Form No. 3327-767

Reelmaster® 4000–D

2 and 4 Wheel Drive Traction Unit

Model No. 03706—220000201 and Up

Model No. 03707—220000201 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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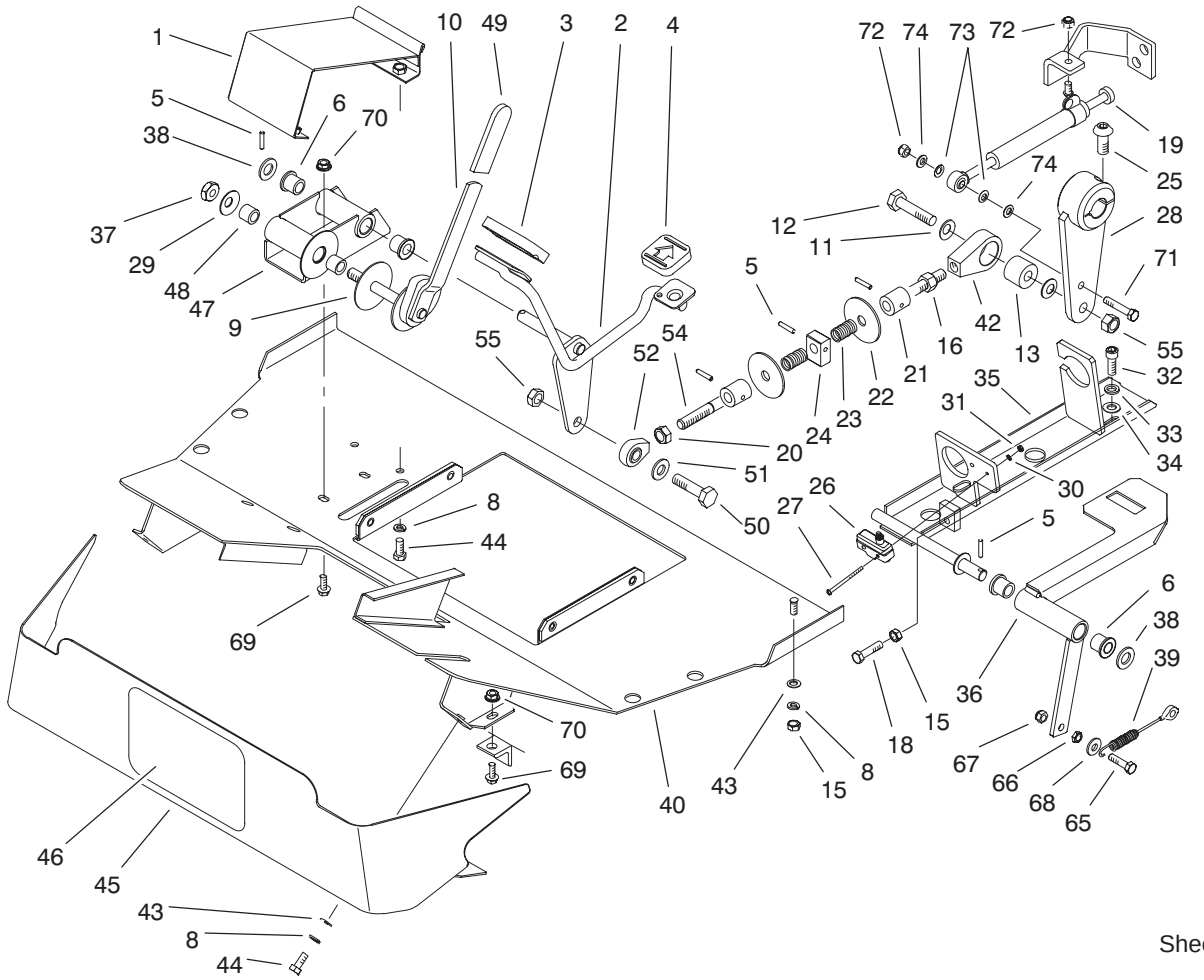
Accessories

Description	Model / Part No.
Fixed Head Kit	03762
Whiele Front Roller Kit	03740
Flotation Kit (incl. HOC adj gauge bar)	03760
Front Roller Kit	03742
Sectional Front Roller Kit	03738
Skid Kit	03744
Rear Roller Scraper Kit	59–6090
Front Roller Scraper Kit	62–6220
Spark Arrester Muffler (2WD)	74–2900
Spark Arrester Muffler (4WD)	92–6074

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



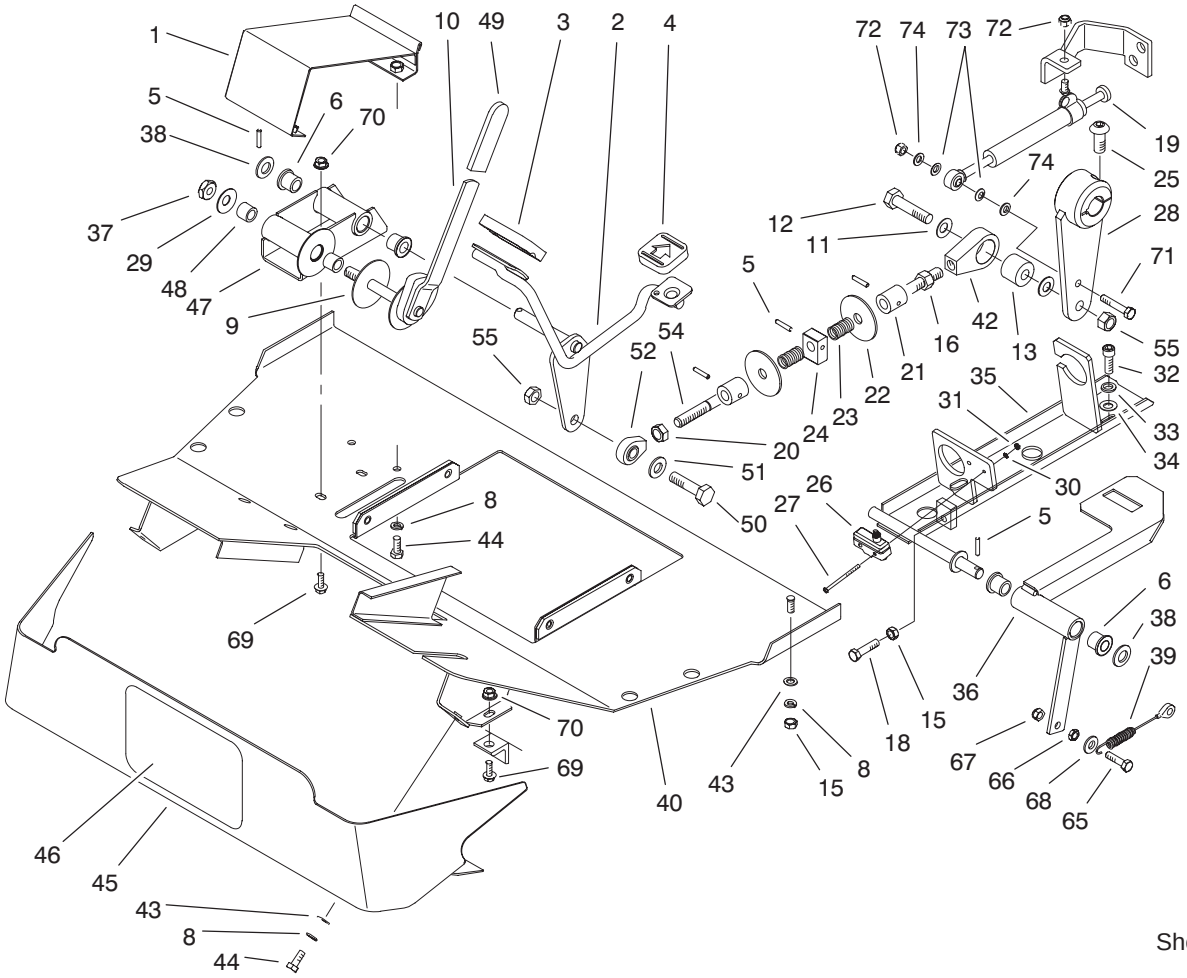
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Foot Rest and Traction Pedal Assembly

Ref. No.	Part No.	Qty.	Description
1	58–9580–03	1	Rest–Foot
2	60–0640–01	1	Pedal–Traction
3	74–9100	1	Pad–Pedal, Forward
4	74–9110	1	Pad–Pedal, Reverse
5	60–2110	5	Pin
6	48–6790	4	Bearing
8	42–9850	10	Washer–Lock, Spring
9	3–2858	1	Disc–Friction
10	60–1130	1	Lever–Gsc
11	3290–483	3	Washer
12	325–9	1	Screw–HH
13	47–7030	1	Bushing–Rubber
15	33014–00	5	Nut–Hex
16	3217–9	1	Nut–HH
18	48–7740	2	Screw
19	48–7100	1	Damper–Steering
20	3219–5	1	Nut–Hex
21	58–4310	2	Collar–Pinned
22	58–5100	2	Washer–Traction
23	60–5700	2	Spring
24	58–9010	1	Tab–Clamp
25	3274–89	1	Screw–HSH
26	29–6163	1	Switch–Micro
27	3249–11	2	Screw
28	98–1209–03	1	Lever–Pump
29	60–6990	1	Washer

Ref. No.	Part No.	Qty.	Description
30	3255–24	2	Washer–Lock/Ext
31	3217–29	2	Nut–Hex
32	3274–7	2	Screw–HSH
33	3253–5	2	Washer–Lock
34	3256–24	2	Washer–Flat
35	60–0730–01	1	Bracket–Lock, Neutral
36	92–9228–03	1	Lever
37	3296–19	1	Nut–Lock NI
38	60–6740	3	Washer
39	92–9221	1	Cable ASM
40	92–4730–03	1	Plate–Floor
42	60–0760	1	Clevis–Rod, Traction
43	33094–00	8	Washer–Flat
44	33114–020	7	Screw–HH
45	58–0400–01	1	Shroud
46	62–7400	1	Decal–Logo, Toro
47	60–0600–03	1	Bracket–Pivot
48	60–1110	2	Bushing
49	3–7877	1	Grip–Handle
50	325–7	1	Screw–HH
51	3256–26	1	Washer–Flat
52	2411–44	1	End–Rod
54	76–3430	1	Rod–Traction
55	3296–25	2	Nut–Lock NI
65	322–6	1	Screw–HH
66	3218–2	1	Nut–Jam



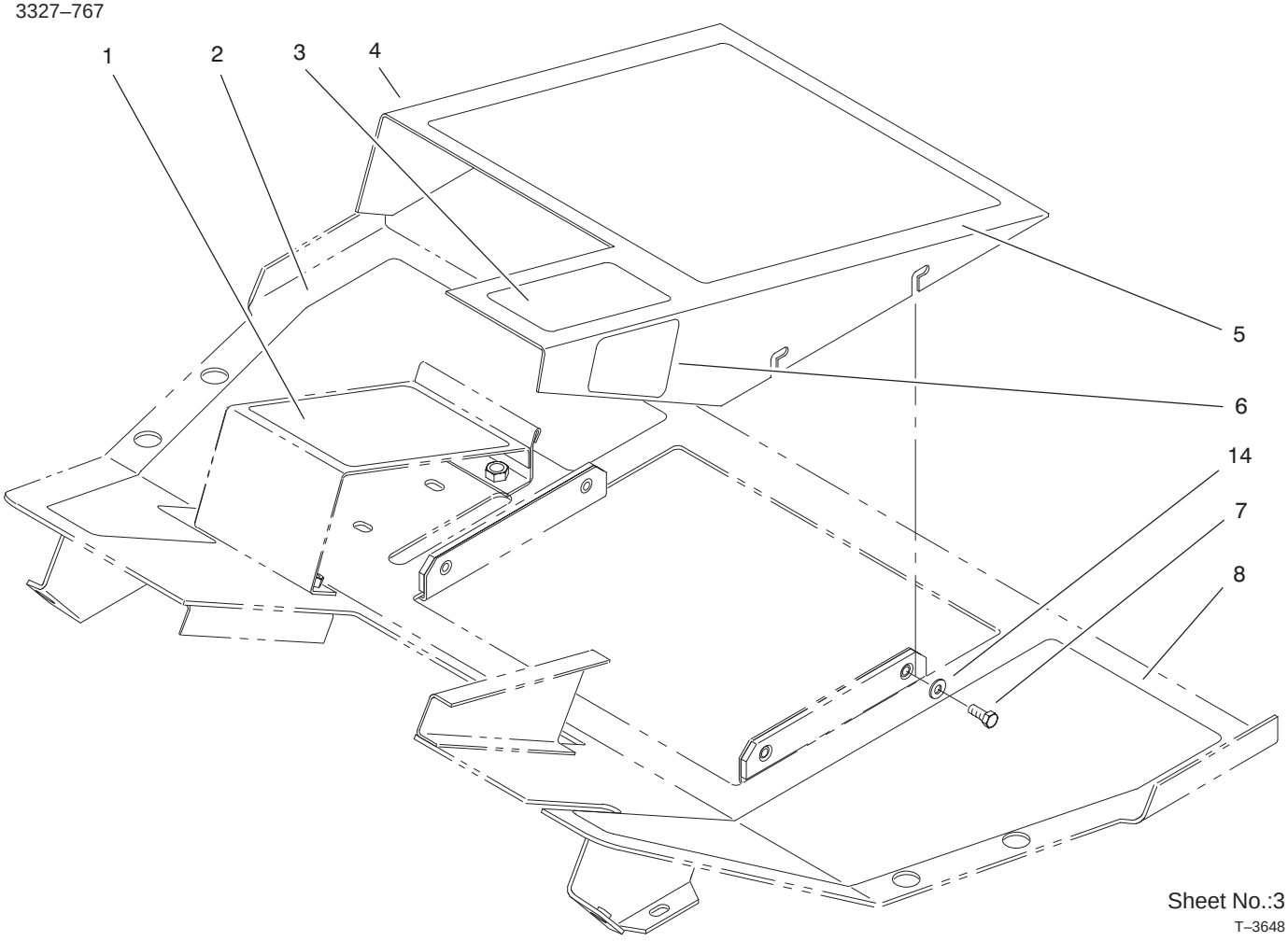
Sheet No.:2

T–3647

Foot Rest and Traction Pedal Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
67	3296–29	1	Nut–Lock, NI
68	3256–3	1	Washer–Flat
69	3234–5	4	Screw
70	32128–20	4	Nut–HF
71	33114–045	1	Screw–HH
72	33024–00	2	Nut–Lock
73	3290–482	2	Washer–Belleville
74	33094–00	2	Washer–Flat

Ref. No.	Part No.	Qty.	Description

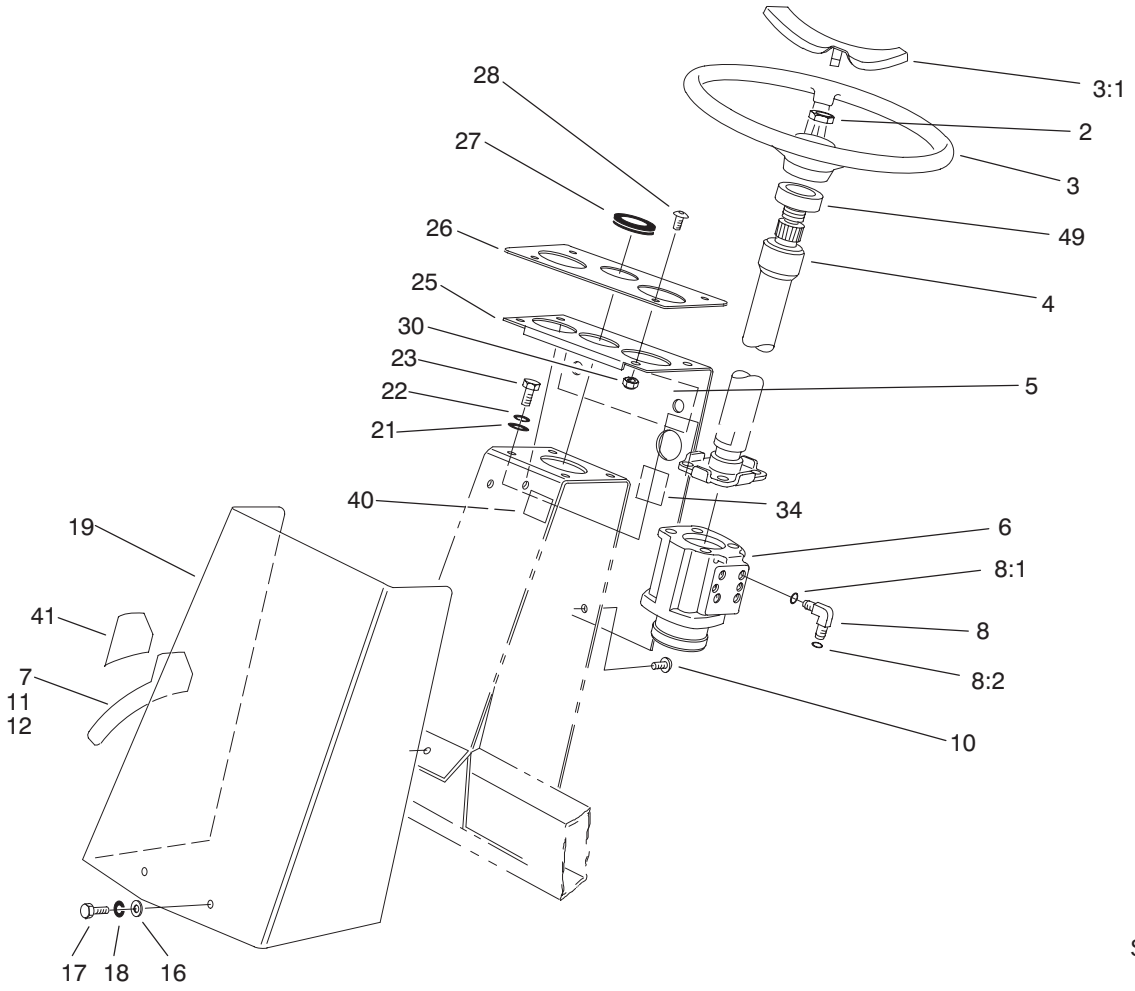


Sheet No.:3
T–3648

Floor Plate Assembly

Ref. No.	Part No.	Qty.	Description
1	59–7280	1	Pad–Pedal, Traction
2	58–6510	1	Pad–Footrest, RH
3	62–6440	1	Pad–Foot
4	58–7390–03	1	Footrest
5	58–6630	1	Pad–Floor, Center
6	93–9409	1	Decal–Latch
7	33113–016	3	Screw–HH
8	58–6620	1	Pad–Footrest, LH
14	3256–16	3	Washer–Flat

Ref. No.	Part No.	Qty.	Description

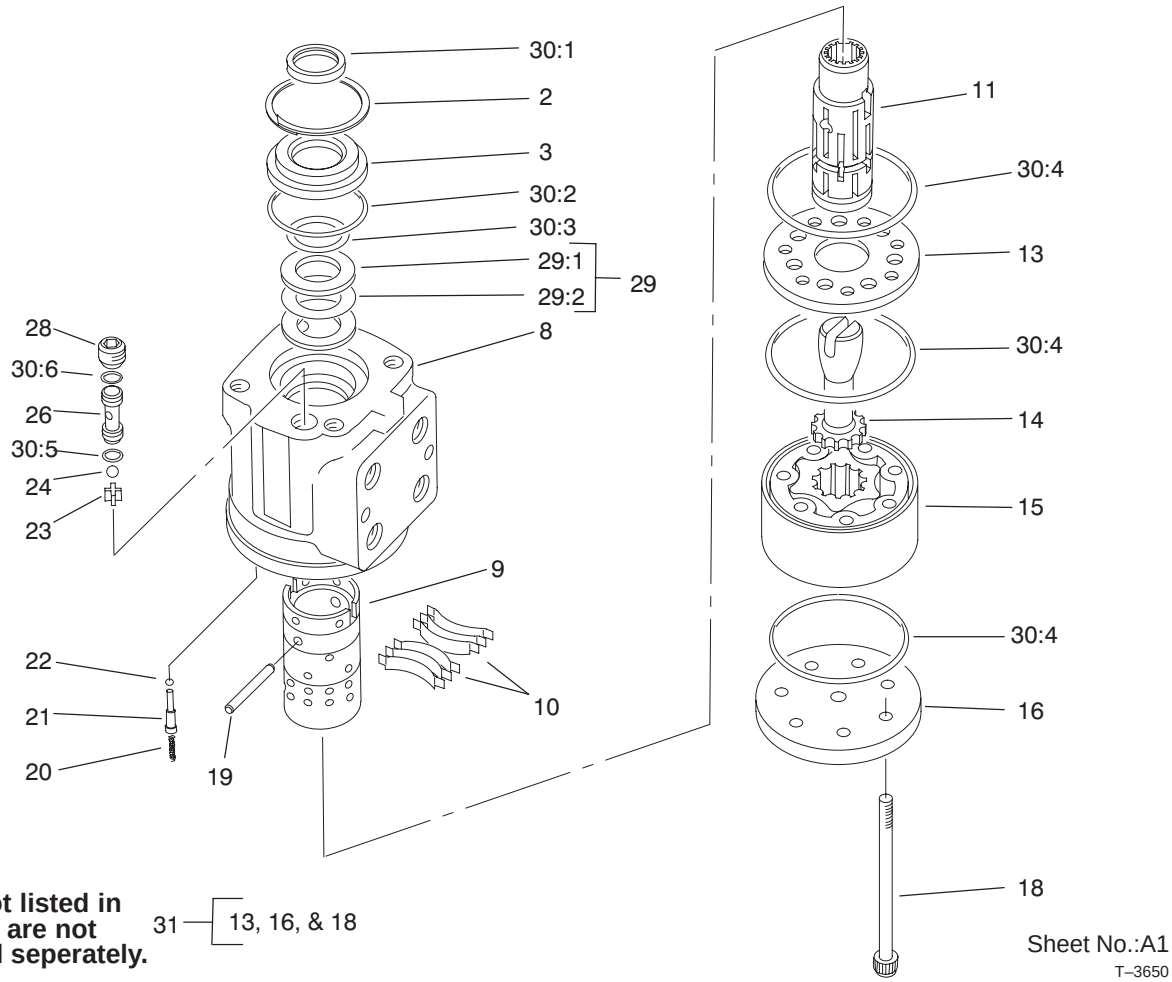


Sheet No.:4
T–3649

Steering Tower Assembly

Ref. No.	Part No.	Qty.	Description
2	94–9952	1	Nut–Hex
3	94–3500	1	Wheel–Steering, 14in
3:1	88–3870	1	Cover–Wheel
4	98–3808	1	Column–Steering
5	93–9399	1	Decal
6	92–9220	1	Steering Control ASM
7	93–9397	1	Decal–Speed, Ground
8	340–18	4	Fitting–HYD, 90°
8:1	237–79	1	O–Ring
8:2	237–22	1	O–Ring
10	60–3260	1	Screw
11	63–4330	1	Decal–Overlay, 5 Blade
12	63–4340	1	Decal–Overlay, 11 Blade
16	33093–00	2	Washer–Flat
17	33113–012	2	Screw–HH
18	43–5930	2	Washer–Spring
19	58–0500–01	1	Cover–Valve, Steering
21	3256–24	4	Washer–Flat
22	3253–5	4	Washer–Lock
23	323–8	4	Screw–HH
25	82–9310–03	1	Panel–Display
26	82–5890	1	Panel–Face, Display
27	60–0790	1	Grommet
28	3274–31	4	Screw–HSBH

Ref. No.	Part No.	Qty.	Description
30	3296–42	4	Nut–Lock, NI
34	105–4674	1	Decal–Noise, Ce
40	93–7252	1	Decal–International
41	93–9427	1	Decal–Clip, 5 Blade
49	21–9260	1	Cover–Dust

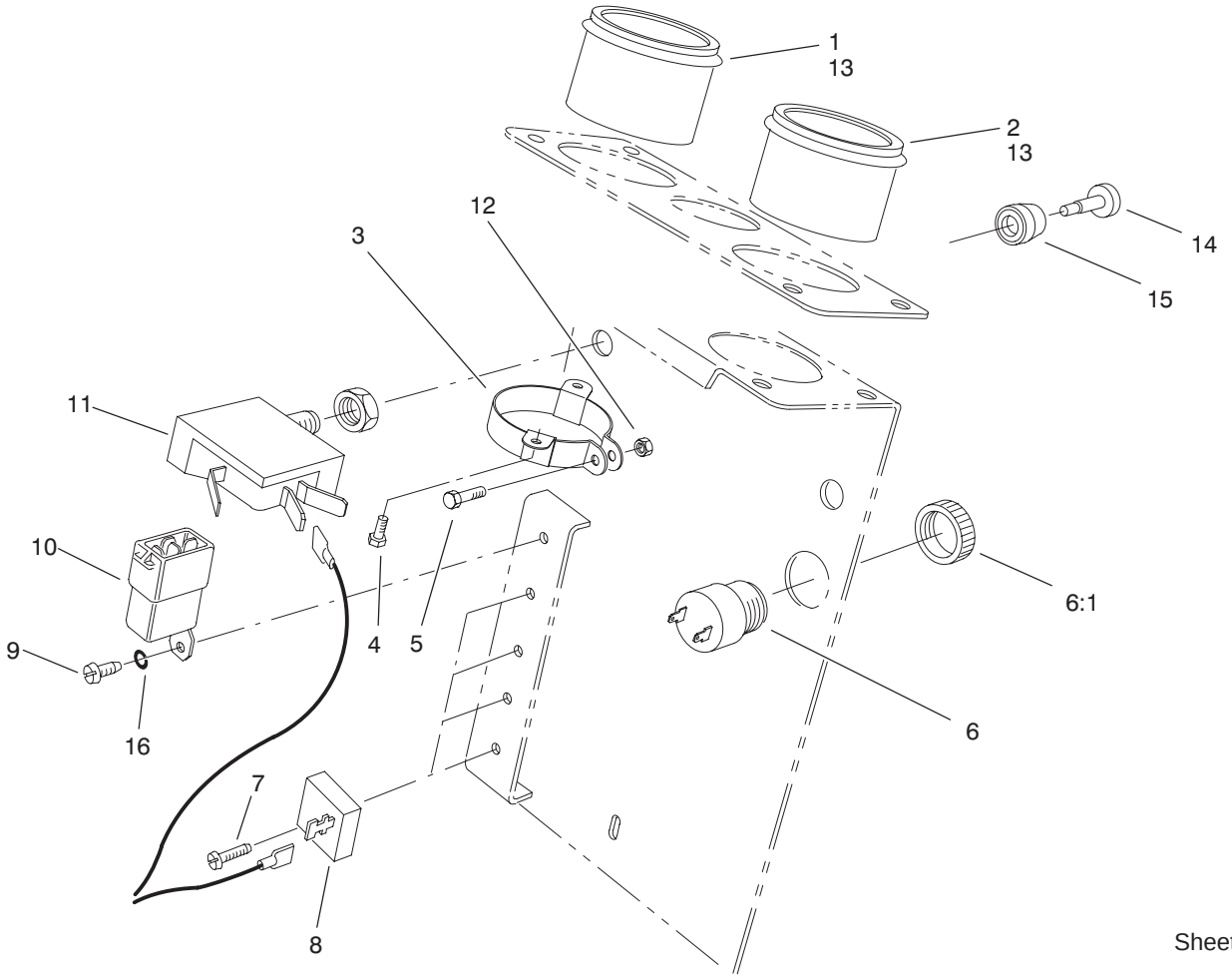


Steering Control Assembly No. 92–9220

Ref. No.	Part No.	Qty.	Description
2	52–9230	1	Ring–Retaining
3	52–9240	1	Bushing
☆8		1	Housing
☆9		1	Sleeve–Control
10	59–6820	1	Centering Spring Kit
☆11		1	Spool–Control
13	92–9732	1	Plate–Wear
14	59–6860	1	Drive
15	59–6870	1	Gerotor
16	92–9730	1	Cap–End
18	92–9733	7	Screw–Cap
19	59–6830	1	Centering Pin Kit
20	74–3090	2	Spring–Anti–Cav
21	92–9737	2	Plug–Retainer
22	74–3140	2	Ball–Check, Anti–Cav
23	52–9290	1	Retainer–Checkball
24	52–9280	1	Checkball
26	52–9270	1	Seat–Checkball
28	52–9260	1	Screw–Set
29	52–9250	1	Bearing Kit
29:1	59–6730	2	Race
29:2	59–6740	1	Bearing
30	92–9749	1	Seal Kit
☆30:1		1	Seal
☆30:2		1	O–Ring
☆30:3		1	Seal

Ref. No.	Part No.	Qty.	Description
☆30:4		1	O–Ring
☆30:5		1	O–Ring
☆30:6		1	O–Ring
31	92–9747	1	End Cap Kit

☆ Not serviced separately

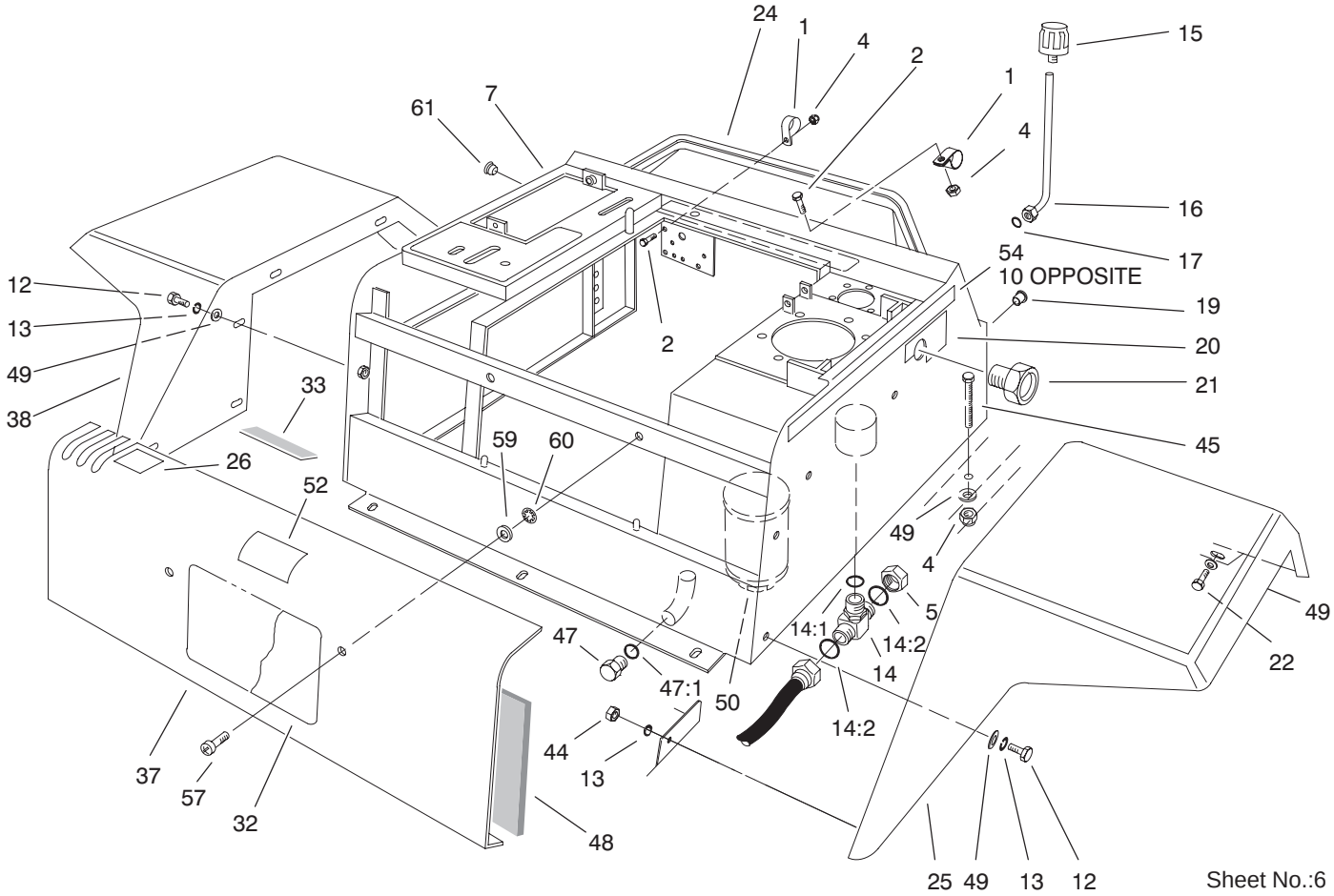


Sheet No.:5
T–3651

Steering Tower Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	93–1434	1	Gauge–Cluster, Warning
2	93–1435	1	Gauge–Cluster, Warning
3	69–4780	2	Clamp–Gauge
4	32144–19	4	Screw–Forming, Thread
5	32105–12	2	Screw
6	80–9330	1	Alarm–Audio
6:1	104–5107	1	Nut–Plastic, Knurled
7	3251–4	4	Screw
8	37–7600	4	Rectifier–Bridge
9	3251–1	1	Screw–PPH
10	70–1480	1	Relay
11	43–6290	2	Switch
12	3296–2	2	Nut–Lock
13	219–17	8	Bulb
14	43–6280	2	Button–Push
15	43–6420	2	Bezel
16	3253–2	1	Washer–Lock/Sp

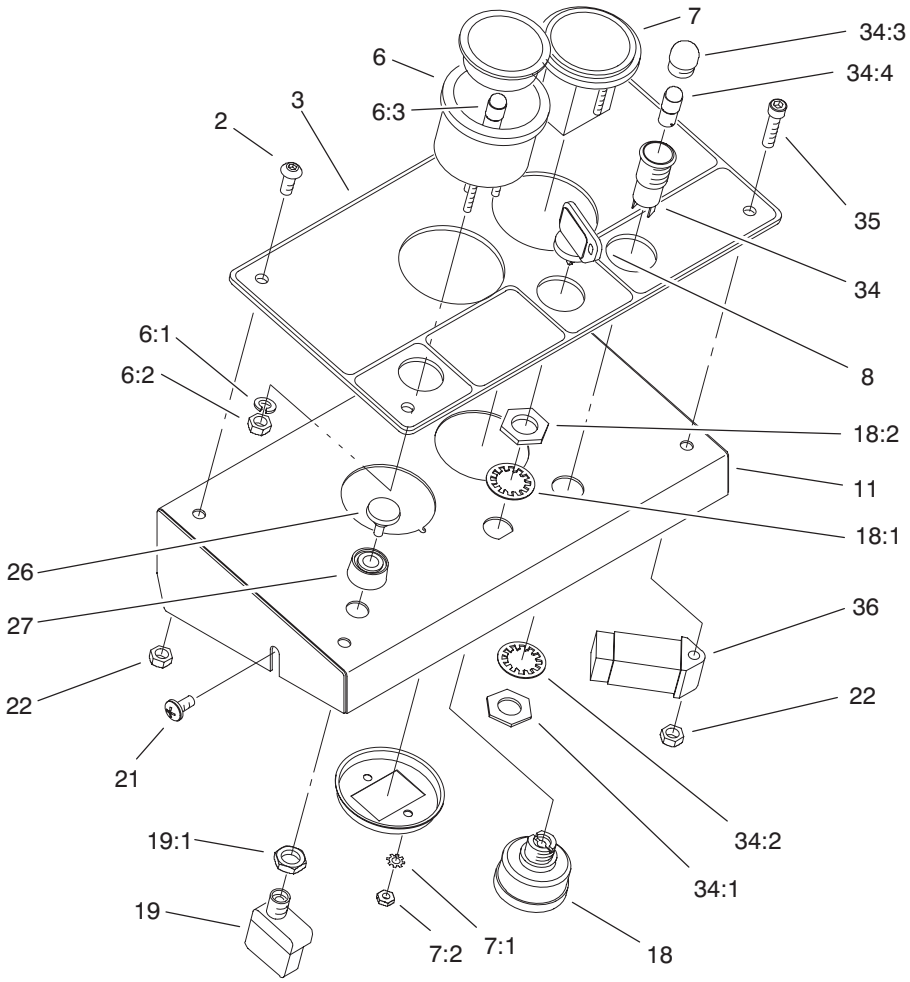
Ref. No.	Part No.	Qty.	Description



Fenders and Center Console Assembly

Ref. No.	Part No.	Qty.	Description
1	2412–106	2	Clamp–R
2	321–5	2	Screw–HH
4	3296–42	4	Nut–Lock, NI
5	340–117	1	Cap (only on: 03706)
7	92–9273–03	1	Console–Center
10	86–6490	1	Decal–4wd, RH (only on: 03707)
12	33113–016	10	Screw–HH
13	43–5930	10	Washer–Spring
14	92–4799	1	Fitting–Tee, HYD
14:1	237–79	1	O–Ring
14:2	237–22	2	O–Ring
15	68–6150	1	Breather–Air
16	98–3844	1	Breather Tube ASM
17	237–65	1	O–Ring
19	32148–6	4	Nut–Insert
20	93–9406	1	Decal–Glass, Sight
21	58–5940	1	Plug–Gage, Sight
22	48–6900	4	Screw
24	92–5682	1	Strip–Sealing
25	58–0980–01	1	Mudguard–LH
26	93–9407	1	Decal–Lever, Lift
32	104–5203	1	Decal–Hillside (Ansi)
32	104–5204	1	Decal–Hillside (Ce)
33	68–7840	1	Strip–Sealing
37	58–1750–03	1	Panel–Access

Ref. No.	Part No.	Qty.	Description
38	92–4746–01	1	RH Mudguard ASM
44	48–7890	2	Nut
45	321–24	2	Screw–HH
47	58–9160	1	Plug–Drain
47:1	237–80	1	O–Ring
48	68–7810	1	Panel–Lining
49	3256–22	16	Washer–Flat
50	48–7120	1	Element–Suction
52	93–9425	1	Decal–Danger
54	92–5699	1	Decal–4wd, LH (only on: 03707)
57	3250–36	2	Screw–PPH
59	3256–3	2	Washer–Flat
60	32151–72	2	Ring–Retaining
61	92–6059	5	Plug–Button



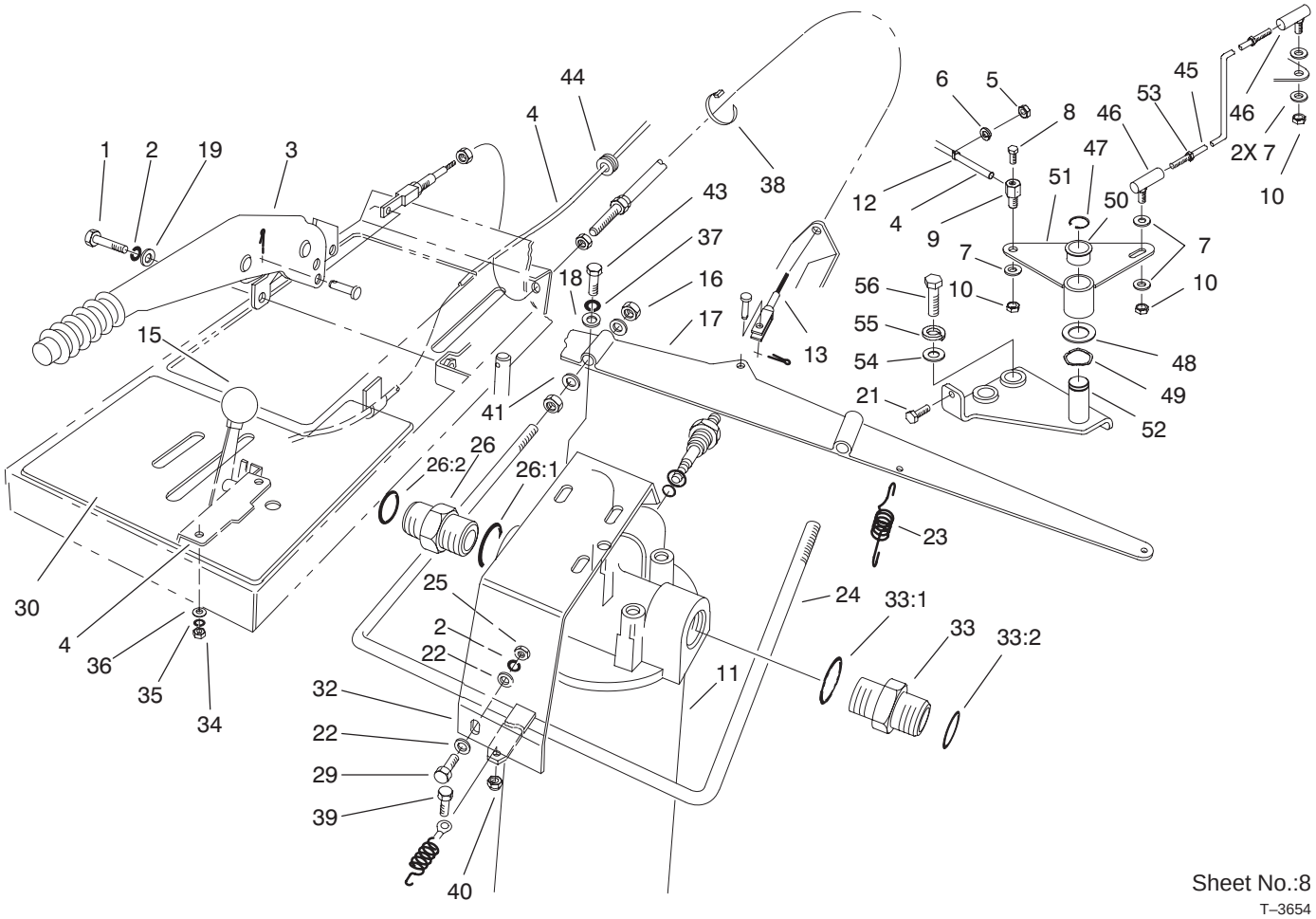
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T–3653

Instrument Panel Assembly

Ref. No.	Part No.	Qty.	Description
2	3274–31	3	Screw–HSBH
3	98–3830	1	Plate–Face, Instrument
6	98–9339	1	Gauge–Fuel
6:1	3254–1	3	Washer–Lock, Internal
6:2	3217–27	3	Nut–Hex
6:3	105–9265	1	Bulb And Lamp ASM
7	66–2950	1	Gauge–Hourmeter
7:1	3255–20	2	Washer–Lock
7:2	3217–25	2	Nut–Hex
8	63–8360	1	Key–Ignition
11	98–3829–03	1	Panel–Instrument
18	88–9830	1	Key Switch ASM
18:1	3254–5	1	Washer–Lock, Internal
18:2	218–461	1	Nut–HH
19	72–9760	1	Switch
19:1	218–498	1	Locknut–Hex
21	60–2170	2	Screw
22	3296–42	4	Nut–Lock, NI
26	43–6280	1	Button–Push
27	43–6420	1	Bezel
34	44–2210	1	Light–Indicator, Red
34:1	218–535	1	Nut–Hex
34:2	218–536	1	Washer–Lock
34:3	218–533	1	Lens
☆34:4		1	Bulb

Ref. No.	Part No.	Qty.	Description
35	3274–9	1	Screw–HSH
36	98–7611	1	Controller–Glow (only on: 03706)

☆ Not serviced separately



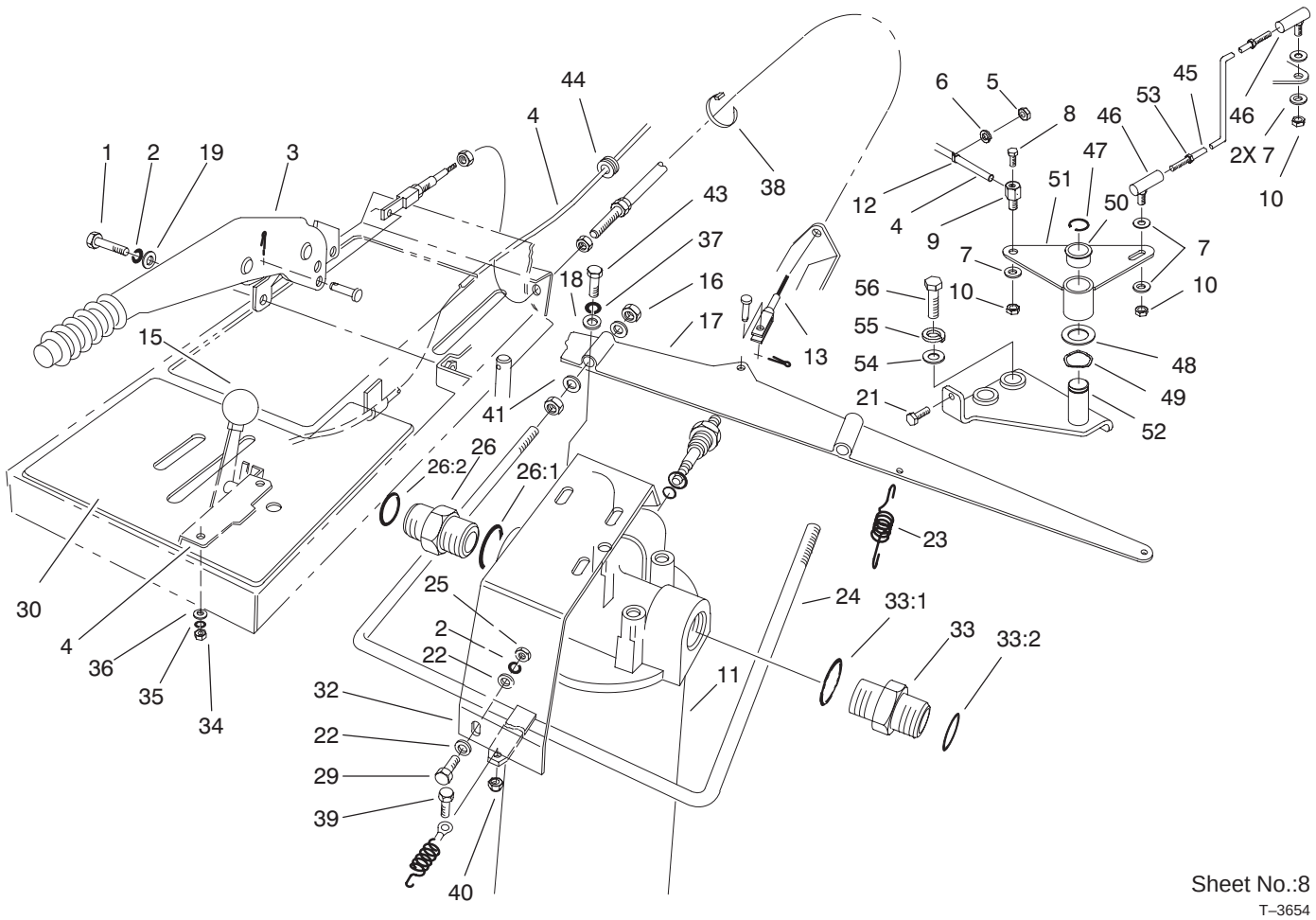
Sheet No.:8

T–3654

Parking Brake, Throttle and Oil Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	33114–016	2	Screw–HH
2	42–9850	4	Washer–Lock, Spring
3	53–6070	1	Lever–Brake
4	59–7240	1	Control–Throttle
5	3217–5	1	Nut–Hex
6	3253–3	1	Washer–Lock
7	3256–22	5	Washer–Flat
8	25–8640	1	Screw–HH
9	93–0021	1	Swivel–Cable, Throttle
10	3296–13	3	Nut–Lock NI
11	86–6090	1	HYD Oil Filter ASM
12	2412–31	1	Clamp–Boden
13	92–9222	1	Cable–Handbrake
15	233–25	1	Knob–Control
16	3217–6	4	Nut–Hex
17	58–2170–03	1	Bar–Linkage, Brake
18	3256–3	3	Washer–Flat
19	33094–00	2	Washer–Flat
21	321–4	1	Screw–HH
22	3256–23	4	Washer–Flat
23	60–2140	2	Spring
24	92–9225	1	Yoke
25	3217–6	2	Nut–Hex
26	340–80	1	Adapter
26:1	237–123	1	O–Ring
26:2	340–65	1	O–Ring

Ref. No.	Part No.	Qty.	Description
29	322–6	2	Screw–HH
30	93–9402	1	Panel–Control, Side
32	84–6470–03	1	Bracket–Filter
33	340–10	1	Adapter
33:1	237–123	1	O–Ring
33:2	340–64	1	O–Ring
34	48–7880	2	Nut–Hex
35	48–8000	2	Washer–Lock
36	52–6430	2	Washer
37	3253–5	3	Washer–Lock
38	3290–378	1	Tie–Cable
39	11–9030	1	Screw–Shoulder
40	3296–42	1	Nut–Lock, NI
41	3256–23	4	Washer–Flat
43	323–5	3	Screw–HH
44	60–2370	1	Grommet
45	98–1261	1	Rod–Throttle
46	98–3845	2	Joint–Ball, Rod End
47	936125	1	Ring–Snap, External
48	67–9410	1	Washer
49	98–3846	1	Washer–Wave
50	256–252	2	Bearing–Flange
51	98–1257–03	1	Lever–Throttle
52	98–1256–03	1	Plate–Throttle
53	3220–1	2	Nut–Jam
54	3256–24	2	Washer–Flat



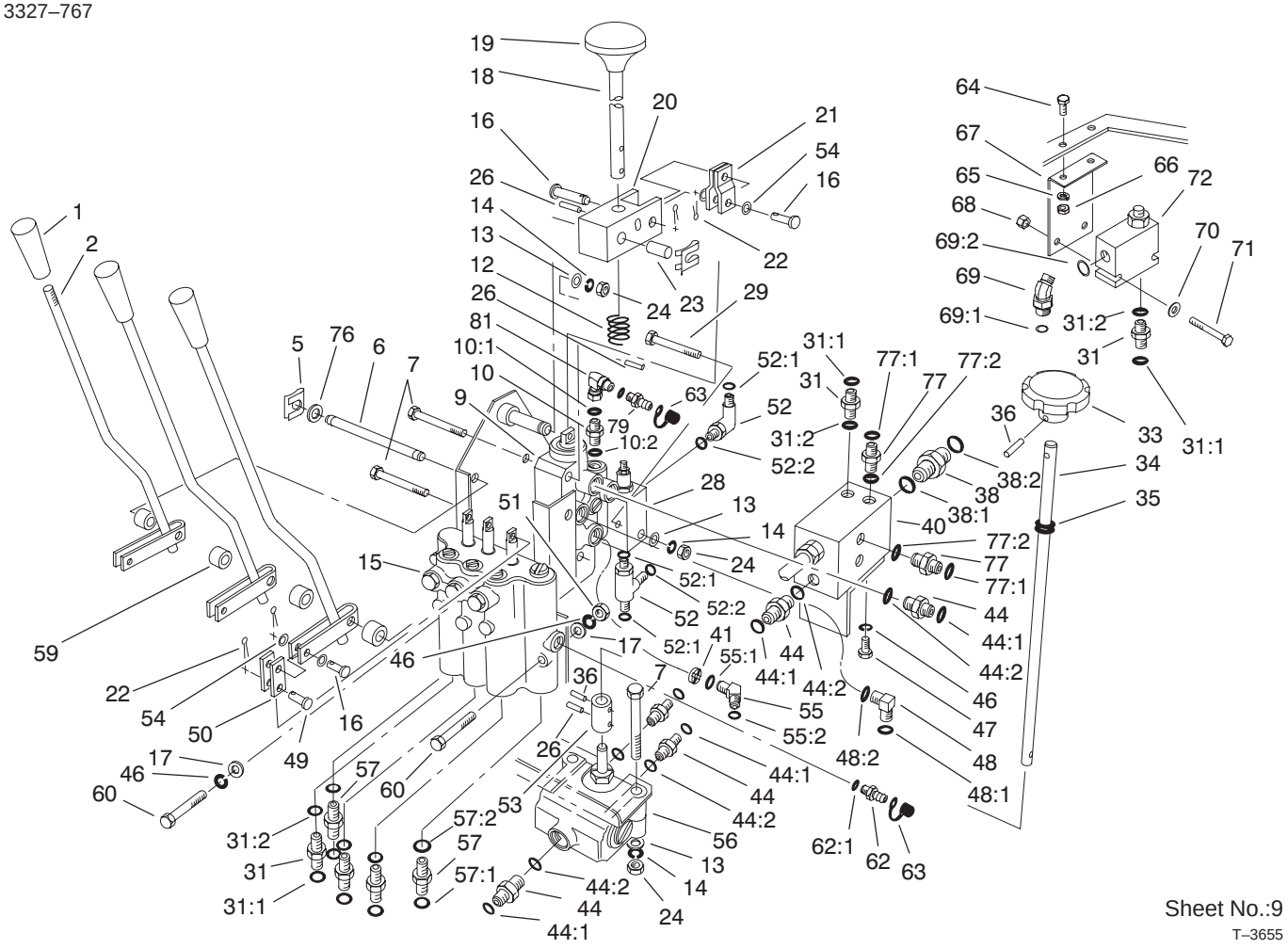
Sheet No.:8

T–3654

Parking Brake, Throttle and Oil Filter Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
55	48–9590	2	Washer–Lock
56	56–2140	2	Bolt

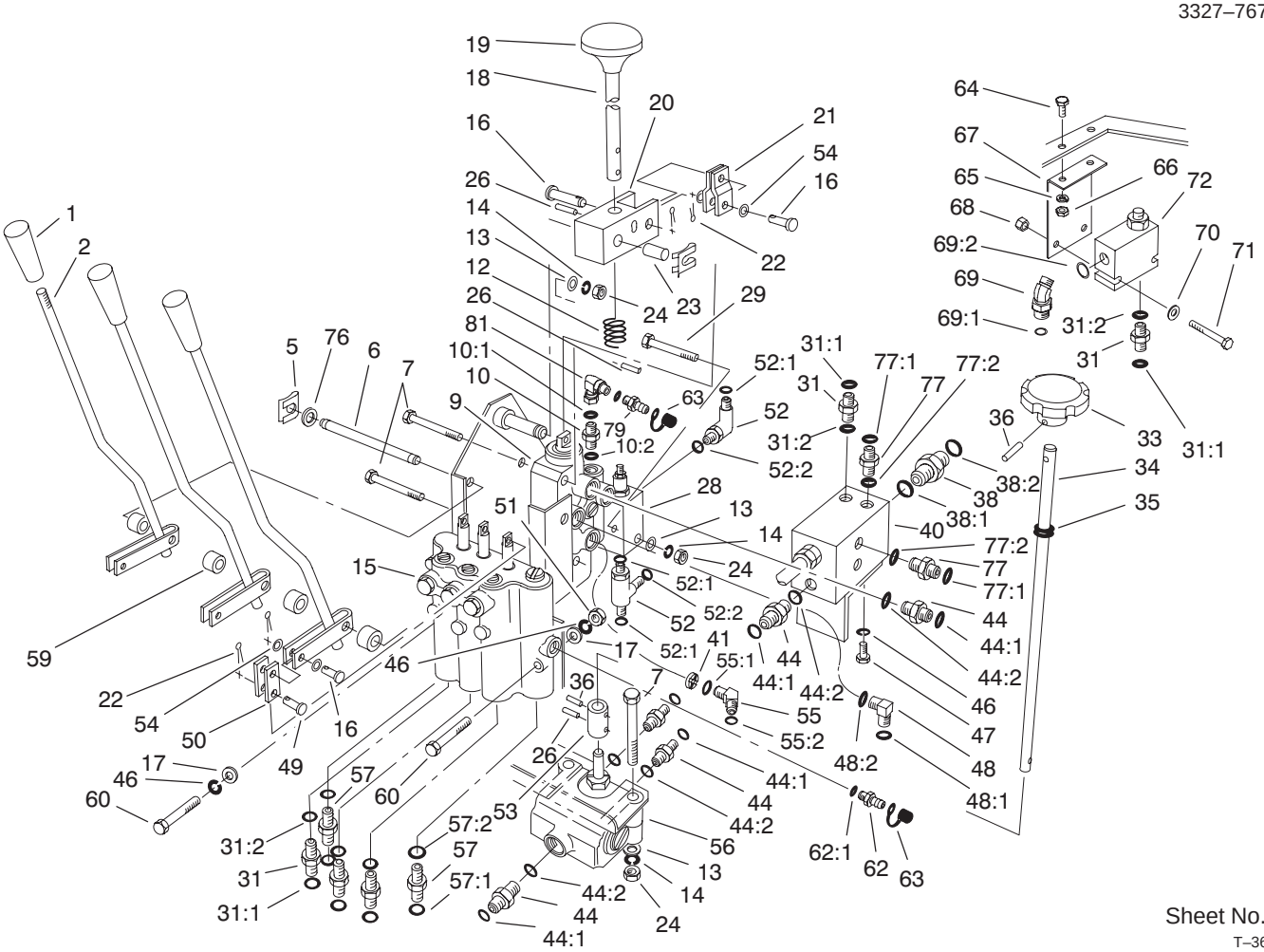
Ref. No.	Part No.	Qty.	Description



Valve Control Assembly

Ref. No.	Part No.	Qty.	Description
1	233–39	3	Knob–Control
2	74–3190	3	Lever–Lift
5	60–5690	3	Clip
6	58–1520	1	Pin
7	322–12	4	Screw–HH
9	63–4800	1	Spool–Motor, Valve
10	340–88	1	Adapter
10:1	237–22	1	O–Ring
10:2	237–78	1	O–Ring
12	58–7190	1	Spring
13	3256–23	5	Washer–Flat
14	3253–4	5	Washer–Lock
15	93–1432	1	3 Spool Valve ASM
16	58–3830	5	Pin
17	33093–00	2	Washer–Flat
18	58–4450	1	Lever
19	233–10	1	Knob–Lever
20	58–4460	1	Clevis
21	58–1570	2	Link
22	3272–1	8	Pin–Cotter
23	60–0550	1	Bushing
24	3217–6	5	Nut–Hex
26	32121–118	3	Pin–Roll
28	58–5520	1	Valve–Relief, Adjustable
29	322–9	1	Screw–HH

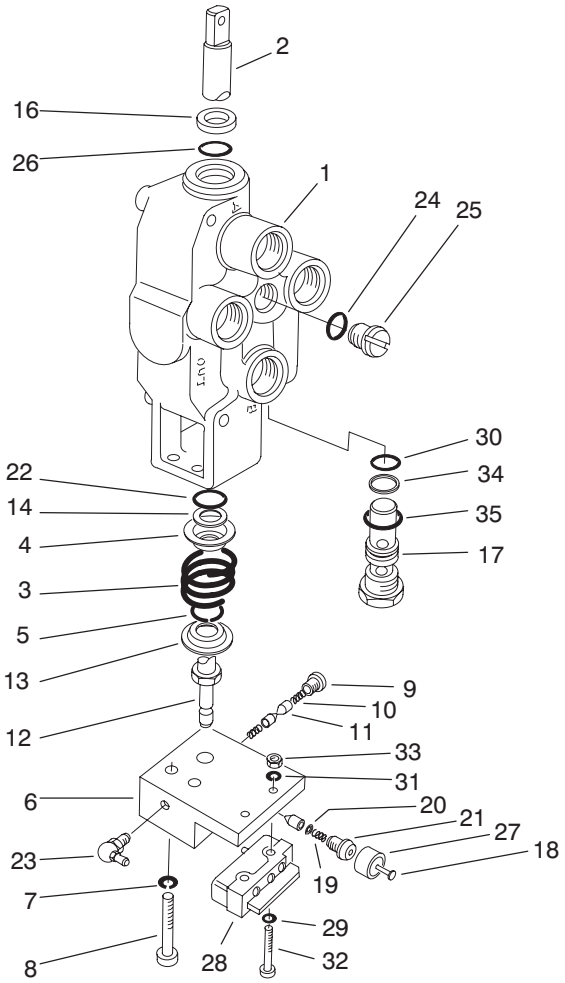
Ref. No.	Part No.	Qty.	Description
31	340–2	5	Fitting–HYD, Straight
31:1	237–22	1	O–Ring
31:2	237–42	1	O–Ring
33	59–7130	1	Knob–Control, Speed
34	58–1510	1	Shaft
35	59–7910	1	Grommet
36	60–2110	2	Pin
38	340–80	1	Adapter
38:1	237–123	1	O–Ring
38:2	340–65	1	O–Ring
40	58–2150	1	Block–Manifold
41	66–5410	1	Orifice
44	340–7	6	Adapter
44:1	237–65	1	O–Ring
44:2	237–80	1	O–Ring
46	43–5930	4	Washer–Spring
47	33113–016	2	Screw–HH
48	340–17	2	Fitting–HYD, 90°
48:1	237–65	1	O–Ring
48:2	237–80	1	O–Ring
49	58–3810	3	Pin
50	58–1560	6	Link
51	48–7890	1	Nut
52	340–86	2	Fitting–Tee, HYD
52:1	237–22	2	O–Ring
52:2	237–42	1	O–Ring



Valve Control Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
53	93–7768	1	Coupling
54	52–6430	8	Washer
55	66–5860	1	Adapter–45°
55:1	237–80	1	O–Ring
55:2	237–65	1	O–Ring
56	58–5490	1	Control–Valve, Flow
57	340–3	2	Adapter
57:1	237–22	1	O–Ring
57:2	237–79	1	O–Ring
59	58–1540	4	Spacer
60	33113–050	2	Screw–HH
62	59–7410	1	Tip–Nipple, Diagonal
62:1	237–42	1	O–Ring
63	353–947	3	Cap–Dust, Rubber
64	321–3	2	Screw–HH
65	3253–3	2	Washer–Lock
66	3217–5	2	Nut–Hex
67	63–4690–03	1	Bracket–Valve
68	3296–8	2	Nut–Lock, NI
69	340–87	1	Fitting–HYD, 45°
69:1	237–22	1	O–Ring
69:2	237–42	1	O–Ring
70	3256–22	2	Washer–Flat
71	321–11	2	Screw–HH
72	63–4700	1	Valve–Flow, Regulator
76	3256–24	2	Washer–Flat

Ref. No.	Part No.	Qty.	Description
77	92–9258	3	Check–Adapter
77:1	237–22	1	O–Ring
77:2	237–42	1	O–Ring
79	86–5480	2	Nipple–Test
81	98–1281	1	Adapter–HYD, 90°



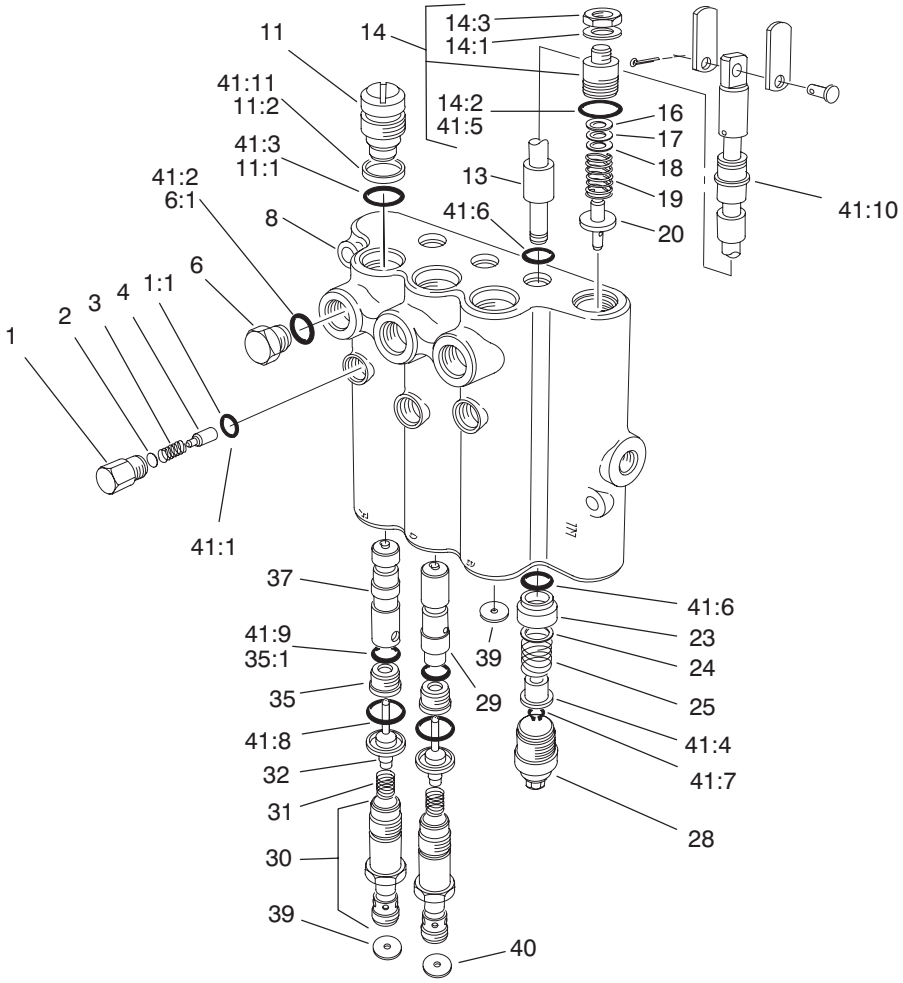
Sheet No.:A2
T–3656

Valve Motor Spool Assembly No. 63–4800

Ref. No.	Part No.	Qty.	Description
☆1		1	Body
☆2		1	Spool
3	59–8040	1	Spring
4	59–8080	1	Washer
5	59–8170	1	Washer
6	63–4820	1	Block–Detent
7	59–8070	2	Lockwasher
8	63–4830	2	Capscrew
9	59–8060	1	Plug
10	59–8050	2	Spring
11	59–8150	3	Pawl
12	63–4840	1	Screw–Detent
13	59–8100	1	Washer
14	59–8180	1	Washer
16	59–8190	1	Wiper
17	63–4780	1	Valve
18	63–4850	1	Plunger
19	63–4510	1	Spring
20	63–4860	1	Circlip
21	59–8230	1	Plug
22	59–7780	1	Ring
23	302–66	1	Fitting–Grease
24	59–8140	1	Ring
25	59–8160	1	Plug
26	59–8120	1	Ring
27	66–5420	1	Sleeve

Ref. No.	Part No.	Qty.	Description
28	60–4550	1	Switch–Micro
29	3256–13	2	Washer
30	63–4440	1	O–Ring
31	3253–19	2	Washer–Lock/Sp
32	66–5430	2	Screw
33	66–5440	2	Nut–Hex
34	59–7860	1	Washer
35	42–1220	1	O–Ring

☆ Not serviced separately



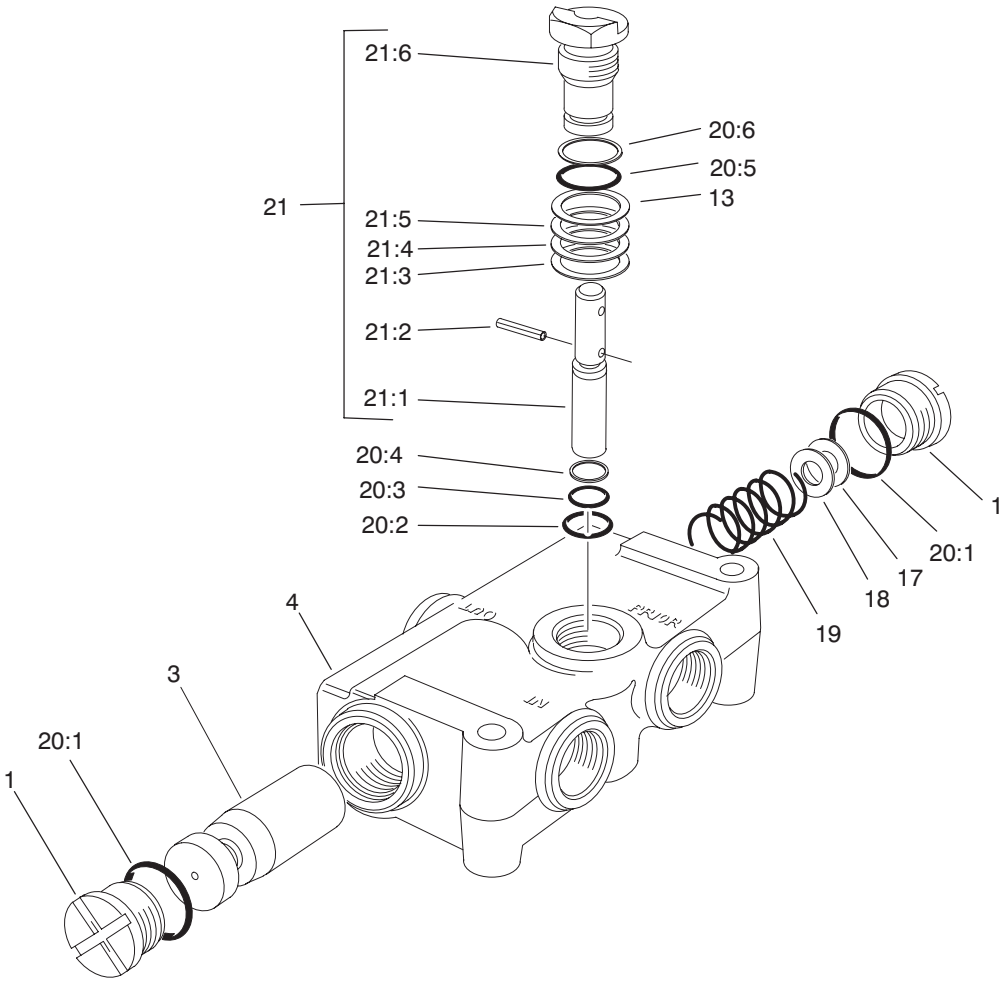
Sheet No.:A3
T–3657

Control Valve Assembly No. 93–1432

Ref. No.	Part No.	Qty.	Description
1	58–6780	3	Plug
1:1	58–6790	1	O–Ring
2	60–6450	1	Disc
3	58–6760	3	Spring
4	58–6770	3	Plunger
6	353–508	3	Plug
6:1	237–42	1	O–Ring
☆8		1	Body
11	58–6350	3	Plug
11:1	60–5720	1	O–Ring
11:2	58–6370	1	Washer
☆13		3	Spool
14	69–1830	1	Plug ASM
☆14:1		1	Washer
14:2	58–6750	1	O–Ring
☆14:3		1	Nut–Lock
16	58–6470	1	Washer
17	58–6480	1	Washer
18	58–6490	1	Washer
19	84–6450	1	Spring
20	58–6440	1	Poppet
23	58–6400	3	Bushing
24	58–6700	3	Washer
25	58–6730	3	Spring
28	58–6420	3	Cap
29	84–6430	1	Plunger

Ref. No.	Part No.	Qty.	Description
30	58–6380	3	Plug
31	58–6410	3	Spring
32	60–6440	3	Eyelet
35	58–6330	3	Seat
35:1	58–6340	1	O–Ring
37	84–6420	2	Plunger
39	84–6400	2	Disc–Orifice
40	84–6401	1	Disc–Orifice
41	60–3780	1	Seal Kit
41:1	58–6790	3	O–Ring
41:2	58–6720	3	O–Ring
41:3	60–5720	6	O–Ring
41:4	58–6310	6	Spacer
41:5	58–6750	1	O–Ring
41:6	58–6450	6	O–Ring
41:7	58–6460	3	Ring
41:8	58–6290	3	Poppet
41:9	58–6340	3	O–Ring
41:10	58–6320	3	Wiper
41:11	58–6370	1	Washer

☆ Not serviced separately



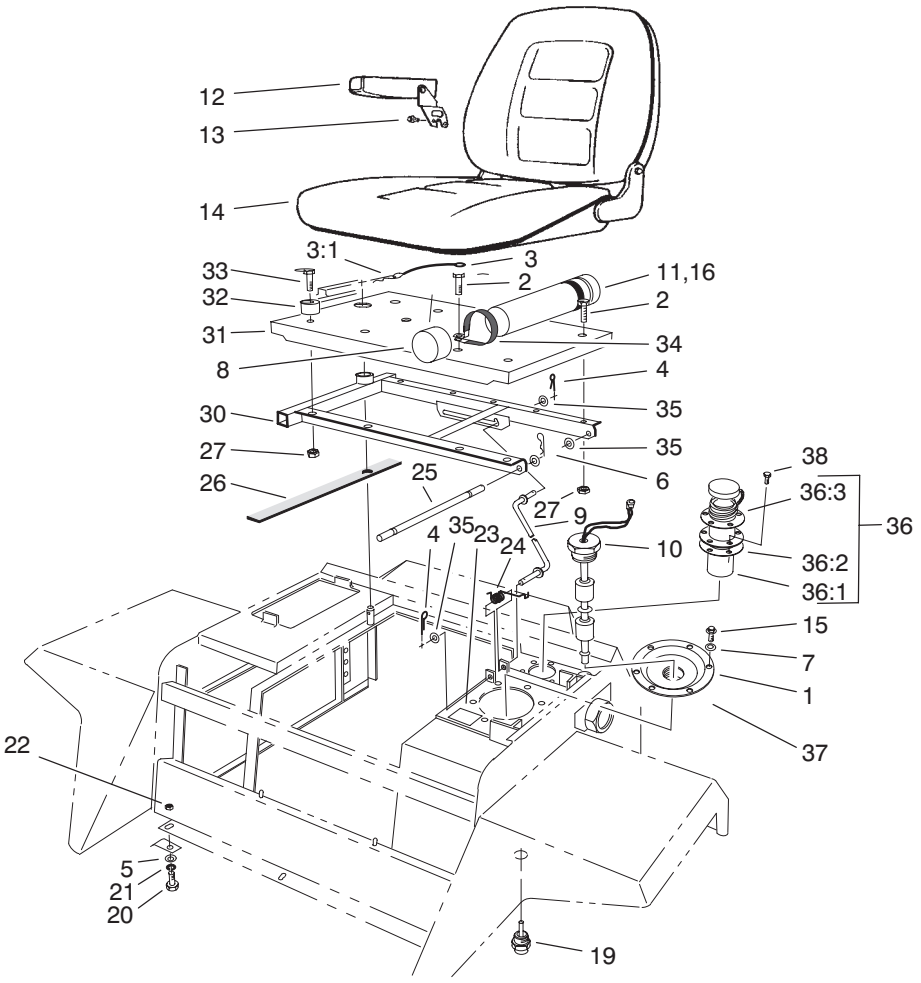
Sheet No.:A4
T–3658

Priority Flow Control Valve Assembly No. 58–5490

Ref. No.	Part No.	Qty.	Description
1	59–7600	2	Plug
☆3		1	Spool
☆4		1	Body
13	59–7720	1	Washer
17	59–7750	1	Washer
18	59–7760	1	Washer
19	59–7770	1	Spring
20	63–4520	1	Seal Kit
20:1	59–7610	2	Ring
20:2	59–7640	1	Ring
20:3	59–7650	1	Ring
20:4	60–5950	1	Washer
20:5	59–7780	1	Ring
20:6	58–6370	1	Washer
21	94–8265	1	Plug–Metering
☆21:1		1	Stem–Metering
☆21:2		1	Pin–Groove
☆21:3		1	Shim
☆21:4		1	Shim
☆21:5		1	Shim
☆21:6		1	Plug–Metering

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately

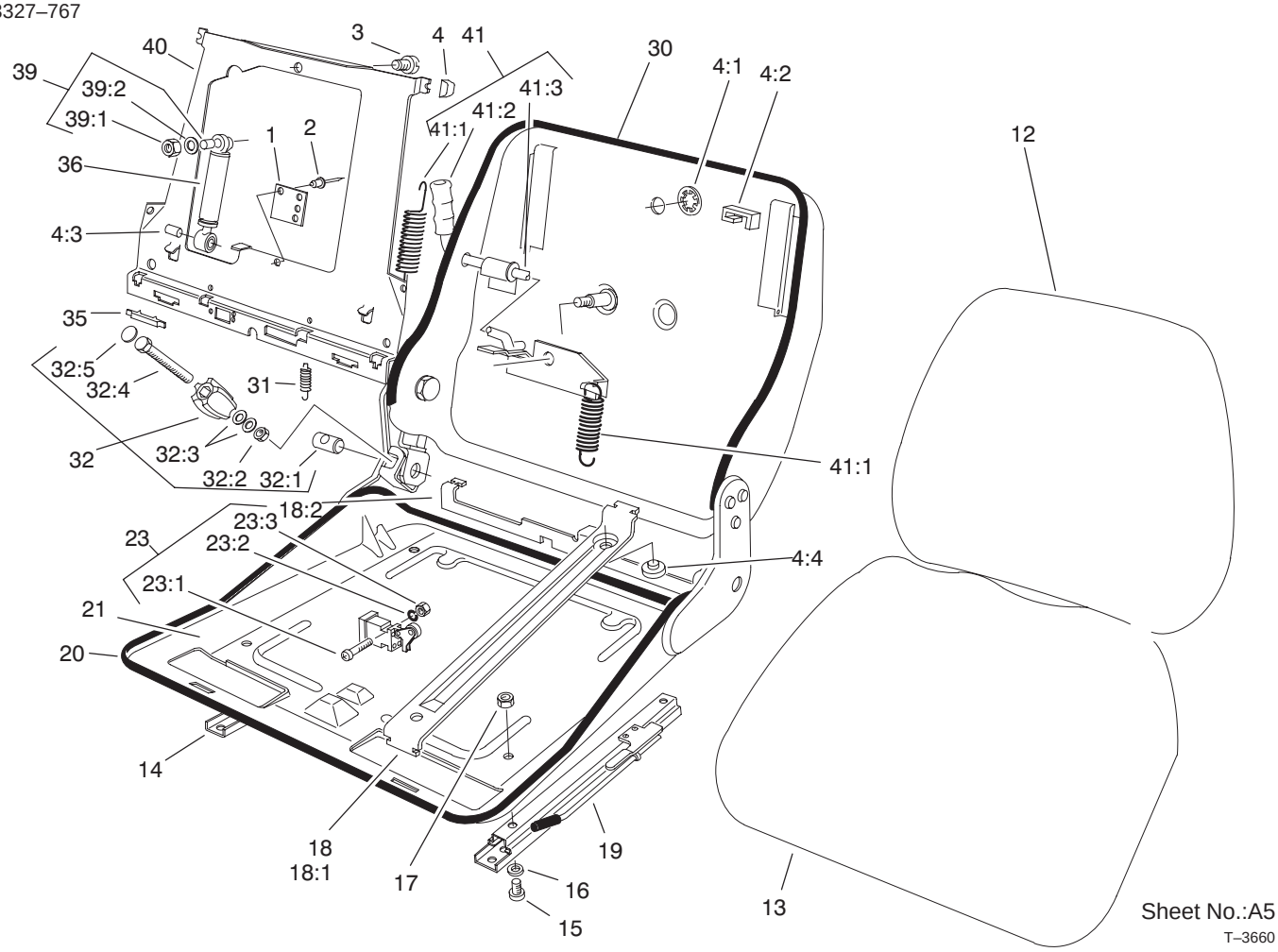


Sheet No.:10
T–3659

Seat Platform and Filler Cap Assembly

Ref. No.	Part No.	Qty.	Description
1	92–9200	1	Cover
2	3234–5	6	Screw
3	60–2160	1	R–Clip ASM
3:1	3290–355	1	Pin–Hair
4	3272–11	2	Pin–Cotter
5	3256–24	2	Washer–Flat
6	3290–250	2	Pin–Hair, Cotter
7	3253–15	6	Washer–Lock/Sp
8	65–5890	2	Cap–End
9	58–1650	1	Rod–Seat
10	82–9340	1	Level Switch ASM
11	65–5870	1	Tube
12	55–4660	1	Armrest
13	56–3850	4	Screw
14	77–4860	1	Seat ASM
15	46–0670	6	Screw–PPH
16	323–13	5	Screw–HH
19	60–5580	1	Switch–Temperature
20	323–7	2	Screw–HH
21	3253–21	2	Washer–Lock
22	32128–21	2	Nut–HF
23	93–6686	1	Decal–Oil, HYD
24	60–0050	1	Spring–Tray, Seat
25	58–1640	1	Pin–Pivot, Seat
26	68–7850	1	Strip–Sealing
27	32128–20	10	Nut–HF

Ref. No.	Part No.	Qty.	Description
30	58–1580–03	1	Seat–Frame
31	58–9830–03	1	Plate–Seat
32	26–4840	4	Spacer–Pin, Mounting
33	322–6	4	Screw–HH
34	2412–102	2	R–Clamp
35	3256–24	4	Washer–Flat
36	71–4040	1	HYD Filler ASM
36:1	62–2610	1	Strainer–Cap, Filler
36:2	353–963	2	Gasket
36:3	353–961	1	Flange
37	58–6820	1	Gasket
38	32144–107	6	Screw

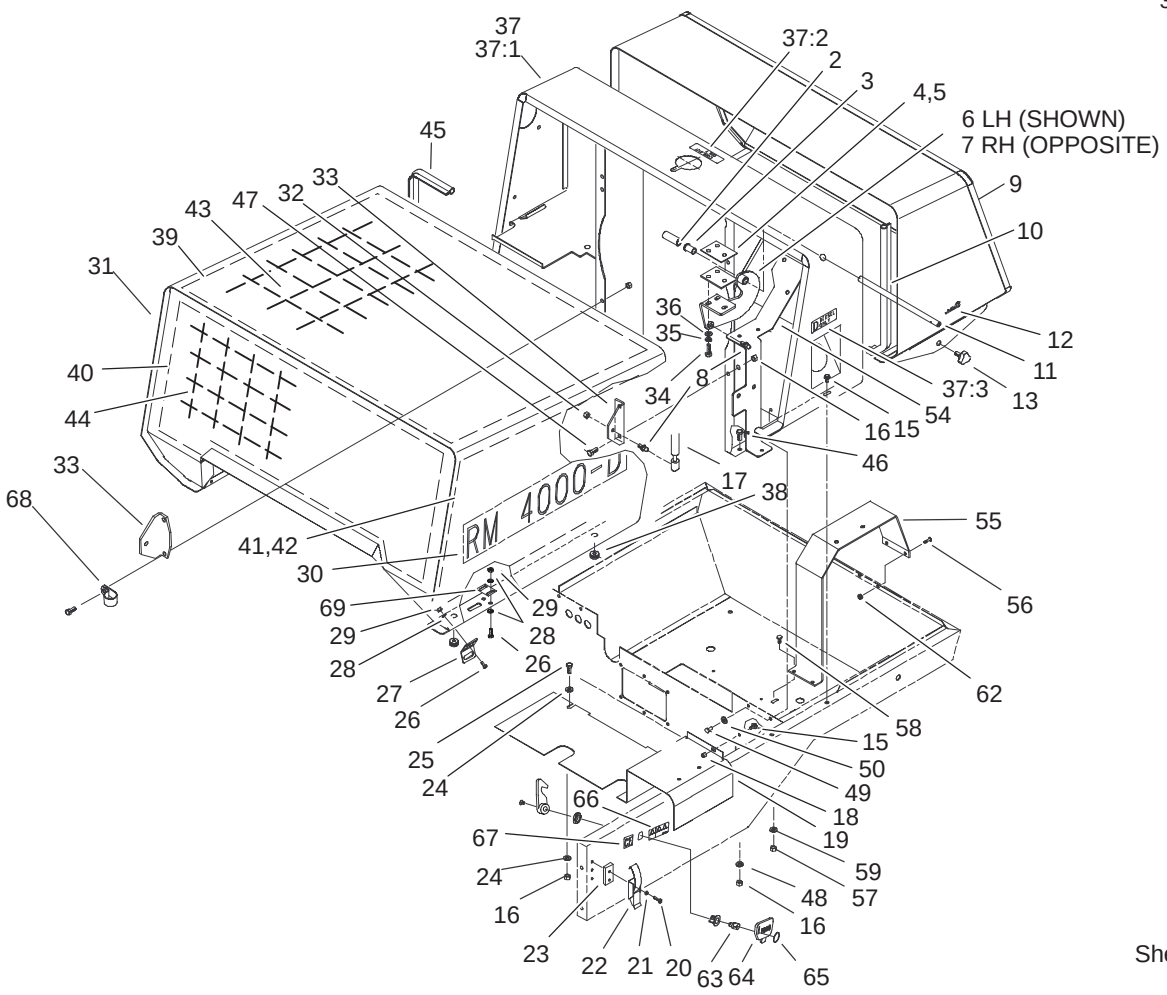


Seat Assembly No. 77–4860

Ref. No.	Part No.	Qty.	Description
1	82–2850	1	Plate
2	82–9680	2	Rivet
3	82–9700	1	Screw
4	82–2730	1	Wear Parts Kit
☆4:1		1	Cover
☆4:2		2	Bumper
☆4:3		1	Bushing
☆4:4		2	Pad
12	82–2800	1	Cushion–Rest, Back
13	82–2840	1	Cushion–Bottom
14	82–2790	1	Rail–Adjust, LH
15	82–9690	4	Screw
16	82–9660	4	Washer
17	82–9650	4	Nut
18	82–2820	1	Swing Arm ASM
☆18:1		1	Pivot–Plate, Back
☆18:2		1	Plate–Backrest
19	92–2951	1	Rail–Adjust, LH
20	82–9710	1	Trim–Bottom
21	82–2720	1	Frame–Seat
23	82–2810	1	Switch ASM
23:1	82–9640	2	Screw
23:2	82–9620	2	Washer–Spring
23:3	82–9630	2	Nut
30	82–9720	1	Trim–Rest, Back
31	82–2860	1	Spring–Set, Tension

Ref. No.	Part No.	Qty.	Description
32	82–2750	1	Spindle Adj. ASM
32:1	56–4170	1	Pin
32:2	56–3890	1	Nut
32:3	56–3880	2	Washer
32:4	82–2710	1	Screw
☆32:5		1	Cover
35	82–2830	2	Clamp
36	82–2770	1	Shock Absorber ASM
39	82–2760	1	Bushing Kit
39:1	82–9670	1	Nut
39:2	56–3940	1	Washer
☆40		1	Plate–Backrest
41	82–2880	1	Weight Adj. ASM
41:1	82–2740	2	Set–Spring, Tension
41:2	56–4150	1	Lever
41:3	82–2870	1	Lever–Adjust

☆ Not serviced separately

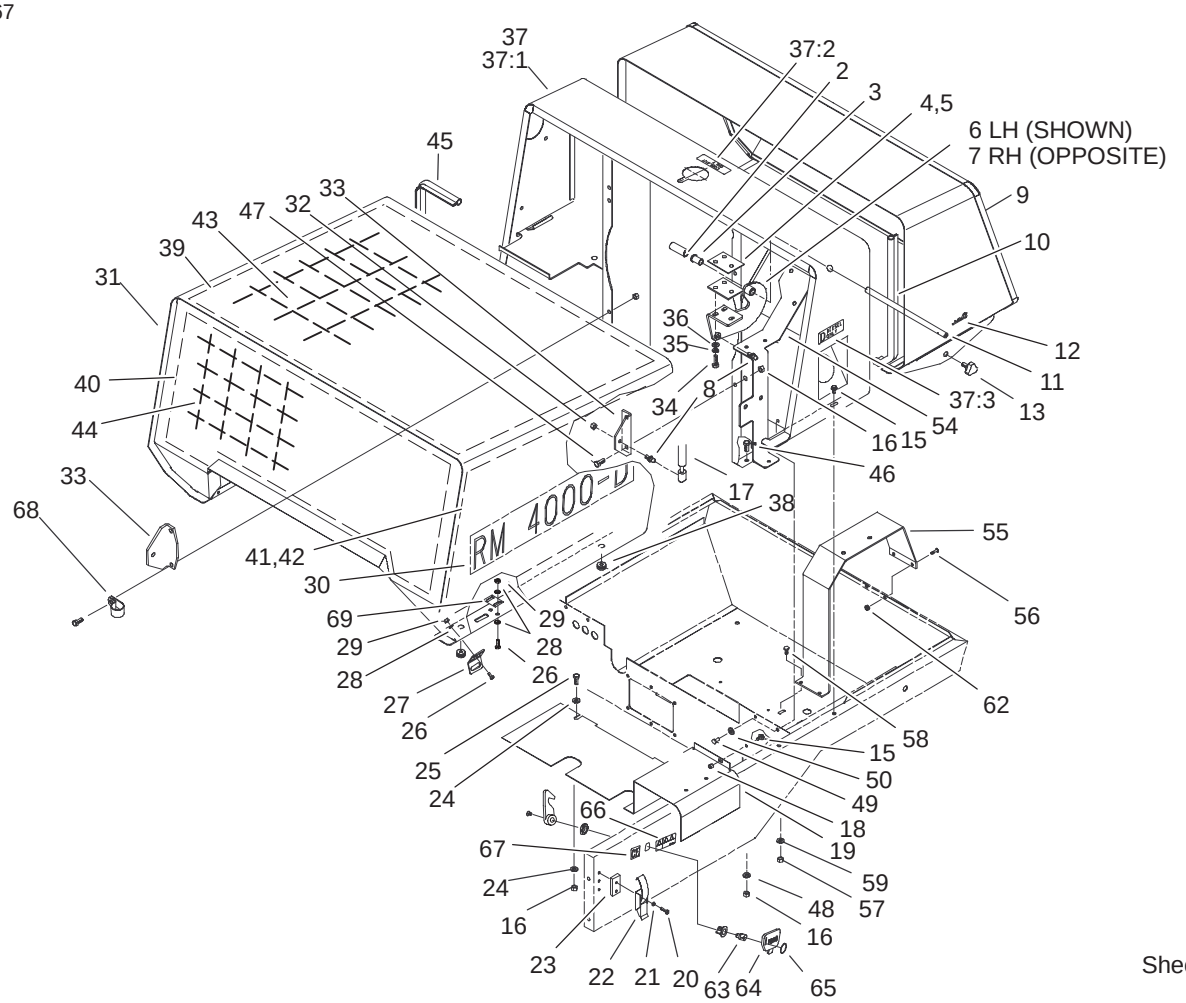


Sheet No.:11
T–3661

Front and Rear Canopy Assembly

Ref. No.	Part No.	Qty.	Description
2	92–5655	2	Tube–Canopy
3	58–3930	2	Bushing–Oilite
4	58–5330	2	Spacer–Hinge, Canopy
5	58–5350	2	Spacer–Hinge, Canopy
6	58–1970–01	1	Plate–Hinge, Left
7	58–1980–01	1	Plate–Hinge, Right
8	86–6130	4	Ball–Stud
9	92–6086	1	Rear Screen ASM
10	92–5253	1	Strip–Sealing
11	58–3910	2	Pin–Hinge, Canopy
12	3290–355	2	Pin–Hair
13	77–3620	2	Knob–Retainer
15	3234–13	5	Screw–HHF
16	3296–29	9	Nut–Lock, NI
17	88–6760	2	Spring–Gas
18	3296–56	1	Nut–Lock, NI
19	105–3330–03	1	Baffle–Body, Lower
20	3250–25	4	Screw–PPH
21	3253–2	4	Washer–Lock/Sp
22	58–5380	2	Latch–Draw
23	58–7070–03	2	Spacer–Latch, RH
24	3256–23	2	Washer–Flat
25	322–3	1	Screw–HH
26	3250–31	10	Screw–PPH

Ref. No.	Part No.	Qty.	Description
27	68–6040	2	Bracket
28	3256–51	12	Washer–Flat
29	3296–27	10	Nut–Lock NI
30	98–3822	2	Decal
31	104–5273	1	Canopy–Front
32	48–9510	2	Nut
33	92–5652–03	2	Bracket
34	33114–025	6	Screw–HH
35	42–9850	6	Washer–Lock, Spring
36	33094–00	6	Washer–Flat
37	105–3325	1	Center Canopy ASM
37:1	105–3324	1	Canopy–Center
37:2	93–9404	1	Decal–Only, Coolant
37:3	93–6680	1	Decal–Diesel
38	237–141	4	Grommet–Rubber
39	92–5678	1	Foam–Hood, Top
40	92–5679	1	Foam–Hood, Front
41	92–5680	1	Foam–Hood, RH
42	92–5681	1	Foam–Hood, LH
43	92–5672–03	1	Support–Foam, Canopy
44	92–5673–03	1	Support–Foam, Front
45	92–6060	1	Strip–Sealing
46	322–5	4	Screw–HH
47	322–4	4	Screw–HH
48	3256–3	4	Washer–Flat

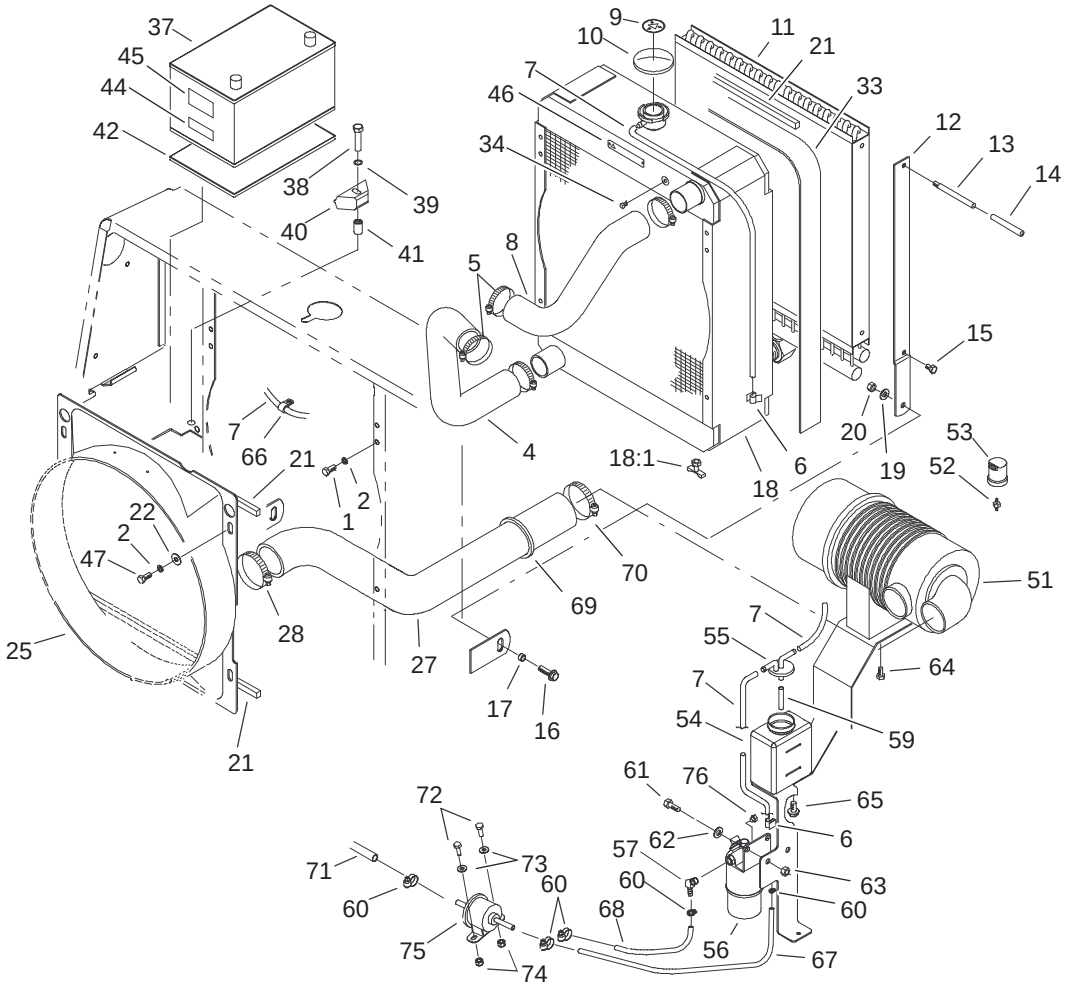


Sheet No.:11
T–3661

Front and Rear Canopy Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
49	321–2	4	Screw–HH
50	3253–3	4	Washer–Lock
54	104–5230–03	1	Bracket–Fuel
55	94–8226–03	1	Bracket–Cleaner, Air
56	32122–42	2	Screw
57	3296–42	2	Nut–Lock, NI
58	321–3	2	Screw–HH
59	3256–22	2	Washer–Flat
62	3296–56	2	Nut–Lock, NI
63	98–5398	1	Latch
64	99–8970	1	Key–Latch, Hood
65	98–9321	1	Ring–Key
66	100–6574	1	Decal–Warning
67	93–7252	1	Decal–International
68	2412–109	1	Clip–J
69	105–9270	1	Plate–Strike

Ref. No.	Part No.	Qty.	Description

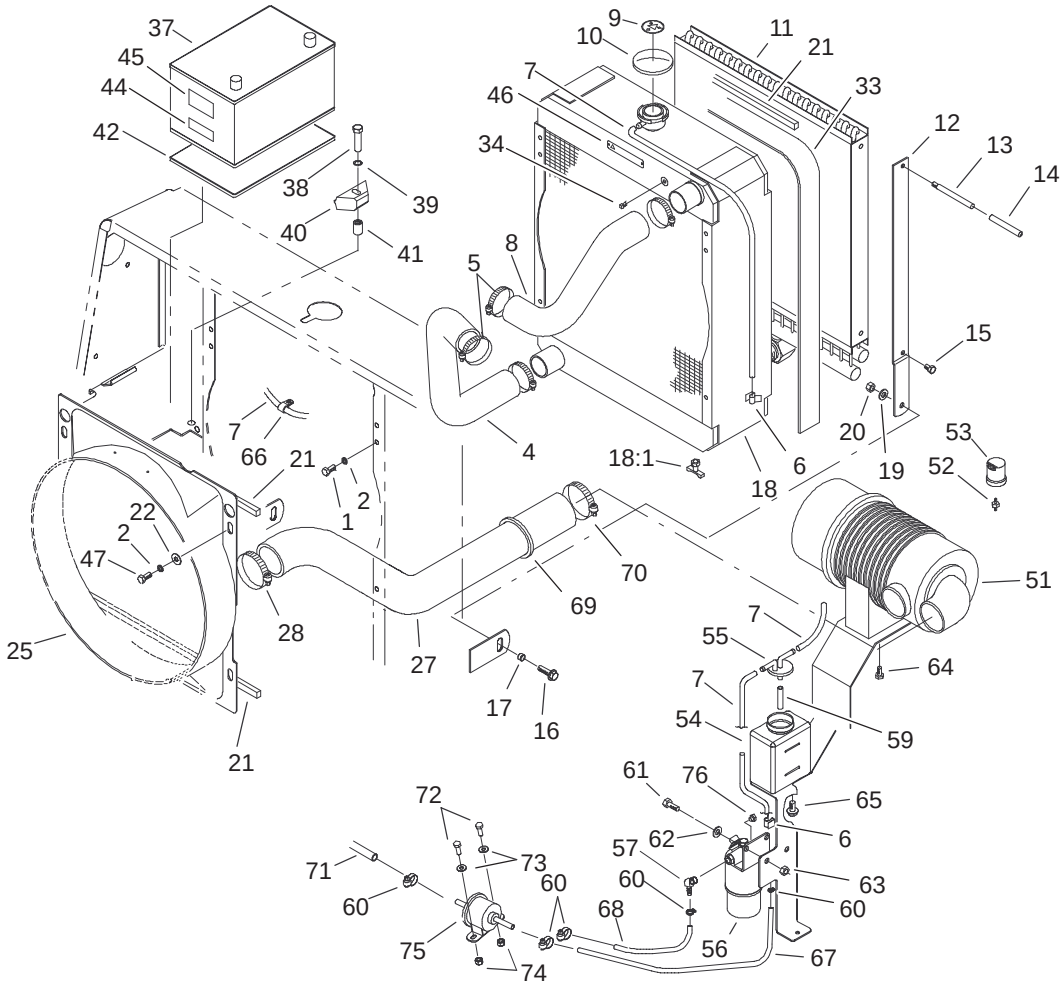


Sheet No.:12

Radiator, Oil Cooler and Air Cleaner Assembly

Ref. No.	Part No.	Qty.	Description
1	322–3	2	Screw–HH
2	3253–4	6	Washer–Lock
4	98–1215	1	Hose–Lower, Radiator
5	2412–92	4	Clamp–Hose
6	104–5232	4	Clip–Wire
7	98–7895	2	Tube
8	98–1214	1	Hose–Radiator, Upper
9	59–8440	1	Decal
10	58–5420	1	Cap–Pressure
11	58–5540	1	Cooler–Oil
12	92–4753–03	2	Strap–Cooler, Oil
13	75–7790	2	Handle
14	47–2550	2	Grip–Handle, Bag
15	48–7680	2	Screw–HH
16	3234–11	2	Screw–HHF
17	76–2290	2	Spacer
18	92–4729	1	Radiator ASM
18:1	304–46	1	Draincock
19	3256–24	4	Washer–Flat
20	3296–39	2	Nut–Lock, NI
21	68–7575	3	Strip–Sealing
22	3256–71	4	Washer–Flat
25	98–1250	1	Shroud–Fan
27	98–1234	1	Hose–Intake
28	2412–42	1	Clamp–Hose
33	92–6062	1	Foam–Seal, Radiator

Ref. No.	Part No.	Qty.	Description
34	281–2	1	Plug–Pipe, Square Head
37	93–3220	1	Battery
38	323–9	1	Screw–HH
39	3256–24	1	Washer–Flat
40	66–2490	1	Retainer–Battery
41	32148–9	1	Insert–Nut
42	93–1420	1	Tray–Battery
44	93–6668	1	Decal–Battery
45	93–7276	1	Decal–Danger
46	93–6681	1	Decal–Warning, Fan
47	322–4	4	Screw–HH
51	100–2597	1	Air Filter ASM
52	94–1416	1	Indicator Adapter ASM
53	69–1940	1	Indicator–Electrical
54	93–2049	1	Tank–Overflow
55	93–2048	1	Cap–Tank, Overflow
56	104–5218	1	Filter–Water/Fuel Sep.
57	353–781	2	Fitting
59	94–1348	1	Hose–Fuel
60	2412–108	5	Clamp–Worm
61	322–5	2	Screw–HH
62	3256–23	2	Washer–Flat
63	3296–29	2	Nut–Lock, NI
64	33104–016	2	Screw–HHF
65	33114–016	2	Screw–HH



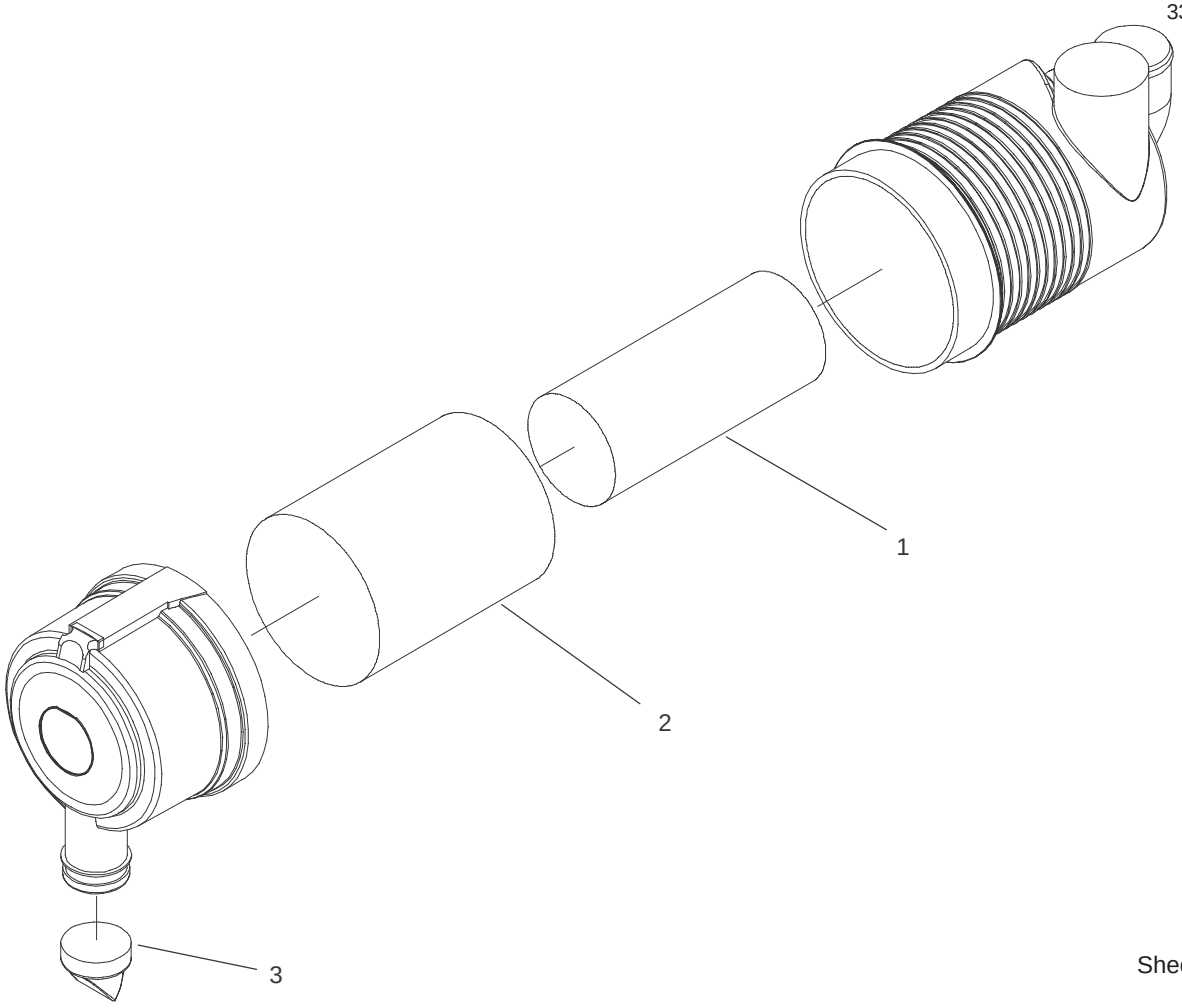
Sheet No.:12

Radiator, Oil Cooler and Air Cleaner Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
66	92–6064	1	R Clamp
67	104–4848	1	Hose–Fuel
68	63–7630	1	Hose–Fuel
69	98–7896	1	Trim Lok
70	2412–125	1	Clamp–Hose
71	23–2140	1	Hose–Fuel
72	321–4	2	Screw–HH
73	3256–1	2	Washer–Flat
74	3296–42	2	Nut–Lock, NI
75	104–5215	1	Pump–Fuel, Electric
76	281–13	2	Plug–Pipe

Ref. No.	Part No.	Qty.	Description

3327–767



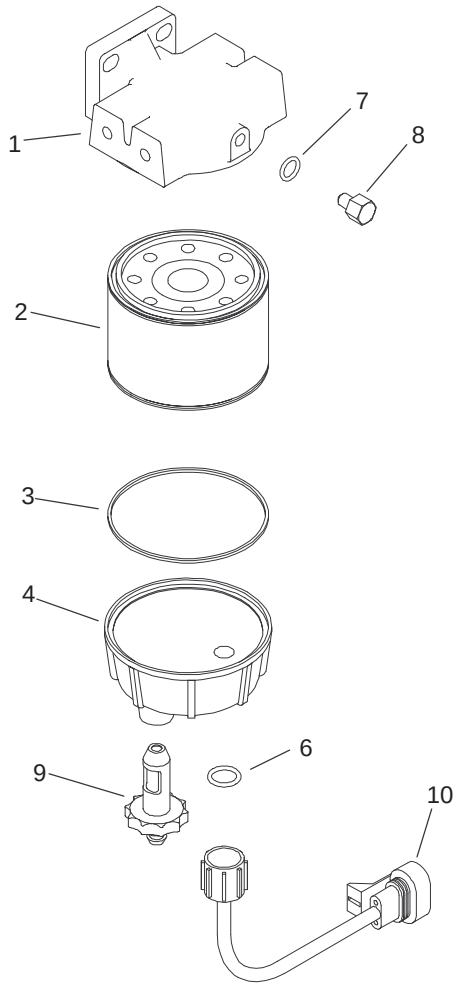
Sheet No.:A6

T–3774

Air Filter Assembly No. 100–2597

Ref. No.	Part No.	Qty.	Description
1	93–9162	1	Filter–Primary
2	93–9163	1	Filter–Secondary
3	94–1414	1	Valve–Vacuator

Ref. No.	Part No.	Qty.	Description

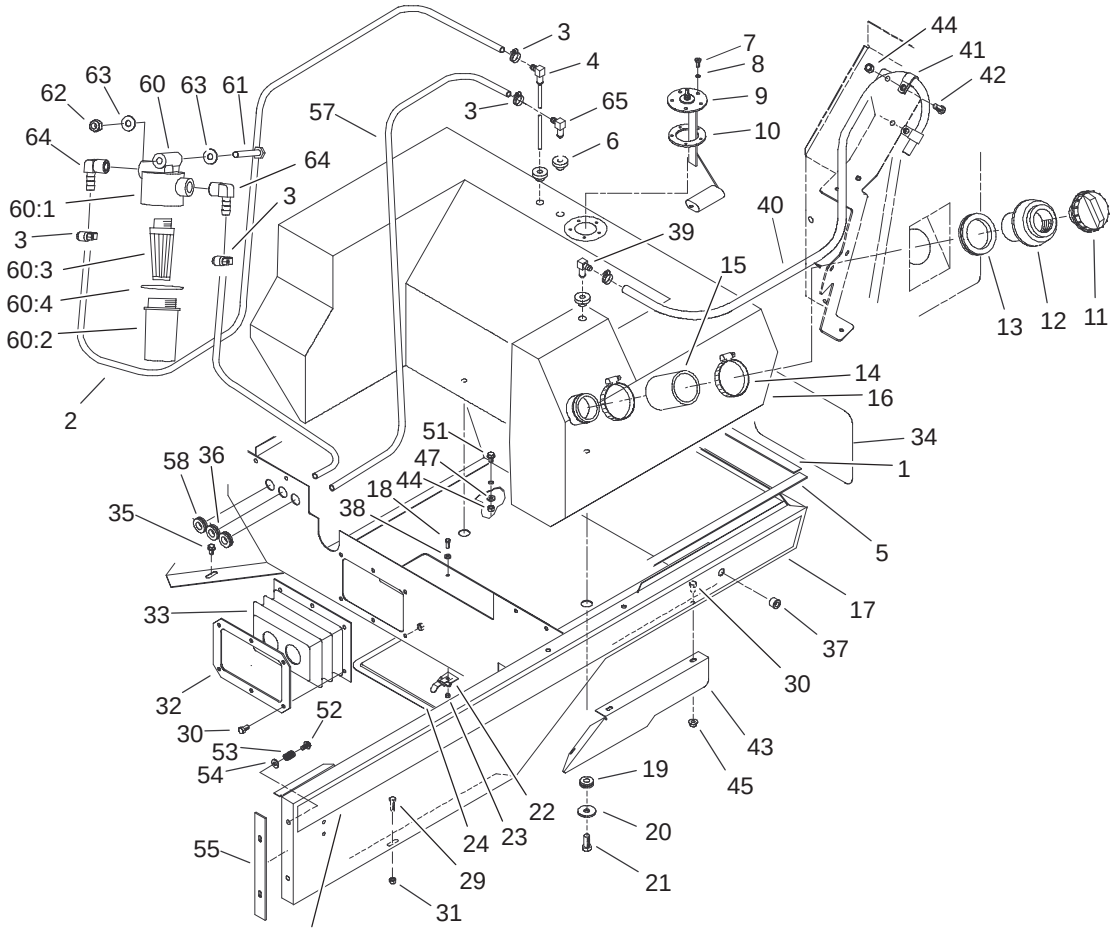


Sheet No.:A7

Fuel Filter Assembly No. 104–5218

Ref. No.	Part No.	Qty.	Description
1	98–9772	1	Head–Filter
2	98–9764	1	Element–On, Spin
3	98–9774	1	O–Ring–Base, Filter
4	98–9775	1	Base–Filter
6	237–42	1	O–Ring
7	237–78	1	O–Ring
8	98–9776	1	Plug–Head, Filter
9	98–9777	1	Drain Valve ASM
10	104–5219	1	Probe–Water

Ref. No.	Part No.	Qty.	Description

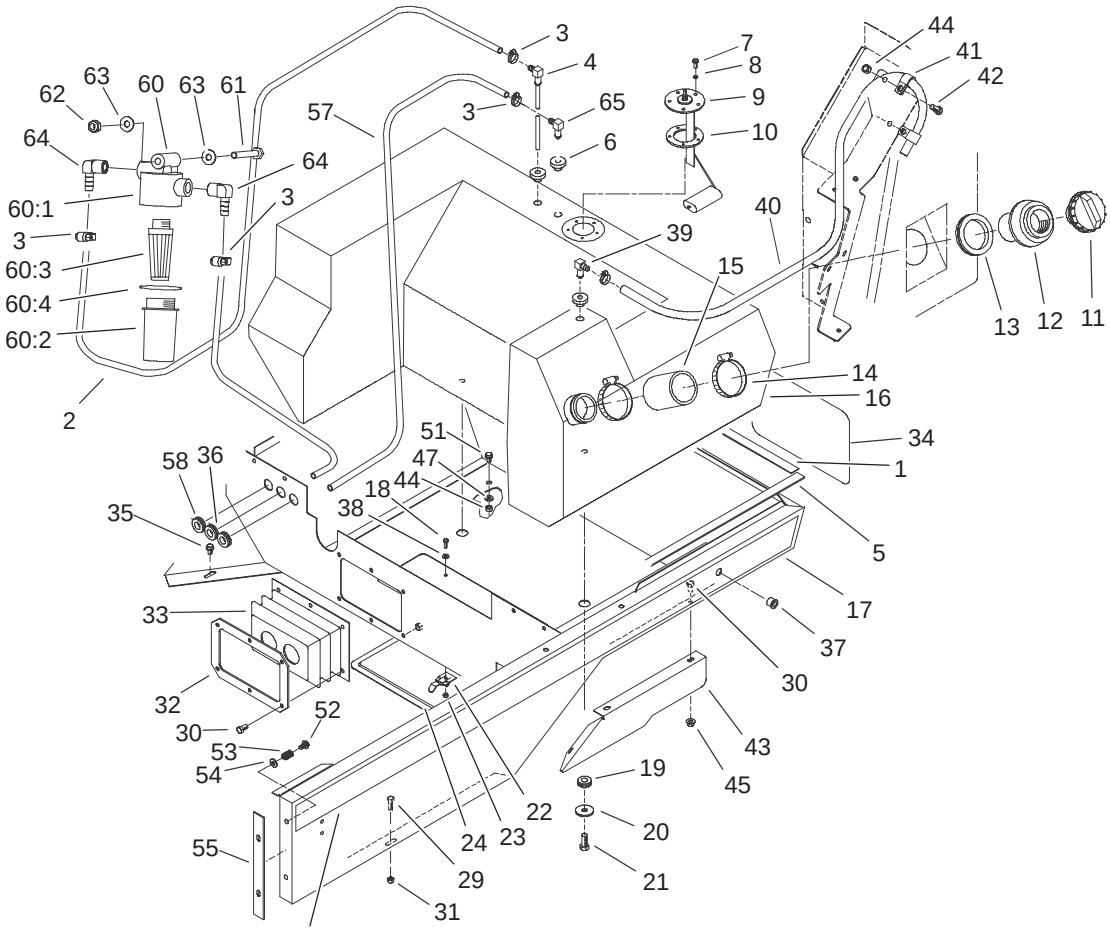


Sheet No.:13
T–3861

Fuel Tank and Lower Body Assembly

Ref. No.	Part No.	Qty.	Description
1	92–5671	1	Strip–Sealing
2	47–7450	1	Hose–Fuel
3	2412–108	5	Clamp–Worm
4	92–9266	1	Standpipe
5	92–5670	2	Strip–Sealing
6	46–6560	3	Bushing
7	32122–24	5	Screw–Pth
8	3253–15	5	Washer–Lock/Sp
9	92–9267	1	Sender–Fuel
10	62–7650	1	Gasket
11	93–3102	1	Cap–Fuel
12	92–5674	1	Neck–Fill, Fuel
13	92–5675	1	Grommet
14	2412–42	2	Clamp–Hose
15	92–9272	1	Hose–Fill, Fuel
16	93–1402	1	Tank–Fuel
17	104–5266–03	1	Body–Lower
18	32144–1	4	Screw–Taptite
19	240–11	2	Grommet–Mount, Tank
20	63–8410	2	Washer
21	323–5	2	Screw–HH
22	52–9590	4	Latch–Screen
23	3296–12	4	Nut–Lock
24	92–5654–03	1	Panel–Out, Clean
29	3234–4	1	Screw–HHF

Ref. No.	Part No.	Qty.	Description
30	321–2	9	Screw–HH
31	3296–56	7	Nut–Lock, NI
32	92–5653–03	1	Ring–Clamp
33	92–5269	1	Bellows
34	66–6140	1	Decal–Logo, Toro
35	3234–13	2	Screw–HHF
36	240–9	3	Grommet
37	32148–9	2	Insert–Nut
38	3256–51	4	Washer–Flat
39	46–6550	1	Fitting–HYD, 90°
40	92–9283	1	Hose–Fuel
41	92–6064	2	R Clamp
42	322–3	2	Screw–HH
43	92–6069–03	1	Shield–Exhaust
44	3296–29	4	Nut–Lock, NI
45	32128–33	3	Nut–HF
47	3256–23	2	Washer–Flat
51	3234–17	2	Screw–HHF
52	94–8270	4	Bolt–Shoulder
53	63–4220	4	Spring–Compression
54	3256–78	4	Washer–Flat
55	94–8258	2	Strip–Seal
57	100–6588	1	Hose–Return
58	60–4350	1	Grommet
60	99–8351	1	Filter–Fuel, Inline
60:1	99–8356	1	Head W/Label Kit



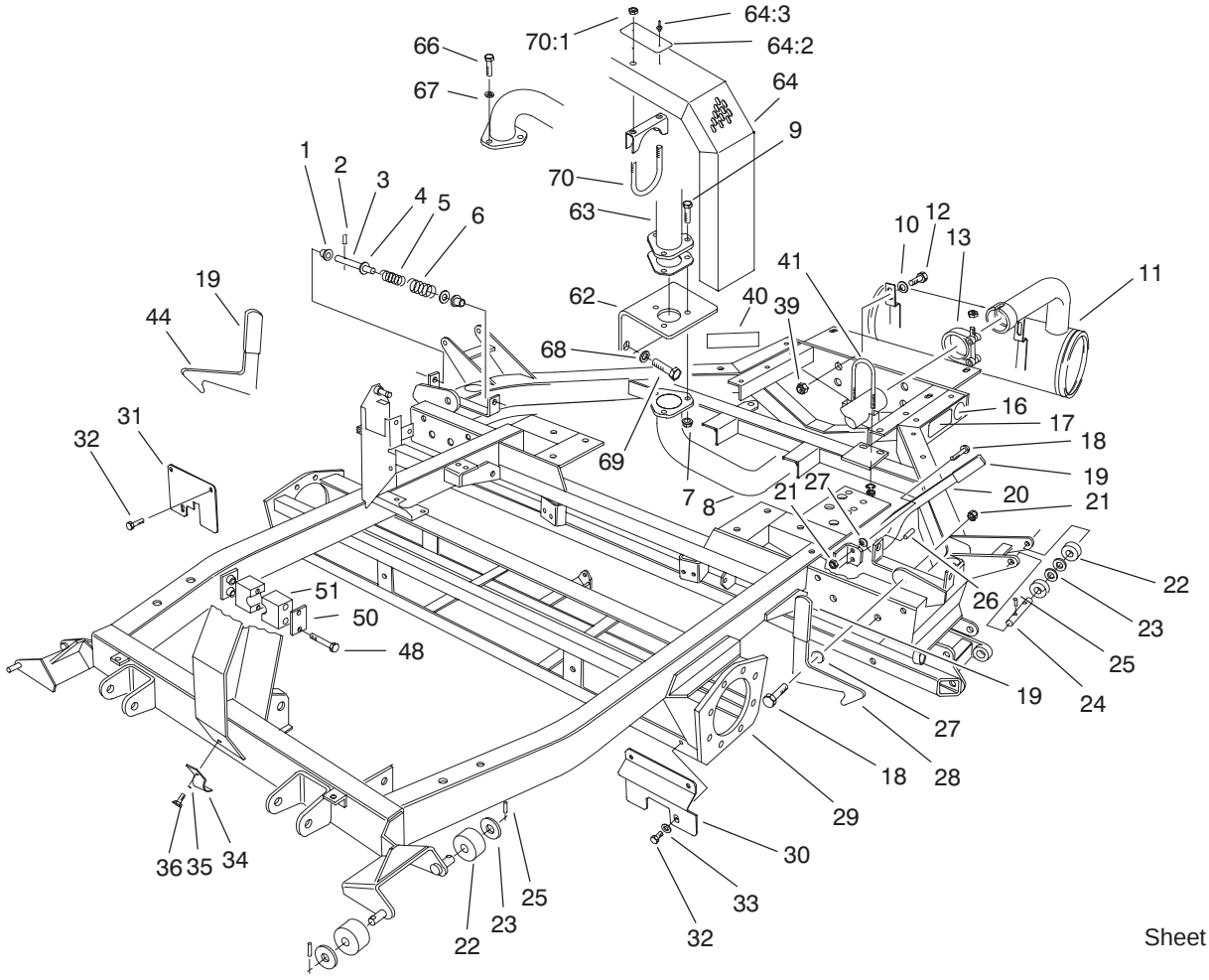
Sheet No.:13

T–3861

Fuel Tank and Lower Body Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
60:2	99–8357	1	Bowel Kit
60:3	99–8358	1	Element Kit
60:4	99–8359	1	O–Ring
61	321–11	1	Screw–HH
62	3296–42	1	Nut–Lock, NI
63	3256–1	2	Washer–Flat
64	353–781	2	Fitting
65	104–5228	1	Elbow–90°

Ref. No.	Part No.	Qty.	Description



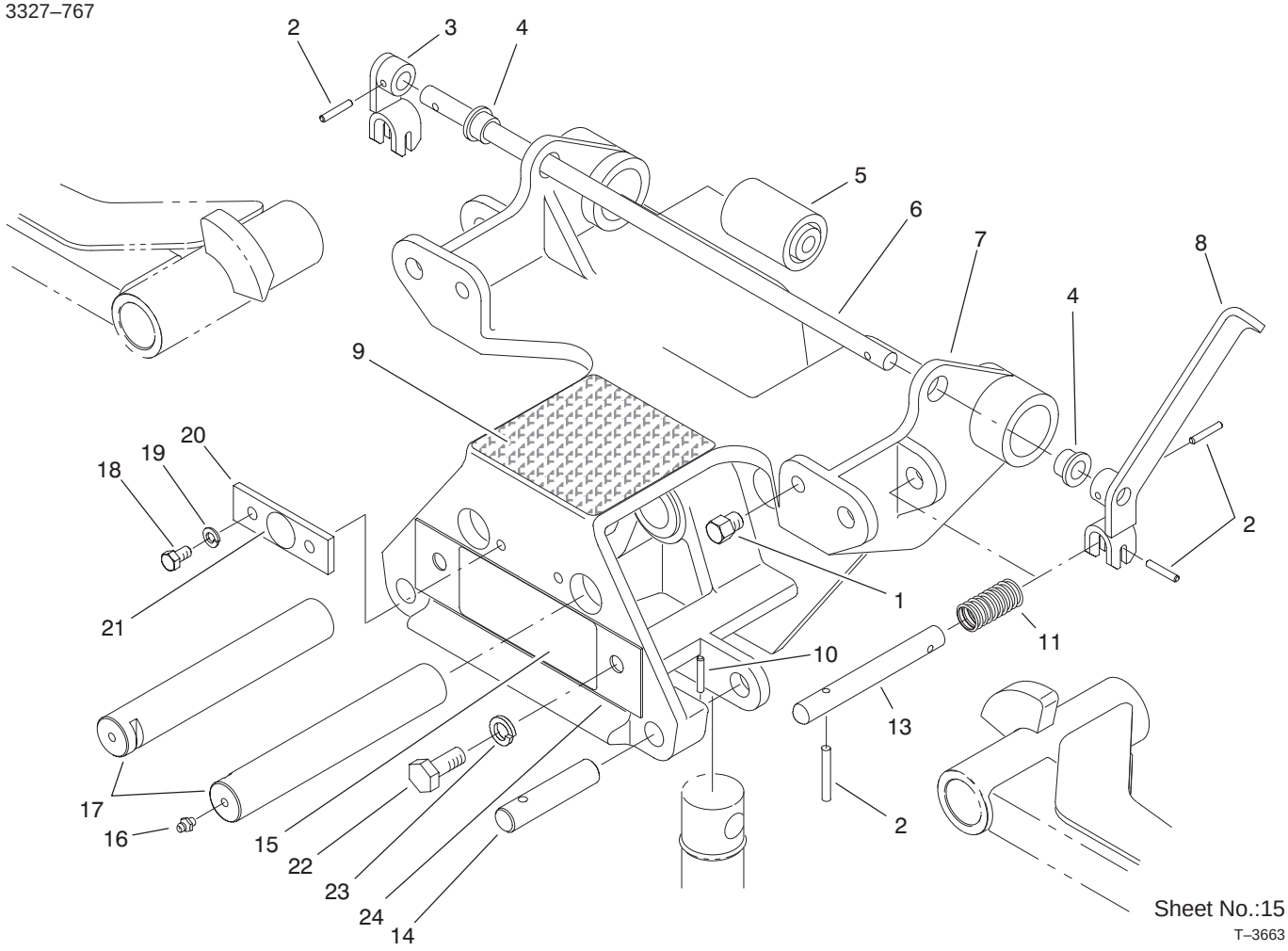
Sheet No.:14

T–3662

Frame and Muffler Assembly (only on: 03707)

Ref. No.	Part No.	Qty.	Description
1	58–2800	4	Bushing
2	60–3720	2	Pin–Roll
3	58–2810	2	Rod
4	3256–7	4	Washer–Flat
5	48–6780	2	Spring–Compression
6	60–1240	2	Spring
7	3296–29	3	Nut–Lock, NI
8	98–1230–03	1	Tube–Lower
9	322–7	3	Screw–HH
10	3256–24	4	Washer–Flat
11	92–5273	1	Muffler
12	323–9	4	Screw–HH
13	2412–132	1	Clamp
16	58–6520	3	Decal–Grease
17	93–9405	2	Decal–Pressure, Air
18	33116–030	3	Screw–HH
19	48–7080	3	Grip–Plastic
20	86–6570–03	1	Latch
21	51–2070	3	Nut
22	82–4910	8	Roller
23	51–2060	8	Washer
24	60–0160	2	Pin
25	60–2110	8	Pin
26	48–8830	1	Pin–Expansion
27	48–8850	3	Spring–Disc
28	86–6590–03	1	Latch–LH

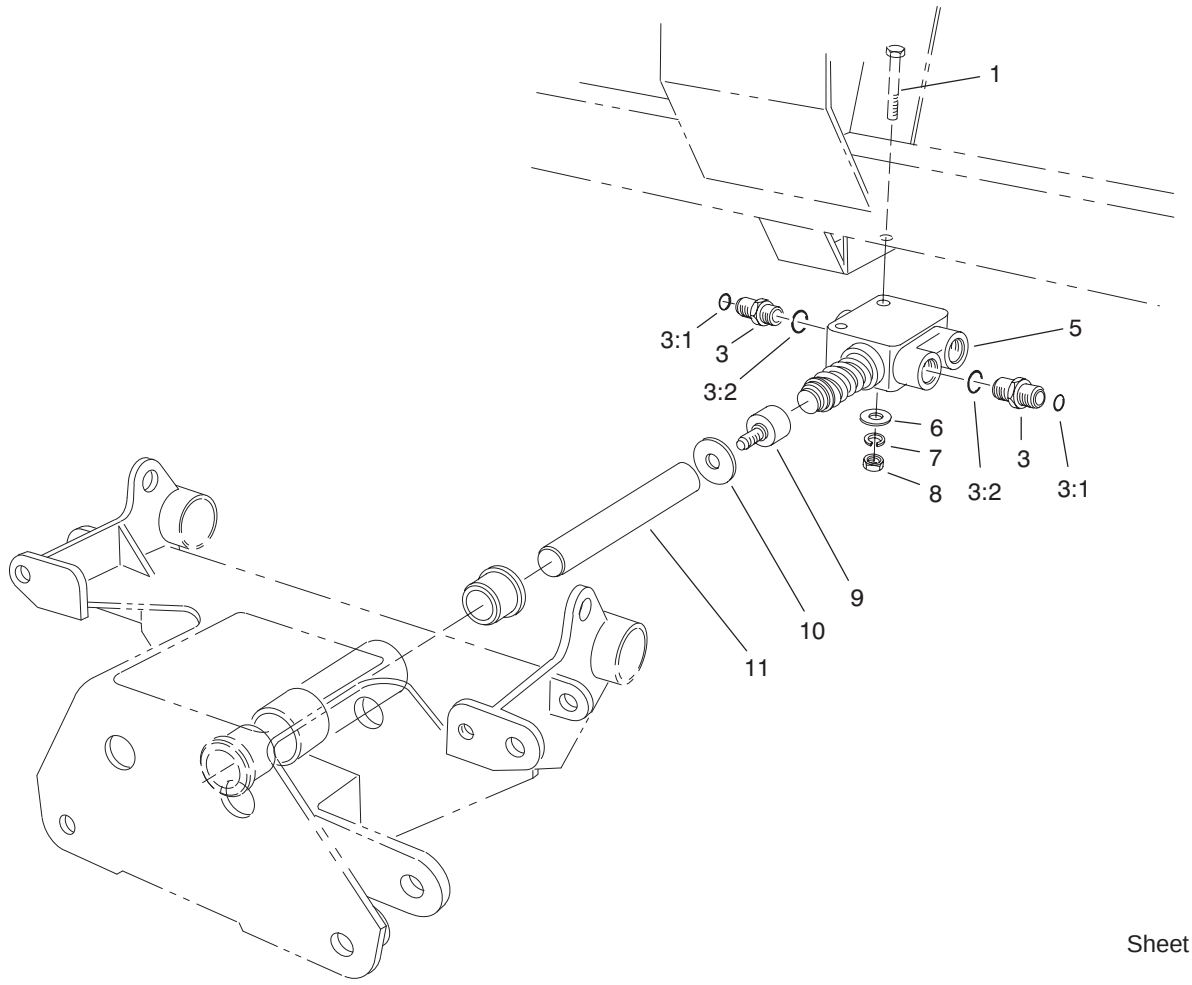
Ref. No.	Part No.	Qty.	Description
29	94–8268–01	1	Frame
30	60–4190–03	1	Shield–Grass, LH
31	60–4200–03	1	Shield–Grass, RH
32	48–6900	6	Screw
33	33093–00	2	Washer–Flat
34	60–2080	1	Clamp–Hose
35	42–9850	1	Washer–Lock, Spring
36	48–7680	1	Screw–HH
39	3296–39	4	Nut–Lock, NI
40	88–6700	1	Decal–Ansi
41	76–3560	1	Clamp
44	86–6580–03	1	Latch–RH
48	321–9	2	Screw–HH
50	82–2980	1	Plate–Cover
51	82–2990	2	Clamp–Half
62	98–1246–03	1	Bracket–Exhaust
63	98–1231–03	1	Tube–Upper
64	98–7890	1	Shield–Exhaust
64:2	95–0645	1	Plate–Surface, Hot
64:3	3290–271	2	Rivet–Pop
66	33114–025	3	Screw–HH
67	42–9850	3	Washer–Lock, Spring
68	43–5940	2	Lockwasher–Spring
69	42–9250	2	Bolt
70	2112–6	2	Clamp–Muffler
70:1	3218–2	2	Nut–Jam



Front Carrier Assembly

Ref. No.	Part No.	Qty.	Description
1	82–9250	2	Stud–Threaded
2	60–2000	6	Pin
3	60–1750–03	1	Lever–Latching, RH
4	60–1990	2	Bushing
5	47–7010	2	Bushing–Rubber
6	60–1820	1	Shaft–Pivot, Latch
7	74–2920–03	1	Carrier–Front
8	60–1780–03	1	Lever–Latching, LH
9	82–9370	1	Pad–Step, Front
10	32121–84	2	Pin–Coil
11	60–0670	2	Spring
13	82–9360	2	Rod–Latch
14	58–2720	2	Pin
15	93–9400	1	Decal–Danger
16	302–5	2	Fitting–Grease
17	60–0090	2	Pin–Pivot, Lift Arms #1,2,3
18	322–2	2	Screw–HH
19	3253–4	2	Washer–Lock
20	60–0190	1	Strip
21	58–6520	1	Decal–Grease
22	325–2	2	Screw–HH
23	3253–7	2	Washer–Lock
24	84–6480	1	Plate–Decal

Ref. No.	Part No.	Qty.	Description



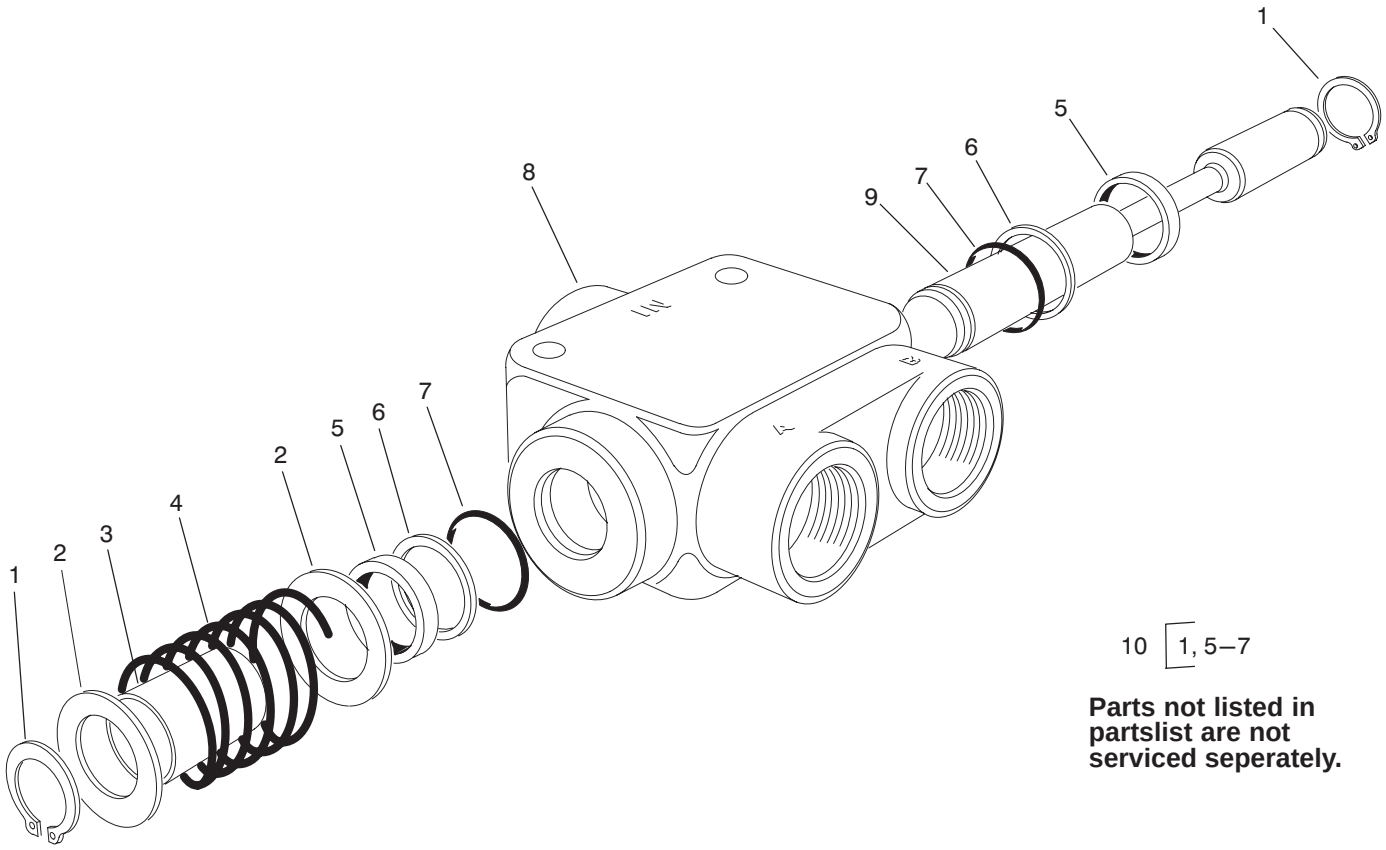
Sheet No.:16

T–3664

Front Reel Shut–Off Assembly

Ref. No.	Part No.	Qty.	Description
1	322–12	2	Screw–HH
3	340–7	3	Adapter
3:1	237–65	1	O–Ring
3:2	237–80	1	O–Ring
5	58–5460	1	Valve–Selector
6	3256–23	2	Washer–Flat
7	3253–4	2	Washer–Lock
8	3217–6	2	Nut–Hex
9	59–7140	1	Bushing–Rubber
10	3256–68	3	Washer–Flat
11	60–0300	1	Rod–Push

Ref. No.	Part No.	Qty.	Description



Parts not listed in partslist are not serviced seperately.

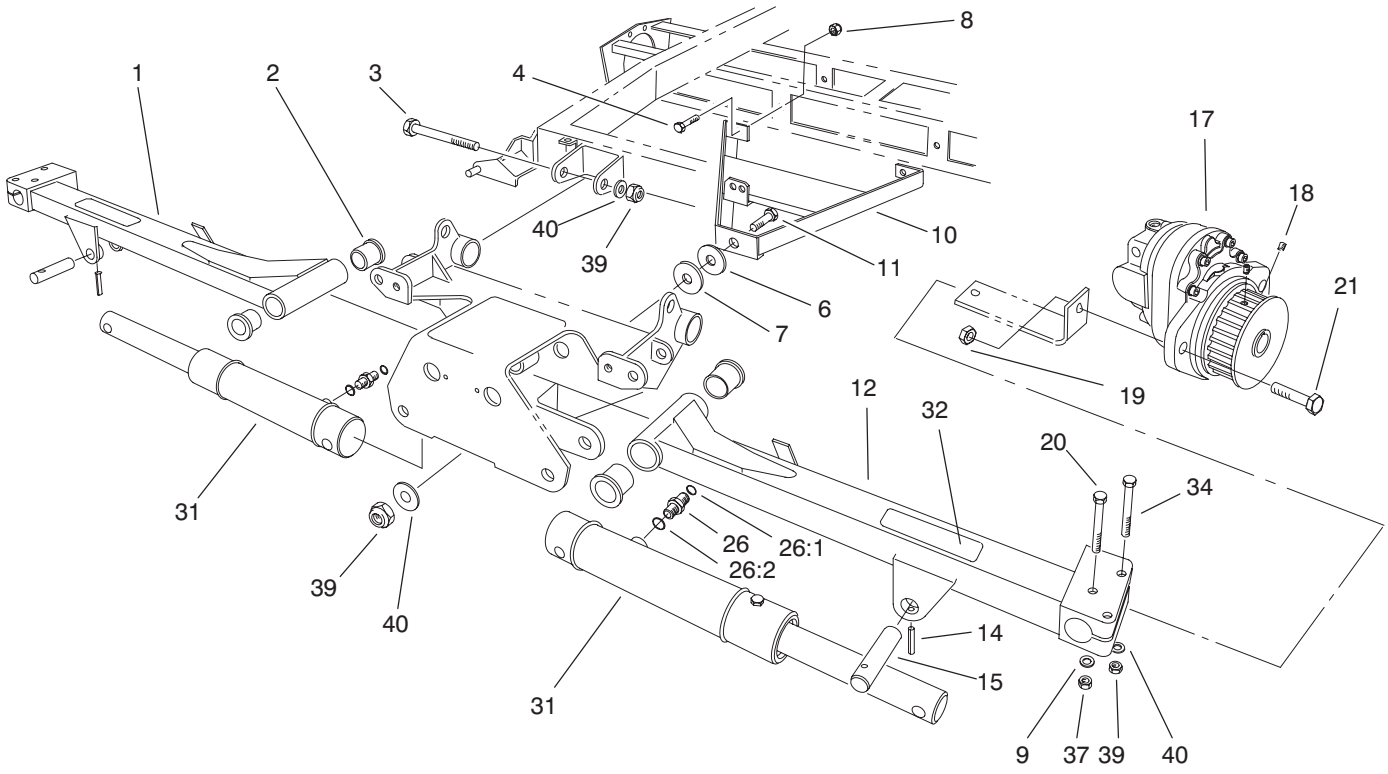
Sheet No.:A8
T–3665

Reel Shut–Off Valve Assembly No. 58–5460

Ref. No.	Part No.	Qty.	Description
2	59–7820	2	Washer
☆3		1	Spacer
4	59–7840	1	Spring
☆8		1	Body
☆9		1	Spool
10	59–7890	1	Seal Repair Kit

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately

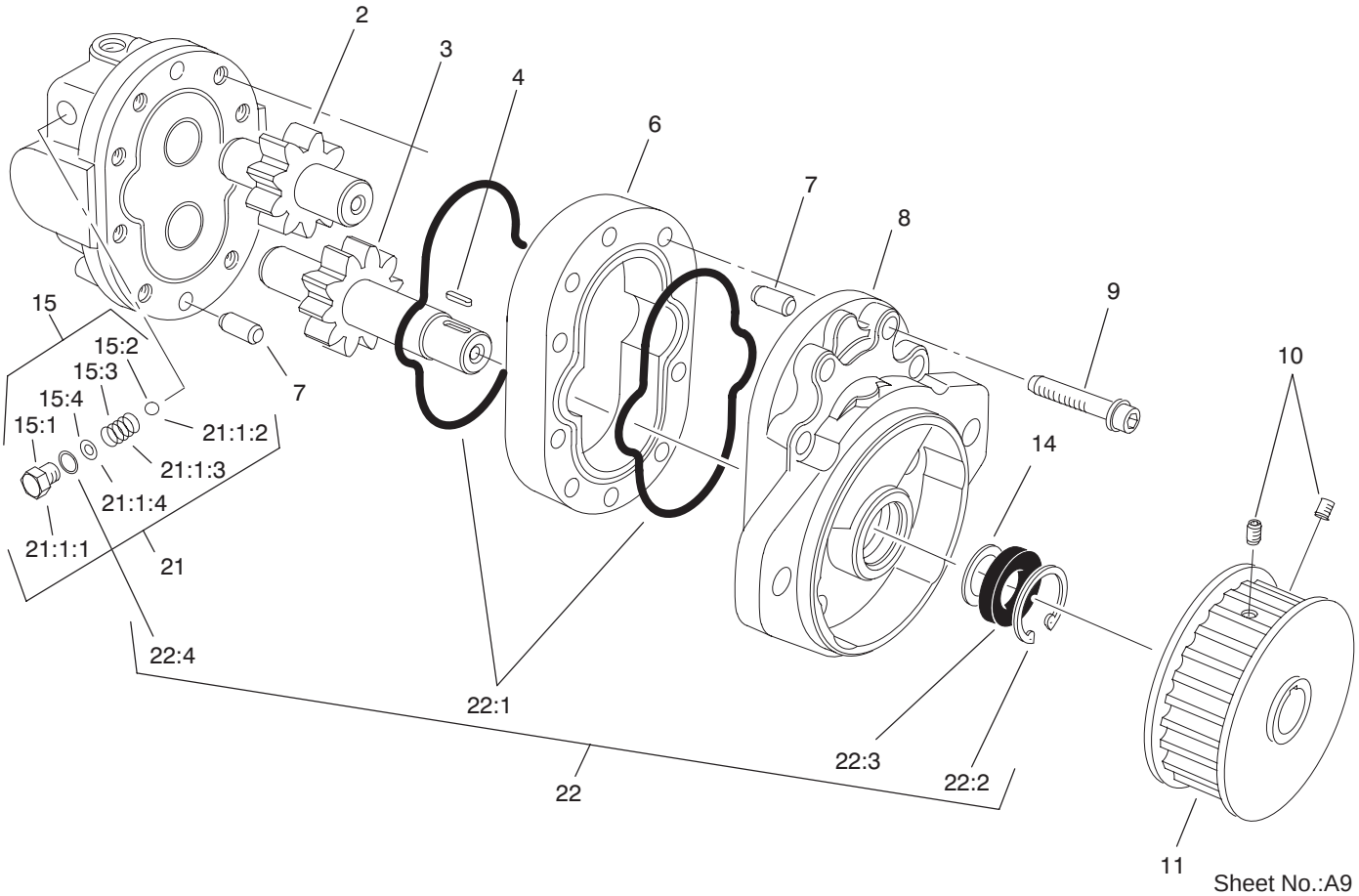


Sheet No.:17

T–3666

Front lift Arm and A–Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	92–9291–01	1	Arm–Lift, #3
2	68–6480	4	Bushing–Flange
3	325–17	2	Screw–HH
4	323–7	2	Screw–HH
6	52–6180	3	Spacer
7	60–3250	1	Washer
8	3290–357	2	Nut–HHF
9	3256–56	2	Washer–Flat
10	92–9246–03	1	A–Frame
11	325–7	1	Screw–HH
12	92–9290–01	1	Arm–Lift, #2
14	60–1280	2	Pin
15	58–4380	2	Pin
17	93–1412	2	Motor–HYD
18	3246–17	4	Setscrew–HSH
19	3296–48	2	Nut–Lock NI
20	323–14	2	Screw–HH
21	324–6	2	Screw–HH
26	340–2	2	Fitting–HYD, Straight
26:1	237–22	1	O–Ring
26:2	237–42	1	O–Ring
31	104–5225	2	Cylinder–HYD
32	93–7331	2	Decal–Warning
34	325–34	4	Screw–HH
37	3296–39	2	Nut–Lock, NI
39	3296–23	7	Nut–Lock, NI
40	3256–26	7	Washer–Flat



Sheet No.:A9

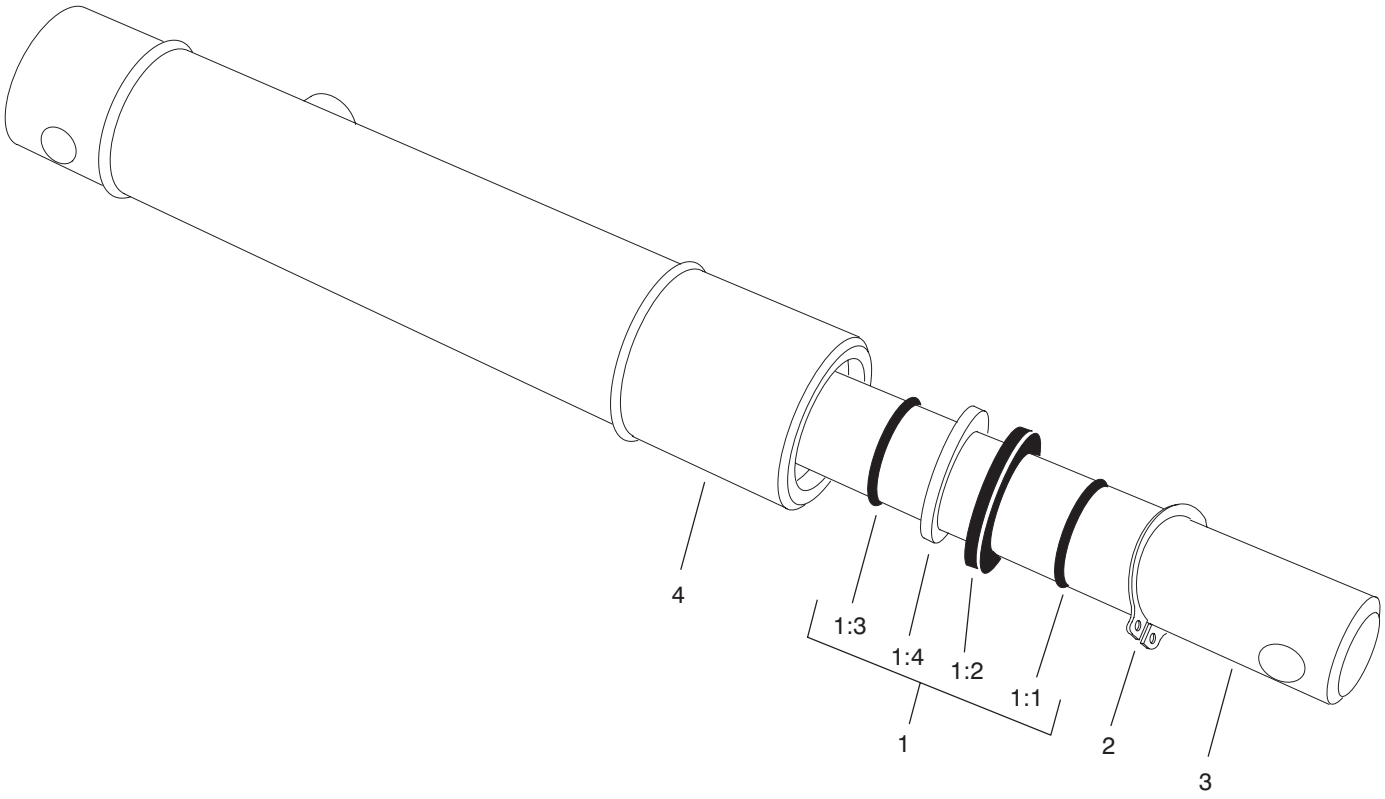
T–3667

Reel Motor Assembly No. 93–1412

Ref. No.	Part No.	Qty.	Description
2	66–5750	1	Idler Gear ASM
3	66–5760	1	Drive Gear ASM
4	47–2380	1	Key–Square
6	66–5740	1	Body ASM
7	42–2010	2	Pin–Dowel
8	66–5730	1	Front Plate ASM
9	66–5770	8	Capscrew
10	3246–17	2	Setscrew–HSH
11	47–7150	1	Pulley–Drive
14	60–5890	1	Washer
15	92–9260	2	Relief Valve Kit
☆15:1		2	Plug
☆15:2		2	Ball
☆15:3		2	Spring
☆15:4		2	Shim
21	92–9259	1	Backplate ASM
☆21:1:1		2	Plug
☆21:1:2		2	Ball
☆21:1:3		2	Spring
☆21:1:4		2	Shim
22	93–1413	1	Seal Kit
22:1	59–8420	2	Ring
22:2	59–8320	1	Ring–Retaining
22:3	66–5710	1	Seal–Shaft
☆22:4		2	O–Ring

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately



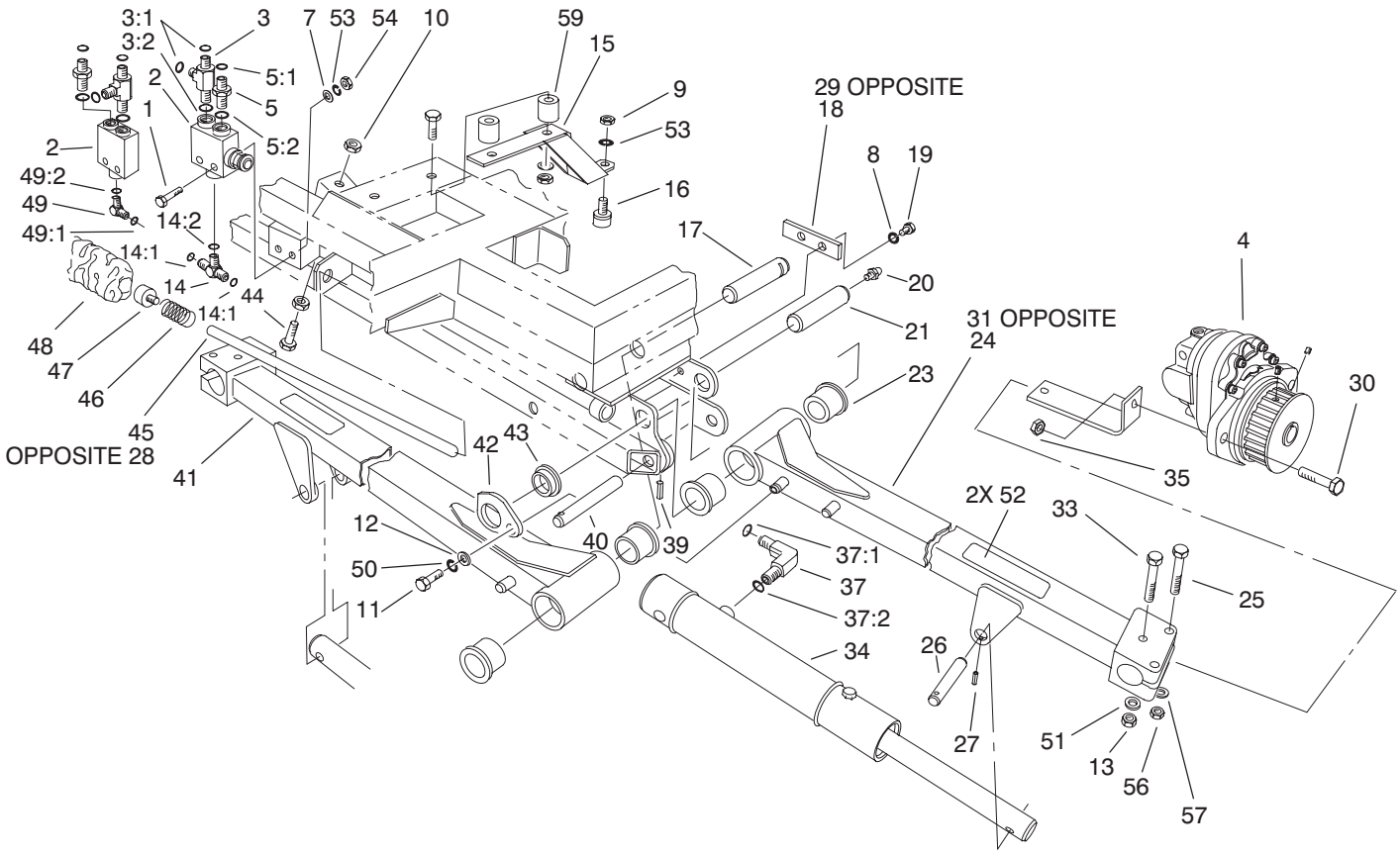
Sheet No.:B1
T–3859

Hydraulic Cylinder Assembly No. 104–5225

Ref. No.	Part No.	Qty.	Description
1	104–5227	1	Repair Kit
☆1:1		1	O–Ring
☆1:2		1	Backup
☆1:3		1	Seal–Rod
☆1:4		1	Seal–Dust
☆2		1	Ring–Retaining
☆3		1	Rod
☆4		1	Barrel

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately



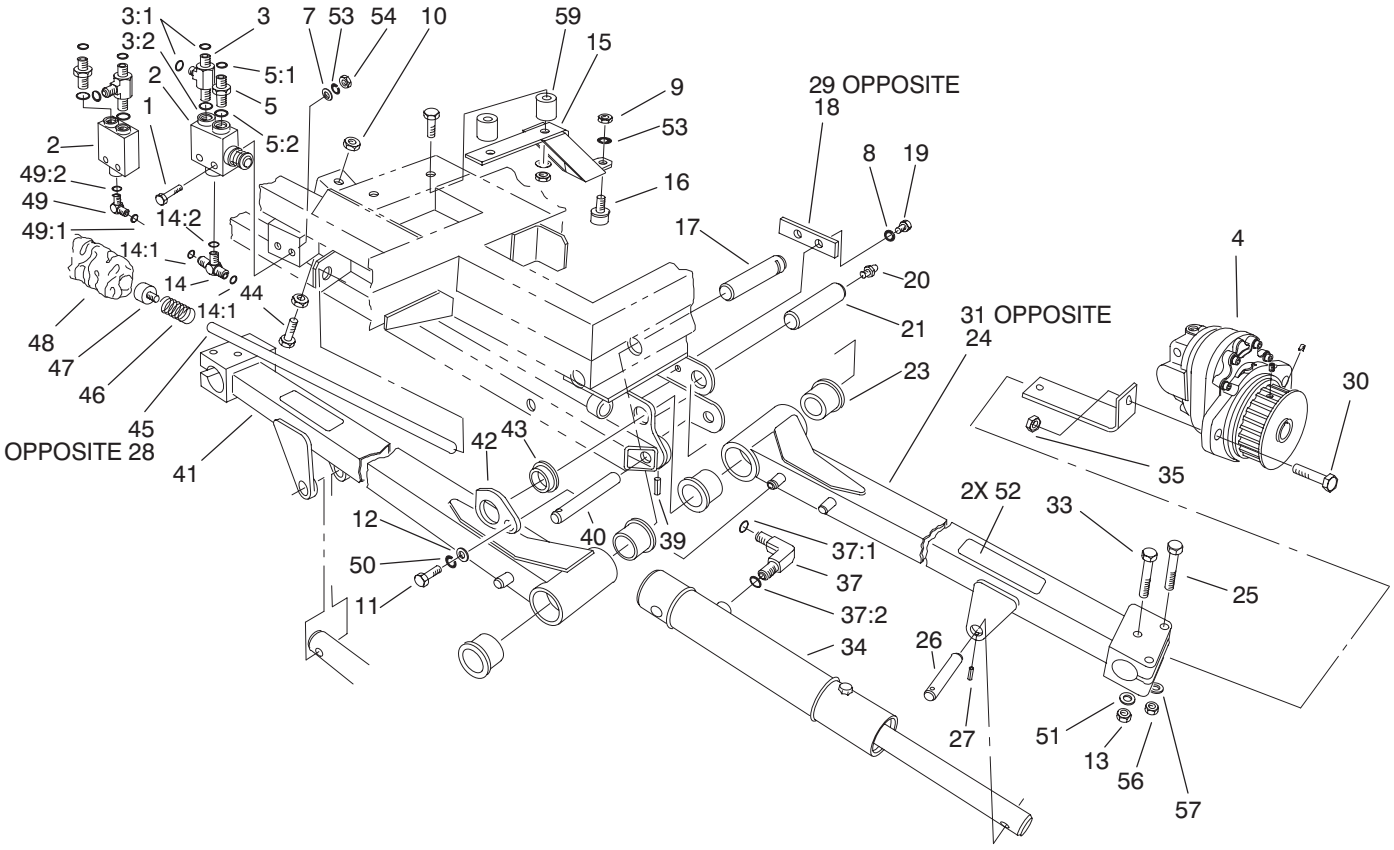
Sheet No.:18

T–3669

Rear Lift Arm and Shut–Off Assembly

Ref. No.	Part No.	Qty.	Description
1	322–12	4	Screw–HH
2	58–5460	2	Valve–Selector
3	340–22	2	Adapter
3:1	237–65	2	O–Ring
3:2	237–80	1	O–Ring
4	93–1412	3	Motor–HYD
5	340–7	2	Adapter
5:1	237–65	1	O–Ring
5:2	237–80	1	O–Ring
7	3256–23	4	Washer–Flat
8	42–9850	4	Washer–Lock, Spring
9	33014–00	2	Nut–Hex
10	48–9530	2	Nut
11	323–6	2	Screw–HH
12	3256–3	2	Washer–Flat
13	3296–39	3	Nut–Lock, NI
14	340–93	1	Tee–Adapter
14:1	237–65	2	O–Ring
14:2	237–80	1	O–Ring
15	60–1050–03	2	Bracket–Bumper
16	48–3280	2	Stop–Bump
17	60–0090	1	Pin–Pivot, Lift Arms #1,2,3
18	60–0190	1	Strip
19	33114–016	4	Screw–HH
20	302–5	3	Fitting–Grease

Ref. No.	Part No.	Qty.	Description
21	60–0100	2	Pin–Pivot, Lift Arms #4 & 5
23	68–6480	6	Bushing–Flange
24	92–9296–01	1	Arm–Lift, #4
25	325–34	6	Screw–HH
26	58–4380	3	Pin
27	60–1280	3	Pin
28	60–1350	1	Rod–Push, #5 Bypass Valve
29	60–1640	1	Strip
30	324–6	3	Screw–HH
31	92–9297–01	1	Arm–Lift, #5
33	323–14	3	Screw–HH
34	104–5225	3	Cylinder–HYD
35	3296–48	3	Nut–Lock NI
37	340–77	3	Fitting–HYD, 90°
37:1	237–22	1	O–Ring
37:2	237–42	1	O–Ring
39	32121–84	3	Pin–Coil
40	58–2720	3	Pin
41	92–9289–01	1	Arm–Lift, #1
42	58–9210	2	Cam
43	60–0080	2	Bushing
44	53–5940	1	Screw
45	60–1340	1	Rod–Push, #4 Bypass Valve



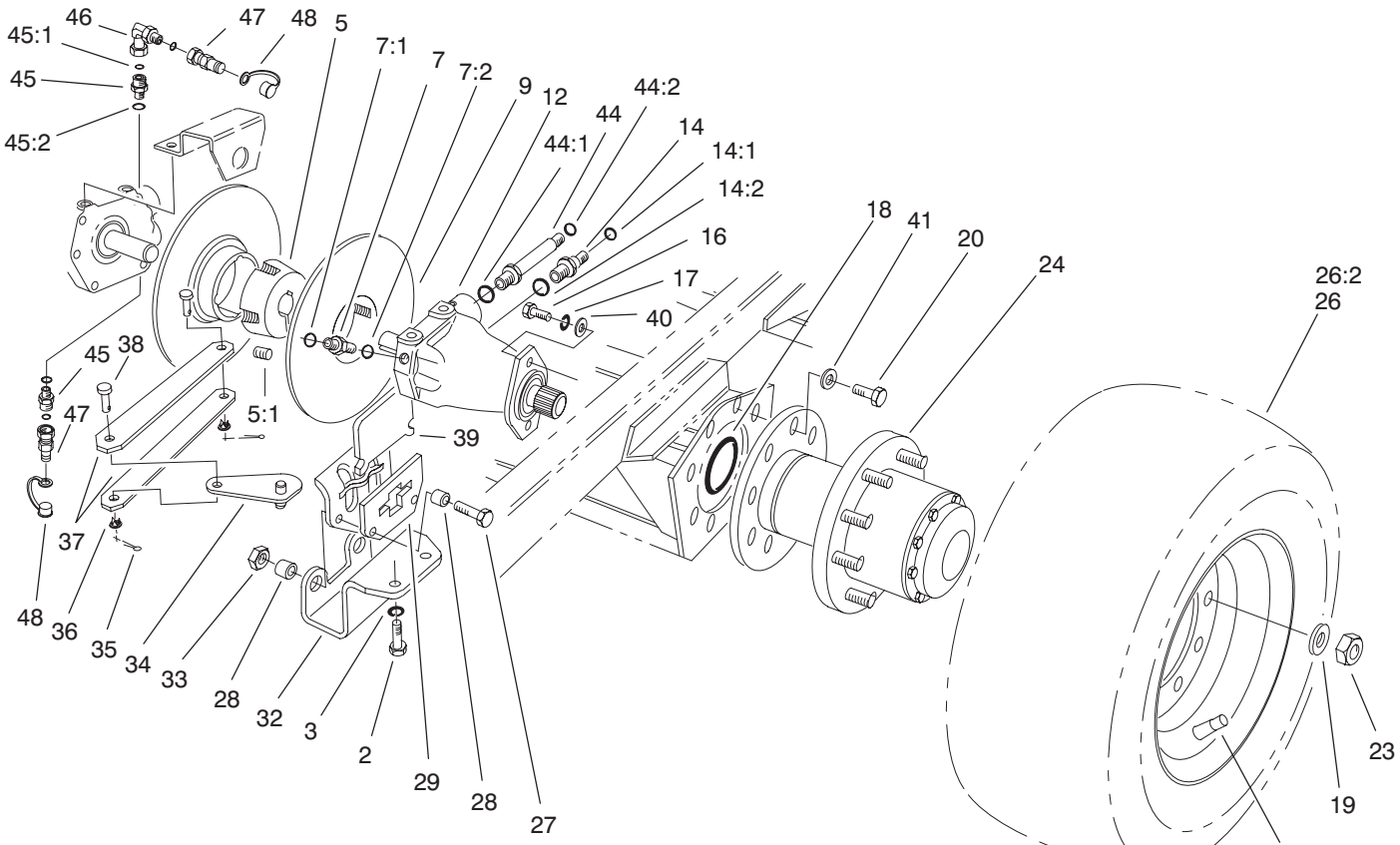
Sheet No.:18

T–3669

Rear Lift Arm and Shut–Off Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
46	58–3570	2	Spring
47	59–7140	2	Bushing–Rubber
48	58–9630	2	Sleeve
49	340–17	1	Fitting–HYD, 90°
49:1	237–65	1	O–Ring
49:2	237–80	1	O–Ring
50	3253–5	2	Washer–Lock
51	3256–56	3	Washer–Flat
52	93–7331	3	Decal–Warning
53	3253–4	6	Washer–Lock
54	3217–6	4	Nut–Hex
56	3296–23	6	Nut–Lock, NI
57	3256–26	6	Washer–Flat
59	80–7590	4	Spacer

Ref. No.	Part No.	Qty.	Description



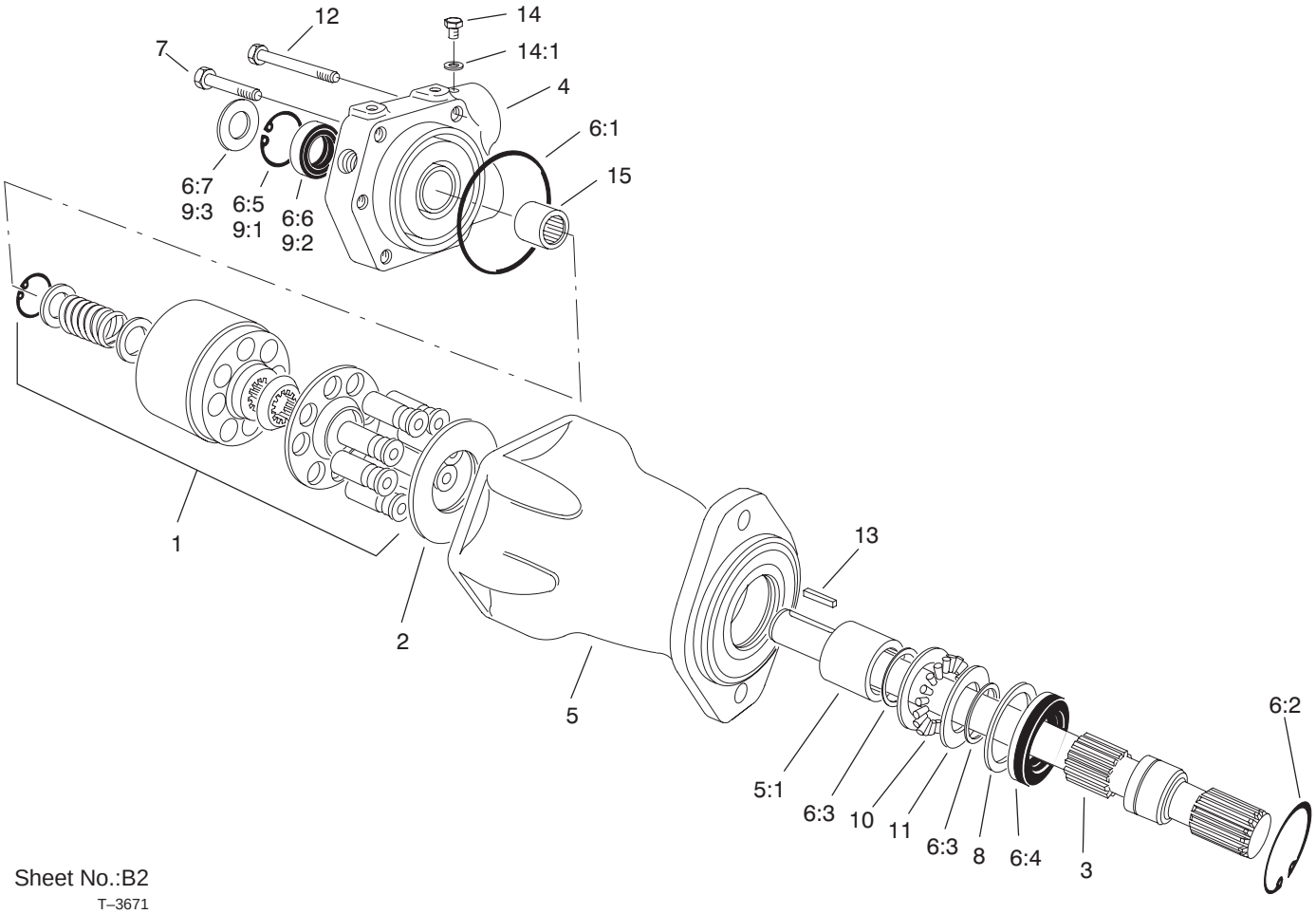
Sheet No.:19

T–3670

Front Wheel and Motor Assembly

Ref. No.	Part No.	Qty.	Description
2	322–3	4	Screw–HH
3	3253–4	4	Washer–Lock
5	23–1840	2	Bushing–Taperlock
5:1	60–6620	2	Screw–Set
7	340–2	2	Fitting–HYD, Straight
7:1	237–22	1	O–Ring
7:2	237–42	1	O–Ring
9	58–0070	2	Disc–Brake ASM
12	58–5430	2	Piston Motor ASM
14	340–9	2	Fitting–Straight (only on: 03707)
14:1	237–58	1	O–Ring (only on: 03707)
14:2	237–81	1	O–Ring (only on: 03707)
16	323–18	4	Screw–HH
17	3253–5	4	Washer–Lock
18	353–949	2	O–Ring
19	3253–7	18	Washer–Lock
20	327–3	16	Screw–HH
23	3219–5	18	Nut–Hex
24	62–6400–03	2	Hub–Wheel, Drive
26	66–5660	2	Wheel And Tire ASM
26:1	58–5620	1	Tube
26:2	63–4480	1	Tire
27	323–20	4	Screw–HH

Ref. No.	Part No.	Qty.	Description
28	58–3780	8	Tube–Space, Brake Calipers
29	29–1060	2	Bracket–Secondary
32	58–0110–03	2	Bracket–Caliper, Brake
33	3296–39	4	Nut–Lock, NI
34	29–1070	2	Lever ASM
35	3272–6	4	Pin–Cotter
36	60–1740	4	Nut
37	58–2300	4	Link–Brake
38	283–67	4	Pin–Clevis
39	29–1080	4	Stator ASM
40	3256–3	4	Washer–Flat
41	3253–8	16	Washer–Lock
44	92–6058	4	Fitting–HYD (only on: 03706)
44	92–6058	2	Fitting–HYD (only on: 03707)
44:1	237–81	1	O–Ring
44:2	237–58	1	O–Ring
45	98–1282	2	Adapter–HYD, Straight
45:1	237–22	1	O–Ring
45:2	237–118	1	O–Ring
46	98–1281	1	Adapter–HYD, 90°
47	86–5480	2	Nipple–Test
48	353–947	2	Cap–Dust, Rubber



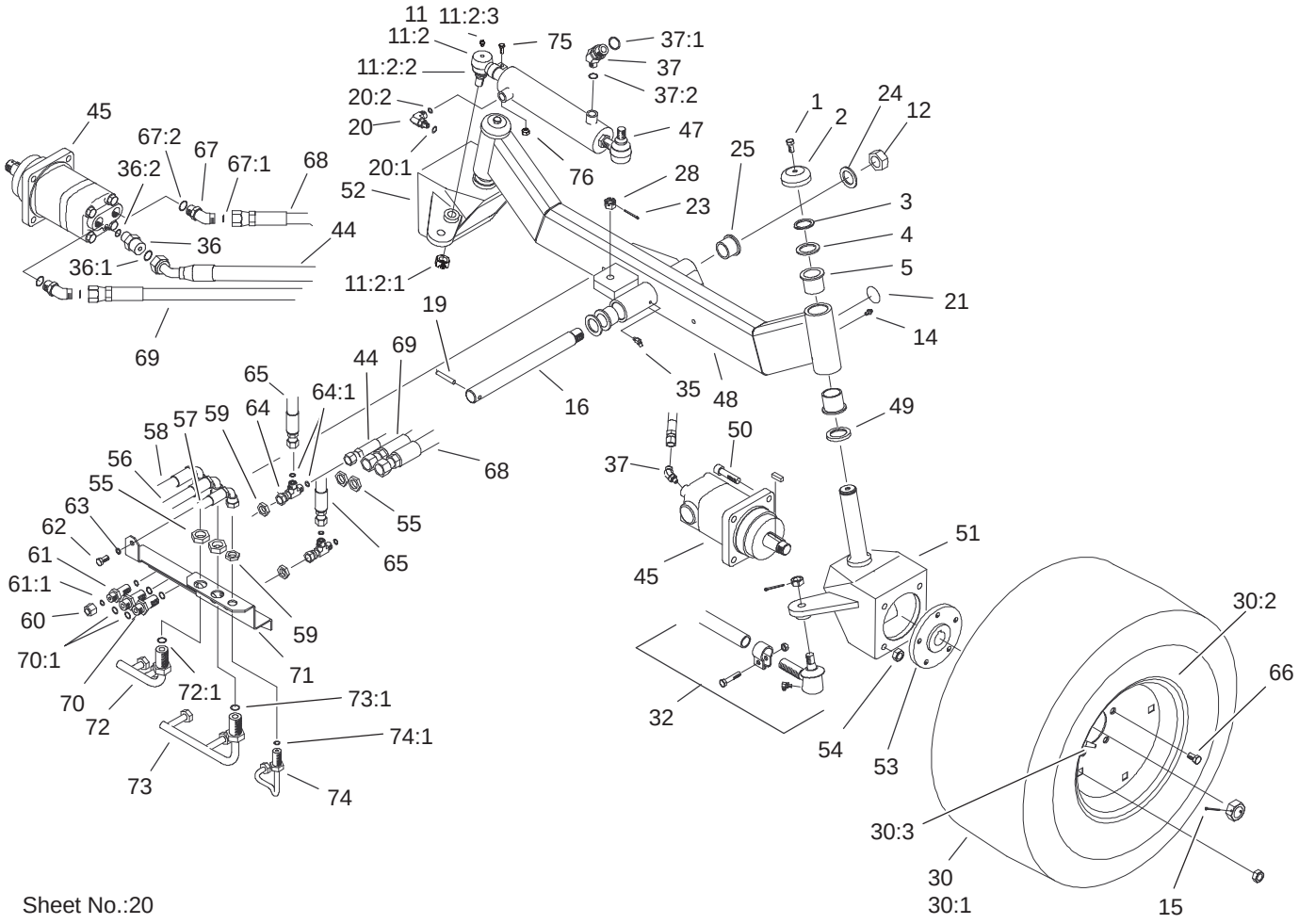
Sheet No.:B2

T–3671

Wheel Motor Assembly No. 58–5430

Ref. No.	Part No.	Qty.	Description
1	59–8340	1	Rotating Kit
2	59–8350	1	Camplate
3	59–8360	1	Shaft
4	59–8270	1	Plate
5	59–8300	1	Housing
5:1	60–3380	1	Bearing
6	59–8390	1	Seal Kit
6:1	59–8260	1	Ring
6:2	32151–13	1	Ring–Retaining
6:3	32151–29	2	Ring–Retaining
6:4	59–8370	1	Seal
6:5	59–8320	1	Ring–Retaining
6:6	49–2640	1	Seal–Shaft
6:7	84–6440	1	Shield–Grass
7	59–8290	3	Capscrew
8	33–3720	1	Washer
9	66–5840	1	Seal Kit
9:1	59–8320	1	Ring–Retaining
9:2	49–2640	1	Seal–Shaft
9:3	84–6440	1	Shield–Grass
10	252–66	1	Bearing–Thrust
11	252–71	1	Washer–Thrust
12	59–8280	3	Capscrew
13	59–8380	1	Key
14	353–948	2	Plug

Ref. No.	Part No.	Qty.	Description
14:1	237–118	2	O–Ring
15	60–3590	1	Bearing



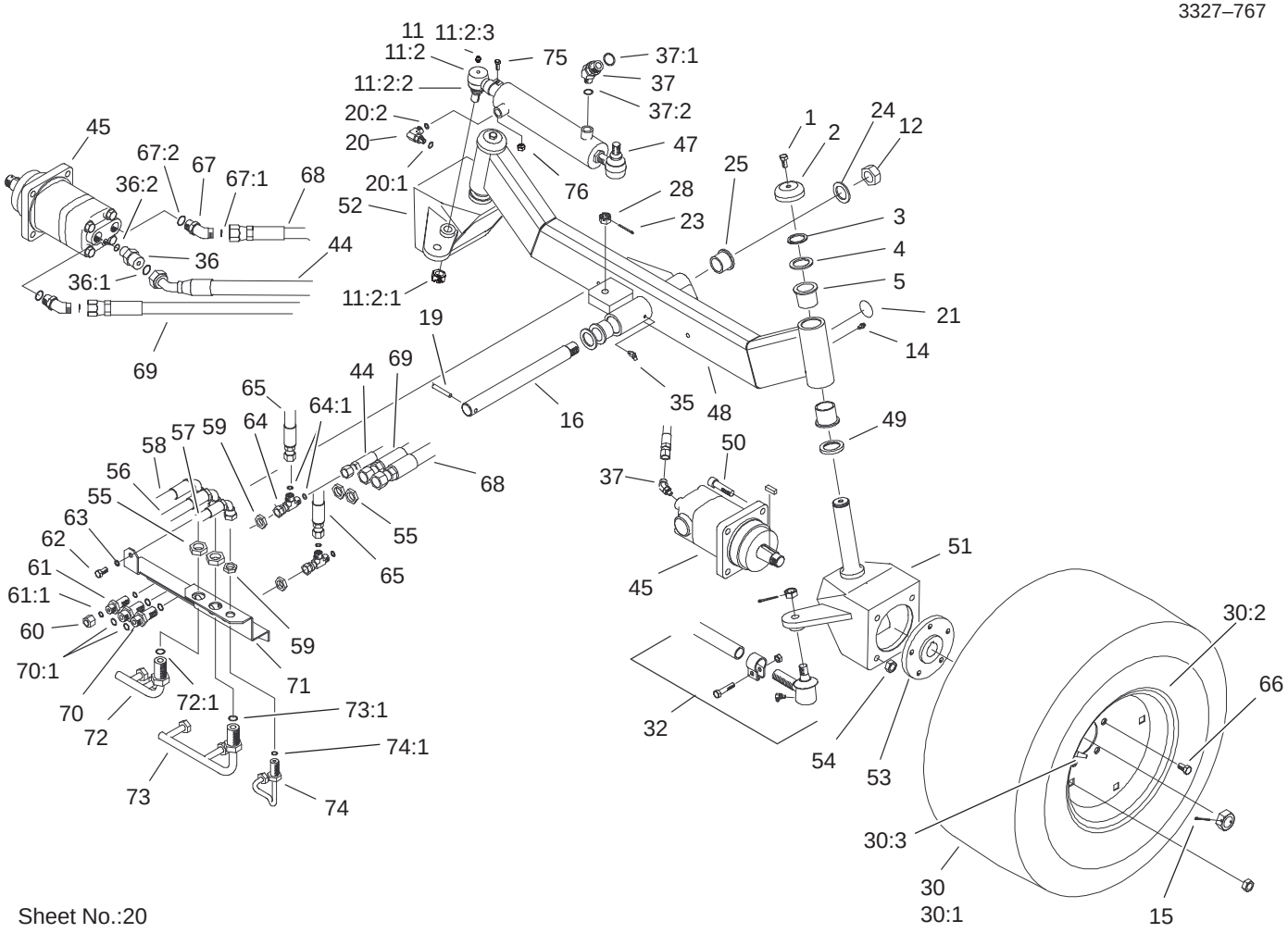
Sheet No.:20

Rear Axle Assembly (only on: 03707)

Ref. No.	Part No.	Qty.	Description
1	3234–12	2	Screw–HHF
2	69–8890	2	Cap–Spindle
3	32151–10	2	Ring–Snap
4	256–304	2	Washer–Thrust
5	69–6470	4	Bushing–Castor
11	69–9810–03	1	Ball Joint ASM
☆11:2		1	Ball Joint ASM
11:2:1	105–7941	1	Nut–Hex, Slotted
11:2:2	71–4760	1	Seal
11:2:3	302–5	1	Fitting–Grease
12	3296–49	1	Nut–Lock NI
14	302–5	2	Fitting–Grease
15	3272–13	2	Pin–Cotter
16	82–9210	1	Shaft–Pivot
19	60–3670	1	Pin
20	340–97	1	Fitting–HYD, 90°
20:1	237–22	1	O–Ring
20:2	237–78	1	O–Ring
21	58–6520	2	Decal–Grease
23	3272–12	4	Pin–Cotter
24	48–6660	2	Washer
25	48–6640	2	Bearing
28	32136–13	2	Nut–SHH
30	69–9870	2	Wheel ASM
30:1	69–9880	1	Tire
30:2	217–116	1	Rim–Wheel

Ref. No.	Part No.	Qty.	Description
30:3	232–27	1	Stem–Valve
32	82–9260–03	1	Tie Rod ASM
35	302–11	1	Fitting–Lube, 45°
36	340–88	1	Adapter
36:1	237–22	1	O–Ring
36:2	237–78	1	O–Ring
37	340–54	2	Elbow–45°
37:1	237–22	1	O–Ring
37:2	237–78	1	O–Ring
44	104–5202	2	Hose ASM
45	104–5233	2	Motor–Wheel
47	92–6057	1	Cylinder–Steering
48	92–4755–03	1	Axle–Rear
49	86–6560	2	Washer–Thrust
50	3274–5	8	Screw–HSH
51	92–4779–03	1	Housing–Motor, LH
52	92–4787–03	1	Housing–Motor, RH
53	92–4749–03	2	Hub–Wheel
54	3296–23	8	Nut–Lock, NI
55	340–74	6	Locknut–Bulkhead
56	92–5698	1	Hose ASM
57	92–5688	1	Hose ASM
58	92–5686	1	Hose ASM
59	340–70	3	Locknut–Bulkhead
60	340–117	1	Cap

☆ Not serviced separately

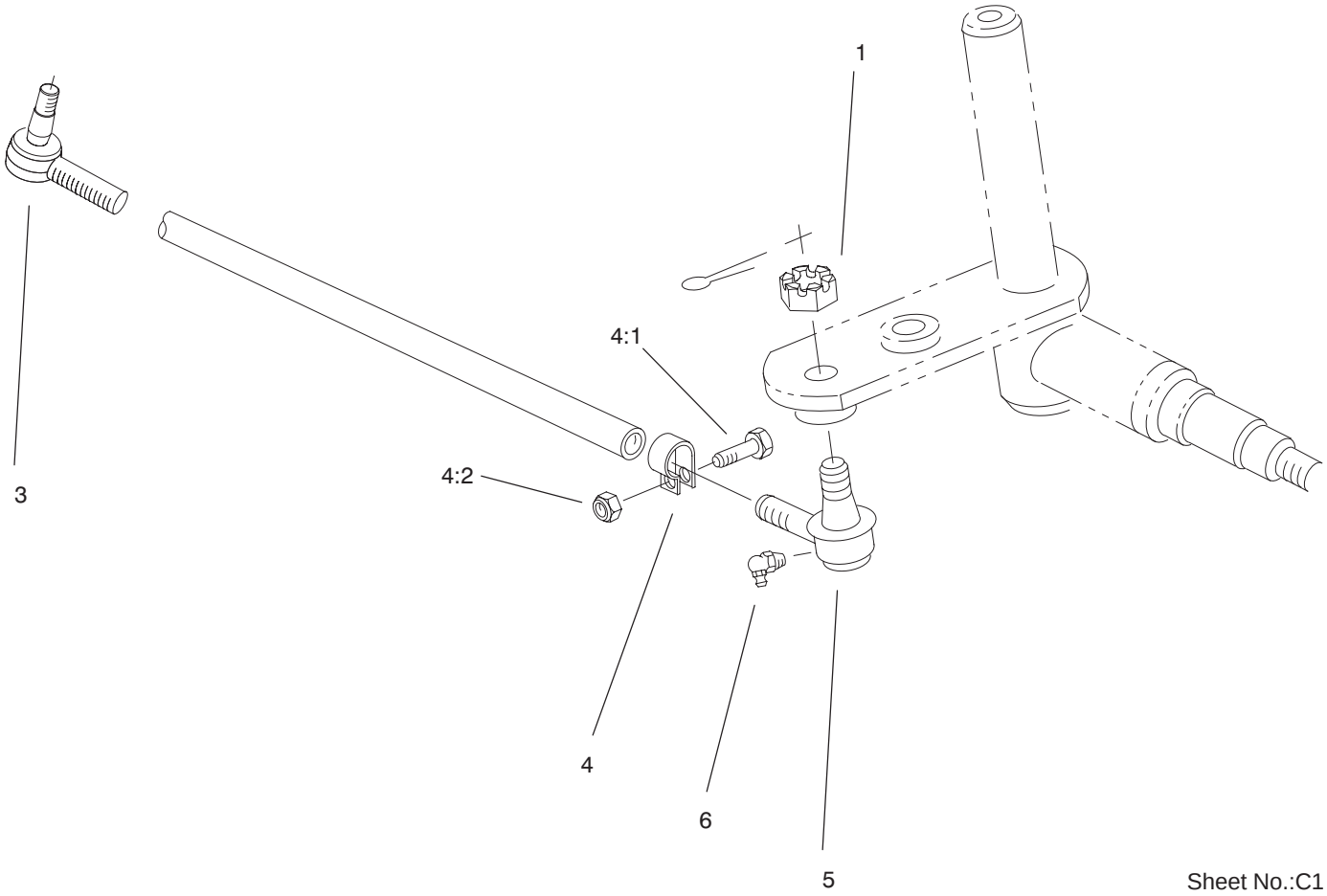


Sheet No.:20

Rear Axle Assembly (only on: 03707) (Continued)

Ref. No.	Part No.	Qty.	Description
61	340–71	2	Fitting–,Straight, Bulkhead
61:1	237–22	2	O–Ring
62	323–4	2	Screw–HH
63	3253–21	2	Washer–Lock
64	340–115	2	Fitting–Tee
64:1	237–22	2	O–Ring
65	92–5665	1	Hose ASM
66	83–2720	10	Lug–Bolt
67	340–14	4	Fitting–HYD, 45°
67:1	237–65	1	O–Ring
67:2	237–80	1	O–Ring
68	94–8271	2	Traction Hose ASM
69	94–8272	2	Traction Hose ASM
70	340–76	4	Fitting–Bulkhead Union, Straight
70:1	237–65	2	O–Ring
71	94–8277–03	1	Bracket–Bulkhead
72	94–8275	1	Inner Tube ASM
72:1	237–65	1	O–Ring
73	94–8276	1	Outer Tube ASM
73:1	237–65	1	O–Ring
74	94–8278	1	Case Drain Tube ASM
74:1	237–22	1	O–Ring
75	3210–7	1	Screw–HH
76	32152–5	1	Nut–Conelock

Ref. No.	Part No.	Qty.	Description



Sheet No.:C1

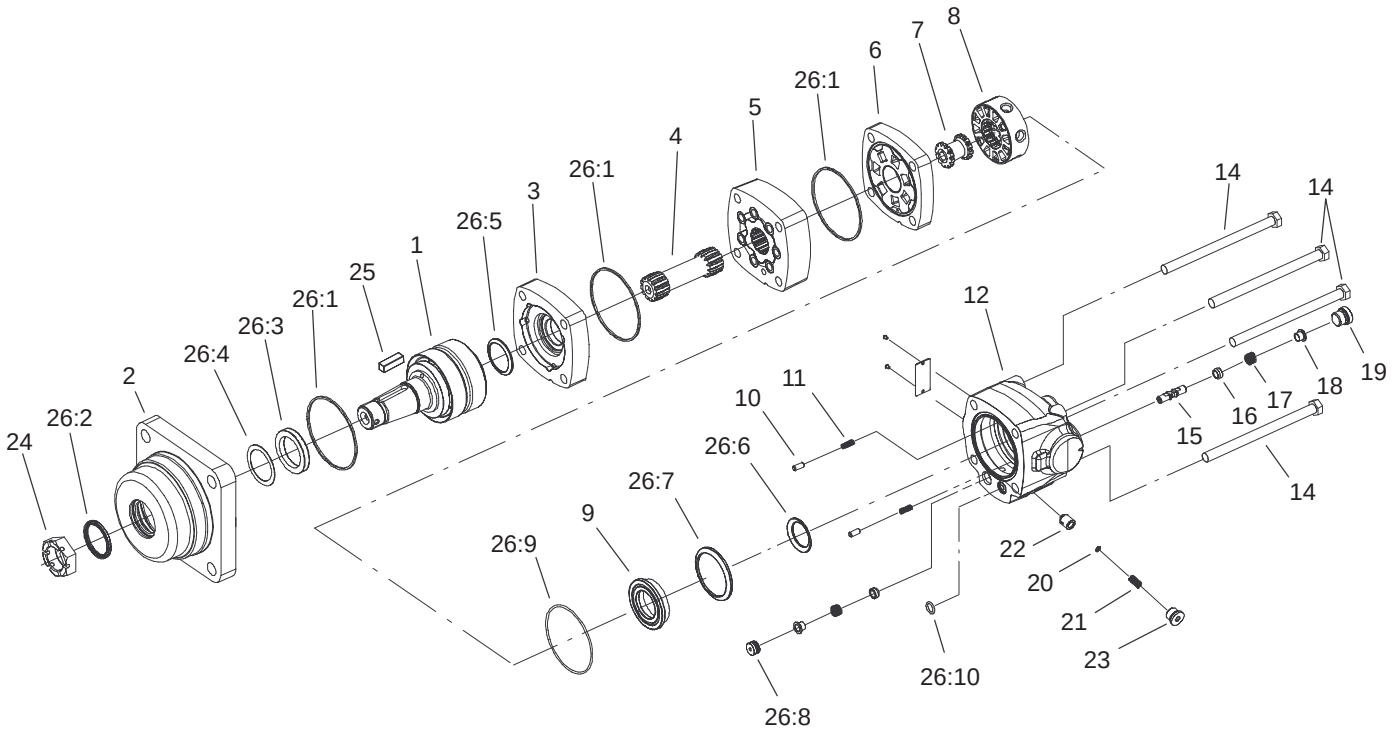
T–3672

Tie Rod Assembly No. 82–9260–03 (only on: 03707)

Ref. No.	Part No.	Qty.	Description
1	32136–2	2	Nut–SHH
3	2116–4	1	End–Rod, Tie
4	2412–7	2	Clamp ASM
☆4:1		1	Screw–HH
☆4:2		1	Nut–Lock
5	2116–3	1	End–Rod, Tie
6	302–33	2	Fitting–Grease

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately



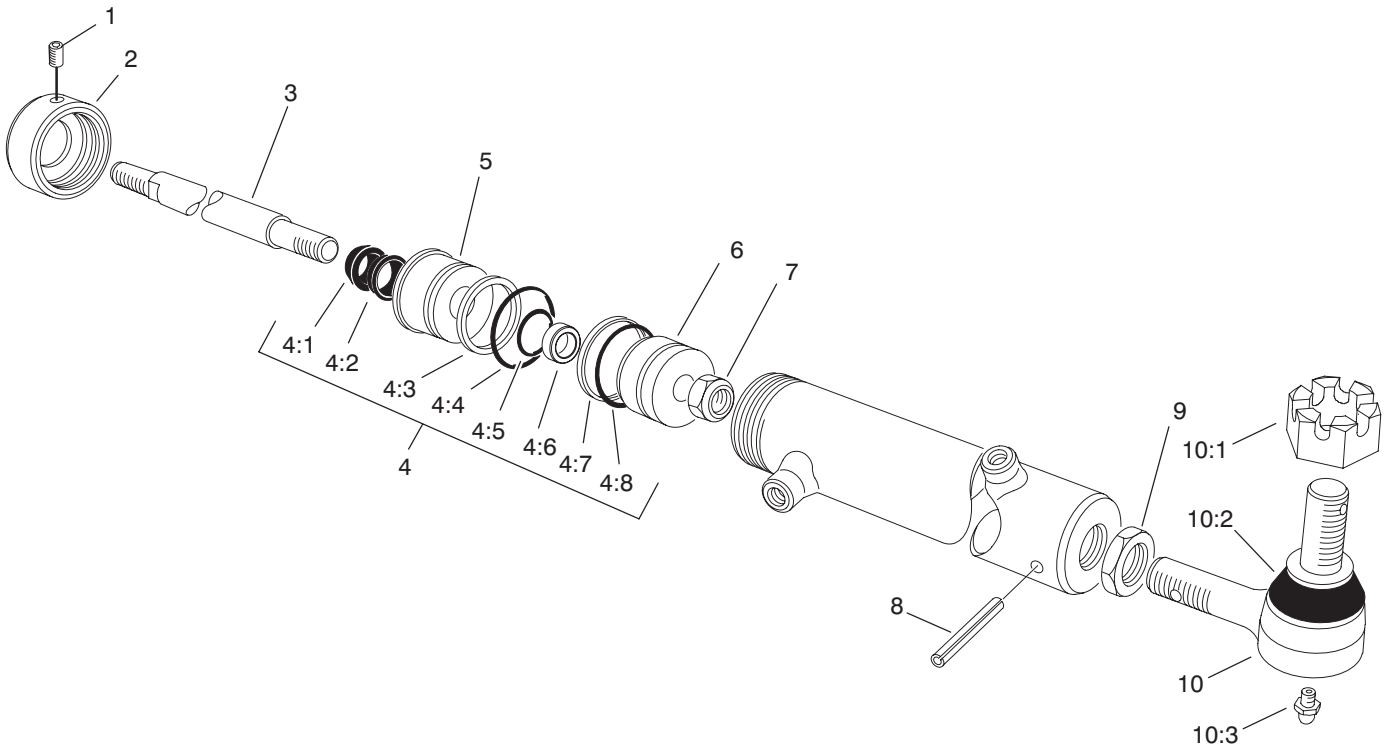
Sheet No.:C2

Hydraulic Motor Assembly No. 104–5233 (only on: 03707)

Ref. No.	Part No.	Qty.	Description
1	56–6860	1	Shaft ASM
2	56–6850	1	Housing–Bearing
☆3		1	Plate–Wear
4	105–8145	1	Drive
5	105–8146	1	Geroter ASM
☆6		1	Plate–Valve
7	36–6260	1	Drive–Valve
8	56–6830	1	Valve
9	105–8147	1	Plate–Balancing
10	105–8148	1	Pin
11	33–3410	1	Spring
☆12		1	Housing–Valve
14	57–6030	4	Capscrew
15	105–9300	1	Piston
16	105–9301	2	Poppet
17	105–9302	2	Spring
18	105–9303	2	Dashpot
19	105–9304	1	Plug Sub ASM
20	105–9305	1	Shim
21	105–9306	1	Spring
22	105–9307	1	Poppet
23	105–9308	1	Plug Sub ASM
24	11–5800	1	Nut–Slotted
25	11–5790	1	Key
26	105–9309	1	Seal Kit
☆26:1		3	O–Ring

Ref. No.	Part No.	Qty.	Description
☆26:2		1	Seal–Shaft, Exclusion
☆26:3		1	Seal–Shaft
☆26:4		1	Ring–Backup
☆26:5		1	Seal–Face, Shaft
☆26:6		1	Seal–Face, Inner
☆26:7		1	Seal–Face, Outer
☆26:8		1	Plug
☆26:9		1	O–Ring
☆26:10		1	O–Ring

☆ Not serviced separately



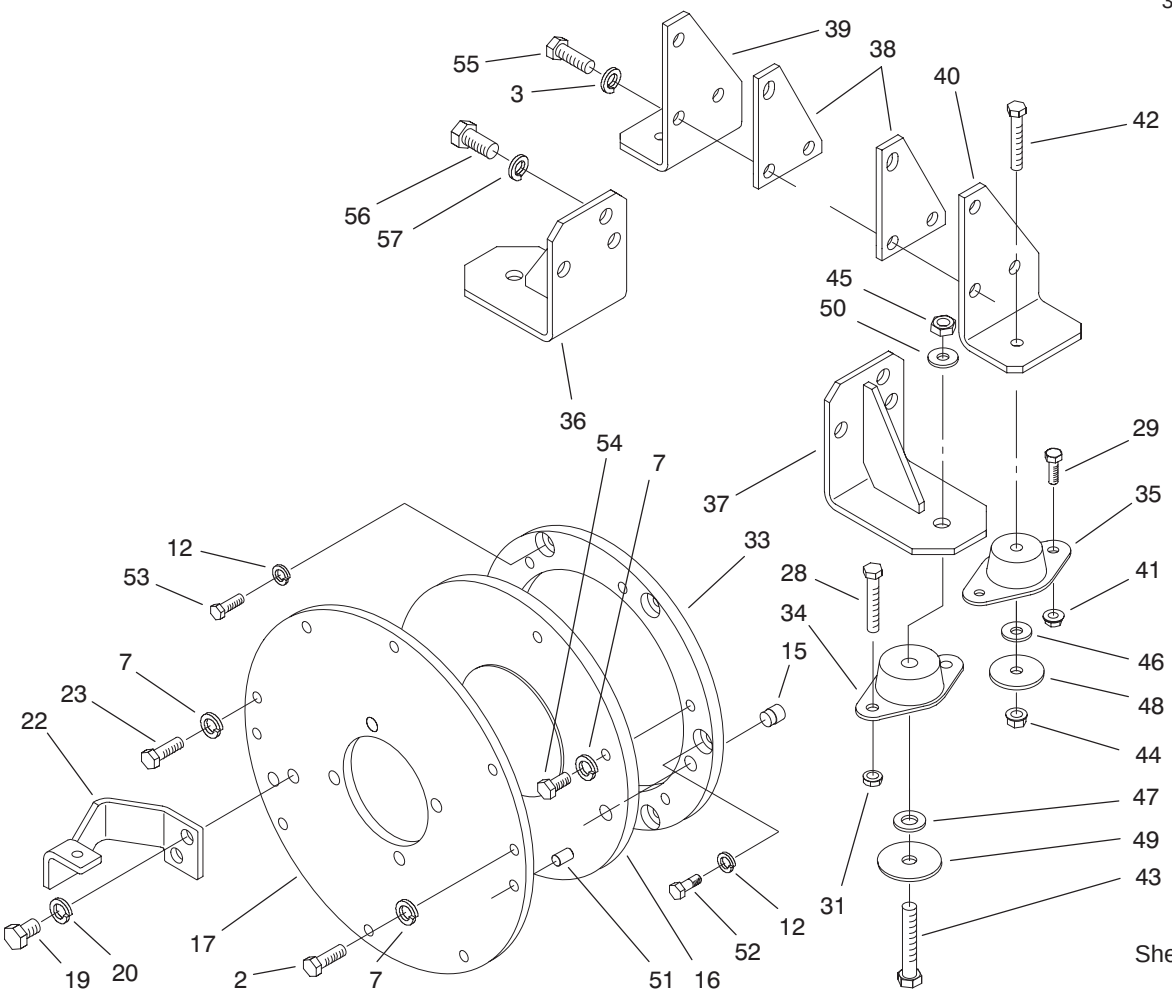
Sheet No.:C3
T–3674

Hydraulic Cylinder Assembly No. 92–6057 (only on: 03707)

Ref. No.	Part No.	Qty.	Description
☆1		1	Screw–Set
☆2		1	Cap
☆3		1	Rod
4	82–5800	1	Seal Kit
☆4:1		1	Wiper–Rod
☆4:2		1	U–Cup
☆4:3		1	Washer–Backup
☆4:4		1	O–Ring
☆4:5		1	O–Ring
☆4:6		1	Spacer
☆4:7		1	Servon
☆4:8		1	O–Ring
☆5		1	Head
☆6		1	Piston
☆7		1	Nut
8	32121–44	1	Pin–Roll
9	82–5740	1	Nut–Jam
10	82–5730	1	End–Rod, Tie
10:1	105–7941	1	Nut–Hex, Slotted
10:2	105–7835	1	Seal
10:3	302–5	1	Fitting–Grease

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately

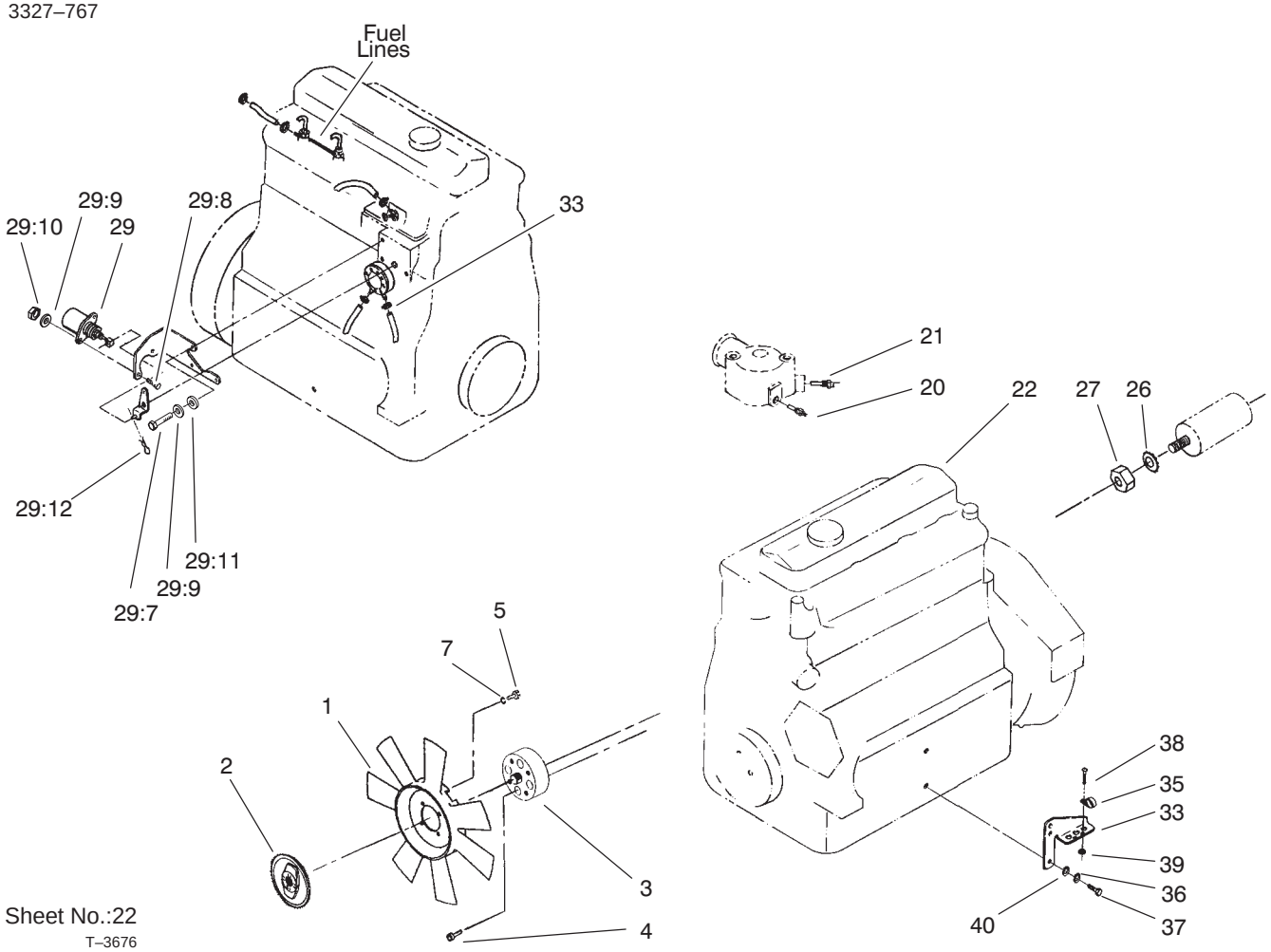


Sheet No.:21
T–3675

Engine Installation Assembly

Ref. No.	Part No.	Qty.	Description
2	43–0090	7	Screw–HH
3	48–8070	6	Washer–Lock
7	48–9590	14	Washer–Lock
12	42–9850	6	Washer–Lock, Spring
15	58–3590	2	Dowel
16	92–1753	1	Coupling–Spring
17	98–1211–03	1	Plate–Adapter, Pump
19	3213–20	2	Screw–HH
20	3253–7	2	Washer–Lock
22	98–7066–03	1	Bracket–Damper
23	56–2140	1	Bolt
28	323–11	4	Screw–HH
29	322–5	4	Screw–HH
31	32128–21	4	Nut–HF
33	98–1210–03	1	Spacer–Coupler
34	98–3024	2	Mount–Engine
35	83–1030	2	Mount–Engine
36	98–1207–03	1	Bracket–Front, RH
37	98–1206–03	1	Bracket–Front, LH
38	98–1200–03	2	Spacer
39	98–1204–03	1	Bracket–Engine, RH Rear
40	98–1205–03	1	Bracket–Engine, LH Rear
41	32128–20	4	Nut–HF
42	323–11	2	Screw–HH

Ref. No.	Part No.	Qty.	Description
43	33116–070	2	Screw–HH
44	32128–43	2	Nut–Flange
45	48–9530	2	Nut
46	80–6990	2	Washer–Hardened
47	3256–26	2	Washer–Flat
48	63–7400	2	Washer–Rebound
49	87–5100	2	Washer–Snubbing
50	43–5940	2	Lockwasher–Spring
51	98–1212	2	Pin–Plate, Pump
52	98–1213	2	Bolt–Shoulder
53	33114–020	4	Screw–HH
54	70–8470	6	Screw–HH
55	43–3180	6	Screw–HH
56	43–3210	6	Screw–HH
57	43–5950	6	Washer–Lock, Spring

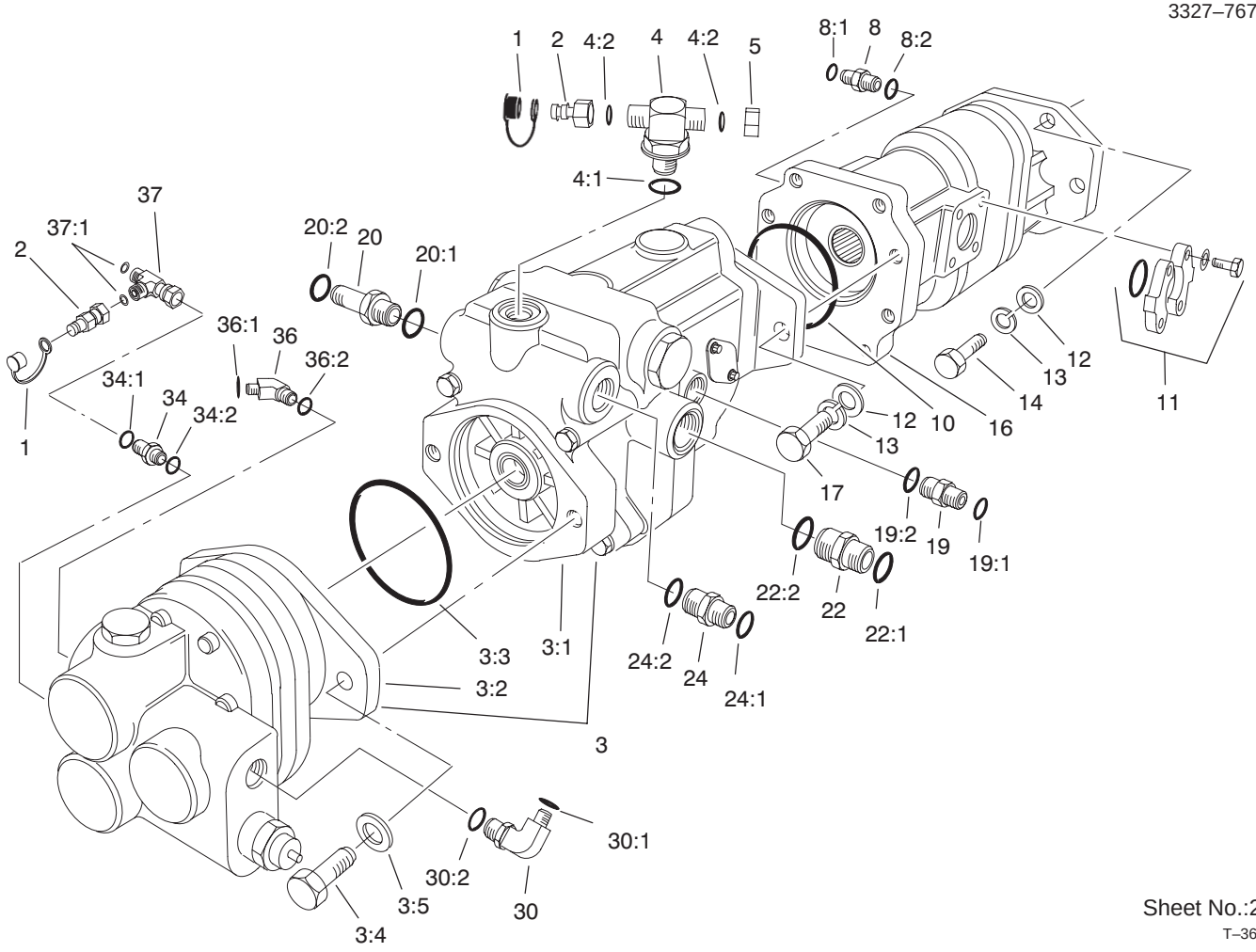


Sheet No.:22
T–3676

Engine Attachment Assembly

Ref. No.	Part No.	Qty.	Description
1	104–5269	1	Fan
2	93–1430	1	Drive–Fan
3	98–1242	1	Adapter–Fan
4	52–6290	4	Screw–HH
5	322–2	8	Screw–HH
7	3253–4	8	Washer–Lock
20	98–3824	1	Switch–Temp
21	98–3825	1	Switch–Temp
22	104–5259	1	Engine–Kubota
26	3255–8	1	Washer–Lock/Ext
27	33014–00	1	Nut–Hex
29	98–3817	1	Solenoid Kit
29:7	33113–025	3	Screw–HH
29:8	33113–016	2	Screw–HH
29:9	48–8020	5	Washer–Spring
29:10	33013–00	2	Nut–Hex
29:11	33093–00	3	Washer–Flat
29:12	3272–2	1	Pin–Cotter
33	98–1293–03	1	Bracket–Line
35	2412–83	2	Clamp–Cable
36	43–5940	2	Lockwasher–Spring
37	42–9250	2	Bolt
38	32105–13	2	Screw–SHH
39	3296–2	2	Nut–Lock
40	3256–26	2	Washer–Flat

Ref. No.	Part No.	Qty.	Description



Sheet No.:23

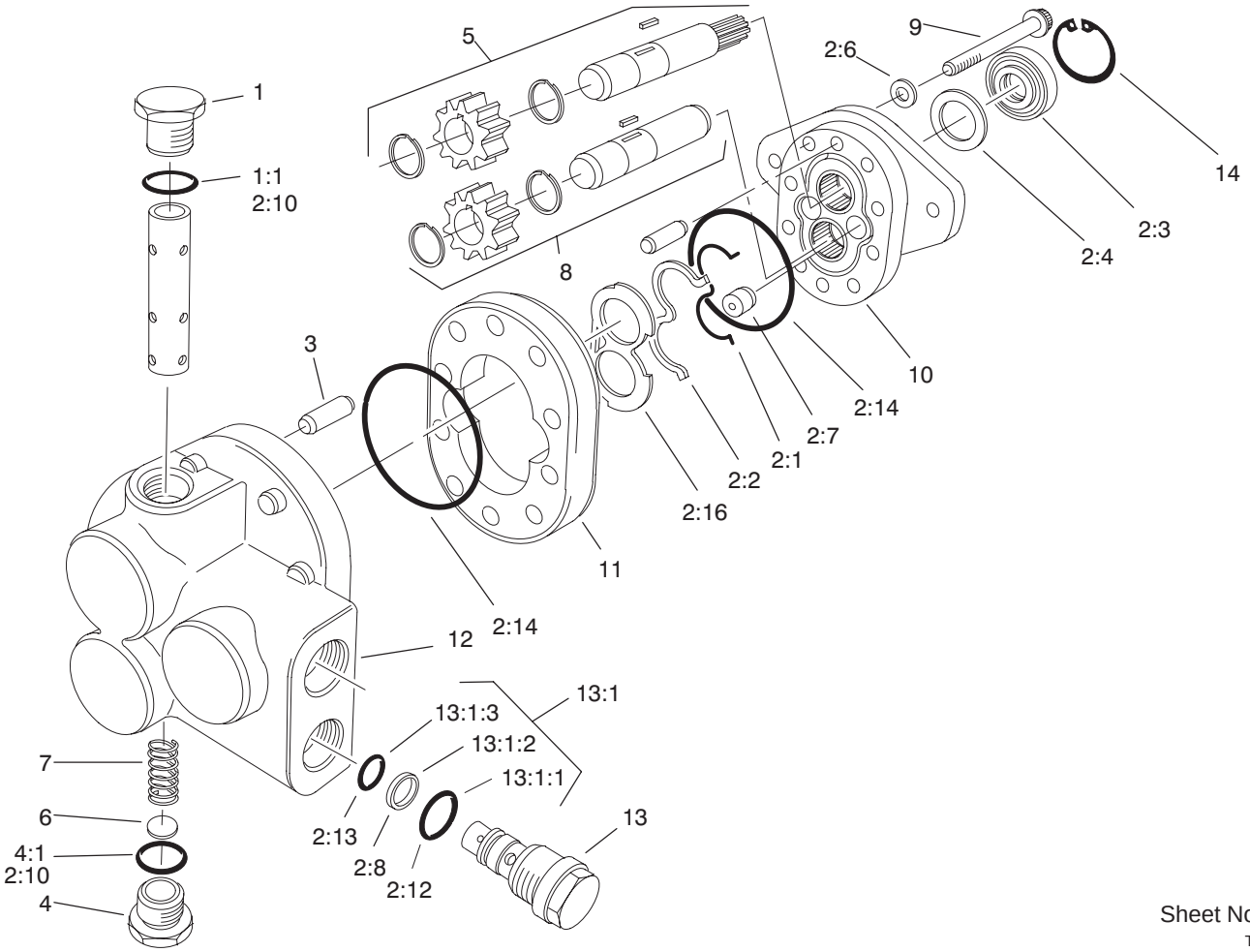
T–3677

Hydraulic Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	353–947	2	Cap–Dust, Rubber
2	86–5480	2	Nipple–Test
☆3		1	Tandem Pump ASM
3:1	99–6495	1	Gear Pump ASM
3:2	99–6494	1	Variable Piston Pump ASM
3:3	60–3520	1	O–Ring
3:4	60–3530	2	Bolt
3:5	60–3540	2	Washer
4	92–4799	1	Fitting–Tee, HYD
4:1	237–79	1	O–Ring
4:2	237–22	2	O–Ring
5	340–117	1	Cap (only on: 03706)
8	340–8	1	Adapter
8:1	237–65	1	O–Ring
8:2	237–81	1	O–Ring
10	59–8550	1	O Ring
11	340–62	1	Flange Kit
12	3256–26	6	Washer–Flat
13	3253–7	6	Washer–Lock
14	3213–2	4	Screw–HH
16	86–6000–01	1	Pump–Gts20
17	325–5	2	Screw–HH
19	340–2	1	Fitting–HYD, Straight
19:1	237–22	1	O–Ring
19:2	237–42	1	O–Ring

Ref. No.	Part No.	Qty.	Description
20	92–6058	1	Fitting–HYD
20:1	237–81	1	O–Ring
20:2	237–58	1	O–Ring
22	340–9	1	Fitting–Straight
22:1	237–58	1	O–Ring
22:2	237–81	1	O–Ring
24	340–4	1	Adapter
24:1	237–30	1	O–Ring
24:2	237–79	1	O–Ring
30	340–15	1	Adapter
30:1	237–58	1	O–Ring
30:2	237–146	1	O–Ring
34	340–3	1	Adapter
34:1	237–22	1	O–Ring
34:2	237–79	1	O–Ring
36	340–89	1	Fitting–HYD, 45°
36:1	237–30	1	O–Ring
36:2	237–80	1	O–Ring
37	340–115	1	Fitting–Tee
37:1	237–22	2	O–Ring

☆ Not serviced separately

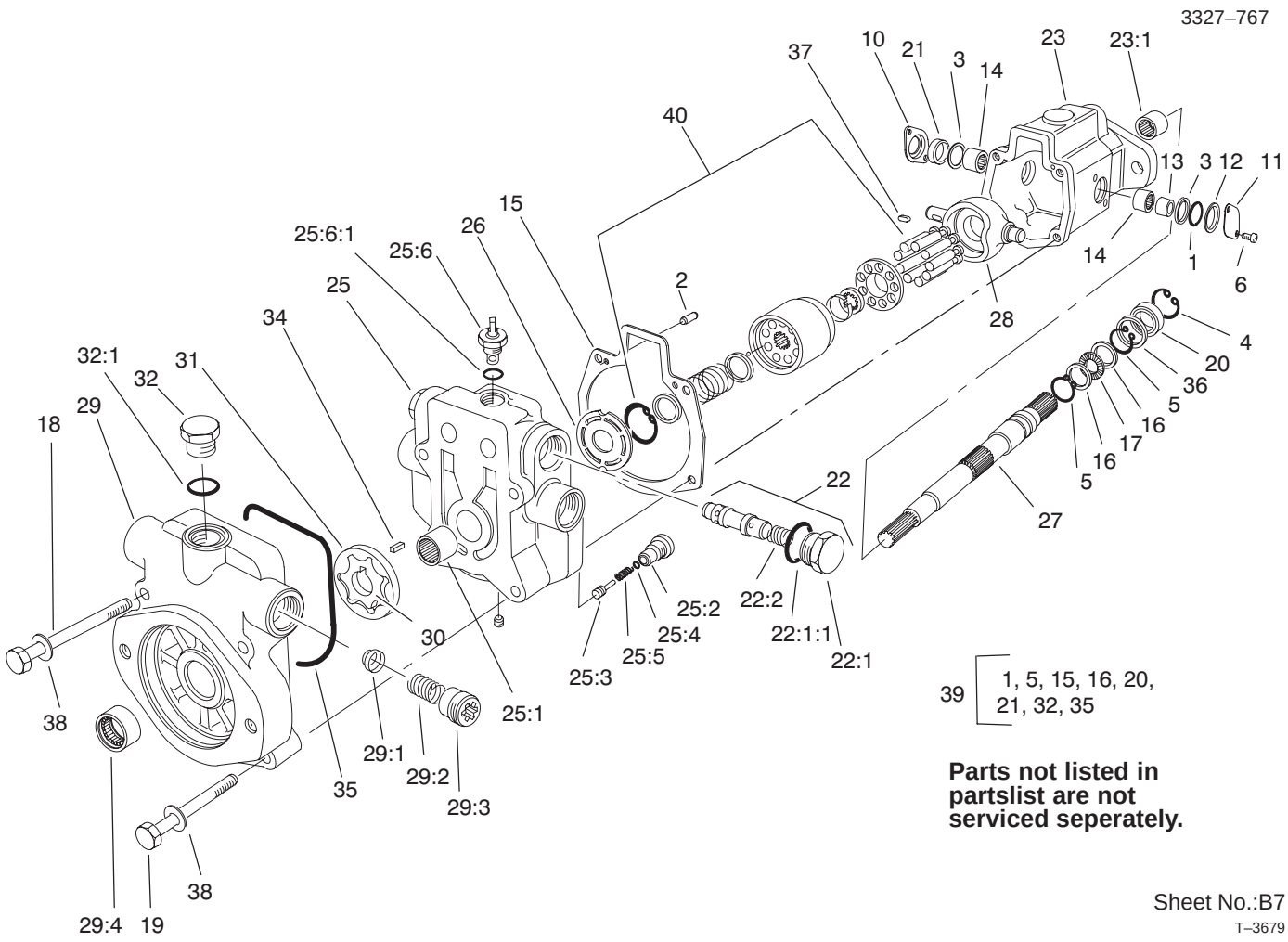


Sheet No.:B6
T–3678

Gear Pump Assembly No. 99–6495

Ref. No.	Part No.	Qty.	Description
1	60–5860	1	Plug
1:1	60–5720	1	O–Ring
2	99–8594	1	Seal Kit
2:1	95–4367	1	Gasket
2:2	95–4369	1	Seal
2:3	49–2640	1	Seal–Shaft
2:4	60–5890	1	Washer
2:6	94–8160	4	Washer
2:7	94–3011	1	Plug
2:8	92–9256	1	Washer–Backup
2:10	60–5720	2	O–Ring
2:12	92–9255	1	O–Ring
2:13	92–9254	1	O–Ring
2:14	56–6710	2	O–Ring
2:16	95–4368	1	Plate–Wear
3	60–5760	1	Pin
4	60–5710	1	Plug
4:1	60–5720	1	O–Ring
5	99–8591	1	Drive Gear ASM
6	60–5730	1	Disc
7	60–5820	1	Spring
8	99–8592	1	Idler Gear ASM
9	42–3140	8	Capscrew
10	95–4362	1	Plate–Front
11	99–8589	1	Body ASM

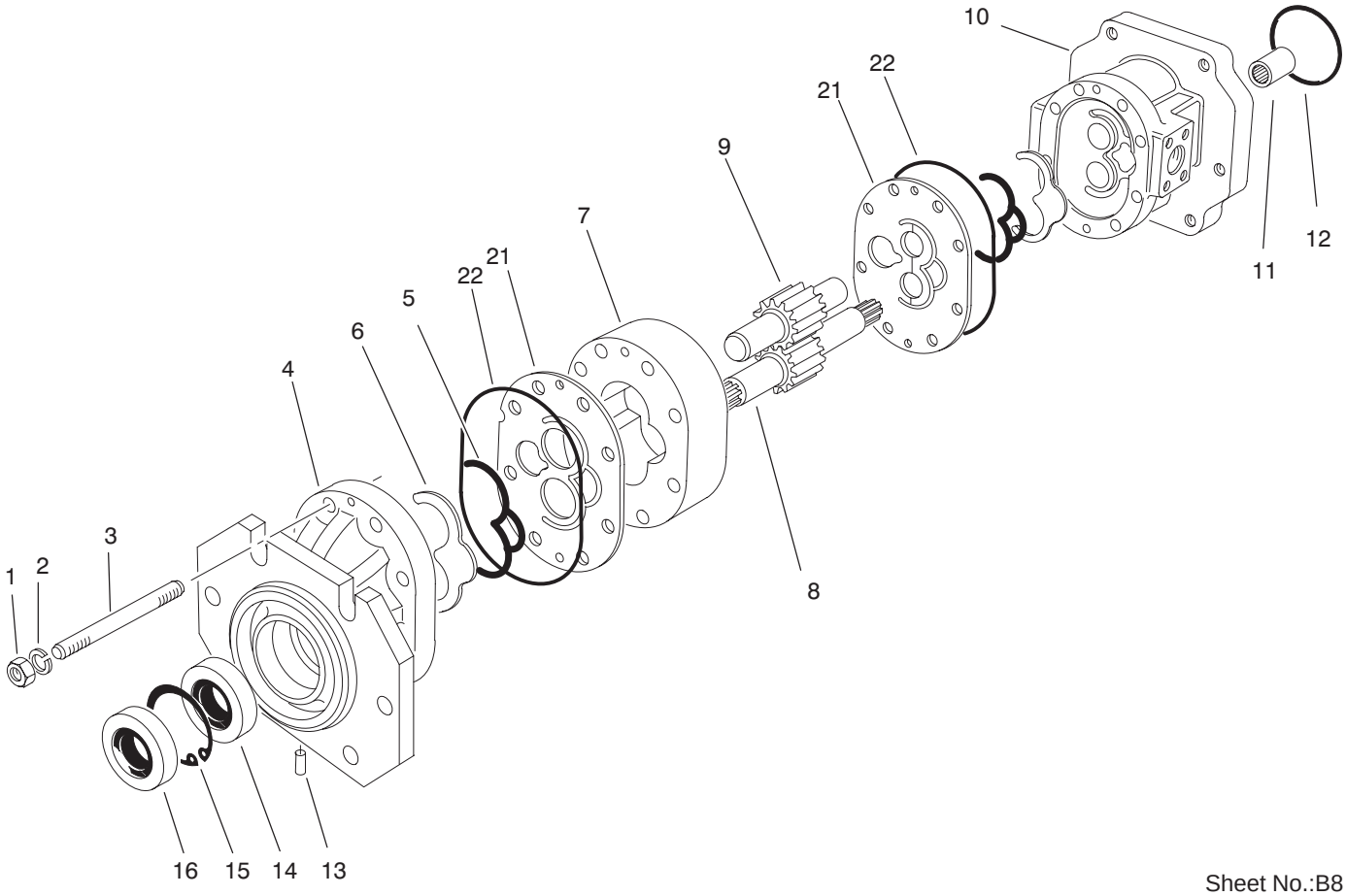
Ref. No.	Part No.	Qty.	Description
12	99–8590	1	Plate–Back, Flow Divider
13	92–9253	1	Valve–Relief
13:1	92–9257	1	Seal Kit
13:1:1	92–9255	1	O–Ring
13:1:2	92–9256	1	Washer–Backup
13:1:3	92–9254	1	O–Ring
14	99–8593	1	Ring–Retaining



Variable Piston Pump Assembly No. 99–6494

Ref. No.	Part No.	Qty.	Description
1	60–6190	1	O–Ring
2	95–6050	2	Pin–Dowel
3	60–6250	2	Washer
4	60–6260	1	Ring
5	60–6270	2	Ring
6	60–6330	4	Screw
10	60–6120	1	Cover–Seal
11	60–6010	1	Cover–Trunnion
12	99–8702	1	O–Ring
13	60–5990	1	Race
14	60–6110	2	Bearing
15	60–6130	1	Gasket
16	60–6160	2	Race
17	60–6170	1	Bearing–Thrust
18	60–6230	2	Screw–HH
19	60–6220	2	Screw–HH
20	60–6300	1	Seal
21	42–2720	1	Seal–External
22	68–6460	2	Relief Valve Kit
22:1	70–1240	1	Plug ASM
22:1:1	60–5980	1	O–Ring
22:2	99–8700	1	Spring
23	99–8703	1	Housing ASM
23:1	63–4390	1	Bearing–Needle
25	99–8705	1	Backplate ASM
25:1	60–6050	1	Bearing

Ref. No.	Part No.	Qty.	Description
25:2	60–6060	1	Cartridge
25:3	60–6070	1	Poppet
25:4	60–6080	1	Ring
25:5	60–6090	1	Spring
25:6	39–2080	1	Tow Valve ASM
25:6:1	60–6290	1	O–Ring
26	99–8704	1	Plate–Valve
27	60–6140	1	Shaft
28	60–6020	1	Camplate
29	60–6200	1	Adapter
29:1	33–4990	1	Poppet
29:2	39–2140	1	Spring
29:3	39–2130	1	Retainer–Spring
29:4	60–6150	1	Bearing
30	99–8706	1	Gerotor–Inner
31	99–8707	1	Gerotor–Outer
32	60–6280	1	Plug
32:1	60–6290	1	O–Ring
34	60–6320	1	Key
35	99–8708	1	O–Ring
36	60–6240	1	Washer
37	60–6310	1	Key
38	3256–73	4	Washer–Flat
39	95–6056	1	Seal Kit
40	99–8701	1	Rotating Kit

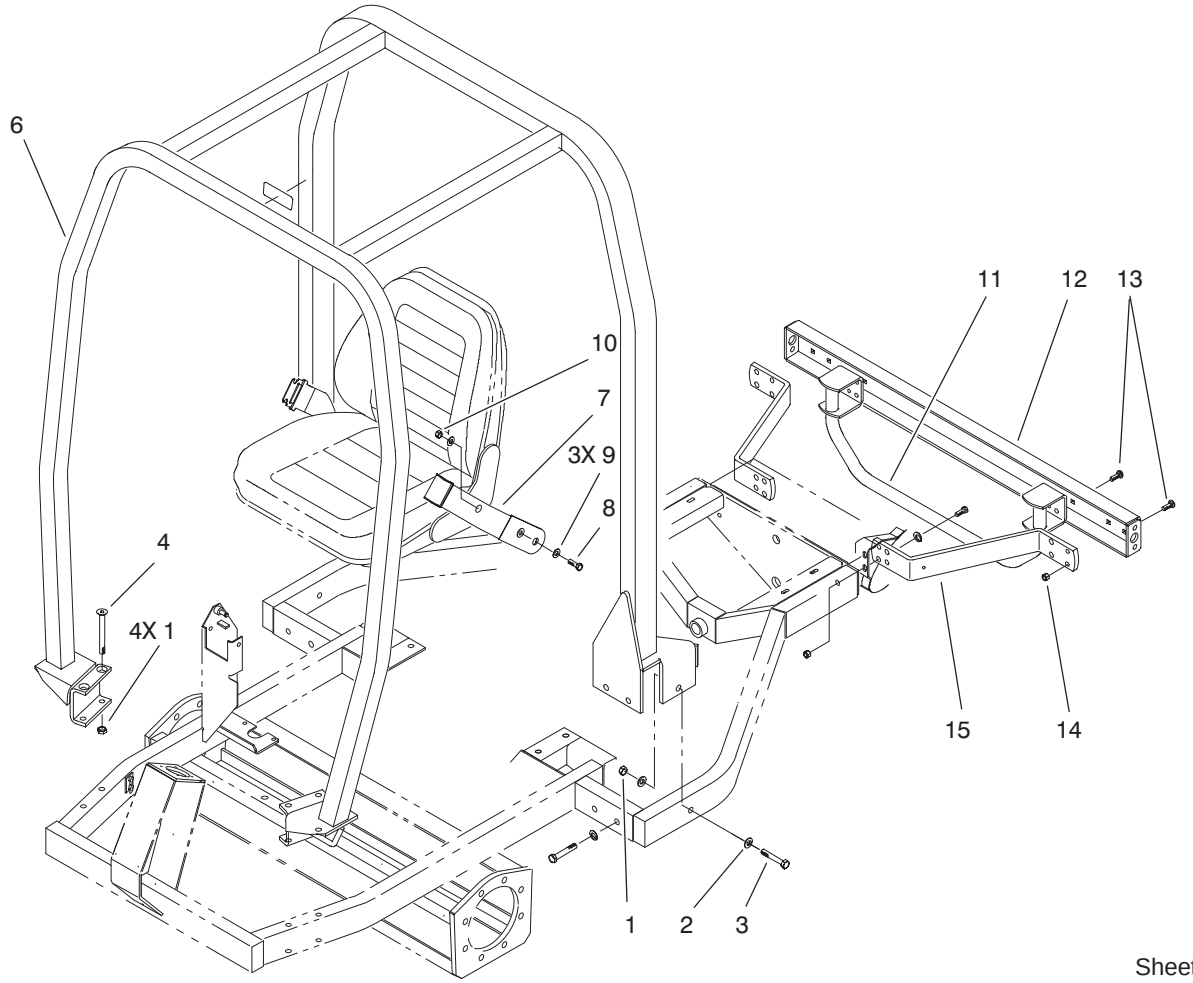


Sheet No.:B8
T–3680

Pump Assembly No. 86–6000–01

Ref. No.	Part No.	Qty.	Description
1	59–7580	8	Nut
2	59–7590	8	Lockwasher
3	59–7970	8	Stud
4	86–6010	1	Cover–Front
5	59–7990	2	Seal
6	59–8470	2	Retainer
7	86–6020	1	Section–Center
8	59–8500	1	Gear
9	59–8600	1	Gear
10	86–6030	1	Section–Port, Rear
11	59–8540	1	Coupling
12	86–6040	1	O–Ring
13	86–6050	1	Plug
14	59–8570	1	Seal
15	59–8580	1	Ring–Retaining
16	59–8590	1	Seal
21	86–6070	2	Plate–Rear
22	86–6080	2	O–Ring

Ref. No.	Part No.	Qty.	Description



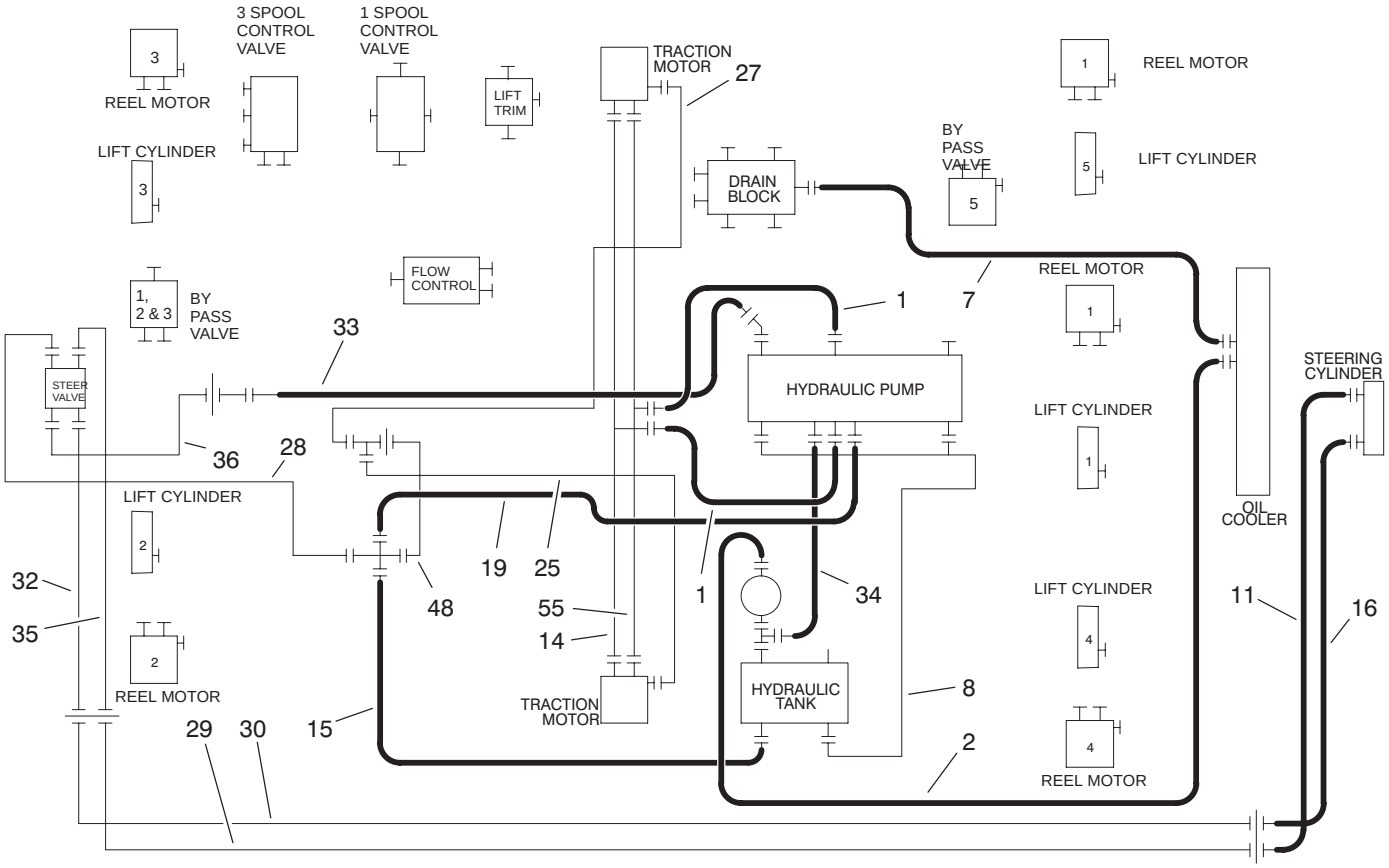
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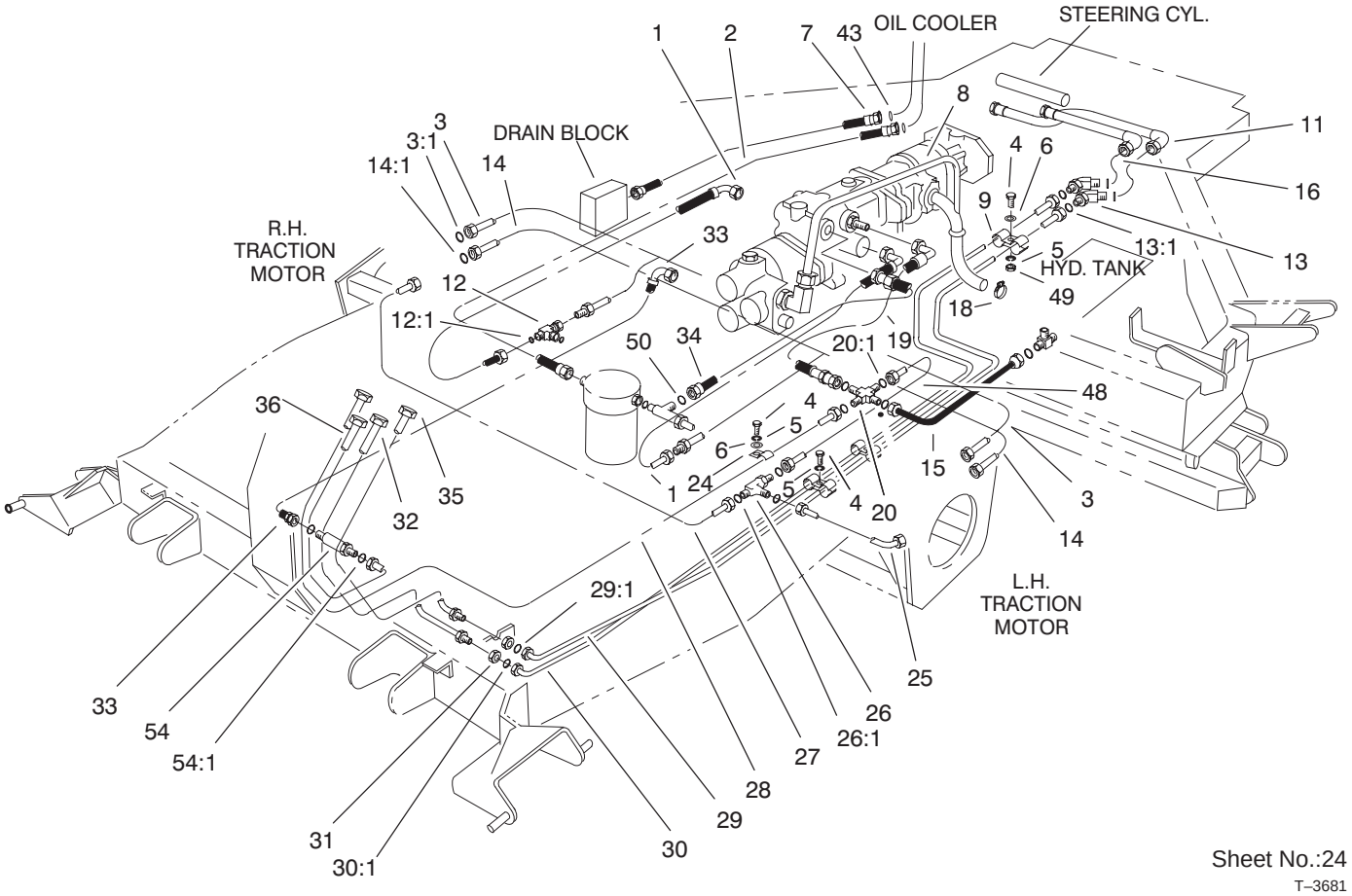
Roll Over Protection System Assembly (only on: 03707)

Ref. No.	Part No.	Qty.	Description
1	3296–23	10	Nut–Lock, NI
2	3256–26	12	Washer–Flat
3	325–12	6	Screw–HH
4	3289–25	4	Screw–SFH
6	92–2987–03	1	Rops
7	21–4191	1	Seat Belt ASM
8	324–5	2	Screw–HH
9	3256–25	6	Washer–Flat
10	3296–48	2	Nut–Lock NI
11	92–6050–03	1	Guard ASM
12	92–6052–03	1	Bumper–Rear
13	3231–25	12	Screw–CARR
14	3296–39	12	Nut–Lock, NI
15	92–6051–03	2	Bracket–Bumper

Ref. No.	Part No.	Qty.	Description

Hydraulic Circuit – Traction and Steering Circuit





Sheet No.:24

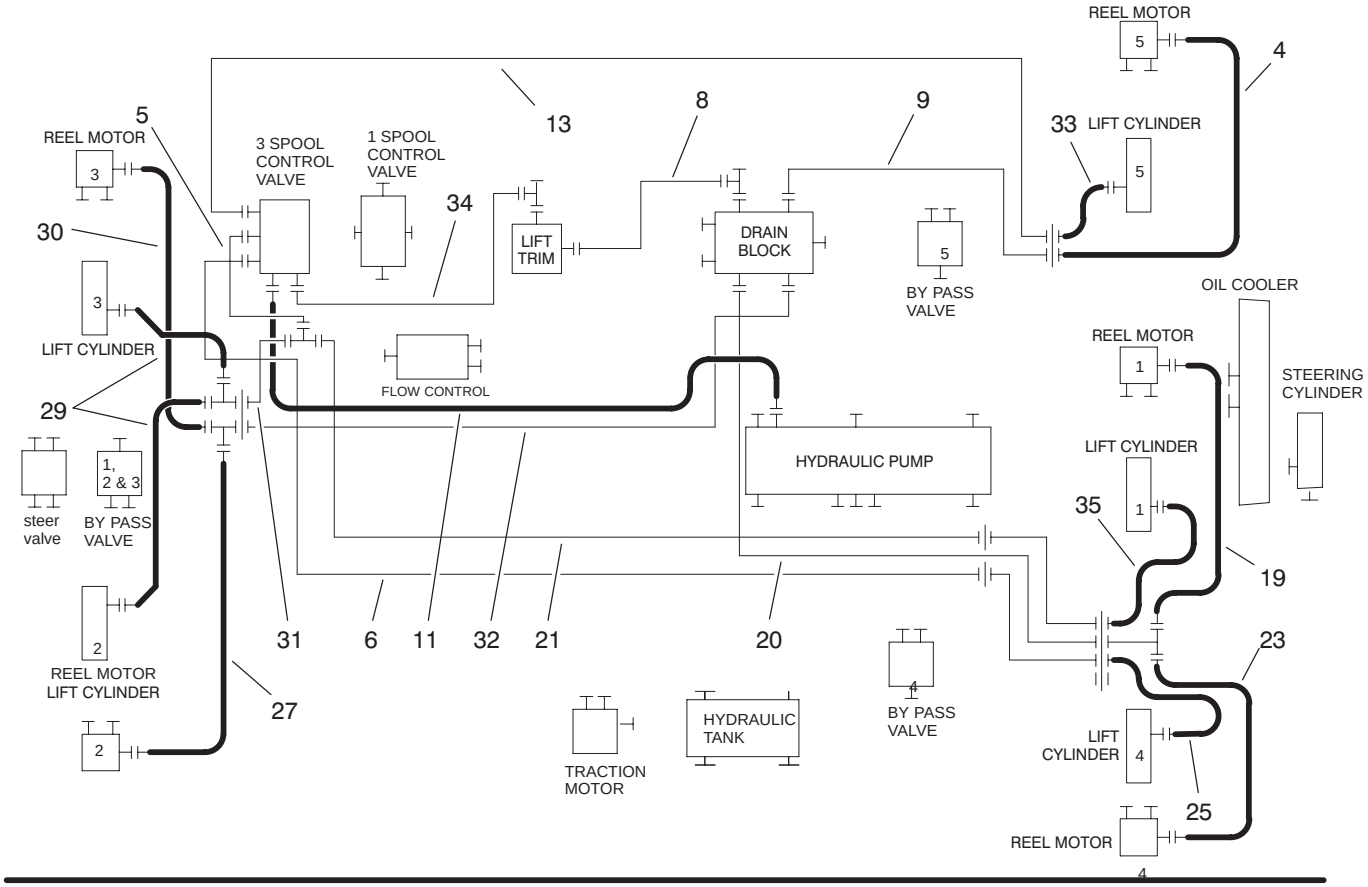
T–3681

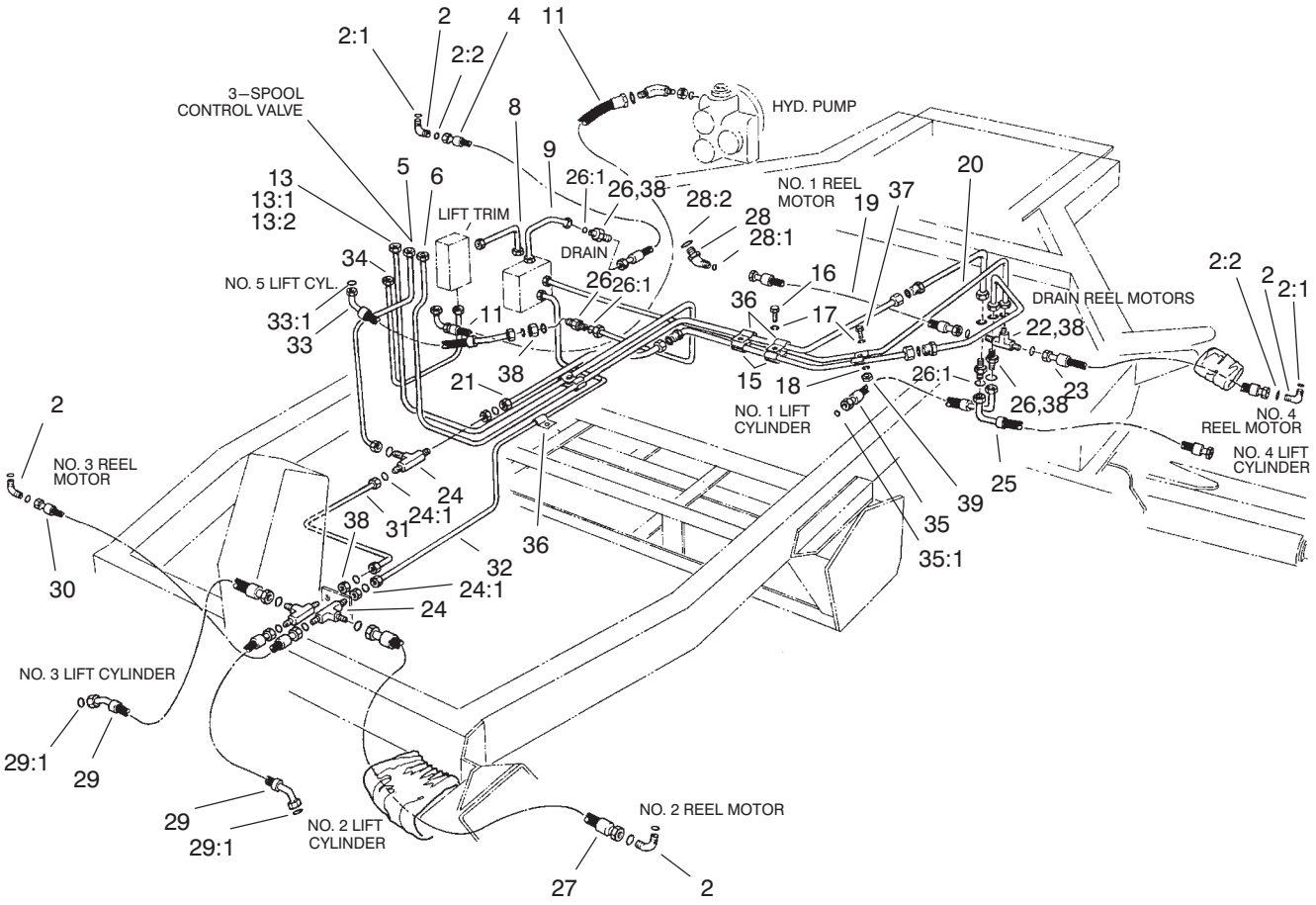
Hydraulic Circuit – Traction and Steering Circuit

Ref. No.	Part No.	Qty.	Description
1	58–5860	2	Hose ASM
2	75–8200	1	Hose–Filter/Cooler
3	92–5677	1	Tube–Traction (only on: 03707)
3	92–9202	2	Tube–Traction (only on: 03706)
3:1	237–58	1	O–Ring
4	33113–025	4	Screw–HH
5	43–5930	5	Washer–Spring
6	33093–00	3	Washer–Flat
7	75–8210	1	Hose–Manifold/Cooler
8	60–1900	1	Tube
9	58–3880	4	Clamp–Double
11	98–7415	1	Hose–HYD
12	92–4748	2	Adapter–HYD, Tee (only on: 03707)
12:1	237–58	2	O–Ring (only on: 03707)
13	340–69	2	Elbow–Bulkhead, 45°
13:1	237–22	2	O–Ring
14	92–4726	1	Tube–Traction (only on: 03707)
14:1	237–58	1	O–Ring (only on: 03707)
15	92–5694	1	Hose ASM
16	98–7416	1	Hose–HYD (only on: 03707)
16	98–7414	1	Hose–HYD (only on: 03706)
18	2412–92	2	Clamp–Hose
19	60–1250	1	Hose–Drain, Traction Pump
20	340–23	1	Cross–Union
20:1	237–22	4	O–Ring
24	60–1360	1	Clamp–Single
25	58–4790	1	Tube–Steel
26	340–68	1	Fitting–Tee, Bulkhead
26:1	237–22	3	O–Ring
27	58–4860	1	Tube–Steel
28	74–2820	1	Tube ASM
29	98–3843	1	Tube–Steel, RH Steer
29:1	237–22	1	O–Ring
30	98–1262	1	Tube–Steel, LH Steer
30:1	237–22	1	O–Ring
31	340–70	6	Locknut–Bulkhead
32	74–2780	1	Tube ASM
33	58–5720	1	Hose ASM
34	58–5870	1	Hose ASM
35	74–2810	1	Tube ASM
36	74–2790	1	Tube ASM
43	340–65	2	O–Ring
48	58–4710	1	Tube–Steel
49	48–7890	2	Nut
50	237–30	1	O–Ring
54	340–71	1	Fitting–Straight, Bulkhead
54:1	237–22	2	O–Ring

Ref. No.	Part No.	Qty.	Description

Hydraulic Circuit – Lift Arm





Sheet No.:25

T–3682

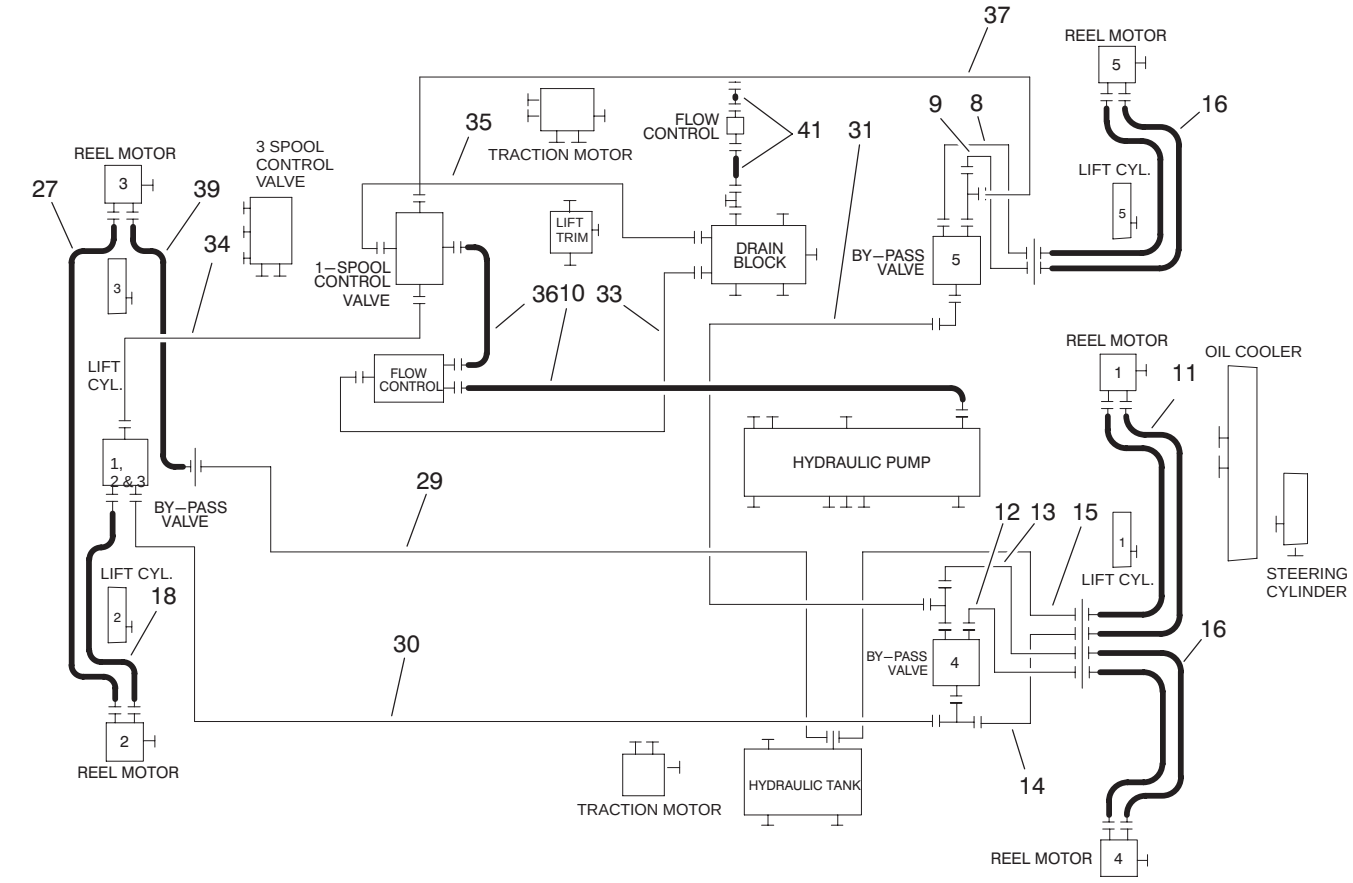
Hydraulic Circuit – Lift Arm

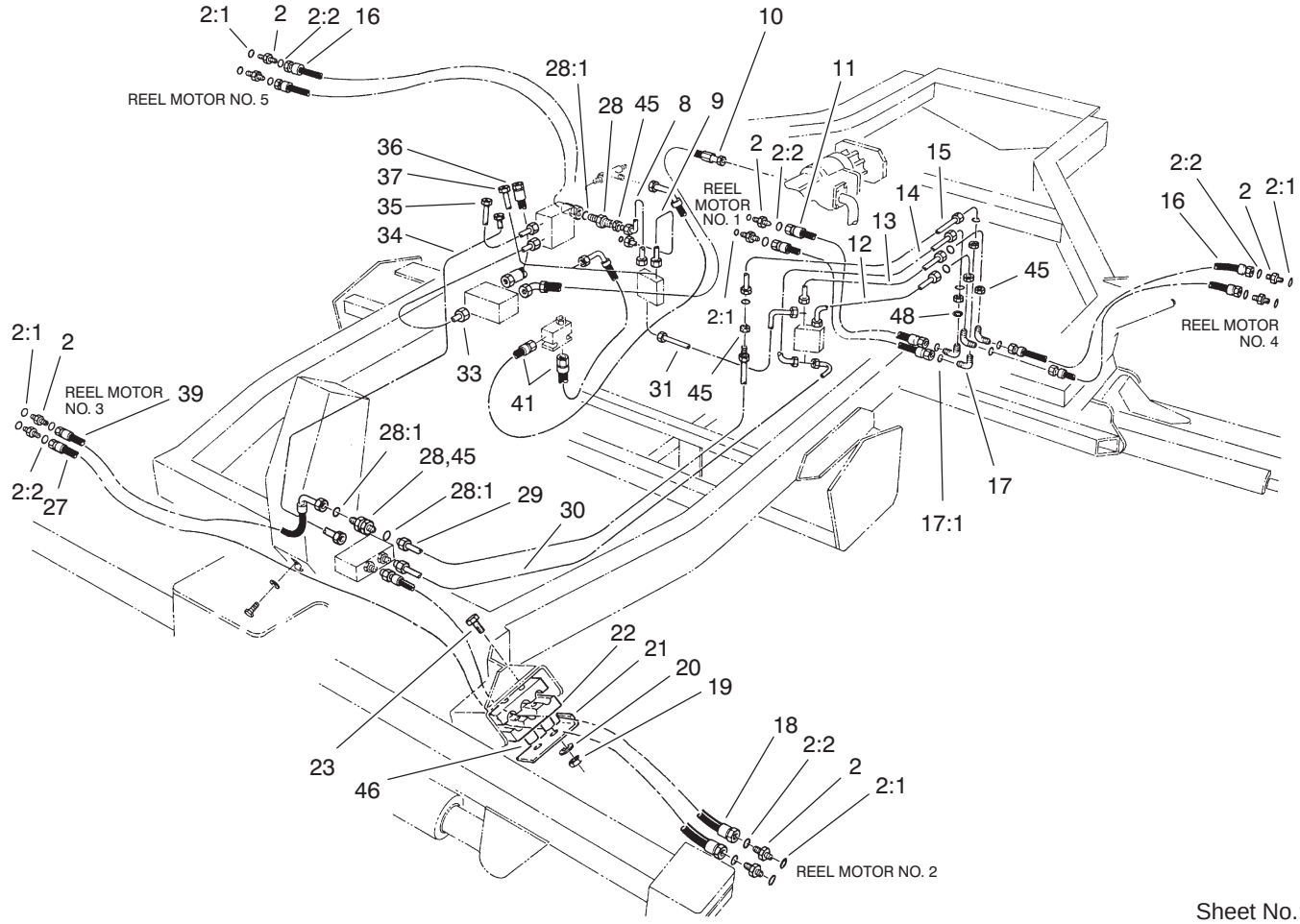
Ref. No.	Part No.	Qty.	Description
2	340–77	4	Fitting–HYD, 90°
2:1	237–22	1	O–Ring
2:2	237–42	1	O–Ring
4	98–7413	1	Hose ASM
5	58–4750	1	Tube–Steel
6	93–1404	1	Tube–Steel
8	63–4680	1	90° Tube ASM
9	58–4780	1	Tube–Steel
11	58–5710	1	Hose ASM
13	68–6370	1	HYD Tube Kit
13:1	68–6380	1	Tube ASM
13:2	68–6390	1	Tube ASM
15	58–3880	5	Clamp–Double
16	33113–050	2	Screw–HH
17	43–5930	6	Washer–Spring
18	33093–00	2	Washer–Flat
19	98–7408	1	Hose ASM
20	58–4850	1	Tube–Steel
21	68–6270	1	HYD Tube Kit
*21:1	68–6280	1	Tube ASM
*21:2	68–6290	1	Tube ASM
*21:3	68–6300	1	Tube ASM
22	60–2180	1	Adaptor
23	98–7406	1	Hose ASM
24	340–68	3	Fitting–Tee, Bulkhead
24:1	237–22	3	O–Ring
25	98–7411	1	Hose ASM
26	340–71	4	Fitting–Straight, Bulkhead
26:1	237–22	2	O–Ring
27	98–7410	1	Hose ASM
28	340–87	1	Fitting–HYD, 45°
28:1	237–22	1	O–Ring
28:2	237–42	1	O–Ring
29	98–7409	2	Hose ASM
29:1	237–22	1	O–Ring
30	98–7407	1	Hose ASM
31	58–4760	1	Tube–Steel
32	58–4880	1	Tube–Steel
33	98–7412	1	Hose ASM
33:1	237–22	1	O–Ring
34	58–4870	1	Tube–Steel
35	98–7405	1	Hose ASM
35:1	237–22	1	O–Ring
36	60–1360	3	Clamp–Single
37	33113–025	5	Screw–HH
38	340–70	8	Locknut–Bulkhead
39	48–7890	3	Nut

Ref. No.	Part No.	Qty.	Description

* Not illustrated

Hydraulic Circuit – Cutting Unit





Sheet No.:26

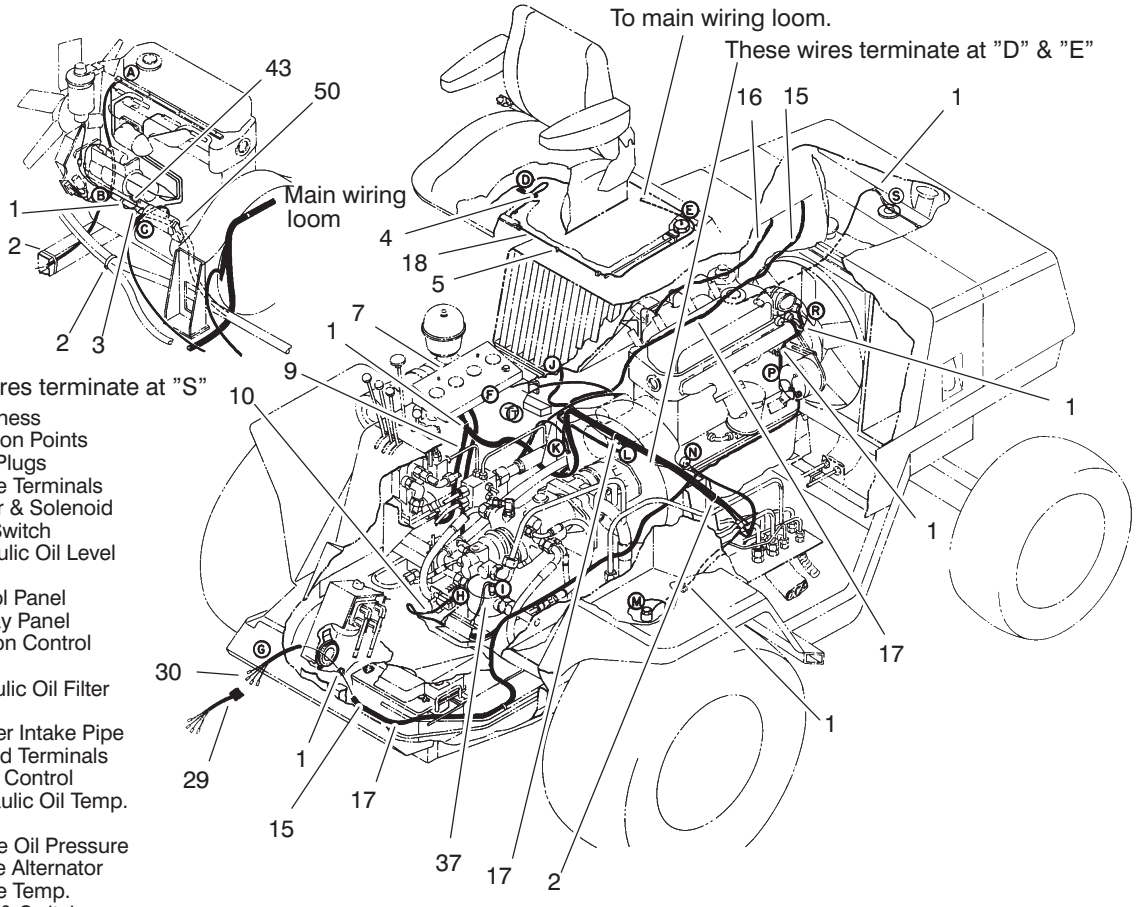
T–3683

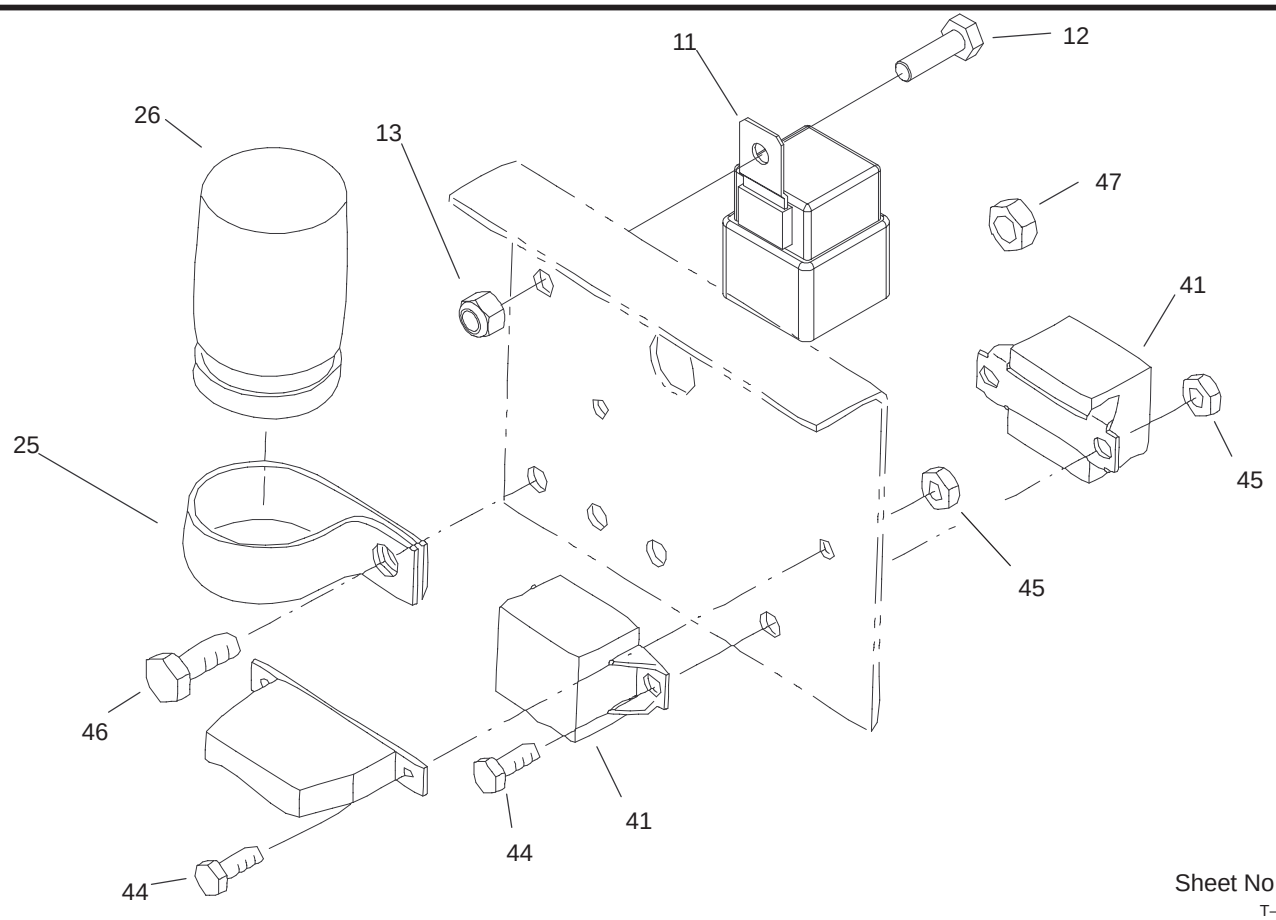
Hydraulic Circuit – Cutting Unit

Ref. No.	Part No.	Qty.	Description
2	340–8	10	Adapter
2:1	237–65	1	O–Ring
2:2	237–81	1	O–Ring
8	58–4960	1	Tube–Steel
9	58–4970	1	Tube–Steel
10	58–5730	1	Hose ASM
11	98–7404	2	Hose ASM
12	58–5060	1	Tube–Steel
13	58–5000	1	Tube–Steel
14	58–5020	1	Tube–Steel
15	58–5040	1	Tube–Steel
16	98–7403	4	Hose ASM
17	340–72	4	Union–Elbow Bulkhead, 90°
17:1	237–65	2	O–Ring
18	98–7400	1	Hose ASM
19	3296–8	4	Nut–Lock, NI
20	3256–16	4	Washer–Flat
21	74–2750–03	2	Retainer
22	74–2710	4	Clamp–Hose
23	321–14	4	Screw–HH
27	98–7401	1	Hose ASM
28	340–76	3	Fitting–Bulkhead Union, Straight
28:1	237–65	2	O–Ring
29	58–4990	1	Tube–Steel
30	58–5070	1	Tube–Steel
31	58–4950	1	Tube–Steel
33	58–5050	1	Tube–Steel
34	58–5030	1	Tube–Steel
35	58–4980	1	Tube–Steel
36	60–3340	1	Hose ASM
37	63–4710	1	Tube ASM
39	98–7402	1	Hose ASM
41	60–1250	2	Hose–Drain, Traction Pump
45	340–74	8	Locknut–Bulkhead
46	74–2730	4	Tube
48	3254–21	2	Washer–Lock/Int

Ref. No.	Part No.	Qty.	Description

Electrical System Diagram

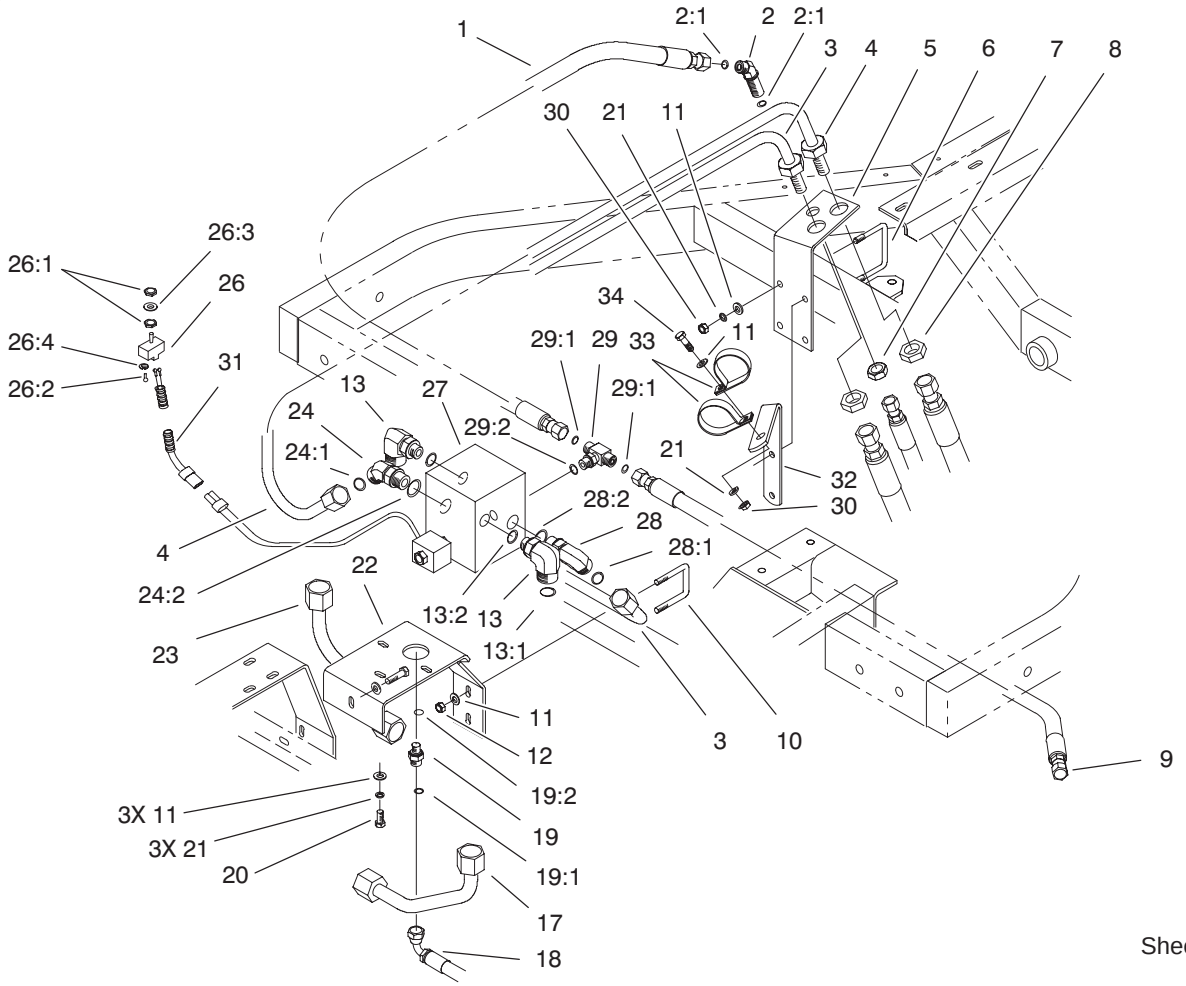




Electrical System Diagram

Ref. No.	Part No.	Qty.	Description
1	3290–378	29	Tie–Cable
2	3290–379	5	Tie–Cable
3	2412–109	1	Clip–J
4	237–100	1	Grommet
5	104–5232	4	Clip–Wire
7	105–9279	1	Harness–Wire, Control Panel
9	82–9790	1	Harness
10	104–5205	1	Harness–Wire, Micro Switch
11	99–7430	1	Relay–Speedometer, Sealed
12	321–5	1	Screw–HH
13	3296–42	1	Nut–Lock, NI
15	58–3850	1	Cable
16	43–4030	1	Cable–Battery To Solenoid
17	104–5231	1	Harness–Wire, Main
18	82–9750	1	Harness
25	2412–74	1	R–Clamp
26	37–2690	1	Capacitor
26:1	3252–18	2	Screw
26:2	3254–1	2	Washer–Lock, Internal
29	82–9230	2	Harness
30	98–3819	1	Harness–Wire, Light Cluster
37	86–5990	1	Harness–Filter
41	66–8800	2	Relay
43	93–3190	1	Boot–Terminal, Insulator
44	32105–13	4	Screw–SHH
45	3296–2	4	Nut–Lock
46	321–4	1	Screw–HH
47	3296–42	1	Nut–Lock, NI
50	99–3441	1	Harness–Wire, Fusible Link

Ref. No.	Part No.	Qty.	Description



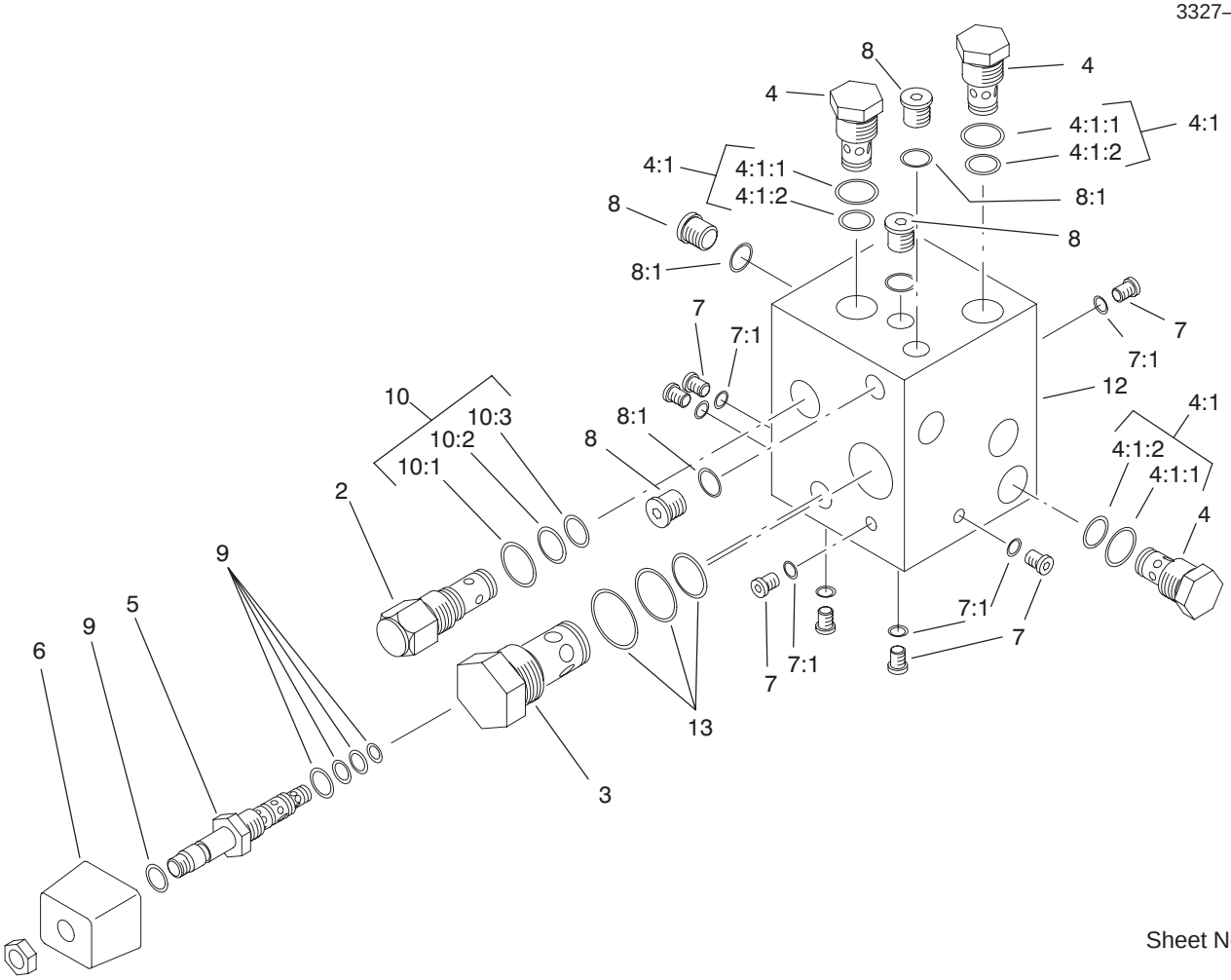
Sheet No.:28

T–3685

4 Wheel Drive Hydraulic Plumbing Assembly (only on: 03707)

Ref. No.	Part No.	Qty.	Description
1	92–5691	1	Hose ASM
2	340–69	1	Elbow–Bulkhead, 45°
2:1	237–22	2	O–Ring
3	92–5690	1	Reverse Tube ASM
4	92–5689	1	Forward Tube ASM
5	92–5693–01	1	Bracket–Bulkhead
6	92–5692	2	U–Bolt
7	340–70	1	Locknut–Bulkhead
8	340–74	2	Locknut–Bulkhead
9	92–4725	1	Hose ASM
10	66–5560	1	U–Bolt
11	3256–23	10	Washer–Flat
12	3296–29	2	Nut–Lock, NI
13	92–5696	2	Fitting–HYD, 90°
13:1	237–58	1	O–Ring
13:2	237–79	1	O–Ring
17	92–4728	1	Tube–Front
18	92–5687	1	Hose ASM
19	340–88	1	Adapter
19:1	237–22	1	O–Ring
19:2	237–78	1	O–Ring
20	322–3	3	Screw–HH
21	3253–4	8	Washer–Lock
22	86–6460–01	1	Bracket–Block

Ref. No.	Part No.	Qty.	Description
23	92–4727	1	Tube–Rear
24	340–14	1	Fitting–HYD, 45°
24:1	237–65	1	O–Ring
24:2	237–80	1	O–Ring
26	69–9740	1	Switch
26:1	218–498	2	Locknut–Hex
26:2	218–588	3	Screw
26:3	218–589	1	Nut/Lockwasher
26:4	3253–19	3	Washer–Lock/Sp
27	92–2982	1	Control Block ASM
28	340–17	1	Fitting–HYD, 90°
28:1	237–65	1	O–Ring
28:2	237–80	1	O–Ring
29	340–94	1	Adapter
29:1	237–22	2	O–Ring
29:2	237–42	1	O–Ring
30	3217–6	5	Nut–Hex
31	3290–378	1	Tie–Cable
32	99–8741–01	1	Bracket–Support, Hose
33	2412–107	2	Clamp–R
34	322–45	1	Screw–HH



Sheet No.:C4

T–3686

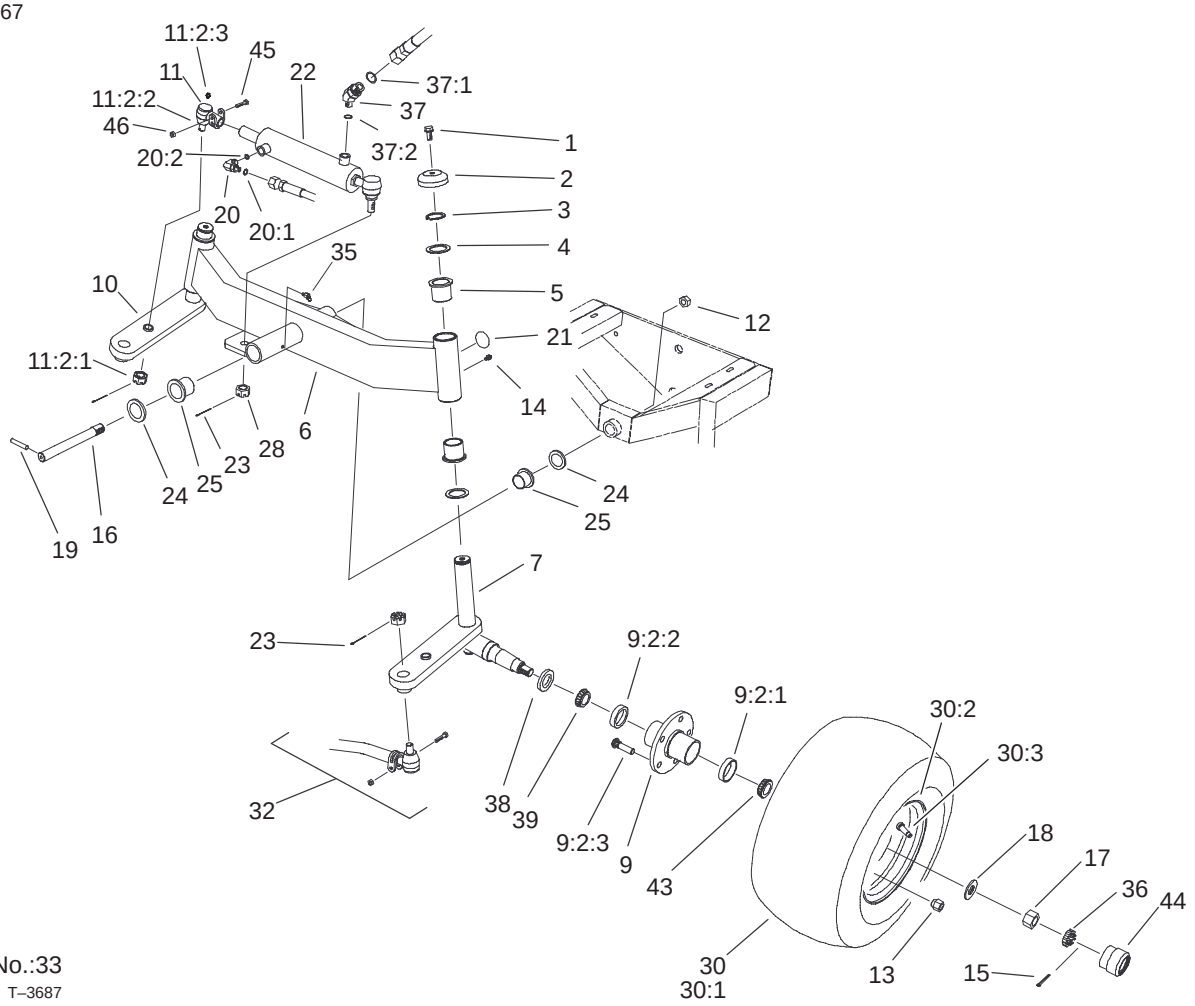
Hydraulic Manifold Assembly No. 92–2982

Ref. No.	Part No.	Qty.	Description
2	93–1406	1	Cartridge–Logic
3	93–1409	1	Cartridge–Logic
4	95–6014	3	Valve–Check
4:1	75–2080	1	Seal Kit
☆4:1:1		1	O–Ring
☆4:1:2		1	O–Ring
*☆4:1:3		1	Ring–Backup
5	93–1407	1	Cartridge–Solenoid
6	92–3048	1	Coil ASM
7	353–991	8	Plug–Hex, Hollow
7:1	237–156	1	O–Ring
8	353–989	4	Plug–Hex, Hollow
8:1	237–42	1	O–Ring
9	93–1408	1	Seal Kit
10	69–4240	1	Seal Kit
☆10:1		1	O–Ring
☆10:2		1	O–Ring
☆10:3		1	O–Ring
☆12		1	Block–Manifold
13	69–4270	1	Seal Kit

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately
* Not illustrated

3327–767



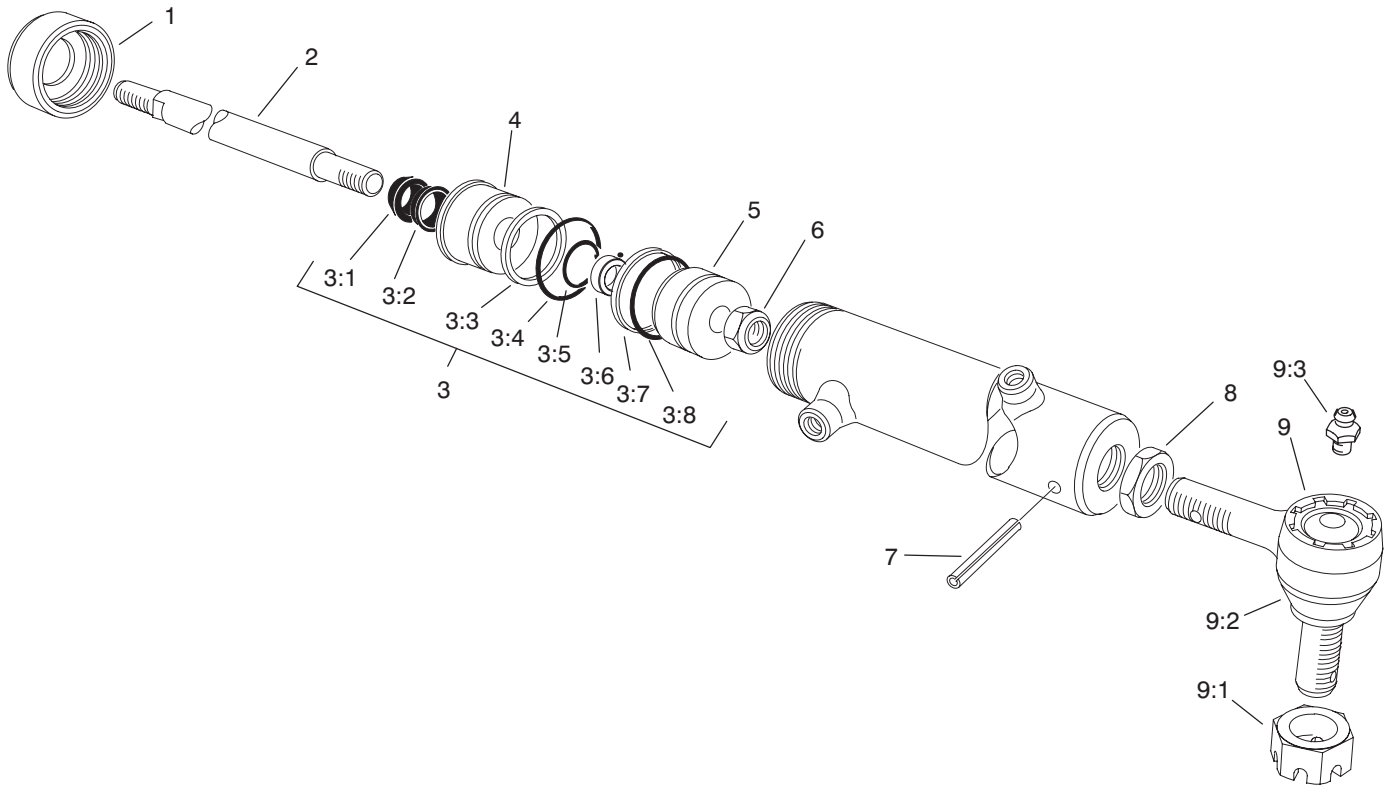
Sheet No.:33

T–3687

Steering Axle Assembly (only on: 03706)

Ref. No.	Part No.	Qty.	Description
1	3234–12	2	Screw–HHF
2	69–8890	2	Cap–Spindle
3	32151–10	2	Ring–Snap
4	256–304	4	Washer–Thrust
5	69–6470	4	Bushing–Castor
6	82–9850–03	1	Axle–Rear
7	93–0311–03	1	Spindle–Wheel, LH
9	69–2960–03	2	Hub Sub ASM
9:2:1	254–107	1	Cup–Bearing, Tapered
9:2:2	254–72	1	Bearing–Cup, Tapered
9:2:3	69–2990	5	Stud–Wheel
10	93–0310–03	1	Spindle–Wheel, RH
11	69–9810–03	1	Ball Joint ASM
11:2:1	105–7941	1	Nut–Hex, Slotted
11:2:2	71–4760	1	Seal
11:2:3	302–5	1	Fitting–Grease
12	3296–49	1	Nut–Lock NI
13	23–7270	10	Nut–Wheel
14	302–5	2	Fitting–Grease
15	3272–13	2	Pin–Cotter
16	82–9210	1	Shaft–Pivot
17	3220–7	2	Nut–Jam
18	93–0309	2	Washer–Tab
19	60–3670	1	Pin
20	340–97	1	Fitting–HYD, 90°
20:1	237–22	1	O–Ring

Ref. No.	Part No.	Qty.	Description
20:2	237–78	1	O–Ring
21	58–6520	2	Decal–Grease
22	77–4800	1	Cylinder–HYD
23	3272–12	4	Pin–Cotter
24	48–6660	2	Washer
25	48–6640	2	Bearing
28	32136–13	2	Nut–SHH
30	69–9870	2	Wheel ASM
30:1	69–9880	1	Tire
30:2	217–116	1	Rim–Wheel
30:3	232–27	1	Stem–Valve
32	82–9260–03	1	Tie Rod ASM
35	302–11	1	Fitting–Lube, 45°
36	93–0307	2	Nut–Lock, Retainer
37	340–54	1	Elbow–45°
37:1	237–22	1	O–Ring
37:2	237–78	1	O–Ring
38	69–2980	2	Seal
39	254–106	2	Cone–Bearing, Tapered
43	254–92	2	Cone–Bearing, Outer
44	69–2970	2	Cap–Hub
45	3210–7	1	Screw–HH
46	32152–5	1	Nut–Conelock



Sheet No.:B9

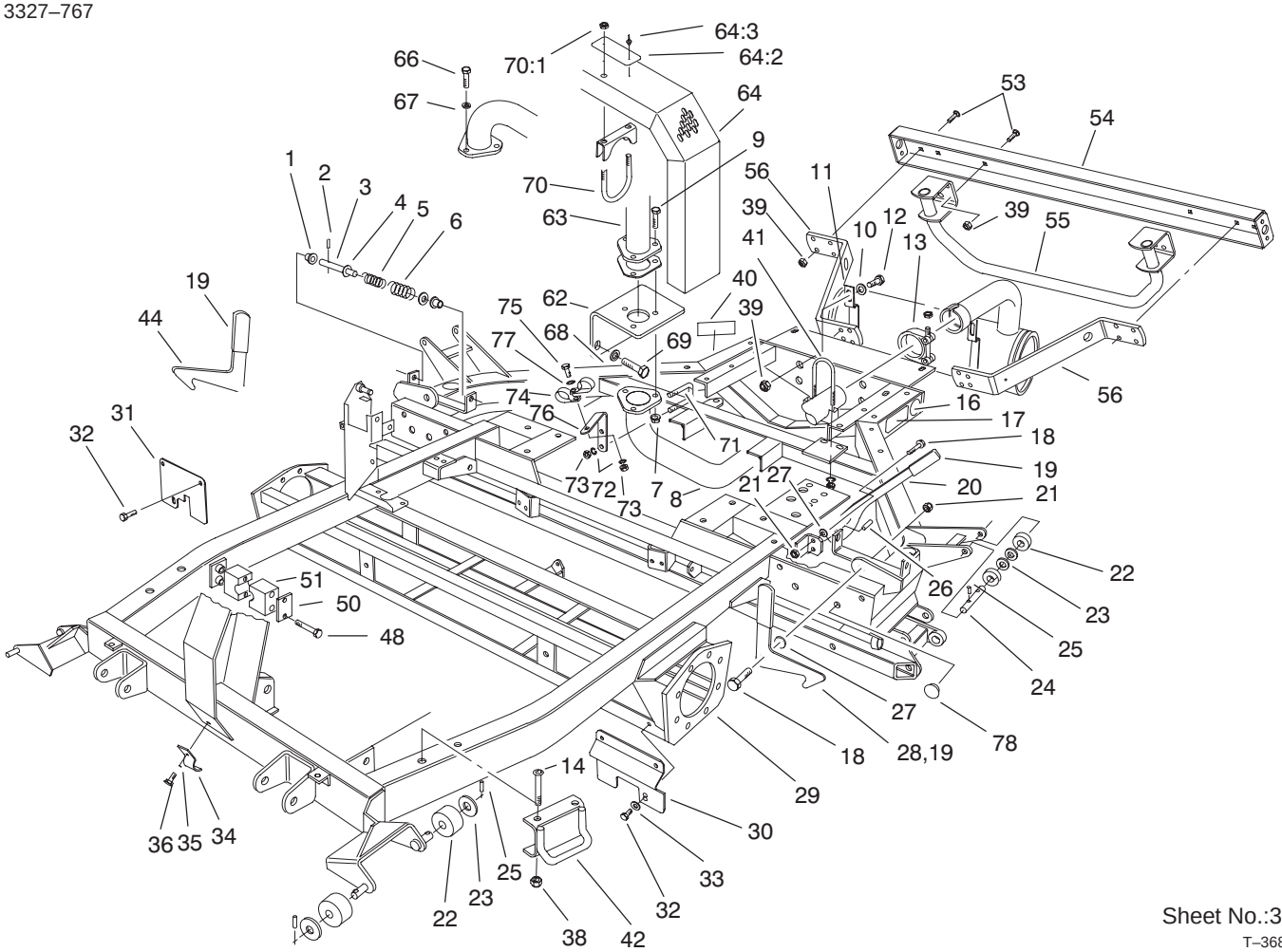
T–3688

Hydraulic Cylinder Assembly No. 77–4800 (only on: 03706)

Ref. No.	Part No.	Qty.	Description
☆1		1	Cap
☆2		1	Rod
3	82–5800	1	Seal Kit
☆3:1		1	Wiper–Rod
☆3:2		1	U–Cup
☆3:3		1	Washer–Backup
☆3:4		1	O–Ring
☆3:5		1	O–Ring
☆3:6		1	Spacer
☆3:7		1	Servon
☆3:8		1	O–Ring
☆4		1	Head
☆5		1	Piston
☆6		1	Nut
7	32121–44	1	Pin–Roll
8	82–5740	1	Nut–Jam
9	82–5730	1	End–Rod, Tie
9:1	105–7941	1	Nut–Hex, Slotted
9:2	105–7835	1	Seal
9:3	302–5	1	Fitting–Grease

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately



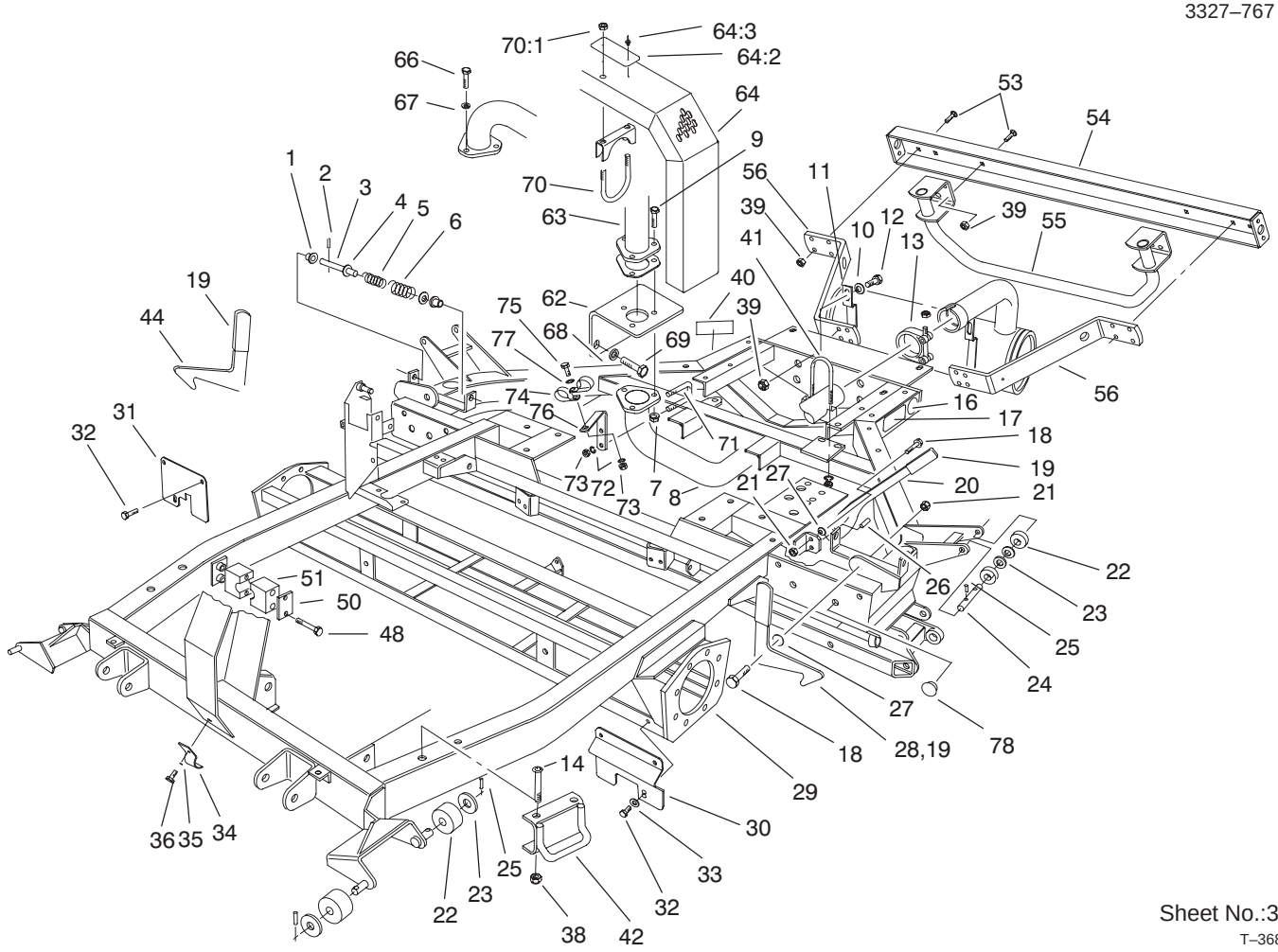
Sheet No.:34

T–3689

Frame and Muffler Assembly (only on: 03706)

Ref. No.	Part No.	Qty.	Description
1	58–2800	4	Bushing
2	60–3720	2	Pin–Roll
3	58–2810	2	Rod
4	3256–7	4	Washer–Flat
5	48–6780	2	Spring–Compression
6	60–1240	2	Spring
7	3296–29	3	Nut–Lock, NI
8	98–1230–03	1	Tube–Lower
9	322–7	3	Screw–HH
10	3256–24	4	Washer–Flat
11	74–2850	1	Silencer ASM
12	323–9	4	Screw–HH
13	2412–132	1	Clamp
14	3289–25	4	Screw–SFH
16	58–6520	3	Decal–Grease
17	93–9405	2	Decal–Pressure, Air
18	33116–030	3	Screw–HH
19	48–7080	3	Grip–Plastic
20	86–6570–03	1	Latch
21	51–2070	3	Nut
22	82–4910	8	Roller
23	51–2060	8	Washer
24	60–0160	2	Pin
25	60–2110	8	Pin
26	48–8830	1	Pin–Expansion
27	48–8850	3	Spring–Disc

Ref. No.	Part No.	Qty.	Description
28	86–6590–03	1	Latch–LH
29	94–8268–01	1	Frame
30	60–4190–03	1	Shield–Grass, LH
31	60–4200–03	1	Shield–Grass, RH
32	48–6900	6	Screw
33	33093–00	2	Washer–Flat
34	60–2080	1	Clamp–Hose
35	42–9850	1	Washer–Lock, Spring
36	48–7680	1	Screw–HH
38	3296–23	4	Nut–Lock, NI
39	3296–39	16	Nut–Lock, NI
40	88–6700	1	Decal–Ansi
41	76–3560	1	Clamp
42	92–4768–03	2	Tiedown
44	86–6580–03	1	Latch–RH
48	321–9	2	Screw–HH
50	82–2980	1	Plate–Cover
51	82–2990	2	Clamp–Half
53	3231–25	12	Screw–CARR
54	92–6052–03	1	Bumper–Rear
55	92–6050–03	1	Guard ASM
56	92–6051–03	2	Bracket–Bumper
62	98–1246–03	1	Bracket–Exhaust
63	98–1231–03	1	Tube–Upper
64	98–7890	1	Shield–Exhaust
64:2	95–0645	1	Plate–Surface, Hot



Sheet No.:34

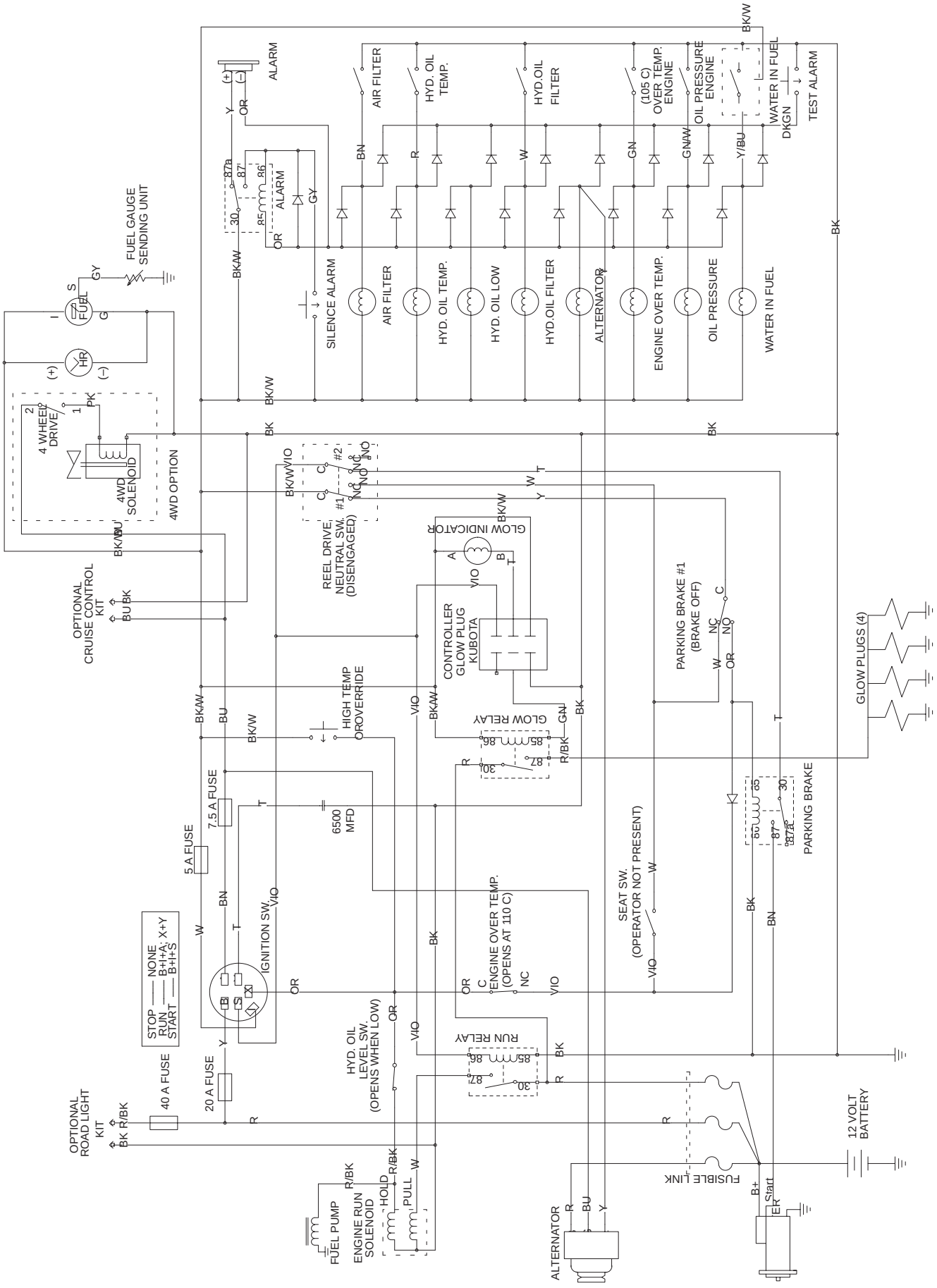
T–3689

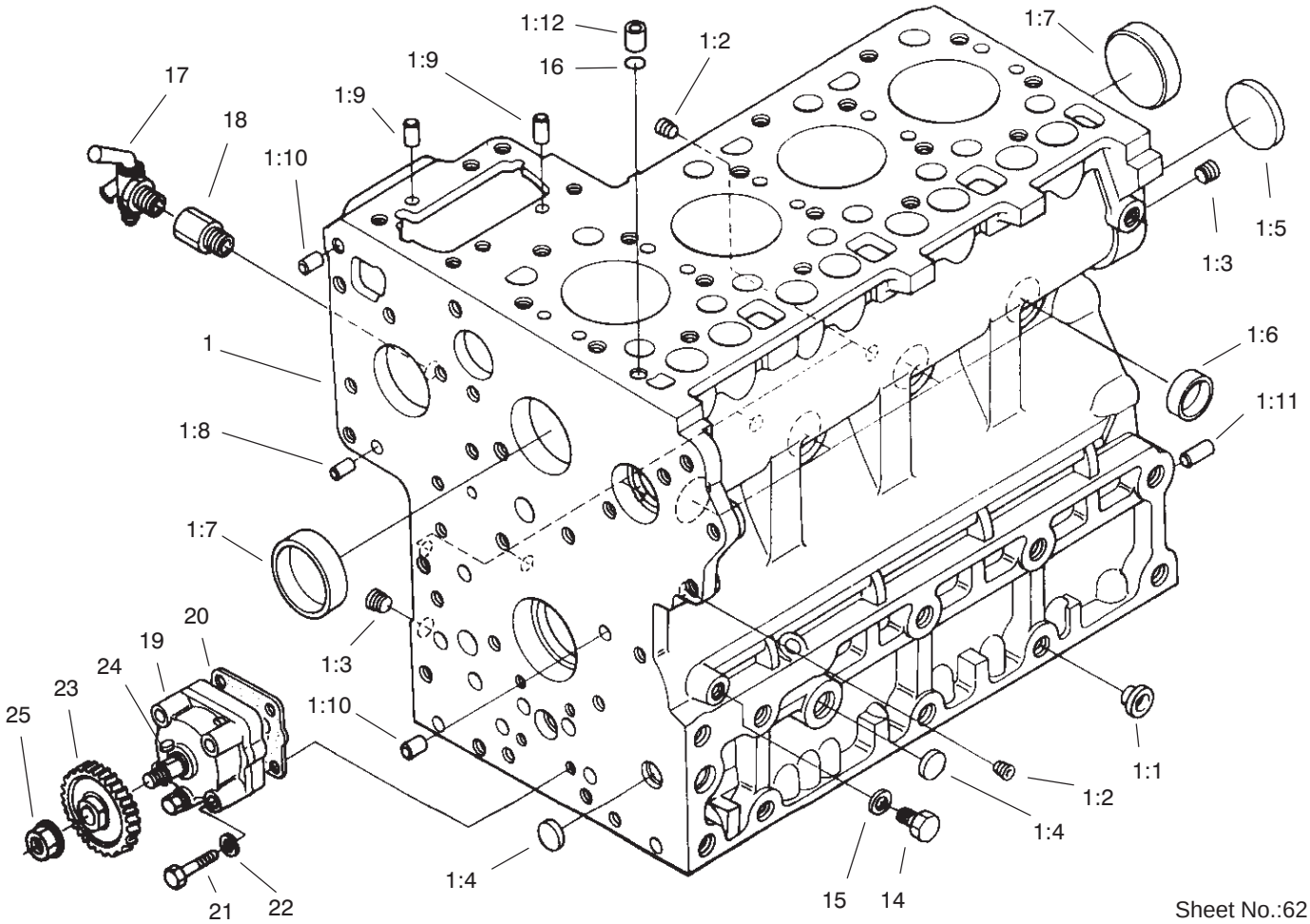
Frame and Muffler Assembly (only on: 03706) (Continued)

Ref. No.	Part No.	Qty.	Description
64:3	3290–271	2	Rivet–Pop
66	33114–025	3	Screw–HH
67	42–9850	3	Washer–Lock, Spring
68	43–5940	2	Lockwasher–Spring
69	42–9250	2	Bolt
70	2112–6	2	Clamp–Muffler
70:1	3218–2	2	Nut–Jam
71	92–5692	1	U–Bolt
72	3253–4	3	Washer–Lock
73	3217–6	3	Nut–Hex
74	2412–107	2	Clamp–R
75	322–45	1	Screw–HH
76	99–8741–01	1	Bracket–Support, Hose
77	3256–23	1	Washer–Flat
78	92–6059	12	Plug–Button

Ref. No.	Part No.	Qty.	Description

Electrical Schematic



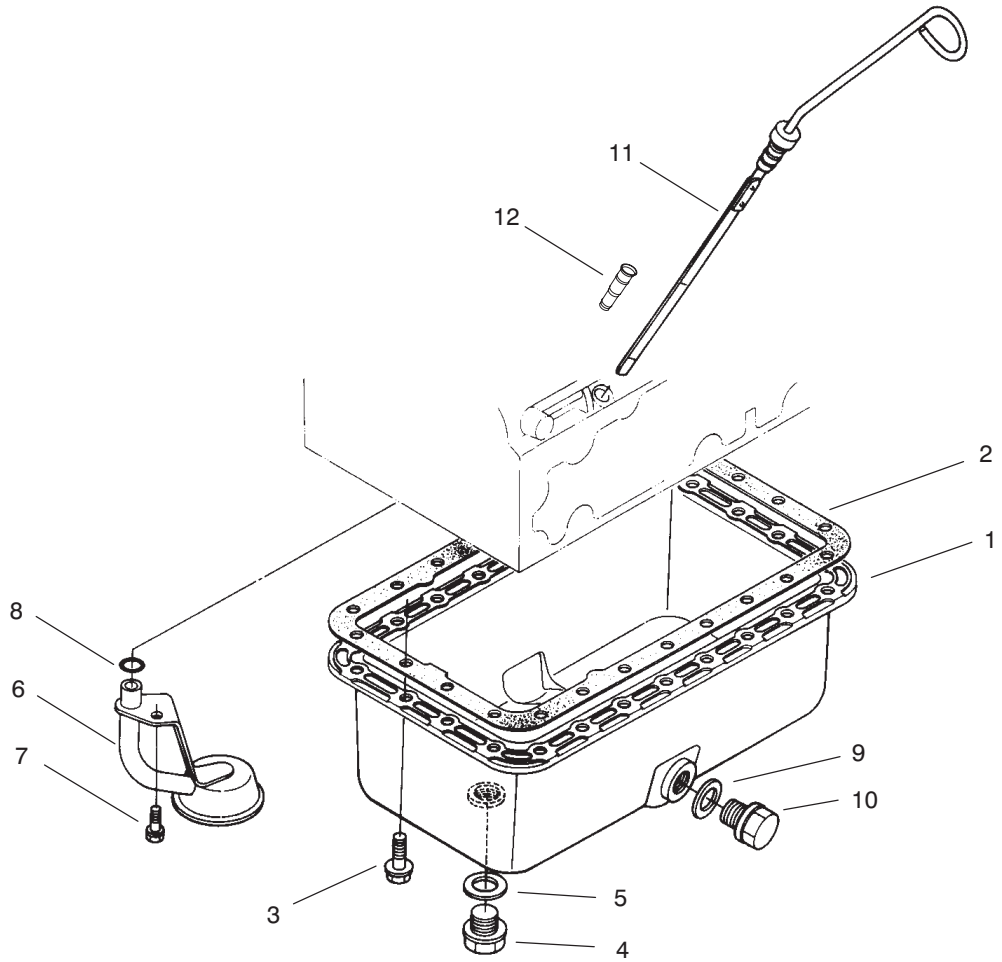


Sheet No.:62

Crankcase Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7485	1	Crankshaft–Complete
1:1	98–7486	2	Plug
1:2	98–7487	6	Plug
1:3	98–7488	2	Plug
1:4	98–7489	3	Plug
1:5	98–7490	1	Plug
1:6	98–7500	6	Cap–Sealing
1:7	98–7501	2	Cap–Sealing
1:8	98–7502	2	Pin–Straight
1:9	98–7503	2	Pin–Straight
1:10	98–7504	2	Pin–Straight
1:11	98–7505	1	Pin–Straight
1:12	98–7506	1	Pin–Pipe
14	98–7507	1	Plug
15	98–7528	1	O–Ring
16	98–7509	1	O–Ring
17	98–7510	1	Cock–Drain
18	98–7511	1	Joint–Cock, Drain
19	98–7512	1	Oil Pump ASM
20	98–7513	1	Gasket–Pump, Oil
21	98–7514	4	Bolt
22	98–7515	4	Washer–Spring
23	98–7516	1	Gear–Drive, Oil Pump
24	98–7517	1	Key–Feather
25	98–7518	1	Nut–Flange

Ref. No.	Part No.	Qty.	Description

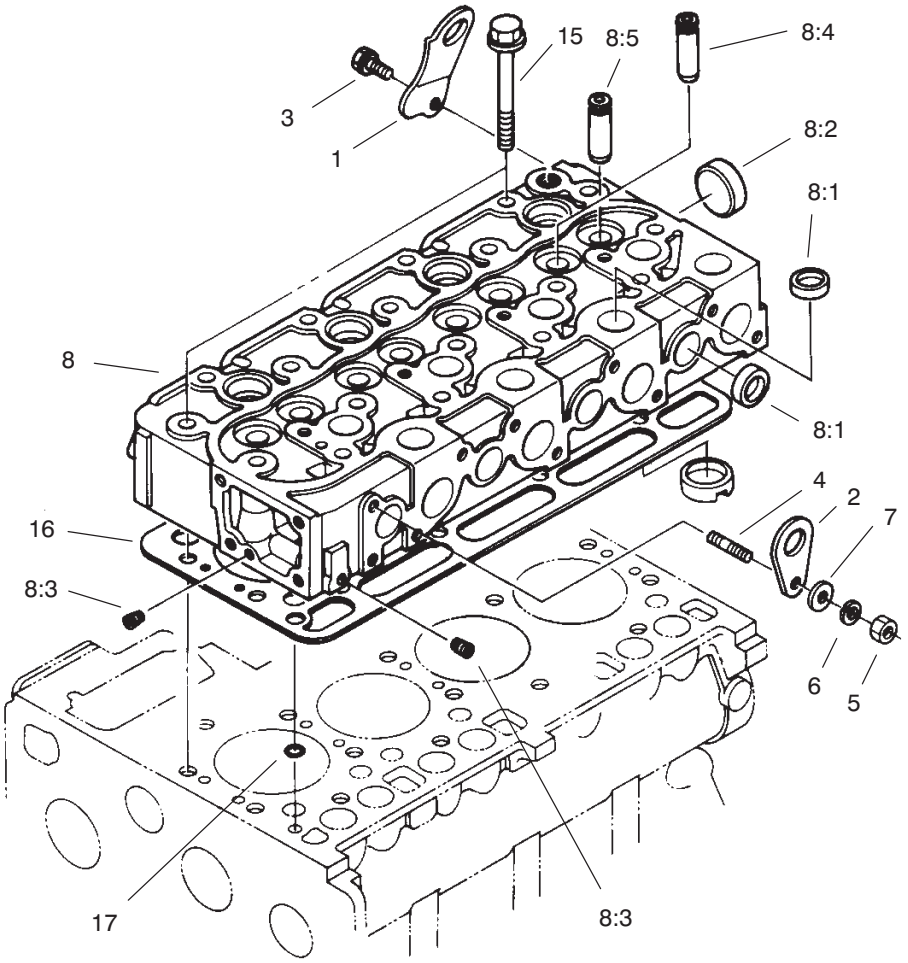


Sheet No.:63

Oil Pan Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7520	1	Pan–Oil
2	98–7521	1	Gasket
3	98–7522	24	Bolt–Flange
4	98–7523	1	Plug–Drain
5	98–7524	1	Gasket
6	98–7525	1	Filter–Oil
7	98–7526	1	Bolt
8	98–7527	1	O–Ring
9	98–7528	1	O–Ring
10	98–7529	1	Plug–Drain
11	105–4579	1	Gauge–Oil
12	105–4580	1	Guide

Ref. No.	Part No.	Qty.	Description

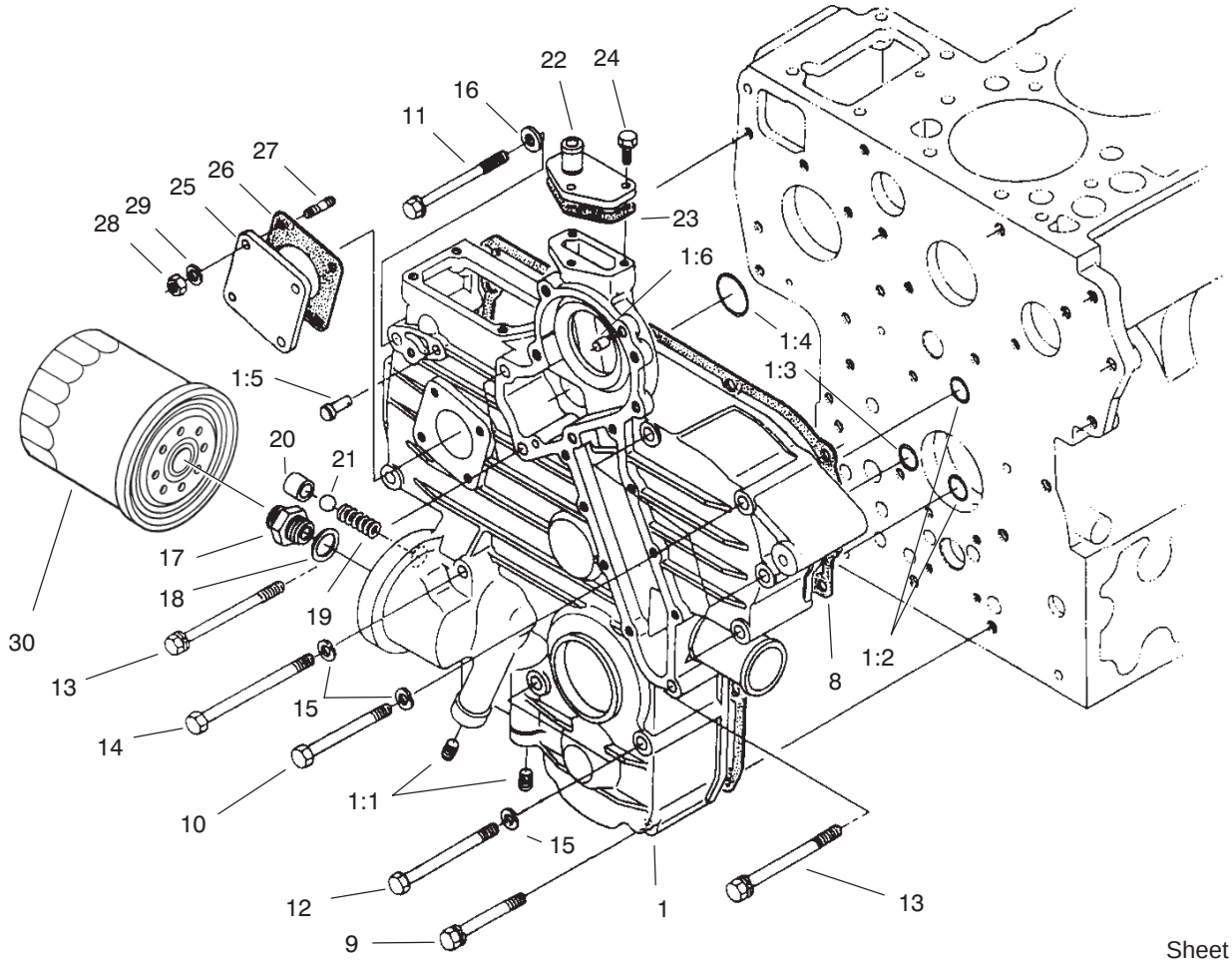


Sheet No.:64

Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7530	1	Hook–Engine
2	98–7531	1	Hook–Engine
3	98–7526	1	Bolt
4	98–7533	1	Stud
5	98–7534	1	Nut
6	98–7535	1	Washer–Spring
7	98–7536	1	Washer–Plain
8	98–7537	1	Head–Cylinder, Complete
8:1	98–7538	12	Cap–Sealing
8:2	98–7539	1	Cap–Sealing
8:3	98–7540	2	Cap–Sealing
8:4	98–7541	4	Plug
8:5	98–7542	4	Guide–Valve, Exhaust
15	98–7543	18	Bolt–Head, Cylinder
16	98–7544	1	Gasket–Head, Cylinder
17	98–7509	1	O–Ring

Ref. No.	Part No.	Qty.	Description

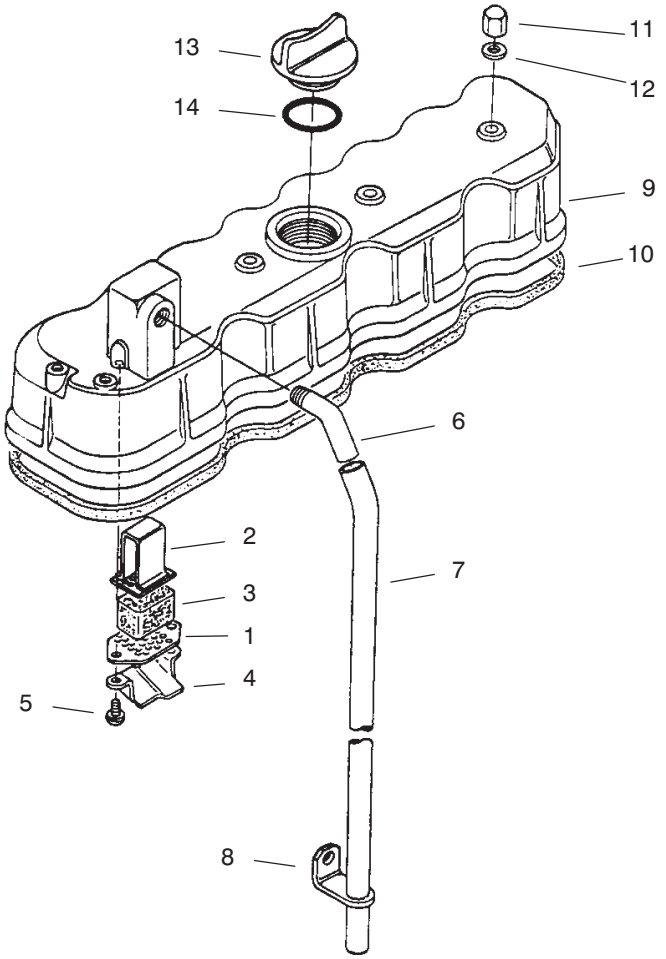


Sheet No.:65

Gear Case Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7545	1	Gear Case Assembly
1:1	98–7546	2	Plug
1:2	98–7547	2	O–Ring
1:3	98–7548	1	O–Ring
1:4	98–7549	1	O–Ring
1:5	98–7550	1	Pin–Spring, Start
1:6	98–7504	2	Pin–Straight
8	98–7552	1	Packing–Case, Gear
9	98–7553	2	Bolt
10	98–7554	5	Bolt
11	98–7555	1	Bolt
12	98–7556	2	Bolt
13	98–7557	3	Bolt
14	98–7558	2	Bolt
15	98–7535	9	Washer–Spring
16	98–7536	1	Washer–Plain
17	98–7561	1	Joint–Pipe
18	98–7562	1	Washer–Plain
19	98–7563	1	Spring
20	98–7564	1	Seat–Valve
21	98–7565	1	Ball
22	98–7566	1	Flange–Return, Water
23	98–7567	1	Gasket
24	98–7568	1	Bolt
25	98–7569	1	Cover
26	98–7570	1	Gasket–Unit, H/Meter

Ref. No.	Part No.	Qty.	Description
27	98–7571	4	Stud
28	98–7572	4	Nut
29	98–7515	4	Washer–Spring
30	98–7431	1	Cartridge–Filter, Oil

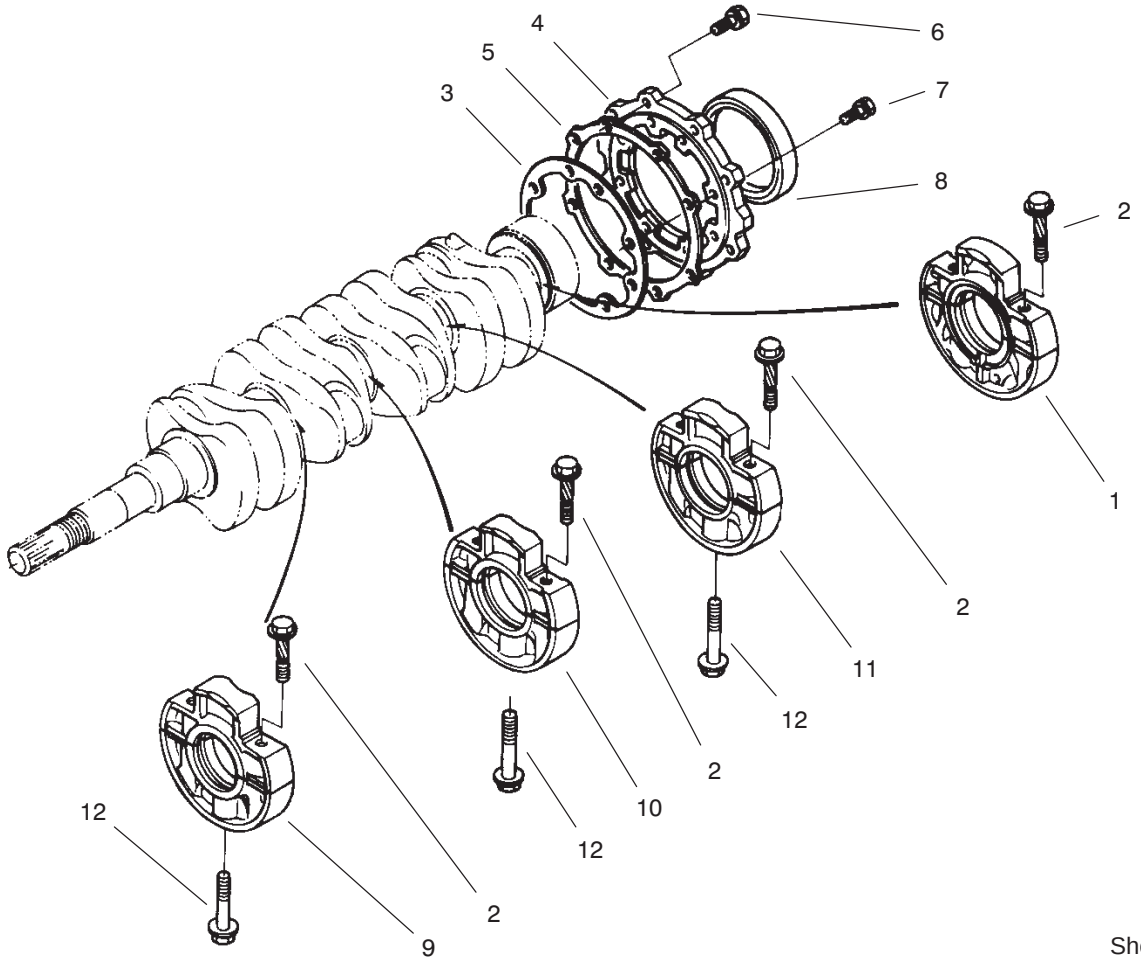


Sheet No.:66

Valve Cover Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7417	1	Plate–Element
2	98–7418	1	Plate–Element
3	98–7419	1	Element–Breather
4	98–7420	1	Shield–Breather, Oil
5	98–7421	2	Screw–W/Washer
6	98–7422	1	Joint–Pipe, Breather
7	98–7423	1	Pipe–Breather
8	98–7424	1	Clamp–Pipe
9	98–7425	1	Cover–Head, Cylinder
10	98–7426	1	Gasket–Cover, Head
11	98–7427	4	Nut–Cap
12	98–7428	4	Gasket
13	98–7429	1	Plug–Filter, Oil
14	98–7430	1	O–Ring

Ref. No.	Part No.	Qty.	Description

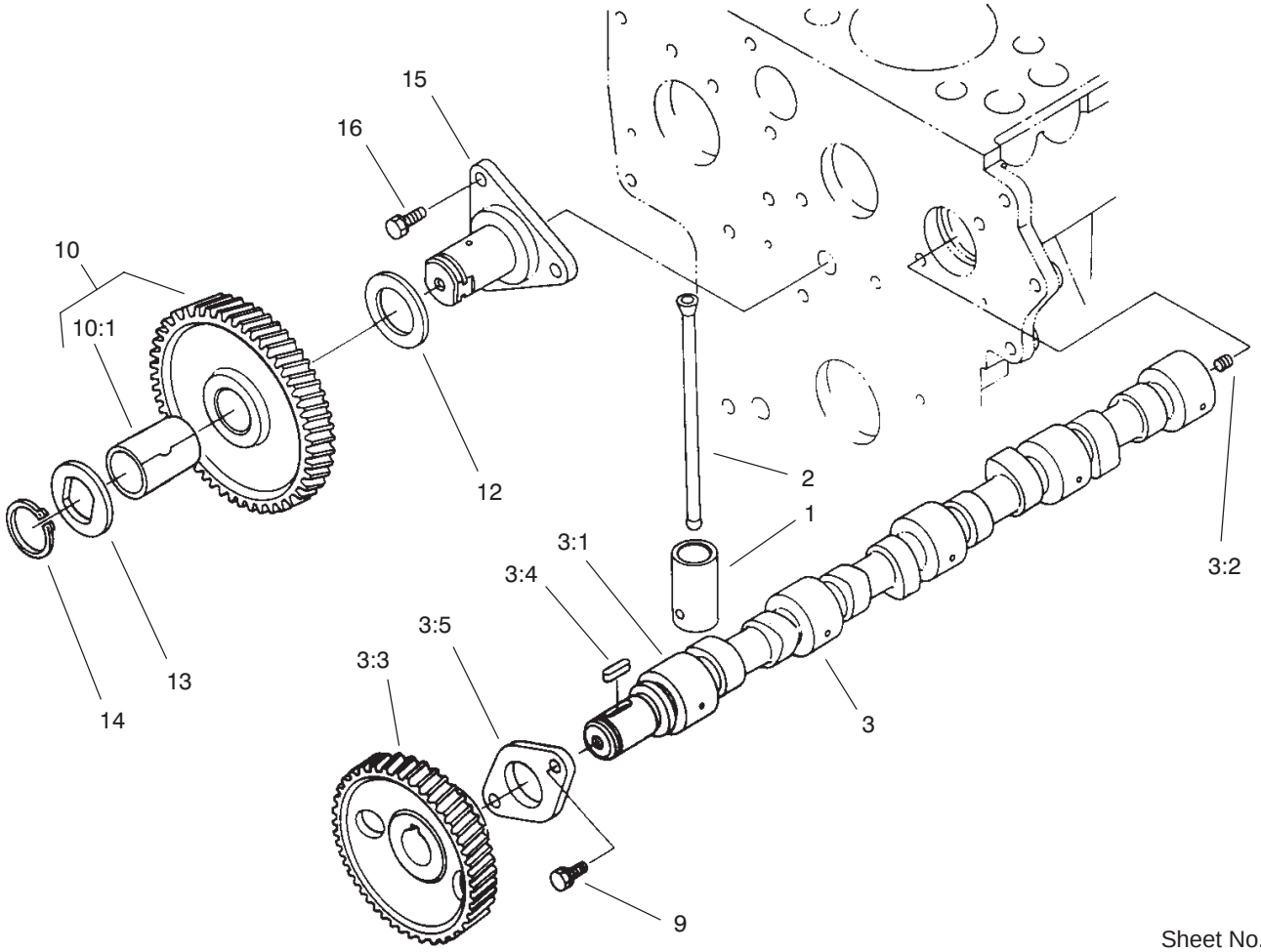


Sheet No.:67

Main Bearing Case Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7433	1	Main Bearing Case ASM
2	98–7434	8	Bolt–Case, Bearing
3	98–7435	1	Gasket–Case, Bearing
4	98–7436	1	Cover–Case, Bearing
5	98–7437	1	Gasket–Case Cover, Bearing
6	98–7438	8	Bolt
7	98–7439	8	Bolt
8	98–7440	1	Seal–Oil
9	98–7441	1	Main Bearing Case ASM
10	98–7442	1	Main Bearing Case ASM
11	98–7443	1	Main Bearing Case ASM
12	98–7444	3	Bolt–Case, Bearing

Ref. No.	Part No.	Qty.	Description

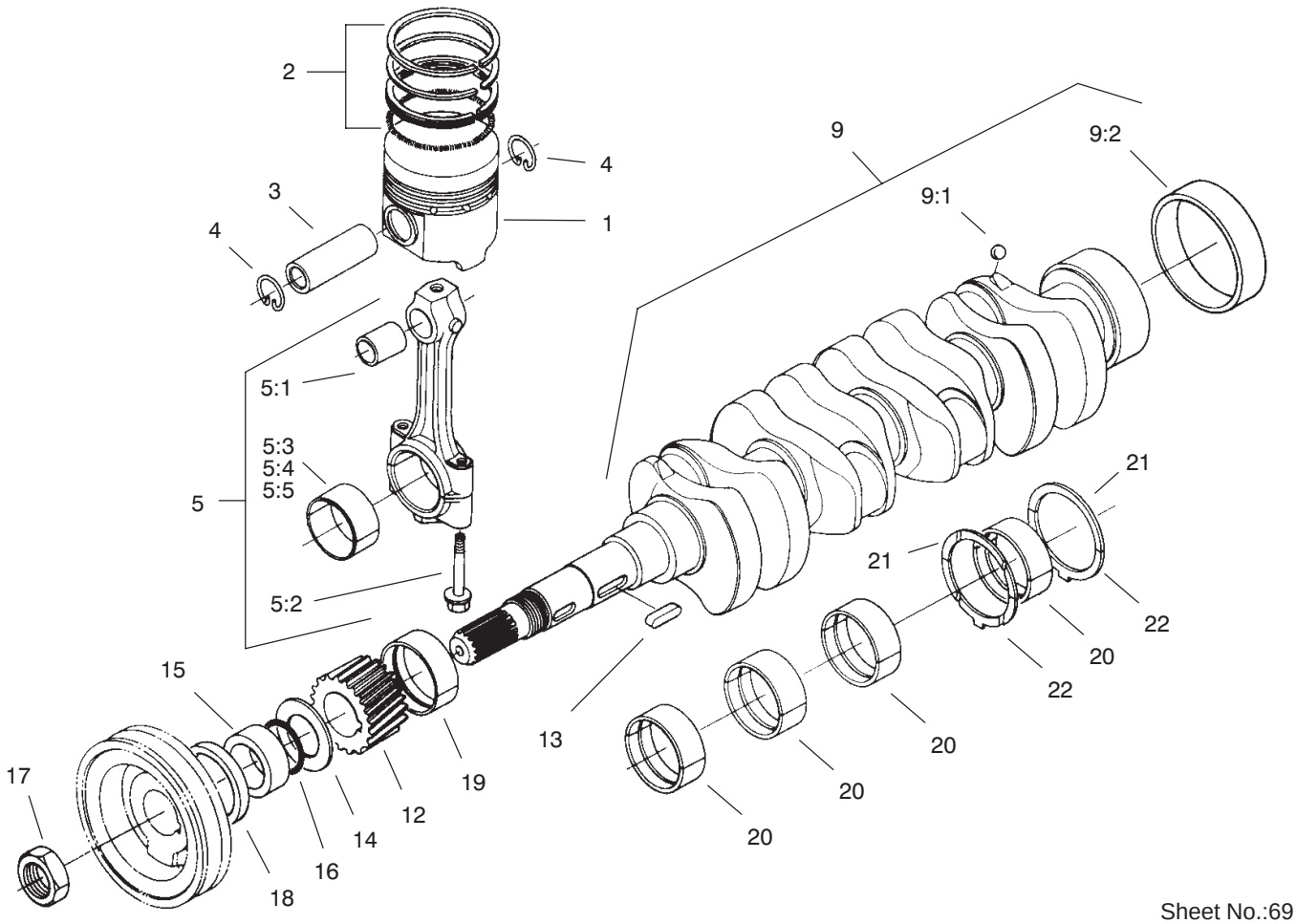


Sheet No.:68

Camshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7445	8	Tappet
2	98–7446	8	Rod–Push
3	98–7447	1	Camshaft ASM
3:1	98–7448	1	Camshaft
3:2	98–7449	1	Screw–Set
3:3	98–7450	1	Gear–Camshaft
3:4	98–7451	1	Key–Feather
3:5	98–7452	1	Stopper–Camshaft
9	98–7453	2	Bolt
10	98–7454	1	Gear–Idler, Complete
10:1	98–7455	1	Bushing–Gear, Idler
12	98–7456	1	Collar
13	98–7457	1	Collar
14	98–7458	1	Clip–Cir., External
15	98–7459	1	Shaft–Gear, Idler
16	98–7453	3	Bolt

Ref. No.	Part No.	Qty.	Description

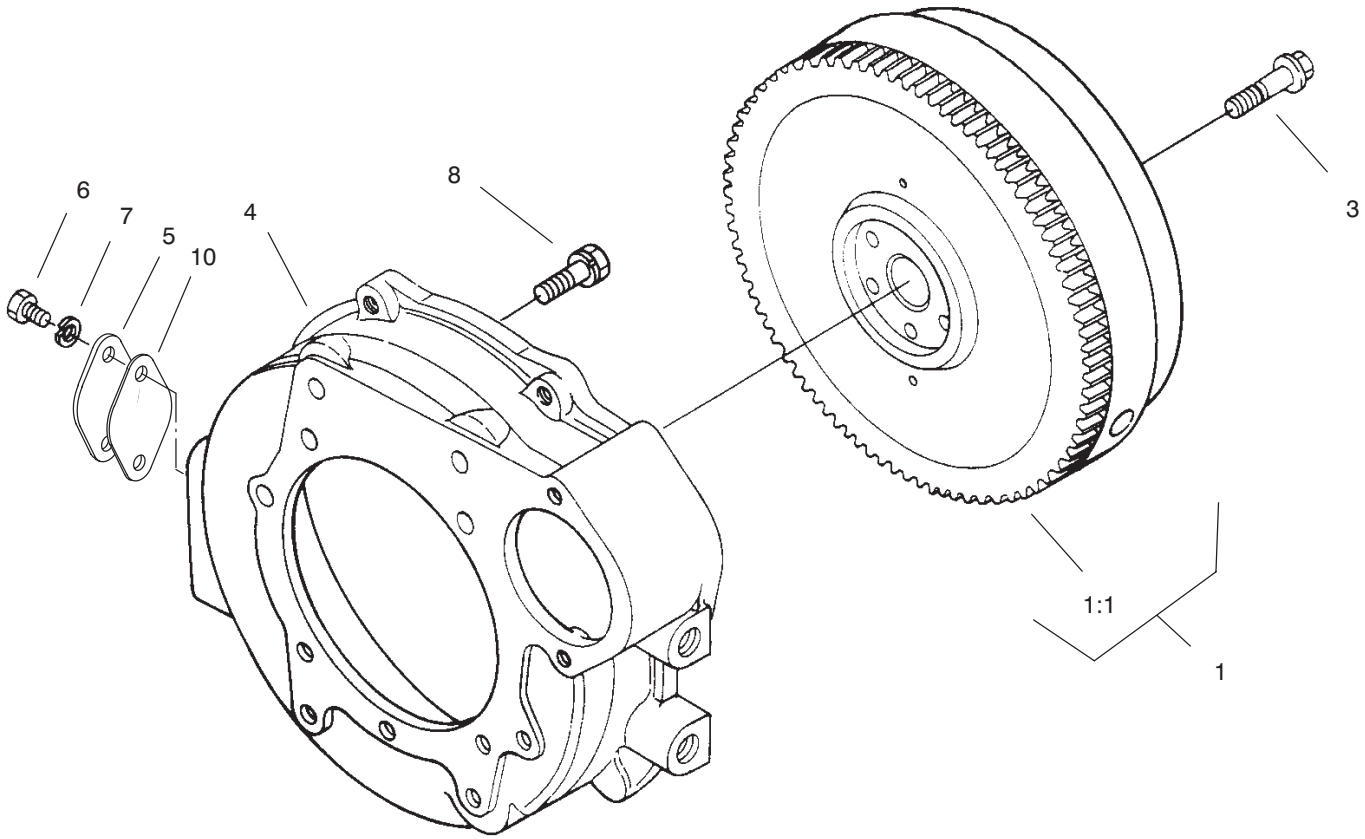


Sheet No.:69

Piston and Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7460	4	Piston
1	98–7461	4	Piston
2	98–7463	4	Piston Ring ASM
2	98–7462	4	Piston Ring ASM
3	98–7464	4	Pin–Piston
4	98–7465	8	Clip–Pin, Piston
5	98–7466	4	Connecting Rod ASM
5:1	98–7467	4	Bushing–Pin, Piston
5:2	98–7468	8	Bolt–Rod, Connecting
5:3	98–7469	4	Metal–Crankpin (STD)
5:4	98–7470	4	Metal–Crankpin (–0.20mm)
5:5	98–7471	4	Metal–Crankpin (–0.40mm)
9	98–7472	1	Crankshaft–Complete
9:1	98–7473	4	Ball
9:2	98–7474	1	Sleeve–Crankshaft
12	98–7475	1	Gear–Crankshaft
13	98–7451	1	Key–Feather
14	98–7476	1	Slinger–Oil
15	98–7477	1	Collar–Crankshaht
16	98–7478	1	O–Ring
17	98–7479	1	Nut–Crankshaft
18	98–7480	1	Seal–Oil
19	98–7481	1	Metal–Crankshaft (STD)

Ref. No.	Part No.	Qty.	Description
19	98–7482	1	Metal–Crankshaft (–0.20mm)
19	98–7483	1	Metal–Crankshaft (–0.40mm)
20	98–7484	1	Metal–Crankshaft (STD)
20	99–6862	1	Metal–Crankshaft (–0.20mm)
20	99–6863	1	Metal–Crankshaft (–0.40mm)
21	99–6864	2	Metal–Side (STD)
21	99–6865	2	Metal–Side, O/S (0.2mm)
21	99–6866	2	Metal–Side, O/S (0.4mm)
22	99–6869	2	Metal–Side, O/S (0.4mm)
22	99–6868	2	Metal–Side, O/S (0.2mm)
22	99–6867	2	Metal–Side (STD)

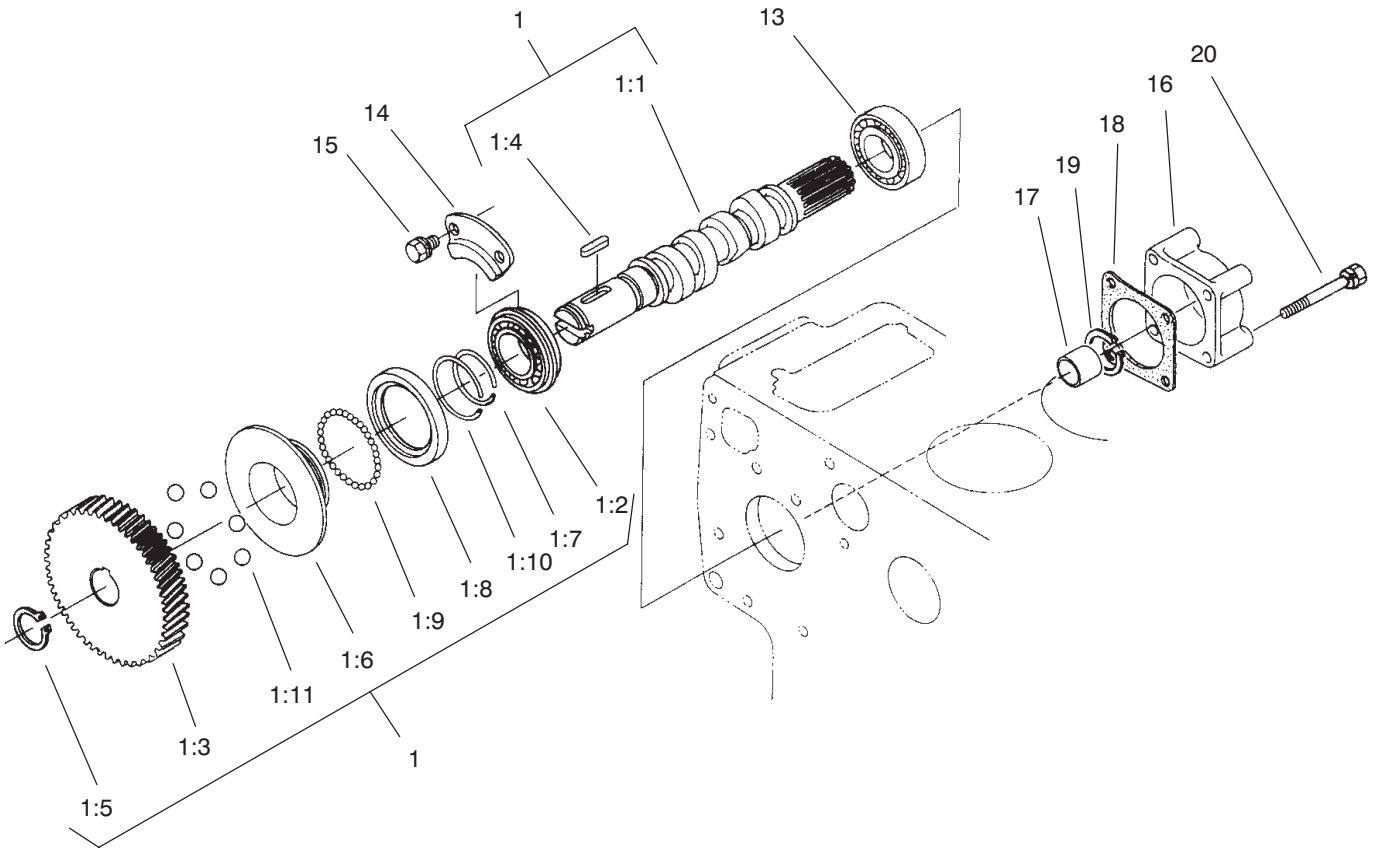


Sheet No.:70

Flywheel Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7532	1	Flywheel
1:1	98–7560	1	Gear–Ring
3	98–7573	6	Bolt–Flywheel
4	98–7559	1	Housing–Flywheel
5	98–7883	1	Cover
6	98–7884	2	Bolt
7	98–7535	2	Washer–Spring
8	98–7885	11	Bolt
10	98–7886	1	Gasket

Ref. No.	Part No.	Qty.	Description

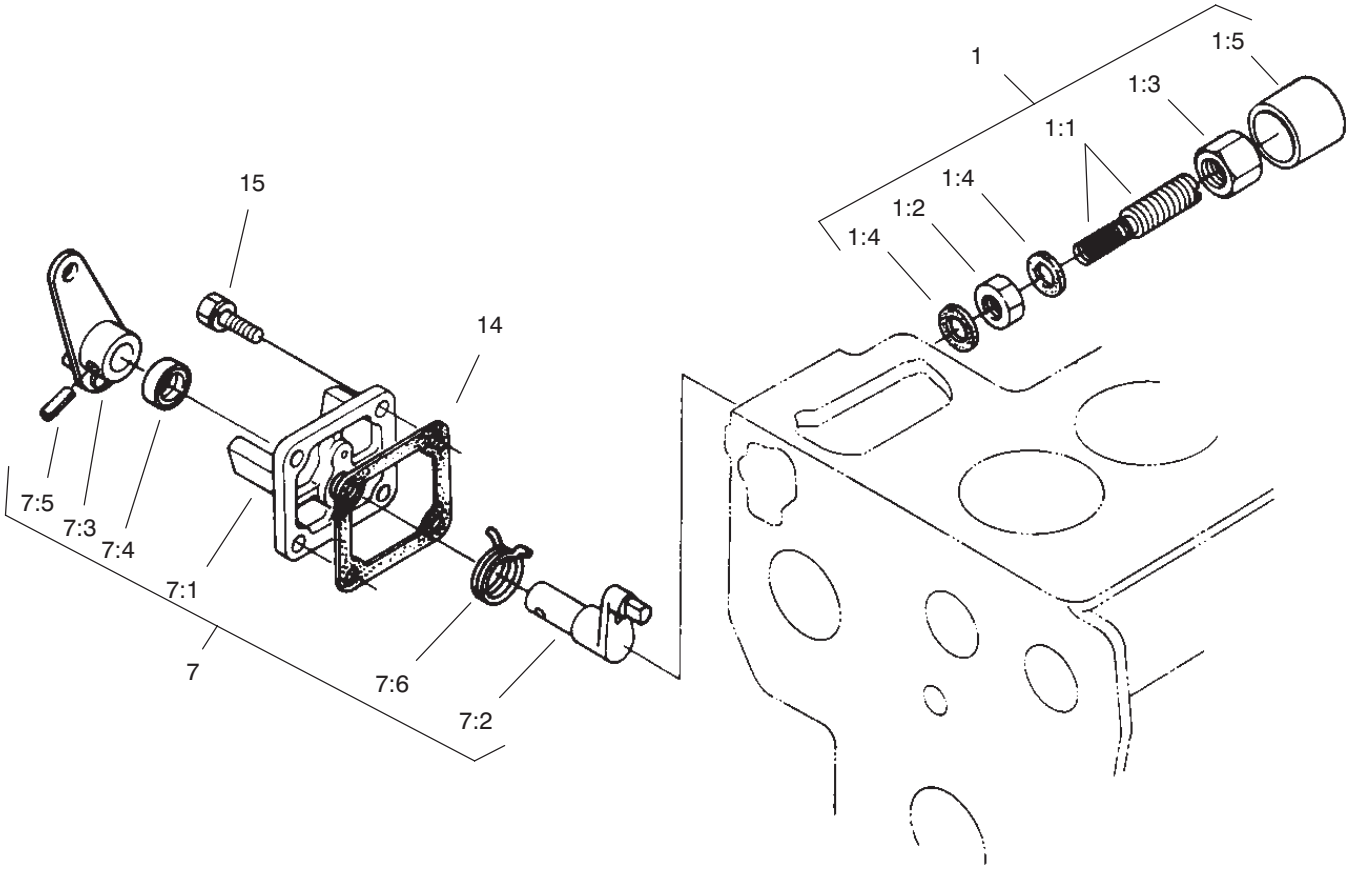


Sheet No.:71

Fuel Camshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7551	1	Fuel Camshaft ASM
1:1	98–7508	1	Camshaft–Fuel
1:2	98–7595	1	Bearing–Ball
1:3	98–7574	1	Gear–Pump, Injection
1:4	98–7575	1	Key–Feather
1:5	98–7576	1	Clip–Cir, External
1:6	98–7577	1	Sleeve–Governor
1:7	98–7578	1	Clip–Cir., Governor Sleeve
1:8	98–7579	1	Case–Ball, Governor
1:9	98–7580	39	Ball
1:10	98–7581	1	Clip–Cir.
1:11	98–7582	7	Ball
13	98–7583	1	Bearing–Ball
14	98–7584	1	Stopper
15	98–7585	2	Bolt
16	98–7586	1	Cover–Fuel, Camshaft
17	98–7587	1	Collar
18	98–7588	1	Gasket
19	98–7589	1	Clip–Cir., External
20	98–7590	4	Bolt

Ref. No.	Part No.	Qty.	Description



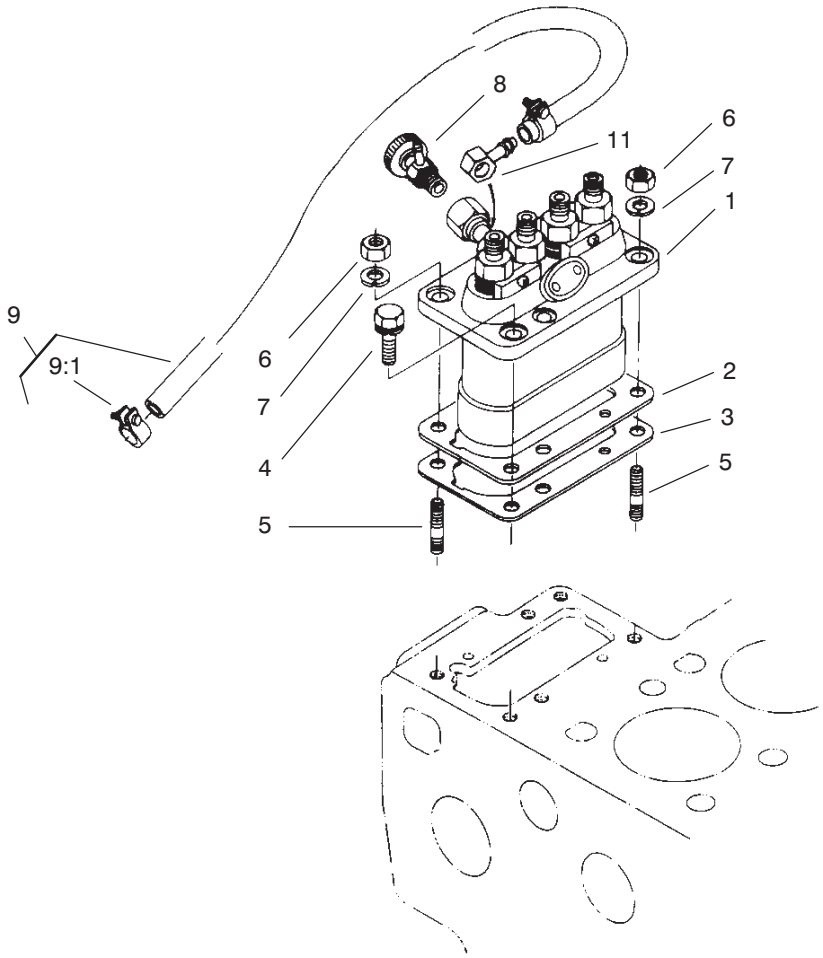
Sheet No.:72

Engine Stop Lever Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7591	1	I/D Appartus ASM
1:1	98–7592	1	Adjusting Bolt ASM
1:2	98–7593	1	Nut
1:3	98–7594	1	Nut–Cap
1:4	98–7428	2	Gasket
1:5	98–7596	1	Cap
7	98–7597	1	Engine Stop Lever ASM
7:1	98–7598	1	Cover–Pump, Injection
7:2	98–7599	1	Shaft–Lever
☆7:3		1	Lever–Stop, Engine
7:4	98–7601	1	Seal–Oil
7:5	98–7602	1	Pin–Spring
7:6	98–7603	1	Spring–Return
14	98–7604	1	Gasket–Cover, Pump
15	98–7605	4	Bolt

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately

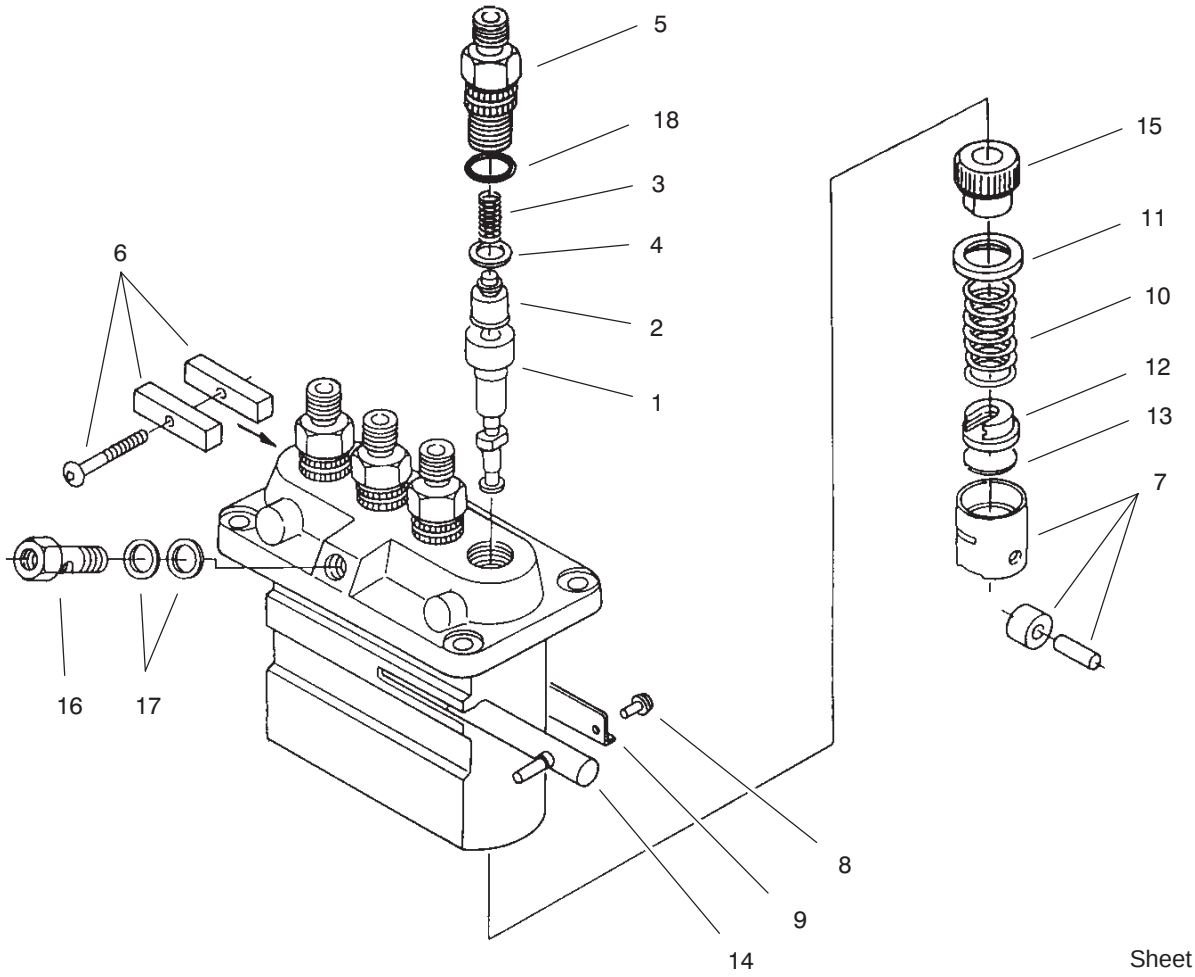


Sheet No.:73

Injection Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7606	1	Injection Pump ASM
2	98–7608	1	Shim
2	98–7607	1	Shim
3	98–7609	1	Shim–Pump, Injection
4	98–7610	4	Bolt
5	98–7533	2	Stud
6	98–7534	2	Nut
7	98–7535	2	Washer–Spring
8	98–7614	1	Jet Start Cock ASM
9	98–7615	1	Fuel Pipe ASM
9:1	98–7616	2	Clip–Pipe
11	98–7617	1	Joint

Ref. No.	Part No.	Qty.	Description

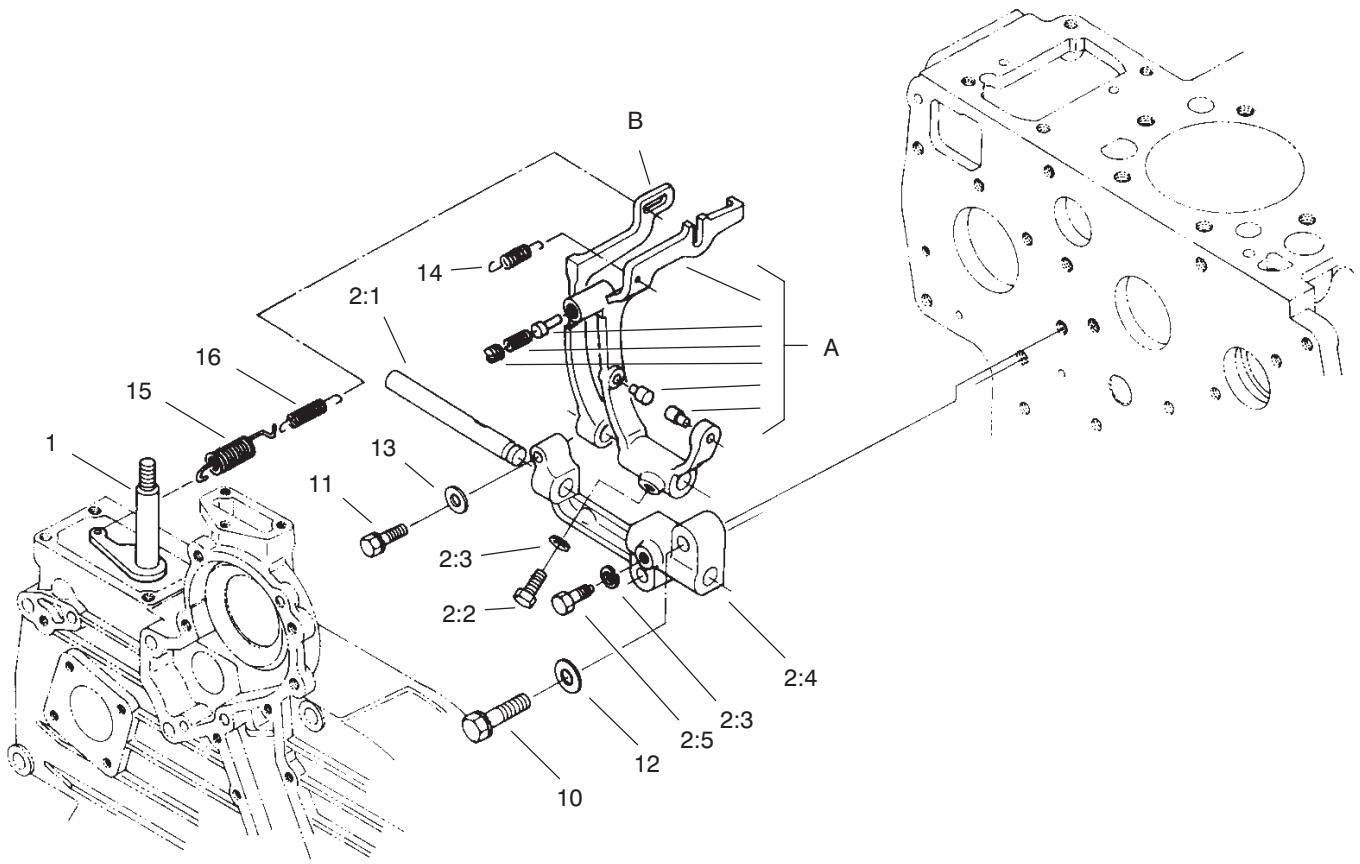


Sheet No.:A1

Injection Pump Assembly No. 98–7606

Ref. No.	Part No.	Qty.	Description
1	98–7619	4	Plunger–Pump
2	98–7620	4	Valve–Delivery
3	98–7621	4	Spring–Valve, Delivery
4	98–7622	4	Gasket–Valve, Delivery
5	98–7623	4	Holder–Valve, Delivery
6	98–7624	2	Lock Plate ASM
7	98–7625	4	Tappet ASM
8	98–7626	4	Pin–Guide, Tappet
9	98–7627	2	Plate
10	98–7628	4	Spring–Plunger
11	98–7629	4	Seat–Spring, Upper
12	98–7630	4	Seat–Spring, Lower
13	98–7631	4	Shim
14	98–7632	1	Rack–Control
15	98–7634	4	Sleeve–Control
16	98–7635	1	Screw
17	98–7636	2	Gasket
18	98–7637	4	O–Ring

Ref. No.	Part No.	Qty.	Description

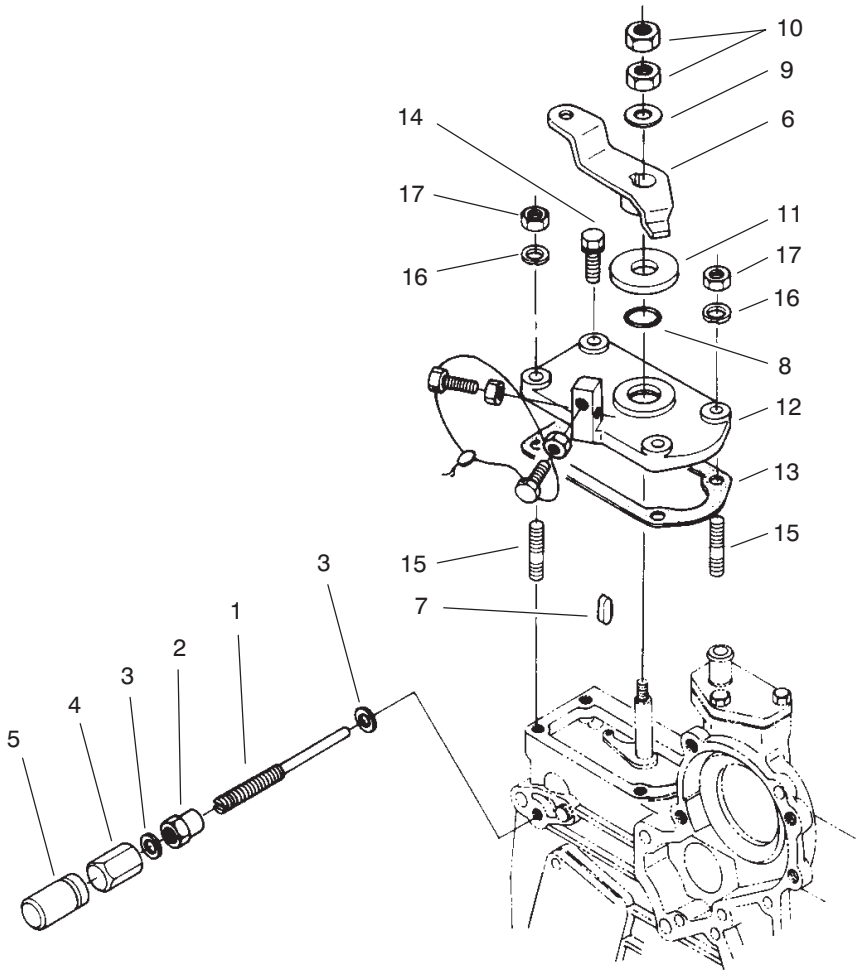


Sheet No.:75

Governor Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7638	1	Lever–Governor
2	98–7639	1	Fork Lever ASM
2:1	98–7640	1	Shaft–Lever, Fork
2:2	98–7641	1	Bolt–Shaft, Lever
2:3	98–7515	2	Washer–Spring
2:4	98–7643	1	Holder–Lever, Fork
2:5	98–7644	1	Bolt
10	98–7645	2	Bolt
11	98–7646	1	Bolt
12	98–7536	2	Washer–Plain
13	98–7648	1	Washer–Plain
14	98–7649	1	Spring–Start
15	98–7650	1	Spring–Governor
16	98–7651	1	Spring–Governor

Ref. No.	Part No.	Qty.	Description

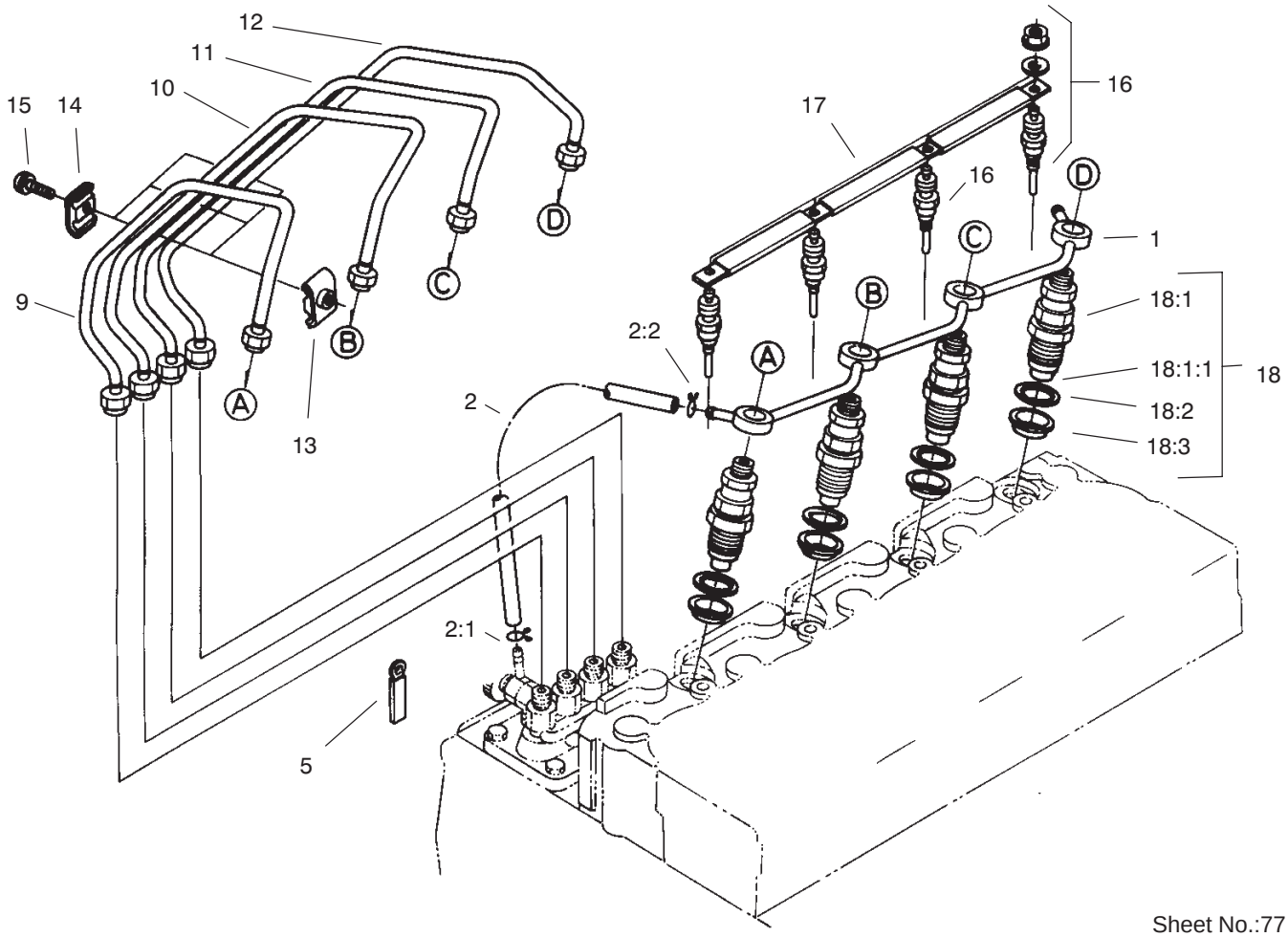


Sheet No.:76

Speed Control Plate Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7652	1	Bolt–Adjusting
2	98–7653	1	Nut
3	98–7654	2	Gasket
4	98–7655	1	Nut–Cap
5	98–7656	1	Cap
6	98–7657	1	Lever–Control, Speed
7	98–7658	1	Key–Feather
8	98–7659	1	O–Ring
9	98–7660	1	Washer–Plain
10	98–7661	2	Nut
11	98–7662	1	Collar
12	98–7663	1	Plate–Control, Speed
13	98–7664	1	Gasket
14	98–7568	2	Bolt
15	98–7571	2	Stud
16	98–7515	2	Washer–Spring
17	98–7572	2	Nut

Ref. No.	Part No.	Qty.	Description

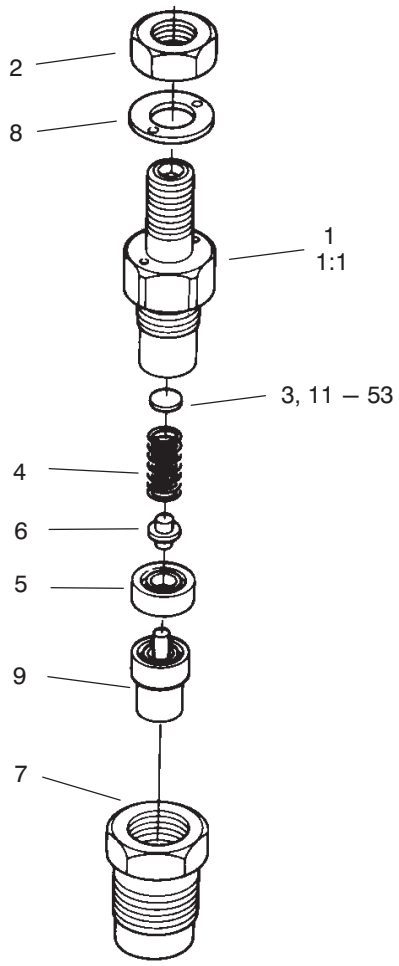


Sheet No.:77

Nozzle Holder and Glow Plug Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7669	1	Over Flow Pipe ASM
2	98–7670	1	Overflow Pipe ASM
2:1	98–7671	1	Clip–Pipe
2:2	98–7672	1	Clip–Pipe
5	98–7673	1	Clamp–Cord
9	98–7678	1	Pipe–Injection
10	98–7679	1	Pipe–Injection
11	98–7680	1	Pipe–Injection
12	98–7681	1	Pipe–Injection
13	98–7682	3	Clamp–Pipe
14	98–7683	3	Clamp–Pipe
15	98–7684	3	Screw W/Washer
16	98–7685	4	Plug–Glow
17	98–7686	1	Cord–Plug, Glow
18	98–7687	4	Nozzle Holder Kit
18:1	98–7674	4	Nozzle Holder ASM
18:1:1	98–7675	1	Piece–Nozzle
18:2	98–7676	4	Gasket
18:3	98–7677	4	Seal

Ref. No.	Part No.	Qty.	Description

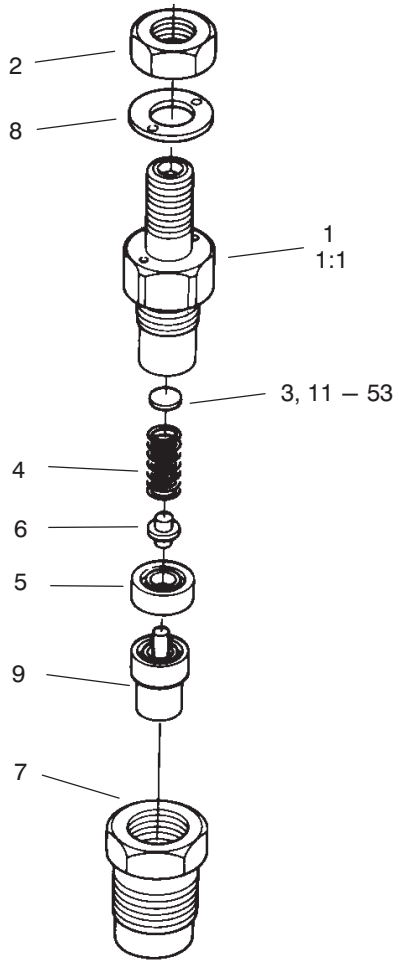


Sheet No.:78

Nozzle Holder Assembly No. 98–7688

Ref. No.	Part No.	Qty.	Description
1	98–7674	4	Nozzle Holder ASM
1:1	98–7675	1	Piece–Nozzle
2	98–7613	4	Nut
3	98–7642	4	Washer–Adjusting
4	98–7647	4	Spring–Nozzle
5	98–7665	4	Piece–Distant
6	98–7666	4	Rod–Push
7	98–7667	4	Nut–Nozzle
8	98–7668	4	Washer
9	98–7700	4	Piece–Nozzle
11	98–7642	4	Washer–Adjusting
12	98–7841	4	Washer–Adjusting
13	98–7842	4	Washer–Adjusting
14	98–7843	4	Washer–Adjusting
15	98–7844	4	Washer–Adjusting
16	98–7845	4	Washer–Adjusting
17	98–7846	4	Washer–Adjusting
18	98–7847	4	Washer–Adjusting
19	98–7848	4	Washer–Adjusting
20	98–7849	4	Washer–Adjusting
21	98–7850	4	Washer–Adjusting
22	98–7851	4	Washer–Adjusting
23	98–7852	4	Washer–Adjusting
24	98–7853	4	Washer–Adjusting
25	98–7854	4	Washer–Adjusting
26	98–7855	4	Washer–Adjusting

Ref. No.	Part No.	Qty.	Description
27	98–7856	4	Washer–Adjusting
28	98–7857	4	Washer–Adjusting
29	98–7858	4	Washer–Adjusting
30	98–7859	4	Washer–Adjusting
31	98–7860	4	Washer–Adjusting
32	98–7861	4	Washer–Adjusting
33	98–7862	4	Washer–Adjusting
34	98–7863	4	Washer–Adjusting
35	98–7864	4	Washer–Adjusting
36	98–7865	4	Washer–Adjusting
37	98–7866	4	Washer–Adjusting
38	98–7867	4	Washer–Adjusting
39	98–7868	4	Washer–Adjusting
40	98–7869	4	Washer–Adjusting
41	98–7870	4	Washer–Adjusting
42	98–7871	4	Washer–Adjusting
43	98–7872	4	Washer–Adjusting
44	98–7873	4	Washer–Adjusting
45	98–7874	4	Washer–Adjusting
46	98–7875	4	Washer–Adjusting
47	98–7876	4	Washer–Adjusting
48	98–7877	4	Washer–Adjusting
49	98–7878	4	Washer–Adjusting
50	98–7879	4	Washer–Adjusting
51	98–7880	4	Washer–Adjusting
52	98–7881	4	Washer–Adjusting

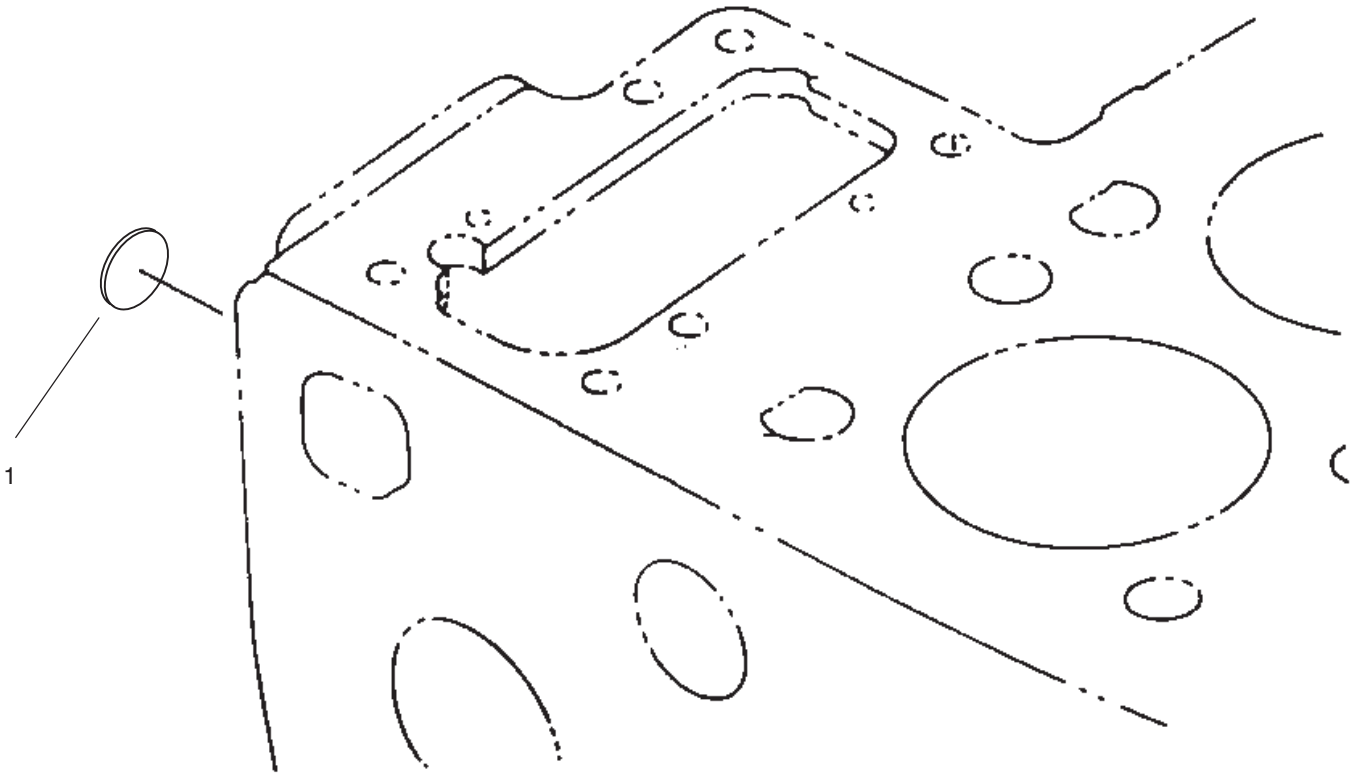


Sheet No.:78

Nozzle Holder Assembly No. 98–7688 (Continued)

Ref. No.	Part No.	Qty.	Description
53	98–7882	4	Washer–Adjusting

Ref. No.	Part No.	Qty.	Description

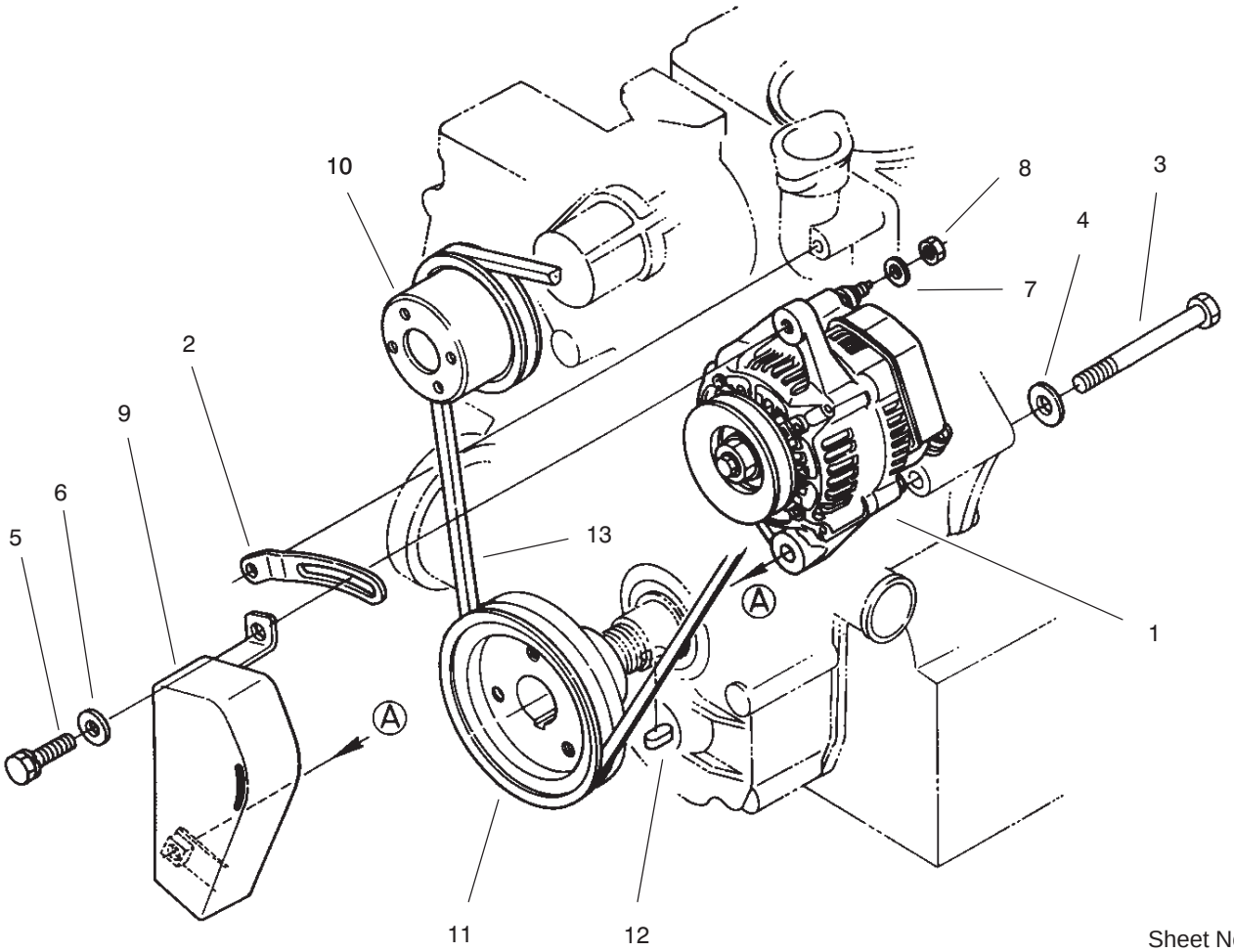


Sheet No.:79

Fuel Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	105–2883	1	Cap–Sealing

Ref. No.	Part No.	Qty.	Description

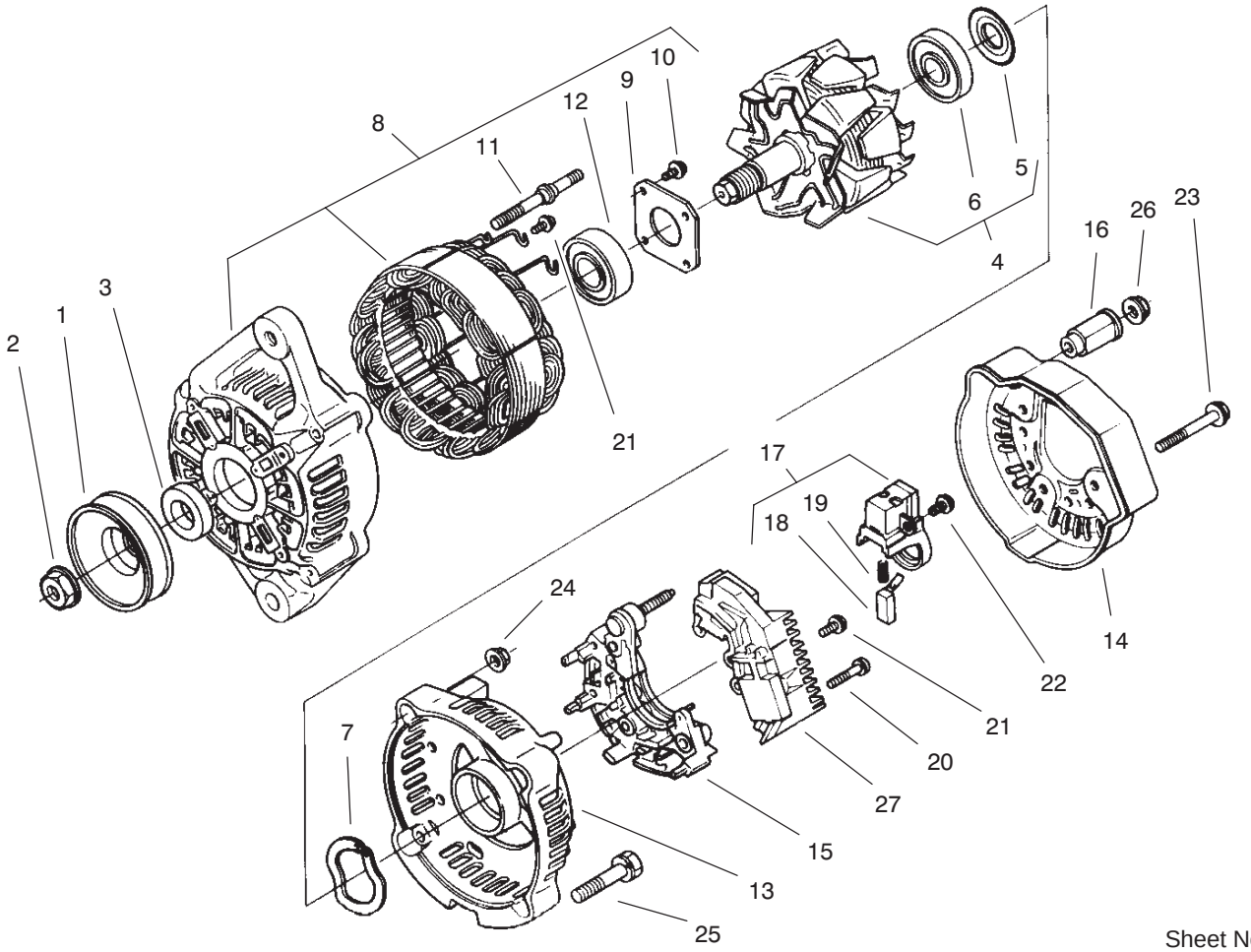


Sheet No.:80

Alternator and Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7693	1	Alternator ASM
2	98–7694	1	Bracket–Alternator
3	98–7695	1	Bolt
4	98–7696	1	Washer–Plain
5	98–7697	1	Bolt
6	98–7698	1	Washer–Plain
7	98–7699	1	Washer–Spring
8	98–7572	1	Nut
9	98–7701	1	Cover–Belt
10	98–7702	1	Pulley–Fan
11	98–7703	1	Pulley–Drive, Fan
12	98–7451	1	Key–Feather
13	98–7705	1	V–Belt

Ref. No.	Part No.	Qty.	Description

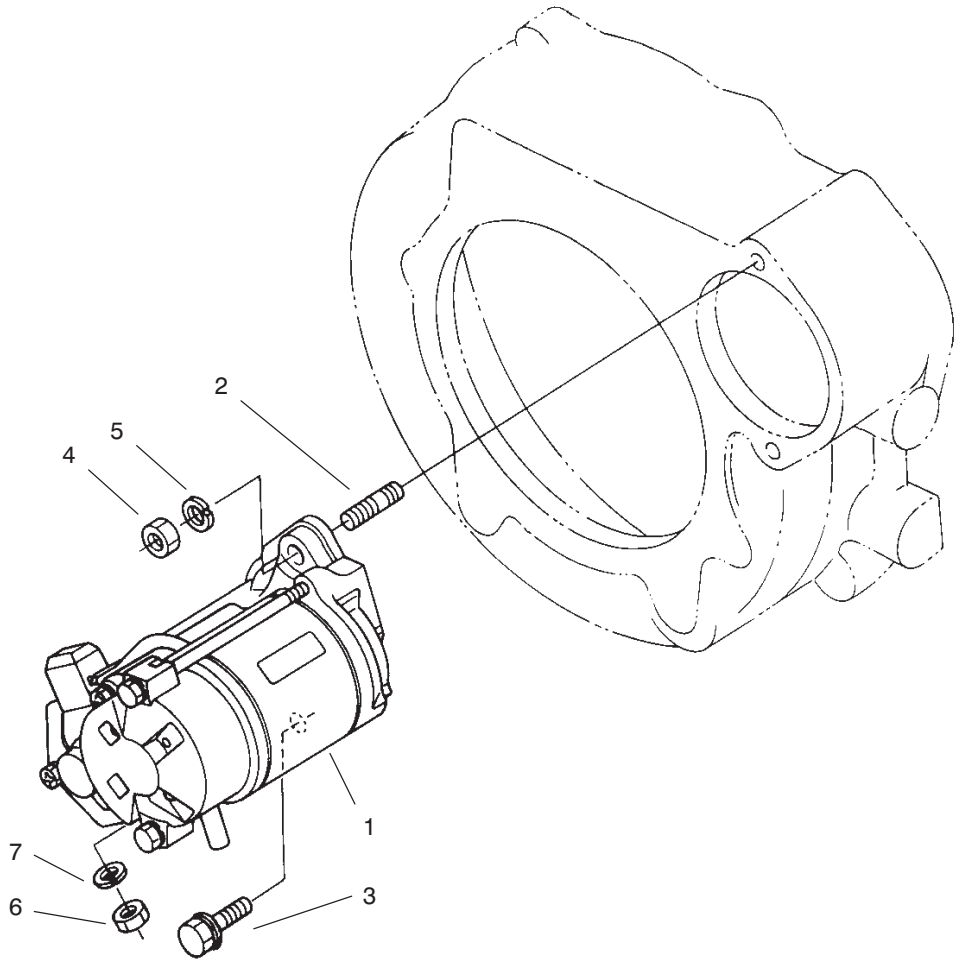


Sheet No.:A2

Alternator Assembly No. 98–7693

Ref. No.	Part No.	Qty.	Description
1	98–7707	1	Pulley–Alternator
2	98–7708	1	Nut
3	98–7709	1	Collar
4	98–7710	1	Rotor
5	98–7711	1	Cover–Bearing
6	98–7712	1	Bearing–Ball
7	98–7713	1	Washer–Thrust
8	98–7714	1	Frame–End, Drive
9	98–7715	1	Plate–Retainer
10	98–7716	4	Screw–Head, Round
11	98–7717	2	Bolt–Through
12	98–7718	1	Bearing–Ball
13	98–7719	1	Frame–End
14	98–7720	1	Cover–End
15	98–7721	1	Rectifier ASM
16	98–7722	1	Bushing–Insulation
17	98–7723	1	Holder–Brush
18	98–7724	2	Brush
19	98–7725	2	Spring–Brush
20	98–7726	2	Screw–Head, Round
21	98–7727	6	Screw–Head, Round
22	98–7728	1	Screw–Head, Round
23	98–7729	3	Bolt
24	98–7730	2	Nut
25	98–7731	2	Bolt

Ref. No.	Part No.	Qty.	Description
26	98–7732	1	Nut
27	98–7733	1	Regulator ASM

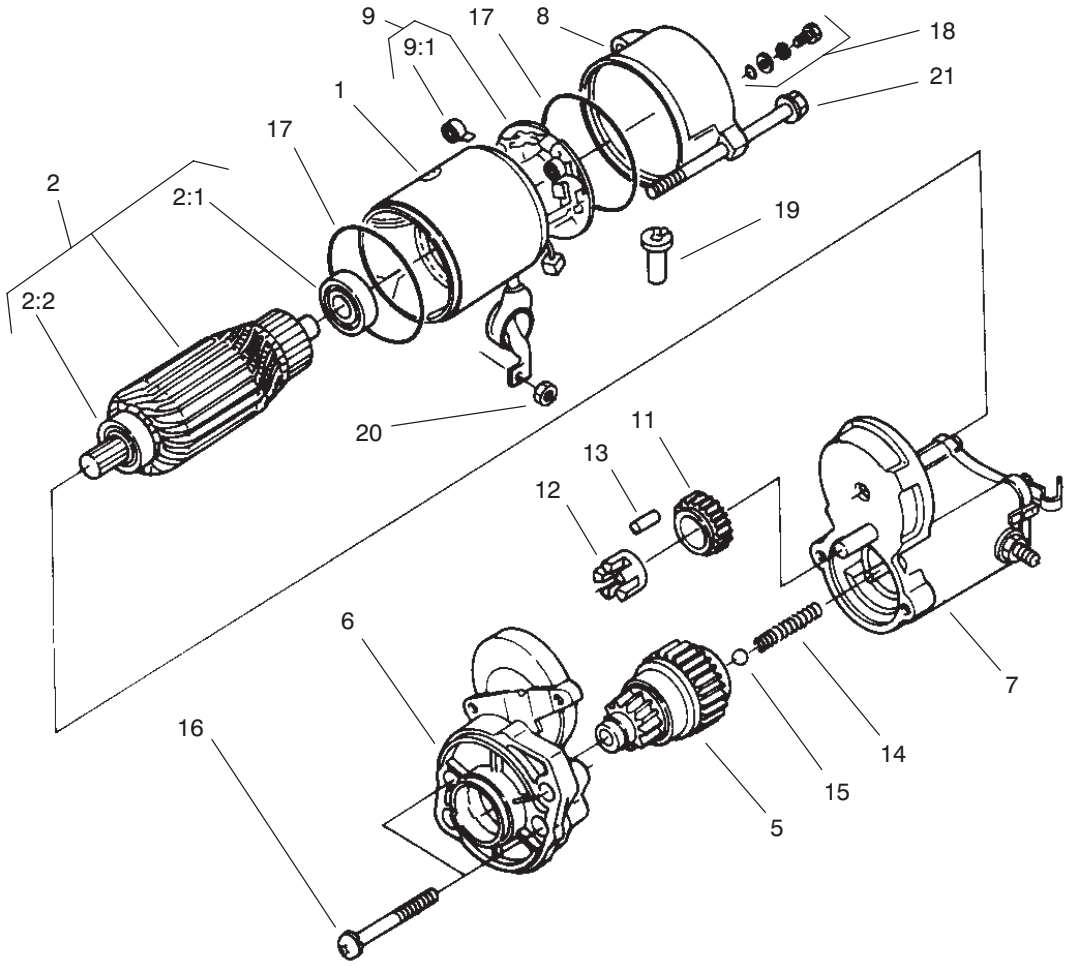


Sheet No.:82

Starter Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7734	1	Starter ASM
2	98–7735	1	Stud
3	98–7736	1	Bolt
4	98–7737	1	Nut
5	98–7738	1	Washer–Spring
6	98–7739	1	Nut
7	98–7535	1	Washer–Spring

Ref. No.	Part No.	Qty.	Description

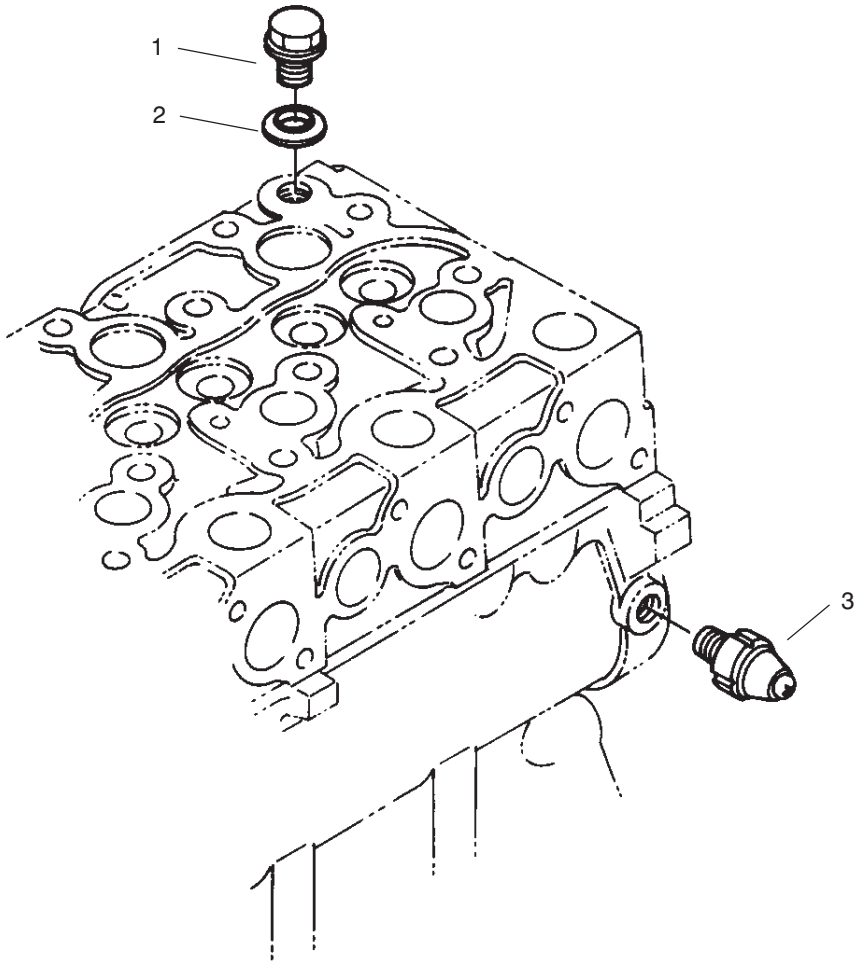


Sheet No.:A3

Starter Assembly No. 98–7734

Ref. No.	Part No.	Qty.	Description
1	98–7741	1	Yoke ASM
2	98–7742	1	Armature ASM
2:1	98–7743	1	Bearing
2:2	98–7744	1	Bearing
5	98–7745	1	Clutch–Running, Over
6	98–7746	1	Frame–End, Drive
7	98–7747	1	Assembly Switch, Magnetic
8	98–7748	1	Frame–End
9	98–7749	1	Brush Holder ASM
9:1	98–7750	4	Spring–Brush
11	98–7751	1	Gear
12	98–7752	1	Retainer
13	98–7753	5	Roller
14	98–7754	1	Spring
15	98–7755	1	Ball
16	98–7756	2	Bolt
17	98–7757	2	O–Ring
18	98–7758	2	Bolt ASM
19	98–7759	1	Pipe–Drain
20	98–7760	1	Nut–Hex
21	98–7761	2	Bolt–Through

Ref. No.	Part No.	Qty.	Description

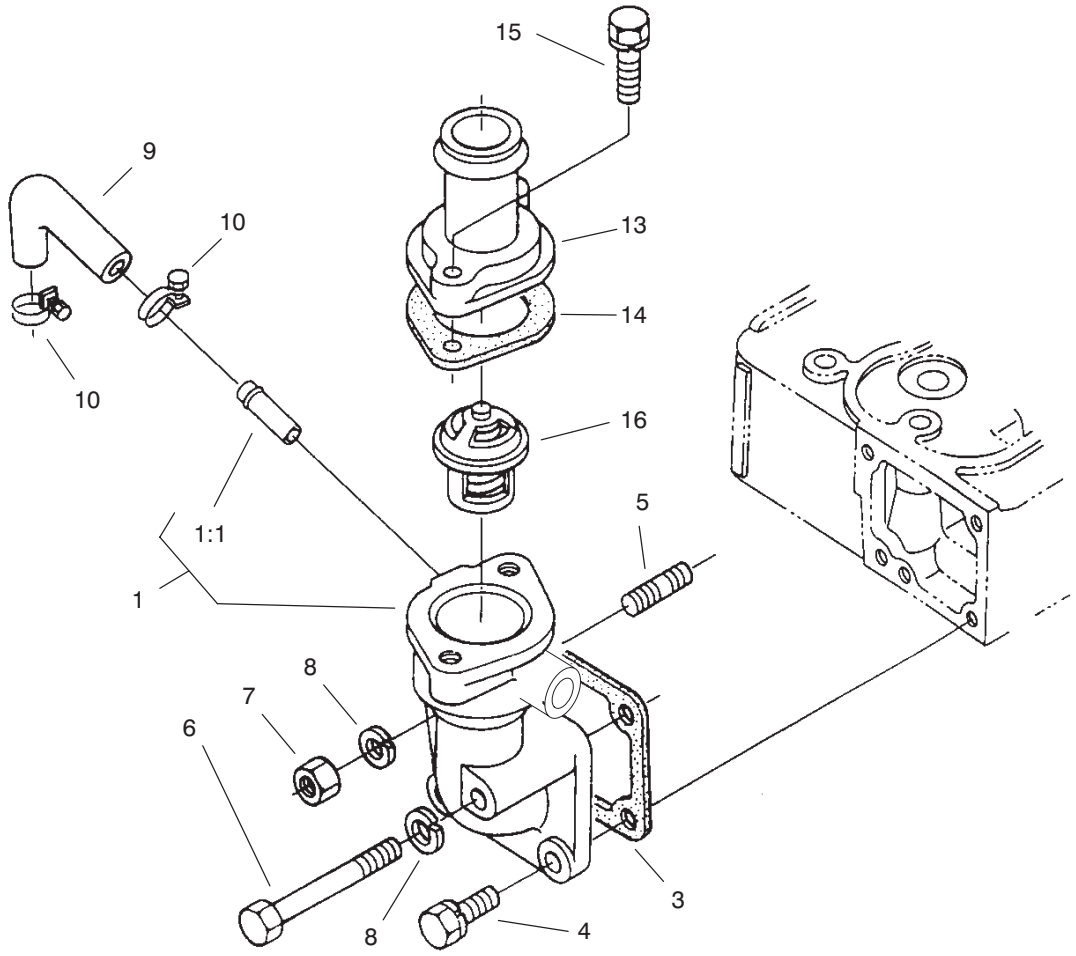


Sheet No.:84

Oil Switch and Plug Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7762	1	Plug–Glow
2	98–7763	1	Washer W/Rubber
3	98–7764	1	Switch–Oil

Ref. No.	Part No.	Qty.	Description

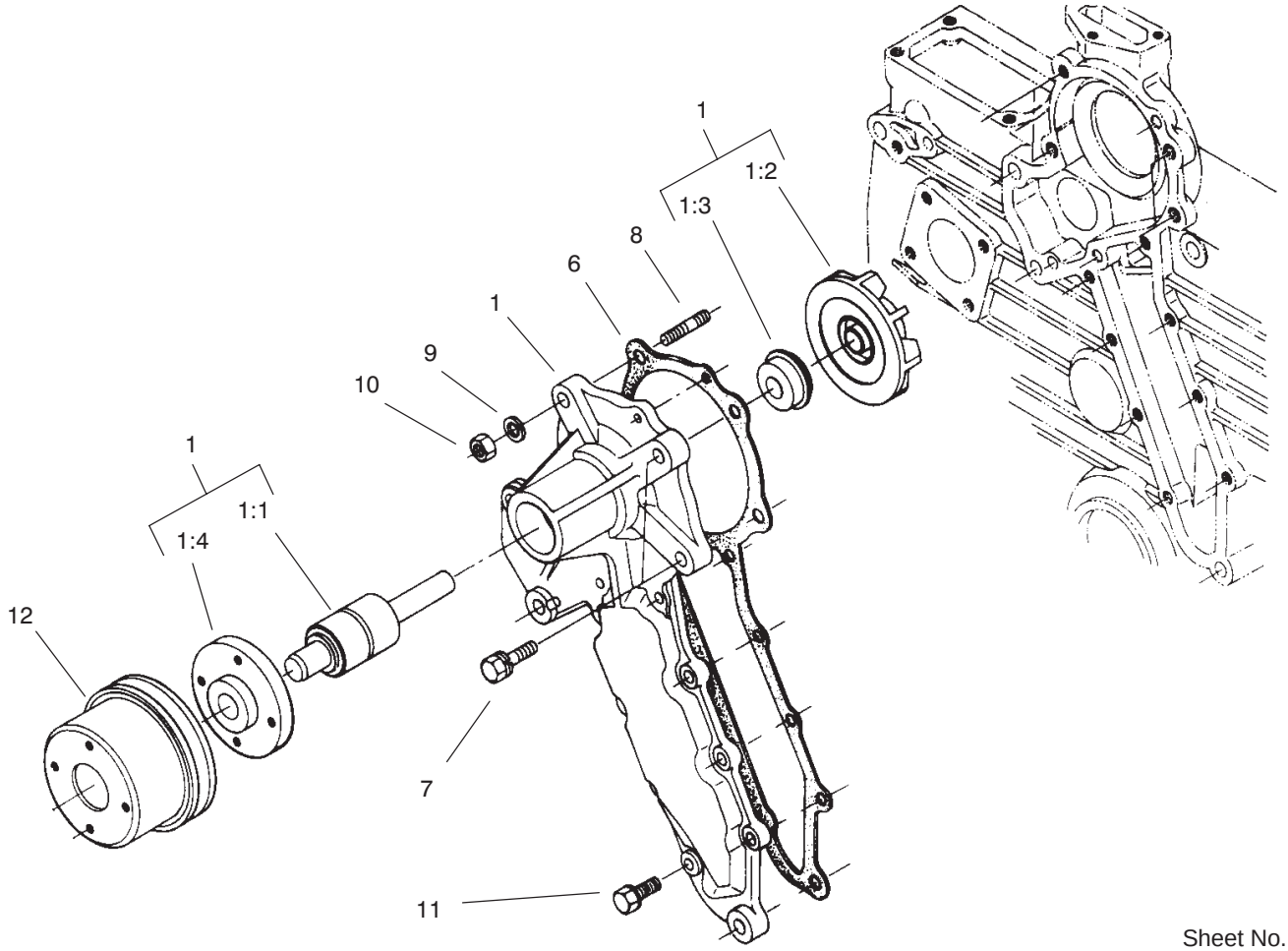


Sheet No.:85

Water Flange and Thermostat Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7765	1	Flange–Water, Complete
1:1	98–7766	1	Pipe–Return, Water
3	98–7767	1	Gasket–Flange, Water
4	98–7610	2	Bolt
5	98–7769	1	Stud
6	98–7554	1	Bolt
7	98–7534	1	Nut
8	98–7535	2	Washer–Spring
9	98–7773	1	Pipe–Return, Water
10	98–7774	2	Band–Pipe
13	98–7775	1	Cover–Thermostat
14	98–7776	1	Gasket
15	98–7777	1	Bolt
16	98–7778	1	Thermostat ASM

Ref. No.	Part No.	Qty.	Description

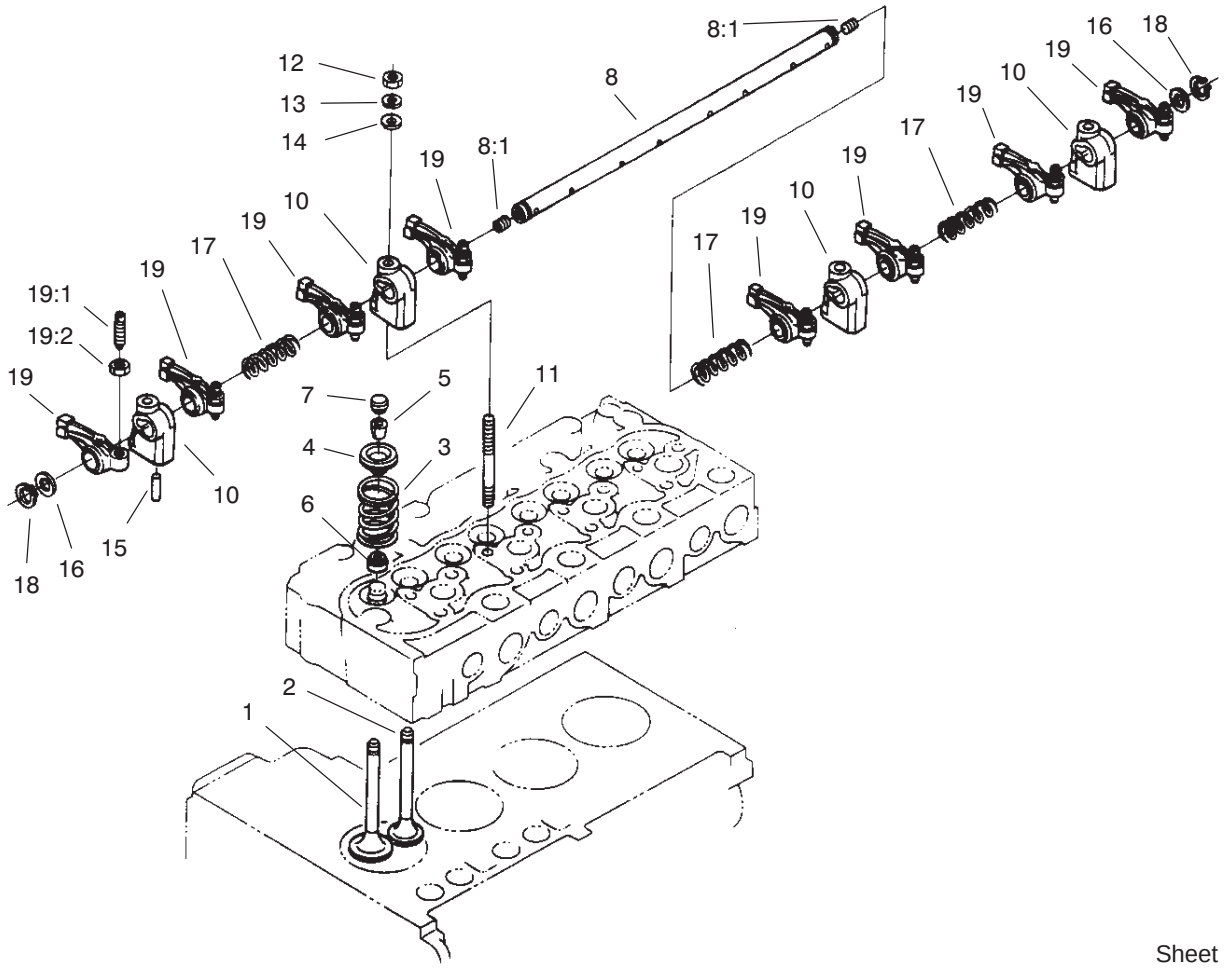


Sheet No.:86

Water Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7779	1	Water Pump ASM
1:1	98–7780	1	Bearing–Ball
1:2	98–7781	1	Impeller–Pump, Water
1:3	98–7782	1	Mechanical Seal ASM
1:4	98–7783	1	Flange–Pump, Water
6	98–7784	1	Gasket–Pump, Water
7	98–7439	2	Bolt
8	98–7786	2	Stud
9	98–7535	2	Washer–Spring
10	98–7534	2	Nut
11	98–7605	8	Bolt
12	98–7702	1	Pulley–Fan

Ref. No.	Part No.	Qty.	Description

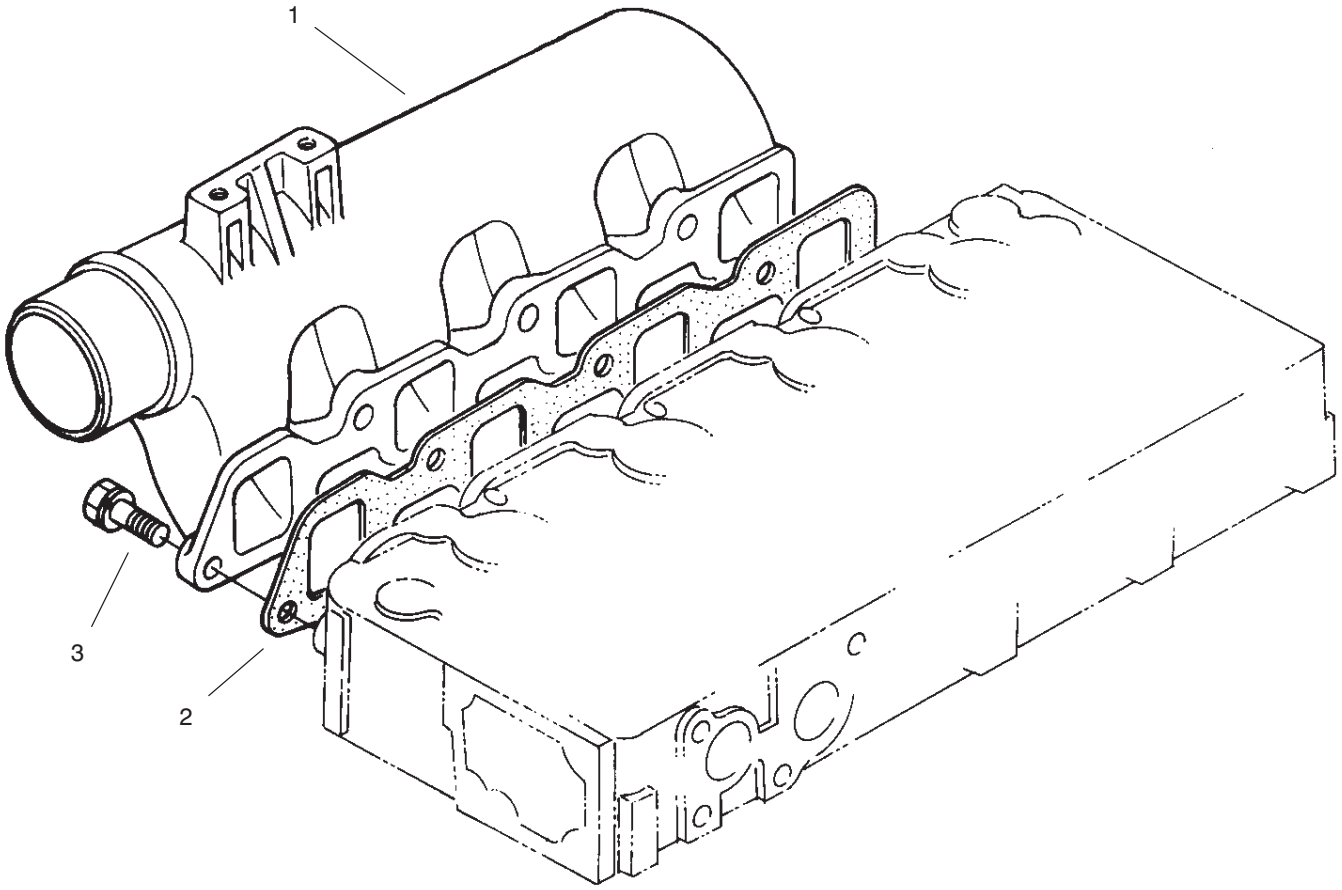


Sheet No.:87

Valve and Rocker Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7791	4	Valve–Inlet
2	98–7792	4	Valve–Exhaust
3	98–7793	8	Spring–Valve
4	98–7794	8	Retainer–Spring, Valve
5	98–7795	8	Collet–Spring, Valve
6	98–7796	8	Seal–Stem, Valve
7	98–7797	8	Cap–Valve
8	98–7798	1	Rocker Arm Shaft ASM
8:1	98–7799	2	Screw–Set
10	98–7800	4	Bracket–Arm, Rocker
11	98–7801	4	Stud
12	98–7534	4	Nut
13	98–7535	4	Washer–Spring
14	98–7536	4	Washer–Plain
15	98–7805	1	Pin–Spring
16	98–7806	2	Washer
17	98–7807	3	Spring–Arm, Rocker
18	98–7808	2	Clip–Cir., External
19	98–7809	8	Rocker Arm ASM
19:1	98–7810	1	Screw–Adjusting
19:2	98–7811	1	Nut

Ref. No.	Part No.	Qty.	Description

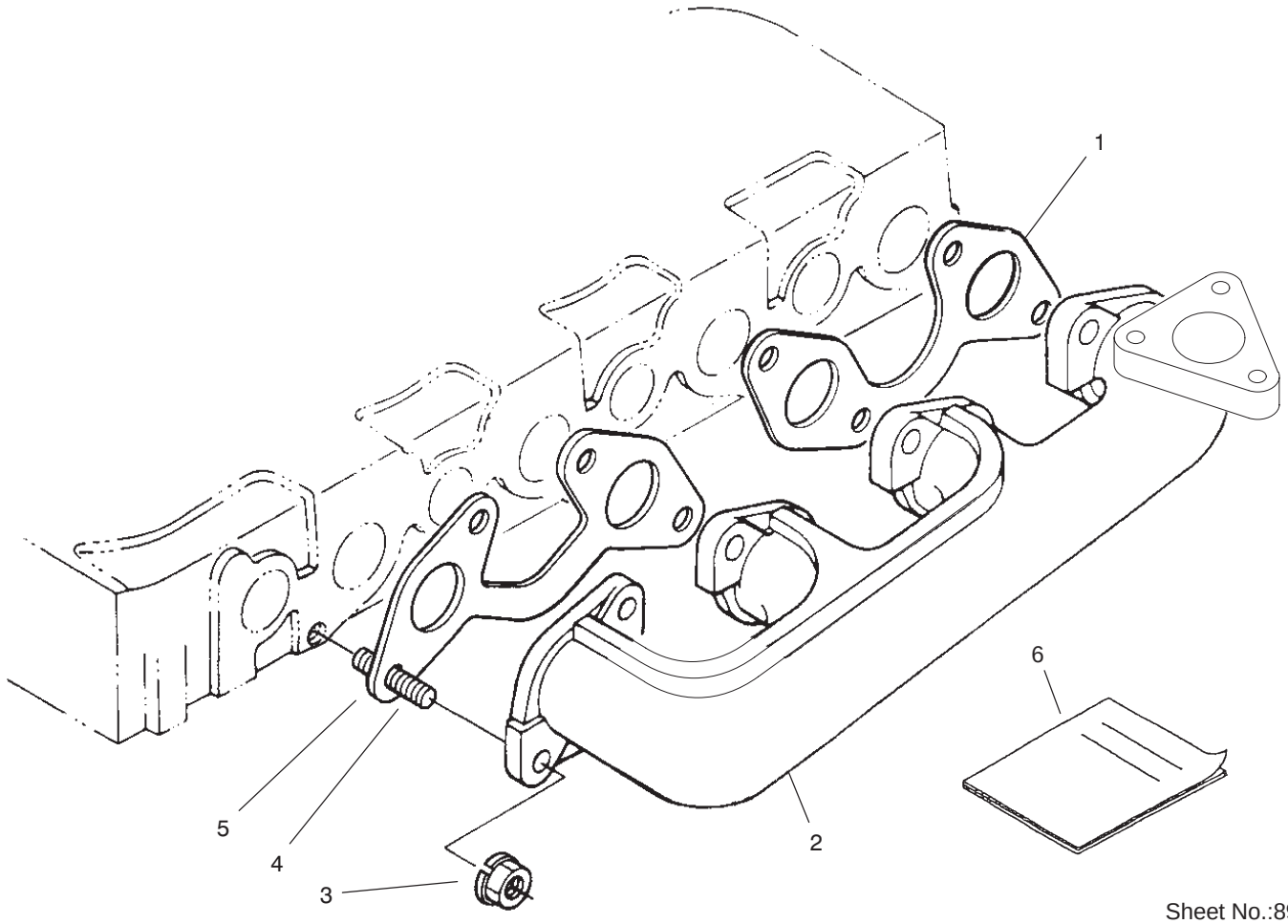


Sheet No.:88

Inlet Manifold Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7812	1	Manifold–Inlet
2	98–7813	1	Gasket–Manifold, In
3	98–7610	3	Bolt

Ref. No.	Part No.	Qty.	Description



Sheet No.:89

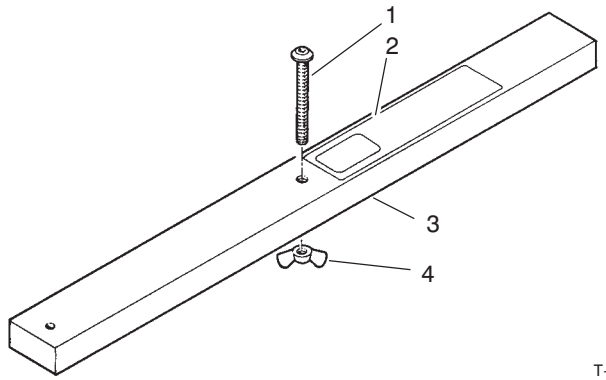
Exhaust Manifold Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7802	1	Gasket
2	98–7815	1	Manifold–Exhaust
3	100–1559	8	Nut–Manifold, Exhaust
4	100–1558	8	Stud–Manifold, Exhaust
5	98–7803	1	Gasket
6	105–3316	1	Manual–Operator, Kubota

Ref. No.	Part No.	Qty.	Description

SPECIAL TOOLS

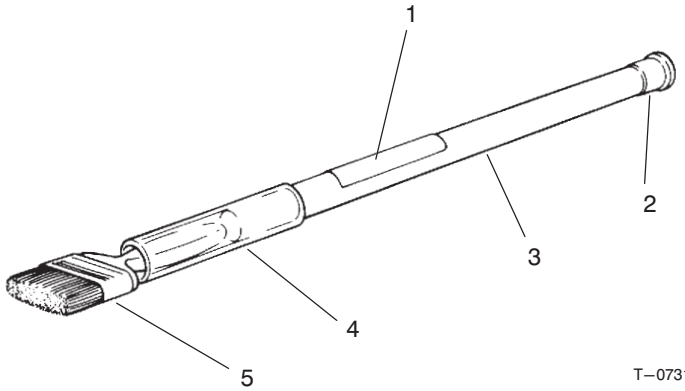
GAUGE BAR ASSEMBLY NO. 59–7900



T–0191

Ref. No.	Part No.	Description	No. Used
1	32122–54	Screw–Mach. Slot. Hd.	1
2	59–7930	Decal	1
3		Bar	1
4	32103–3	Nut–Wing	1

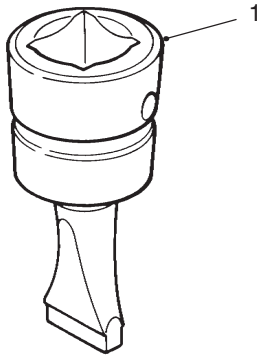
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



T–0731

Ref. No.	Part No.	Description	No. Used
1	12–9140	Decal	1
2	2410–18	Plug	1
3	29–9080	Handle	1
4	29–9090	Hose–Handle	1
5	36–4310	Brush	1

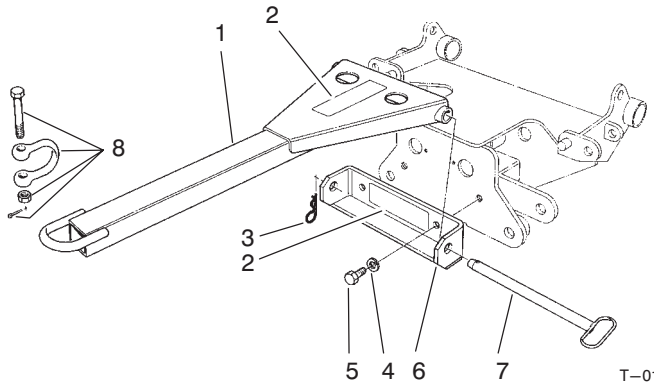
BEDKNIFE SCREW TOOL NO. *TOR510880



T–0729

Ref. No.	Part No.	Description	No. Used
1	51–0880	Tool–Bedknife Screw	1

TOW BAR ASSEMBLY NO. 58–7020



T–0190

Ref. No.	Part No.	Description	No. Used
1	12–7579	Tow Bar (Incl. Ref. #2)	1
2	63–4380	Decal–Instruction	2
3	60–4150	Pin–Retaining	1
4	48–8070	Washer–Lock	2
5	48–7830	Screw–HH	2
6	12–7589	Asm–Tow Bar Bracket (Incl. Ref. #2)	1
7	60–4120	Pin–Tow Bar	1
8	60–4480	Asm–Shackle	1

*Obtain these items directly from OTC 2013 4th St. Owatonna, MN. 55060 1–800–533–0492 (in Minnesota and Canada 1–507–455–7050) Fax. 507–455–7011.

Maintenance Record

Date								

Maintenance Record

Date								

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Date								


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