Form Number 3350-409

Reelmaster® 2000-D

Model No. 03428 - 240000001 and up.

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
CARR. . . . . carriage
DEG. . . . . degrees
FH. . . . . flat head
GA. . . . . gauge
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HS. . . . . hex
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
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard
TAP. . . . . self tapping
TTH. . . . . torx truss head
WH. . . . . wing head

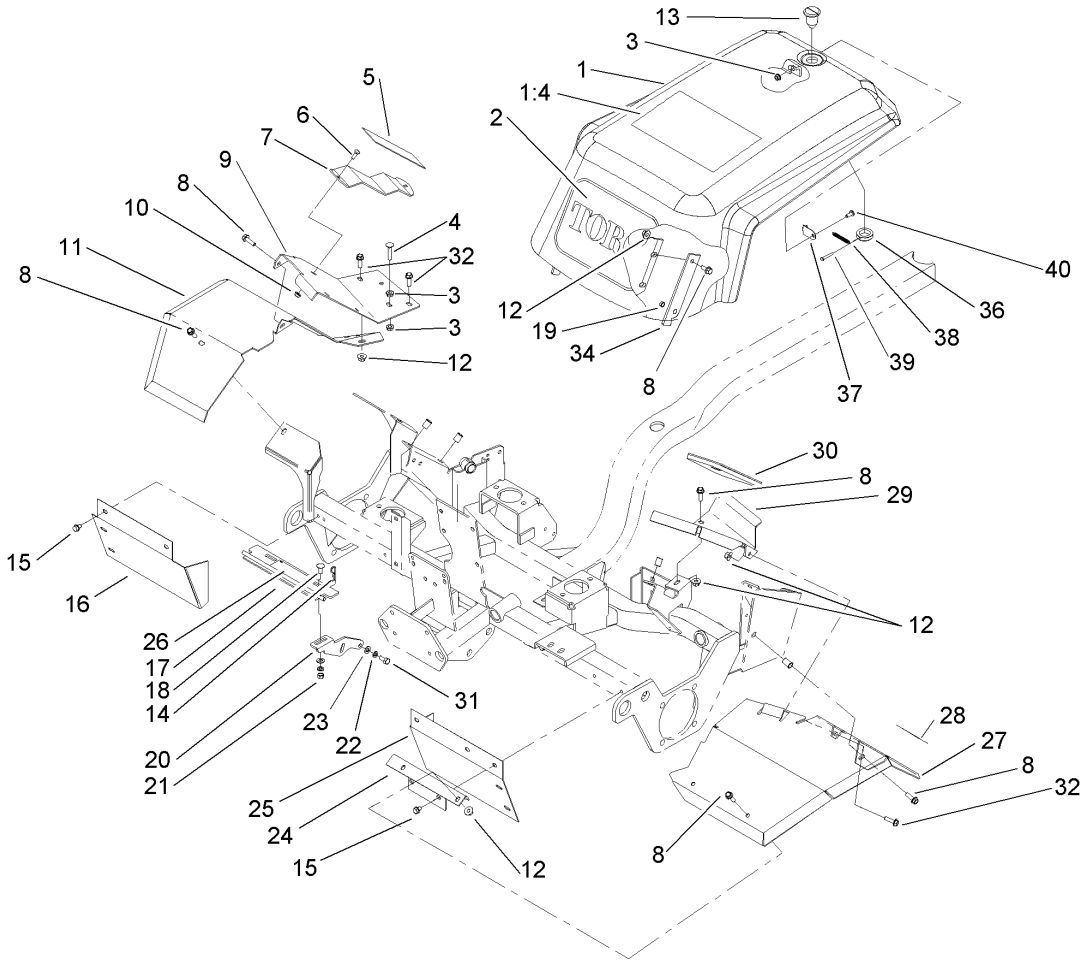
Footnotes

❶ Not illustrated

❷ Not serviced separately

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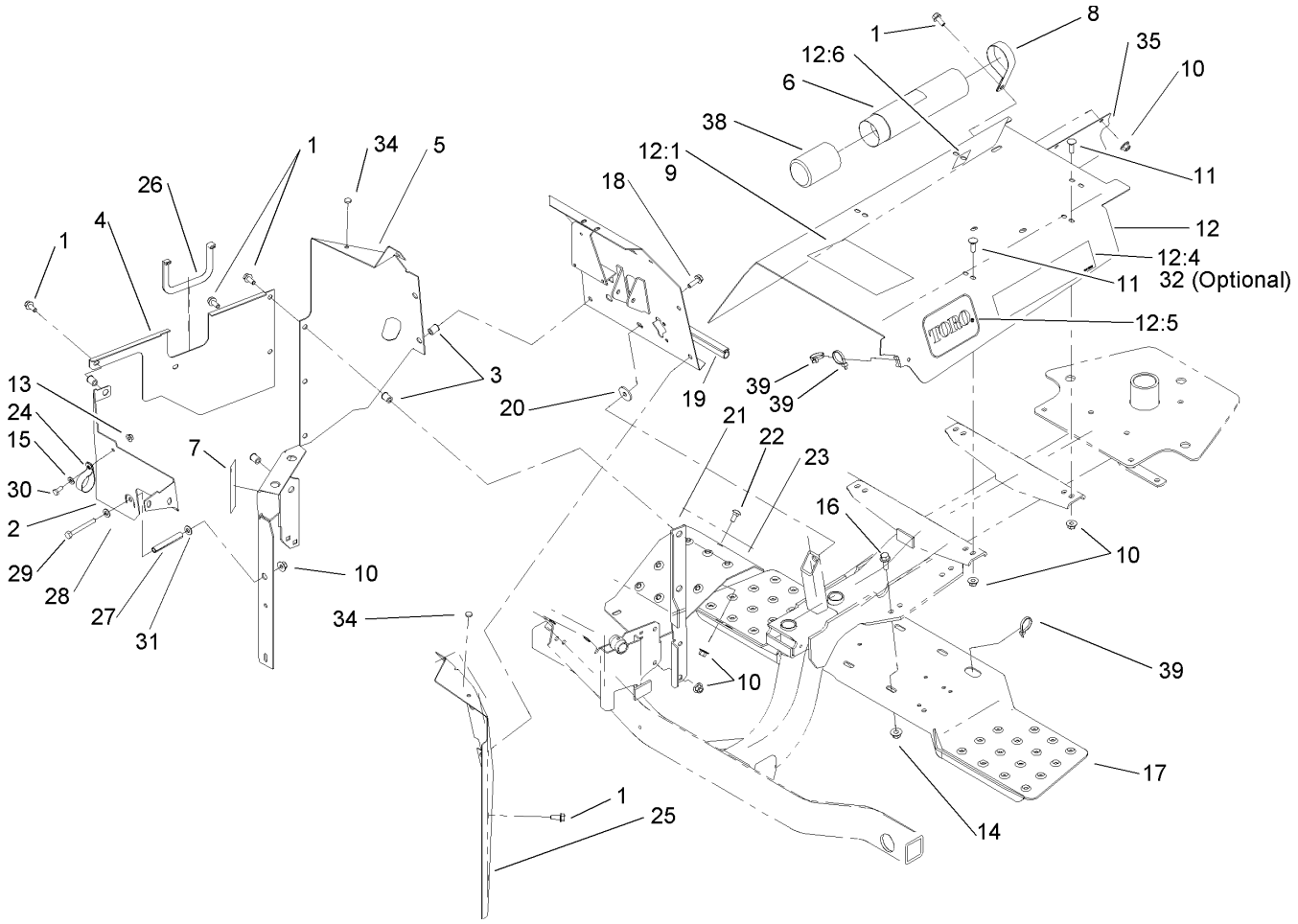
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Hood Assembly

Ref	Part No.	Qty.	Description
1	104-3987	1	Hood ASM
1:4	106-8109	1	Decal
2	66-1210	1	Decal
3	32128-20	3	Nut-HF
4	3230-27	1	Screw-CARR
5	76-2260	1	Pad-Footrest
6	3229-1	2	Screw-CARR
7	76-2200-03	1	Footrest-Pedal, Tract
8	3234-5	13	Screw
9	93-6779-03	1	Footrest-RH
10	32128-33	3	Nut-HF
11	93-6778-01	1	Fender-RH
12	32128-44	16	Nut
13	104-4074	1	Stud-Latch
14	3290-467	1	Pin-Hair
15	32104-82	5	Screw-HHF
16	104-4062-01	1	Shield-Front, RH
17	93-6780-03	1	Hinge
18	3230-2	2	Bolt-CARR
19	256-320	2	Bushing-Nylon
20	93-6742-03	2	Bracket-Hood, Pivot
21	3217-6	2	Nut-Hex
22	3253-4	6	Washer-Lock
23	3256-23	6	Washer-Flat

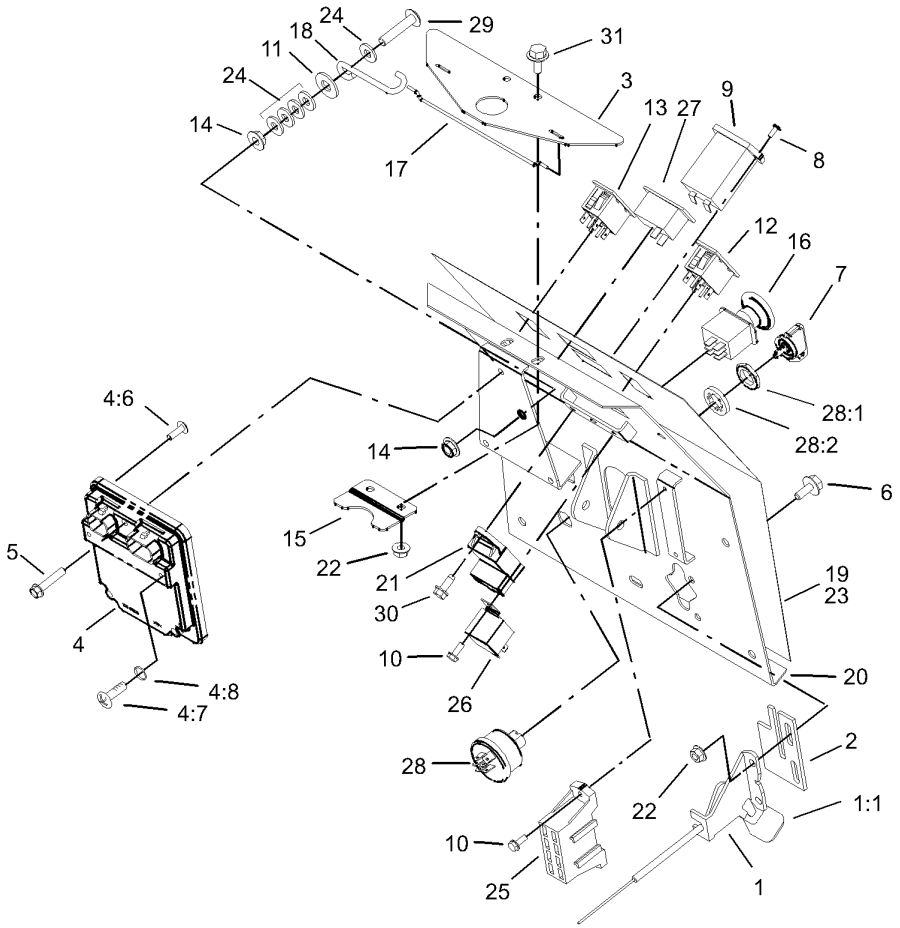
Ref	Part No.	Qty.	Description
24	83-8510-01	1	Bracket-Fender, Left
25	83-9800-01	1	Grass Shield-Front, LH
26	94-5056	1	Decal
27	93-6776-01	1	Fender-LH
28	93-7267	1	Decal-Brake
29	83-9710-03	1	Footrest-Pedal, Tract
30	83-9840	1	Pad-Foot
31	322-3	4	Screw-HH
32	3234-17	5	Screw-HHF
34	104-3968-03	2	Bracket-Hood
36	104-4078	1	Collar-Latch
37	104-4079	1	Bracket-Spring
38	104-4080	1	Spring-Extension
39	3290-360	1	Screw-HH
40	3290-145	1	Screw
❶99	3290-379	2	Tie-Cable



Skirt and Body Panel Assembly

Ref	Part No.	Qty.	Description
1	3234-5	16	Screw
2	104-3865-03	1	Panel-Front, RH
3	32148-7	8	Insert-Nut
4	104-4063-03	1	Front Panel ASM
5	104-3932-03	1	Panel-Rear, Right
6	104-7050	1	Housing-Manual
7	106-8120	1	Decal-Danger, Ce
8	2412-133	2	R-Clamp
9	106-8119	1	Decal-Warning, Ce
10	32128-44	13	Nut
11	3230-2	4	Bolt-CARR
12	104-3916	1	Skirt ASM
12:1	104-4096	1	Decal-Warning
12:4	104-3988	2	Decal
12:5	104-3989	2	Decal
12:6	105-4674	1	Decal-Noise, Ce
13	32128-33	1	Nut-HF
14	32128-43	4	Nut-Flange
15	3256-22	1	Washer-Flat
16	3234-11	4	Screw-HHF
17	93-6868-03	1	Step-Foot
18	3234-17	1	Screw-HHF
19	76-6471	1	Strip-Seal, Firewall
20	62-7170	1	Spacer-Rubber

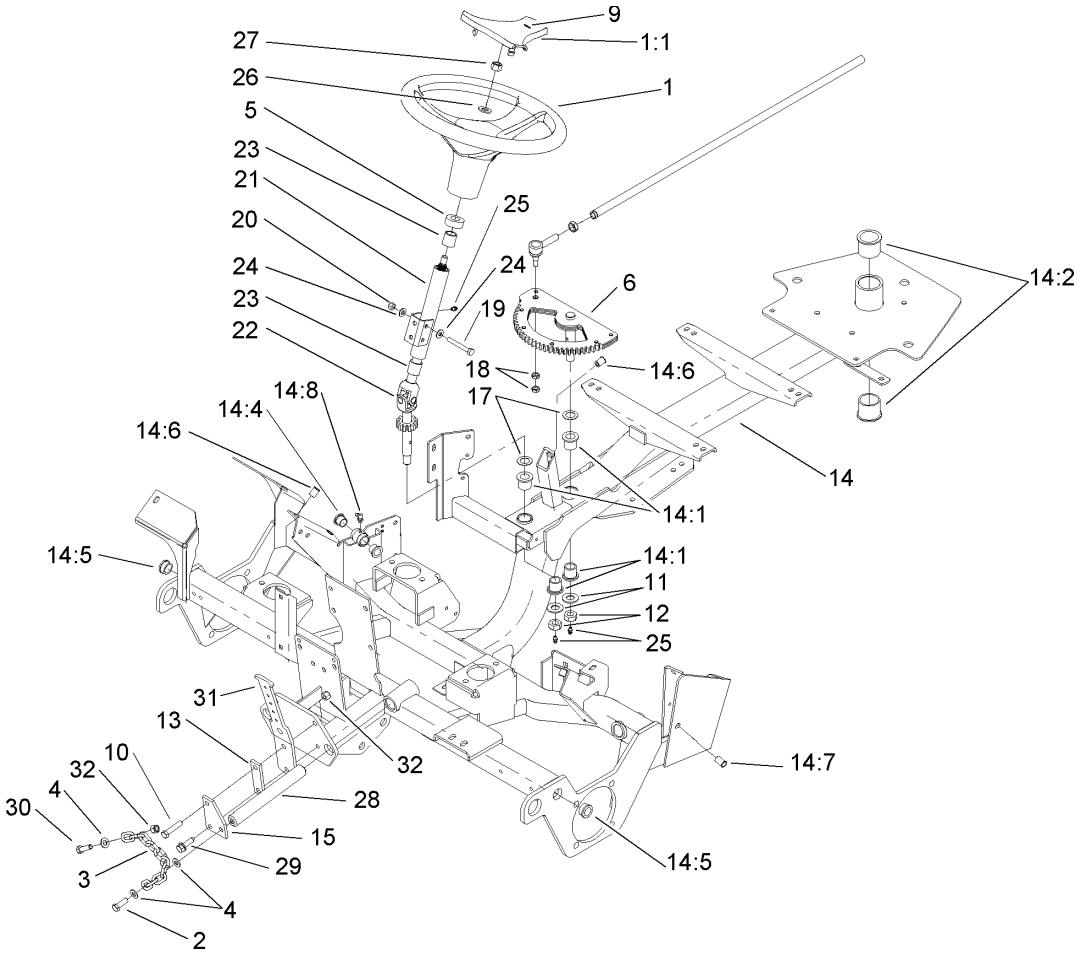
Ref	Part No.	Qty.	Description
21	104-4009-03	1	Angle-Right
22	3230-1	1	Bolt-CARR
23	93-6938-03	1	Shield-Footrest
24	2412-74	1	R-Clamp
25	93-6732-03	1	Panel-Rear, Left
26	104-4060	1	Trim
27	93-6908	1	Spacer-Split
28	3256-23	1	Washer-Flat
29	322-23	1	Screw-HH
30	321-3	1	Screw-HH
31	87-8640	1	Washer-Flat
32	104-4014	1	Decal-Sport, Reelmaster
34	104-4098	2	Seal-Foam
35	104-4086-01	1	Shield-Muffler
38	104-7048	1	Cap-Housing
39	3290-379	3	Tie-Cable



Instrument Panel Assembly

Ref	Part No.	Qty.	Description
1	104-3967	1	Cable-Control, Throttle
1:1	66-0120	1	Knob
2	93-6743	1	Stop-Throttle
3	104-4075-03	1	Plate-Latch
4	105-8505	1	Standard Control Module
❷4:6		7	Screw-PPH
❷4:7		2	Screw-PPH
❷4:8		2	O-Ring
5	32144-110	3	Screw-HWH
6	3234-4	2	Screw-HHF
7	63-8360	2	Key-Ignition
8	32144-18	2	Screw-HH
9	75-6820	1	Hourmeter
10	32144-1	3	Screw-Taptite
11	3256-4	1	Washer-Flat
12	100-8070	1	Lamp-Warning
13	100-8071	1	Lamp-Warning
14	32128-44	2	Nut
15	104-4076-03	1	Plate-Spring, Keeper
16	93-9998	1	Switch-PTO
17	104-4077	1	Wire-Form
18	94-5973	1	Hook
19	104-3991	1	Decal
20	104-3864-03	1	Panel-Instrument

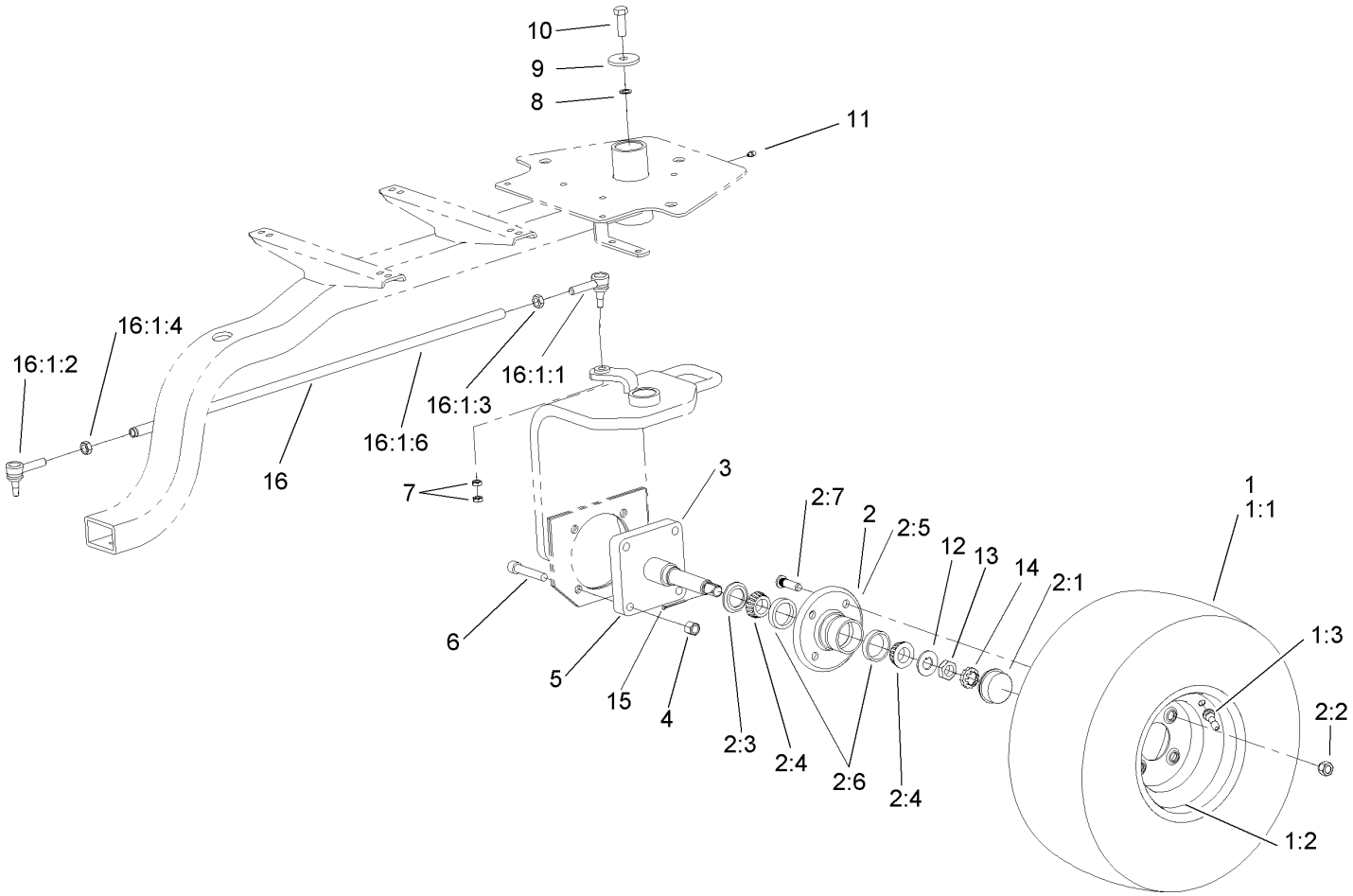
Ref	Part No.	Qty.	Description
21	99-9666	1	Module
22	32128-33	4	Nut-HF
23	104-3994	1	Decal
24	3256-2	5	Washer-Flat
25	104-4064	1	Harness-Wire, Main
❶25:1	218-578	1	Fuse-10 Amp
❶25:2	109355	1	Fuse-15 Amp
❶25:3	104-4022	1	Resistor-75 Ohm
❶25:4	94-6710	1	Fuse-Blade, 2 Amp
26	99-7435	1	Relay-Power
27	104-4071	1	Light-Indicator, Amber
28	104-2541	1	Switch-Key
28:1	218-461	1	Nut-HH
28:2	3254-5	1	Washer-Tooth
29	322-41	1	Screw-HH
30	32144-10	1	Screw-HWH
31	3234-13	2	Screw-HHF



Steering Assembly

Ref	Part No.	Qty.	Description
1	98-1471	1	Wheel-Steering
1:1	98-1468	1	Cover-Wheel, Steering
2	323-18	2	Screw-HH
3	93-6738	2	Chain
4	3256-24	6	Washer-Flat
5	21-9260	1	Cover-Dust
6	93-6768-03	1	Gear-Sector
9	98-1459	1	Decal
10	323-9	2	Screw-HH
11	3256-27	2	Washer-Flat
12	3296-33	2	Nut-Lock, NI
13	98-3445	2	Spacer
14	104-3913	1	Frame ASM
14:1	92-3162	4	Bushing
14:2	256-245	2	Bushing-Flange
14:4	75-2160	2	Bushing
14:5	256-247	2	Bushing-Flange
14:6	32148-7	4	Insert-Nut
14:7	32148-8	1	Insert-Threaded
14:8	302-60	1	Fitting-Grease
15	98-3446	2	Plate-Reinforcement
17	3-6498	6	Washer-Thrust
18	3220-3	2	Nut-Jam
19	322-12	1	Screw-HH

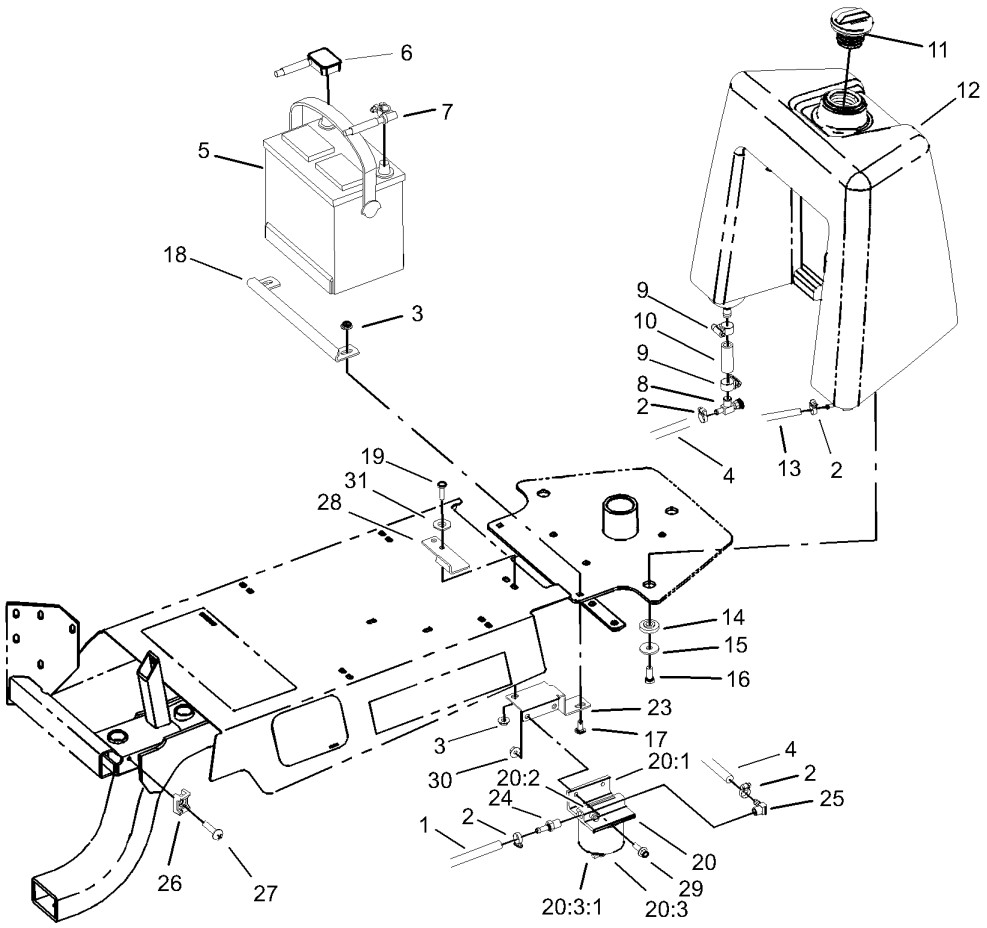
Ref	Part No.	Qty.	Description
20	3296-29	1	Nut-Lock, NI
21	93-6769-03	1	Column-Steering
22	94-5969	1	Shaft And Gear-Steering
23	256-27	2	Bushing
24	87-8640	2	Washer-Flat
25	302-5	3	Fitting-Grease
26	3256-26	1	Washer-Flat
27	3296-25	1	Nut-Lock, NI
28	92-1812	2	Shaft-Pivot, Lift
29	32144-109	2	Screw
30	323-7	2	Screw-HH
31	92-1818-01	2	Arm-Spring, Tension
32	3296-39	4	Nut-Lock, NI



Castor Fork Assembly

Ref	Part No.	Qty.	Description
❷1		1	Tire And Wheel ASM
1:1	94-5028	1	Tire
1:2	93-6881	1	Rim ASM
1:3	232-27	1	Stem-Valve
❷2		1	Hub ASM
2:1	241-119	1	Cap-Dust
2:2	242-50	4	Nut-Lug
2:3	253-129	1	Seal
2:4	254-94	2	Bearing-Cone, Taper
2:5	80-6580	1	Hub
2:6	254-72	2	Bearing-Cup, Tapered
2:7	10-6830	4	Stud-Type, Drive
3	104-3966-03	1	2wd Hub ASM
4	3296-23	4	Nut-Lock, NI
5	93-6782-01	1	Fork-Wheel, Rear
6	3274-93	4	Screw-HSH
7	3220-3	2	Nut-Jam
8	3255-2	1	Washer-Lock/ext
9	75-7730	1	Washer-Thrust
10	325-3	1	Screw-HH
11	302-5	1	Fitting-Grease
12	93-0309	1	Washer-Tab
13	3220-7	1	Nut-Jam
14	93-0307	1	Nut-Lock, Retainer

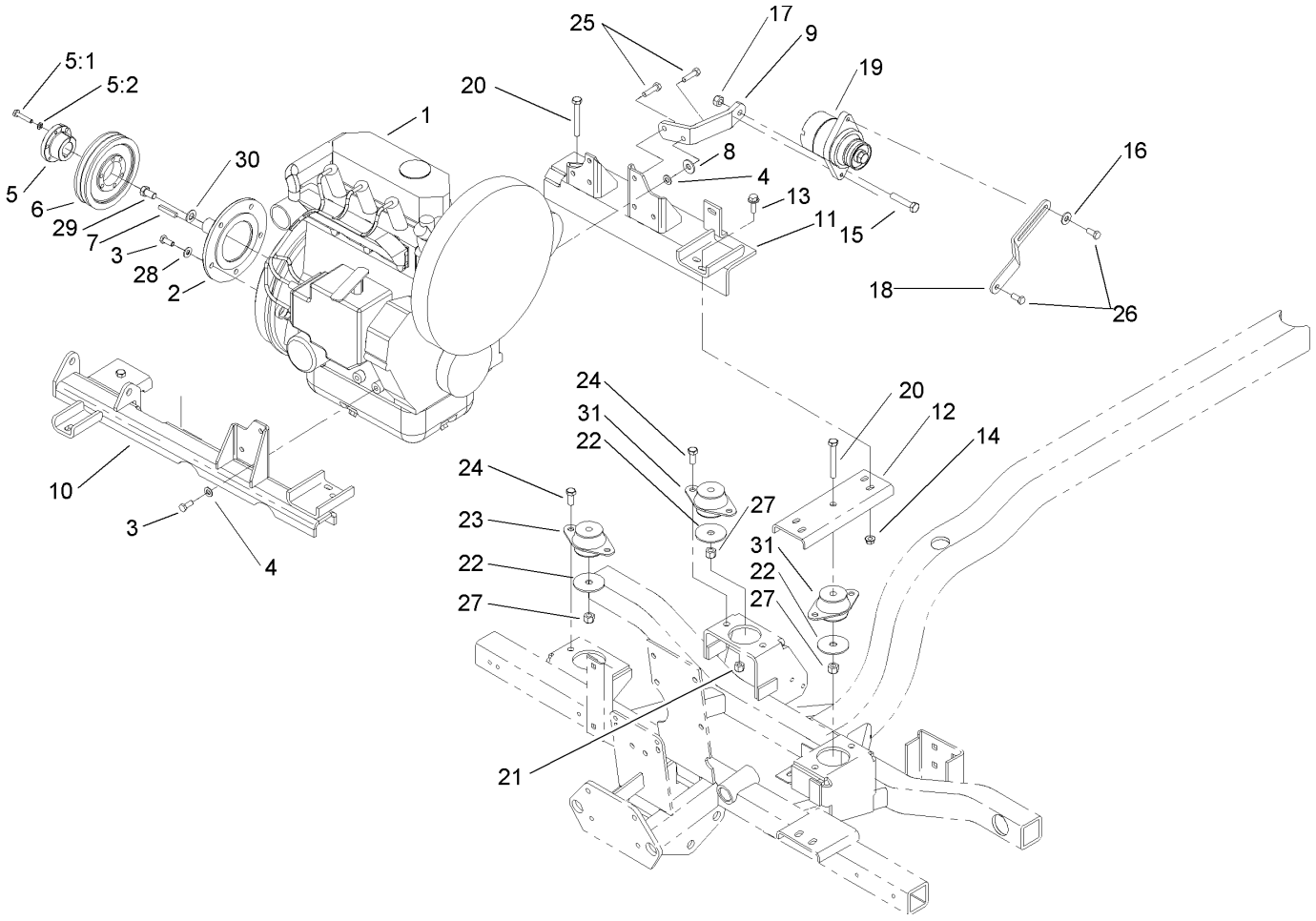
Ref	Part No.	Qty.	Description
15	3272-13	1	Pin-Cotter
❷16		1	Steering Tube ASM
16:1:1	21-0141	1	RH Ball Joint ASM
16:1:2	21-0151	1	LH Ball Joint ASM
16:1:3	3220-12	1	Nut-Hj, LH Thread
16:1:4	3220-5	1	Nut-Jam
16:1:6	61-2070-03	1	Tube-Steering



Fuel Tank and Filter Assembly

Ref	Part No.	Qty.	Description
1	93-5483	1	Hose-Fuel
2	2412-108	4	Clamp-Worm
3	32128-44	4	Nut
4	27-5370	1	Hose-Fuel
5	104-9979	1	Battery (Dry)
6	104-4061	1	Cable-Battery, Pos
7	94-5980	1	Cable-Battery, Neg
8	56-2520	1	Fitting-Shut Off, Fuel
9	2412-36	2	Clamp-Hose
10	104-4097	1	Hose ASM
11	93-3102	1	Cap-Fuel
12	83-8720	1	Tank-Fuel
13	104-4070	1	Hose-Fuel
14	240-11	3	Bushing-Flange
15	63-8410	3	Washer
16	323-5	3	Screw-HH
17	3230-1	2	Bolt-CARR
18	83-9240	1	Bracket-Battery
19	322-5	2	Screw-HH
20	63-7650	1	Separator-Filter/water
20:1	63-8280	1	Head ASM
20:2	63-8290	1	Vent-Air
20:3	63-8300	1	Element-Spin-On
20:3:1	63-8310	1	Valve-Drain

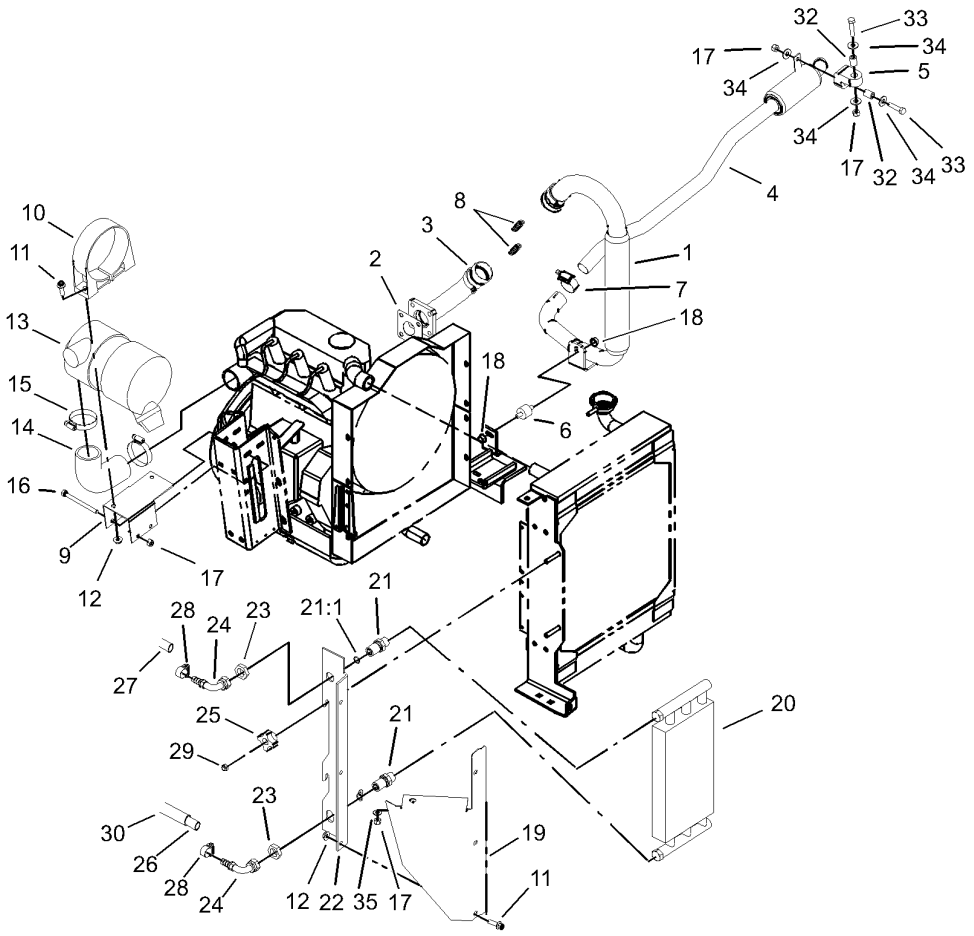
Ref	Part No.	Qty.	Description
23	104-3947-01	1	Bracket-Filter, Fuel
24	353-783	1	Fitting
25	353-781	1	Fitting-Elbow
26	3290-509	1	Tie-Mount
27	63-8590	1	Screw
28	104-4028-01	1	Bracket-Stop
29	3234-4	2	Screw-HHF
30	32128-33	2	Nut-HF
31	3256-3	1	Washer-Flat



Engine Assembly

Ref	Part No.	Qty.	Description
1	104-3855	1	Engine-B/s, Diahatsu
2	104-3860-03	1	Shaft-Stub, Flywheel
3	33114-020	16	Screw-HH
4	3256-23	12	Washer-Flat
5	61-3340	1	Bushing
5:1	100-4208	3	Screw-HH
5:2	100-4209	3	Washer-Lock/sp
6	100-4207	1	Sheave
7	67-7490	1	Key-Square
8	80-6990	1	Washer-Hardened
9	93-2445	1	Bracket-Alternator, Upper
10	104-3869-03	1	Frame-Engine, Front
11	104-3868-03	1	Frame-Engine, Rear
12	104-3870-03	1	Channel-Engine
13	3234-29	4	Screw-HHF
14	32128-20	4	Nut-HF
15	33115-050	1	Screw-HH
16	3256-3	1	Washer-Flat
17	33025-00	1	Nut-Lock
18	93-2446	1	Bracket-Alternator, Lower
19	99-9209	1	Alternator
20	324-11	3	Screw-HH
21	3296-39	6	Nut-Lock, NI
22	87-5100	3	Washer-Snubbing

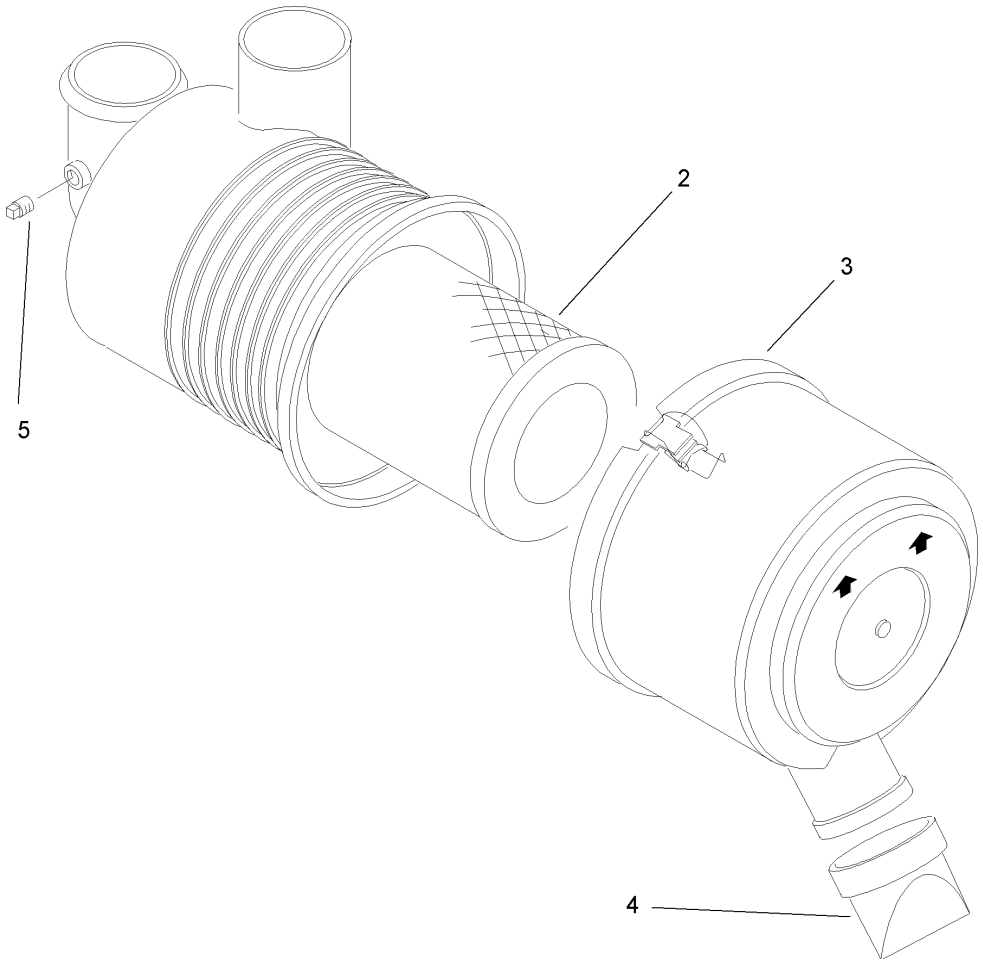
Ref	Part No.	Qty.	Description
23	53-9681	1	Mount-Engine
24	323-5	6	Screw-HH
25	33114-030	2	Screw-HH
26	33114-020	2	Screw-HH
27	3296-48	3	Nut-Lock, NI
28	87-8640	5	Washer-Flat
29	3212-2	1	Screw-HH
30	3256-25	1	Washer-Flat
31	53-9680	2	Mount-Engine



Muffler, Air Cleaner and Oil Cooler Assembly

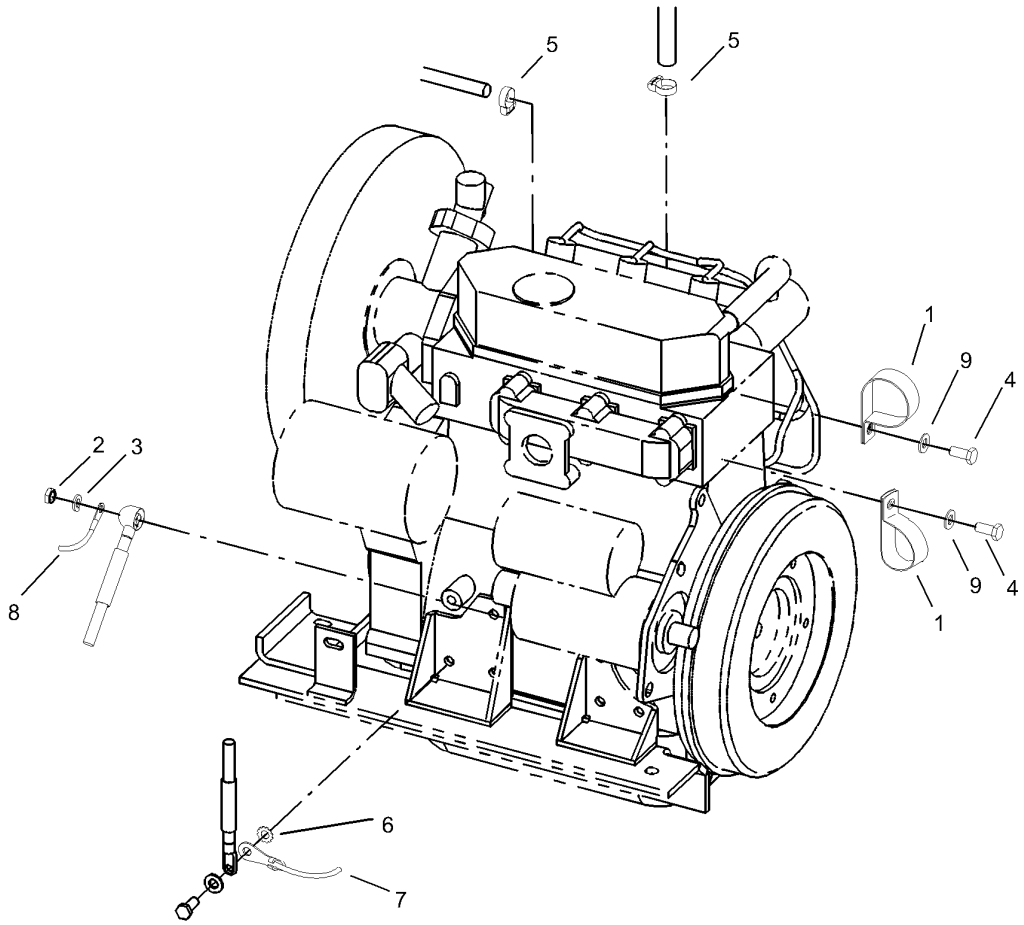
Ref	Part No.	Qty.	Description
1	104-4034	1	Muffler
2	99-9179	1	Gasket-Exhaust
3	104-4035	1	Header-Muffler
4	104-4036	1	Tailpipe
5	95-5622	1	Hanger-Rubber
6	104-4038	1	Isolator-Rubber
7	104-4090	1	Clamp-Muffler
8	104-6478	2	Spring-Coupler, Exhaust
9	104-3884-03	1	Bracket-Cleaner, Air
10	95-5806	1	Bracket-Mounting
11	3234-17	5	Screw-HHF
12	32128-44	5	Nut
13	93-2190	1	Air Cleaner ASM
14	104-3908	1	Hose-Intake, Air
15	2412-130	2	Clamp-Hose
16	322-23	2	Screw-HH
17	3296-29	5	Nut-Lock, NI
18	98-0668	2	Nut
19	83-8210-03	1	Panel-Front, Left
20	93-6932	1	Cooler-Oil
21	83-7970	2	Connector
21:1	237-30	1	O-Ring
22	88-6730-03	1	Bracket-Screen, Front
23	340-127	2	Nut-Bulkhead

Ref	Part No.	Qty.	Description
24	93-6803	2	Fitting-90 DEG
25	93-7159	2	Handle-Knob
26	104-4004	1	Hose
27	93-6805	1	Hose
28	2412-36	2	Clamp-Hose
29	32153-3	2	Nut-Lock
30	93-6933	1	Sleeve-Protective
32	93-5023	2	Spacer
33	322-7	2	Screw-HH
34	3256-3	4	Washer-Flat
35	3256-23	1	Washer-Flat



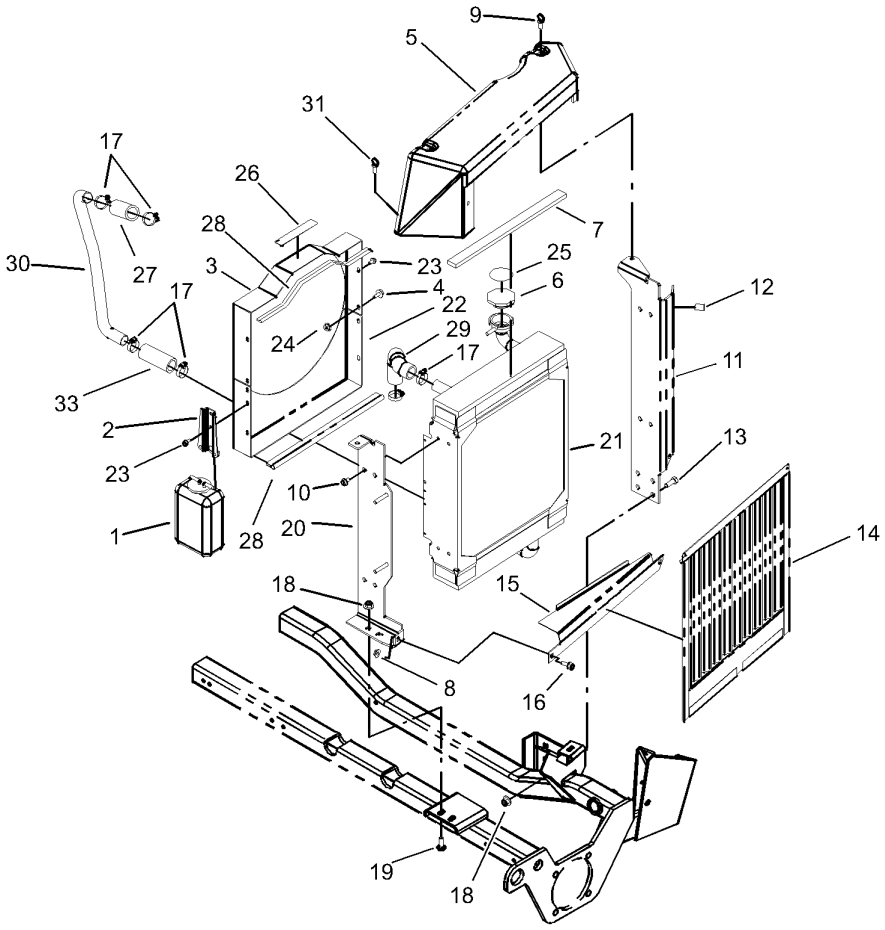
Air Cleaner Assembly No. 93-2190

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



Engine Installation Assembly

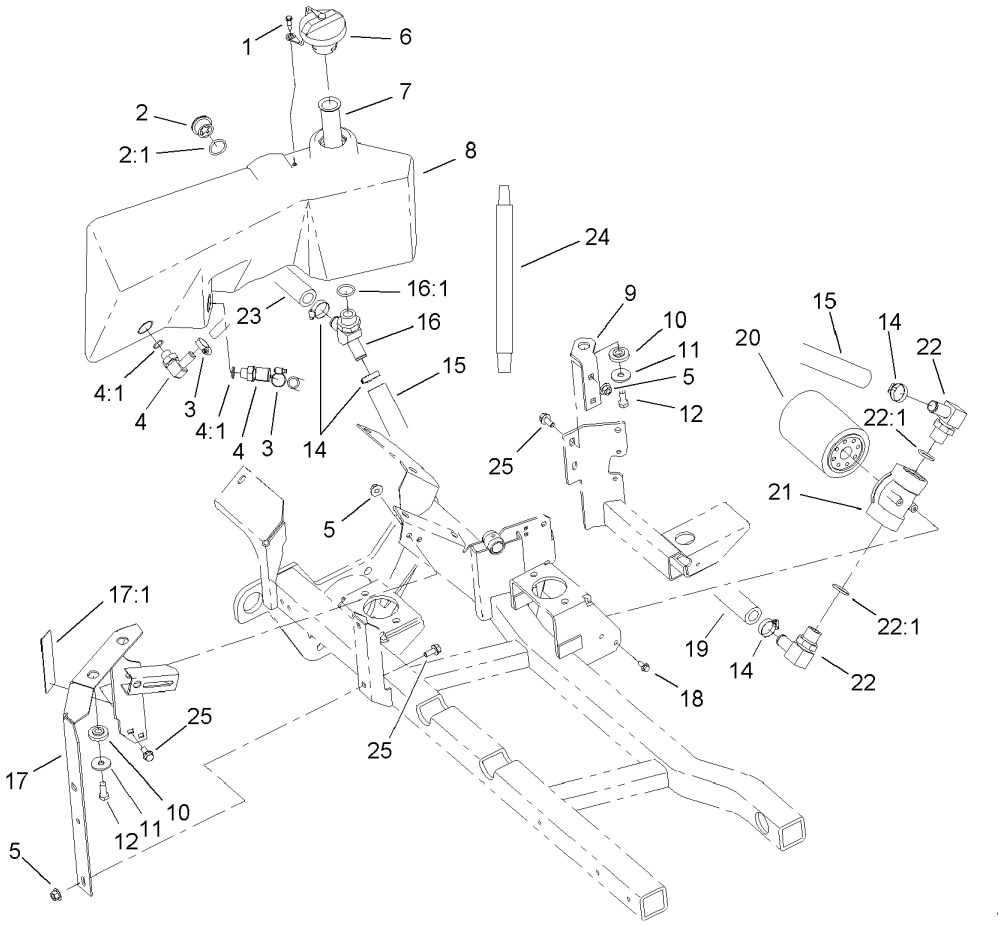
Ref	Part No.	Qty.	Description
1	2412-96	2	Clamp-R
2	57-6390	1	Nut-Jam
3	42-9850	1	Washer-Lock, Spring
4	33114-016	2	Screw-HH
5	2412-108	2	Clamp-Worm
6	3255-8	1	Washer-Lock
7	104-3986	1	Harness-Wire, Engine
❶7:1	100-4918	1	Diode
8	99-3441	1	Harness-Wire, Fusible Link
9	3256-23	2	Washer-Flat



Radiator Assembly

Ref	Part No.	Qty.	Description
1	104-3930	1	Tank-Radiator, Surge
2	104-3931	1	Mounting-Tank, Surge
3	104-3944-03	1	Shroud-Radiator, Top
4	3234-4	2	Screw-HHF
5	83-8040	1	Cover-Left
6	66-3240	1	Cap-Radiator
7	83-9030	1	Foam-Top
8	32128-44	3	Nut
9	104-4000	2	Screw-Thumb
10	3234-28	8	Screw-HHF
11	104-4006-03	1	Rear Radiator Bracket ASM
12	32148-8	3	Insert-Threaded
13	323-6	4	Screw-HH
14	83-8150-03	1	Screen ASM
15	83-8070-03	1	Shield-Radiator, Bottom
16	3234-5	2	Screw
17	2412-34	6	Clamp-Hose
18	32128-43	6	Nut-Flange
19	3231-22	2	Screw-CARR
20	104-4008-03	1	Front Radiator Bracket ASM
21	104-3861	1	Radiator ASM
22	104-3945-03	1	Shroud-Radiator, Bottom
23	32104-116	7	Screw
24	32128-33	2	Nut-HF

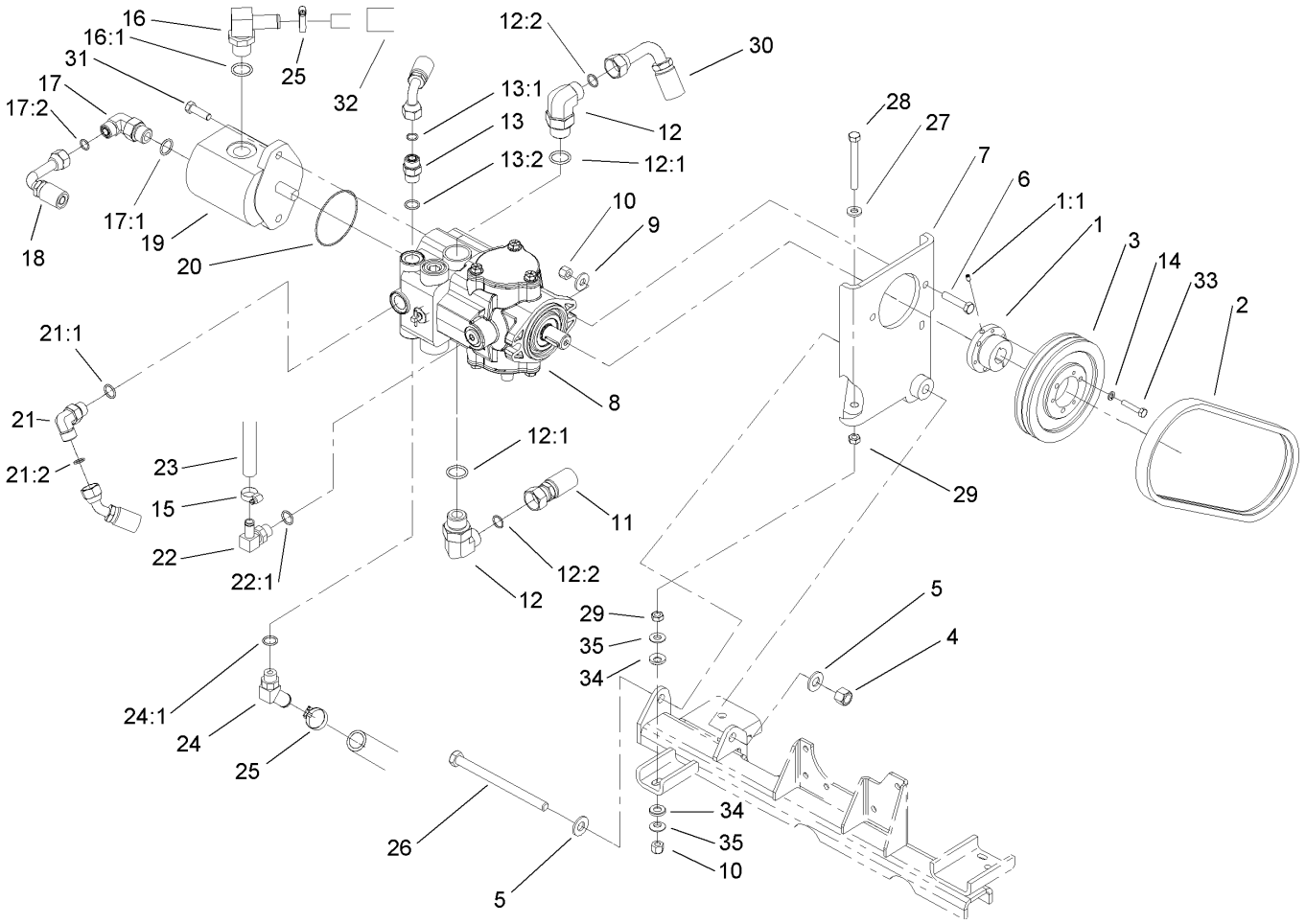
Ref	Part No.	Qty.	Description
25	106-5976	1	Decal-Warning
26	93-7272	1	Decal-Warning
27	104-3912	1	Hose-Radiator
28	104-4029	2	Seal-Bulb
29	104-3911	1	Hose-Radiator, Top
30	104-3914-03	1	Tube-Radiator
31	3234-17	1	Screw-HHF
33	104-4068	1	Hose-Radiator



Hydraulic Tank and Filter Assembly

Ref	Part No.	Qty.	Description
1	57-5420	1	Screw-Shoulder
2	69-1170	1	Glass-Sight
2:1	237-81	1	O-Ring
3	2412-36	2	Clamp-Hose
4	106-8108	2	Fitting-Hyd, 90 DEG
4:1	237-65	1	O-Ring
5	32128-44	5	Nut
6	93-7160	1	Cap-Oil, HYD
7	61-2790	1	Filter-Screen
8	106-8111	1	Tank-HYD
9	83-9920	1	Bracket-Tank, HYD
10	240-11	3	Bushing-Flange
11	63-8410	3	Washer
12	323-5	3	Screw-HH
14	2412-34	4	Clamp-Hose
15	104-4089	1	Hose-Suction
16	93-6794	1	Fitting-45 DEG
16:1	237-81	1	O-Ring
17	104-3980	1	U-Bracket ASM
17:1	67-5360	1	Decal-Danger
18	3234-33	2	Screw-HHF
19	104-4011	1	Hose-Suction
20	54-0110	1	Filter-Oil, Transmission
21	68-8990	1	Filter Head ASM

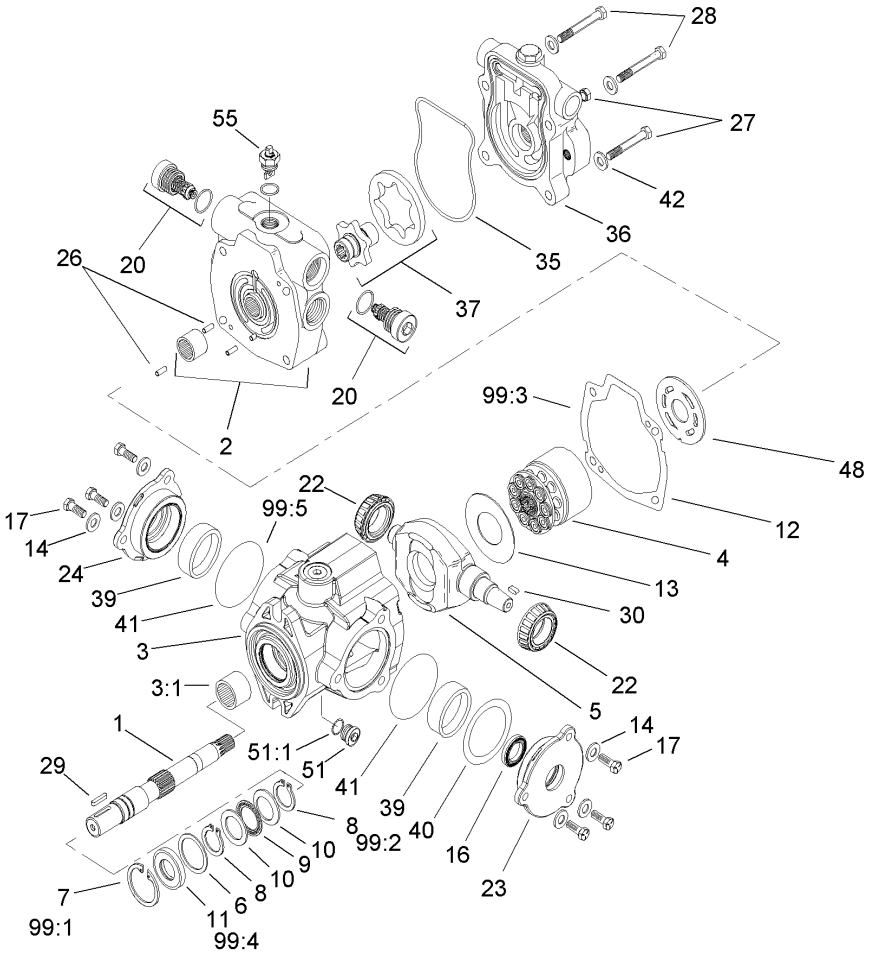
Ref	Part No.	Qty.	Description
22	353-987	2	Fitting-Hyd, 90 DEG
22:1	237-81	1	O-Ring
23	93-6857	1	Hose-Suction
24	88-9220	1	Plug-Reservior
25	3234-5	5	Screw



Hydraulic Pump Assembly

Ref	Part No.	Qty.	Description
1	93-6842	1	Bushing-Lock, Taper
1:1	3245-36	1	Screw-HSH
2	93-6840	1	V-Belt
3	93-6841	1	Pulley
4	3296-23	1	Nut-Lock, NI
5	87-7270	2	Washer-Thrust
6	323-9	2	Screw-HH
7	104-3898-03	1	Pump Support ASM
8	104-3874	1	Pump-Piston, HYD
9	80-6990	2	Washer-Hardened
10	3296-39	3	Nut-Lock, NI
11	104-3999	1	Hose ASM
12	340-139	2	Fitting-Hyd, 90 DEG
12:1	237-81	1	O-Ring
12:2	237-65	1	O-Ring
13	340-4	1	Fitting-Hyd, Sraight
13:1	237-30	1	O-Ring
13:2	237-79	1	O-Ring
14	3253-3	3	Washer-Lock
15	2412-36	1	Clamp-Hose
16	353-987	1	Fitting-Hyd, 90 DEG
16:1	237-81	1	O-Ring
17	340-105	1	Fitting-Hyd, 90 DEG
17:1	237-80	1	O-Ring

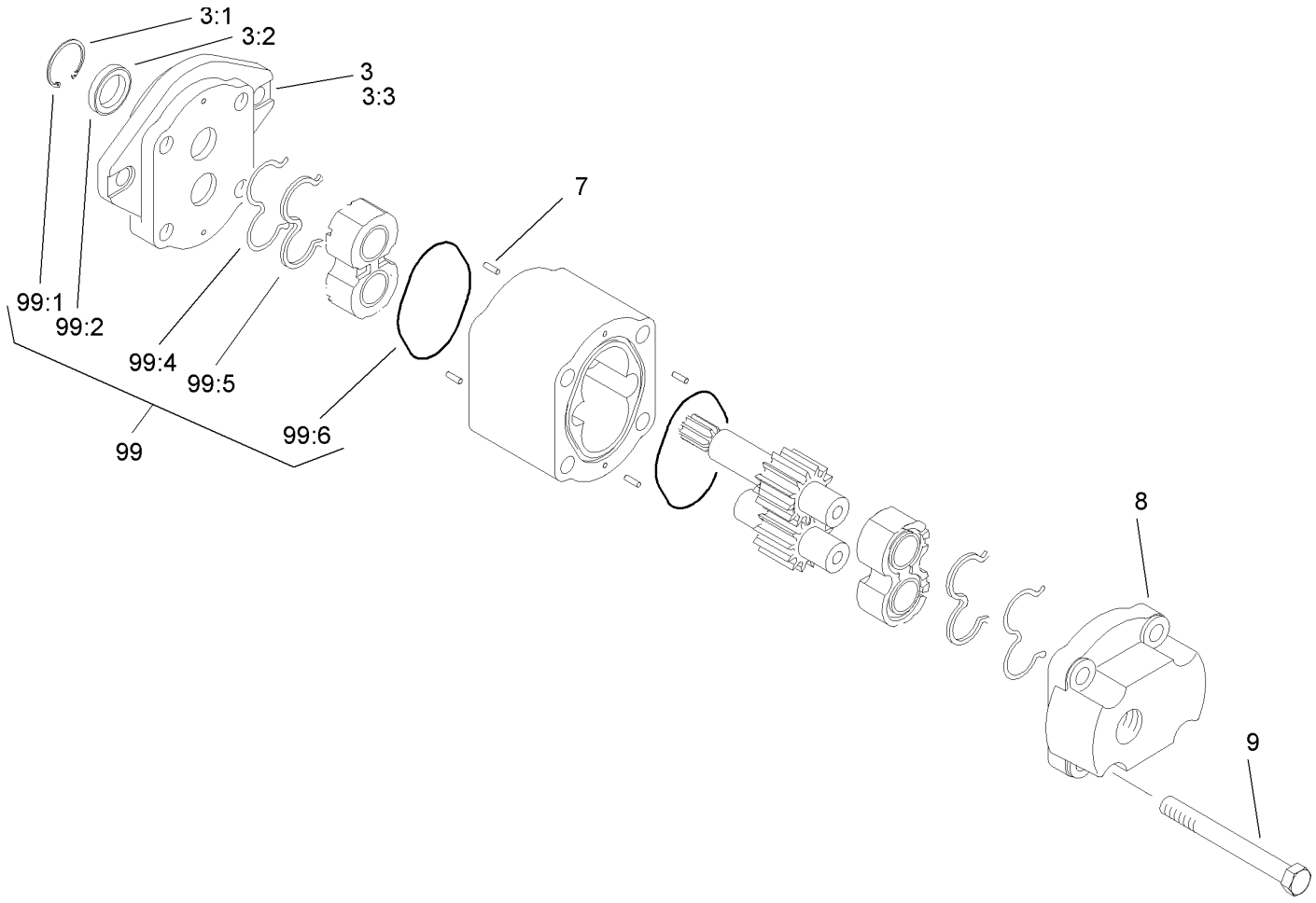
Ref	Part No.	Qty.	Description
17:2	237-30	1	O-Ring
18	104-4003	1	Hose ASM
19	99-6131	1	Pump-Drive, Reel
20	353-949	1	O-Ring
21	340-98	1	Fitting-Hyd, 90 DEG
21:1	237-79	1	O-Ring
21:2	237-30	1	O-Ring
22	93-6795	1	Fitting-90 DEG
22:1	237-79	1	O-Ring
23	104-4059	1	Hose-Return
24	93-6848	1	Fitting-HYD
24:1	237-79	1	O-Ring
25	2412-34	2	Clamp-Hose
26	325-33	1	Screw-HH
27	100-4852	1	Washer-Hardened
28	323-49	1	Bolt-TAP
29	3217-7	2	Nut-Hex
30	104-3998	1	Hose ASM
31	323-7	2	Screw-HH
32	94-3688	1	Sleeve-Protective
33	321-13	3	Screw-HH
34	104-4067	2	Washer
35	104-4066	2	Washer



Hydraulic Pump Assembly No. 104-3874

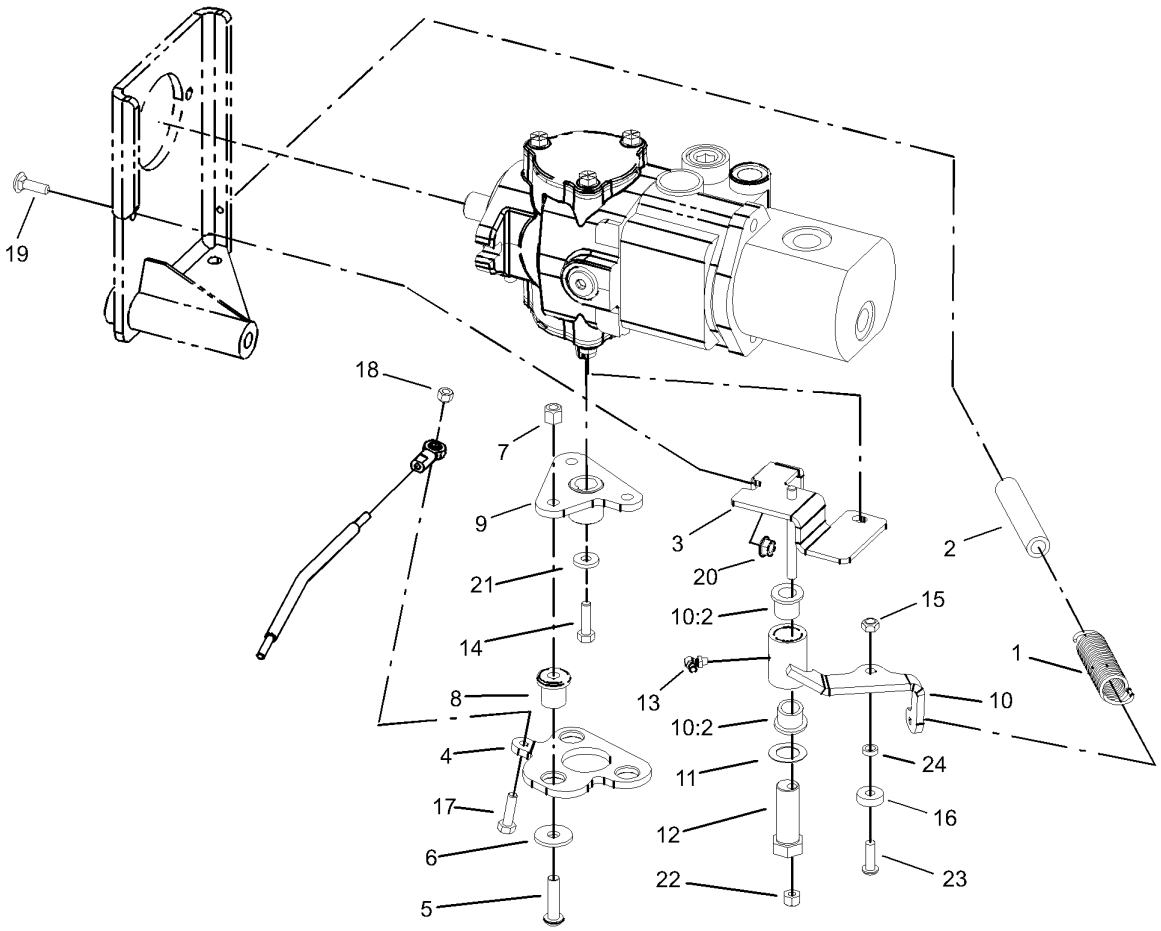
Ref	Part No.	Qty.	Description
1	94-3642	1	Shaft-Drive
2	104-4047	1	Endcover
3	100-3176	1	Housing ASM
3:1	94-6363	1	Bearing
4	76-6070	1	Rotating Kit
5	100-3175	1	Camplate
6	33-3720	1	Washer
7	32151-13	1	Ring-Retaining
8	32151-29	2	Ring-Retaining
9	252-66	1	Bearing-Thrust
10	252-71	2	Washer-Thrust
11	104-4861	1	Seal-Shaft
12	33-4930	1	Gasket-Housing
13	98-4635	1	Insert-Plate, Cam
14	105-9762	6	Washer
16	76-6190	1	Seal-Shaft
17	98-4640	6	Screw-Cap
20	105-3812	2	Valve-Check
22	98-4639	2	Bearing-Cone
23	98-4645	1	Plate-Cover
24	98-4644	1	Plate-Cover
26	76-6150	2	Pin-Dowel
27	104-4042	2	Screw-Cap
28	104-4043	2	Screw-Cap

Ref	Part No.	Qty.	Description
29	94-3645	1	Key
30	94-3646	1	Key
35	104-4044	1	O-Ring
36	104-4045	1	Charge Pump Adapter ASM
37	94-3648	1	Gerotor & Coupler ASM
39	104-4046	2	Bearing-Cup
40	100-3182	2	Shim Kit
41	100-3179	2	O-Ring
42	104-4048	4	Washer
48	104-4049	1	Plate-Valve
51	74-9280	1	Plug ASM
❷51:1		1	O-Ring
55	105-3811	1	Valve-Bypass
99	104-4868	1	Seal Repair Kit
99:1	32151-13	1	Ring-Retaining
99:2	32151-29	1	Ring-Retaining
99:3	33-4930	1	Gasket-Housing
99:4	104-4861	1	Seal-Shaft
99:5	100-3179	1	O-Ring



Gear Pump Assembly No. 99-6131

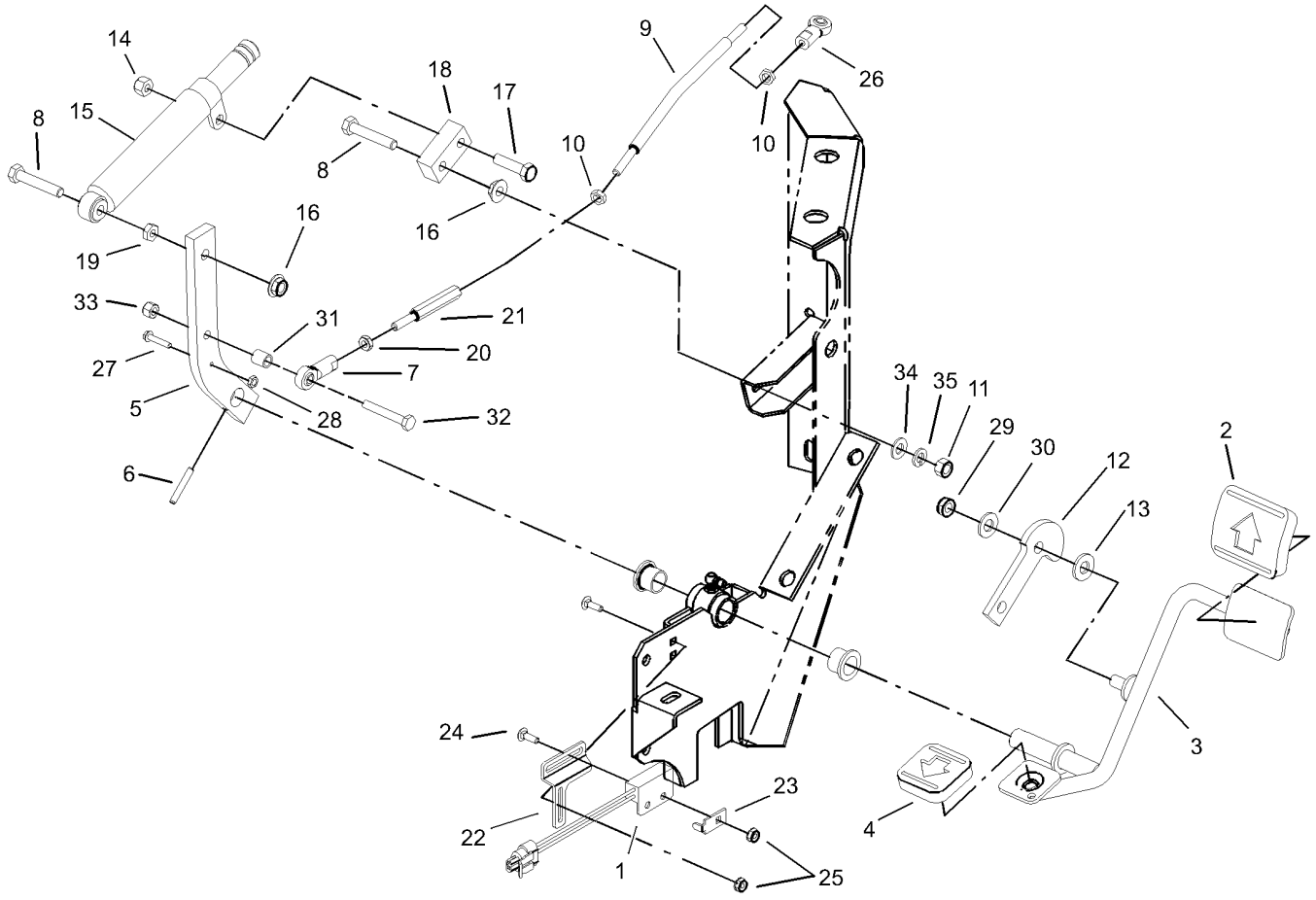
Ref	Part No.	Qty.	Description
3	93-4268	1	Flange Kit
❷3:1		1	Ring-Retaining
❷3:2		1	Seal-Shaft
❷3:3		1	Flange
7	94-3625	4	Pin-Dowel
8	94-3626	1	Cover-End
9	94-3639	4	Screw-HH
99	99-6132	1	Seal Kit
❷99:1		1	Ring-Retaining
❷99:2		2	Seal-Shaft
❷99:4		2	Seal-E
❷99:5		2	Ring-Backup
❷99:6		2	O-Ring



Pump Mount Assembly

Ref	Part No.	Qty.	Description
1	94-1369	1	Spring-Extension
2	99-3556	1	Hose
3	104-3918-03	1	Bracket ASM
4	104-3917-03	1	Lever-Pump
5	95-3857	3	Screw-HSBH
6	2844	3	Washer
7	3296-39	3	Nut-Lock, NI
8	63-9750	3	Mount
9	99-3598-03	1	Hub ASM
10	104-0422	1	Neutral Arm ASM
10:2	256-113	2	Bushing-Flange
11	3-6498	1	Washer-Thrust
12	76-8640	1	Stud-Traction
13	302-60	1	Fitting-Grease
14	3210-6	1	Screw-HH
15	3296-47	1	Nut-Lock, NI
16	251-259	1	Bearing-Ball
17	321-6	1	Screw-HH
18	3296-42	1	Nut-Lock, NI
19	3230-22	1	Screw-CARR
20	32128-20	1	Nut-HF
21	88-7200	1	Washer-Flat
22	3296-29	1	Nut-Lock, NI
23	3274-104	1	Screw-HSBH

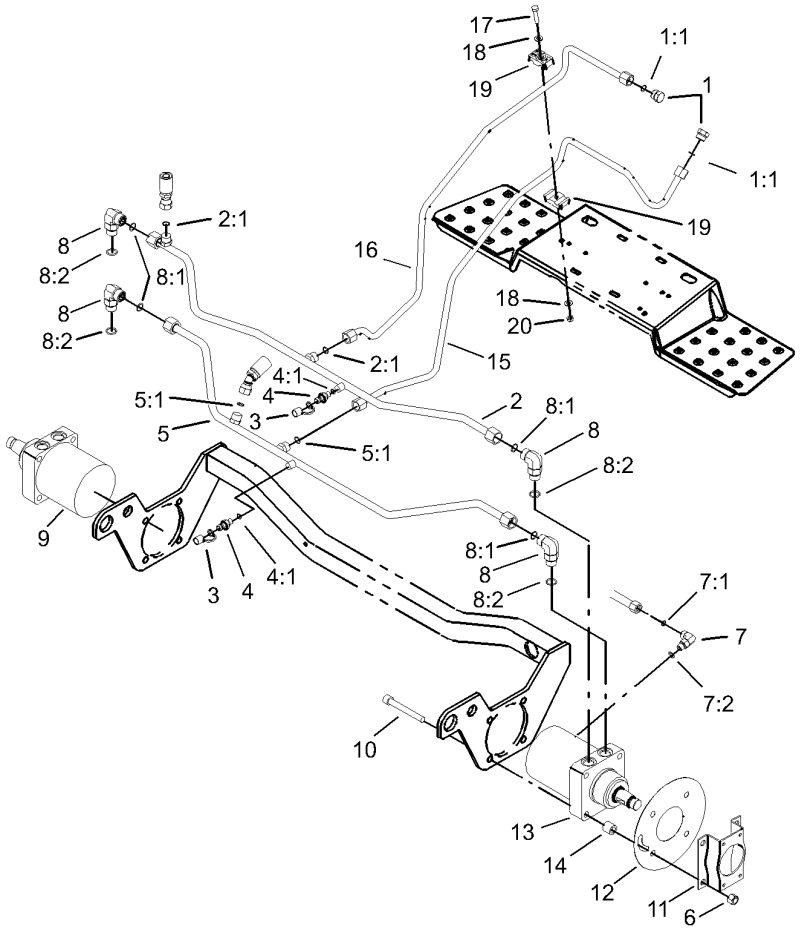
Ref	Part No.	Qty.	Description
24	100-4817	1	Spacer-Bearing



Traction Control Assembly

Ref	Part No.	Qty.	Description
1	105-0023	1	Switch-Proximity
2	74-9100	1	Pad-Pedal, Forward
3	104-3938-03	1	Traction Pedal ASM
4	74-9110	1	Pad-Pedal, Reverse
5	104-3939	1	Arm-Traction
6	32121-6	1	Pin-Roll
7	104-4013	1	Joint-Ball, LH
8	322-9	2	Screw-HH
9	104-3977	1	Rod-Control, Pump
10	3220-1	2	Nut-Jam
11	3217-6	1	Nut-Hex
12	74-6110	1	Stop-Traction
13	66-2920	1	Washer-Friction
14	3296-29	1	Nut-Lock, NI
15	76-8870	1	Lever Damper ASM
16	32128-44	2	Nut
17	322-6	1	Screw-HH
18	76-9760	1	Damper-Pivot
19	3218-2	1	Nut-Jam
20	104-3941	1	Nut-Jam
21	104-3978	1	Nut-Rod
22	104-3979	1	Bracket-Switch
23	100-4872	1	Plate-Switch, Neutral
24	3229-34	3	Bolt-CARR

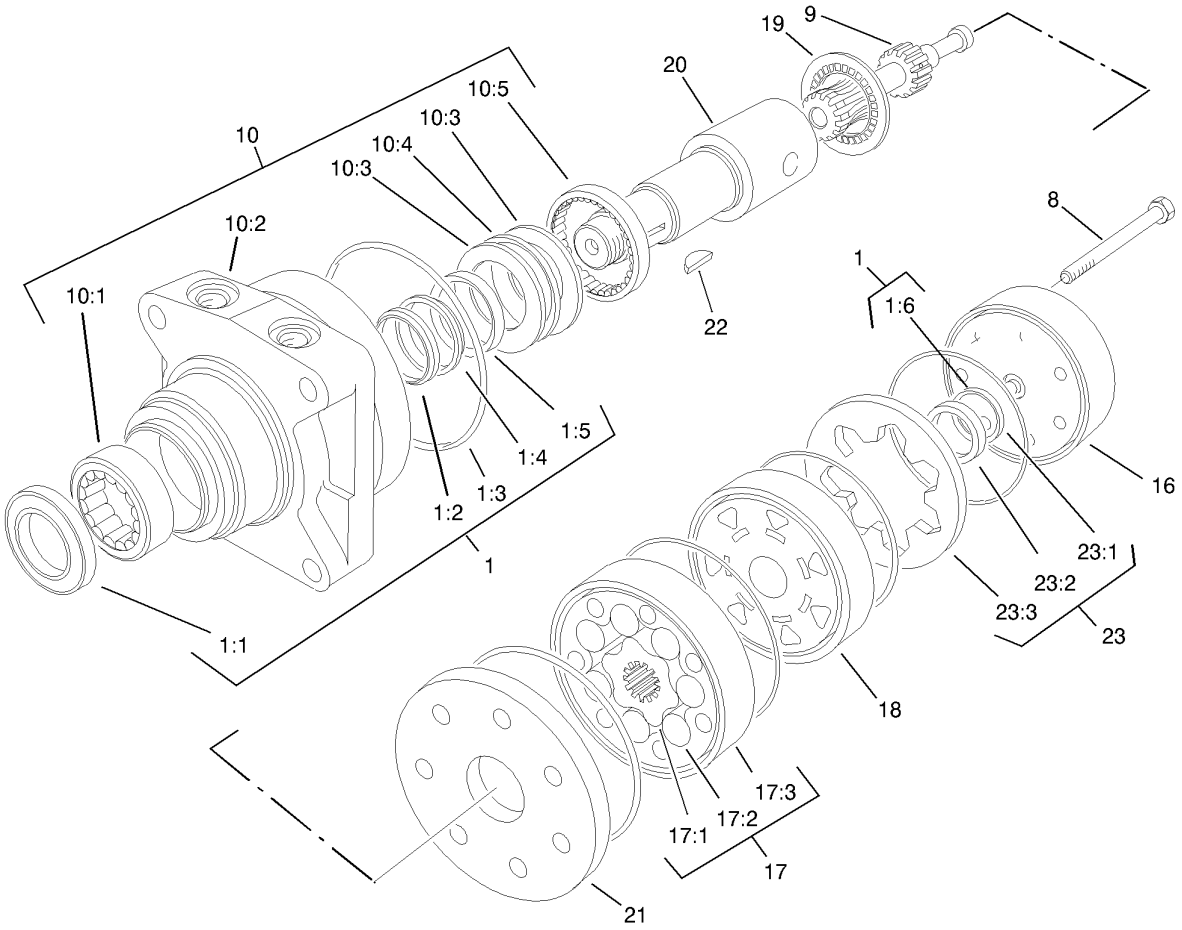
Ref	Part No.	Qty.	Description
25	32149-7	3	Nut-Keps
26	2411-41	1	Joint-Ball
27	32105-29	1	Screw-SHWH
28	32149-9	1	Nut
29	3296-59	1	Nut-Lock, NI
30	3256-24	1	Washer-Flat
31	93-6859	1	Spacer
32	321-10	1	Screw-HH
33	3296-42	1	Nut-Lock, NI
34	3256-23	1	Washer-Flat
35	3253-4	1	Washer-Lock



Hydraulic Motor Installation Assembly

Ref	Part No.	Qty.	Description
1	106-8100	2	Plug-HYD
1:1	237-79	1	O-Ring
2	104-3984	1	Front Tube ASM
2:1	237-30	2	O-Ring
3	354-79	2	Cap-Dust
4	354-77	2	Fitting-Quick
4:1	237-78	1	O-Ring
5	104-3983	1	Rear Tube ASM
5:1	237-30	2	O-Ring
6	3296-23	8	Nut-Lock, NI
7	340-77	1	Fitting-Hyd, 90 DEG
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-17	4	Fitting-Hyd, 90 DEG
8:1	237-65	1	O-Ring
8:2	237-80	1	O-Ring
9	75-9990	1	HYD Motor ASM
10	3274-99	8	Screw-HSH
11	84-2000-03	2	Bracket-Brake
12	93-6905-03	2	Shield-Wheel
13	93-6888	1	Motor-Wheel
14	94-5135	8	Spacer
15	106-8112	1	Tube-HYD
16	106-8113	1	Tube-HYD

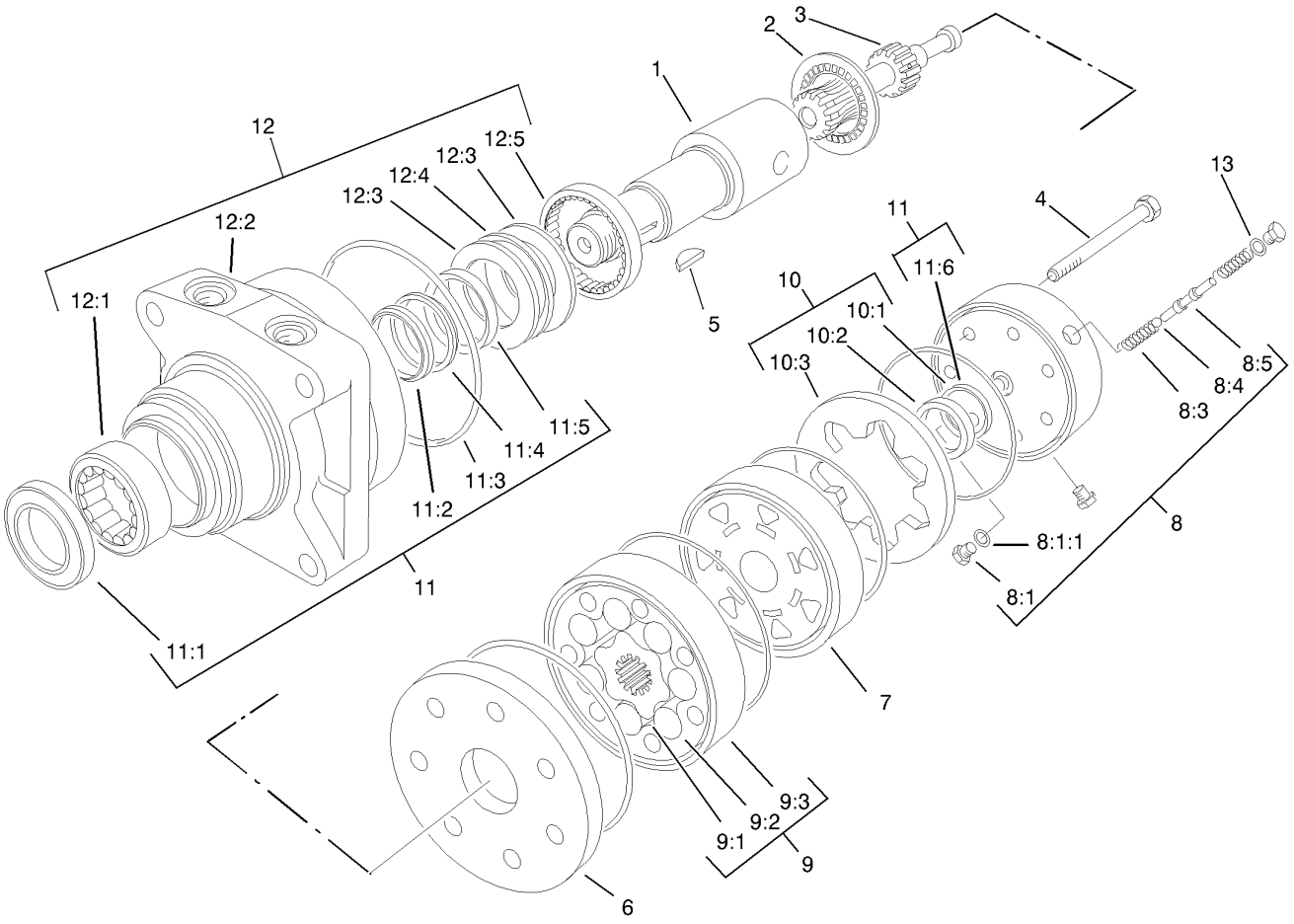
Ref	Part No.	Qty.	Description
17	322-10	1	Screw-HH
18	3256-23	2	Washer-Flat
19	56-7976	2	Clamp-Tube
20	3296-29	1	Nut-Lock, NI



Hydraulic Motor Assembly No. 75-9990

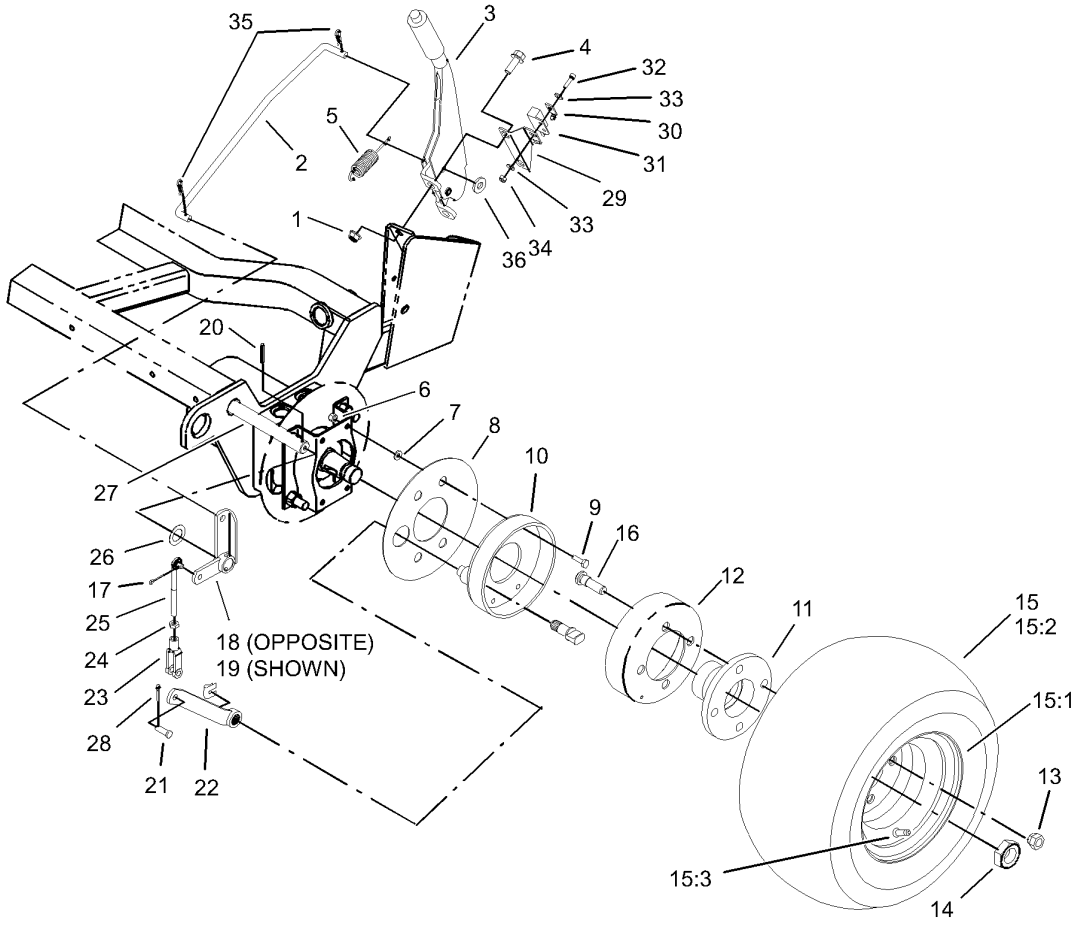
Ref	Part No.	Qty.	Description
1	76-0800	1	Seal Kit
❷1:1		1	Seal-Dirt & Water
❷1:2		1	Washer-Back-Up
❷1:3		5	Ring-Seal
❷1:4		1	Washer-Back-Up
❷1:5		1	Seal-Inner
❷1:6		1	Seal-Commutator
8	76-1010	7	Screw
9	76-0960	1	Link-Drive
10	76-0810	1	Housing ASM
❷10:1		1	Bearing
❷10:2		1	Housing
❷10:3		2	Washer-Thrust
❷10:4		1	Bearing-Thrust
❷10:5		1	Bearing
16	76-0940	1	End Cover ASM
17	76-0970	1	Set-Rotor
❷17:1		1	Rotor
❷17:2		7	Vane
❷17:3		1	Stator
18	76-0840	1	Manifold
19	76-0850	1	Bearing-Thrust
20	76-0860	1	Shaft-Coupling
21	76-0870	1	Plate-Wear

Ref	Part No.	Qty.	Description
22	3257-42	1	Key-Woodruff
23	76-0880	1	Commutator ASM
❷23:1		1	Seal-Commutator
❷23:2		1	Commutator
❷23:3		1	Ring-Commutator



Wheel Motor Assembly No. 93-6888

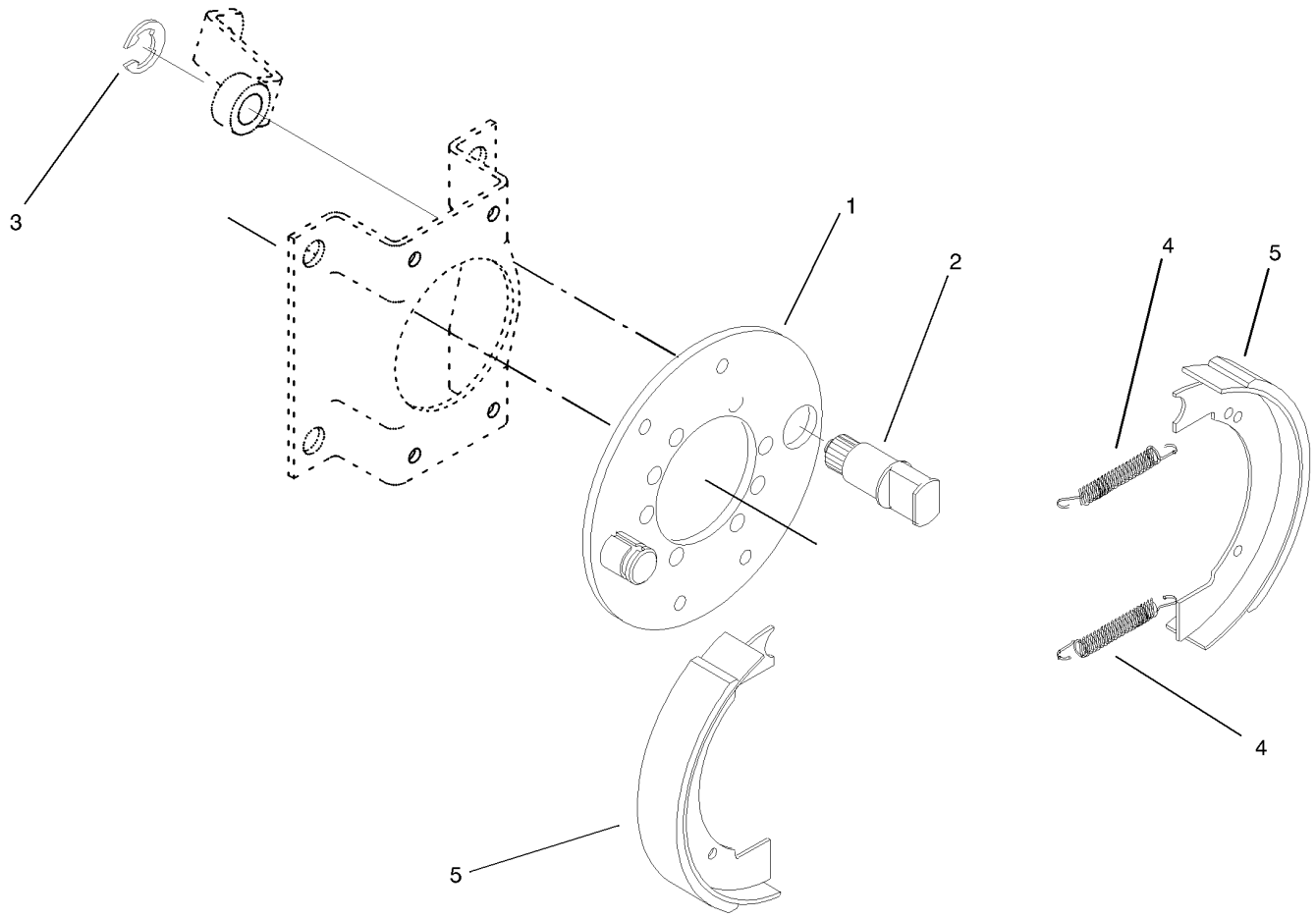
Ref	Part No.	Qty.	Description
1	76-0860	1	Shaft-Coupling
2	76-0850	1	Bearing-Thrust
3	76-0960	1	Link-Drive
4	94-3662	7	Screw-Cap, HH
5	3257-42	1	Key-Woodruff
6	76-0870	2	Plate-Wear
7	76-0840	1	Manifold
8	76-0890	1	End Cover ASM
8:1	353-990	2	Plug
8:1:1	237-78	1	O-Ring
❷8:3		2	Spring
❷8:4		1	Ball
❷8:5		1	Valve-Shuttle
9	76-0970	1	Set-Rotor
❷9:1		1	Rotor
❷9:2		7	Vane
❷9:3		1	Stator
10	76-0880	1	Commutator ASM
❷10:1		1	Seal-Commutator
❷10:2		1	Commutator
❷10:3		1	Ring-Commutator
11	76-0800	1	Seal Kit
❷11:1		1	Seal-Dirt & Water
❷11:2		1	Washer-Back-Up
❷11:3		5	Ring-Seal
❷11:4		1	Washer-Back-Up
❷11:5		1	Seal-Inner
❷11:6		1	Seal-Commutator
12	76-0810	1	Housing ASM
❷12:1		1	Bearing
❷12:2		1	Housing
❷12:3		2	Washer-Thrust
❷12:4		1	Bearing-Thrust
❷12:5		1	Bearing
13	237-78	2	O-Ring



Front Wheel and Brake Assembly

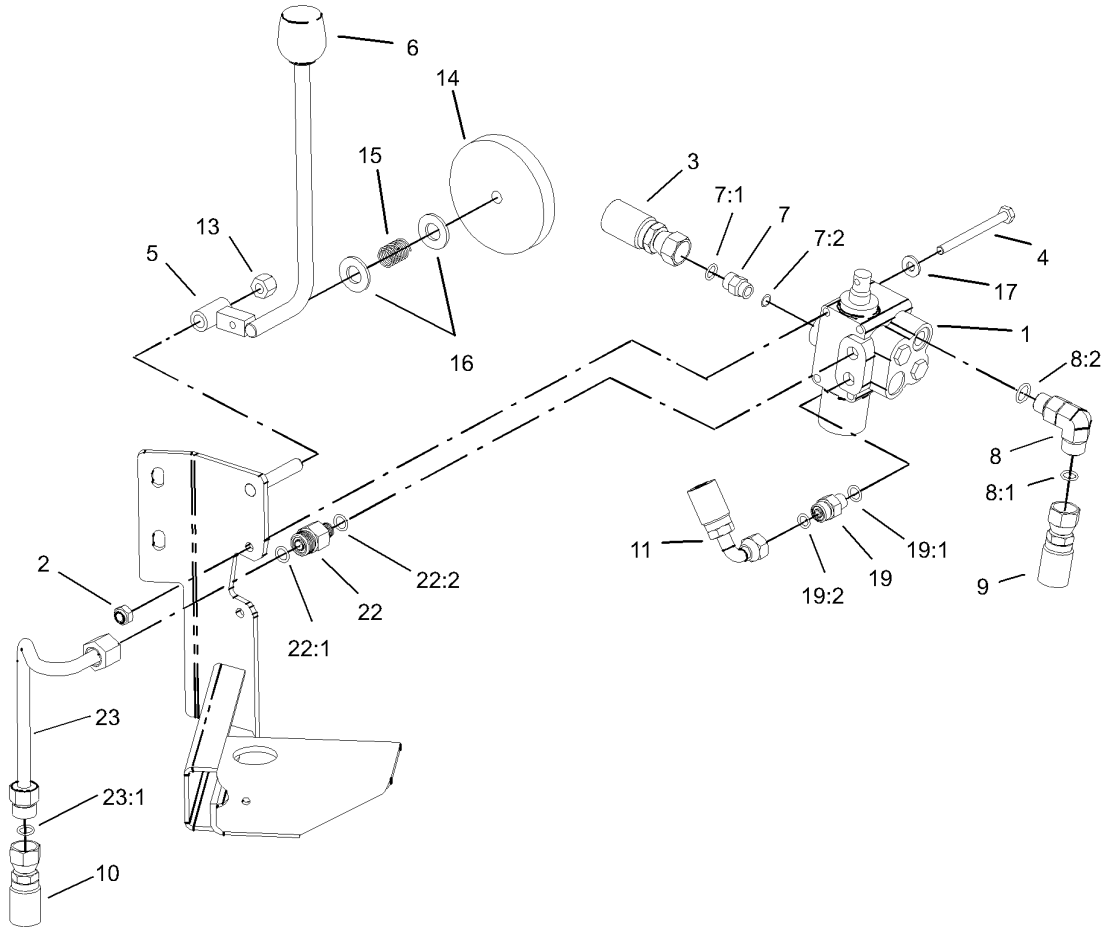
Ref	Part No.	Qty.	Description
1	3290-357	2	Nut-HHF
2	104-3907	1	Rod-Brake
3	104-3903	1	Lever-Brake, Parking
4	3234-11	2	Screw-HHF
5	104-4010	1	Spring-Extension
6	3296-42	8	Nut-Lock, NI
7	3256-16	8	Washer-Flat
8	83-9340	2	Shield-Brake, Grass
9	321-5	8	Screw-HH
10	104-7705	2	Brake ASM
11	93-6838-03	2	Hub-Wheel
12	10-6850	2	Drum-Brake
13	242-50	8	Nut-Lug
14	26-3790	2	Nut-Lock
❷15		2	Front Tire/wheel ASM
15:1	93-6881	1	Rim ASM
15:2	99-4506	1	Tire-Mate, Turf
15:3	232-27	1	Stem-Valve
16	85-6540	8	Stud-Drive
17	3272-6	2	Pin-Cotter
18	83-9310	1	RH Brake Lever ASM
19	104-3928	1	LH Brake Lever ASM
20	32121-6	2	Pin-Roll
21	283-1	2	Pin-Clevis

Ref	Part No.	Qty.	Description
22	93-6850	2	Lever-Brake
23	282-2	2	Yoke
24	3220-2	2	Nut
25	84-1990	2	Rod-Adjusting
26	3-6498	2	Washer-Thrust
27	83-9330	1	Shaft-Brake
28	3272-10	2	Pin-Cotter
29	104-4052-03	1	Bracket-Switch, Brake
30	100-4872	1	Plate-Switch, Neutral
31	100-1270	1	Switch-Proximity
32	3274-14	1	Screw-HSH
33	3256-14	2	Washer-Flat
34	3296-2	1	Nut-Lock
35	3290-307	2	Pin-Hair
36	3256-24	3	Washer-Flat



Brake Assembly No. 104-7705

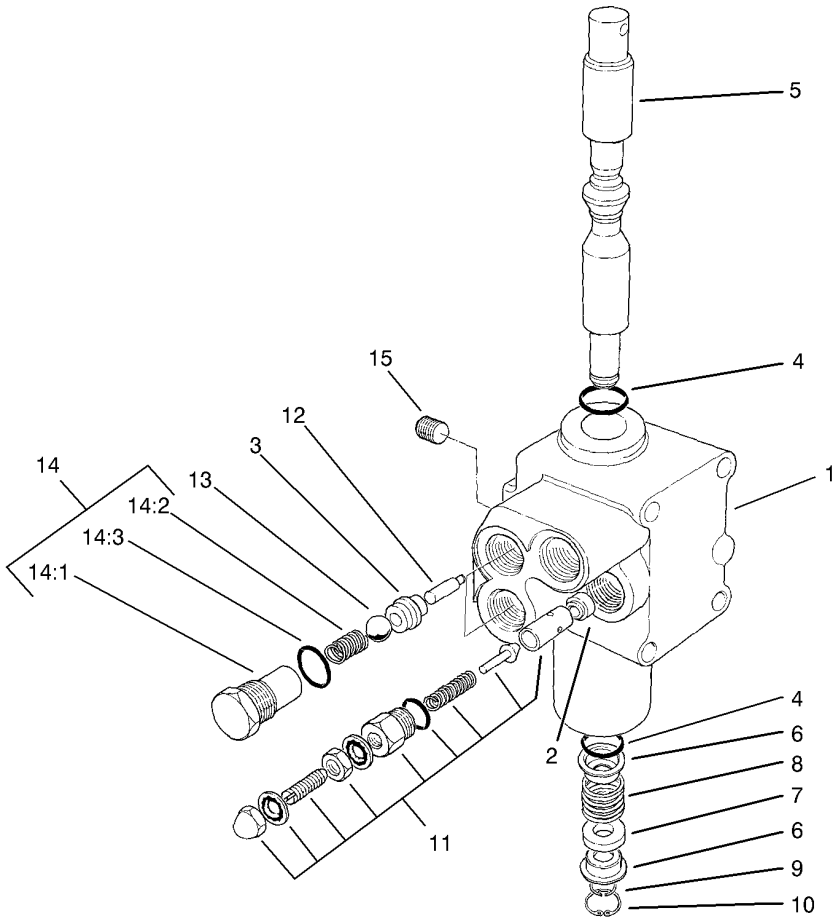
Ref	Part No.	Qty.	Description
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E Ring-Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



Hydraulic Valve Installation Assembly

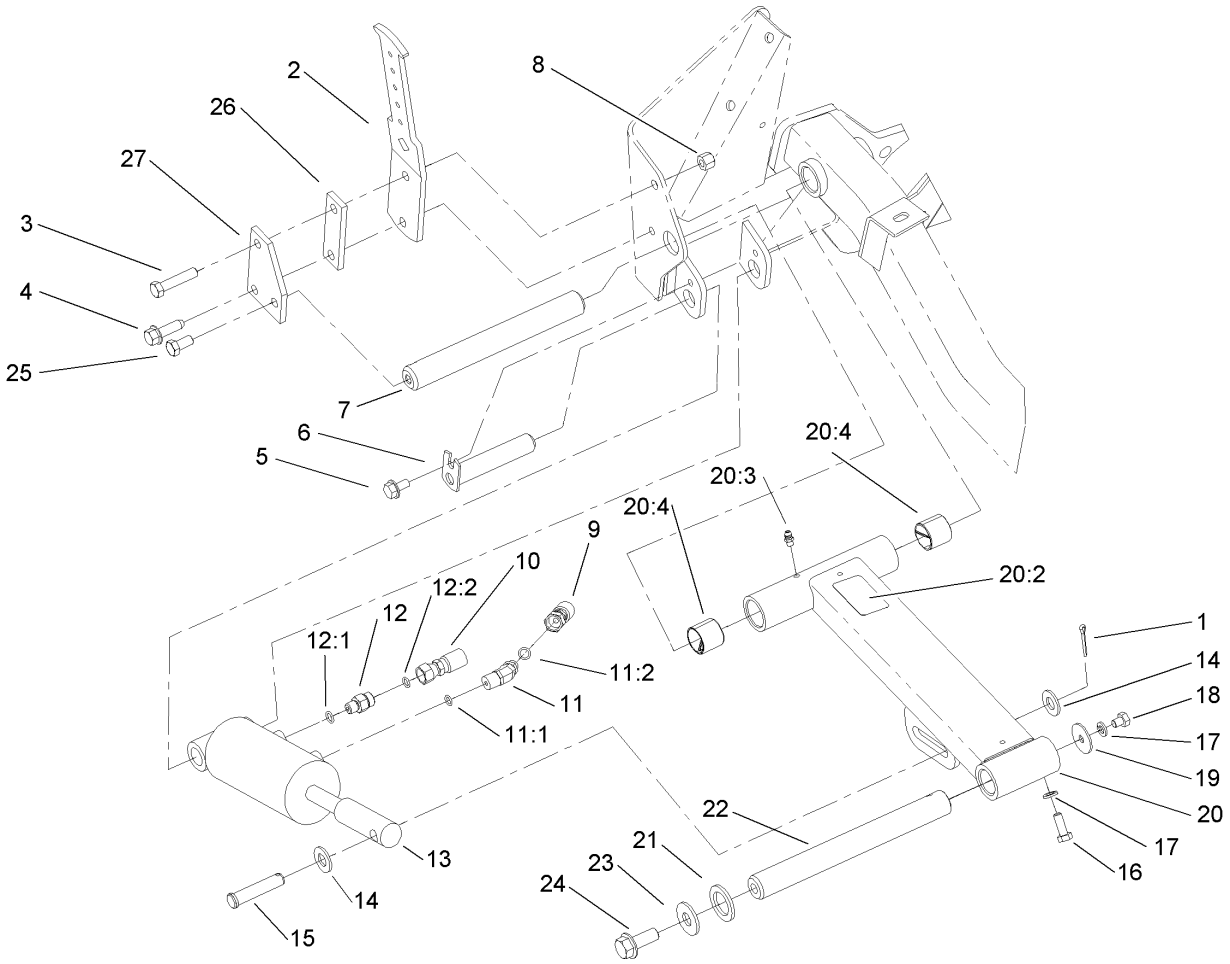
Ref	Part No.	Qty.	Description
1	104-4092	1	Valve-Lift
2	3296-16	2	Nut-Lock, NI
3	104-5163	1	Hose ASM
4	321-23	2	Screw-HH
5	85-5160-03	1	Lever-Valve
6	233-37	1	Knob
7	340-2	1	Fitting-Hyd, Straight
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-77	1	Fitting-Hyd, 90 DEG
8:1	237-22	1	O-Ring
8:2	237-42	1	O-Ring
9	104-5162	1	Hose ASM
10	104-4001	1	Hose ASM
11	104-4083	1	Hose ASM
13	3296-39	1	Nut-Lock, NI
14	94-5119	1	Sponge
15	65-9940	1	Spring
16	3256-26	2	Washer-Flat
17	3256-22	2	Washer-Flat
19	340-92	1	Fitting-Hyd, Straight
19:1	237-78	1	O-Ring
19:2	237-21	1	O-Ring
22	340-88	1	Adapter

Ref	Part No.	Qty.	Description
22:1	237-22	1	O-Ring
22:2	237-78	1	O-Ring
23	104-4085	1	HYD Tube ASM
23:1	237-22	1	O-Ring



Hydraulic Control Valve No. 104-4092

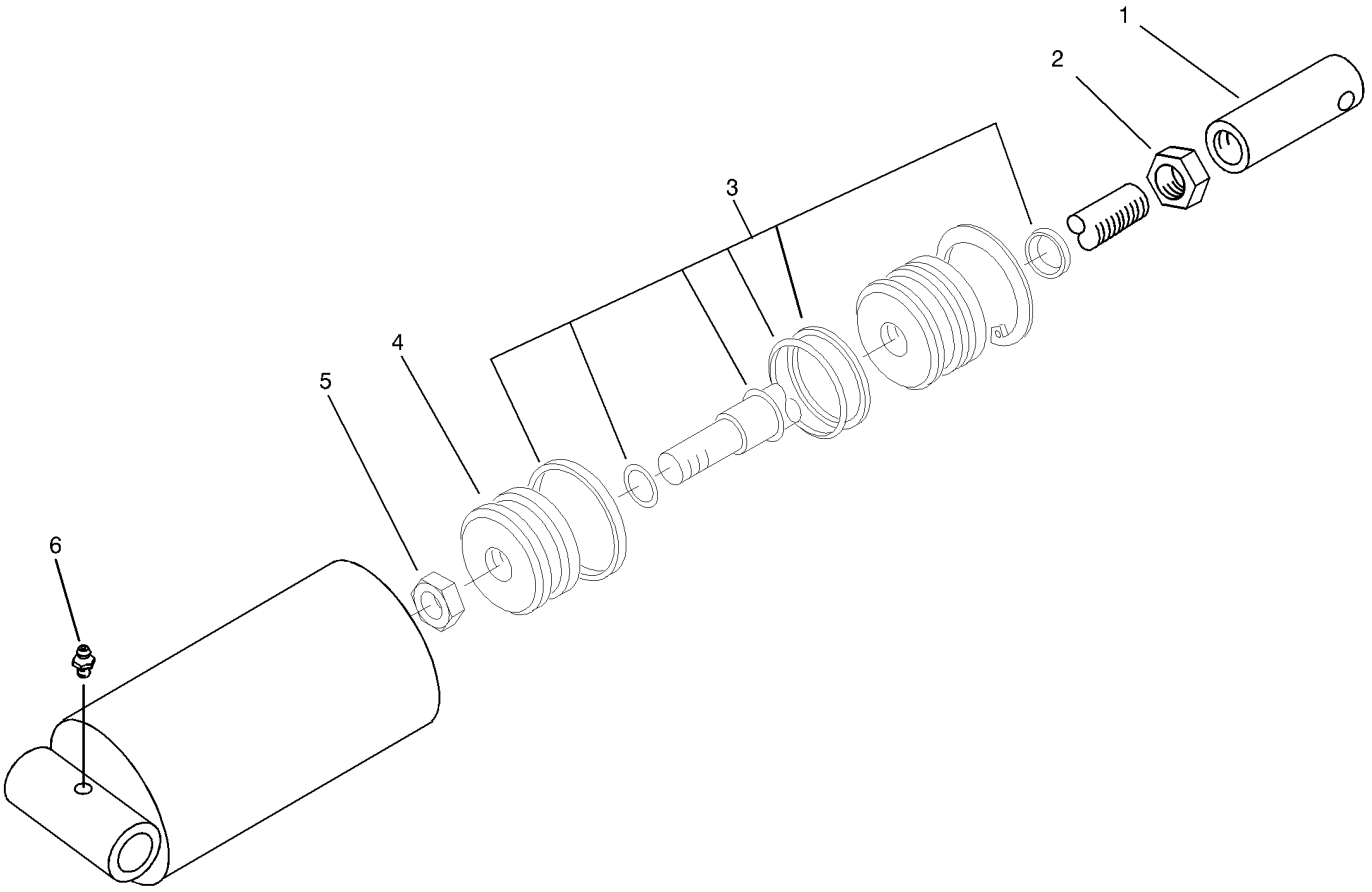
Ref	Part No.	Qty.	Description
❷1		1	Body
2	55-3640	1	Seat-Relief
3	22-8370	2	Seat-Valve
4	22-8500	2	O-Ring
5	22-8420	1	Spool
6	22-8380	2	Retainer
7	23-3030	1	Spacer
8	22-8410	1	Spring
9	22-8480	1	Ring-Snap
10	22-8490	1	Ring-Snap
11	22-8440	1	Valve-Relief
12	22-8360	2	Pin
13	22-8350	2	Ball
14	105-7827	2	Plug ASM
14:1	22-8330	1	Plug
14:2	22-8340	1	Spring
14:3	237-42	1	O-Ring
15	55-3650	1	Plug



Rear Lift Arm Assembly

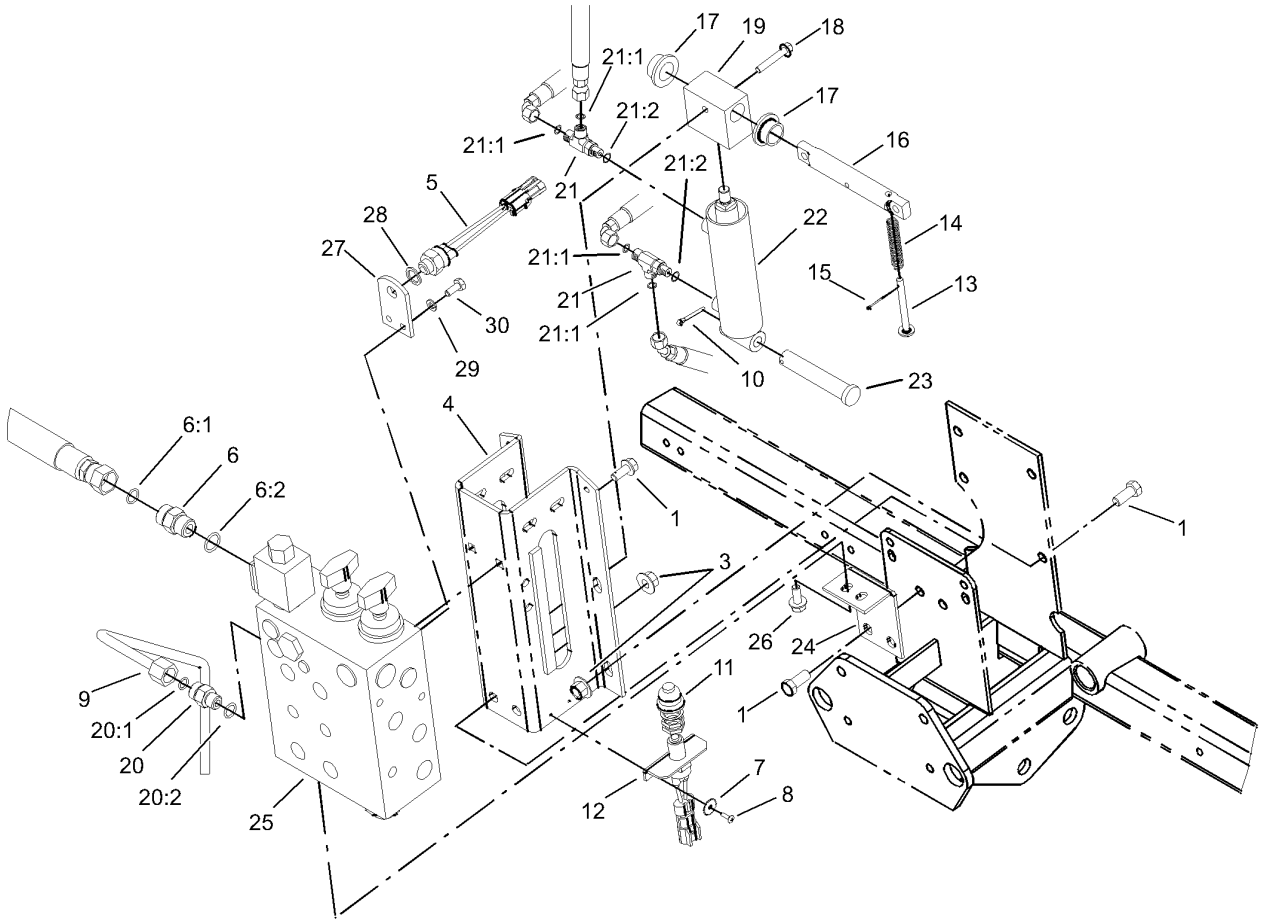
Ref	Part No.	Qty.	Description
1	3272-11	1	Pin-Cotter
2	92-1818-01	1	Arm-Spring, Tension
3	323-9	1	Screw-HH
4	32144-109	1	Screw
5	32144-14	1	Screw-HWH
6	93-6893	1	Pin-Pivot, Ram
7	92-1812	1	Shaft-Pivot, Lift
8	3296-39	1	Nut-Lock, NI
9	104-4002	1	Hose ASM
10	94-5008	1	Hose ASM
11	340-103	1	Fitting-Hyd, 45 DEG
11:1	237-78	1	O-Ring
11:2	237-21	1	O-Ring
12	340-92	1	Fitting-Hyd, Straight
12:1	237-78	1	O-Ring
12:2	237-21	1	O-Ring
13	93-6869	1	HYD Cylinder ASM
14	3256-26	2	Washer-Flat
15	93-6926	1	Pin-Clevis
16	322-4	1	Screw-HH
17	3253-4	2	Washer-Lock
18	322-26	1	Screw-HH
19	3256-57	1	Washer-Flat
20	94-3635	1	Center Lift Arm ASM

Ref	Part No.	Qty.	Description
20:2	93-6696	1	Decal-Warning
20:3	302-5	1	Fitting-Grease
20:4	3-0348	2	Bushing
21	256-115	1	Washer-Thrust
22	99-2338	1	Shaft-Pivot
23	3256-6	1	Washer-Flat
24	3234-32	1	Screw-HHF
25	323-4	1	Screw-HH
26	98-3445	1	Spacer
27	98-3446	1	Plate-Reinforcement



Hydraulic Cylinder Assembly No. 93-6869

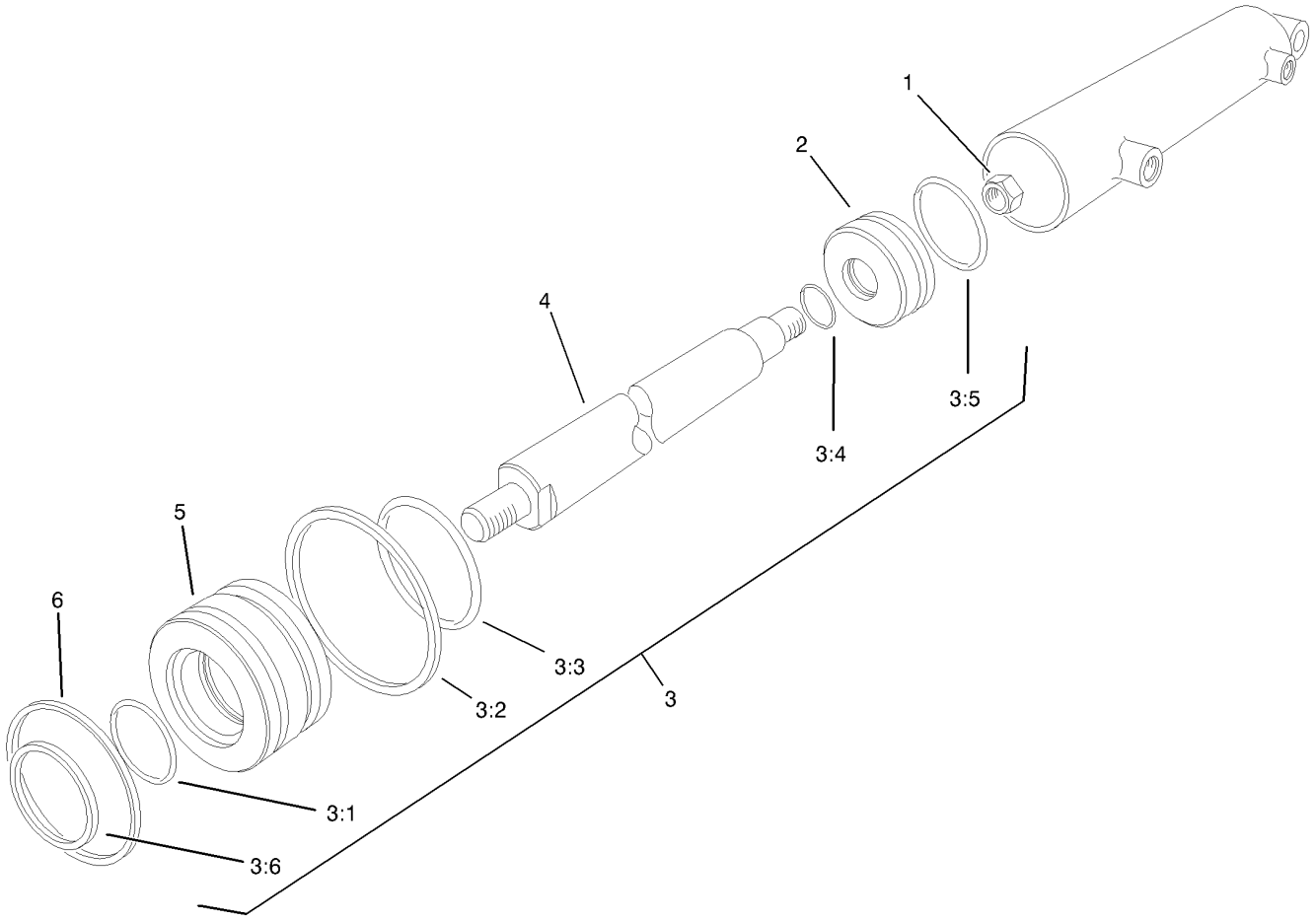
Ref	Part No.	Qty.	Description
1	94-3617	1	Clevis-Cylinder
2	32152-10	1	Locknut
3	94-3619	1	Seal Kit
❷4		1	Piston
❷5		1	Nut-Lock
6	302-58	1	Fitting-Grease



Front Lift Cylinder Assembly

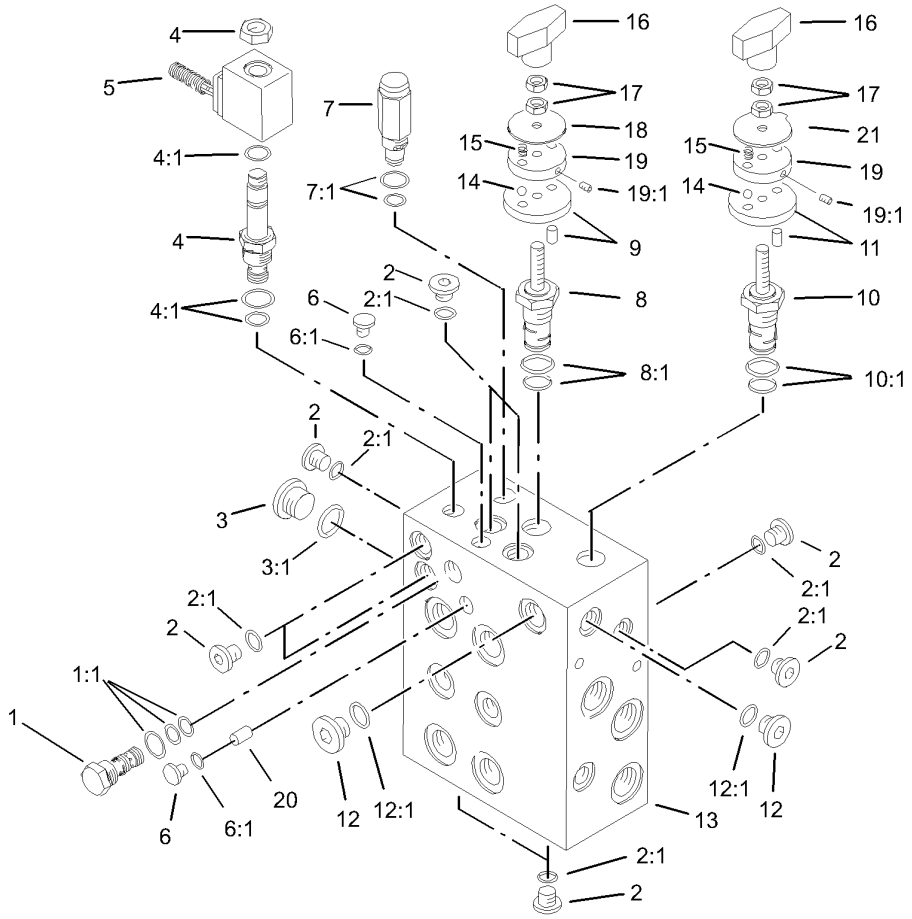
Ref	Part No.	Qty.	Description
1	3234-25	6	Bolt-HF
3	32128-43	6	Nut-Flange
4	104-3946-03	1	Cylinder Support ASM
5	72-4320	1	Switch-Ball, N.o.
6	340-4	1	Fitting-Hyd, Sraight
6:1	237-30	1	O-Ring
6:2	237-79	1	O-Ring
7	3254-9	2	Washer-Lock/int
8	32144-18	2	Screw-HH
9	104-4050	1	HYD Tube ASM
10	3272-11	1	Pin-Cotter
11	94-3429	1	Switch-Ball
12	94-3424	1	Bracket-Mount, Switch
13	94-5010	1	Pin-Actuator, Switch
14	94-5011	1	Spring-Compression
15	3272-4	1	Pin-Cotter
16	72-4190	1	Pin-Guide, Cylinder
17	84-8440	2	Bushing
18	321-43	1	Capscrew
19	61-2450	1	Hub-Lift
20	340-2	1	Fitting-Hyd, Straight
20:1	237-22	1	O-Ring
20:2	237-42	1	O-Ring
21	340-86	2	Fitting-Hyd, Tee

Ref	Part No.	Qty.	Description
21:1	237-22	2	O-Ring
21:2	237-42	1	O-Ring
22	94-5031	1	Cylinder-Lift, HYD
23	283-78	1	Pin-Clevis
24	93-6733-03	1	Bracket-Mount, Valve
25	104-3995	1	Manifold Block ASM
26	3234-5	3	Screw
27	98-8199	1	Bracket-Switch
28	3256-76	1	Washer-Flat
29	3253-3	2	Washer-Lock
30	329-3	2	Screw-HH



Hydraulic Lift Cylinder Assembly No. 94-5031

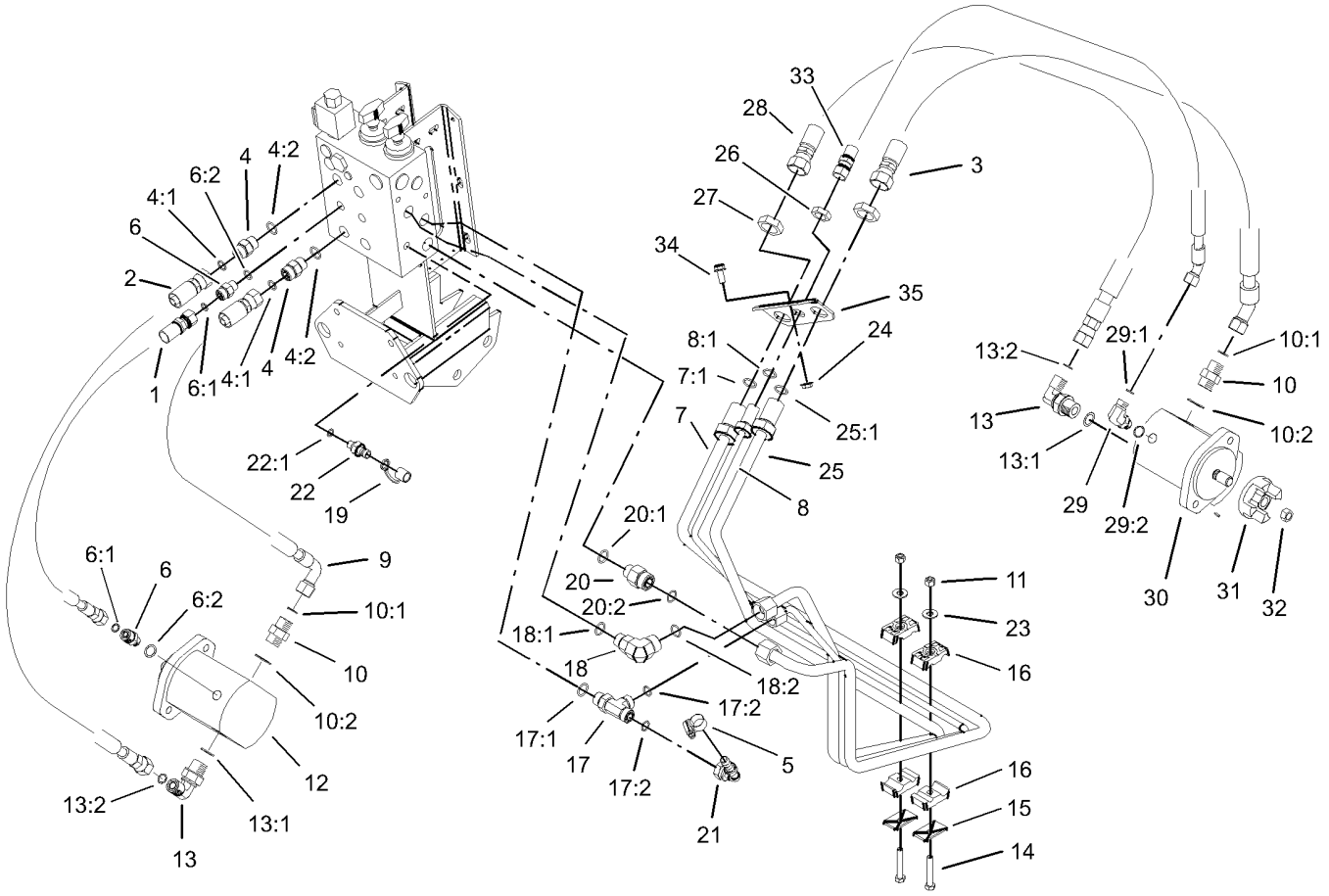
Ref	Part No.	Qty.	Description
❷1		1	Nut-Lock
❷2		1	Piston
3	94-3614	1	Seal Kit
❷3:1		1	O-Ring
❷3:2		1	Washer-Backup
❷3:3		1	O-Ring
❷3:4		1	O-Ring
❷3:5		1	Uniring
❷3:6		1	Seal-Dust
❷4		1	Shaft
❷5		1	Head
6	94-3612	1	Ring-Retaining



Manifold Block Assembly No. 104-3995

Ref	Part No.	Qty.	Description
1	95-5634	1	Cartridge-Logic, Spool
1:1	95-5641	1	Seal Kit
2	353-990	8	Plug
2:1	237-78	1	O-Ring
3	353-988	1	Plug-Hex, Hollow
3:1	237-79	1	O-Ring
4	93-7494	1	Cartridge
4:1	75-2080	1	Seal Kit
5	83-2010	1	Coil-Valve
6	353-991	2	Plug-Hex, Hollow
6:1	237-156	1	O-Ring
7	94-3655	1	Valve-Relief
7:1	75-2080	1	Seal Kit
8	94-3659	1	Control-Flow, Rotary
8:1	75-2080	1	Seal Kit
9	94-5025	1	Plate-Locating
10	94-3657	1	Spool ASM
10:1	94-3661	1	4-Way Seal Kit
11	94-5021	1	Plate-Locating
12	353-989	3	Plug-Hex, Hollow
12:1	237-42	1	O-Ring
❷13		1	Body-Manifold
14	255-13	4	Ball-Steel, Stainless
15	94-5027	4	Spring

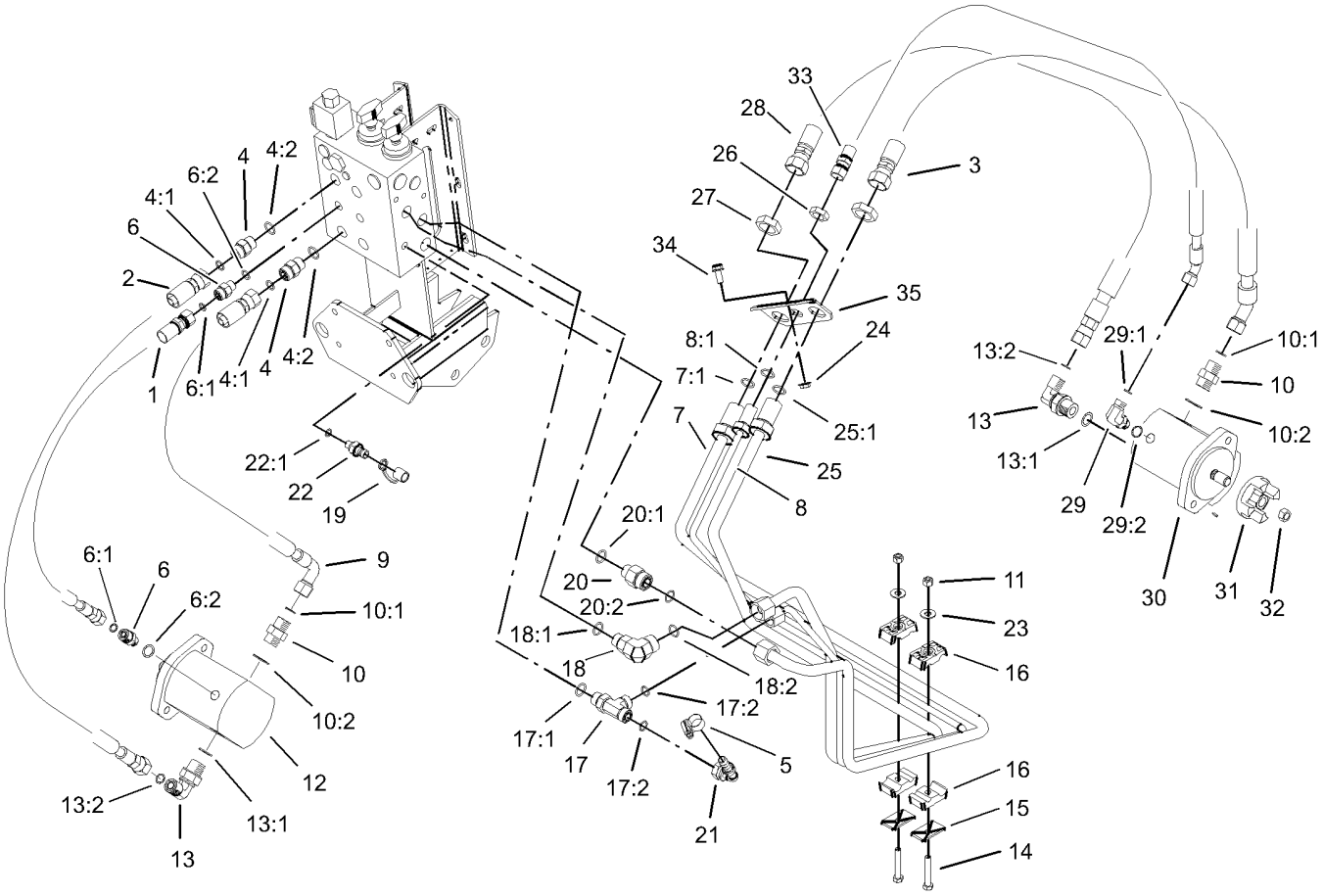
Ref	Part No.	Qty.	Description
16	94-5020	2	Knob ASM
17	3218-1	4	Nut-Jam
18	94-5026	1	Plate-Indicator
19	94-5023	2	Plate-Detent
19:1	3245-36	1	Screw-HSH
20	75-2070	1	Plug-Orifice
21	99-3543	1	Plate-Indicator



Reel Motor Assembly

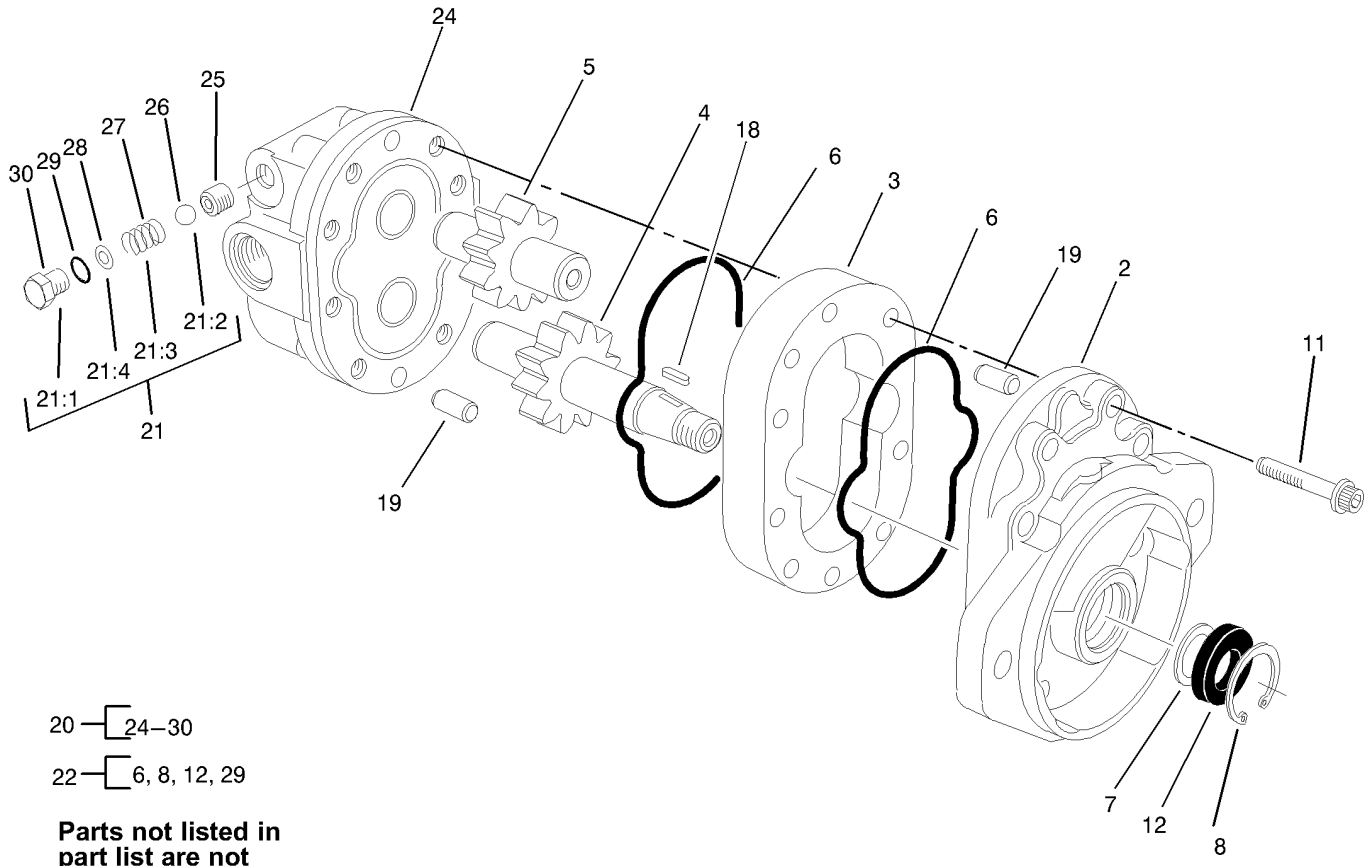
Ref	Part No.	Qty.	Description
1	94-5986	2	Hose ASM
2	94-5987	2	Hose ASM
3	94-5129	1	Hose ASM
4	340-4	4	Fitting-Hyd, Sraight
4:1	237-30	1	O-Ring
4:2	237-79	1	O-Ring
5	2412-36	1	Clamp-Hose
6	340-2	4	Fitting-Hyd, Straight
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	104-3950	1	Tube ASM
7:1	237-65	1	O-Ring
8	104-3951	1	Tube ASM
8:1	237-30	1	O-Ring
9	94-5985	2	Hose ASM
10	340-6	3	Fitting-Hyd, Straight
10:1	237-30	1	O-Ring
10:2	237-80	1	O-Ring
11	3296-29	2	Nut-Lock, NI
12	93-6972	2	Motor-Gear
13	340-105	3	Fitting-Hyd, 90 DEG
13:1	237-80	1	O-Ring
13:2	237-30	1	O-Ring
14	322-10	2	Screw-HH

Ref	Part No.	Qty.	Description
15	69-9760	2	Coverplate
16	56-7970	4	Clamp-Tube
17	340-109	1	Fitting-Hyd, Tee
17:1	237-79	1	O-Ring
17:2	237-30	2	O-Ring
18	340-153	1	Fitting-HYD
18:1	237-79	1	O-Ring
18:2	237-151	1	O-Ring
19	354-79	1	Cap-Dust
20	340-155	1	Fitting-Hyd, Straight
20:1	237-79	1	O-Ring
20:2	237-151	1	O-Ring
21	93-6803	1	Fitting-90 DEG
22	354-77	1	Fitting-Quick
22:1	237-78	1	O-Ring
23	3256-3	2	Washer-Flat
24	32128-44	2	Nut
25	104-3949	1	Tube ASM
25:1	237-65	1	O-Ring
26	340-70	1	Nut-Lock
27	340-74	2	Locknut-Bulkhead
28	93-6790	1	Hose-HYD
29	340-77	1	Fitting-Hyd, 90 DEG
29:1	237-22	1	O-Ring



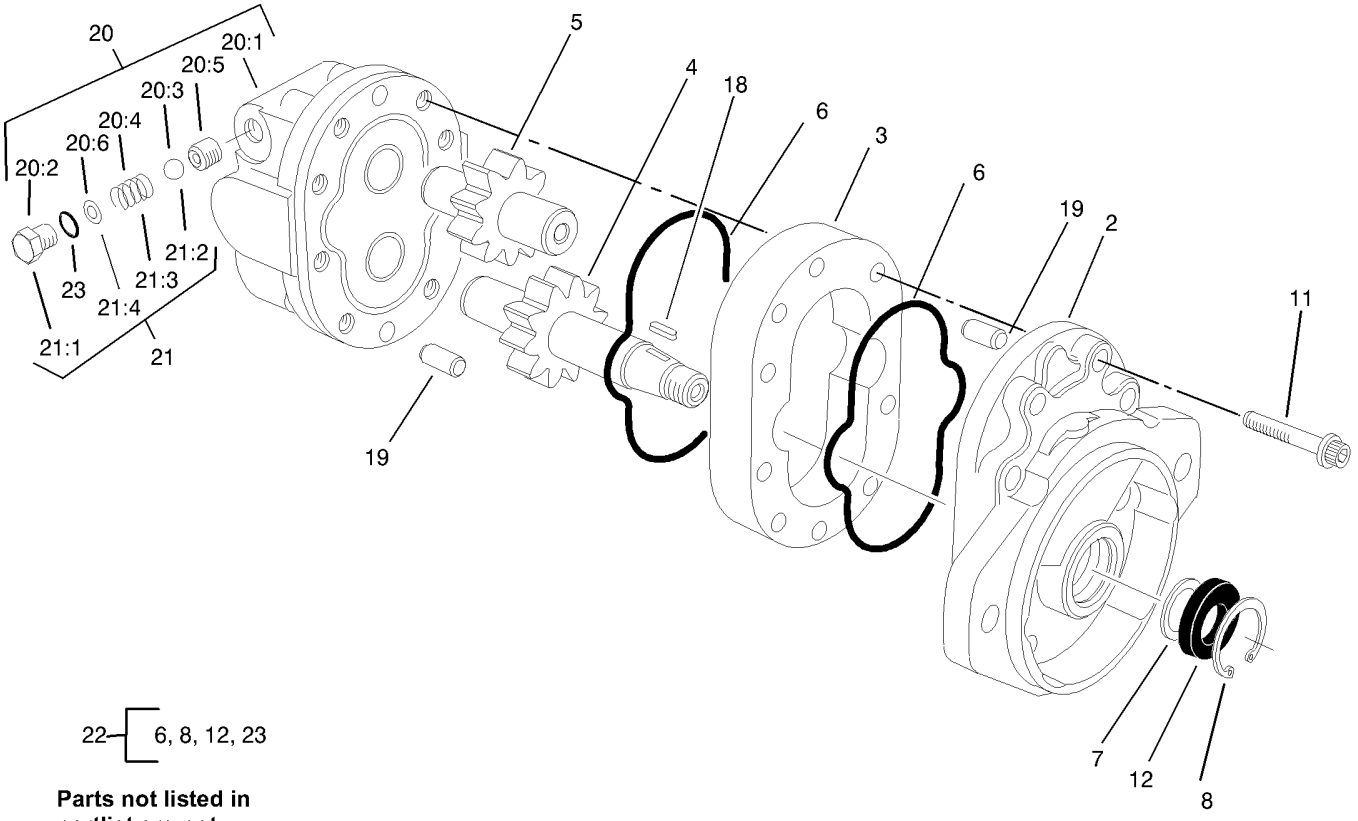
Reel Motor Assembly (continued)

Ref	Part No.	Qty.	Description
29:2	237-42	1	O-Ring
30	93-6975	1	Motor-Gear
31	93-8823	3	Coupler-Motor, Reel
32	32128-48	3	Nut-HHF
33	93-6789	1	Hose-HYD
34	3234-5	2	Screw
35	93-6796-01	1	Bracket-Bulkhead



Gear Motor Assembly No. 93-6972

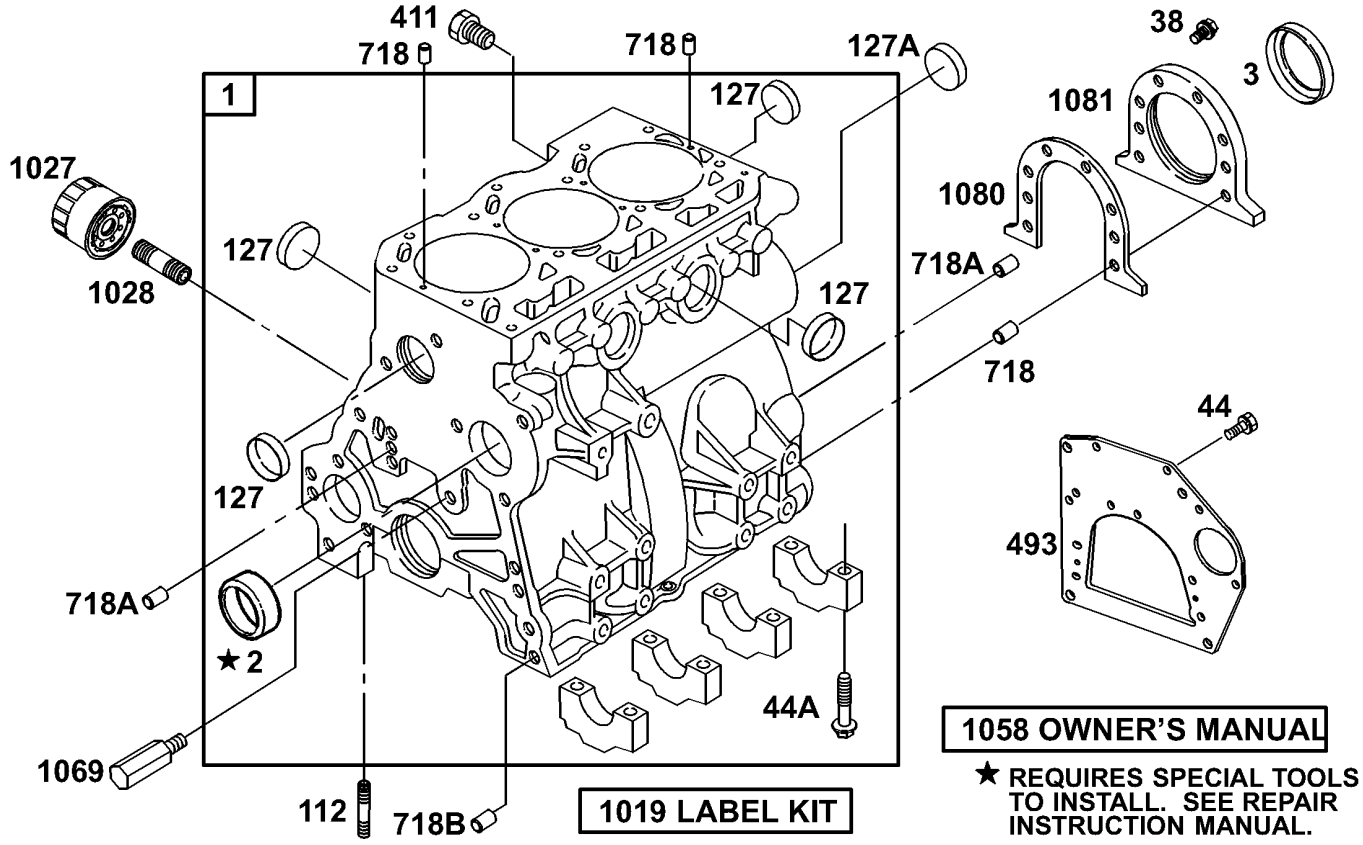
Ref	Part No.	Qty.	Description
2	66-5730	1	Front Plate ASM
3	94-3603	1	Motor Body ASM
4	94-3602	1	Drive Gear ASM
5	94-3601	1	Idler Gear ASM
6	59-8420	2	Ring
7	60-5890	1	Washer
8	59-8320	1	Ring-Retaining
11	94-3600	8	Capscrew
12	66-5710	1	Seal-Shaft
18	94-3606	1	Key
19	42-2010	2	Pin-Dowel
20	94-3604	1	Backplate ASM
21	92-9260	1	Relief Valve Kit
❷21:1		2	Plug
❷21:2		2	Ball
❷21:3		2	Spring
❷21:4		2	Shim
22	93-1413	1	Seal Kit



Parts not listed in partlist are not serviced separately.

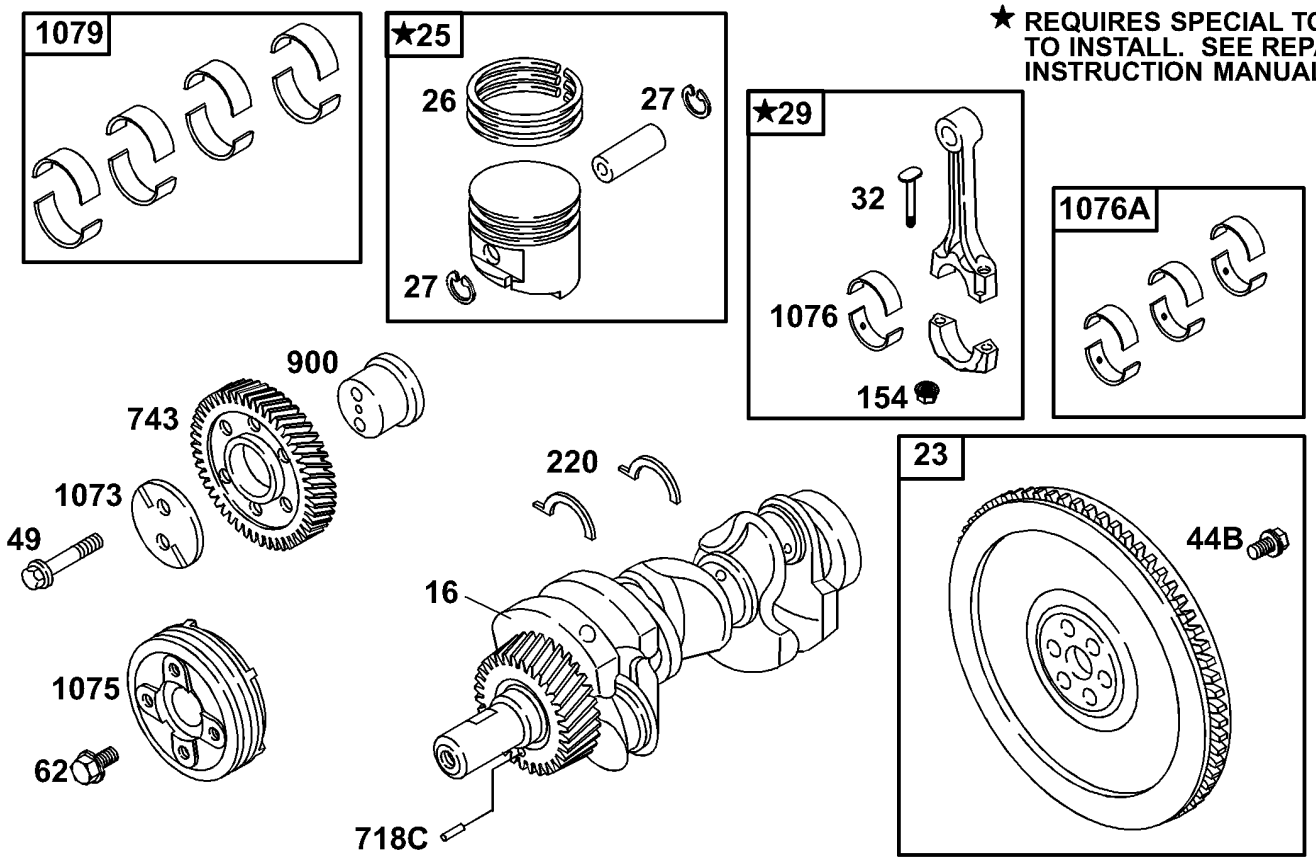
Gear Motor Assembly No. 93-6975

Ref	Part No.	Qty.	Description
2	66-5730	1	Front Plate ASM
3	94-3603	1	Motor Body ASM
4	94-3602	1	Drive Gear ASM
5	94-3601	1	Idler Gear ASM
6	59-8420	2	Ring
7	60-5890	1	Washer
8	59-8320	1	Ring-Retaining
11	94-3600	8	Capscrew
12	66-5710	1	Seal-Shaft
18	94-3606	1	Key
19	42-2010	2	Pin-Dowel
20	94-3605	1	Backplate ASM
❷20:1		1	Backplate
❷20:2		2	Plug
❷20:3		2	Ball
❷20:4		2	Spring
❷20:5		2	Seat
❷20:6		2	Shim
21	92-9260	1	Relief Valve Kit
❷21:1		2	Plug
❷21:2		2	Ball
❷21:3		2	Spring
❷21:4		2	Shim
22	93-1413	1	Seal Kit



Cylinder Assembly

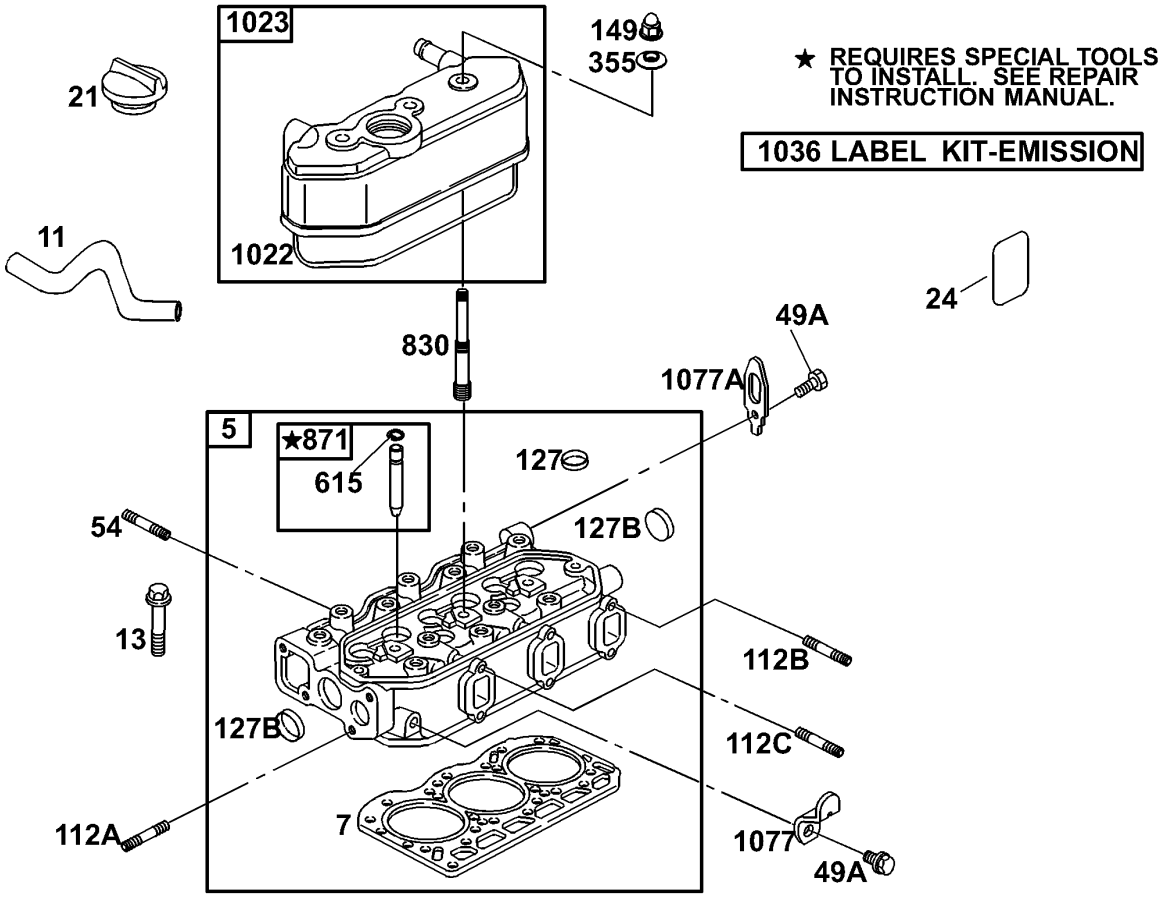
Ref	Part No.	Qty.	Description
1	100-6401	1	Cylinder ASM
2	99-9002	1	Bushing
3	99-9003	1	Seal-Oil
38	99-9004	6	Screw-Hex
44	99-9005	3	Screw-Hex
112	99-9007	1	Stud-Metric
127	99-9008	7	Plug-Welch
411	99-9601	1	Plug (Cylinder Block)
44A	99-9006	8	Screw-Hex
493	99-9011	1	Bracket-Mounting
718	99-9012	4	Pin-Locating
1019	99-9015	1	Label Kit
1027	99-9017	1	Filter-Oil
1028	99-9018	1	Adapter-Filter, Oil
1058	99-9602	1	Manual-Owner's
1069	99-9020	1	Nozzle-Oil
1080	99-9021	1	Gasket-Retainer
1081	99-9022	1	Retainer-Seal
127A	99-9010	1	Plug-Welch
718A	99-9013	3	Pin-Locating
718B	99-9014	2	Pin-Locating



Crankshaft Assembly

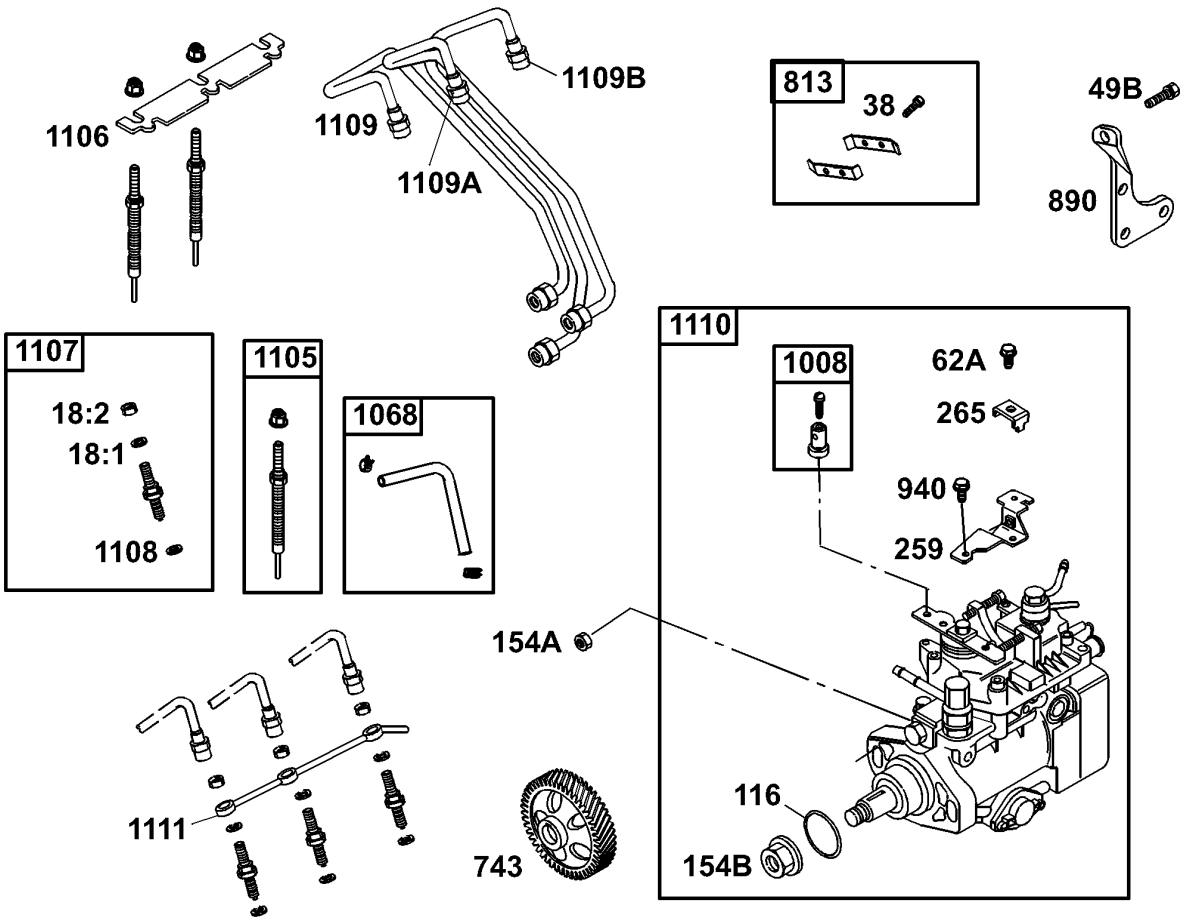
Ref	Part No.	Qty.	Description
16	99-9252	1	Crankshaft
23	99-9267	1	Flywheel
25	99-9605	3	Piston ASM
25	99-9268	3	Piston ASM-.010" Oversized
26	99-9606	3	Ring Set
26	99-9269	3	Ring Set-.010" Oversized
27	99-9607	6	Lock-Pin, Piston
29	99-9608	3	Rod-Connecting
32	99-9030	6	Screw-Rod, Connecting
49	99-9032	2	Screw-Hex
62	99-9033	1	Screw-Hex
154	99-9034	6	Nut-Hex
220	99-9035	1	Washer-Thrust
220	99-9036	1	Washer-Thrust, .005 Oversize
44B	99-9031	6	Screw-Hex
743	99-9609	1	Gear-Drive
900	99-9039	1	Shaft-Gear
1073	99-9040	1	Plate-Gear, Idler
1075	99-9692	1	Pully-Crankshaft
1076	99-9042	1	Bearing-Rod
1079	99-9045	1	Bearing Set (Main)set Of 8
1079	99-9046	1	Bearing Set (.010 Undersize)
718C	99-9037	1	Pin-Locating
1076A	99-9043	3	Rod Bearing Set

Ref	Part No.	Qty.	Description
1076A	99-9044	3	Rod Bearing Set (.010 Undersize)



Cylinder Head Assembly

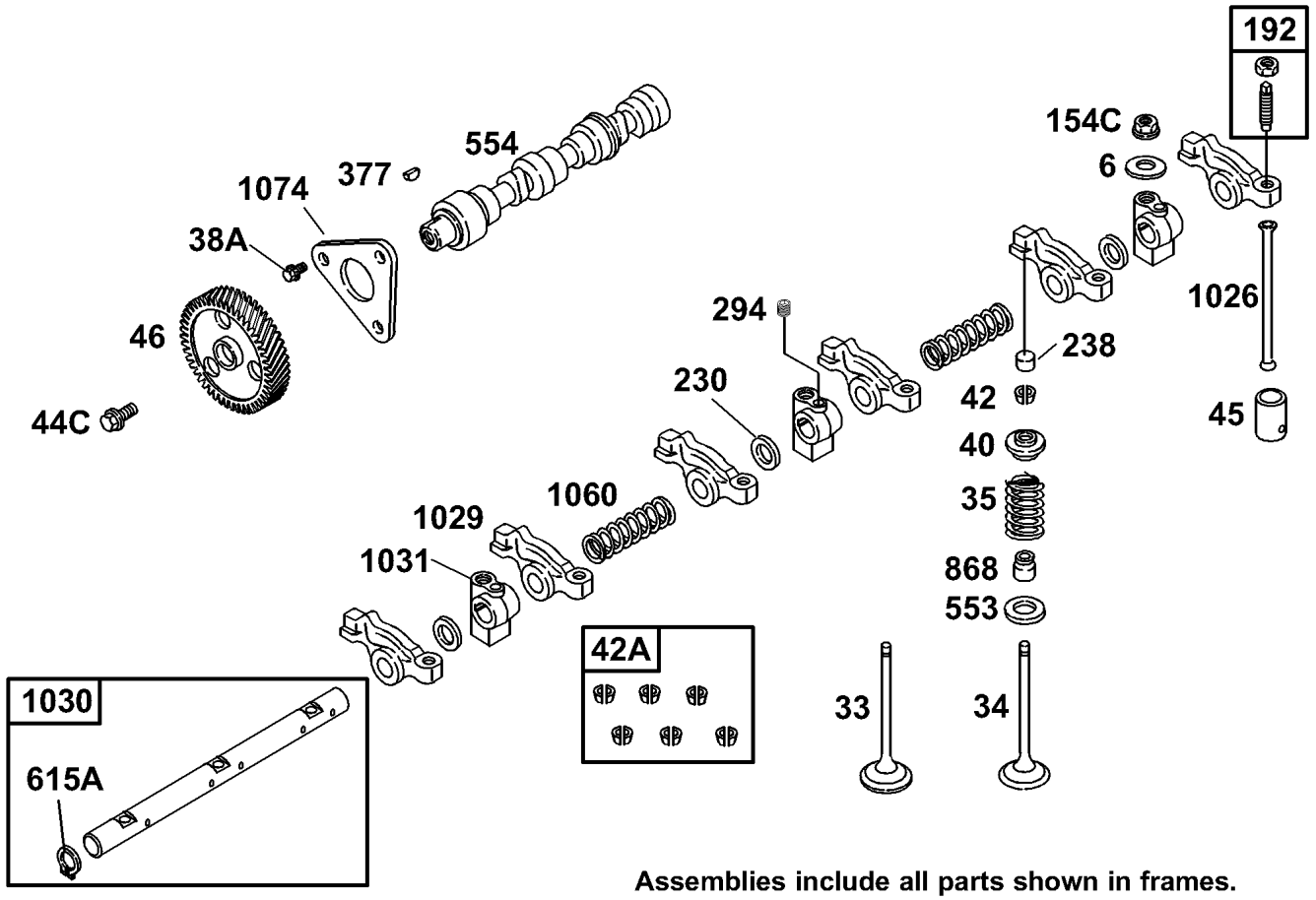
Ref	Part No.	Qty.	Description
5	99-9611	1	Head-Cylinder
7	99-9612	1	Gasket-Head, Cylinder
11	104-7743	1	Tube-Breather
13	99-9614	14	Screw-Metric
21	99-9052	1	Cap-Fill, Oil
24	105-3817	1	Label-Fill, Oil
54	99-9055	2	Stud-Metric
127	99-9008	2	Plug-Welch
149	99-9061	3	Nut-Hex, Metric
355	99-9063	3	Washer-Seal
49A	99-9054	2	Screw-Hex
615	99-9067	6	Retainer
830	99-9101	3	Stud-Arm, Rocker
871	99-9070	6	Bushing-Guide
1022	99-9073	1	Gasket-Cover, Rocker
1023	100-6402	1	Cover-Rocker
1036	99-9615	1	Emission Label Kit
1077	99-9076	1	Bracket-Lifting
112A	99-9057	2	Stud-Metric
112B	99-9058	5	Stud-Metric
112C	99-9059	1	Stud-Metric
127B	99-9060	2	Plug-Welch
1077A	99-9077	1	Bracket-Lifting



Injection Assembly

Ref	Part No.	Qty.	Description
38	99-9004	2	Screw-Hex
116	99-9618	1	O-Ring
259	99-9621	1	Bracket-Clamp, Casing
265	99-9622	1	Clamp-Casing
49B	99-9616	4	Screw-Hex
62A	100-6403	1	Screw-Metric
743	99-9624	1	Gear-Drive
813	99-9625	1	Clamp
890	99-9626	1	Bracket-Support
940	100-6410	2	Screw-Hex
1008	99-9628	1	Clamp-Swivel
1068	99-9629	1	Hose/clamp ASM
1105	99-9630	3	Plug-Glow
1106	99-9631	1	Strap-Plug, Glow
1107	99-9632	3	Nozzle-Injector
1108	99-9633	3	Seat-Injector
1109	99-9690	1	Pipe-Injector, #1
1110	104-3970	1	Pump-Injection
1111	99-9637	1	Pipe-Return, Fuel
154A	99-9619	2	Nut-Hex, Metric
154B	99-9620	1	Nut-Hex, Metric
1109A	99-9634	1	Pipe-Injector, #2
1109B	99-9635	1	Pipe-Injector, #3
18:1	100-5148	1	Washer

Ref	Part No.	Qty.	Description
18:2	100-5149	1	Nut-Hex

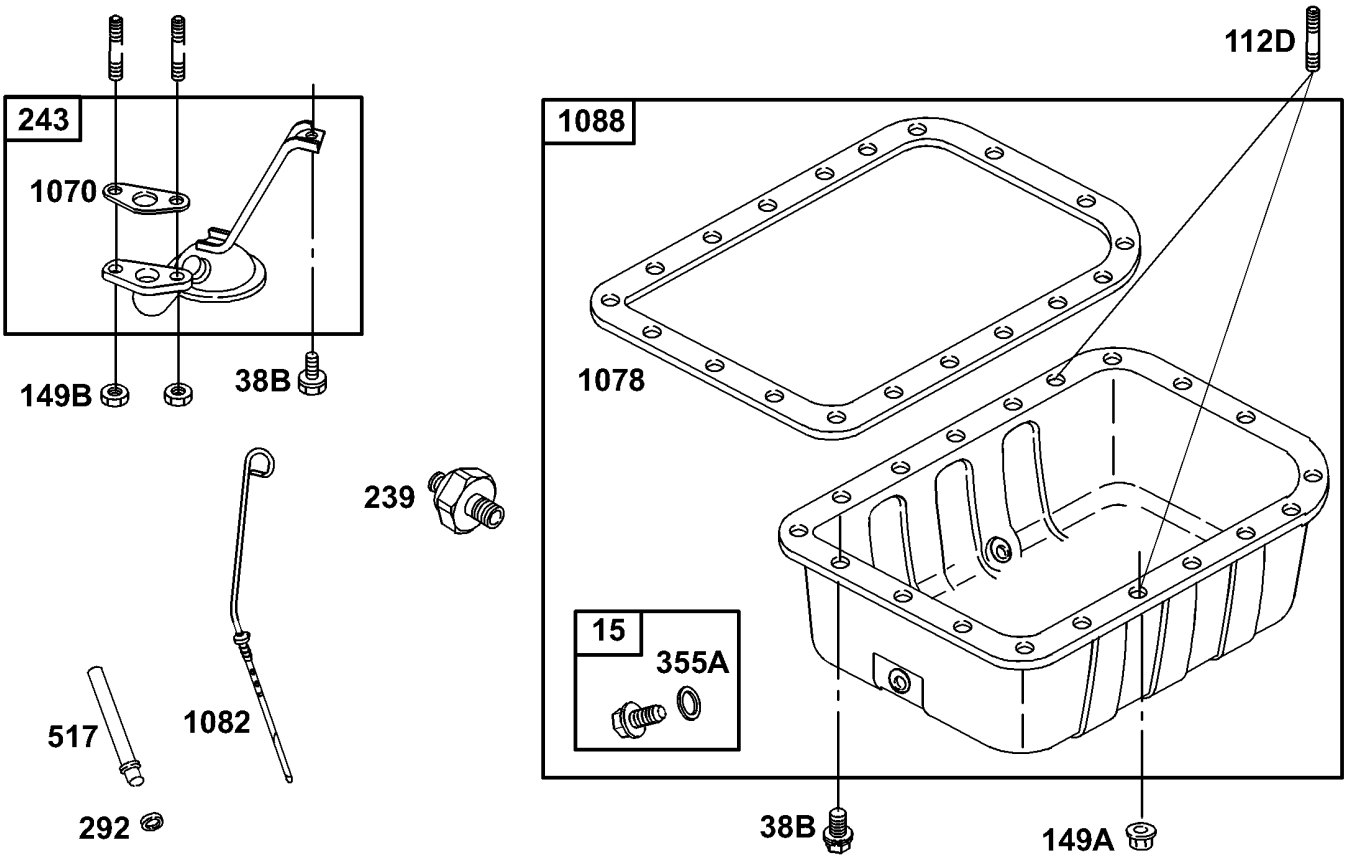


Assemblies include all parts shown in frames.

Rocker Arm Assembly

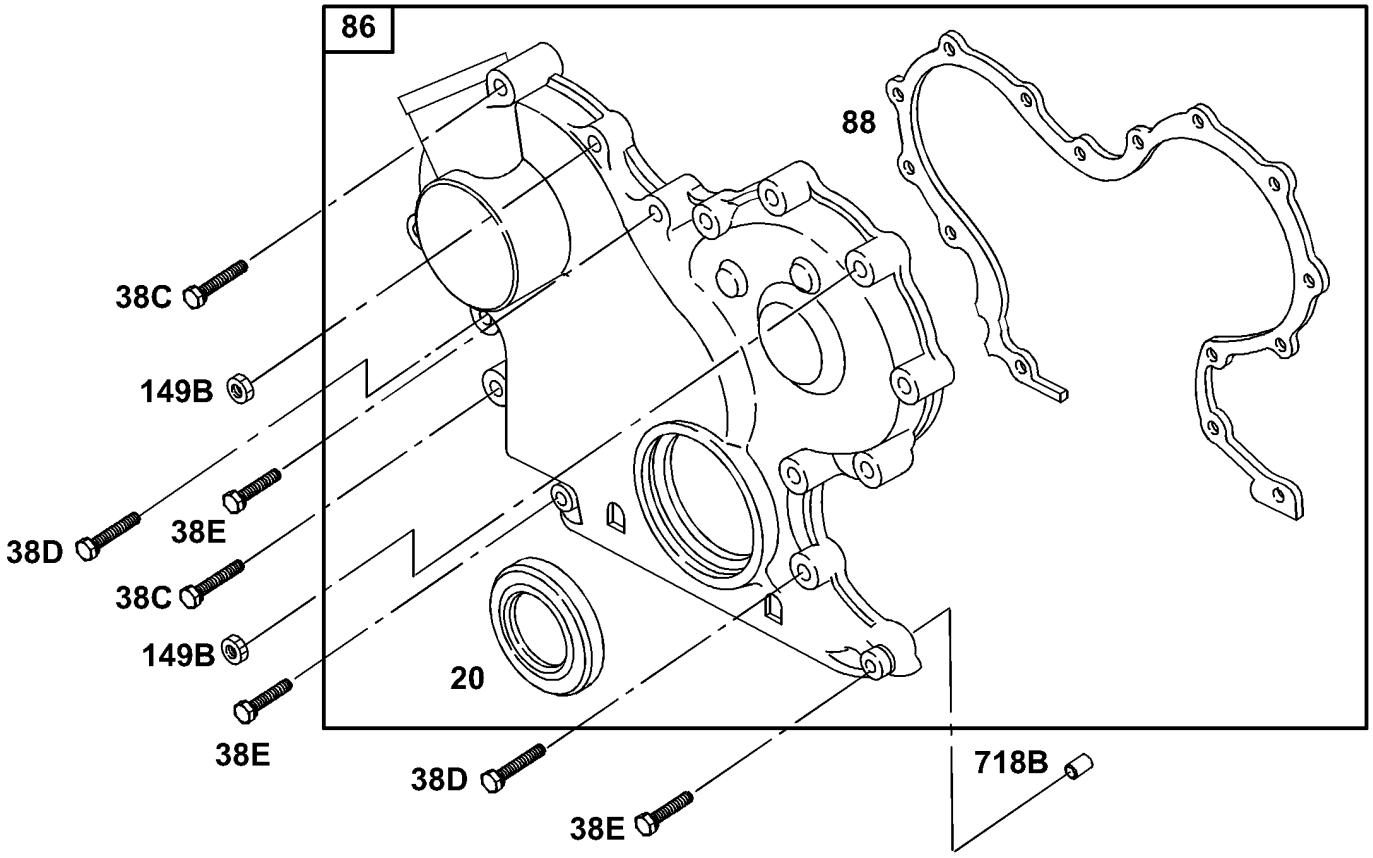
Ref	Part No.	Qty.	Description
6	99-9079	3	Washer-Flat
33	99-9638	3	Valve-Exhaust
34	99-9639	3	Valve-Intake
35	99-9640	6	Spring-Valve
40	99-9084	6	Retainer-Valve
42	99-9086	1	Keeper-Valve
45	99-9088	6	Tappet-Valve
46	99-9641	1	Gear-Cam
192	99-9092	6	Adjuster-Arm, Rocker
230	99-9093	3	Washer-Spacer
238	99-9094	6	Cap-Valve
294	99-9090	1	Screw-Metric
377	99-9642	1	Key-Timing
38A	99-9083	3	Screw-Hex
42A	99-9087	6	Keeper-Valve (Set Of Six)
44C	99-9085	1	Screw-Metric
553	99-9096	6	Seat-Spring, Valve
554	99-9097	1	Shaft-Cam
868	99-9643	6	Seal-Valve
1026	99-9103	6	Rod-Push
1029	99-9104	1	Arm-Rocker
1030	99-9106	1	Shaft-Arm, Rocker
1031	99-9107	3	Support-Arm, Rocker
1060	99-9108	2	Spring-Shaft, Rocker

Ref	Part No.	Qty.	Description
1074	99-9109	1	Retainer-Camshaft
154C	99-9091	3	Nut-Hex, Metric
615A	99-9099	2	Retainer



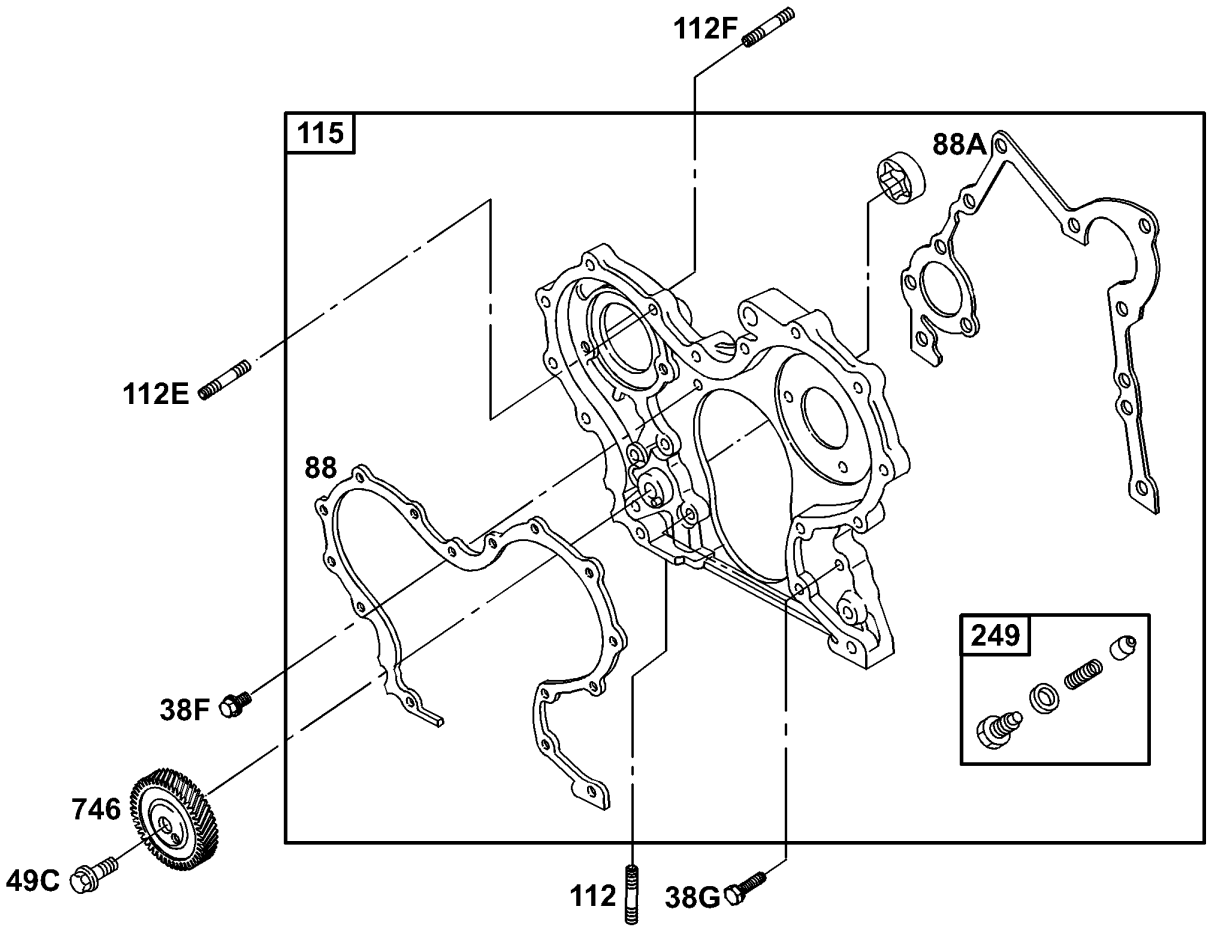
Oil Pan Assembly

Ref	Part No.	Qty.	Description
15	99-9644	2	Plug-Drain, Oil
239	99-9115	1	Switch-Pressure, Oil
243	99-9116	1	Screen-Pump, Oil
292	99-9265	1	O-Ring (Dipstick)
38B	99-9111	18	Screw-Hex
517	99-9271	1	Collar-Tube, Dipstick
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1082	99-9272	1	Dipstick
1088	99-9649	1	Pan-Oil
112D	99-9112	2	Stud-Metric
149A	99-9113	2	Nut-Hex, Metric
149B	99-9114	2	Nut-Hex, Metric
355A	99-9645	1	Washer-Seal



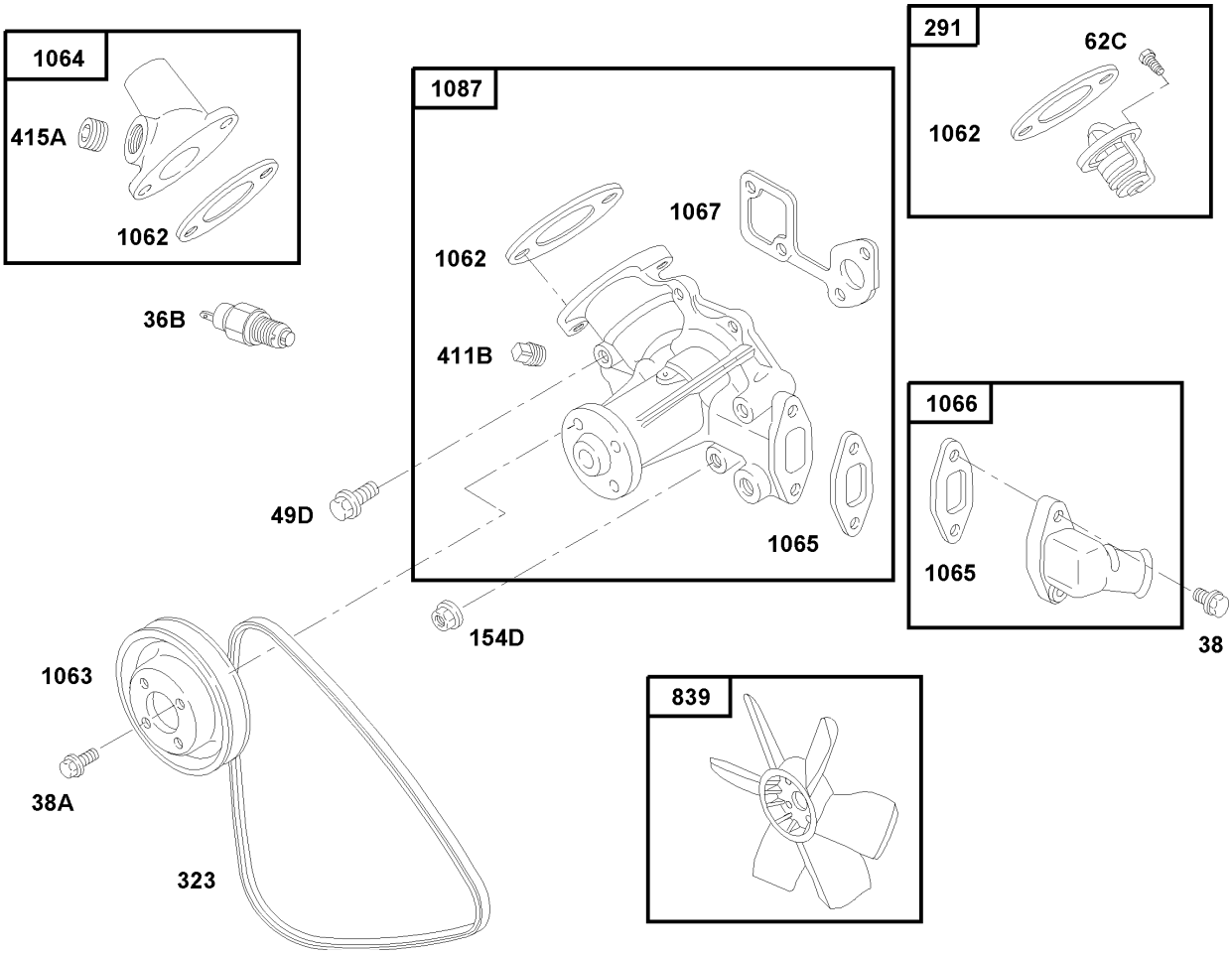
Cover Assembly

Ref	Part No.	Qty.	Description
20	99-9126	1	Seal-Oil
86	99-9652	1	Gear Cover ASM
88	99-9653	1	Gasket-Cover, Gear
38C	99-9651	2	Screw-Hex
38D	99-9128	9	Screw-Hex
38E	99-9129	3	Screw-Hex
149B	99-9114	2	Nut-Hex, Metric
718B	99-9014	1	Pin-Locating



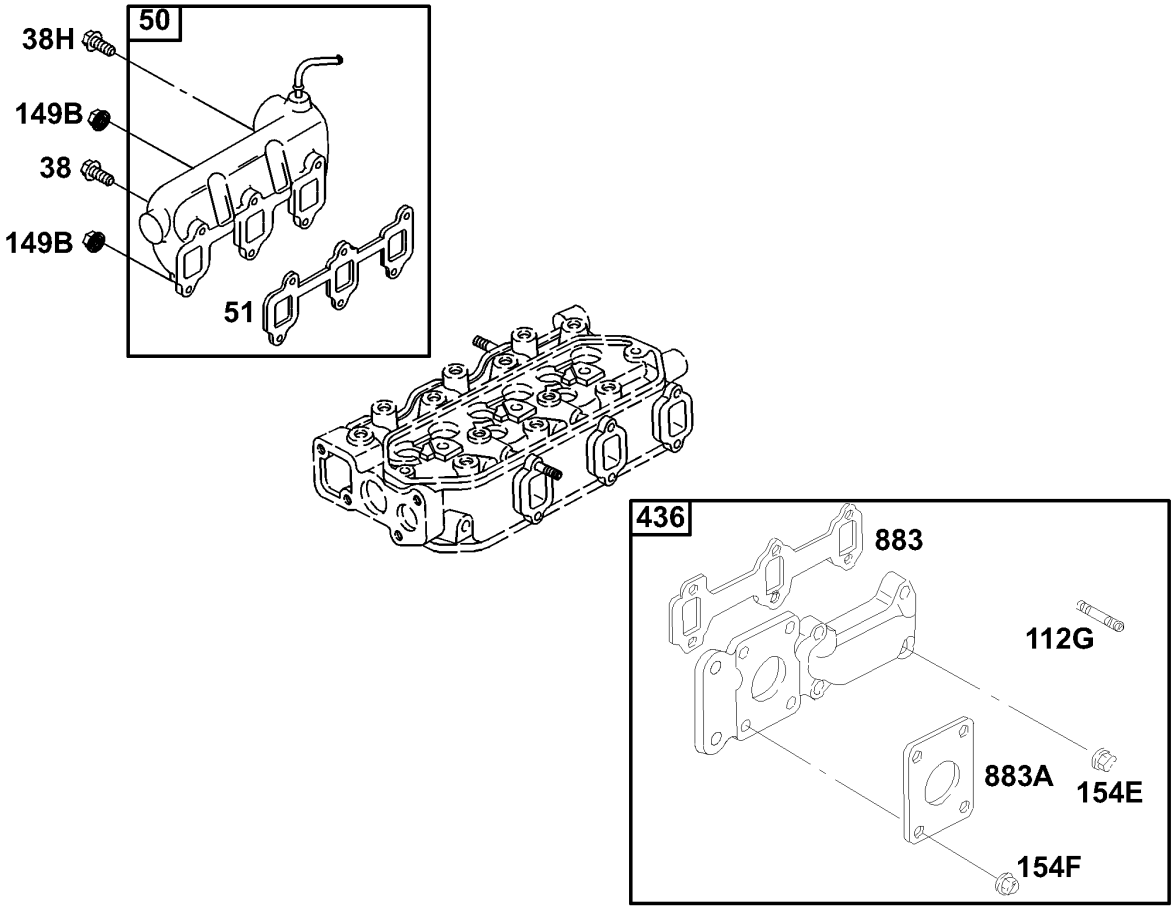
Gear Housing Assembly

Ref	Part No.	Qty.	Description
88	99-9653	1	Gasket-Cover, Gear
112	99-9007	1	Stud-Metric
115	99-9655	1	Housing-Gear
249	99-9142	1	Valve-Relief, Oil
38F	99-9134	1	Screw-Hex
38G	99-9133	4	Screw-Hex
49C	99-9135	1	Screw-Hex
746	99-9656	1	Gear-Drive
88A	99-9136	1	Gasket-Cover, Gear
112E	99-9137	2	Stud-Metric
112F	99-9654	2	Stud-Metric



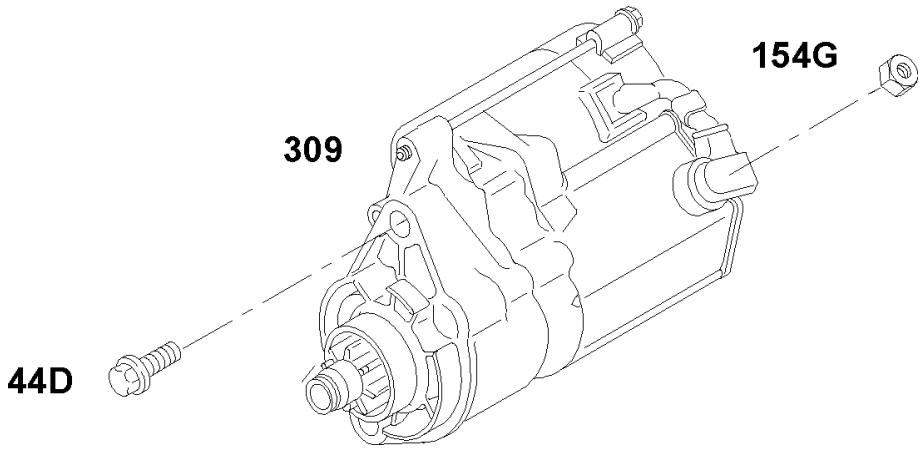
Water Pump Assembly

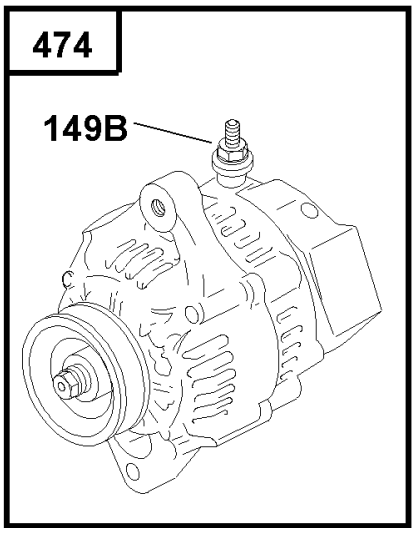
Ref	Part No.	Qty.	Description
38	99-9004	2	Screw-Hex
291	99-9155	1	Thermostat
323	99-8153	1	Belt-V
36B	99-9157	1	Switch-Temp., Water
38A	99-9111	4	Screw-Hex
49D	99-9151	2	Screw-Hex
62C	99-9152	1	Screw-Metric
839	104-3969	1	Fan-Engine,320mm, #825454
1062	99-9163	1	Gasket-Outlet
1063	99-9164	1	Pulley-Pump
1064	99-9165	1	Housing-Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1066	99-9167	1	Housing-Inlet
1067	99-9168	1	Gasket-Pump, Water
1087	105-3832	1	Pump-Water
154D	99-9153	1	Nut-Hex, Metric
411B	99-9159	1	Plug
415A	99-9158	1	Plug

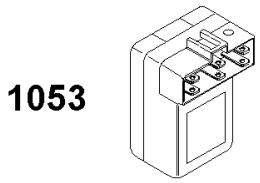


Manifold Assembly

Ref	Part No.	Qty.	Description
38	99-9004	1	Screw-Hex
50	99-9661	1	Manifold-Intake
51	99-9662	1	Gasket-Intake
38H	99-9660	3	Screw-Hex
436	99-9177	1	Manifold-Exhaust
883	99-9178	1	Gasket-Exhaust
112G	100-6407	4	Stud-Manifold, Exhaust
149B	99-9114	2	Nut-Hex, Metric
154E	99-9175	6	Nut-Hex, Metric
154F	99-9176	4	Nut-Hex
883A	99-9179	1	Gasket-Exhaust

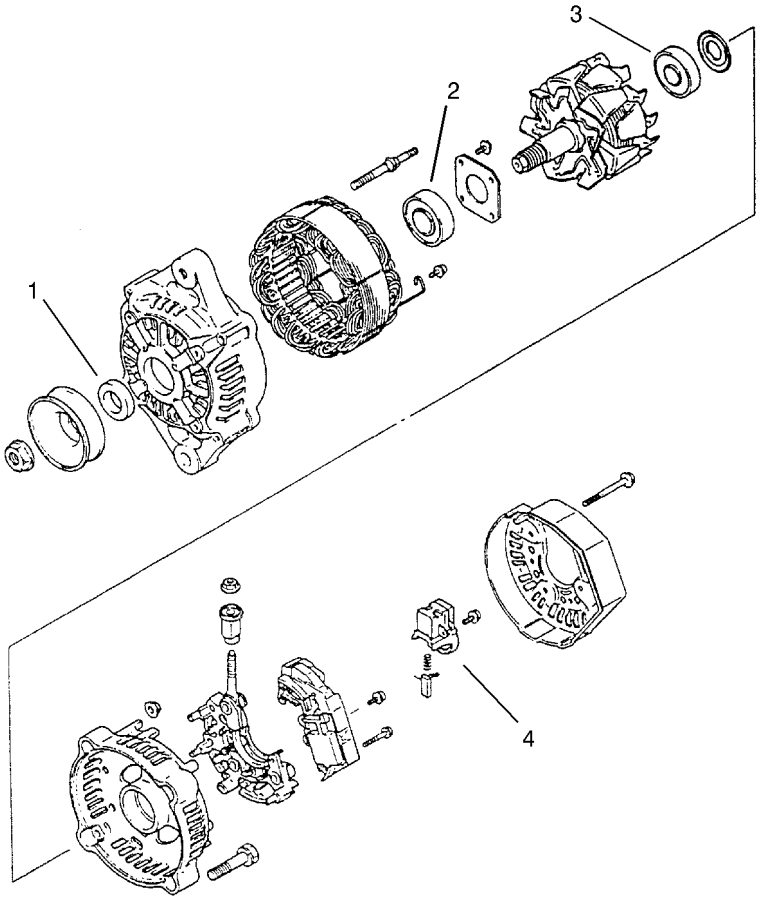






Alternator Assembly

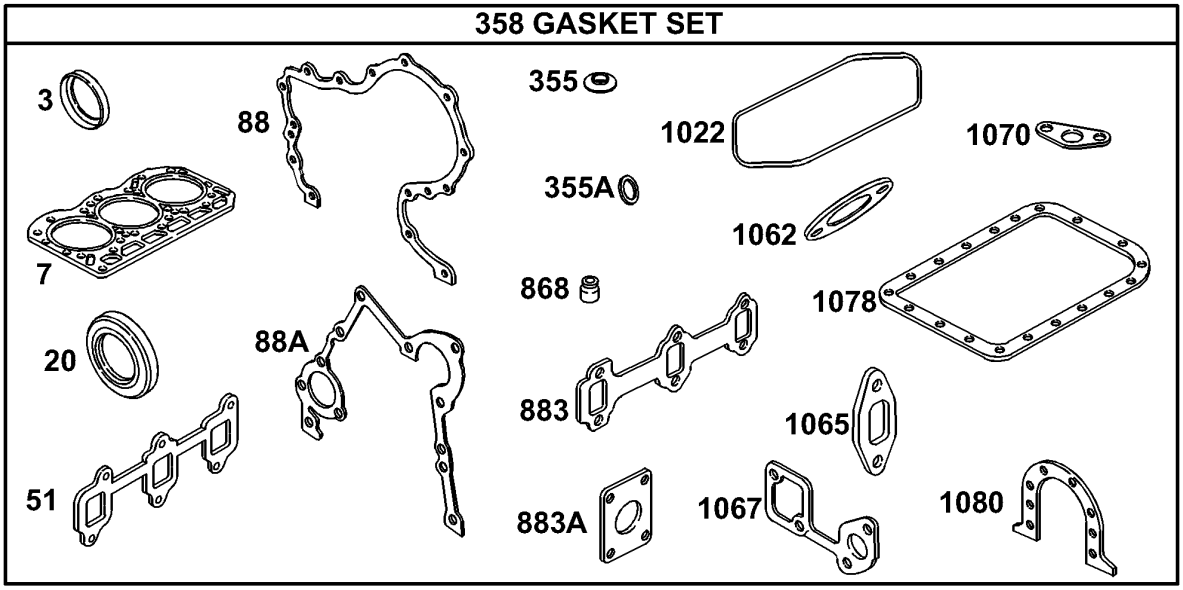
Ref	Part No.	Qty.	Description
309	99-9207	1	Motor-Starter
44D	99-9201	2	Screw-Hex
474	99-9209	1	Alternator
1053	99-9666	1	Module
149B	99-9114	1	Nut-Hex, Metric
154G	99-9206	1	Nut-Hex, Metric

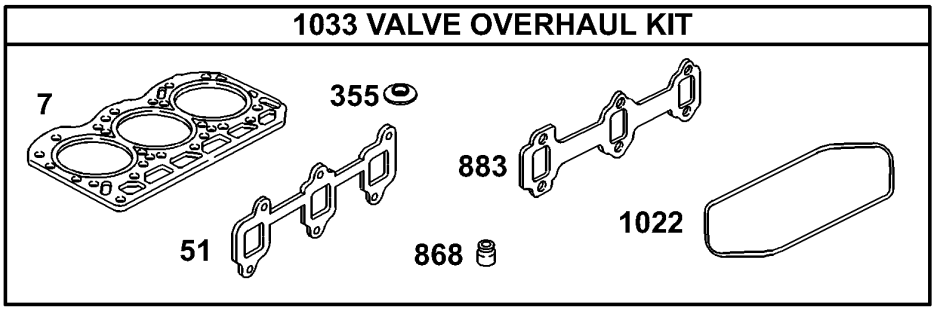


Parts not listed in part list are not serviced separately

Alternator Assembly No. 99-9209

Ref	Part No.	Qty.	Description
1	100-5315	1	Collar
2	100-5316	1	Bearing
3	100-5317	1	Bearing
4	100-5318	1	Brush Holder ASM





Gasket and Valve Overhaul Kit

Ref	Part No.	Qty.	Description
3	99-9003	1	Seal-Oil
7	99-9612	1	Gasket-Head, Cylinder
20	99-9126	1	Seal-Oil
51	99-9662	1	Gasket-Intake
88	99-9653	1	Gasket-Cover, Gear
355	99-9063	1	Washer-Seal
358	99-9667	1	Gasket-Set
868	99-9643	6	Seal-Valve
883	99-9178	1	Gasket-Exhaust
88A	99-9136	1	Gasket-Cover, Gear
1022	99-9073	1	Gasket-Cover, Rocker
1033	99-9668	1	Valve Overhaul Kit
1062	99-9163	1	Gasket-Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1067	99-9168	1	Gasket-Pump, Water
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1080	99-9021	1	Gasket-Retainer
355A	99-9645	1	Washer-Seal
883A	99-9179	1	Gasket-Exhaust

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