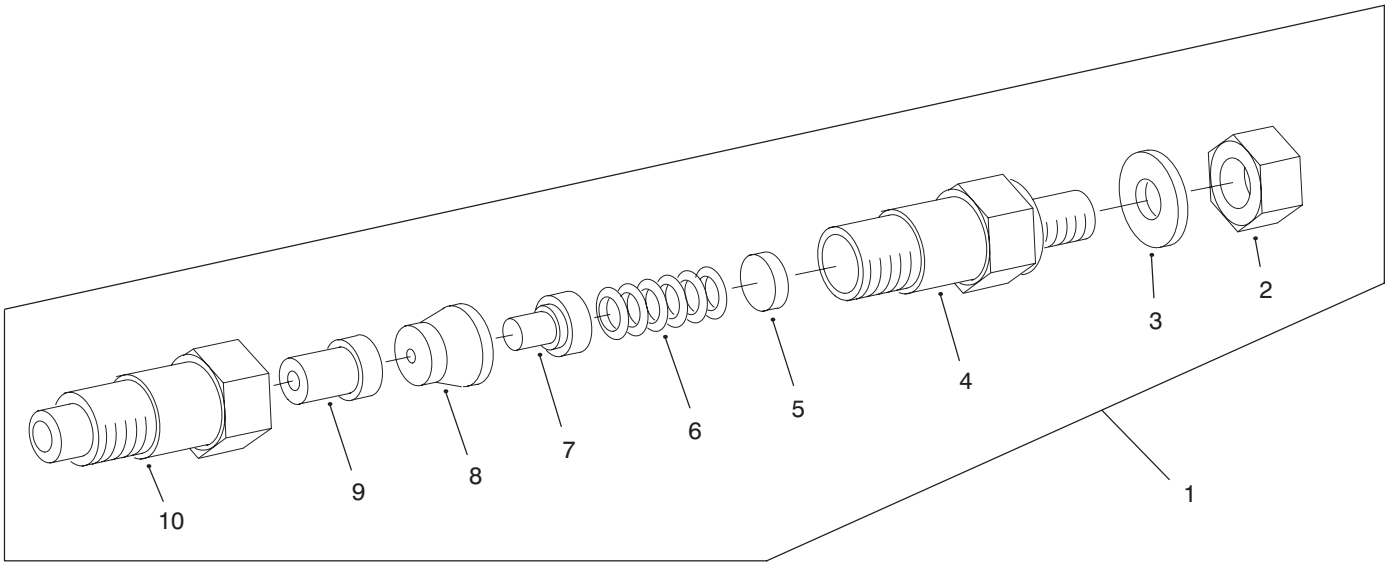


Fuel Injection System Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	131017610	1	Injection Pump
2	131236280	1	Screw
3	025100006	1	Washer
4	131426300	1	Shim 0.2 mm
5	011300620	2	Screw
6	023100006	4	Nut
8	131046160	1	Screw
9	023109002	2	Nut
10	025100010	2	Washer
11	198236030	1	Wire
12	010109270	1	Screw
15	131507010	1	Injection Pipe No. 1 Cyl.
16	131507020	1	Injection Pipe No. 2 Cyl.
17	131507030	1	Injection Pipe No. 3 Cyl.
18	199106020	4	Damper
20	010100625	2	Screw
23	131406340	3	Atomizer
24	131426200	3	Gasket
25	111316280	3	Insert
26	198996090	3	Seal
27	131606260	1	Pipe

Ref. No.	Part No.	Qty.	Description

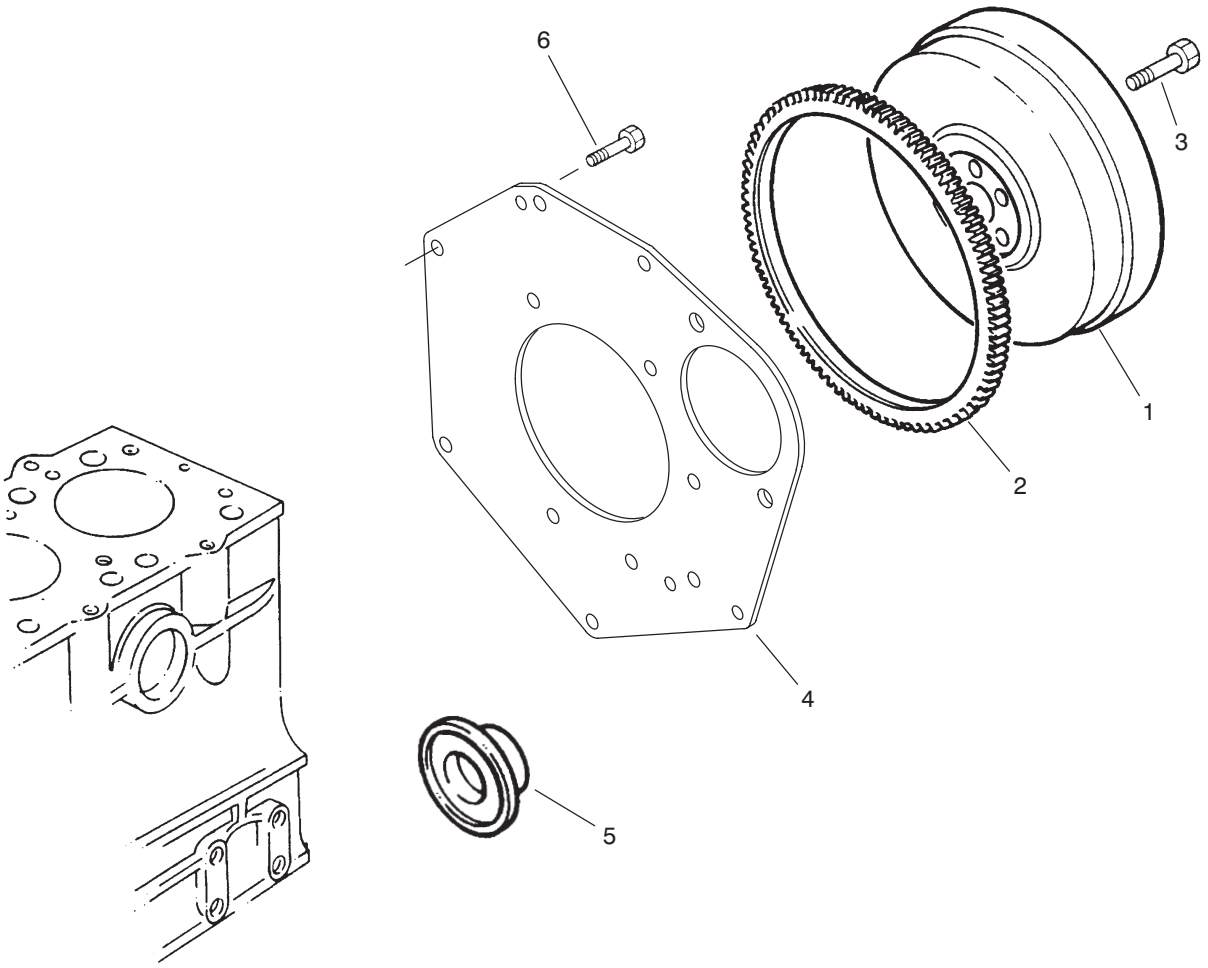
NOTE: Obtain replacement parts from your local Perkins Dealer.



Injection Pump Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	131406340	3	Atomizer (Incl. Ref. #2–10)
2	131446069	1	Nut
3	131426210	1	Washer
4	131446065	1	Body
5	131437250	1	Shim 0.90mm OS
*	131437251	1	Shim 0.925mm OS
*	131437252	1	Shim 0.95mm OS
*	131437253	1	Shim 0.975mm OS
*	131437354	1	Shim 1.00mm OS
*	131437255	1	Shim 1.025mm OS
*	131437256	1	Shim 1.05mm OS
*	131437257	1	Shim 1.075mm OS
*	131437258	1	Shim 1.10mm OS
*	131437259	1	Shim 1.125mm OS
*	131437260	1	Shim 1.15mm OS
*	131437261	1	Shim 1.175mm OS
*	131437262	1	Shim 1.20mm OS
*	131437263	1	Shim 1.225mm OS
*	131437264	1	Shim 1.250mm OS
*	131437265	1	Shim 1.275mm OS
*	131437266	1	Shim 1.30mm OS
*	131437267	1	Shim 1.325mm OS
*	131437268	1	Shim 1.35mm OS
*	131437269	1	Shim 1.375mm OS
*	131437270	1	Shim 1.40mm OS
*	131437271	1	Shim 1.425mm OS
*	131437272	1	Shim 1.45mm OS
6	131446066	1	Spring
7	131446070	1	Pin
8	131446068	1	Spacer
9	131416150	1	Nozzle
10	131446067	1	Nut

NOTE: Obtain replacement parts from your local Perkins Dealer.
*Not Illustrated

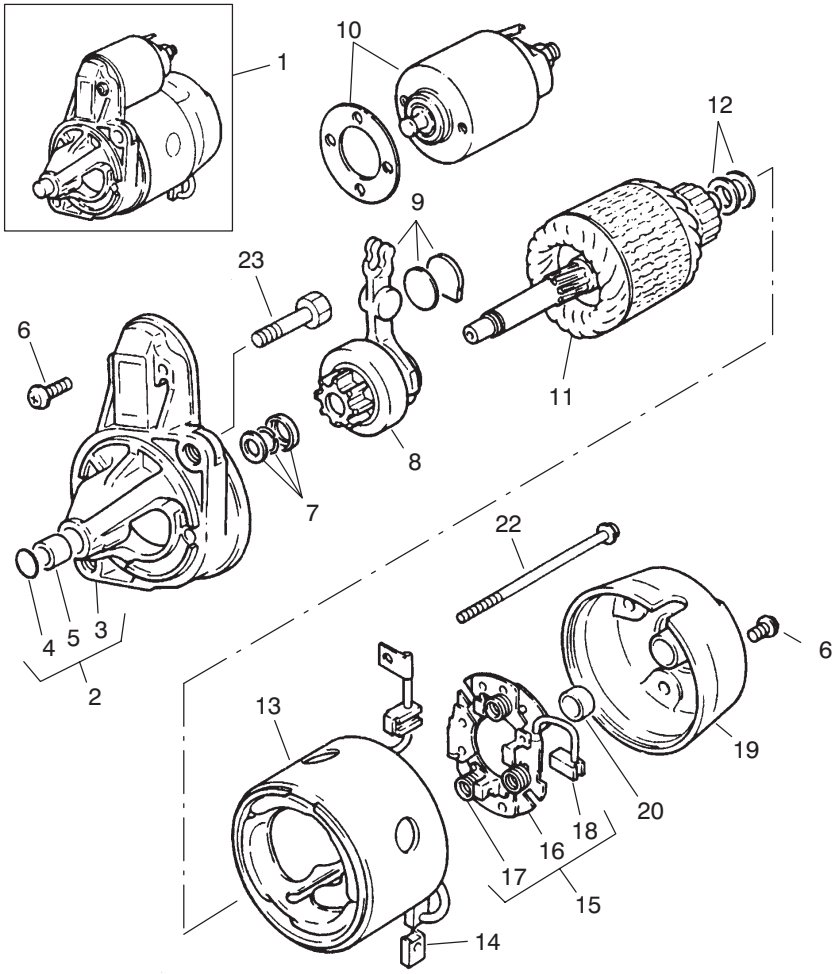


Flywheel Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	115356922	1	Flywheel
2	115376150	1	Gear—Ring
3	010109330	4	Screw
4	110367650	1	Plate
5	198636080	1	Seal
6	011310816	10	Screw

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

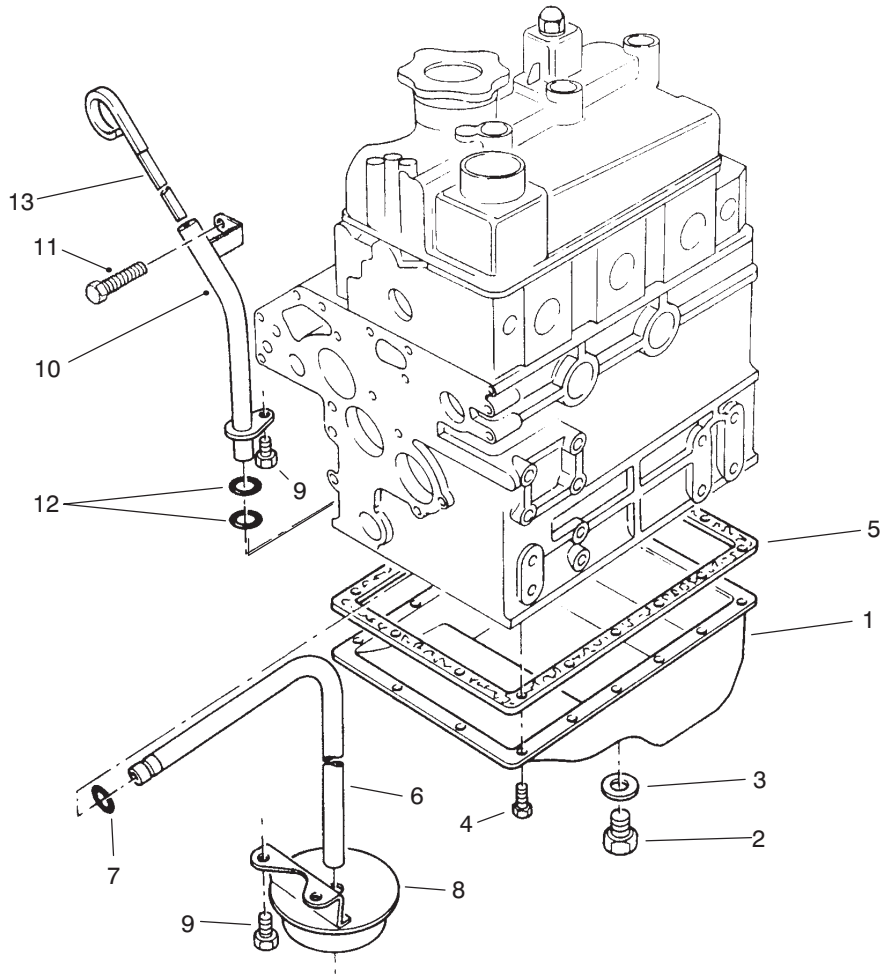


Starter Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	185086370	1	Startermotor
2	185846471	1	Cover (Incl. Ref. #3 & 4)
3		1	Cover
4		1	Ring
5	185846472	2	Bushing
6	185846468	5	Screw
7	185846473	1	Washer
8	185866240	1	Pinion
9	185846469	1	Lever
10	185816220	1	Switch
11	185846474	1	Armature
12	185846475	1	Washer
13	185846476	1	Yoke
14	185416400	1	Brush
15	185416390	1	Holder (Incl. Ref. #16–18)
16		1	Holder
17	185886010	1	Spring
18	185416410	1	Brush
19	185846477	1	Cover
20	185846478	1	Bushing
22	185846470	2	Screw
23	011401020	2	Screw

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

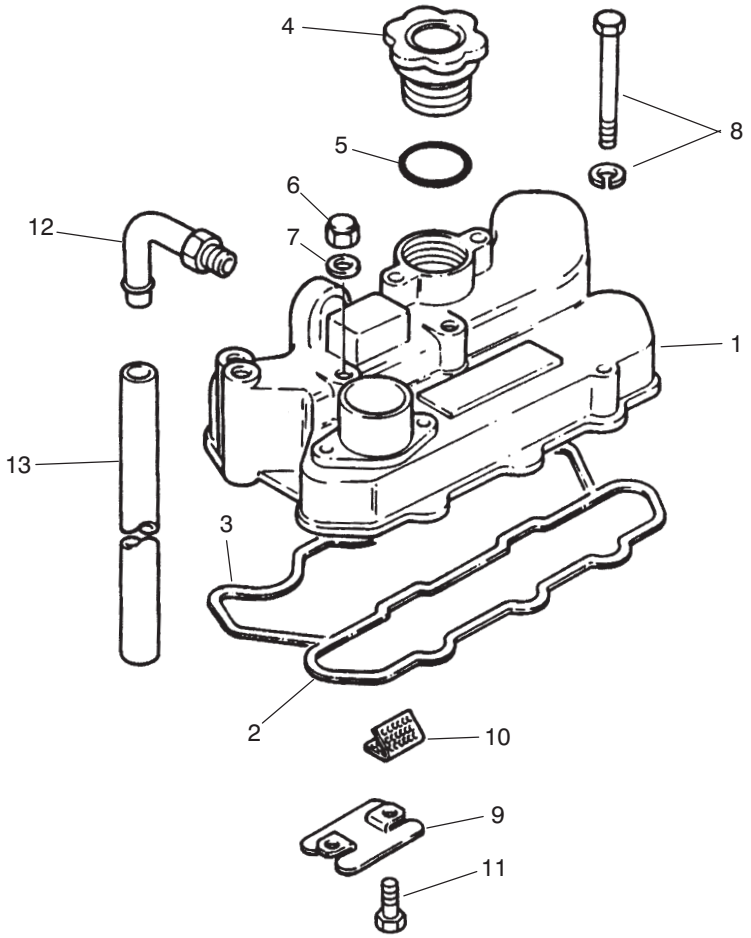


Oil Sump Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	110706860	1	Sump
2	010401212	2	Plug
3	025100012	2	Washer
4	010109235	18	Screw
5	110996590	1	Gasket
6	140986590	1	Pipe
7	052109076	1	O−Ring
8	140406310	1	Strainer
9	011300612	3	Bolt
10	110756380	1	Tube
11	011300812	1	Screw
12	052100100	2	O−Ring
13	198416371	1	Dipstick

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

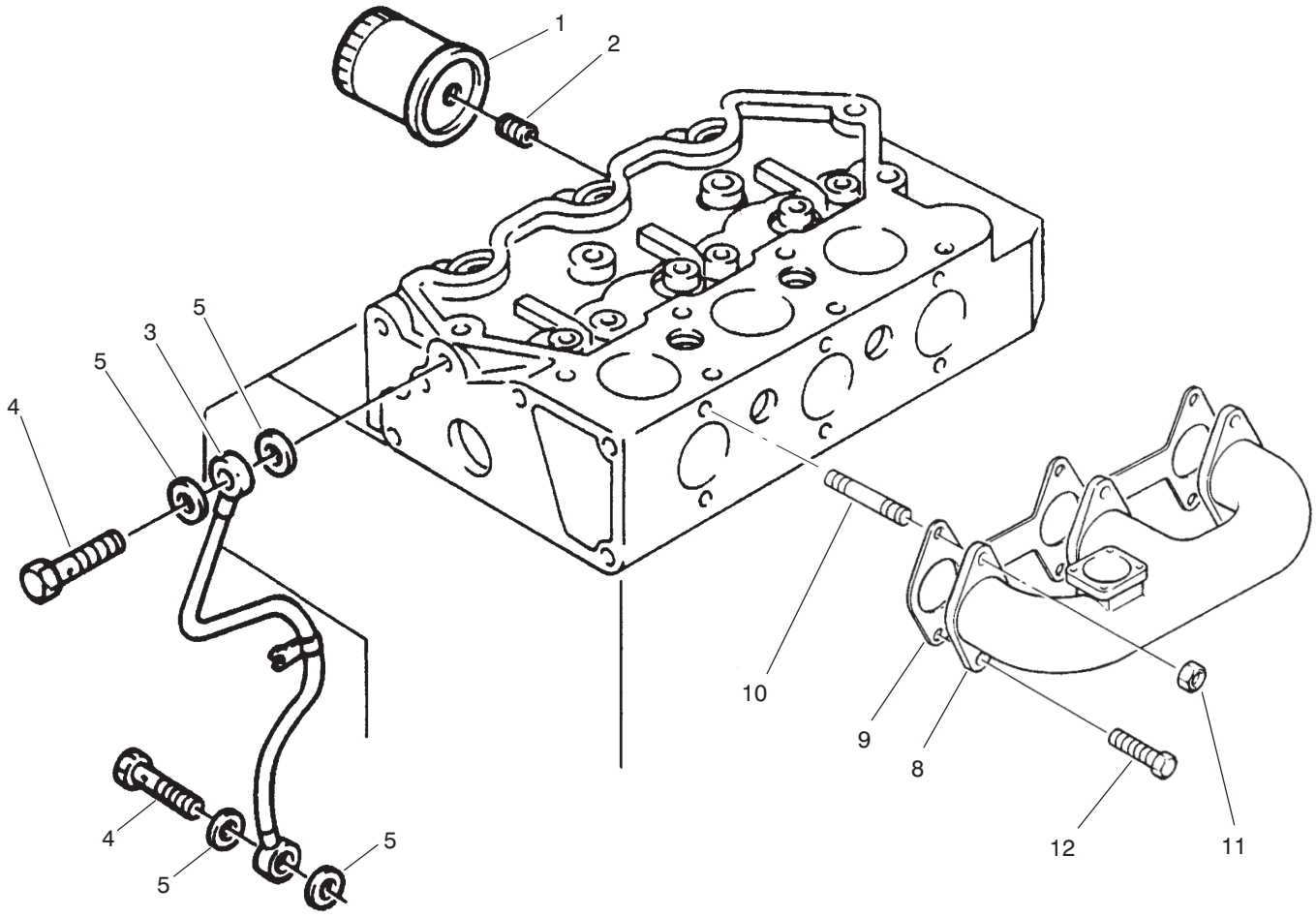


Valve Cover Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	111026371	1	Cover
2	111996330	1	Gasket
3	111996060	1	Gasket
4	198436010	1	Cap
5	052100400	1	Seal
6	024600008	3	Nut
7	198996060	3	Washer
8	011300650	2	Screw
9	110666110	1	Plate
10	110666120	1	Gauze
11	011300612	2	Bolt
12	110986500	1	Pipe
13	068122560	1	Hose

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.
*Not Illustrated

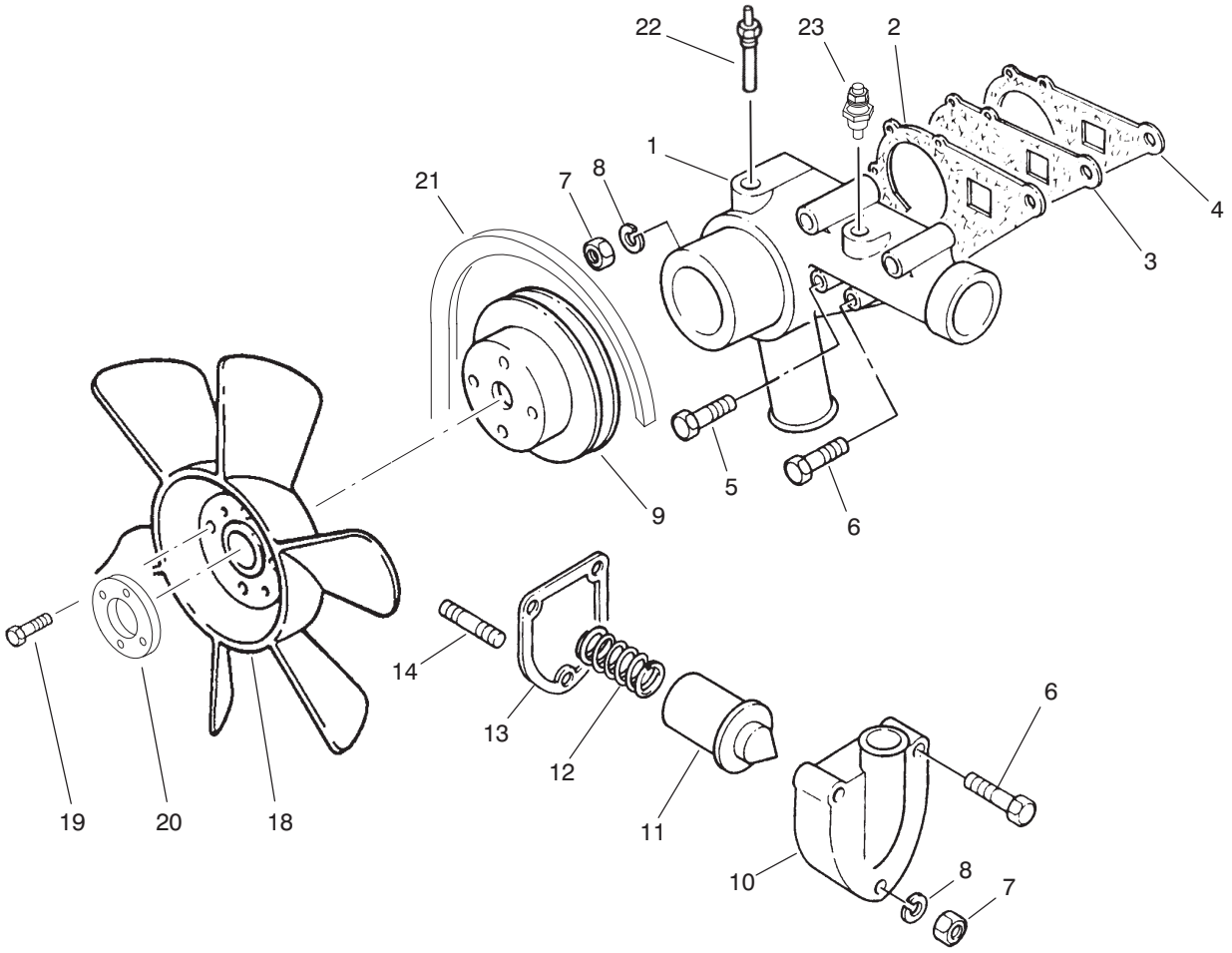


Oil Filter and Exhaust Manifold Assemblies
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	85–4930	1	Filter–Oil
2	140546020	1	Connection
3	140606680	1	Pipe
4	198486780	2	Bolt
5	198996060	4	Washer
8	135616630	1	Manifold–Exhaust
9	135996520	1	Gasket
10	012110625	3	Stud
11	023100006	3	Nut
12	011310625	3	Screw

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

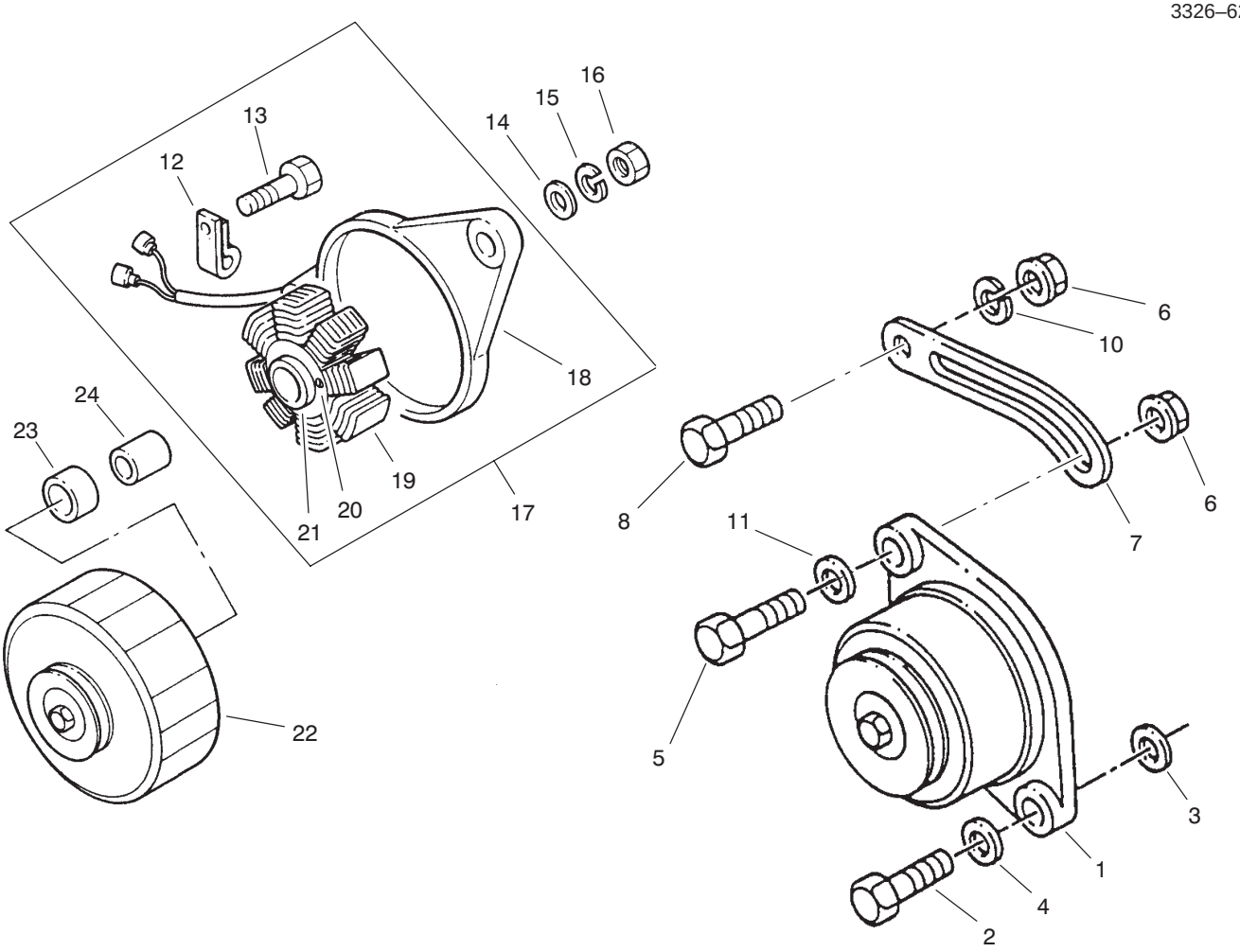


Water Pump Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	145017400	1	Pump–Water
2	145996430	1	Gasket
3	145146270	1	Backplate
4	145996420	1	Gasket
5	011300635	3	Screw
6	011300650	6	Screw
7	023100006	2	Nut
8	027100006	2	Washer
9	145336490	1	Pulley
10	145216161	1	Housing
11	145206062	1	Thermostat
12	198217410	1	Spring
13	145996440	1	Gasket
14	012100650	1	Stud
18	145306780	1	Fan
19	011310614	4	Screw
20	145386520	1	Plate
21	080109048	1	Belt–Fan
22	385720101	1	Switch–High Temperature Shutdown
23	82–3110	1	Sender–Temperature Guage

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

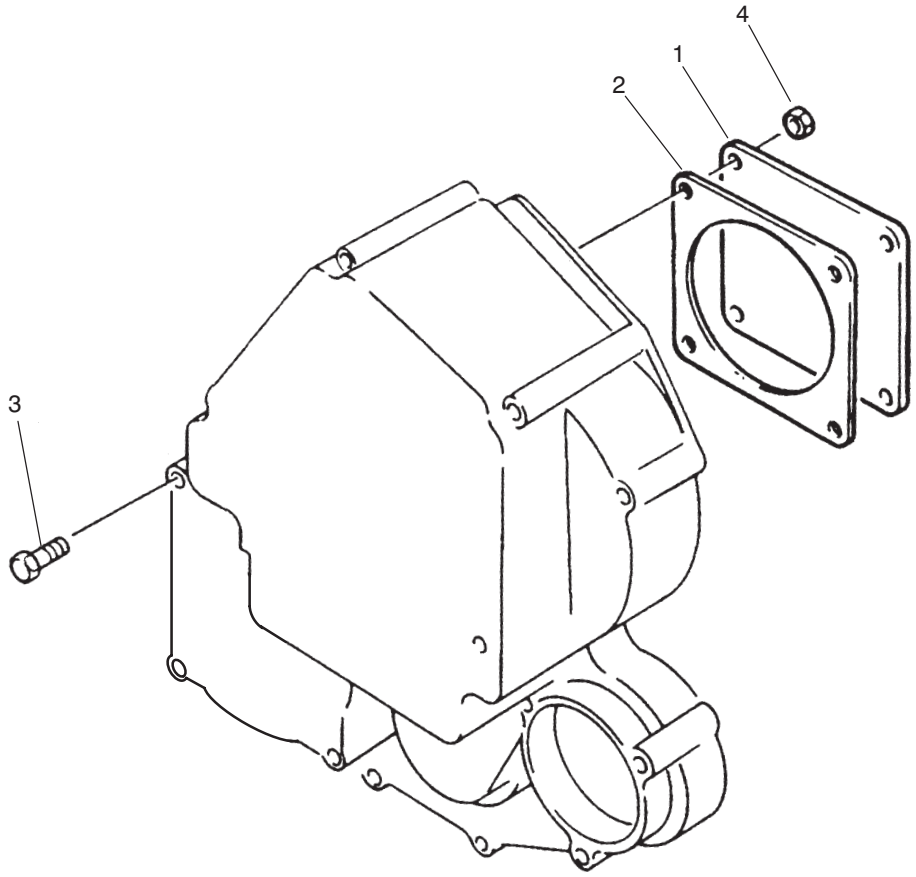


Alternator Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	185046210	1	Alternator
2	010110850	1	Screw
3	026909011	1	Washer
4	026200008	1	Washer
5	012810840	1	Screw
6	023100008	2	Nut
7	185726431	1	Lever
8	011300816	1	Screw
10	027100008	1	Washer
11	026109017	1	Washer
12	185446220	1	Clip
13	015140408	1	Screw
14	026100010	1	Washer
15	027100010	1	Washer
16	020210010	1	Nut
17	185446217	1	Asm–Plate (Incl. Ref. #12–13 & 18–21)
18	185716200	1	Plate
19	185446218	1	Stator
20	015140425	2	Screw
21	040126201	1	Bearing–Ball
22	185446219	1	Pulley

Ref. No.	Part No.	Qty.	Description
23	040126201	1	Bearing
24	199236510	1	Collar

NOTE: Obtain replacement parts from your local Perkins Dealer.

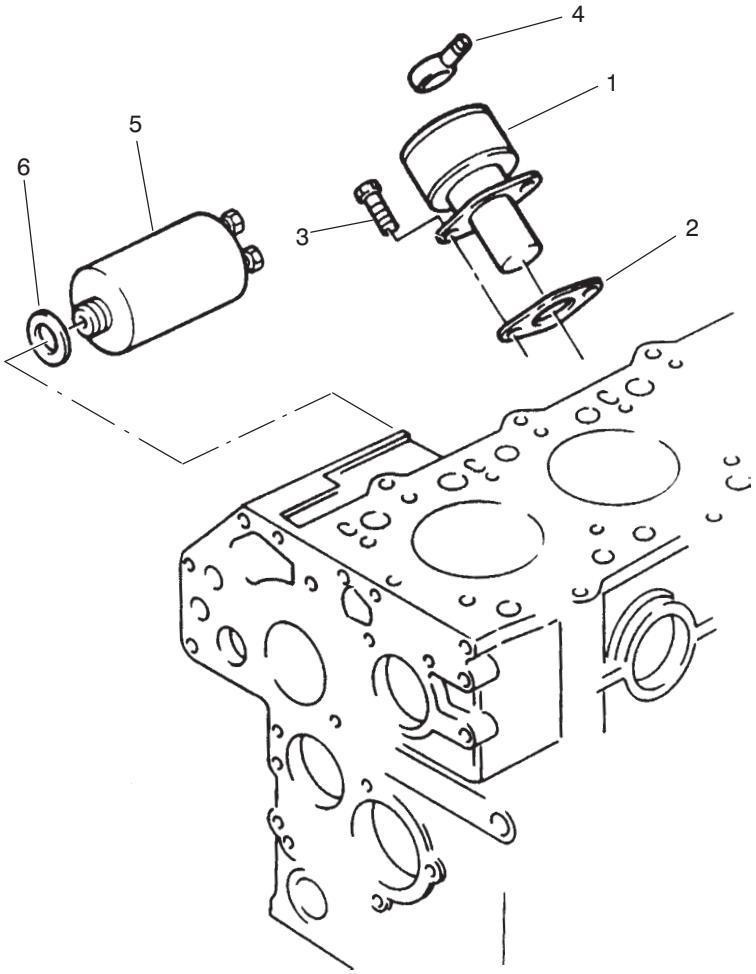


Timing Cover Plate Assembly
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	165206360	1	Plate
2	165996420	1	Gasket
3	010310865	4	Bolt
4	023100008	4	Nut

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

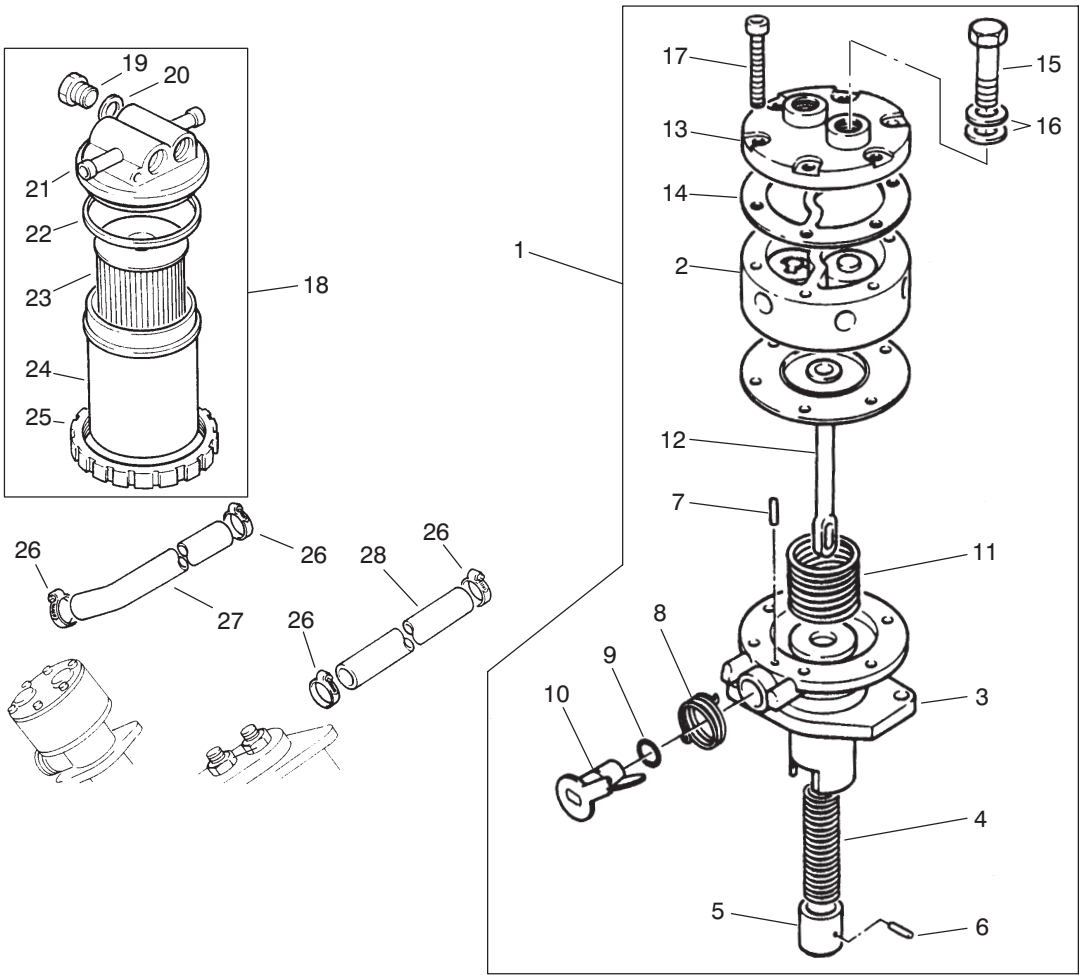


Low Pressure Fuel System and Throttle Stop Assemblies Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	130506140	1	Pump—Lift
2	130996130	1	Joint
3	011140616	2	Screw
4	198486840	2	Connection
5	185206082	1	Solenoid
6	025100016	1	Washer

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.

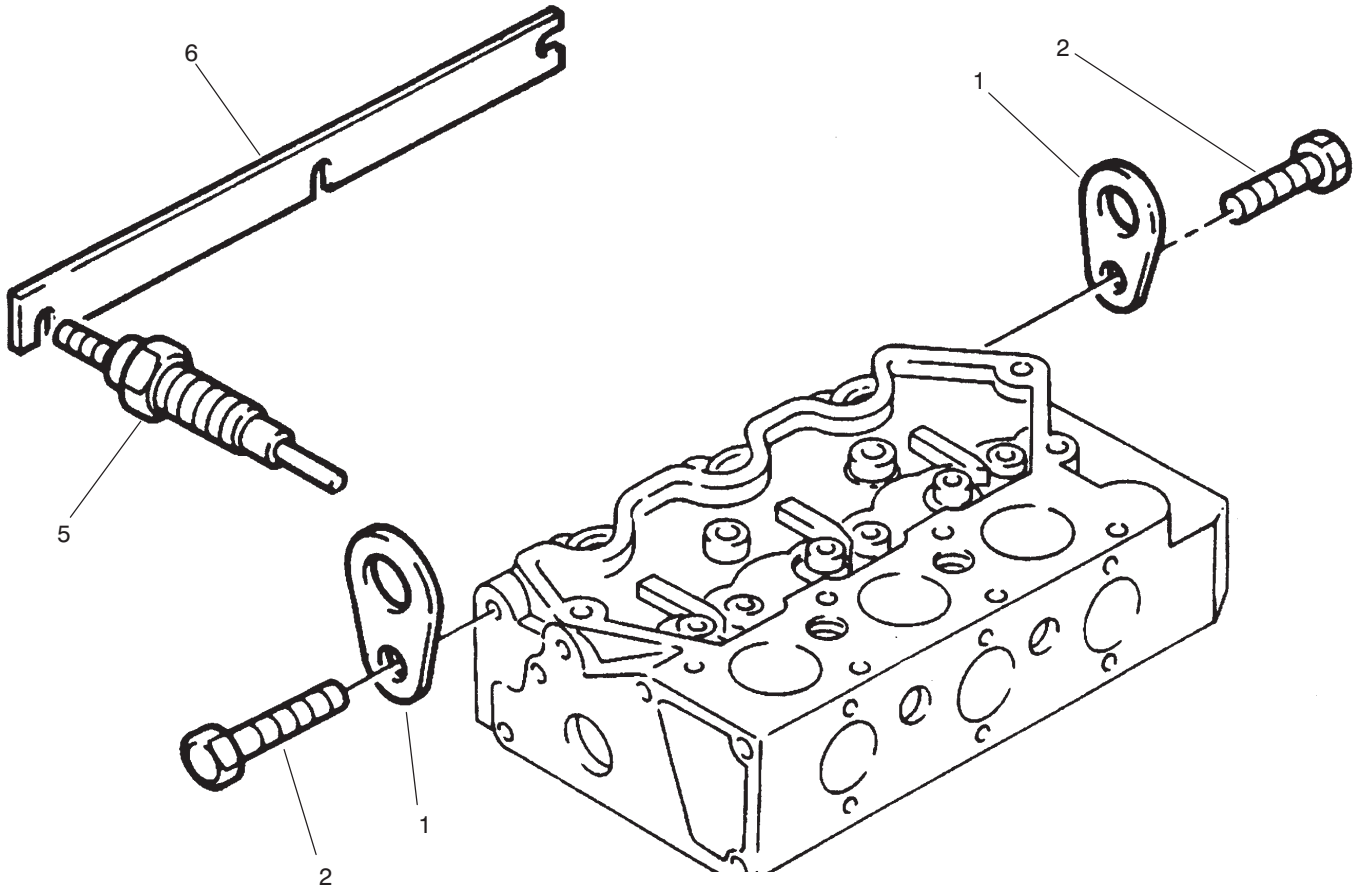


Fuel Filter and Lift Pump Assemblies
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	130506140	1	Asm–Lift Pump (Incl. Ref. #2)
2		1	Body
3	130516080	1	Body
4	130516081	1	Spring
5	130516082	1	Plunger
6	130516085	1	Pin
7	130516088	1	Pin
8	130516083	1	Spring
9	131226180	1	O–Ring
10	130516086	1	Lever
11	130516087	1	Spring
12	130516084	1	Diaphragm
13	130516090	1	Cap
14	130516089	1	Gasket
15	130516092	2	Bolt
16	130516069	4	Washer
17	130516091	6	Screw
18	130306041	1	Asm–Fuel Filter (Incl. Ref. #19–25)
19	130446080	2	Plug
20	130326120	2	Washer
21		1	Head–Fuel Filter
22	052100440	1	O–Ring

Ref. No.	Part No.	Qty.	Description
23	130366040	1	Element–Filter
24	130336031	1	Container
25	130446090	1	Ring
26	198346020	4	Clip
27	068207224	1	Pipe–Fuel
28	068207400	1	Pipe–Fuel

NOTE: Obtain replacement parts from your local Perkins Dealer.

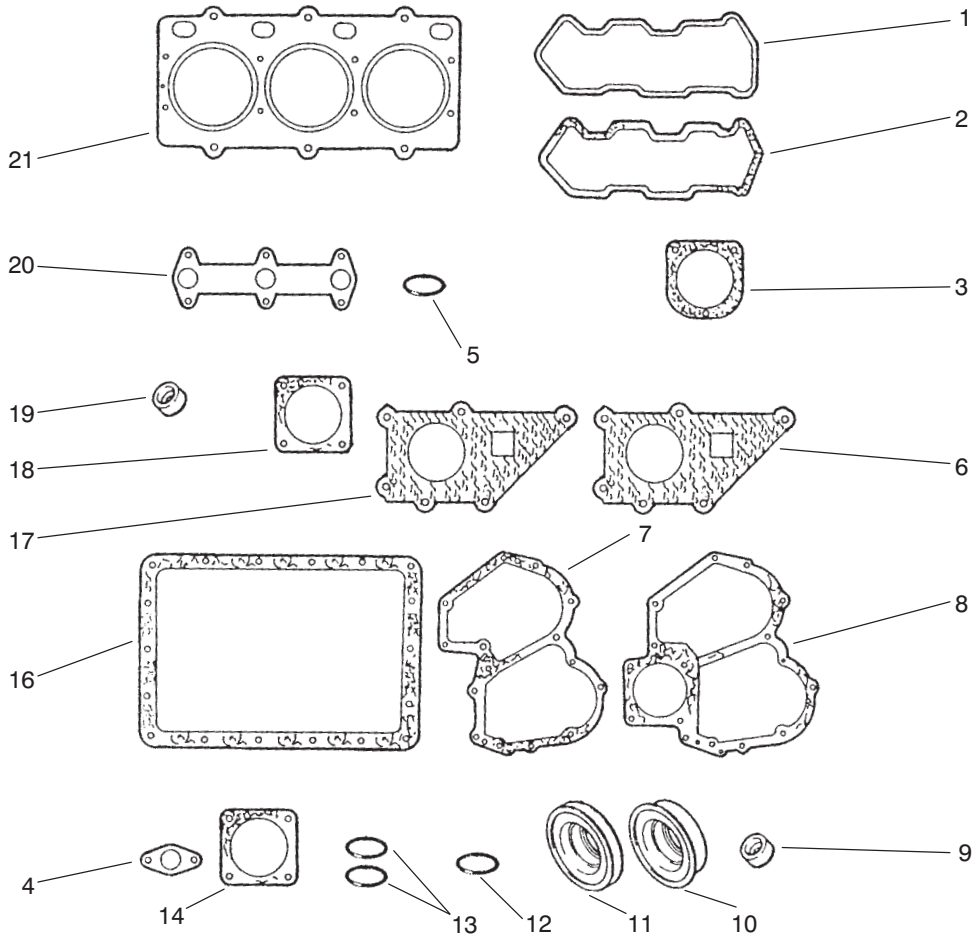


Engine Lifting Tab and Cold Start Assemblies
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	195816200	2	Plate
2	011310816	2	Screw
5	185366060	3	Heater
6	185376170	1	Bar

Ref. No.	Part No.	Qty.	Description

NOTE: Obtain replacement parts from your local Perkins Dealer.



Gasket and Seals
Perkins Engine KI70372 (Carb Certified)

Ref. No.	Part No.	Qty.	Description
1	111996060	1	Gasket (Valve Cover Asm.)
2	111996330	1	Gasket (Valve Cover Asm.)
3	145996440	1	Gasket (Water Pump Asm.)
4	130996070	2	Gasket (Low Pressure Fuel System Asm.)
5	052100400	1	Seal (Valve Cover Asm.)
6	145996430	1	Gasket (Water Pump Asm.)
7	165996400	1	Gasket (Camshaft Asm.)
8	165996410	1	Gasket (Camshaft Asm.)
9	131426200	3	Gasket (Fuel Injection Asm.)
10	198636080	1	Seal (Flywheel Asm.)
11	198636090	1	Seal (Camshaft Asm.)
12	052109076	1	O−Ring (Oil Sump Asm.)
13	052100100	2	O−Ring (Oil Sump Asm.)
14	165996420	1	Gasket (Timing Cover Plate Asm.)
16	110996590	1	Gasket (Oil Sump Asm.)
17	145996420	1	Gasket (Water Pump Asm.)
18	314990013	1	Gasket (Muffler)
19	120406080	3	Seal (Cylinder Head Asm.)
20	135996520	1	Gasket (Exhaust Manifold Asm.)
21	111147390	1	Gasket (Cylinder Head Asm.)
*	195906840	1	Kit−Gasket & Seals (Incl. Ref. #1−21)

NOTE: Obtain replacement parts from your local Perkins Dealer.
*Not Illustrated

Maintenance Record

Date								


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