Form Number 3350-885

Multi-Pro® 1250 Turf Sprayer

Model No. 41106 - 230000413 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.

PROTOTYPE

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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

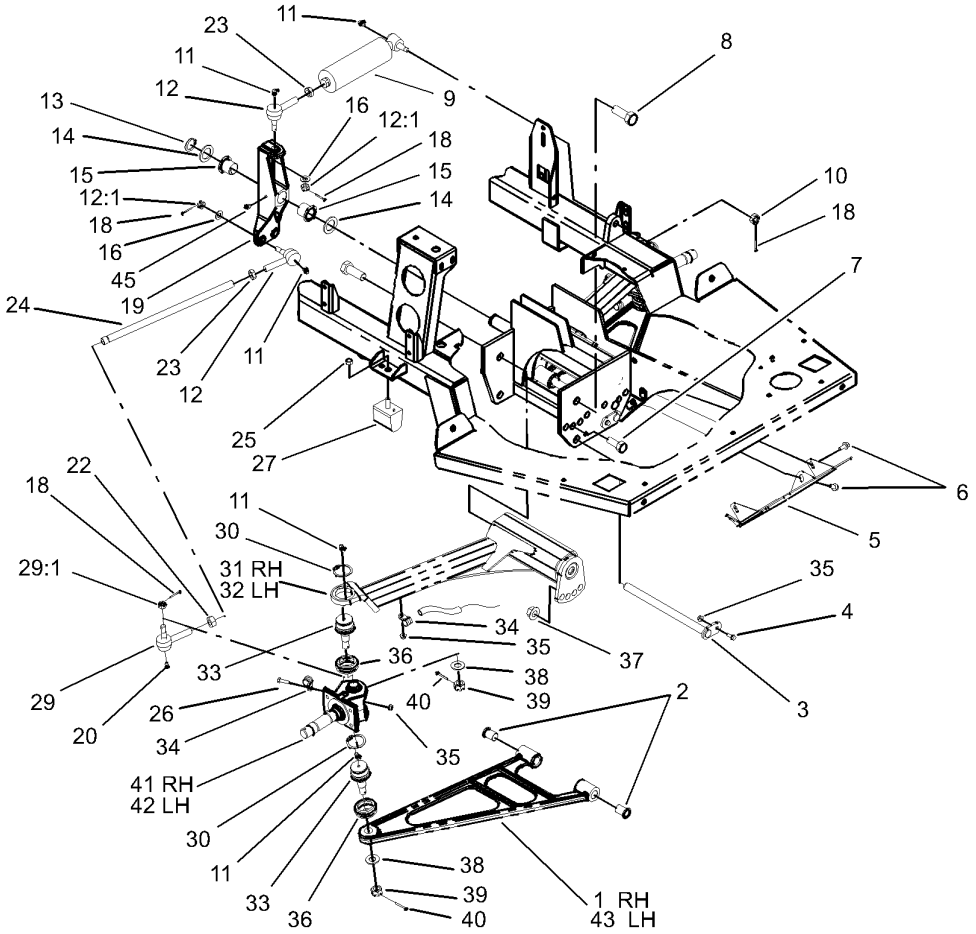
❶ Not illustrated
❷ Not serviced separately
❸ Obtain Parts From Kohler

PROTOTYPE

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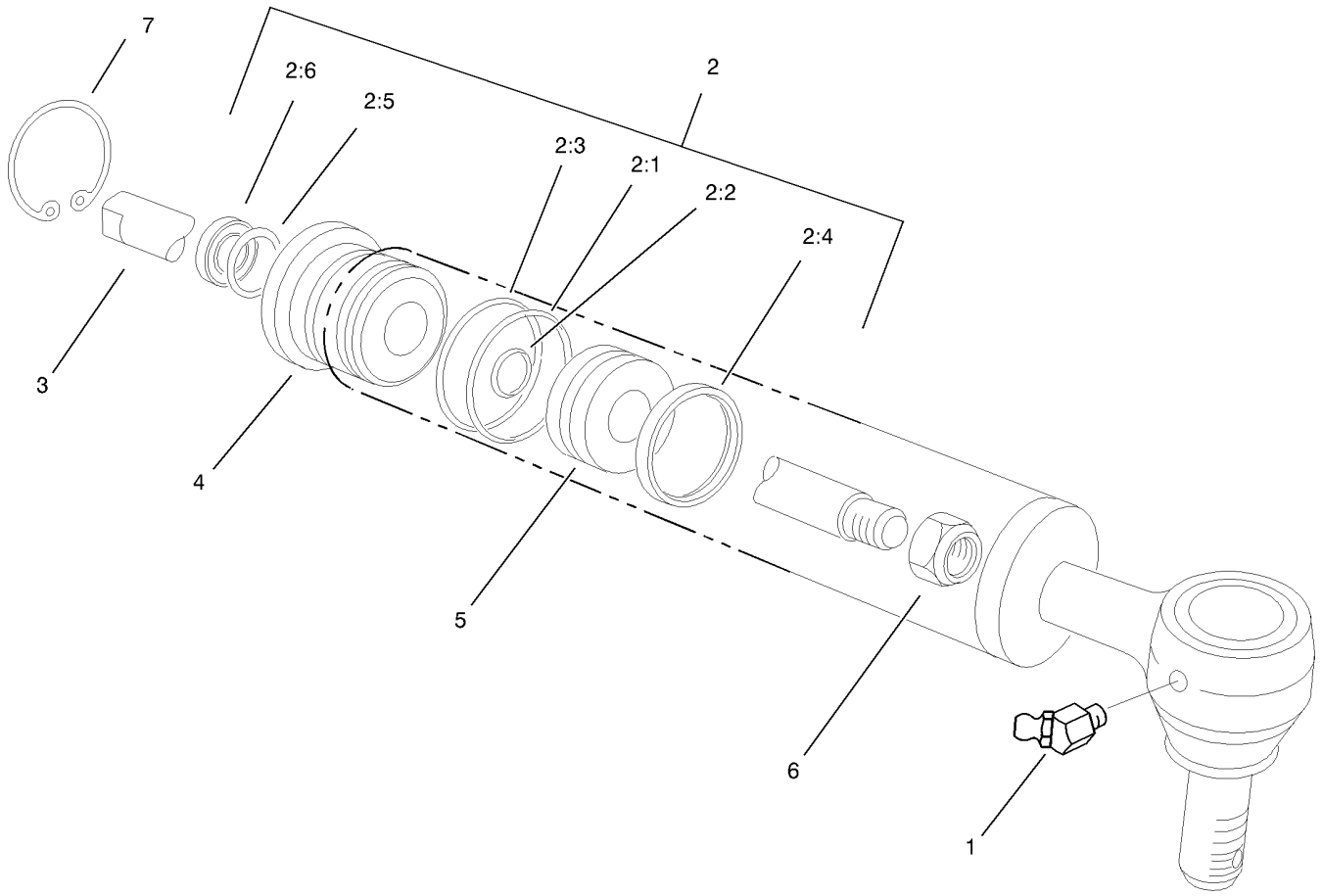


Front Suspension Assembly

Ref	Part No.	Qty.	Description
1	100-6744-03	1	RH A-Arm ASM
2	100-8541	4	Bushing-A-Arm
3	100-8544	2	Pivot Pin ASM
4	3234-4	2	Screw-HHF
5	100-7060-03	1	Plate-Skid
6	3234-5	4	Screw
7	327-4	2	Screw-HH
8	328-24	4	Screw-HH
9	100-8278	1	Cylinder-Steering
10	32136-13	1	Nut-SHH
11	302-60	8	Fitting-Grease
12	112772	3	Joint-Ball, RH
12:1	915031	1	Nut
13	100-6785	1	Ring-Retaining
14	3-6781	2	Washer-Thrust
15	256-318	2	Bearing-Nyliner
16	3256-25	3	Washer-Flat
18	3272-11	6	Pin-Cotter
19	100-6774-03	1	Pivot-Steering
20	302-5	2	Fitting-Grease
22	3218-21	2	Nut-Jam
23	3220-11	3	Nut-Jam
24	100-8534-03	2	Tie Rod-Steering
25	48-9520	2	Nut

Ref	Part No.	Qty.	Description
26	321-6	2	Screw-HH
27	87-3470	2	Bumper-Axle, Rear
29	112771	2	Joint-Ball, LH
29:1	915031	1	Nut
30	32151-104	4	Ring-Retaining, External
31	100-8414	1	RH Axle ASM
32	100-8413	1	LH Axle ASM
33	87-1430	4	Joint-Ball
34	2412-134	4	R-Clamp
35	32128-33	6	Nut-HF
36	87-2420	4	Seal-Joint, Ball
37	32128-50	2	Nut-Flange
38	3256-27	4	Washer-Flat
39	32136-2	4	Nut-SHH
40	3272-17	4	Pin-Cotter
41	100-6738-03	1	Spindle-RH
42	100-6739-03	1	Spindle-LH
43	100-6745-03	1	LH A-Arm ASM
45	302-11	1	Fitting-Lube, 45 DEG

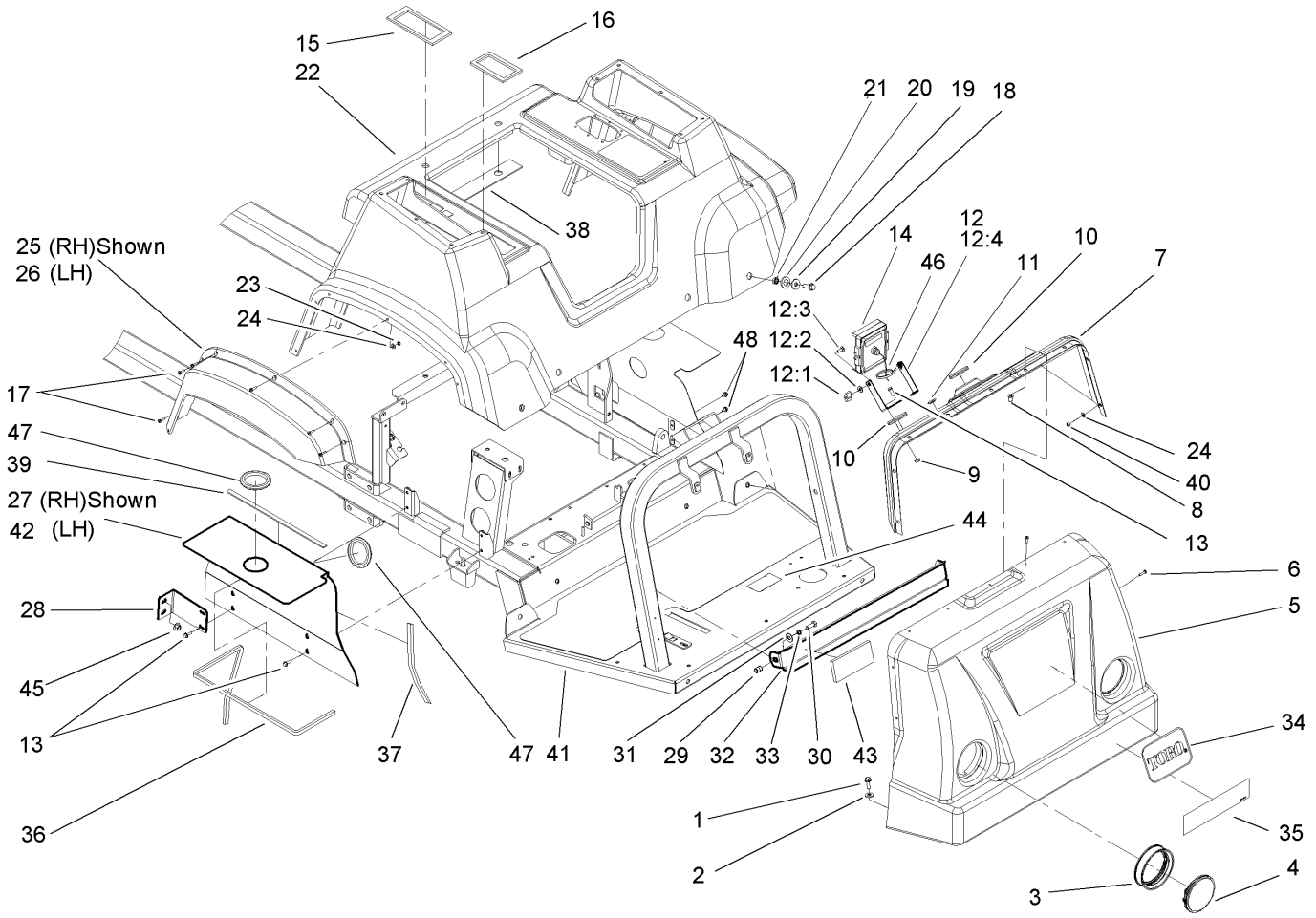
PROTOTYPE



Steering Cylinder Assembly No. 100-8278

Ref	Part No.	Qty.	Description
1	302-60	1	Fitting-Grease
2	107-1552	1	Seal Kit
❷2:1		1	O-Ring
❷2:2		1	O-Ring
❷2:3		1	Seal-Back Up
❷2:4		1	Seal-Psp
❷2:5		1	Seal-Rod
❷2:6		1	Seal-Dust
❷3		1	Shaft
❷4		1	Head
❷5		1	Piston
❷6		1	Nut
7	94-3612	1	Ring-Retaining

PROTOTYPE

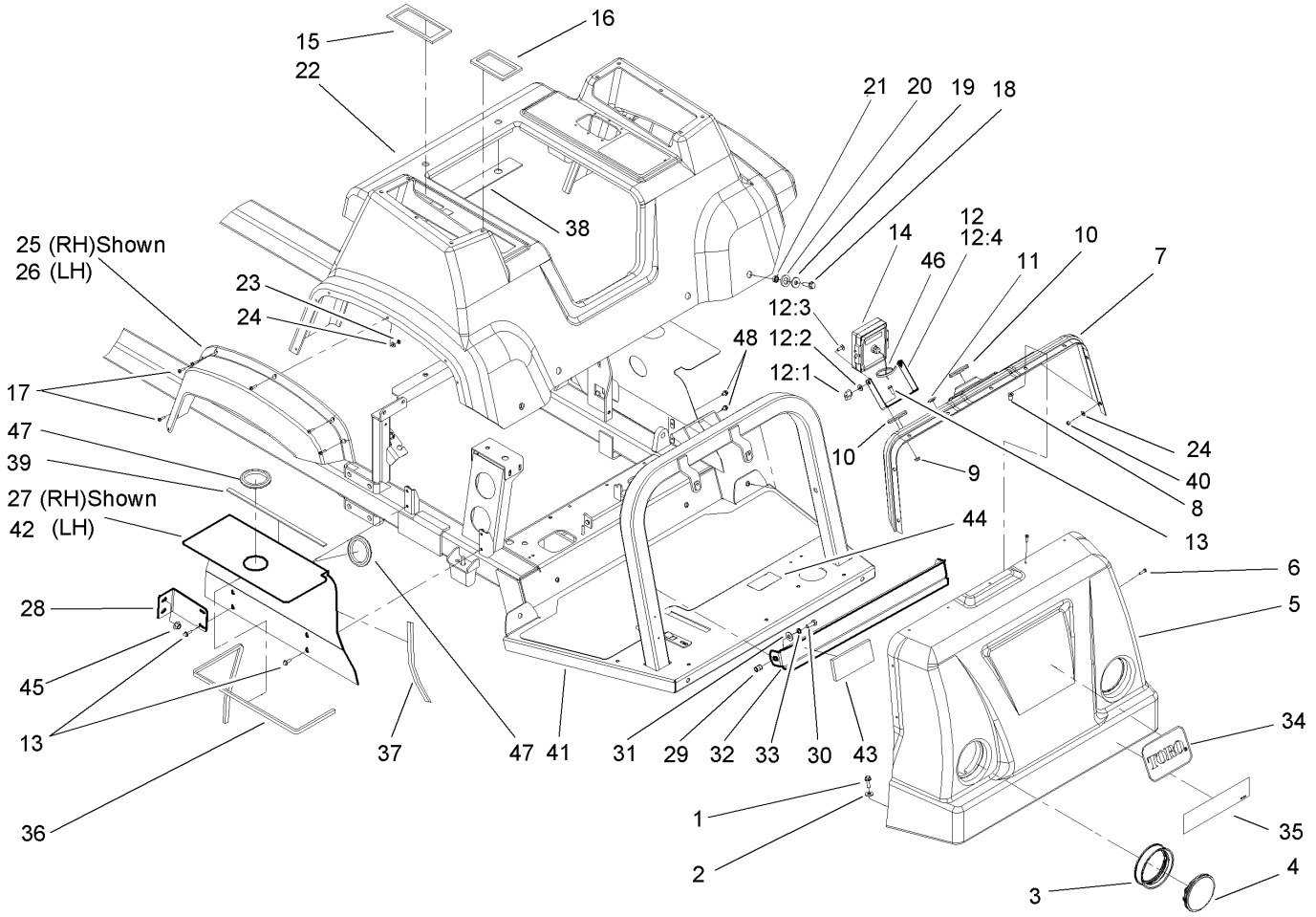


Engine Cover Assembly

Ref	Part No.	Qty.	Description
1	3234-17	5	Screw-HHF
2	3256-3	5	Washer-Flat
3	99-7311	2	Mount-Headlight
4	99-7310	2	Headlight
5	100-8281	1	Hood-Front, Console
6	3250-25	9	Screw-PPH
7	100-6777	1	Dash Panel ASM
8	100-8450	15	Nut-Well
9	32128-33	2	Nut-HF
10	40764	2	Grommet
11	94-7290	1	Plug-Hole
12	100-6735	1	Monitor Mounting Bracket Kit
12:1	99-0667	2	Knob
12:2	99-0730	2	Washer-Rubber
12:3	106-4868	2	Screw-CARR
12:4	99-0576	1	Bracket
13	3234-4	8	Screw-HHF
14	104-8991	1	Monitor-Spray
15	100-8436	1	Seal-Foam
16	100-8437	1	Seal-Foam
17	3250-13	12	Screw-PPH
18	3234-24	6	Screw-HHF
19	356308	6	Washer-Special
20	100-8468	6	Washer-Rubber

Ref	Part No.	Qty.	Description
21	100-8464	6	Spacer
22	100-6776	1	Seat Base ASM
23	3217-26	12	Nut-Hex
24	3256-49	16	Washer-Flat
25	94-7074	1	Flare-Fender, RH
26	94-7075	1	Flare-Fender, LH
27	100-8443-03	1	Panel-Shield RH
28	100-8623	2	Bracket-Engine Cover Support, Rear
29	92-3788	2	Insert
30	323-6	2	Screw-HH
31	3256-4	2	Washer-Flat
32	100-6731-03	1	Shield-Head Light
33	3253-21	2	Washer-Lock
34	62-5550	1	Decal
35	106-5128	1	Decal
36	100-8423	2	Trim-Shield, Top
37	100-8444	2	Trim-Shield, Front And Rear
38	100-8463	1	Seal-Foam
39	100-8499	2	Seal-Foam
40	3296-21	4	Nut-Lock, NI
41	100-8622	1	Tread-Floor
42	100-8448-03	1	Panel-Shield, LH
43	106-4872	2	Pad-Foam, Headlight

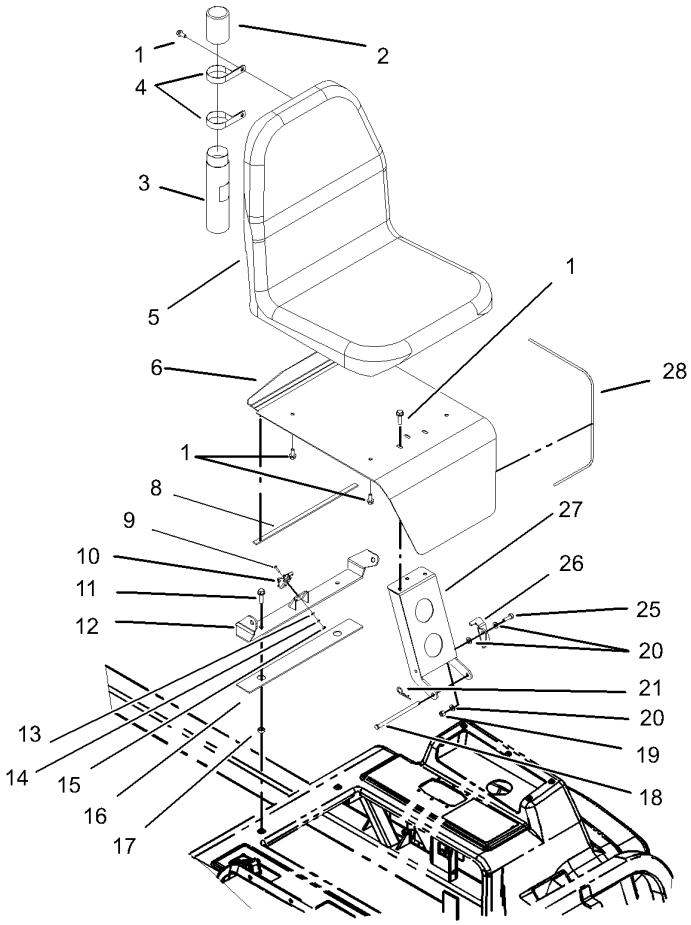
PROTOTYPE



Engine Cover Assembly (continued)

Ref	Part No.	Qty.	Description
44	100-8619	1	Decal-Boom Switch
45	32128-43	2	Nut-Flange
46	3290-379	1	Tie-Cable
47	237-164	4	Grommet
48	3234-26	2	Screw

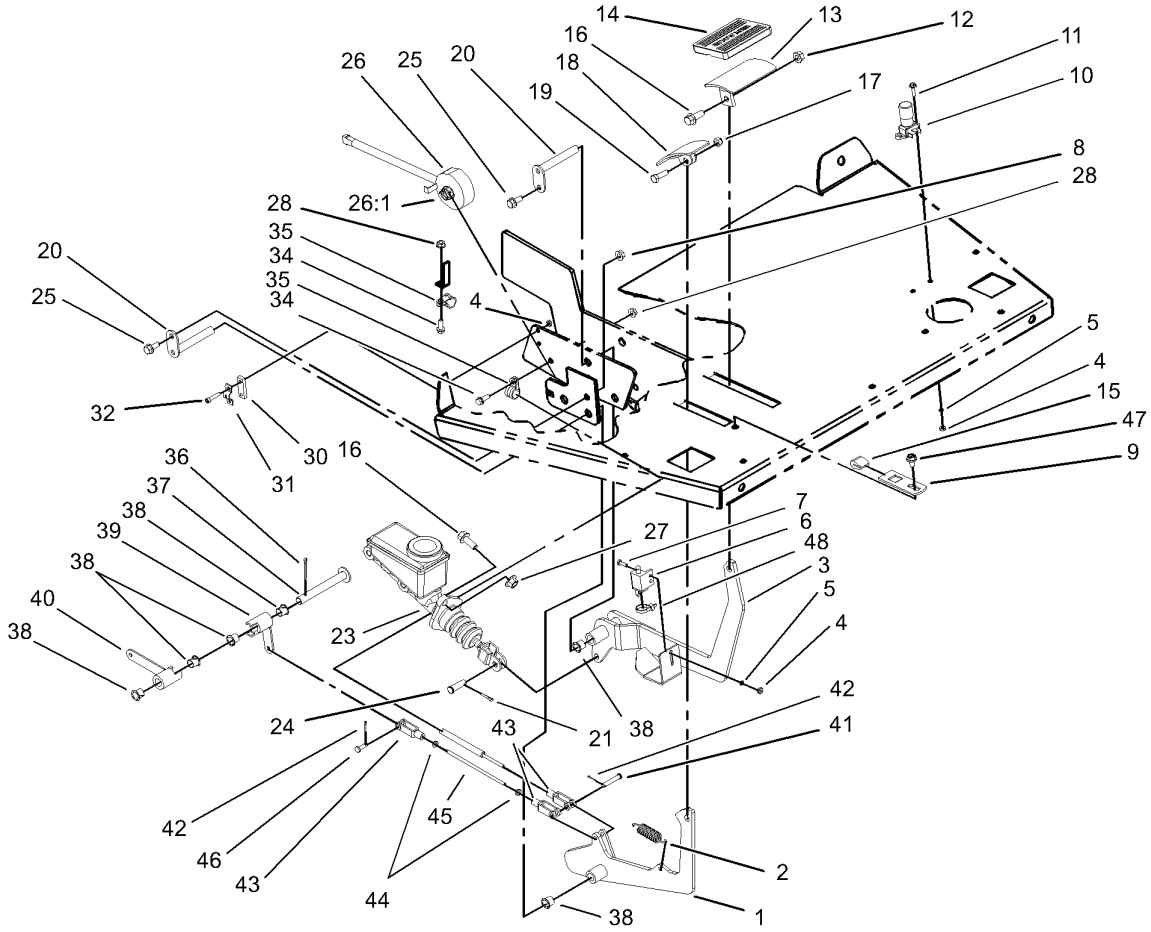
PROTOTYPE



Seat Support Assembly

Ref	Part No.	Qty.	Description
1	3234-5	9	Screw
2	104-7048	1	Cap-Housing
3	104-7050	1	Housing-Manual
4	2412-133	2	R-Clamp
5	104-4620	1	Seat-Olympic, Toro
6	100-8495-03	1	Panel-Mounting, Seat
8	100-8499	1	Seal-Foam
9	3250-4	2	Screw
10	100-8502	1	Latch-Hinge
11	3234-24	2	Screw-HHF
12	100-8459-03	1	Seat Belt And Bracket ASM
13	3256-53	2	Washer-Flat
14	3253-15	2	Washer-Lock/sp
15	3217-25	2	Nut-Hex
16	100-8463	1	Seal-Foam
17	100-8464	2	Spacer
18	100-8501	1	Pin-Clevis
19	3296-29	1	Nut-Lock, NI
20	3256-23	3	Washer-Flat
21	9335054	1	Pin-Hair
25	322-5	1	Screw-HH
26	100-8503-03	1	Bracket-Seat Prop
27	100-8496-03	1	Mount-Bracket, Hinge
28	100-8500	1	Trim-Seat

PROTOTYPE

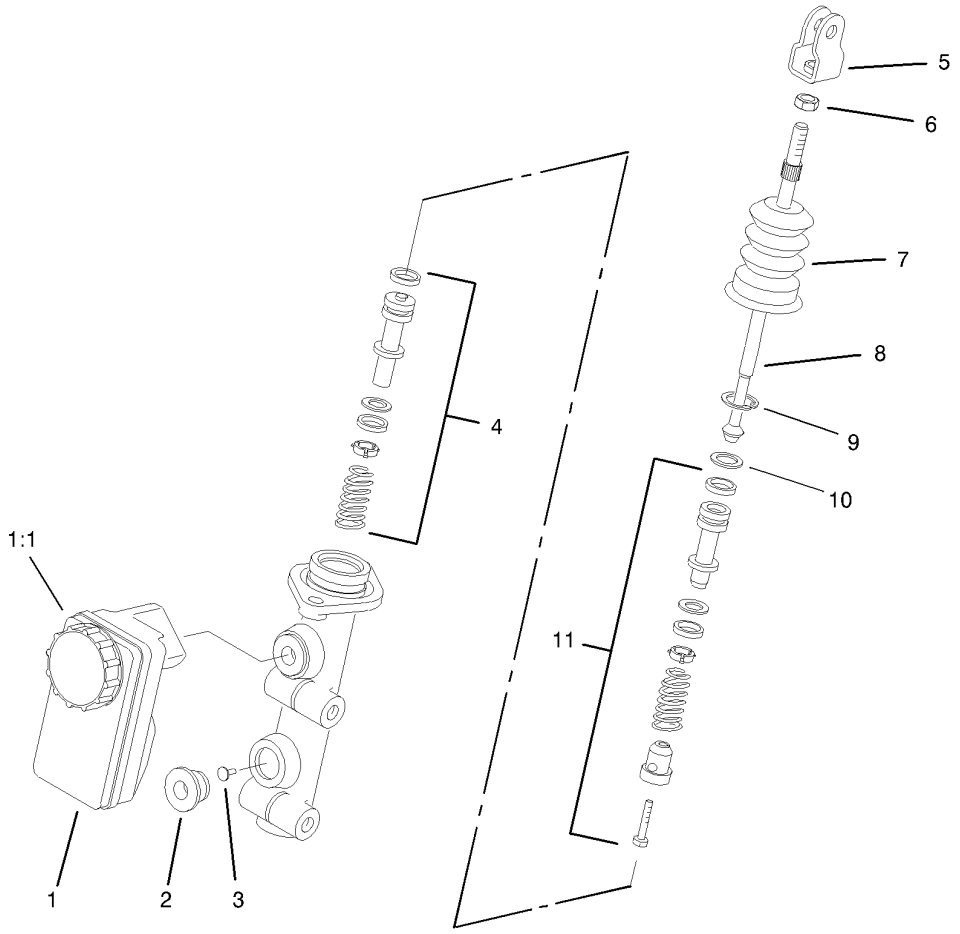


Brake and Accelerator Pedal Assembly

Ref	Part No.	Qty.	Description
1	100-8367-03	1	Accelerator-Lever
2	67-1450	1	Spring-Idler, Deck
3	100-8553-03	1	Brake-Lever
4	3217-26	6	Nut-Hex
5	3253-17	4	Washer-Lock/sp
6	92-0305	1	Switch
7	3290-134	2	Screw
8	32128-20	2	Nut-HF
9	104-8791-03	1	Plate-Pedal Stop
10	94-7170	1	Switch-Floor
11	32105-13	2	Screw-SHH
12	32128-21	1	Nut-HF
13	100-8422-03	1	Bracket-Pedal
14	7-3900	1	Pad-Brake
15	100-6702	3	Stop-Lever, Pedal
16	3234-11	3	Screw-HHF
17	32153-3	1	Nut-Lock
18	93-8969-03	1	Pedal
19	322-5	1	Screw-HH
20	100-8554	2	Pin-Pivot
21	3272-10	1	Pin-Cotter
23	94-3800	1	Master Cylinder ASM
24	283-2	1	Pin-Clevis
25	3234-5	2	Screw

Ref	Part No.	Qty.	Description
26	99-8090	1	Magnet ASM
26:1	93-6601	1	Spring-Compression
27	32128-43	2	Nut-Flange
28	32128-33	2	Nut-HF
30	100-8561	1	Plate-Spacer
31	100-8560	1	Bracket-Throttle Cable
32	3274-81	2	Screw-HSH
34	3234-4	2	Screw-HHF
35	2412-134	2	R-Clamp
36	3272-12	1	Pin-Cotter
37	100-8517	1	Pivot Pin ASM
38	256-257	8	Bushing-Nyliner
39	100-8515	1	Arm-Actuator, Short
40	100-8512	1	Arm-Actuator, Long
41	283-66	1	Pin-Clevis
42	3272-1	3	Pin-Cotter
43	282-28	4	Clevis-Adjustable
44	3219-14	4	Nut-Hex
45	100-8562	1	Rod-Threaded
46	283-67	2	Pin-Clevis
47	3234-28	1	Screw-HHF
48	3290-379	1	Tie-Cable

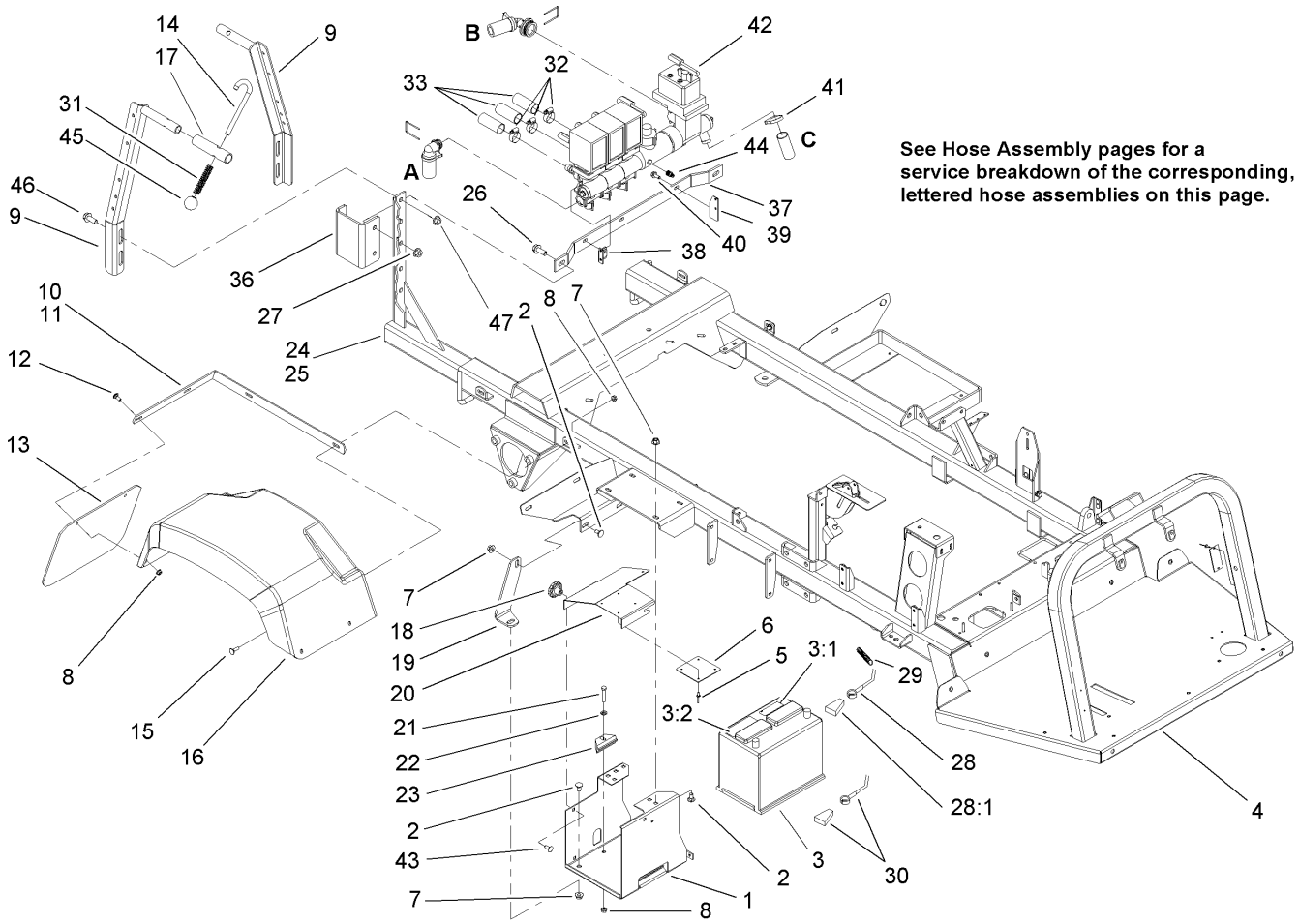
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Master Cylinder Assembly No. 94-3800

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

PROTOTYPE

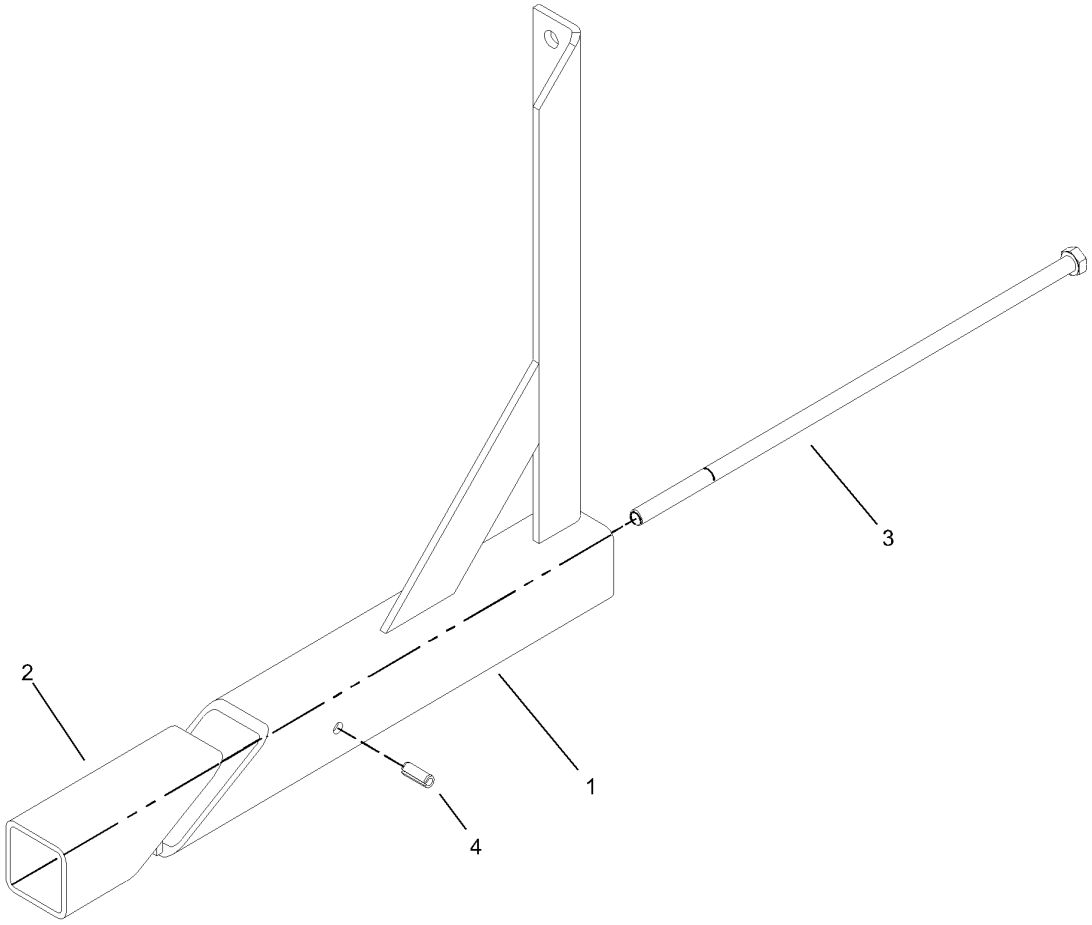


Rear Fender and Battery Mount Assembly

Ref	Part No.	Qty.	Description
1	87-5120-03	1	Bracket-Holder, Battery
2	3231-1	4	Screw-CARR
3	55-7290	1	Battery (Dry)
3:1	26-7170	1	Decal-Battery, Wisco
3:2	26-7180	1	Decal-Battery
4	100-8339-03	1	Mainframe ASM
5	3269-27	4	Rivet-Snap
6	87-7620	1	Shield-Terminal, Battery
7	32128-43	4	Nut-Flange
8	32128-20	13	Nut-HF
9	106-5082-03	2	Hold-Boom
10	100-8246-03	1	Mount-Fender, RH
11	100-8245-03	1	Mount-Fender, LH
12	3230-1	8	Bolt-CARR
13	100-8259	2	Guard-Splash
14	92-8562	2	Hook-Restraint, Boom
15	3230-2	4	Bolt-CARR
16	93-6498	2	Fender-Rear
17	92-8561	2	Hose-Hold In
18	19-4050	2	Knob
19	100-8201-03	1	Support-Battery
20	87-5130-03	1	Cover-Battery
21	322-9	1	Screw-HH
22	3256-23	1	Washer-Flat

Ref	Part No.	Qty.	Description
23	66-2490	1	Retainer-Battery
24	106-4960	1	Boom Mount ASM LH
25	106-4961	1	Boom Mount ASM RH
26	3234-32	4	Screw-HHF
27	32128-49	6	Nut-HHF
28	99060	1	Cable-Ground
28:1	106-4915	1	Cap-Protective, Blue
29	104-8742	1	Conduit-Cable, Battery
30	106-5113	1	Cable-Battery, Positive
31	92-8563	2	Spring
32	2412-129	3	Clamp-Hose
33	41340	3	Hose-Boom, Left And Right
36	100-8431-03	2	Bracket-Mounting, Boom
37	100-8434-03	1	Bar-Valve Mounting
38	100-8432-03	2	Bracket-Boom Valve ASM
39	100-8433-03	1	Bracket-Control Valve ASM
40	3234-5	3	Screw
41	99-0782	1	Clamp-Hose
42	106-4885	1	Control-Evc Valve
43	3230-23	2	Screw-CARR
44	100-8674	1	Coupler-Tube
45	92-8564	2	Knob
46	32128-23	4	Nut-HF
47	3234-32	4	Screw-HHF

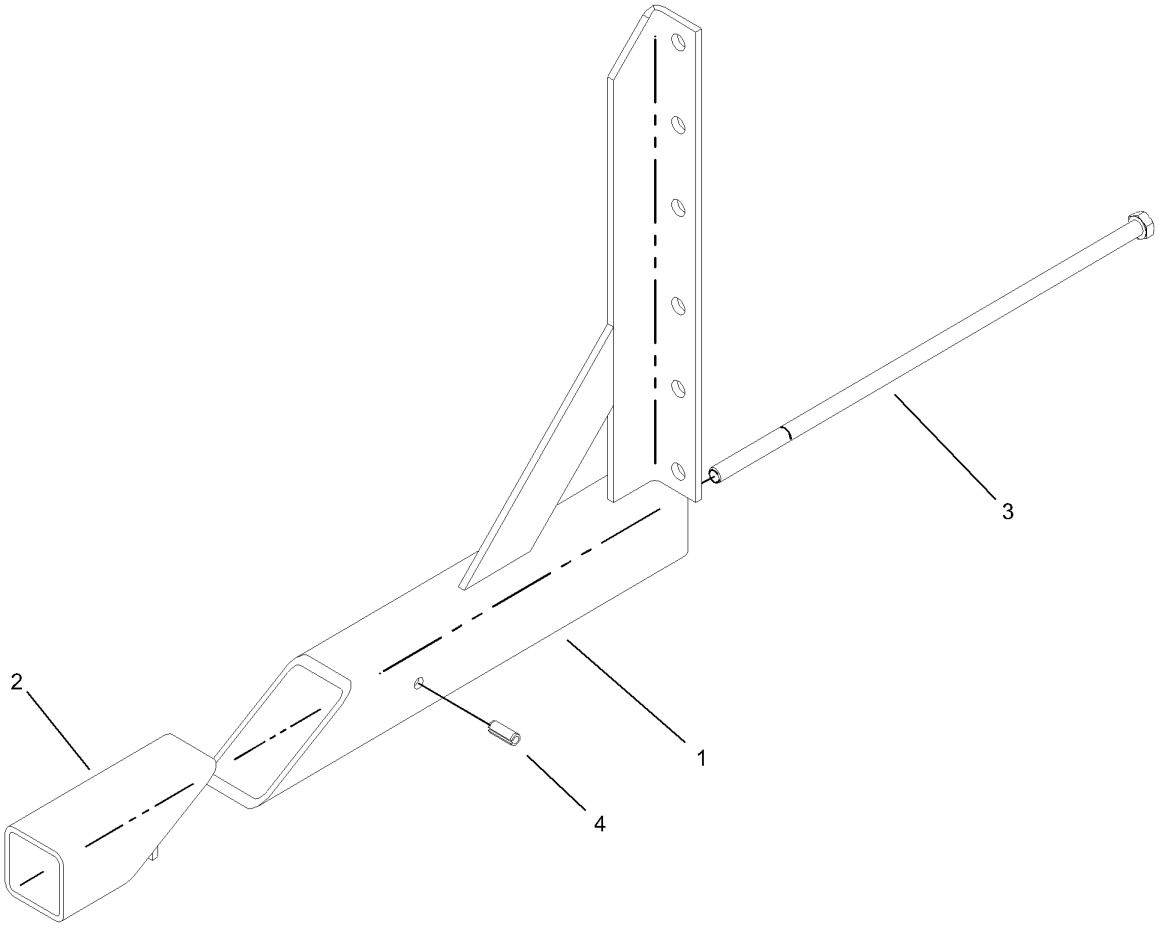
PROTOTYPE



Right Hand Boom Mount Assembly No. 106-4960

Ref	Part No.	Qty.	Description
1	42222-03	1	RH Boom Mount ASM
2	42223-03	1	Wedge Tube ASM
3	42199	1	Bolt
4	32121-41	1	Pin-Roll

PROTOTYPE

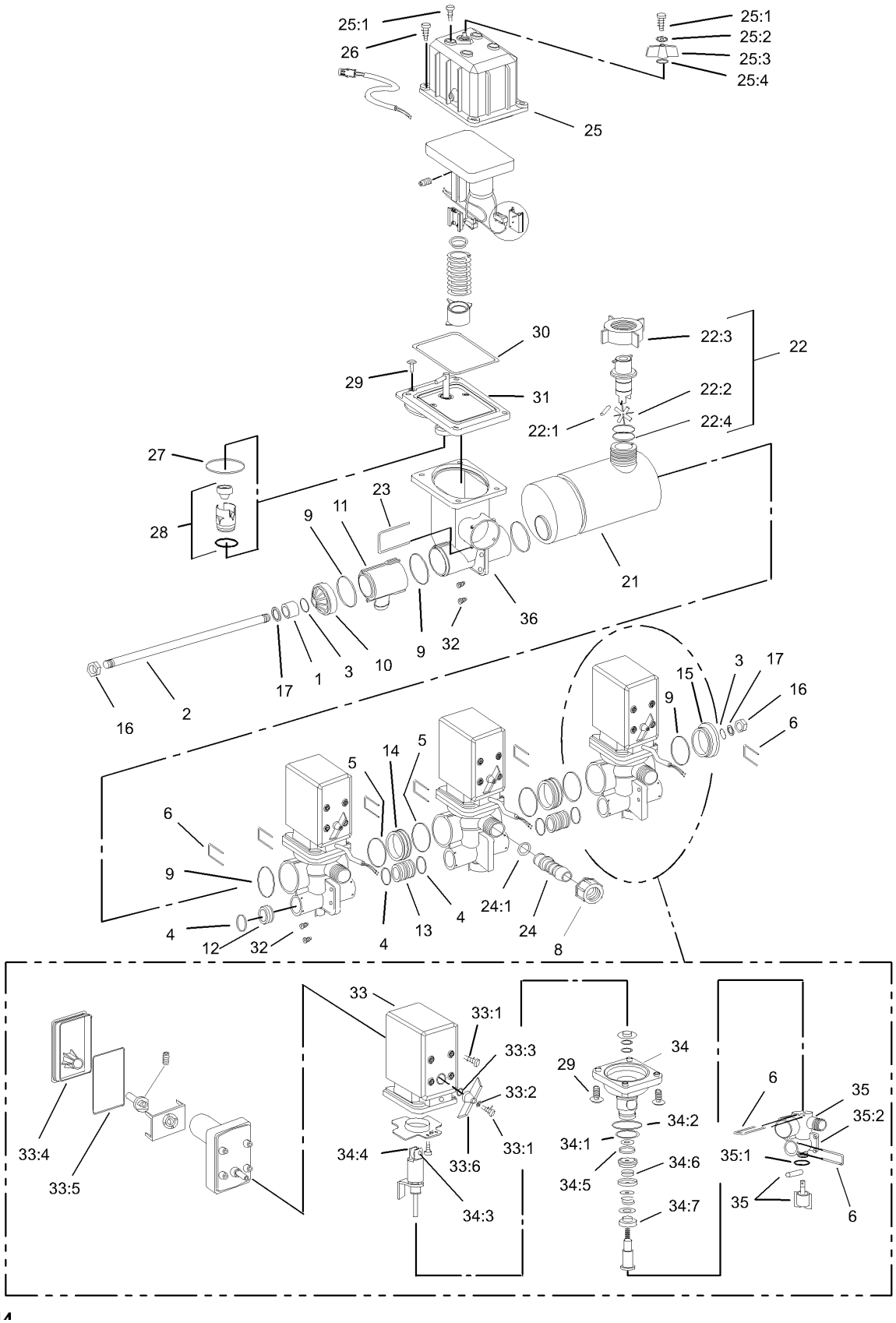


Left Hand Boom Mount Assembly No. 106-4961

Ref	Part No.	Qty.	Description
1	42217-03	1	LH Boom Mount ASM
2	42223-03	1	Wedge Tube ASM
3	42199	1	Bolt
4	32121-41	1	Pin-Roll

PROTOTYPE

EVC Valve Control Assembly No. 106-4885

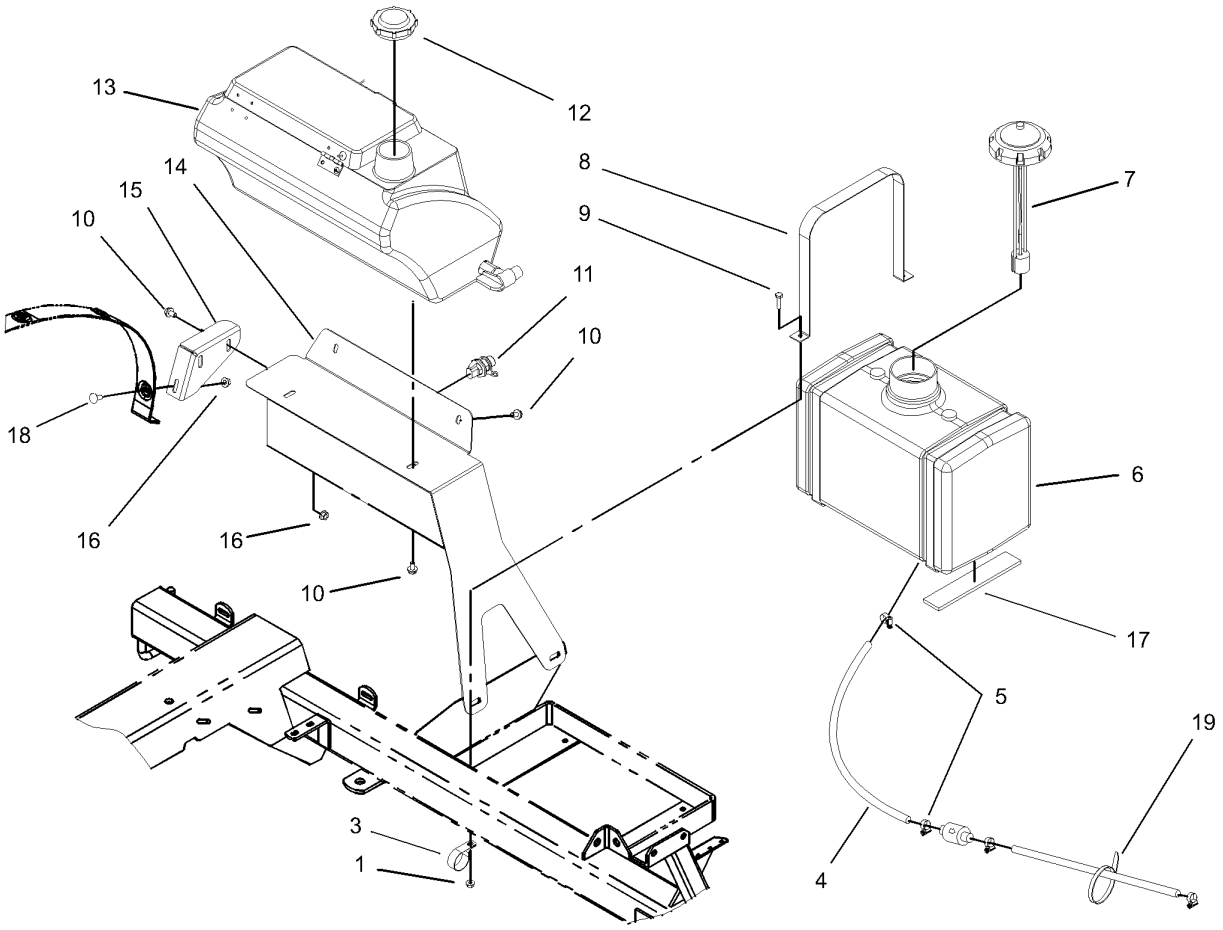


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EVC Valve Control Assembly No. 106-4885

Ref	Part No.	Qty.	Description
1	100-6897	1	Bushing
2	100-6909	1	Rod-Threaded
3	100-6887	2	O-Ring
4	100-6882	5	O-Ring
5	100-6646	5	O-Ring
6	100-6885	9	Fork-Valve, Boom
8	99-0850	3	Nut
9	100-6892	4	O-Ring
10	100-6913	1	Cover
11	100-6908	1	T-Piece
12	100-6891	1	Cap-End
13	100-6890	2	Joiner-Bypass, Boom
14	100-6896	2	Joiner-Valve, Boom
15	100-6915	1	Cover-End
16	100-6894	2	Nut
17	100-6634	2	Washer
21	100-6920	1	Housing-Meter, Flow
22	100-6900	1	Flow Sensor ASM
22:1	100-6906	1	Shaft-Rotor
22:2	100-6919	1	Meter-Flow, Rotor
22:3	100-8678	1	Nut
22:4	100-8653	1	O-Ring
23	100-6907	1	Fork
24	106-5112	3	Hosebarb ASM
24:1	100-6645	1	O-Ring
25	100-6902	1	Control-Rate, Motor
25:1	100-6876	4	Screw
25:2	100-6877	4	Washer-Lock
25:3	100-6903	4	Grip-Hand
25:4	100-6880	4	O-Ring
26	100-6918	4	Screw-Plastic
27	100-6904	1	O-Ring
28	100-6905	1	Rate Valve Repair Kit
29	100-6917	16	Screw-Plastic
30	100-6901	1	Gasket-Housing, Valve Motor
31	100-6899	1	Section-Spindle, Valve Rate
32	100-6916	6	Screw-Plastic
33	100-6923	3	Boom Motor ASM
33:1	100-6876	3	Screw
33:2	100-6877	3	Washer-Lock
33:3	100-6880	3	O-Ring
33:4	100-6874	3	Cover-Valve, Boom
33:5	100-6912	3	Cover-Seal
33:6	100-6875	3	Handgrip-Valve, Boom
34	100-6889	3	Section- Spindle, Boom Valve
34:1	100-8653	1	O-Ring
34:2	100-6882	5	O-Ring
34:3	100-6911	1	Pin-Roller
34:4	100-6910	1	Bearing-Roller
34:5	100-6879	1	O-Ring
34:6	100-6878	1	O-Ring
34:7	100-6881	1	Cone-Stem, Boom Valve
35	100-6888	3	Manifold-Valve, Boom
35:1	100-6887	1	O-Ring
35:2	106-5151	1	Manifold-Lower
36	100-6914	1	Valve-Control, Housing Rate
❶99	100-7045	1	Plug

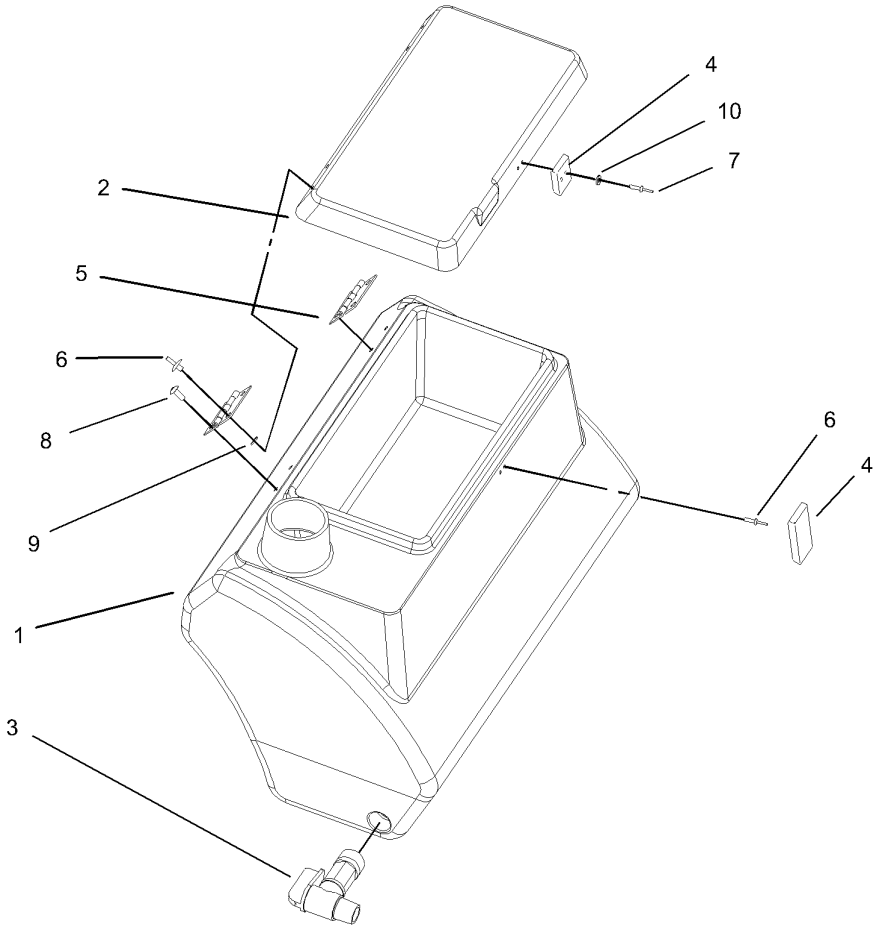
PROTOTYPE



Fresh Water Tank Assembly

Ref	Part No.	Qty.	Description
1	32128-33	4	Nut-HF
3	2412-74	1	R-Clamp
4	100-8387	1	Hose-Fuel
5	2412-108	2	Clamp-Worm
6	100-8294	1	Tank-Fuel
7	100-8386	1	Fuel Cap And Guage ASM
8	106-4867-03	2	Strip-Hold Down, Gas Tank
9	321-6	4	Screw-HH
10	3234-28	6	Screw-HHF
11	104-8914	1	Latch-Storage Box
12	100-7008	1	Cap-Tank, Fresh Water
13	100-8438	1	Fresh Water Tank ASM
14	104-8912	1	Tank Bracket ASM
15	100-8401-03	1	Plate-Tank Mount
16	32128-20	3	Nut-HF
17	100-8524	2	Foam-Strip, Gas Tank
18	3230-1	1	Bolt-CARR
19	3290-379	1	Tie-Cable

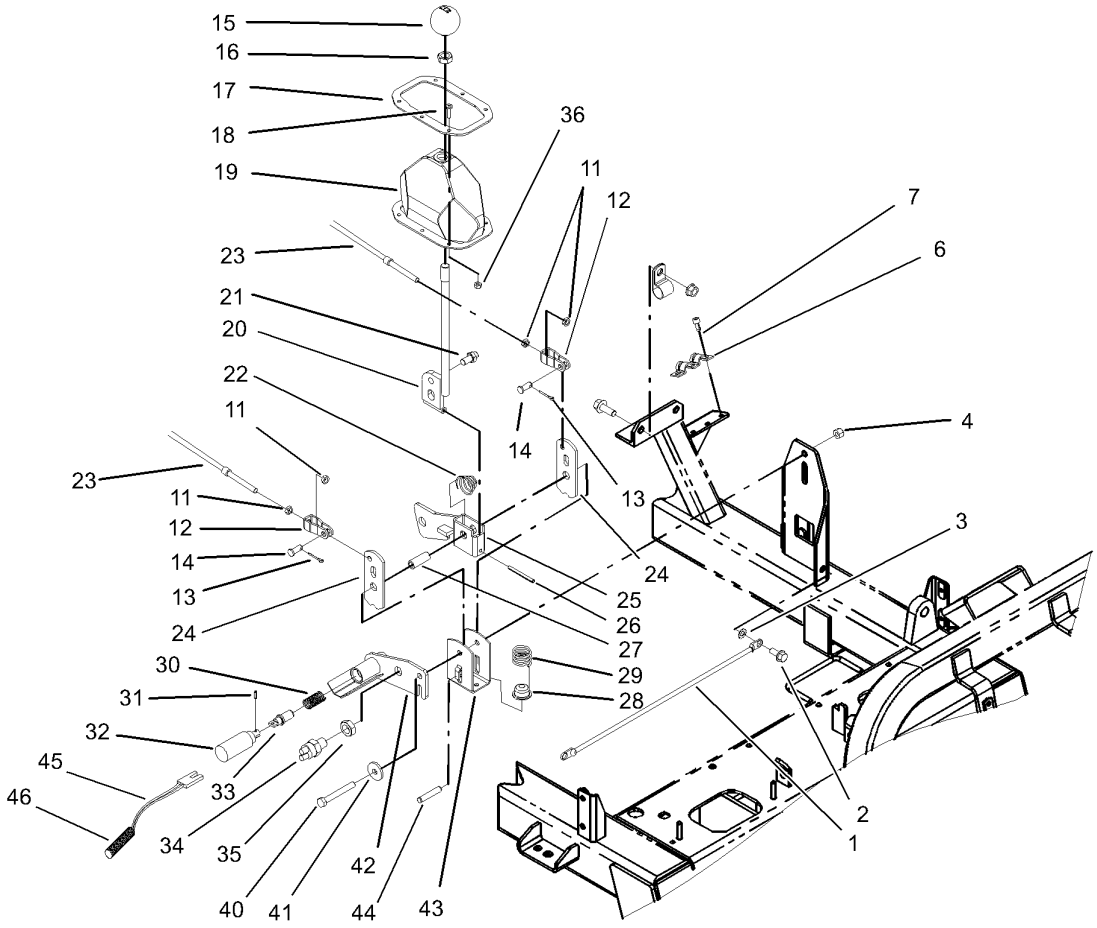
PROTOTYPE



Fresh Water Tank Assembly No. 100-8438

Ref	Part No.	Qty.	Description
❷1		1	Tank-Fresh Water
2	100-8397	1	Cover-Tank
3	100-7011	1	Spigot-90 DEG
4	100-7009	1	Latch-Draw
5	100-7010	2	Hinge
6	100-7062	4	Rivet
7	100-7063	4	Rivet
8	100-7064	4	Screw
9	100-7065	4	Washer
10	100-7066	2	Washer

PROTOTYPE

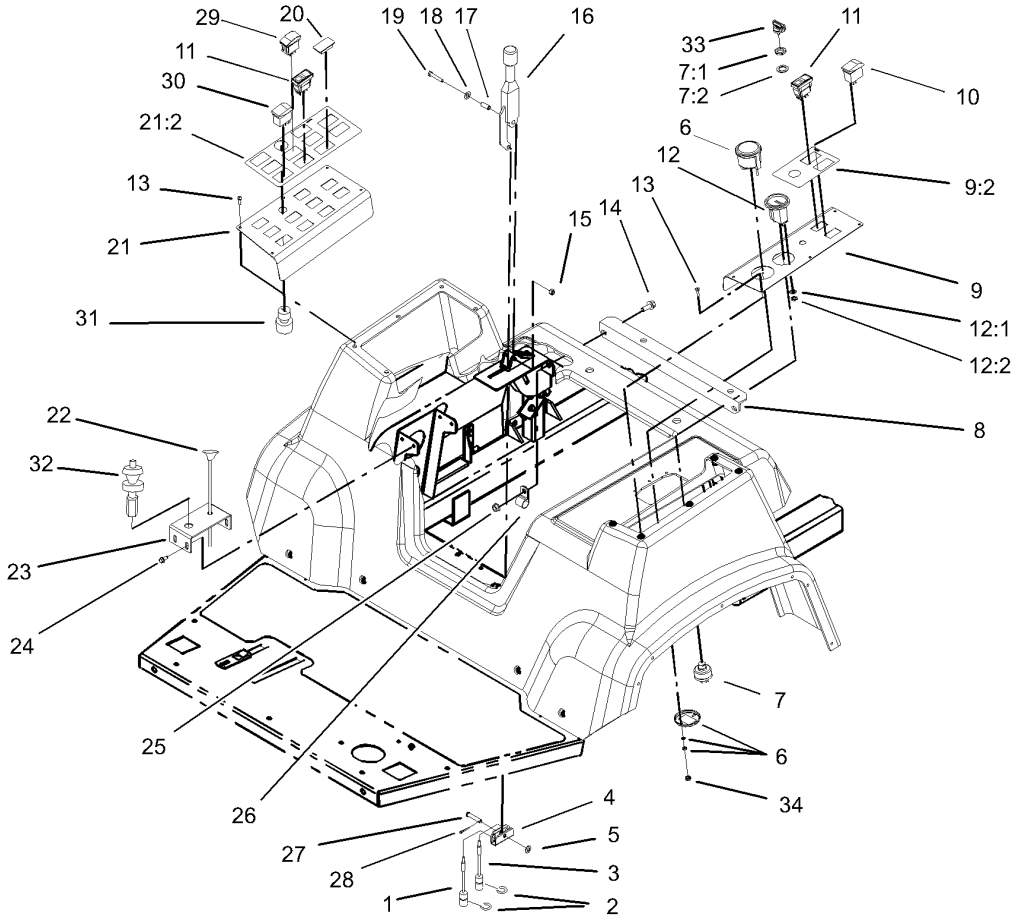


Shifter Assembly

Ref	Part No.	Qty.	Description
1	42617	1	Cable-Ground
2	3234-5	1	Screw
3	3255-8	1	Washer-Lock
4	3296-29	1	Nut-Lock, NI
6	87-4960	1	Clamp-Cable
7	65-5220	3	Screw-Forming, Thread
11	3220-1	4	Nut-Jam
12	87-2310	2	Clevis-Cable
13	3272-6	2	Pin-Cotter
14	283-62	2	Pin-Clevis
15	87-6720	1	Knob-Shift
16	3218-18	1	Nut-Jam
17	87-3760-03	1	Plate-Boot, Shift
18	3250-13	6	Screw-PPH
19	87-8620	1	Shift Boot ASM
20	87-2040	1	Shift Lever ASM
21	87-3650	1	Pin-Shift
22	87-2900	1	Spring-Compression
23	100-8359	2	Cable-Shift, R/i
24	87-3540	2	Link-Shift
25	100-6749	1	Shifter Bracket ASM
26	32121-48	1	Pin-Spring
27	87-2520	1	Tube-Pivot
28	87-3530	1	Button-Shifter

Ref	Part No.	Qty.	Description
29	87-3660	1	Spring-Compression
30	100-6754	1	Spring-Compression
31	32121-7	1	Pin-Spring
32	100-6741	1	Solenoid
33	100-6746	1	Pin-Shift Limiter
34	83-1890	1	Switch-Ball
35	3220-11	1	Nut-Jam
36	3296-2	6	Nut-Lock
40	322-12	1	Screw-HH
41	356303	1	Washer
42	100-6747	1	Solenoid Mount ASM
43	87-3520	1	Clevis
44	3290-507	1	Pin-Dowel
45	100-6751	1	Harness-Shift Limiter
46	100-7072	1	Protector-Wire

PROTOTYPE

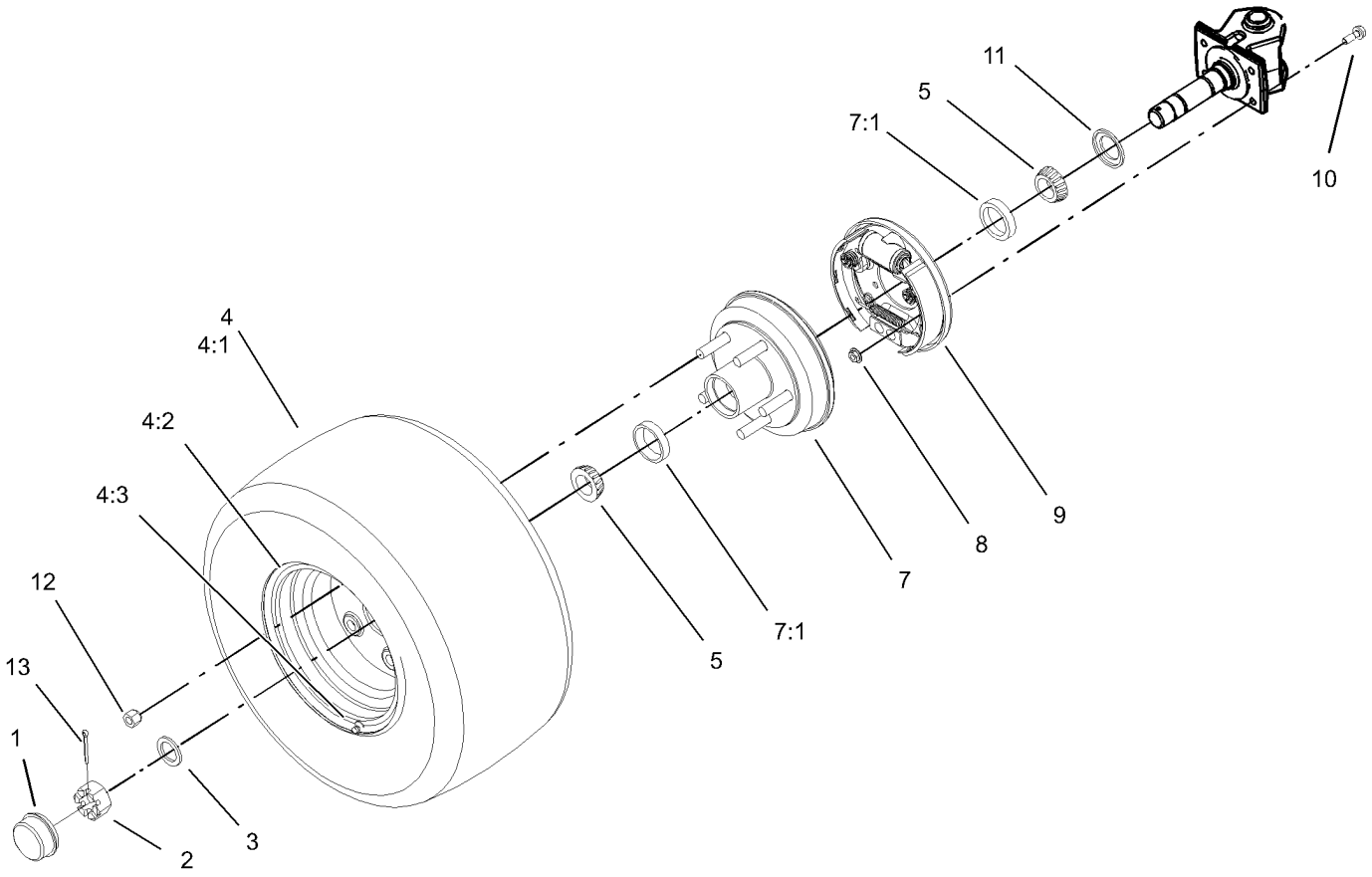


Parking Brake and Console Assembly

Ref	Part No.	Qty.	Description
1	87-8240	1	Cable-Brake
2	32120-47	2	Ring-Retaining, External
3	100-8261	1	Cable-Park Brake, RH
4	87-3480	1	Bracket-Equalizer, Cable
5	3256-23	1	Washer-Flat
6	42610	1	Voltmeter
7	83-0020	1	Switch-Ignition
7:1	218-461	1	Nut-HH
7:2	3254-5	1	Washer-Tooth
8	100-8532-03	1	Angle-Seatbox
9	100-8452	1	Vehicle Control Panel ASM
9:2	100-8470	1	Decal-Controls
10	100-8469	1	Switch-Rocker
11	104-9007	2	Switch-Rocker
12	66-2950	1	Gauge-Hourmeter
12:1	3255-20	2	Washer-Lock
12:2	3217-25	2	Nut-Hex
13	3250-25	10	Screw-PPH
14	3234-11	2	Screw-HHF
15	3296-42	1	Nut-Lock, NI
16	87-2710	1	Lever-Brake
17	87-4710	1	Spacer-Brake, Parking
18	3290-477	1	Washer-Curved
19	321-9	1	Screw-HH

Ref	Part No.	Qty.	Description
20	99-7420	5	Plug-Hole
21	100-8505	1	Spray Control Panel ASM
21:2	100-8489	1	Decal-Spray Control
22	41697	1	Choke-Control
23	100-8385-03	1	Bracket-Throttle Speed
24	32144-10	4	Screw-HWH
25	32128-21	2	Nut-HF
26	2412-81	2	Clamp-R
27	94-3829	1	Pin-Clevis
28	3272-6	1	Pin-Cotter
29	100-1535	1	Switch
30	100-8490	3	Switch-Dpdt
31	94-5245	1	Switch-Key
32	100-8384	1	Throttle Speed Control ASM
33	63-8360	1	Key-Ignition
34	32149-9	2	Nut

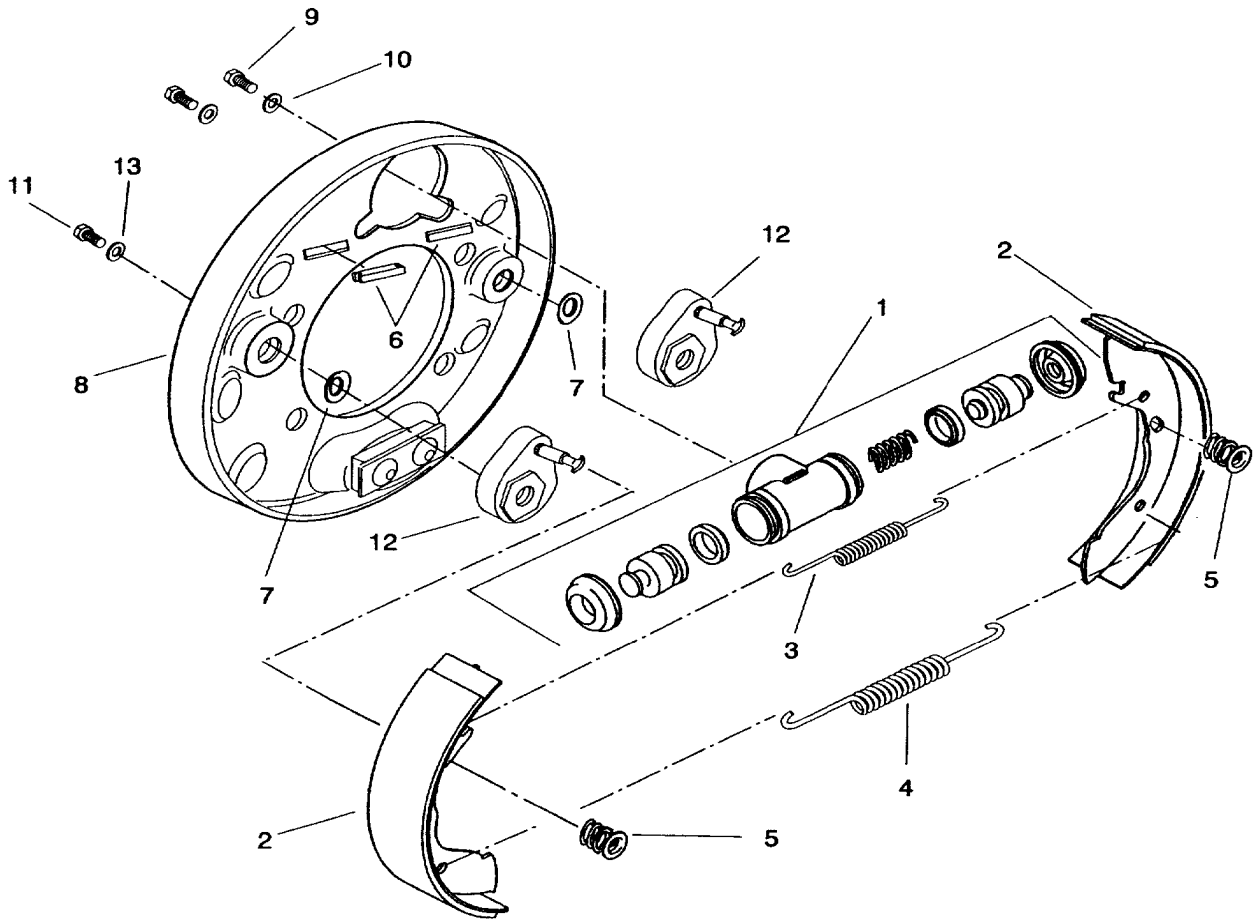
PROTOTYPE



Front Wheel Assembly

Ref	Part No.	Qty.	Description
1	241-119	2	Cap-Dust
2	1-809082	2	Nut-SHH
3	27-1850	2	Washer-Pivot
4	93-6487	2	Front Tire And Wheel ASM
4:1	93-6486	1	Tire
4:2	241-121	1	Wheel ASM
4:3	232-27	1	Stem-Valve
5	254-92	4	Cone-Bearing, Outer
7	100-8287	2	Hub/drum-Front
7:1	254-72	2	Bearing-Cup, Tapered
8	32128-28	8	Locknut
9	100-8285	2	Front Brake ASM
10	86-8610	8	Screw-HHF
11	253-129	2	Seal
12	321077	10	Nut-Wheel
13	3272-13	2	Pin-Cotter

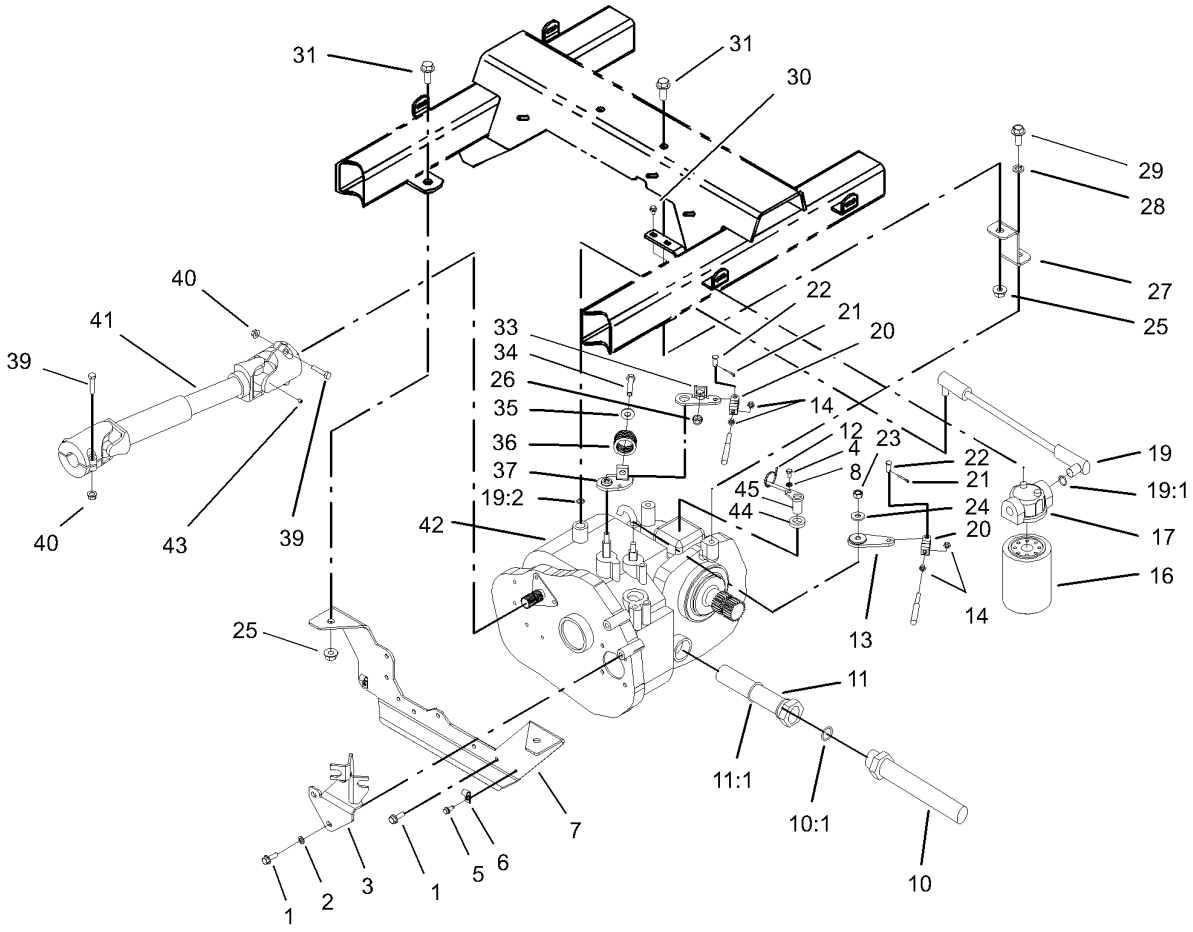
PROTOTYPE



Front Brake Assembly No. 100-8285

Ref	Part No.	Qty.	Description
1	100-8580	1	Wheel Cylinder ASM
2	100-8587	1	Shoe Set
3	100-8581	1	Spring-Upper
4	100-8582	1	Spring-Lower
5	100-8583	2	Shoe Hold Down Spring ASM
6	100-8584	2	Cover-Dust
7	100-8585	2	Washer-Bellville
8	100-8586	1	Backing Plate ASM
9	33103-012	2	Screw-HHF
10	3253-3	2	Washer-Lock
11	329-2	2	Screw-HH
12	100-8588	2	Adjuster Lever ASM
13	3256-1	2	Washer-Flat

PROTOTYPE

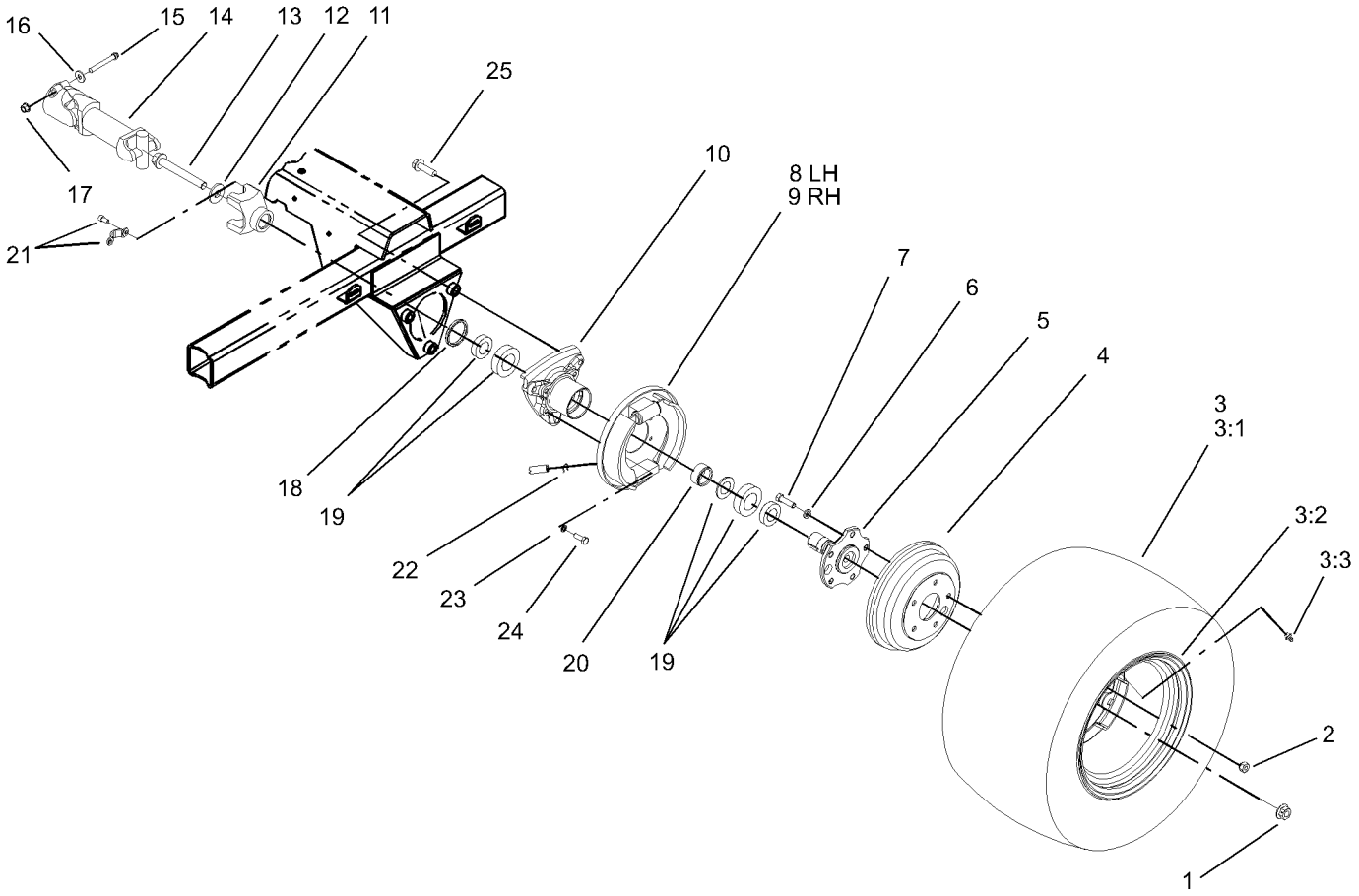


Transaxle Installation Assembly

Ref	Part No.	Qty.	Description
1	33104-025	10	Screw-HHF
2	3253-4	10	Washer-Lock
3	100-8303-03	1	Mount-Cable
4	33113-012	1	Screw-HH
5	32144-10	2	Screw-HWH
6	2412-89	2	Clamp
7	100-8531-03	1	Transaxle-Mount
8	48-8020	1	Washer-Spring
10	100-8250	1	Hose-Suction
10:1	237-81	1	O-Ring
11	87-3990	1	Strainer-Transaxle
11:1	237-123	1	O-Ring
12	3290-379	1	Tie-Cable
13	87-7960	1	Lever-Shift
14	3220-1	4	Nut-Jam
16	54-0110	1	Filter-Oil, Transmission
17	87-8780	1	Head-Filter
19	100-8254	1	Hose-Axle Return
19:1	237-79	1	O-Ring
19:2	237-42	1	O-Ring
20	87-2310	2	Clevis-Cable
21	3272-6	2	Pin-Cotter
22	283-62	2	Pin-Clevis
23	48-9520	2	Nut

Ref	Part No.	Qty.	Description
24	80-6990	2	Washer-Hardened
25	32128-49	2	Nut-HHF
26	32128-21	1	Nut-HF
27	100-8220-03	2	Strap-Transaxle Mount
28	3253-7	2	Washer-Lock
29	33106-030	2	Screw-HHF
30	3234-33	2	Screw-HHF
31	3234-32	4	Screw-HHF
33	87-8250	1	Plate-Arm, Shift
34	323-10	1	Screw-HH
35	3256-4	1	Washer-Flat
36	87-6910	1	Spring-Compression
37	87-7970	1	Arm-Shift
39	322-7	4	Screw-HH
40	3296-29	4	Nut-Lock, NI
41	100-8293	1	Drive Shaft-Input
42	104-9078	1	Transaxle
43	3245-32	1	Screw-HS
44	92-3735	1	Oil Seal-Sensor
45	85-4350	1	Sensor-Geartooth

PROTOTYPE

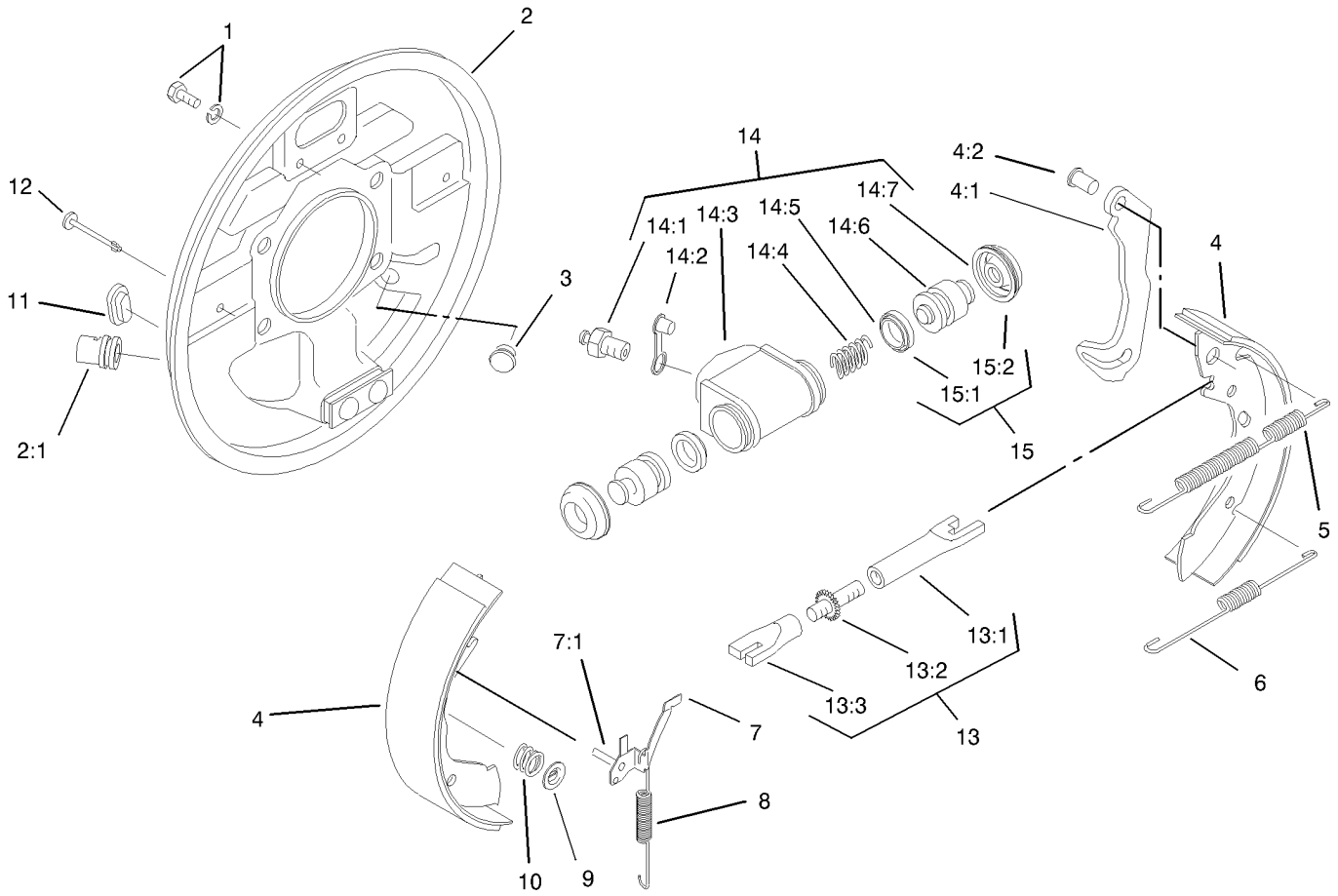


Rear Wheel Assembly

Ref	Part No.	Qty.	Description
1	105-1764	2	Nut-Flange, Side Lock
2	321077	10	Nut-Wheel
3	87-5370	2	Rear Tire And Wheel ASM
3:1	87-6740	1	Tire-Rear
3:2	87-6750	1	Wheel
3:3	232-27	1	Stem-Valve
4	93-7128	2	Drum-Brake
5	105-1717-03	2	Axle-Stub
6	3253-6	10	Washer-Lock
7	87-2080	10	Bolt-Hex, TAP
8	93-7126	1	LH Rear Brake ASM
9	93-7125	1	RH Rear Brake ASM
10	87-2240-03	2	Housing-Axle
11	92-4190	2	Yoke
12	104-9216	2	Washer-Hardened
13	105-1763	2	Screw-Hfh
14	98-2918	2	Driveshaft ASM
15	98-2939	4	Screw-Cap
16	80-6990	4	Washer-Hardened
17	32128-36	4	Nut-HF
18	87-3590	2	Seal-Bearing
19	87-1970	2	Bearing
20	87-4060	2	Spacer-Bearing, Wheel
21	92-4189	2	Strap And Bolt Kit

Ref	Part No.	Qty.	Description
22	87-3310	2	Clip-Cable, Brake
23	3253-21	8	Washer-Lock
24	323-6	8	Screw-HH
25	3234-22	6	Screw-HHF

PROTOTYPE

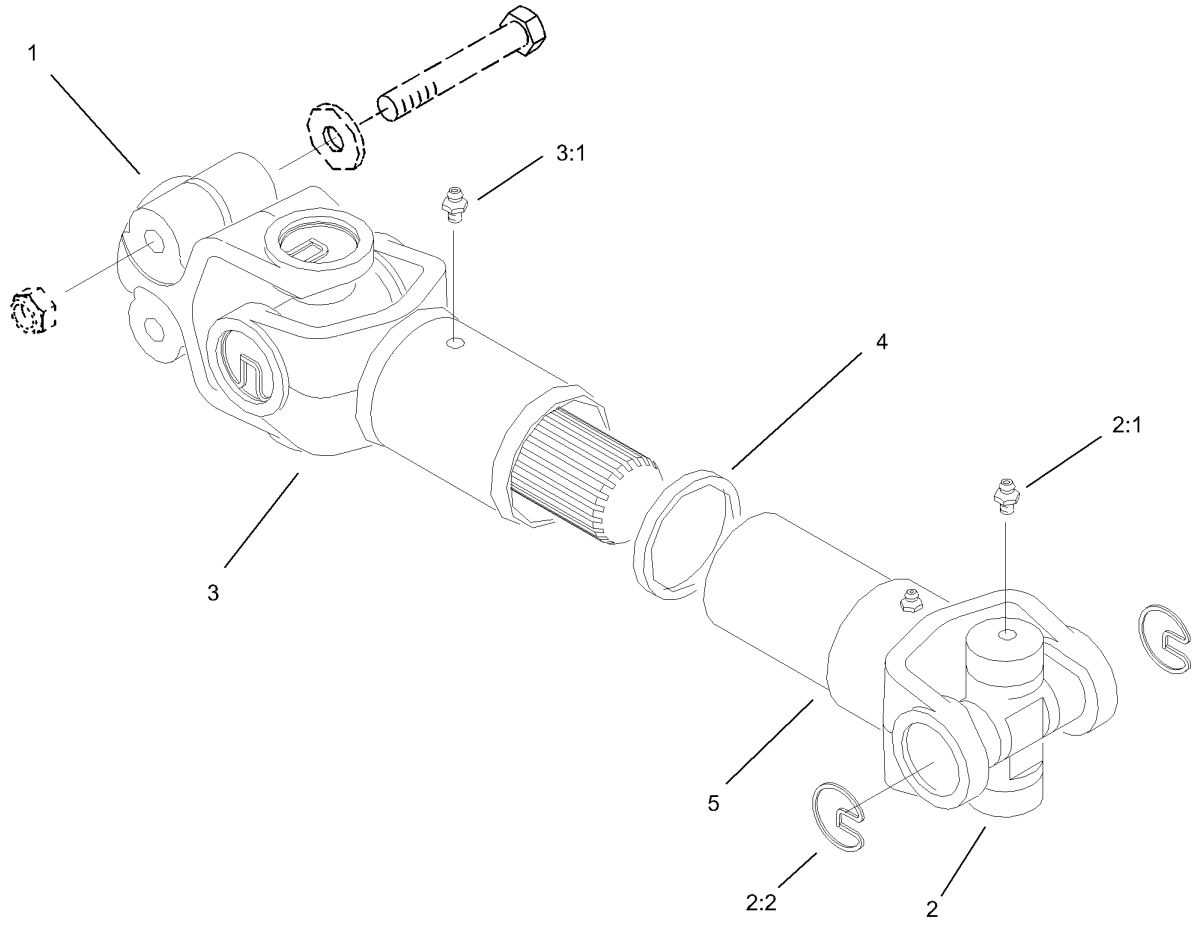


Rear Brake Assembly No. 93-7125 (Right) and 93-7126 (Left)

Ref	Part No.	Qty.	Description
1	92-4135	2	Bolt-Set
2	92-4100	1	RH Backplate ASM
2	92-4136	1	LH Backplate ASM
❷2:1		1	Guide-Pipe
3	92-4146	1	Plunger ASM
4	92-4143	1	Lined Shoe Kit
❷4:1		1	Lever-Operating
❷4:2		1	Pin
5	92-4147	1	Spring-Shoe Ret, Upper LH
5	92-4148	1	Spring-Shoe Ret, Upper RH
6	92-4149	1	Spring-Shoe Ret, Lower
7	92-4124	1	RH Pawl Lever ASM
7	92-4123	1	LH Pawl Lever ASM
❷7:1		1	Pin-Pawl
8	92-4151	1	Spring-Adjuster, RH
8	92-4150	1	Spring-Adjuster, LH
9	92-4131	2	Washer-Hold Down, Shoe
10	92-4152	2	Spring-Hold Down, Shoe
11	92-4134	1	Plug-Inspection
12	92-4133	2	Pin-Hold Down, Shoe
13	92-4145	1	RH Adjustor ASM
13	92-4144	1	LH Adjuster ASM
❷13:1		1	Pushrod-Female
❷13:2		1	Bolt-Adjuster

Ref	Part No.	Qty.	Description
❷13:3		1	Sleeve-Adjuster
14	92-4141	1	RH Wheel Cylinder ASM
14	92-4140	1	LH Wheel Cylinder ASM
14:1	92-4137	1	Screw-Bleed
14:2	92-4114	1	Cap-Screw, Bleed
❷14:3		1	Body
❷14:4		1	Spring
❷14:5		2	Seal-L- Type
❷14:6		2	Piston
❷14:7		2	Cover-Dust
15	92-4142	1	Seal Kit
❷15:1		2	Seal-L- Type
❷15:2		2	Cover-Dust

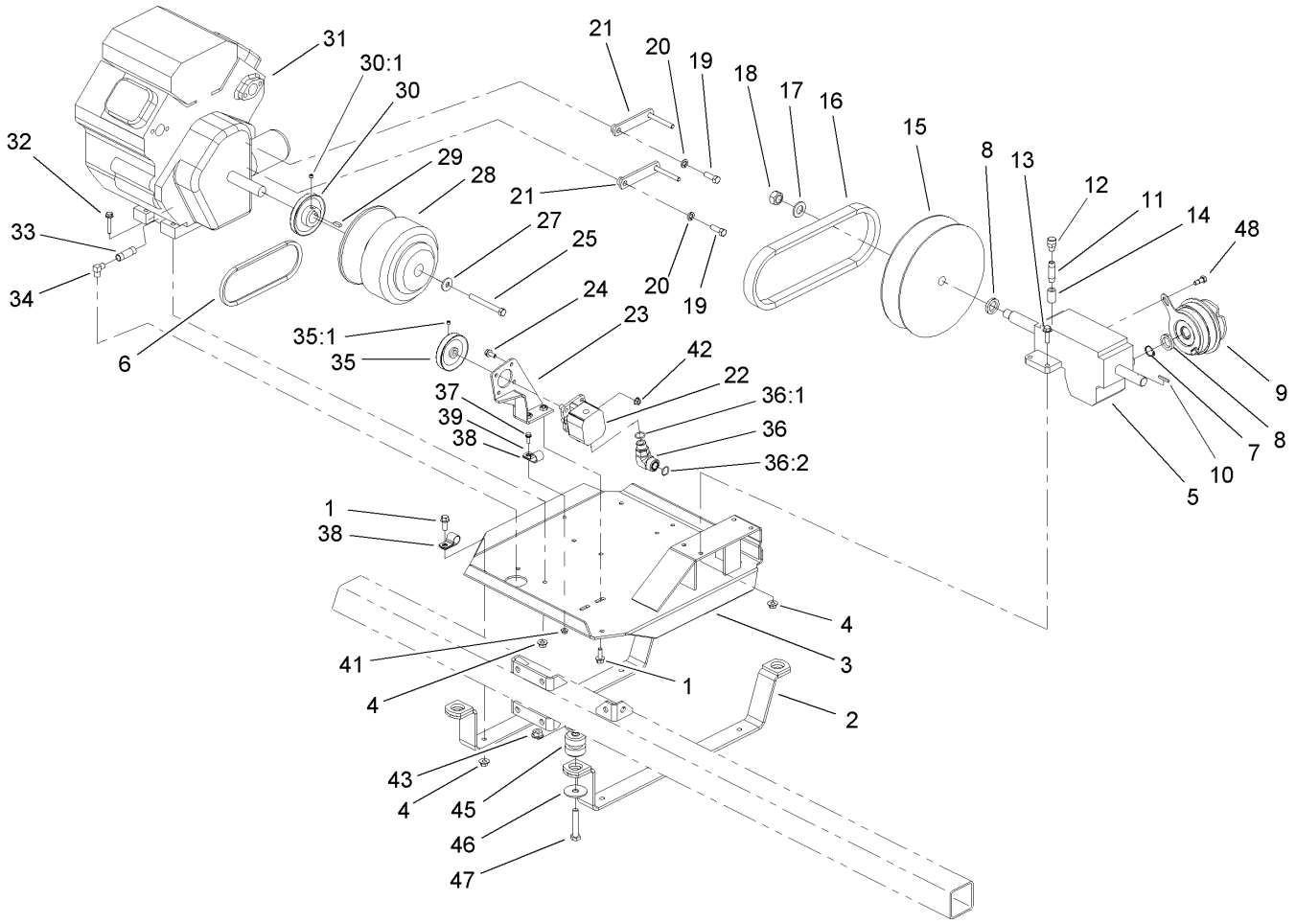
PROTOTYPE



Driveshaft Assembly No. 98-2918

Ref	Part No.	Qty.	Description
1	98-2940	1	Yoke
2	92-4187	2	Cross And Bearing Kit
2:1	302-58	2	Fitting-Grease
2:2	92-4188	2	Ring-Snap
3	92-4179	1	Yoke-Tube, Shaft And Seal
3:1	302-5	1	Fitting-Grease
4	92-4180	1	Seal
5	92-4182	1	Yoke And Hub

PROTOTYPE

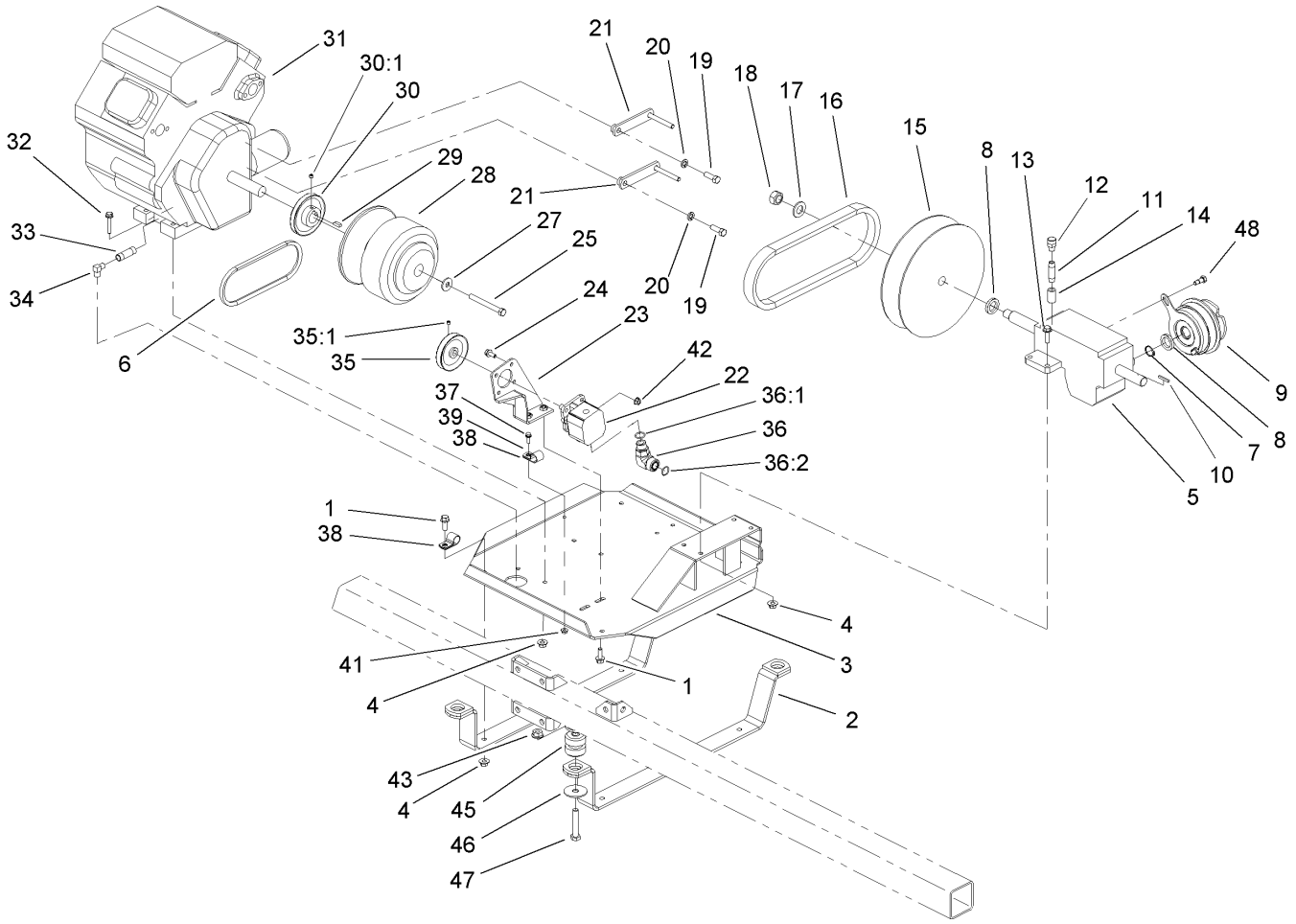


Engine Installation Assembly

Ref	Part No.	Qty.	Description
1	3234-11	6	Screw-HHF
2	100-8377-03	2	Strap-Support, Engine
3	100-8357-03	1	Plate-Mounting, Engine
4	32128-43	12	Nut-Flange
5	99-0663	1	Gearbox-Pump Drive
6	100-8372	1	Belt-Steering
7	32151-36	1	Ring-Retaining
8	100-8390	2	Spacer
9	100-8290	1	Clutch-Electric, Pump Drive
10	92-0049	1	Key-Square
11	106-4869	1	Pipe-Coupling
12	100-6931	1	Breather
13	3234-24	4	Screw-HHF
14	104-8766	1	Nipple
15	100-8289	1	Drive Pulley ASM
16	99-0735	1	Belt-Cvt
17	3256-28	1	Washer-Flat
18	100-8486	1	Nut-Locking, LH
19	324-5	2	Screw-HH
20	3253-6	2	Washer-Lock
21	100-8373	2	Belt Guide ASM
22	100-8302	1	Pump-Steering
23	100-8368-03	1	Bracket-Pump, Steering
24	322-4	4	Screw-HH

Ref	Part No.	Qty.	Description
25	3212-16	1	Screw-HH
27	710128	1	Washer
28	100-8288	1	Clutch-Driver
29	100-8260	1	Key-Shaft
30	92-0488	1	Pulley-Pump, Power Steering
30:1	3246-2	1	Screw-Set, HSH
31	99-0819	1	Engine-Kohler, Ch20s Ps-64647
32	3234-19	4	Screw-HHF
33	92-3647	1	Nipple
34	95023	1	Elbow-90 DEG
35	100-8371	1	Pulley-Pump, Power Steering
35:1	3246-2	1	Screw-Set, HSH
36	340-16	1	Fitting-Hyd, 90
36:1	237-80	1	O-Ring
36:2	237-58	1	O-Ring
37	3234-4	1	Screw-HHF
38	2412-81	3	Clamp-R
39	3256-22	1	Washer-Flat
41	32128-33	1	Nut-HF
42	32128-20	4	Nut-HF
43	32128-49	4	Nut-HHF
45	87-4970	4	Engine Mount ASM
46	41985	4	Special-Washer
47	325-11	4	Screw-HH

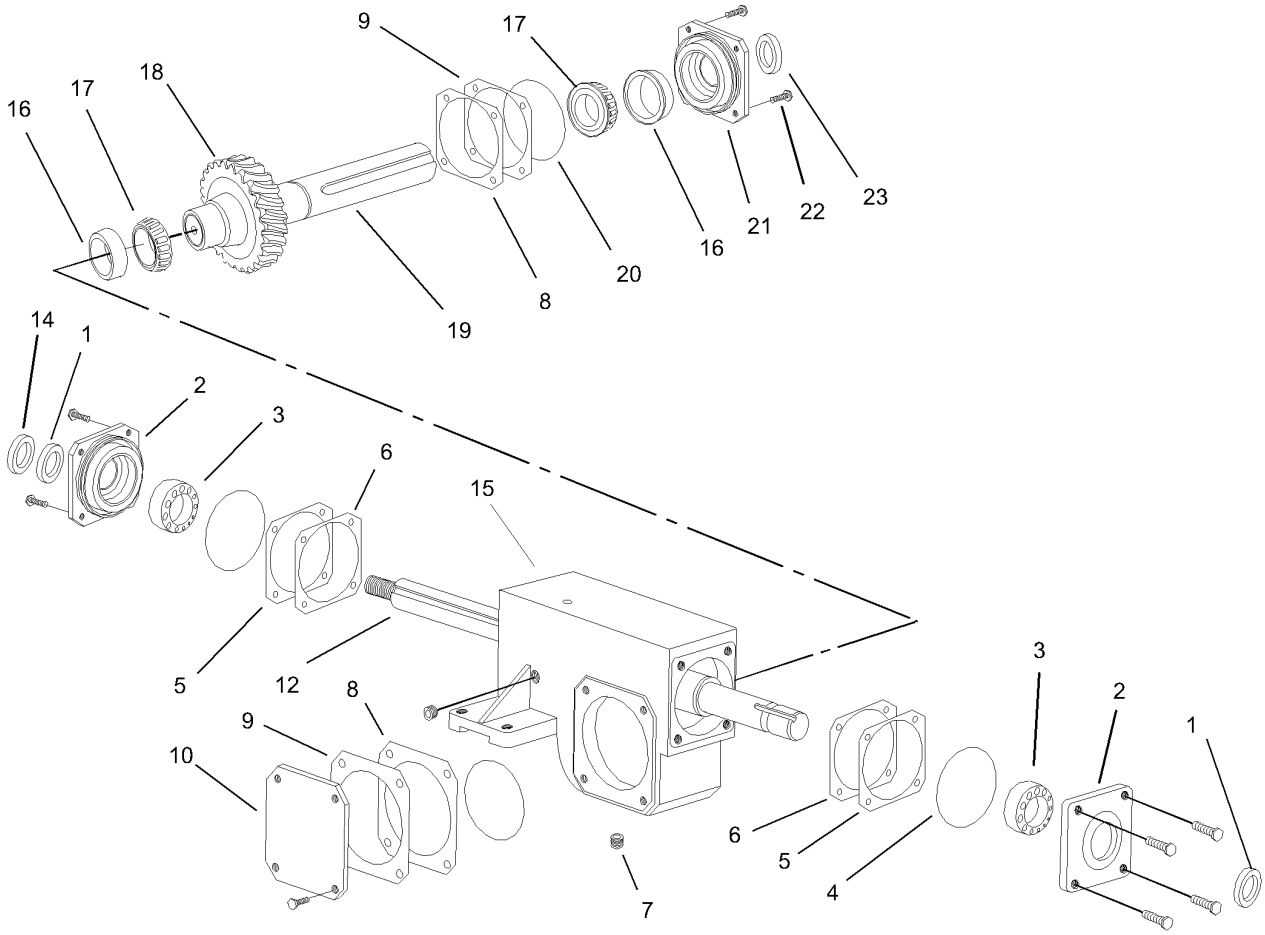
PROTOTYPE



Engine Installation Assembly (continued)

Ref	Part No.	Qty.	Description
48	59-5400	1	Bolt-Shoulder

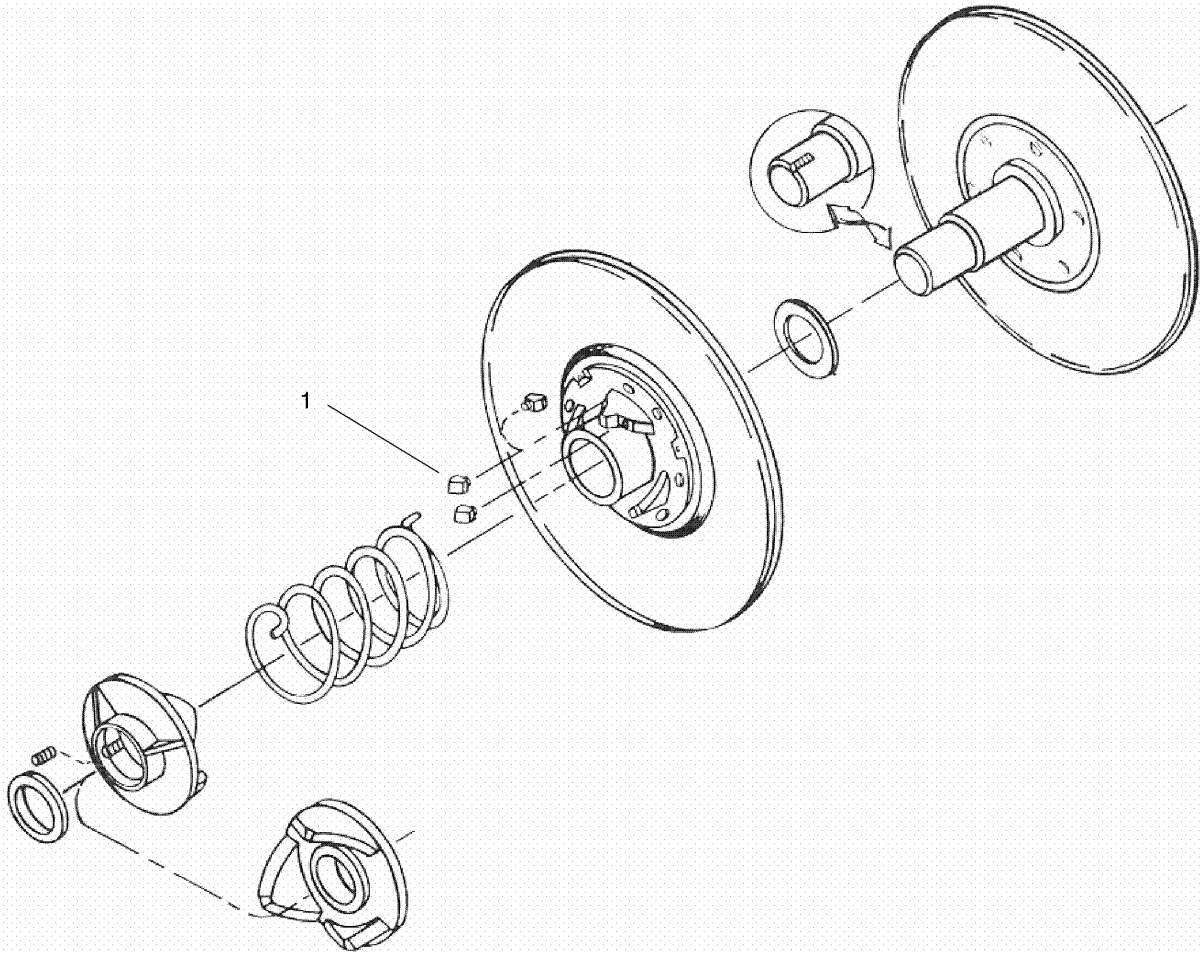
PROTOTYPE



Gearbox Assembly No. 99-0663

Ref	Part No.	Qty.	Description
1	100-6929	2	Seal
2	100-6930	2	Cap-Open
3	251-348	2	Bearing-Ball
4	100-6932	2	O-Ring
5	100-6933	1	Shim-Red, .002
6	100-6934	1	Shim-Blue, .005
7	281-10	2	Plug
8	100-6936	1	Shim-Blue, .005
9	100-6937	1	Shim-Red, .002
10	100-6938	1	Cap-Closed
12	100-6940	1	Shaft-Worm
14	100-8390	1	Spacer
❷15		1	Housing-Gearbox
16	254-72	2	Bearing-Cup, Tapered
17	254-94	2	Bearing-Cone, Taper
18	100-6944	1	Gear-Worm, S/1
19	100-6946	1	Shaft-Output
20	237-161	2	O-Ring
21	100-6948	1	Cap-Open
22	321-3	16	Screw-HH
23	104-8764	1	Seal-Viton

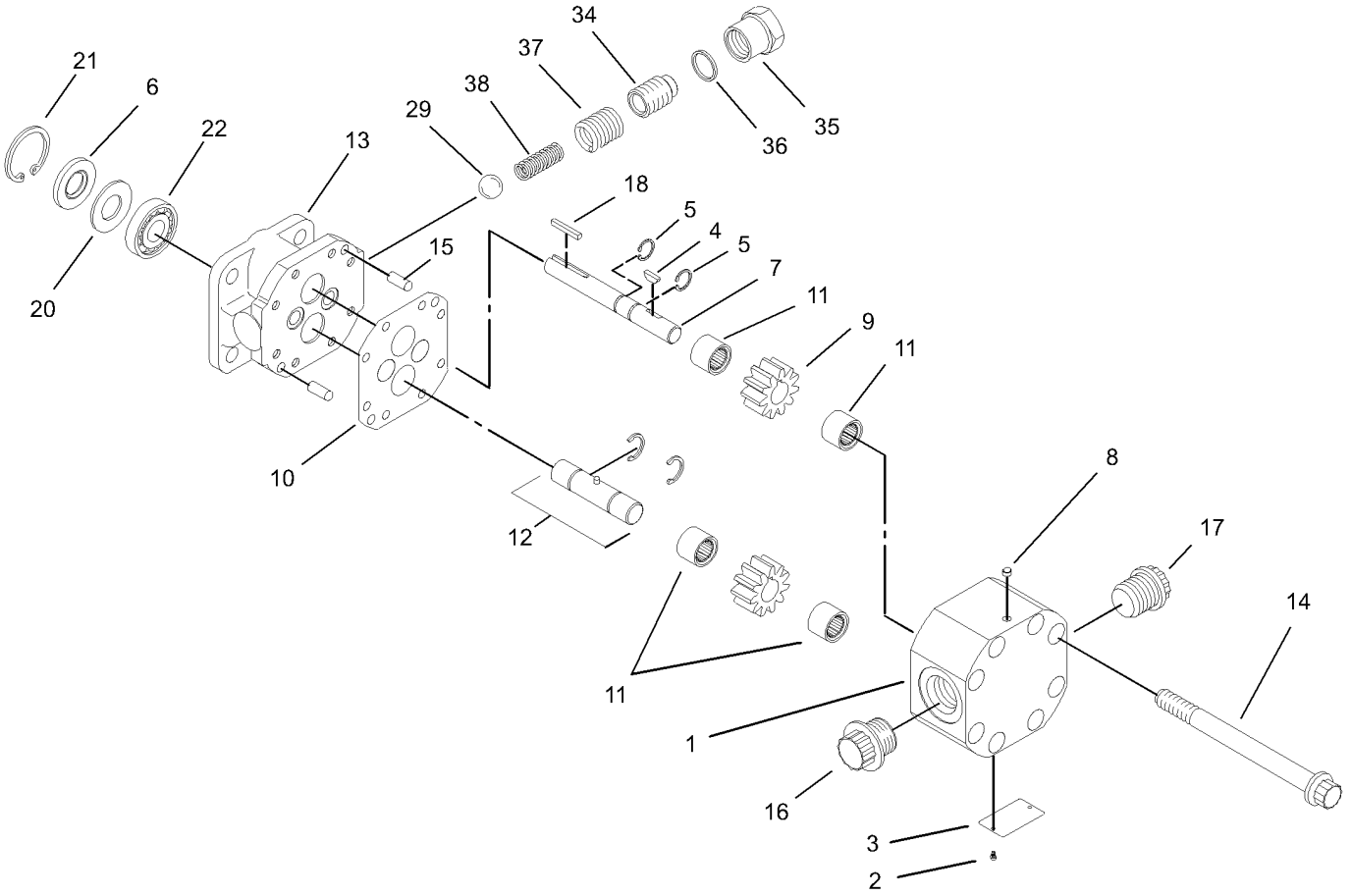
PROTOTYPE



Drive Pulley Assembly No. 100-8289

Ref	Part No.	Qty.	Description
1	104-1683	6	Button

PROTOTYPE

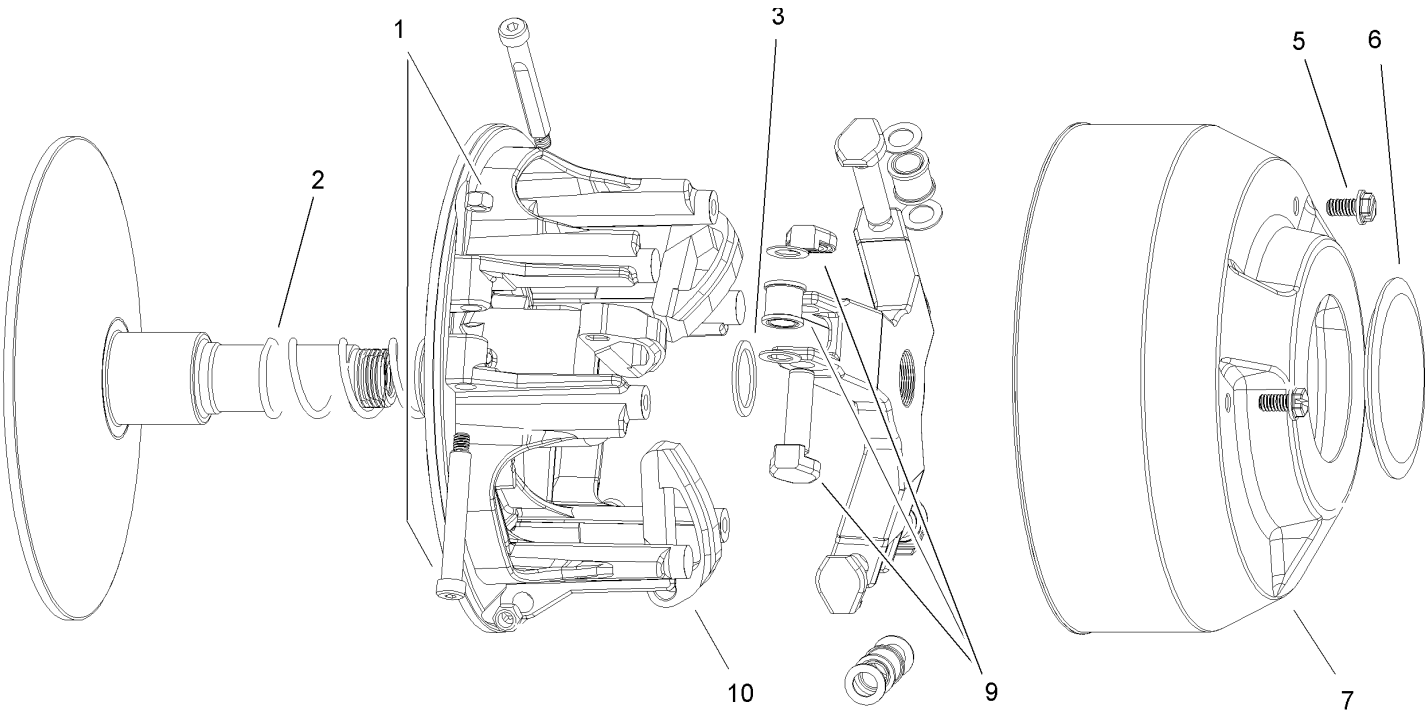


Steering Pump Assembly No. 100-8302

Ref	Part No.	Qty.	Description
❷1		1	Housing
❷2		2	Screw
❷3		1	Plate-Name
4	100-8270	1	Key
5	106-6851	2	Ring-Retaining
6	100-8275	1	Seal
7	106-6852	1	Shaft-Drive
8	100-8269	1	Plug-Beta
9	106-6853	1	Gear
10	106-6854	1	Gasket Kit
11	106-6855	4	Bearing-Needle
12	106-6856	1	Shaft-Idler
❷13		1	Stator
14	100-8268	8	Screw
15	100-8265	2	Pin-Shear
❷16		1	Plug
❷17		1	Plug
18	92-3876	1	Key-Shaft
20	92-2186	1	Spacer
21	106-6857	1	Ring-Retaining
22	92-2191	1	Bearing-Ball
29	100-8273	1	Ball-Steel
34	100-8272	1	Screw
35	92-2184	1	Cap-Hex, Relief Valve

Ref	Part No.	Qty.	Description
36	92-2180	1	Gasket-Copper
37	92-3870	1	Spring
38	92-3871	1	Spring

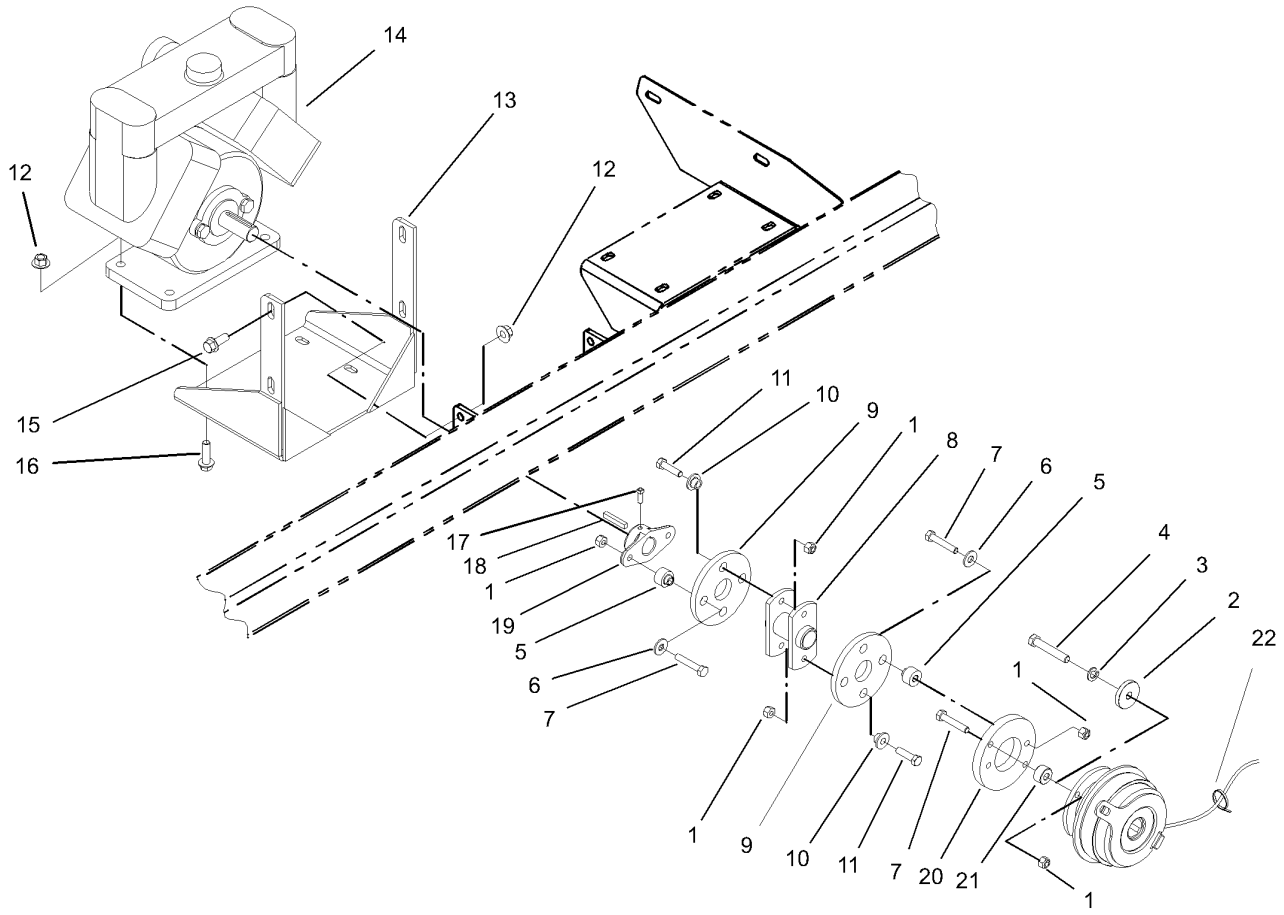
PROTOTYPE



Driver Clutch Assembly No. 100-8288

Ref	Part No.	Qty.	Description
1	104-4256	1	Pivot Bolt And Nut Kit
2	100-6921	1	Spring-White
3	104-1687	1	Spacer
5	3234-26	3	Screw
6	104-1690	1	Cap
7	104-1691	1	Cover
9	104-1697	1	Spider Roller Kit
10	100-6922	1	Arm-Cam

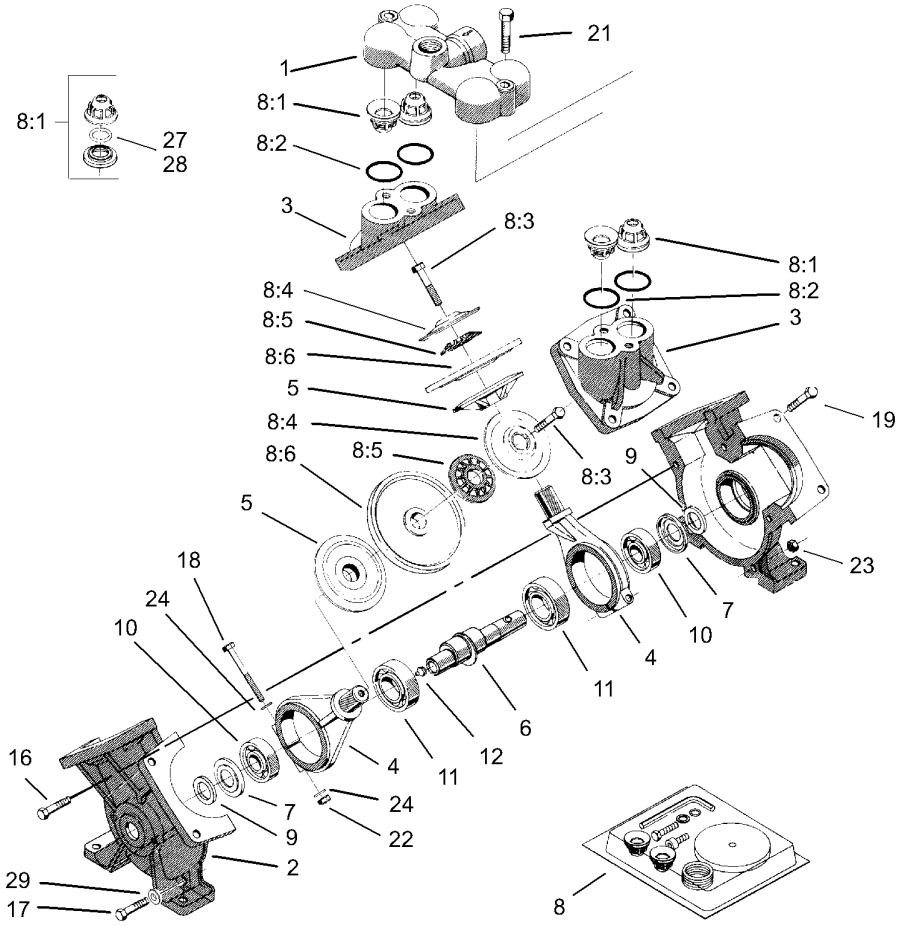
PROTOTYPE



Pump Installation Assembly

Ref	Part No.	Qty.	Description
1	3296-29	10	Nut-Lock, NI
2	100-8391	1	Retainer-Electric Clutch
3	3253-5	1	Washer-Lock
4	3211-10	1	Screw-HH
5	27-6590	4	Spacer-Coupling, Rubber
6	3256-3	4	Washer-Flat
7	322-9	6	Screw-HH
8	80-6950-03	1	Coupler-Drive
9	100-8471	2	Coupling-Rubber
10	104-8774	4	Spacer-Coupling
11	322-6	4	Screw-HH
12	32128-43	8	Nut-Flange
13	100-8477-03	1	Pump Mounting Bracket ASM
14	106-5121	1	Pump
15	3234-11	4	Screw-HHF
16	3234-24	4	Screw-HHF
17	3241-5	2	Screw-Set
18	67-7490	1	Key-Square
19	93-2589	1	Hub-Pump
20	100-8435	1	Adapter-Clutch
21	104-8763	2	Spacer
22	3290-379	1	Tie-Cable

PROTOTYPE

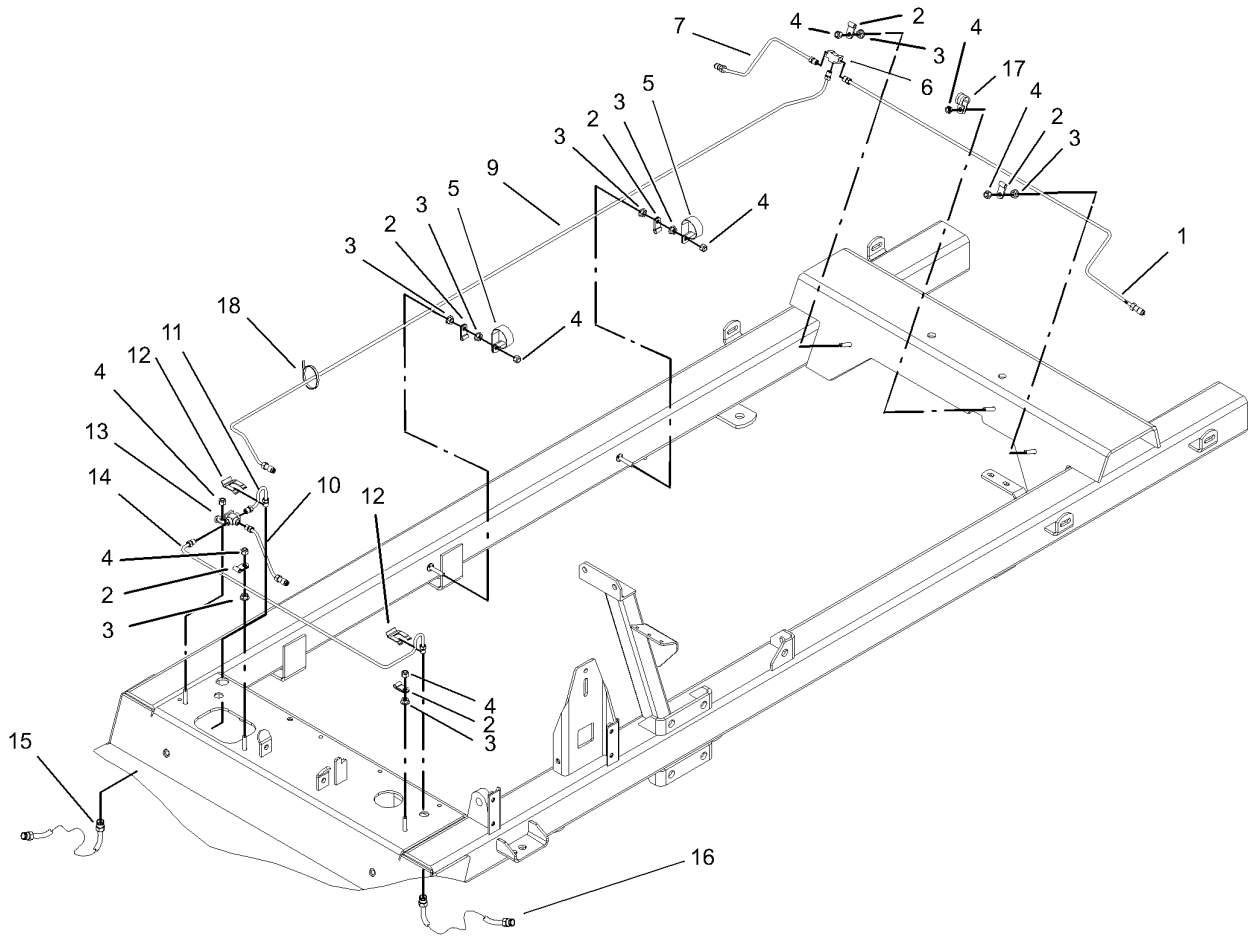


Pump Assembly No. 106-5121

Ref	Part No.	Qty.	Description
1	106-5139	1	Cover-Valve
2	106-5140	2	Housing-Pump
3	106-5141	2	Cover-Diaphragm
4	106-5142	2	Rod-Connecting
5	100-8314	2	Disc-Back, Diaphragm
6	104-9052	1	Crankshaft-Keyed
7	100-8325	2	Plate-Dust
8	106-5150	1	Repair Kit
8:1	100-8307	4	Valve
8:2	100-6652	4	Gasket
8:3	106-5147	2	Bolt
8:4	100-8311	2	Washer
8:5	100-8312	2	Washer-Nylon
8:6	100-8313	2	Diaphragm
9	99-0868	2	Felt-Seal
10	100-8327	2	Bearing-Ball
11	100-8329	2	Bearing-Ball
12	99-0873	1	Fitting-Grease
16	106-5143	3	Bolt
17	106-5144	2	Bolt
18	106-5145	2	Bolt
19	106-5146	8	Bolt
21	106-5148	2	Bolt
22	100-8326	2	Nut-Hex

Ref	Part No.	Qty.	Description
23	106-5149	5	Nut
24	100-8316	4	Washer-Lock
27	100-8336	4	O-Ring
28	106-5138	4	O-Ring
29	106-5137	2	Washer

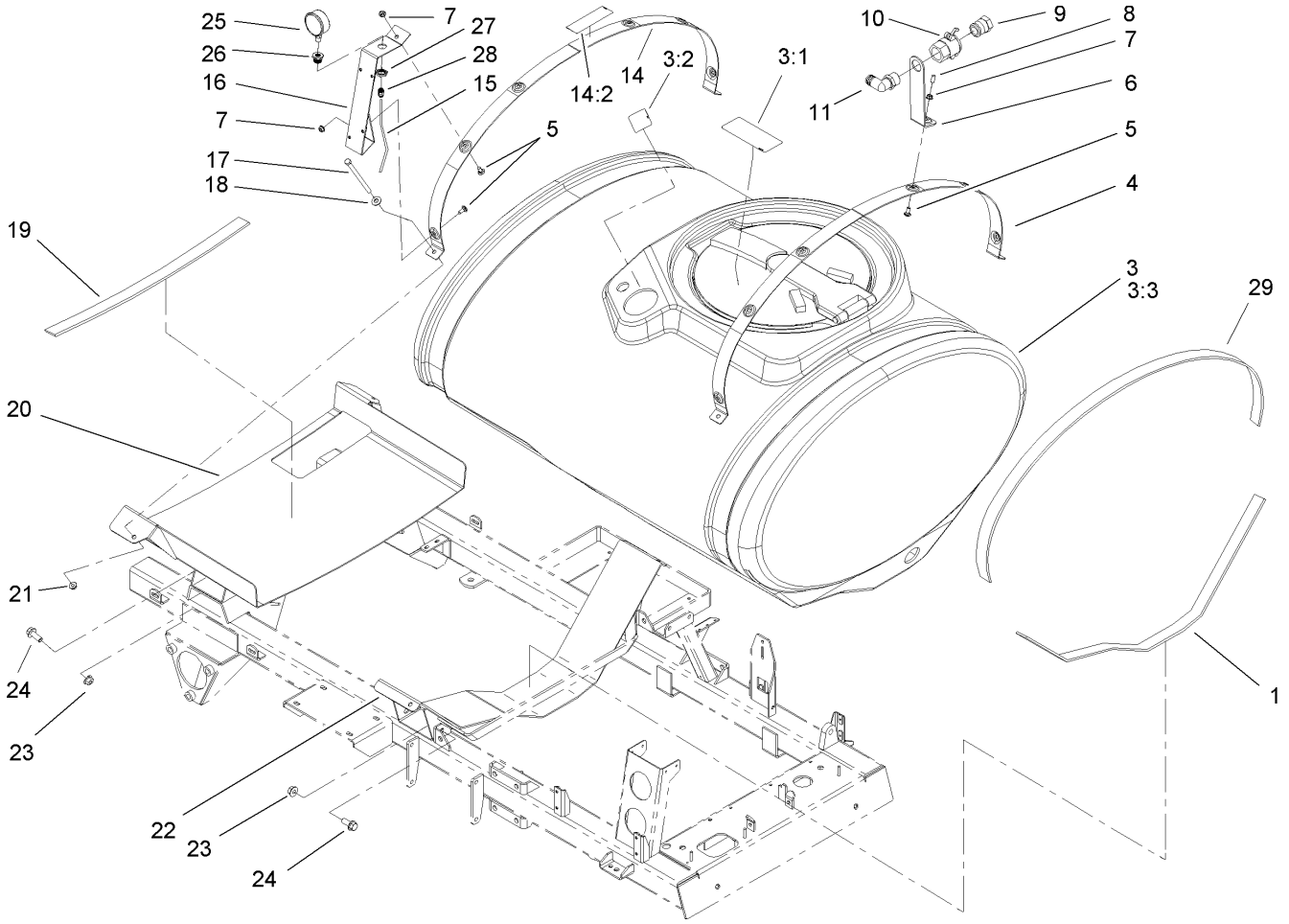
PROTOTYPE



Hydraulic Brake Line Assembly

Ref	Part No.	Qty.	Description
1	100-8511	1	Tube-Brake, Rear LH
2	2412-149	6	Clamp-Hose
3	32128-33	8	Nut-HF
4	3296-42	8	Nut-Lock, NI
5	2412-74	2	R-Clamp
6	98346	1	Fitting-Tee
7	100-8510	1	Tube-Brake, Rear RH
9	100-8509	1	Brake Tube Asm, Rear Supply
10	100-8506	1	Brake Tube Asm, Front Supply
11	100-8508	1	Tube-Brake, Front RH
12	87-3580	2	Clip-Retainer
13	87-3560	1	Tee
14	100-8507	1	Tube-Brake, Front LH
15	100-8420	1	Hose-Front Brake
16	100-8467	1	Hose-Front Brake, LH
17	2412-134	1	R-Clamp
18	3290-379	3	Tie-Cable

PROTOTYPE

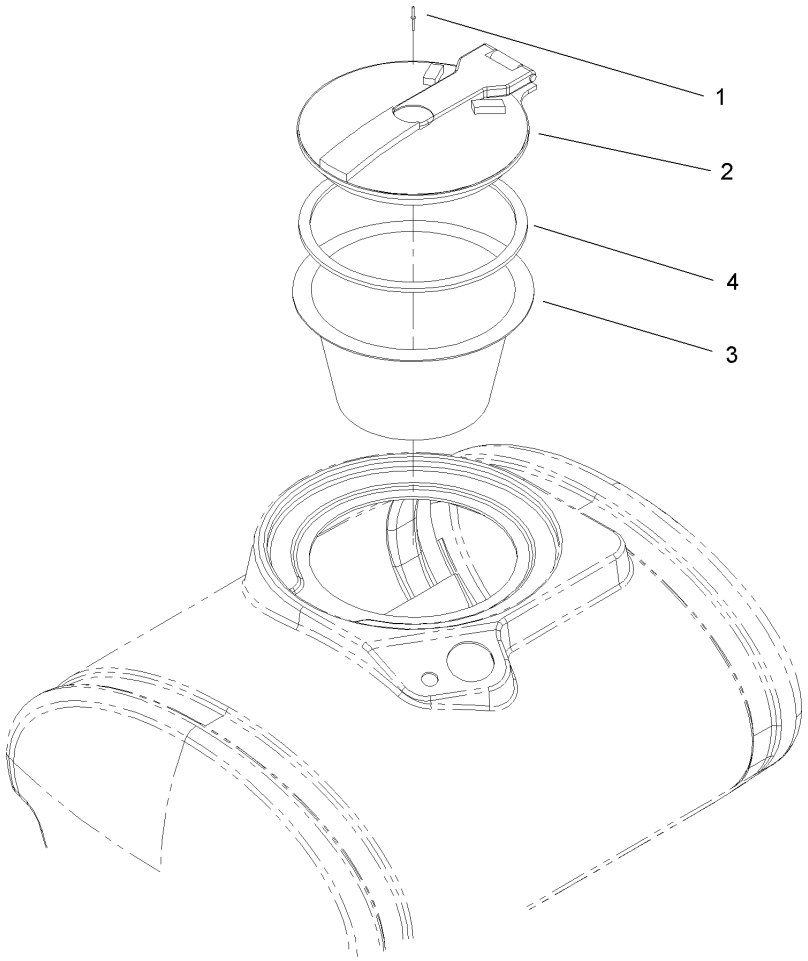


Tank and Saddle Assembly

Ref	Part No.	Qty.	Description
1	100-8573	2	Foam-Saddle, Front
3	104-9053	1	160 Gallon Tank ASM
3:1	100-6836	1	Decal-Tank Drain
3:2	93-0688	1	Decal-Warning, Chemical
❷3:3		1	160 Gallon Spray Tank ASM
4	100-8575-03	1	Band-Tank
5	3230-1	3	Bolt-CARR
6	100-6778-03	1	Bracket-Anti-Siphon
7	32128-20	3	Nut-HF
8	42452	1	Cap-Protective
9	41316	1	Adapter-Quick
10	100-6779	1	Coupling-Female
11	41140	1	Elbow
14	100-7006	1	Tank Band ASM
14:2	87-0570	1	Decal-Electric Shock
15	104-8989	1	Tubing-Pressure
16	100-8479-03	1	Tee Mounting Bracket ASM
17	100-8528	4	Screw-HH
18	3256-4	4	Washer-Flat
19	100-8574	3	Foam-Saddle, Right Rear
20	100-8569-03	1	Rear-Saddle
21	104-8301	4	Nut-Flange, NI
22	100-8565-03	1	Front-Saddle
23	32128-49	4	Nut-HHF

Ref	Part No.	Qty.	Description
24	3234-32	4	Screw-HHF
25	100-8576	1	Gauge-Pressure
26	100-8665	1	Reducer-Gauge, Pressure
27	100-8666	1	Nut-Reducer
28	100-8667	1	Coupler-Reducer
29	104-8781	2	Insulator-Tank, Strap

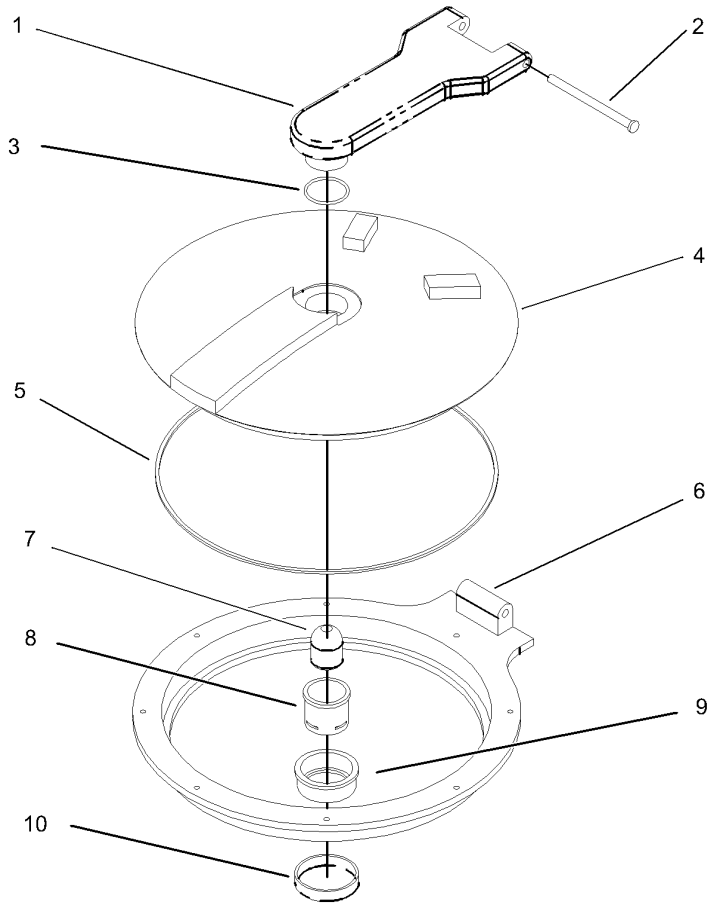
PROTOTYPE



Spray Tank Assembly No. 104-9020

Ref	Part No.	Qty.	Description
1	93-0833	8	Rivet
2	94-7088	1	Tank Lid ASM
3	104-9051	1	Basket-Strainer
4	106-4991	1	Seal-Lid

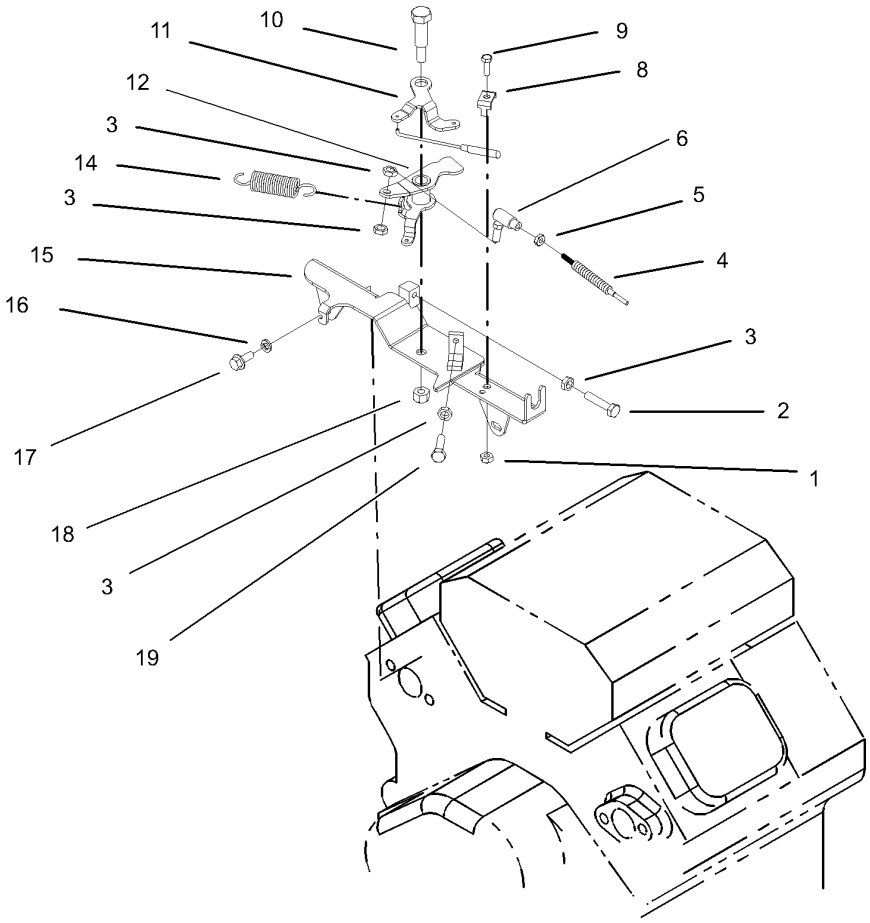
PROTOTYPE



Spray Tank Lid Assembly No. 94-7088

Ref	Part No.	Qty.	Description
1	94-7205	1	Arm-Swivel
2	94-7213	1	Pin-Pivot
3	94-7206	1	O-Ring
4	94-7207	1	Lid
5	94-7208	1	Gasket
6	94-7211	1	Ring
7	94-7209	1	Plunger
8	94-7210	1	Body
9	94-7212	1	Nut
10	94-7214	1	Cap

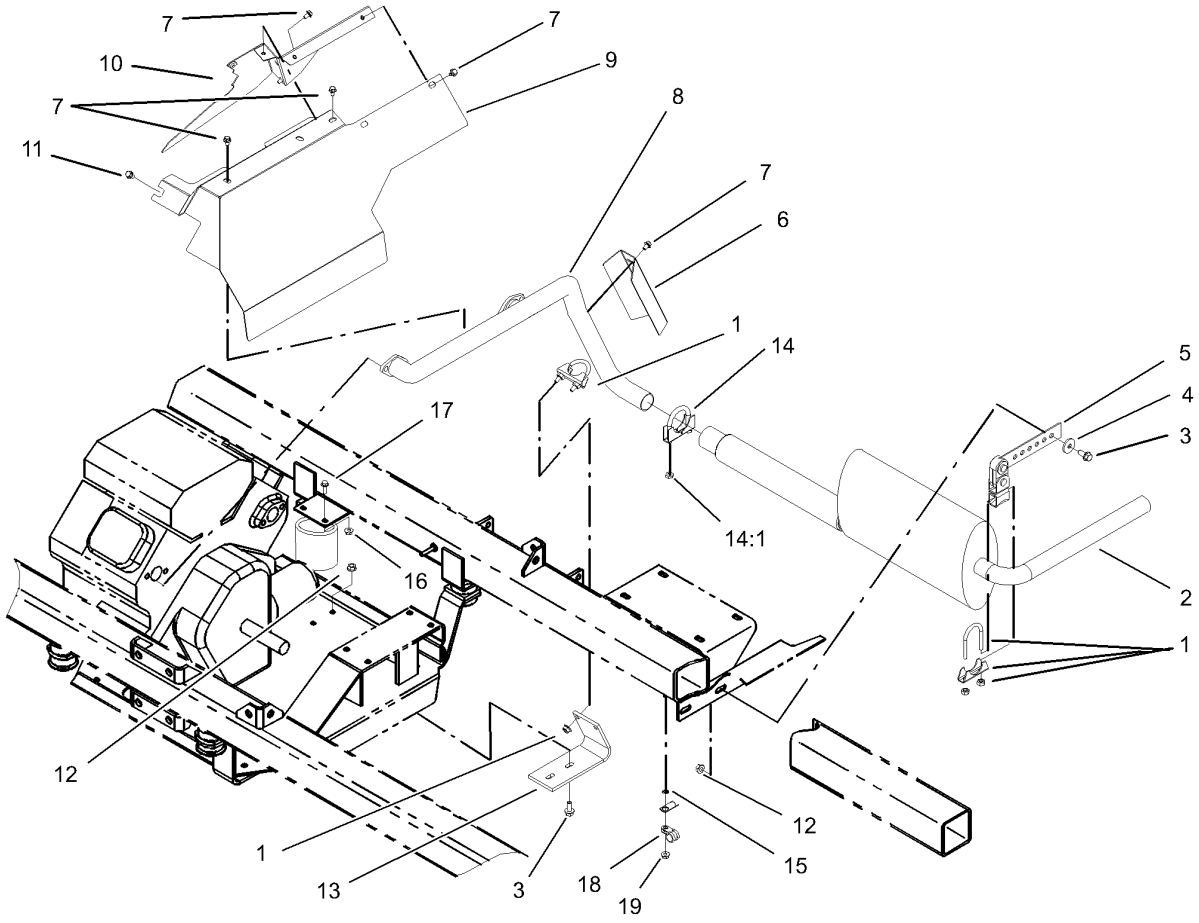
PROTOTYPE



Throttle Linkage Assembly

Ref	Part No.	Qty.	Description
1	3296-2	1	Nut-Lock
2	329-7	1	Screw-HH
3	3220-1	4	Nut-Jam
4	100-8383	1	Cable-Accelerator
5	3219-14	1	Nut-Hex
6	100-8559	1	Ball Joint ASM
8	92-0477	1	Clamp-Cable
9	3290-134	1	Screw
10	7-0030	1	Bolt-Shoulder
11	87-7790	1	Lever-Choke
12	100-8558	1	Lever-Throttle
14	67-1450	1	Spring-Idler, Deck
15	100-8557	1	Lever-Throttle
16	48-8020	4	Washer-Spring
17	33103-016	4	Screw-HHF
18	3296-29	1	Nut-Lock, NI
19	329-6	1	Screw-HH

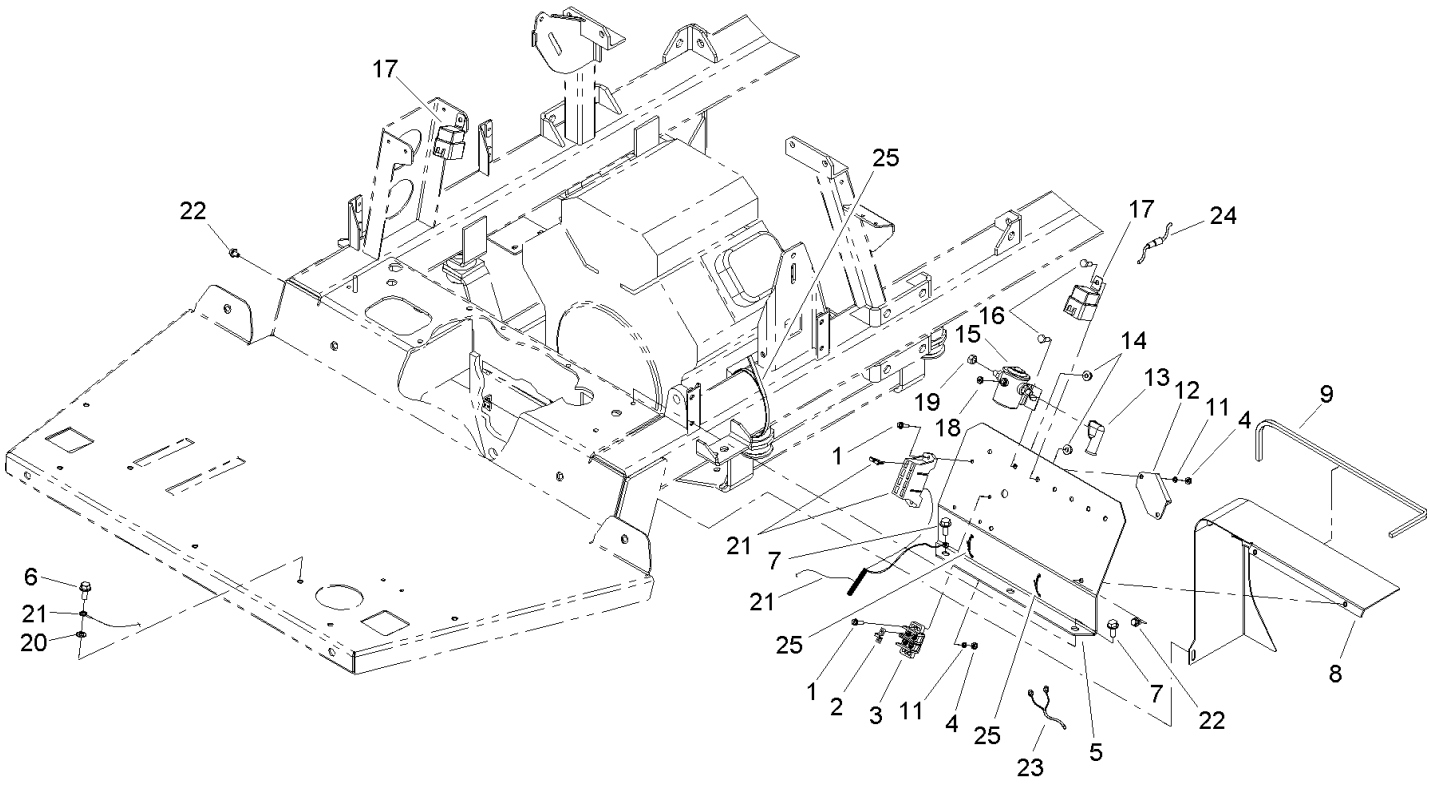
PROTOTYPE



Exhaust Assembly

Ref	Part No.	Qty.	Description
1	2112-11	2	Clamp-Muffler
2	100-8292	1	Muffler Tailpipe ASM
3	3234-5	4	Screw
4	356303	2	Washer
5	100-8526	1	Hanger-Muffler
6	100-8409-03	1	Shield-Exhaust Lower
7	3234-26	10	Screw
8	100-8291	1	Header-Pipe ASM
9	100-7028-03	1	Shield-Upper Heat
10	100-7029-03	1	Shield Mid Heat ASM
11	33103-012	1	Screw-HHF
12	32128-20	4	Nut-HF
13	100-8527	1	Support Header
14	2112-9	1	Clamp
14:1	32128-20	2	Nut-HF
15	3255-7	1	Washer-Lock/ext
16	32128-33	2	Nut-HF
17	3234-4	2	Screw-HHF
18	2412-134	1	R-Clamp
19	32128-33	1	Nut-HF

PROTOTYPE

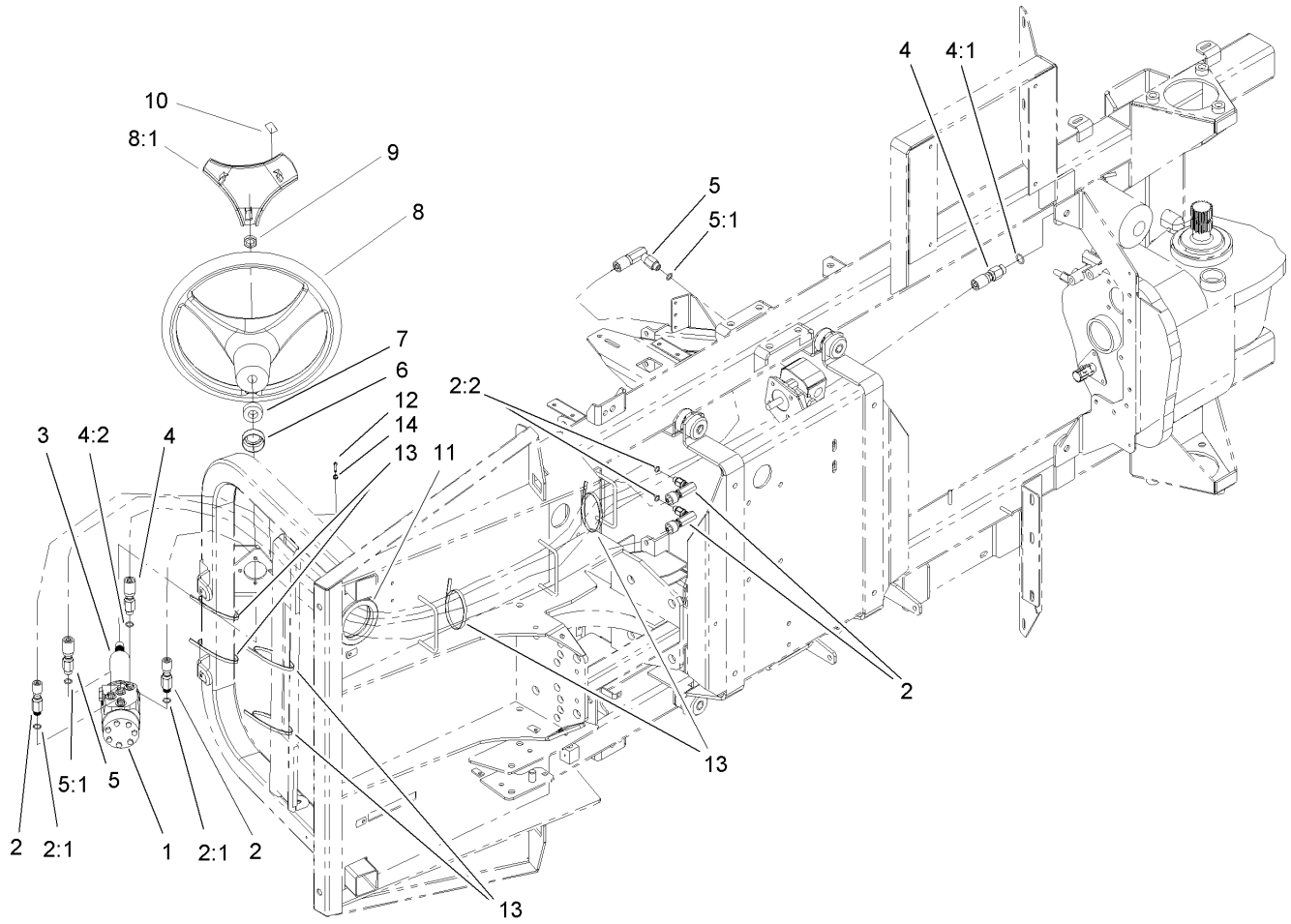


Electrical Panel Assembly

Ref	Part No.	Qty.	Description
1	32105-13	4	Screw-SHH
2	42863	1	Strip-Jumper
3	42862	1	Block-Terminal, Ground
4	3217-26	4	Nut-Hex
5	100-8441-03	1	Panel-Electrical
6	3234-5	1	Screw
7	32144-70	3	Screw-HH
8	100-7025-03	1	Shield Front Heat ASM
9	100-7027	1	Trim
11	3253-17	4	Washer-Lock/sp
12	99-3703	1	Module-Cruise
13	92-0034	3	Boot-Terminal
14	32128-33	7	Nut-HF
15	94-7079	1	Solenoid-Accessory
16	321-3	7	Screw-HH
17	70-1480	6	Relay
18	3219-14	1	Nut-Hex
19	3219-2	2	Nut-Hex
20	3255-8	2	Washer-Lock
21	106-5114	1	Harness-Wire, Main Vehicle
22	3234-26	3	Screw
23	107-8600	1	Harness-Wire, Spray System
❶23:1	100-4918	2	Diode
24	104-9054	3	Holder-Fuse

Ref	Part No.	Qty.	Description
25	3290-379	3	Tie-Cable

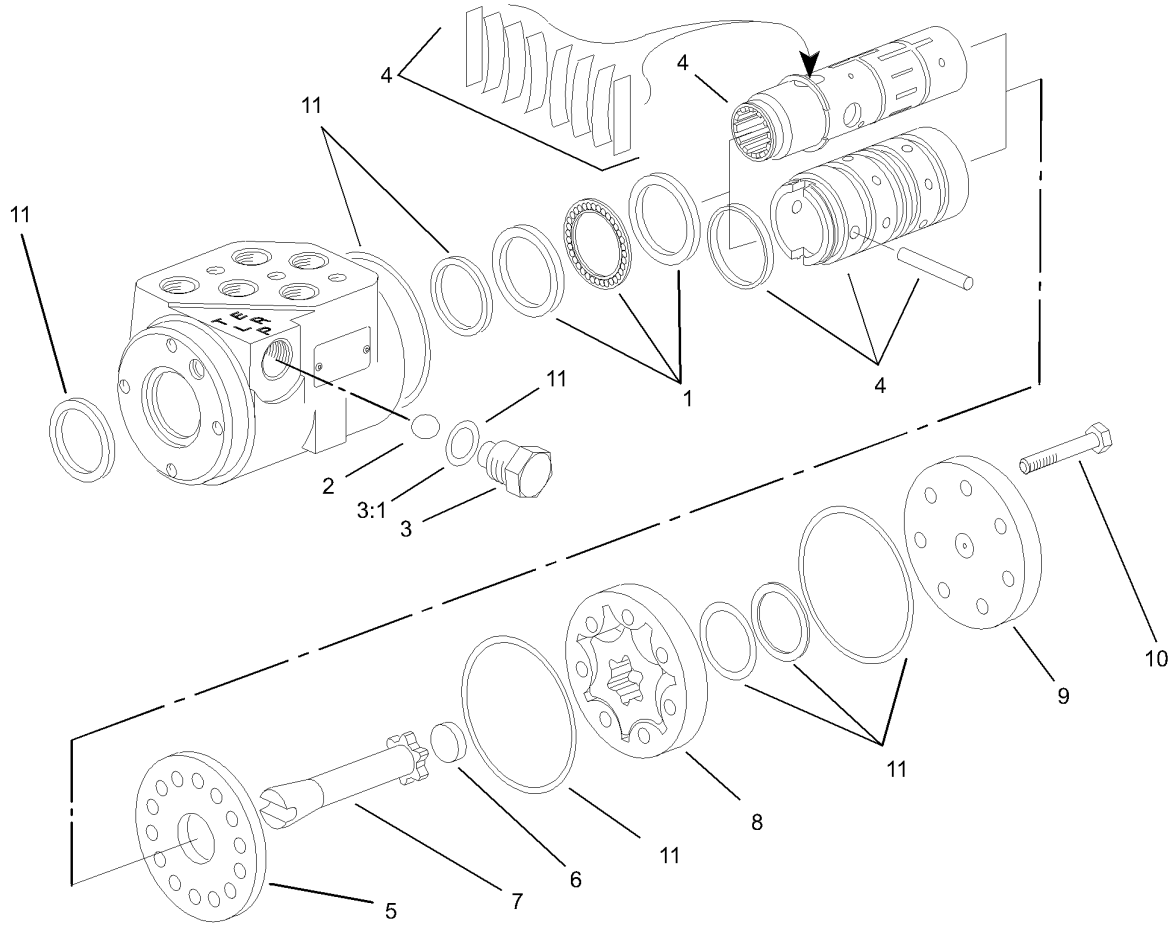
PROTOTYPE



Hydraulic Hose Routing Assembly

Ref	Part No.	Qty.	Description
1	92-3502	1	Steering Control ASM
2	100-8252	2	Hose ASM
2:1	237-78	1	O-Ring
2:2	237-42	1	O-Ring
3	94-8792	1	Column-Steering
4	100-8253	1	Hose ASM
4:1	237-42	1	O-Ring
4:2	237-79	1	O-Ring
5	100-8251	1	Hose ASM
5:1	237-42	2	O-Ring
6	93-5439	1	Seal-Steering
7	21-9260	1	Cover-Dust
8	98-1471	1	Wheel-Steering
8:1	98-1468	1	Cover-Wheel, Steering
9	92-3513	1	Nut
10	98-1459	1	Decal
11	237-102	1	Grommet
12	32105-9	4	Screw
13	3290-379	6	Tie-Cable
14	3253-18	4	Washer-Lock/sp

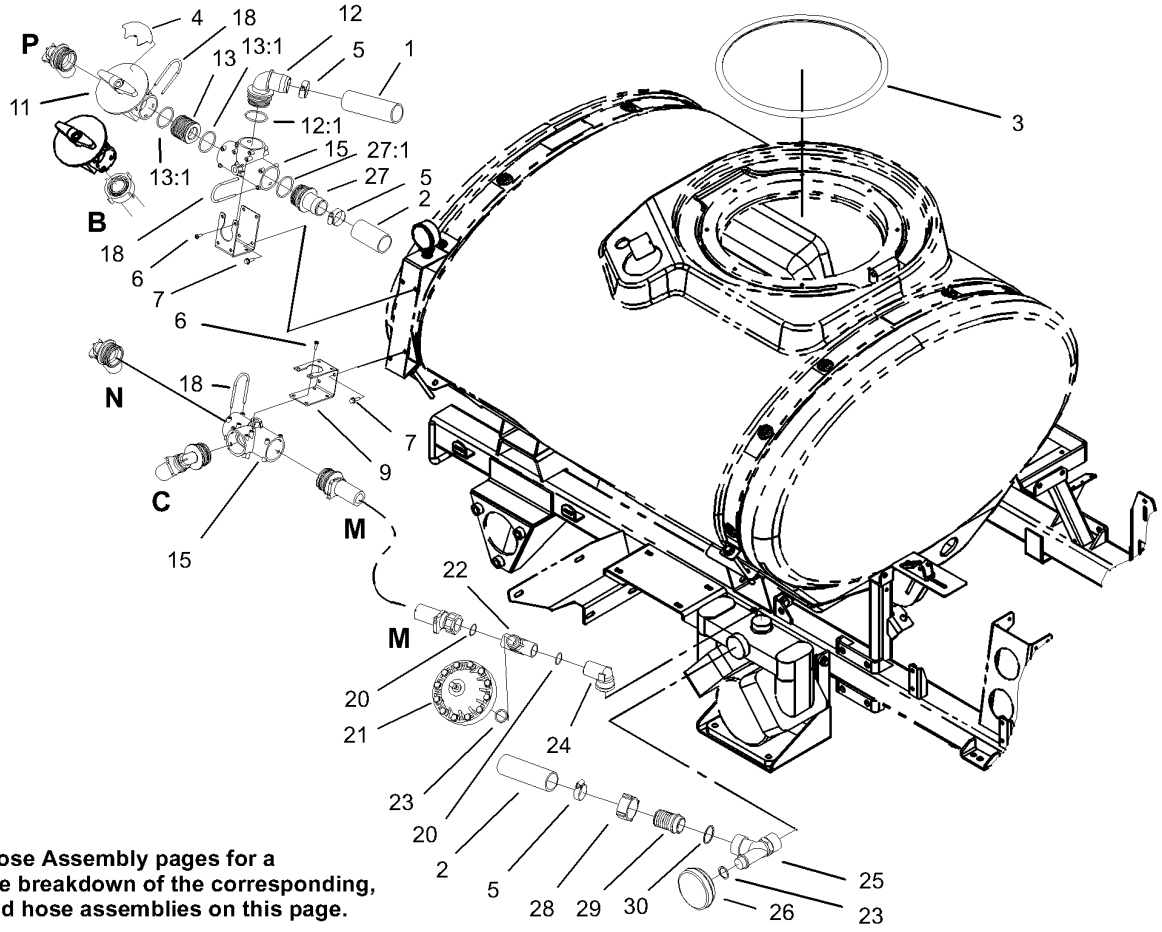
PROTOTYPE



Steering Control Assembly No. 92-3502

Ref	Part No.	Qty.	Description
1	92-3839	1	Bearing Kit
2	92-3842	1	Ball
3	92-3841	1	Plug ASM
❷3:1		1	O-Ring
4	94-4095	1	Centering Spring Kit
5	92-3843	1	Plate-Wear
6	92-3845	1	Spacer
7	92-3844	1	Drive
8	92-3846	1	Gerotor
9	92-3847	1	Cap-End
10	92-3848	7	Capscrew
11	92-3849	1	Seal Kit

PROTOTYPE



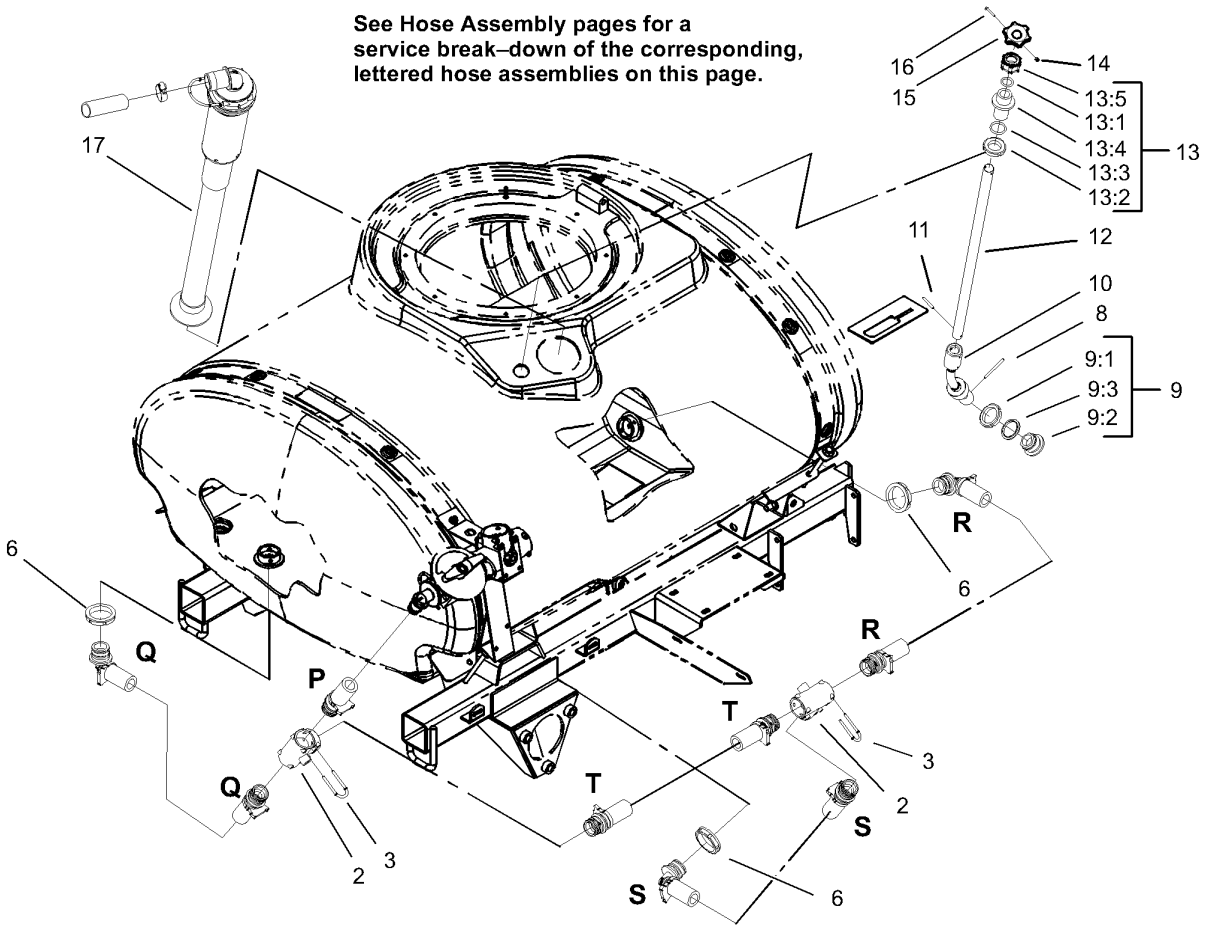
See Hose Assembly pages for a service breakdown of the corresponding, lettered hose assemblies on this page.

Sprayer Component Assembly

Ref	Part No.	Qty.	Description
1	100-8483	1	Hose-Suction
2	100-8484	1	Hose-Suction
3	104-9004	1	Seal-Strainer Basket
4	100-8577	1	Decal-Agitate Valve
5	41327	4	Clamp-Hose
6	32144-32	8	Screw
7	3234-4	4	Screw-HHF
9	100-8478	2	Bracket-Tee
11	100-8673	1	Agitation Valve ASM
12	106-4946	1	Hosebarb-90 DEG
12:1	100-8637	1	O-Ring
13	106-4947	1	Connector
13:1	100-8637	2	O-Ring
15	100-6704	2	Tee
18	100-8635	8	Fork
20	100-6655	2	Gasket
21	100-6662	1	Damper-Pressure
22	100-8699	1	Tee
23	100-6656	2	O-Ring
24	100-8698	1	Elbow
25	100-8681	1	Tee
26	100-6660	1	Suction Damper ASM
27	106-4936	1	Hosebarb
27:1	100-8637	1	O-Ring

Ref	Part No.	Qty.	Description
28	100-8678	1	Nut
29	100-8679	1	Hosebarb
30	100-8680	1	Seal

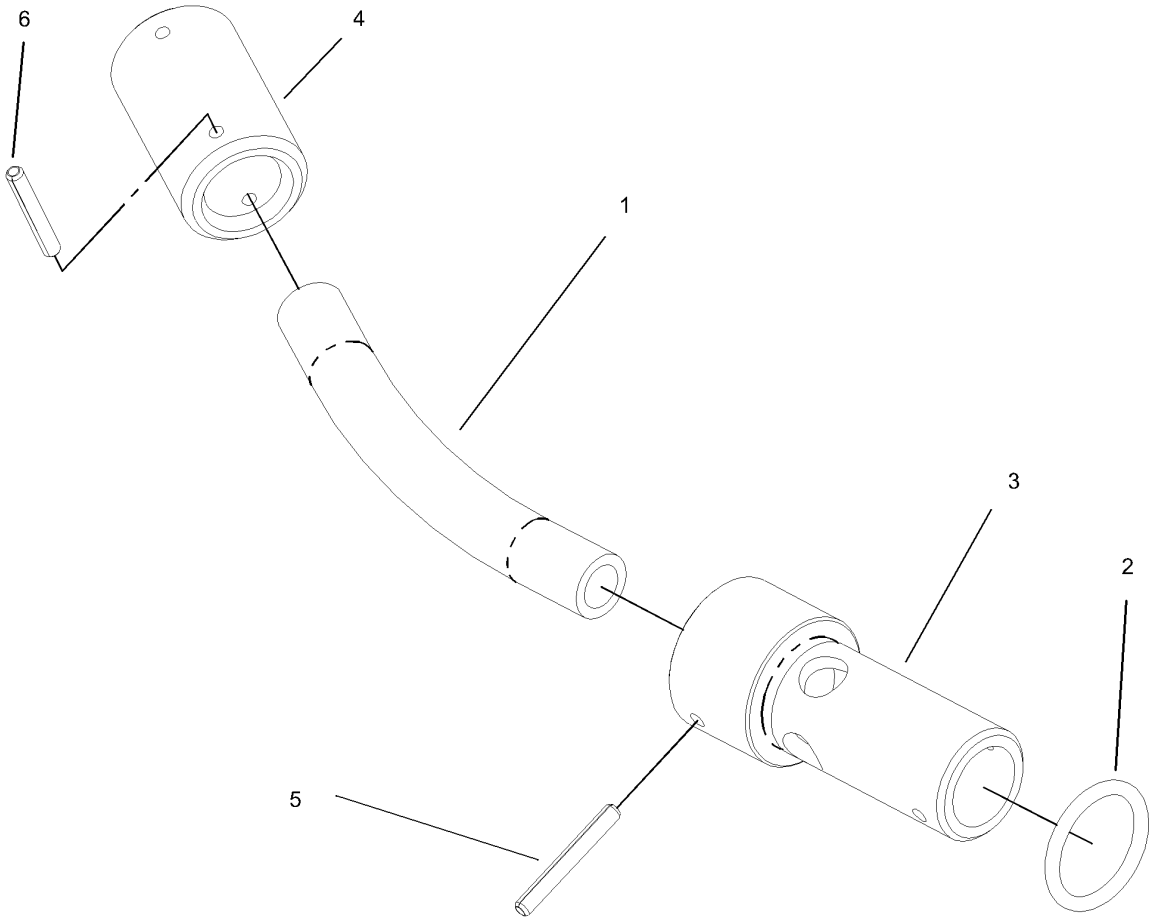
PROTOTYPE



Sprayer Component Assembly

Ref	Part No.	Qty.	Description
2	104-9041	2	Tee
3	100-6708	6	Fork
6	100-6713	3	Nut-Bulkhead
8	100-8663	1	Pin
❷9		1	Lower Bulkhead Fitting ASM
9:1	99-0761	1	Ringnut
9:2	100-8664	1	Fitting-Bulkhead
9:3	100-8659	1	Gasket
❷10		1	Drain Screw ASM
11	100-8661	1	Pin-Expansion
12	106-4899	1	Tube-Control, Drain
❷13		1	Upper Bulkhead Fitting ASM
13:1	100-6643	1	O-Ring
13:2	99-0758	1	Nut
13:3	100-6658	1	Gasket
13:4	106-1240	1	Bulkhead
13:5	106-1241	1	Nut-Special
14	104-9047	1	Nut
15	106-4880	1	Handle-Drain
16	104-9046	1	Bolt
❷17		1	Top Mounted Suction ASM

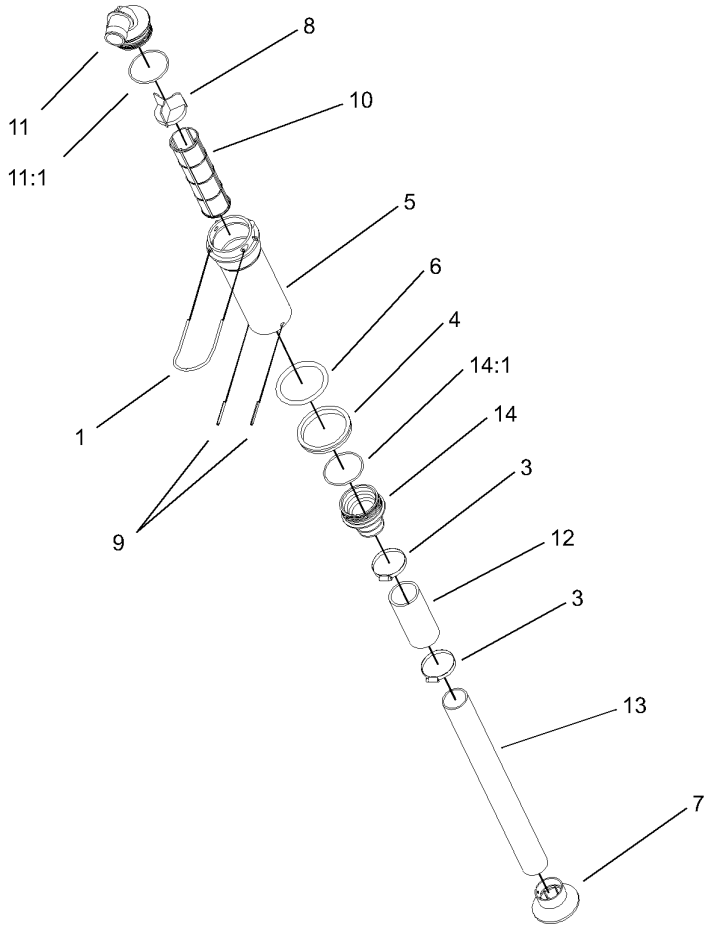
PROTOTYPE



Drain Screw Assembly

Ref	Part No.	Qty.	Description
1	100-8658	1	Tube-Hi Flex
2	100-6658	1	Gasket
3	100-8662	1	Screw-Drain
4	100-8657	1	Connector-Tube, Hose
5	100-8660	1	Pin-Expansion
6	100-8661	1	Pin-Expansion

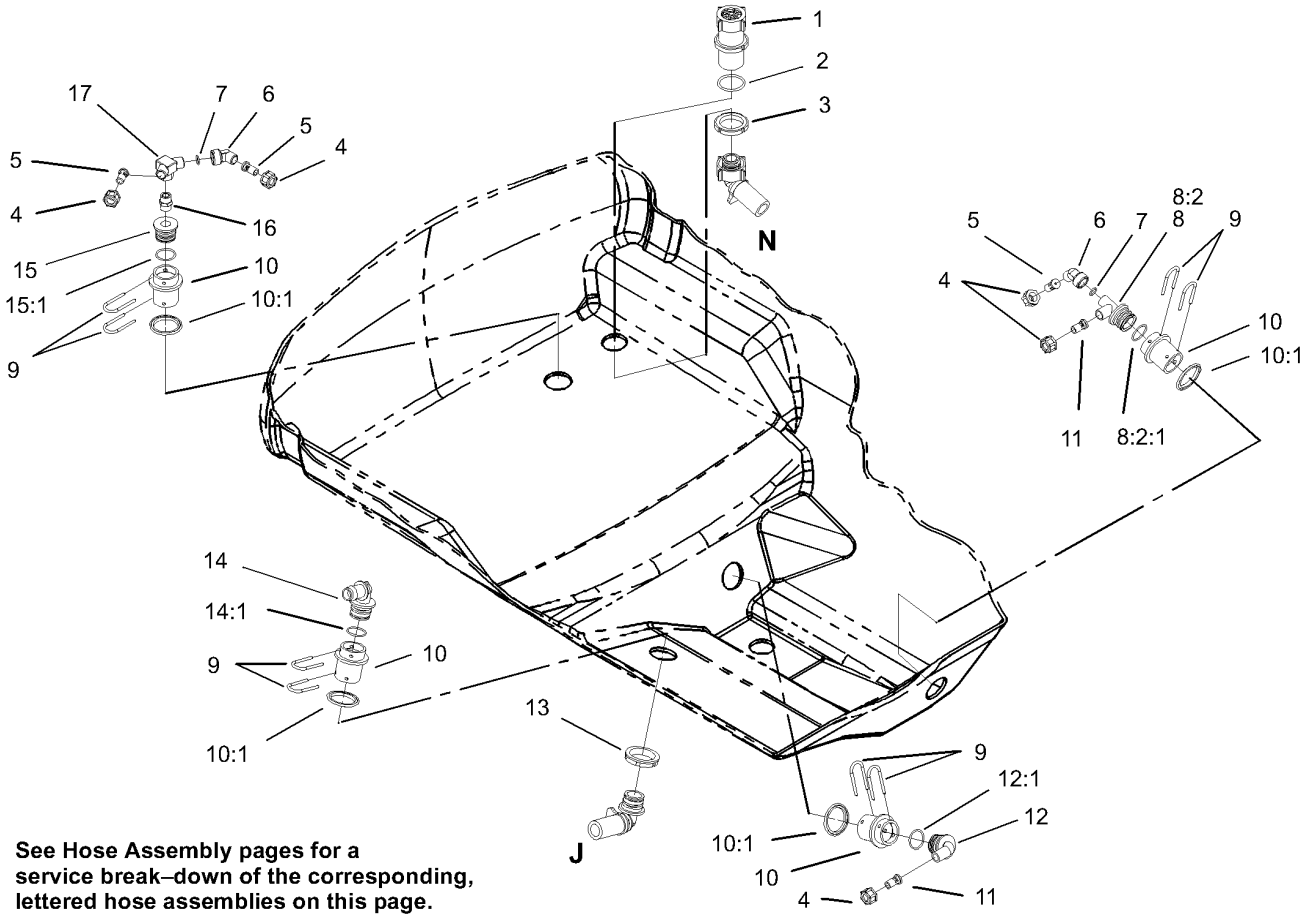
PROTOTYPE



Top Mounted Suction Assembly

Ref	Part No.	Qty.	Description
1	100-8636	1	Fork-Special
3	26392	2	Clamp-Hose
4	100-8647	1	Nut-Bulkhead
5	100-8643	1	Housing-Filter
6	100-8646	1	Gasket-Bulkhead
7	100-6714	1	Foot-Suction Tube
8	100-8641	1	Vane-Screen
9	100-8644	2	Pin-Expansion
10	100-8642	1	Screen-Suction, Mesh 50
11	106-4952	1	Hosebarb-90 DEG
11:1	100-6989	1	O-Ring
12	100-8649	1	Hose-Suction
13	100-6990	1	Tube-Suction
14	106-4942	1	Hosebarb-Straight
14:1	100-8640	1	O-Ring

PROTOTYPE

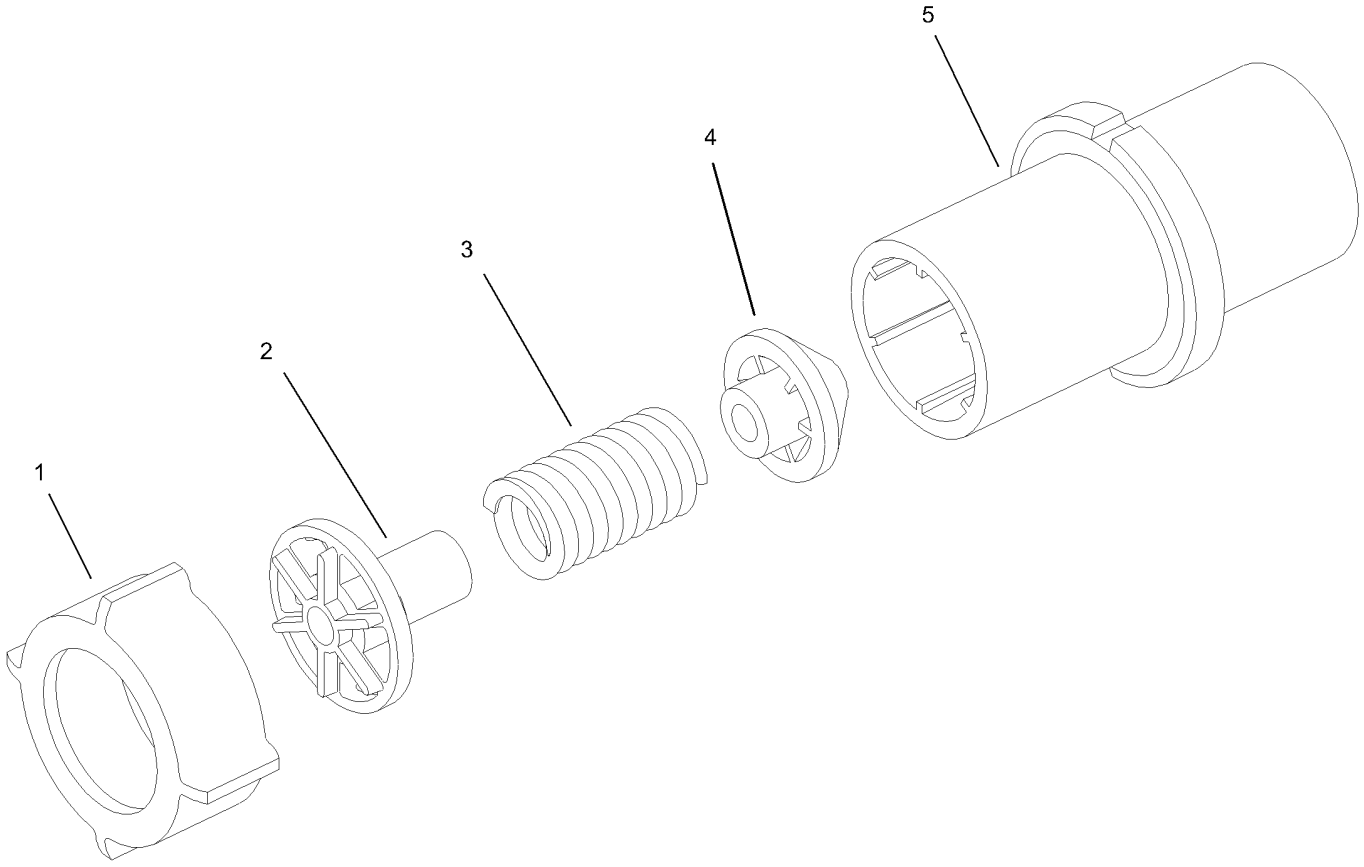


See Hose Assembly pages for a service break–down of the corresponding, lettered hose assemblies on this page.

Lower Sprayer Component Assembly

Ref	Part No.	Qty.	Description
1	100-6820	1	Valve-Safety, 225 Psi
2	100-6652	1	Gasket
3	99-0761	1	Ringnut
4	99-0766	5	Nut
5	100-6705	3	Nozzle-Agitation
6	99-0768	2	Elbow-60 DEG
7	100-6653	2	O-Ring
8	100-6707	1	Tee
❷8:2		1	Adapter ASM
8:2:1	100-6712	1	O-Ring
9	100-6708	8	Fork
10	106-4896	4	Fitting-Bulkhead
10:1	100-6710	1	Gasket-Bulkhead
11	100-6706	2	Nozzle-Agitation
12	106-4944	1	Fitting-90 DEG
12:1	100-6712	1	O-Ring
13	100-6713	1	Nut-Bulkhead
14	106-4945	1	Elbow
14:1	100-6712	1	O-Ring
15	106-4943	1	Adapter ASM
15:1	100-6712	1	O-Ring
16	100-6722	1	Nipple
17	100-6723	1	Tee

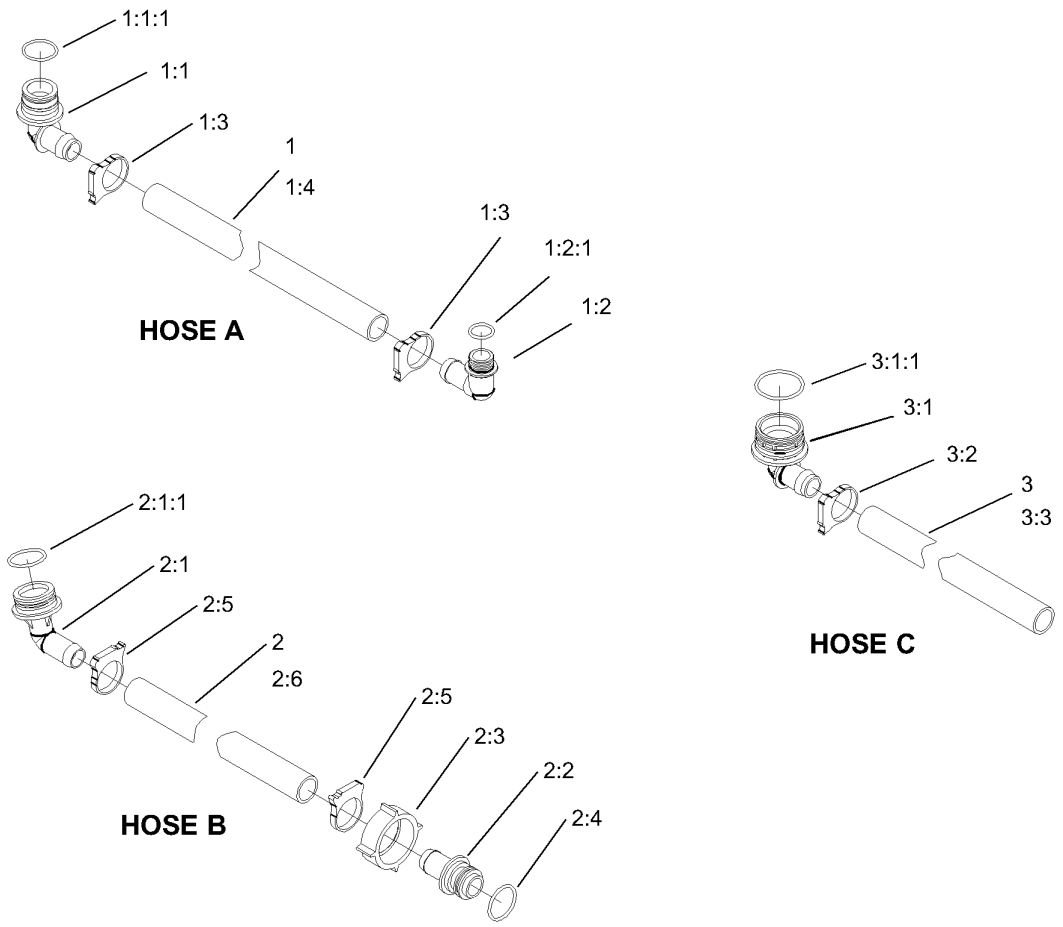
PROTOTYPE



Safety Valve Assembly No. 100-6820

Ref	Part No.	Qty.	Description
1	100-8678	1	Nut
2	100-6724	1	Valve-Relief, Seat
3	100-6725	1	Spring-Relief Valve
4	100-6726	1	Cone-Relief Valve
5	100-6727	1	Housing-Relief Valve

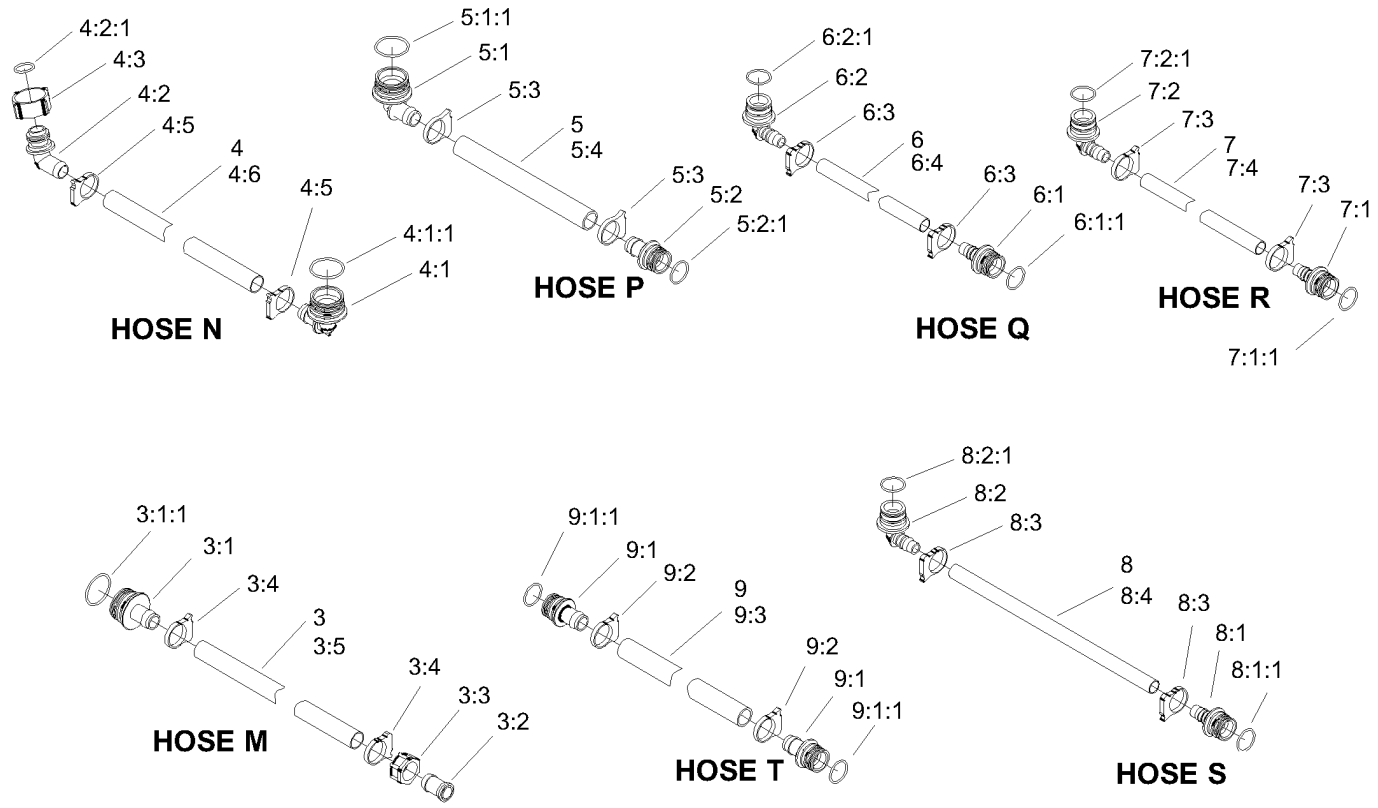
PROTOTYPE



Hose Assemblies No. 1

Ref	Part No.	Qty.	Description
❷1		1	Boom Bypass Hose ASM
1:1	106-4945	1	Elbow
1:1:1	100-6712	1	O-Ring
1:2	106-4948	1	Hose Barb ASM
1:2:1	100-6882	1	O-Ring
1:3	99-0782	2	Clamp-Hose
1:4	104-9037	1	Hose-Boom Bypass
❷2		1	Agitation Supply Hose ASM
2:1	106-4950	1	Hose Barb ASM
2:1:1	100-8671	1	O-Ring
2:2	100-8670	1	Hosebarb
2:3	100-8669	1	Nut
2:4	100-8671	1	O-Ring
2:5	99-0782	2	Clamp-Hose
2:6	104-8711	1	Hose
❷3		1	Tee-Controls Hose ASM
3:1	106-4933	1	Hosebarb ASM
3:1:1	100-8637	1	O-Ring
3:2	99-0782	1	Clamp-Hose
3:3	104-8713	1	Hose

PROTOTYPE

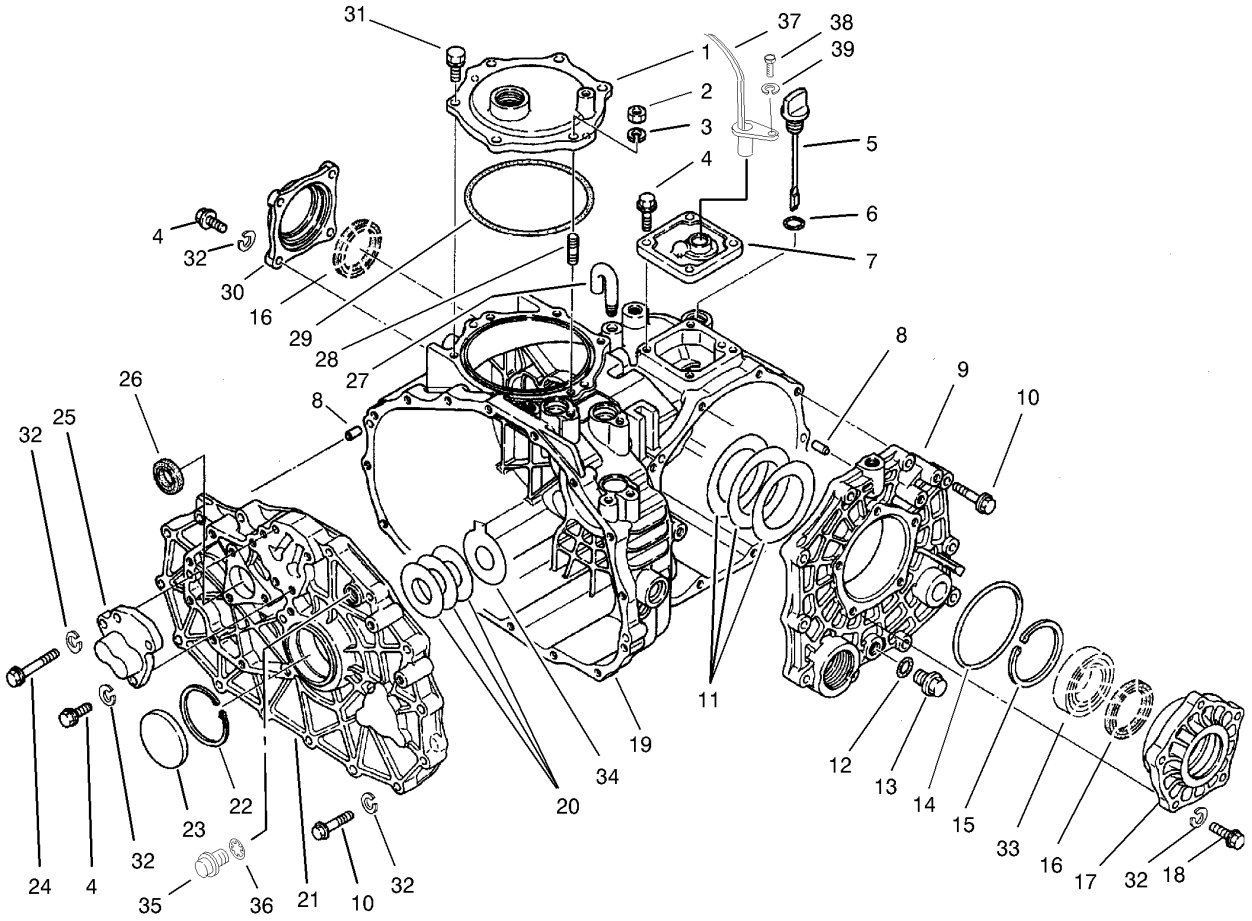


Hose Assemblies No. 2

Ref	Part No.	Qty.	Description
❷3		1	Manifold Tee Hose ASM
3:1	106-4932	1	Hosebarb-Straight
3:1:1	100-8637	1	O-Ring
3:2	99-0781	1	Hosebarb
3:3	99-0769	1	Nut
3:4	99-0782	2	Clamp-Hose
3:5	104-8712	1	Hose
❷4		1	Relief Valve Hose ASM
4:1	106-4933	1	Hosebarb ASM
4:1:1	100-8637	1	O-Ring
4:2	106-4949	1	Hosebarb-110 DEG
4:2:1	100-6646	1	O-Ring
4:3	100-8678	1	Nut
4:5	99-0782	2	Clamp-Hose
4:6	104-8710	1	Hose
❷5		1	Agitation Valve Hose ASM
5:1	106-4933	1	Hosebarb ASM
5:1:1	100-8637	1	O-Ring
5:2	106-4935	1	Hosebarb ASM
5:2:1	100-6712	1	O-Ring
5:3	99-0782	2	Clamp-Hose
5:4	104-8908	1	Hose-Bypass
❷6		1	Rear Agitation Hose ASM
6:1	106-4939	1	Hosebarb-Straight

Ref	Part No.	Qty.	Description
6:1:1	100-6712	1	O-Ring
6:2	106-4940	1	Hosebarb-90 DEG
6:2:1	100-6712	1	O-Ring
6:3	99-0755	2	Clamp-Hose
6:4	104-9043	1	Hose-Rear Agitation
❷7		1	Front Agitation Hose ASM
7:1	106-4939	1	Hosebarb-Straight
7:1:1	100-6712	1	O-Ring
7:2	106-4940	1	Hosebarb-90 DEG
7:2:1	100-6712	1	O-Ring
7:3	99-0755	2	Clamp-Hose
7:4	104-8706	1	Hose
❷8		1	Middle Agitation Hose ASM
8:1	106-4939	1	Hosebarb-Straight
8:1:1	100-6712	1	O-Ring
8:2	106-4940	1	Hosebarb-90 DEG
8:2:1	100-6712	1	O-Ring
8:3	99-0755	2	Clamp-Hose
8:4	104-8704	1	Hose
❷9		1	Agitation Tee Hose ASM
9:1	106-4935	2	Hosebarb ASM
9:1:1	100-6712	1	O-Ring
9:2	99-0782	2	Clamp-Hose
9:3	104-9039	1	Hose-Agitation Tee

PROTOTYPE

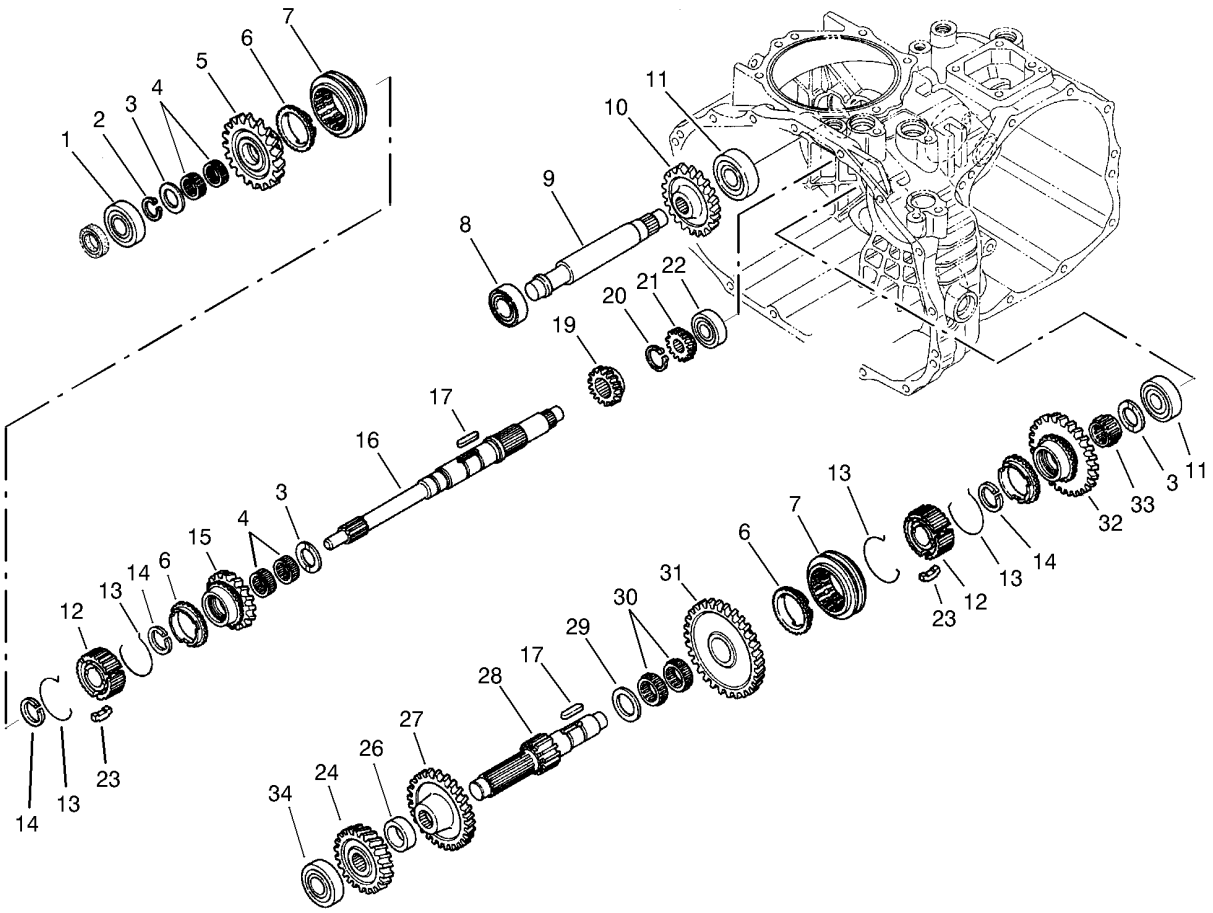


Transaxle Case Assembly
Transaxle Assembly No. 104-9078

Ref	Part No.	Qty.	Description
1	100-8595	1	Cover-PTO
2	48-7930	1	Nut
3	92-0762	1	Washer-Spring
4	33114-025	11	Screw-HH
5	92-0662	1	Cap-Oil
6	92-0788	1	O-Ring
7	92-0810	1	Cover-Upper, Sensor
8	92-0765	4	Pin-Parallel
9	92-0653	1	Cover-Side
10	33114-040	25	Screw-HH
11	92-0809	1	Set-Shim
12	92-0787	1	O-Ring
13	92-0773	1	Plug-Drain
14	92-0789	1	O-Ring
15	92-0760	1	Ring-Snap
16	92-0793	2	Seal-Oil
17	92-0654	1	Carrier-Differential
18	48-7730	5	Bolt
19	92-0651	1	Case-Transmission
20	100-4460	1	Shim Set
21	100-4461	1	Plate-Center
22	92-0759	1	Ring-Snap
23	92-0807	1	Cap-Sealing
24	48-7560	1	Bolt-HH

Ref	Part No.	Qty.	Description
25	92-0706	1	Shaft-Fork
26	92-0791	1	Seal-Oil
27	92-0743	1	Breather-Air
28	92-0804	1	Stud
29	92-0790	1	O-Ring
30	92-0655	1	Cover-Seal, Axle
31	92-0796	5	Bolt
32	3253-4	42	Washer-Lock
33	92-0775	2	Bearing
34	100-4465	1	Shim (W/tab)
35	100-6924	1	Plug
36	100-6925	1	Packing
37	85-4350	1	Sensor-Geartooth
38	48-7610	1	Bolt
39	48-8020	1	Washer-Spring
❶99	100-6928	1	Bolt
❶99	100-8594	1	Cover-Input Shaft

PROTOTYPE

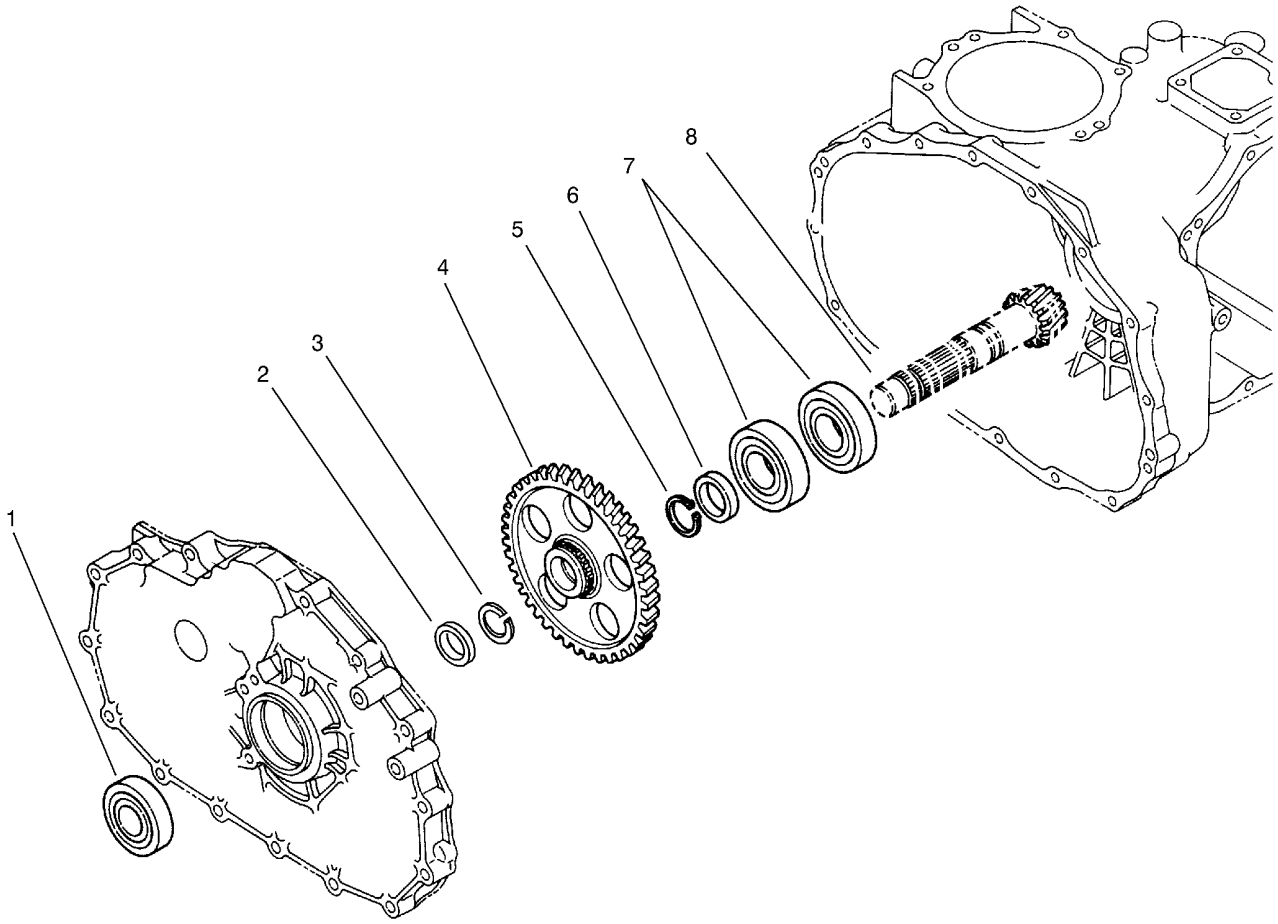


Transaxle Gear Shaft Assembly
Transaxle Assembly No. 104-9078

Ref	Part No.	Qty.	Description
1	251-8	1	Bearing-Ball
2	92-0753	1	Ring-Snap
3	92-0740	3	Washer-Thrust
4	92-0781	4	Bearing-Needle
5	100-8597	1	Gear-Main, 36 Tooth
6	92-0667	3	Ring-Synchro
7	92-0668	2	Shifter-Synchro
8	251-346	2	Bearing-Ball
9	100-8602	1	Shaft-Idler, Rev
10	92-0684	1	Gear-Reverse, 33 Tooth
11	92-0778	2	Bearing
12	92-0664	2	Hub-Synchro
13	92-0666	4	Spring-Synchro
14	92-0763	3	Ring-Snap
15	100-8598	1	Gear-Main, 20 Tooth
16	100-8596	1	Shaft-Main
17	92-0772	2	Key
19	92-0671	1	Gear-Main, 22 Tooth
20	92-0754	1	Ring-Snap
21	92-0673	1	Gear-Main, 14 Tooth
22	92-0650	1	Bearing
23	92-0665	6	Key-Synchro
24	92-0676	1	Gear-Reduction, 32 Tooth
26	100-8601	1	Collar

Ref	Part No.	Qty.	Description
27	92-0819	1	Gear-Reduction, 40 Tooth
28	92-0674	1	Shaft-Reduction
29	92-0682	1	Washer-Thrust
30	92-0681	2	Bearing-Needle
31	100-8599	1	Gear-Red, 25 Tooth
32	100-8600	1	Gear-Red, 47 Tooth
33	92-0782	1	Bearing-Needle
34	105-7985	1	Bearing

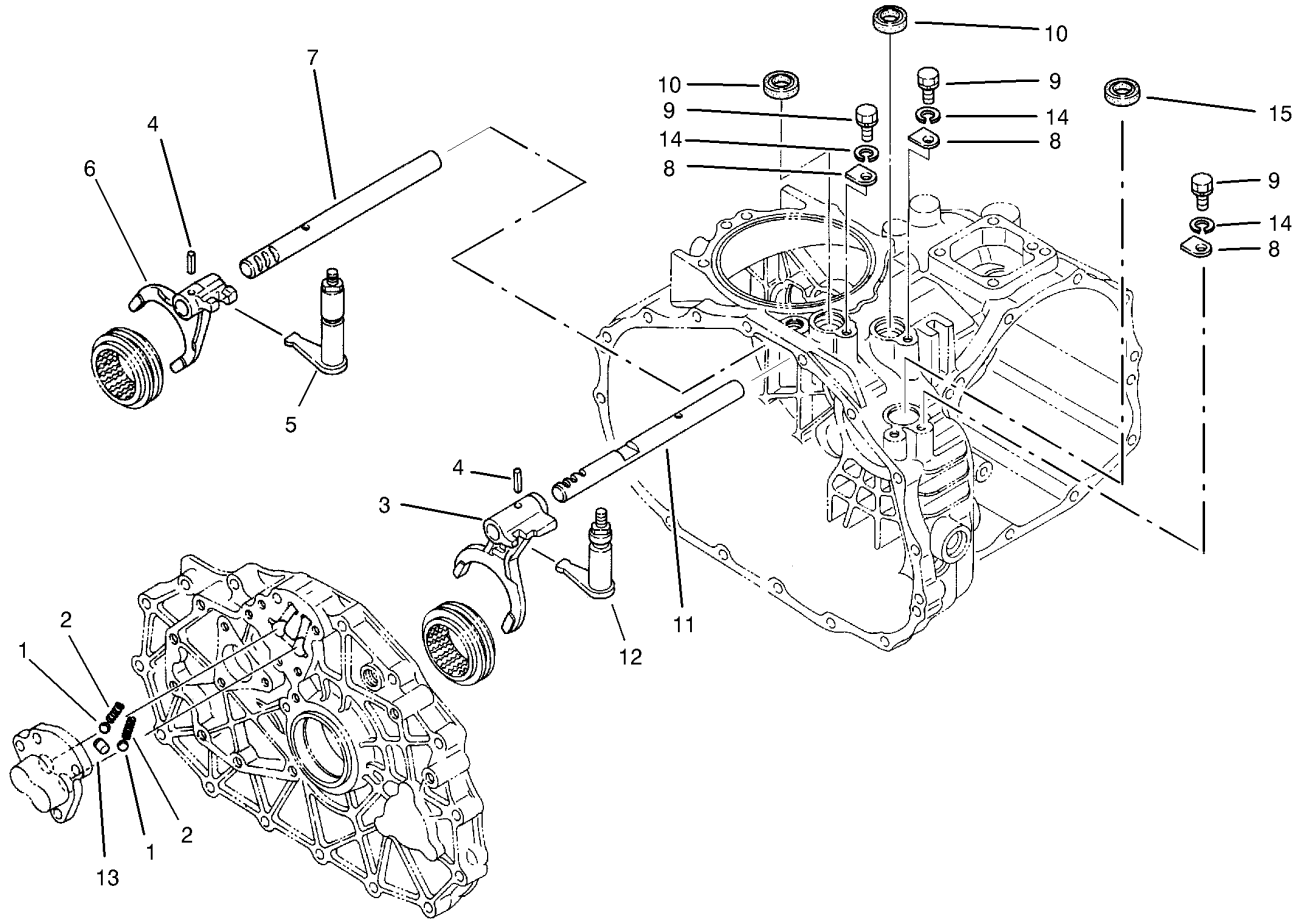
PROTOTYPE



Countershaft Assembly
Transaxle Assembly No. 104-9078

Ref	Part No.	Qty.	Description
1	92-0712	1	Bearing-Ball
2	92-0716	1	Collar
3	92-0764	1	Ring-Snap
4	100-8603	1	Gear-Count
5	92-0755	1	Ring-Snap
6	92-0713	1	Collar
7	92-0714	2	Bearing
8	92-0710	1	Gear-Ring

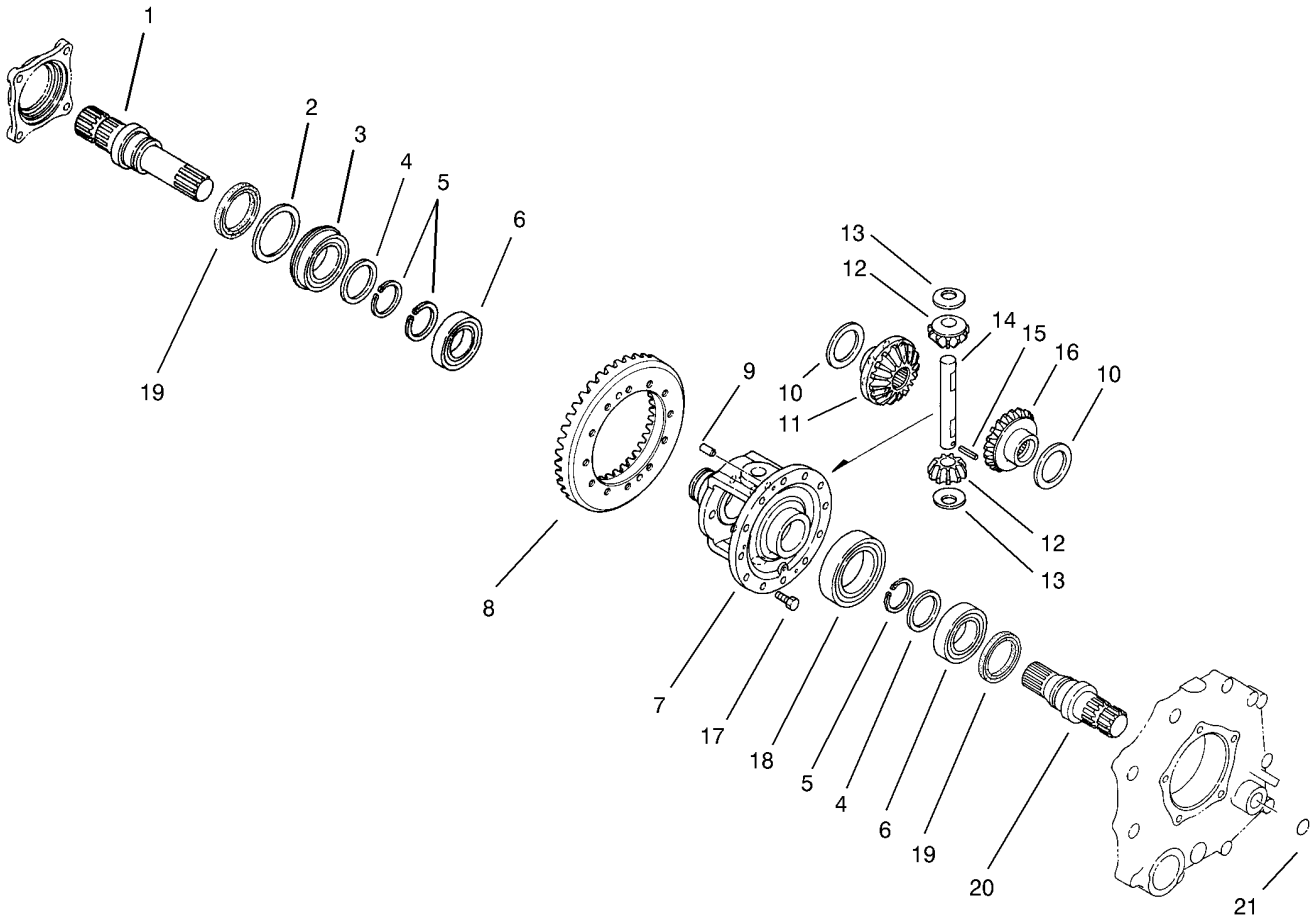
PROTOTYPE



Shift Fork Assembly
Transaxle Assembly No. 104-9078

Ref	Part No.	Qty.	Description
1	92-0785	3	Ball-Steel
2	92-0731	3	Spring
3	92-0700	1	Fork-Shift
4	92-0769	2	Pin-Roll
5	92-0817	1	Arm-Shift
6	92-0701	1	Fork-Shift
7	92-0699	1	Shaft-Fork
8	92-0732	3	Plate-Keeper
9	33114-016	3	Screw-HH
10	92-0729	3	Seal-Oil
11	92-0698	1	Shaft-Fork
12	92-0816	1	Arm-Shift
13	92-0705	1	Lock-Spindle
14	3253-4	3	Washer-Lock
15	100-6927	1	Cap-Sealing

PROTOTYPE

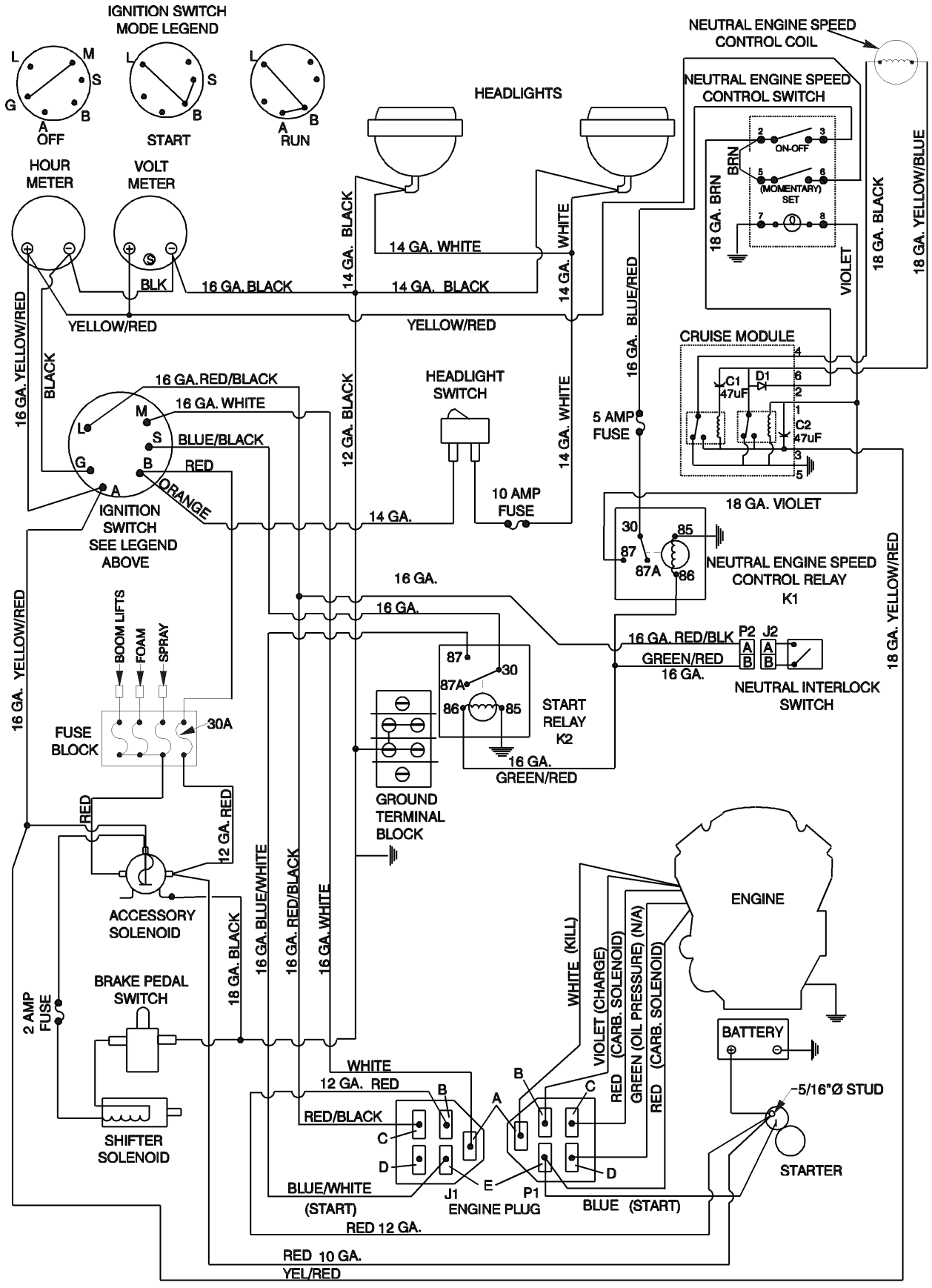


Differential Gear Assembly
Transaxle No. 104-9078

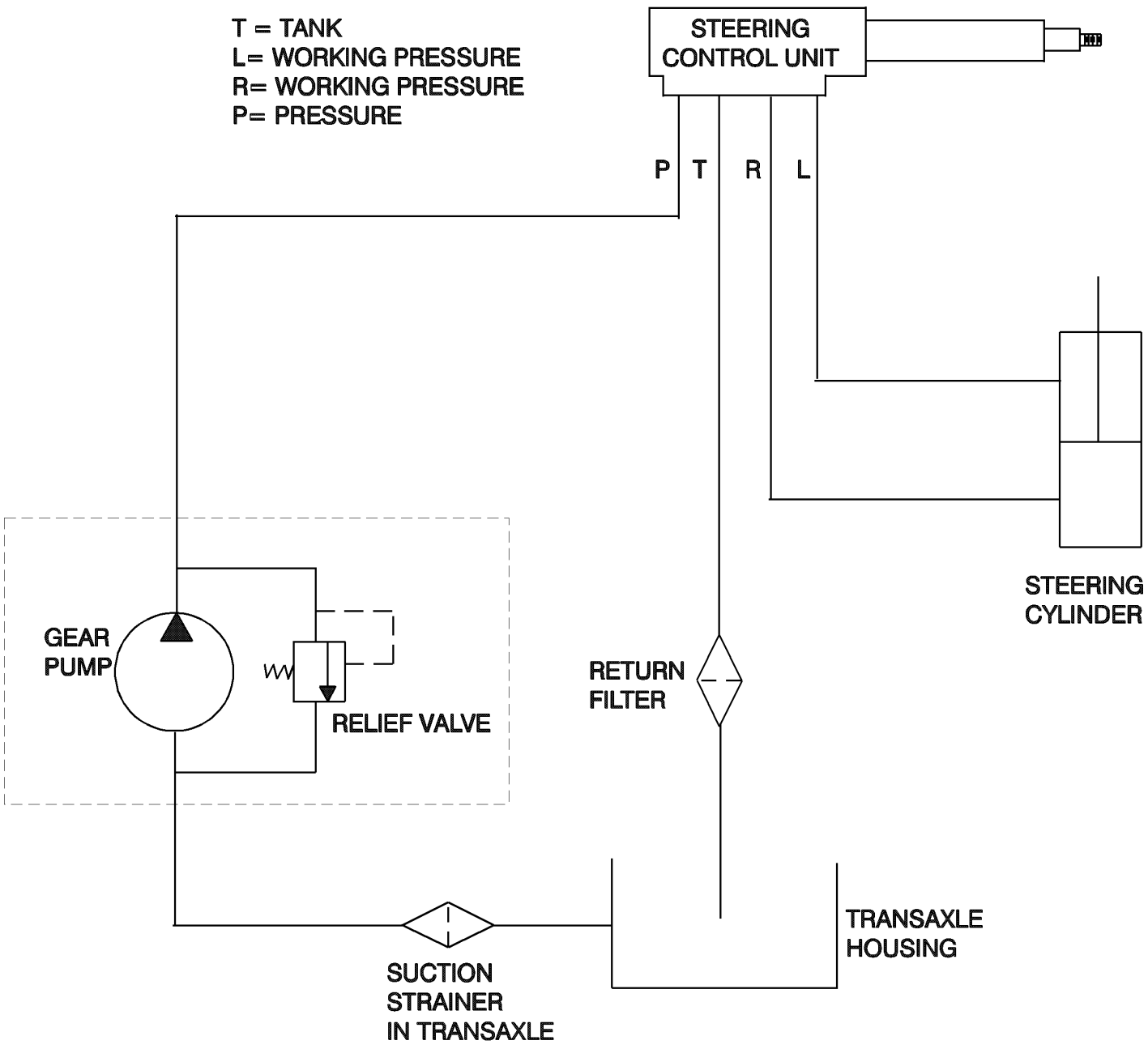
Ref	Part No.	Qty.	Description
1	92-0726	1	Shaft-Axle, Right
2	92-0728	1	Washer
3	92-0780	1	Bearing
4	92-0727	2	Washer
5	92-0756	3	Ring-Snap
6	92-0775	2	Bearing
7	92-0720	1	Case-Differential
8	92-0710	1	Gear-Ring
9	92-0765	2	Pin-Parallel
10	92-0747	2	Side-Gear, Left Inner
11	92-0746	1	Gear-Side, RH
12	92-0748	2	Pinion-Differential
13	92-0750	2	Washer
14	92-0749	1	Shaft-Pinion
15	92-0768	2	Pin-Roll, Spring
16	92-0745	1	Gear-Side, LH
17	92-0803	12	Bolt
18	92-0776	1	Bearing
19	92-0793	2	Seal-Oil
20	92-0725	1	Shaft-Axle, Left
21	100-6926	1	Cap-Sealing

PROTOTYPE

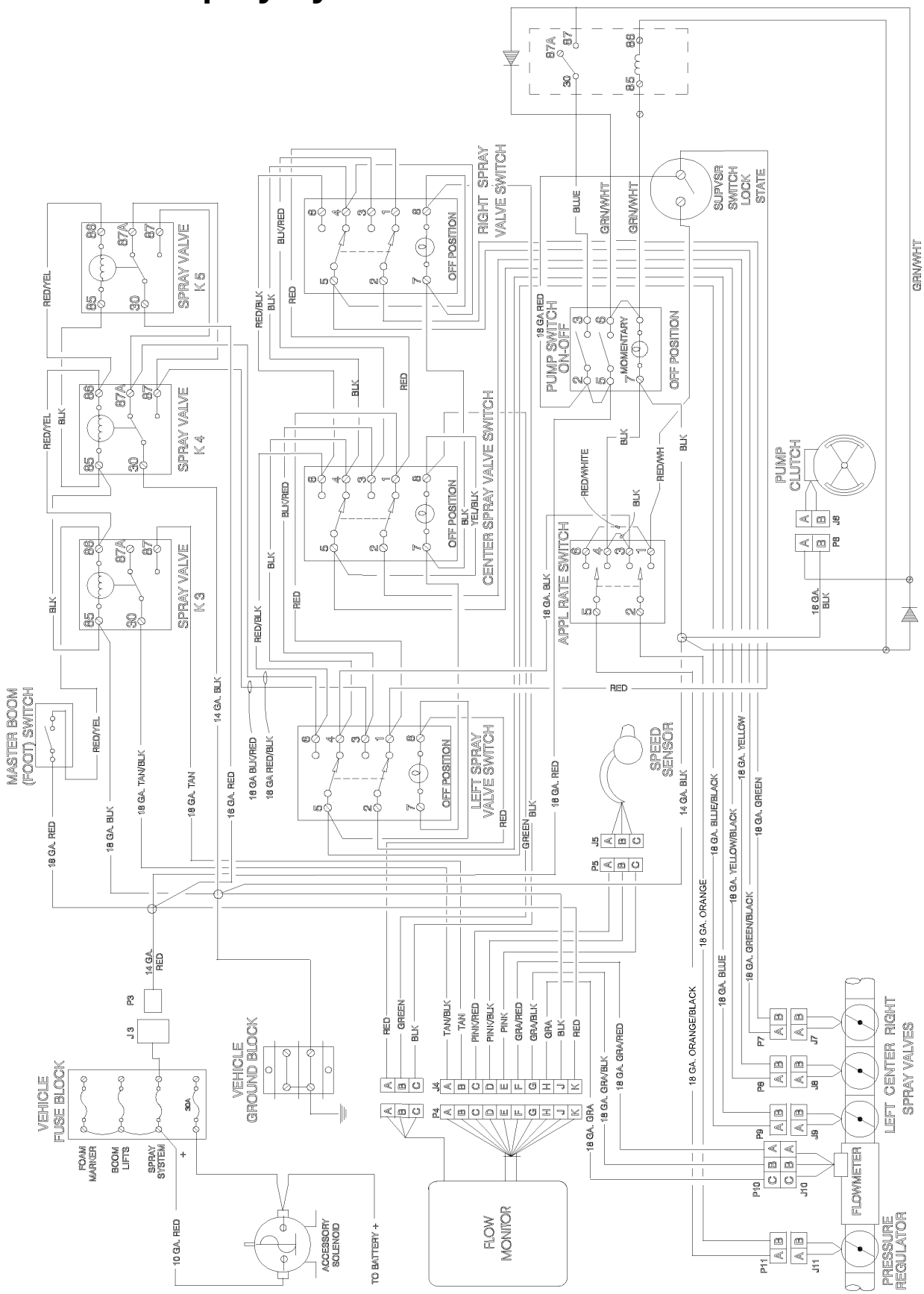
Vehicle Electrical Schematic



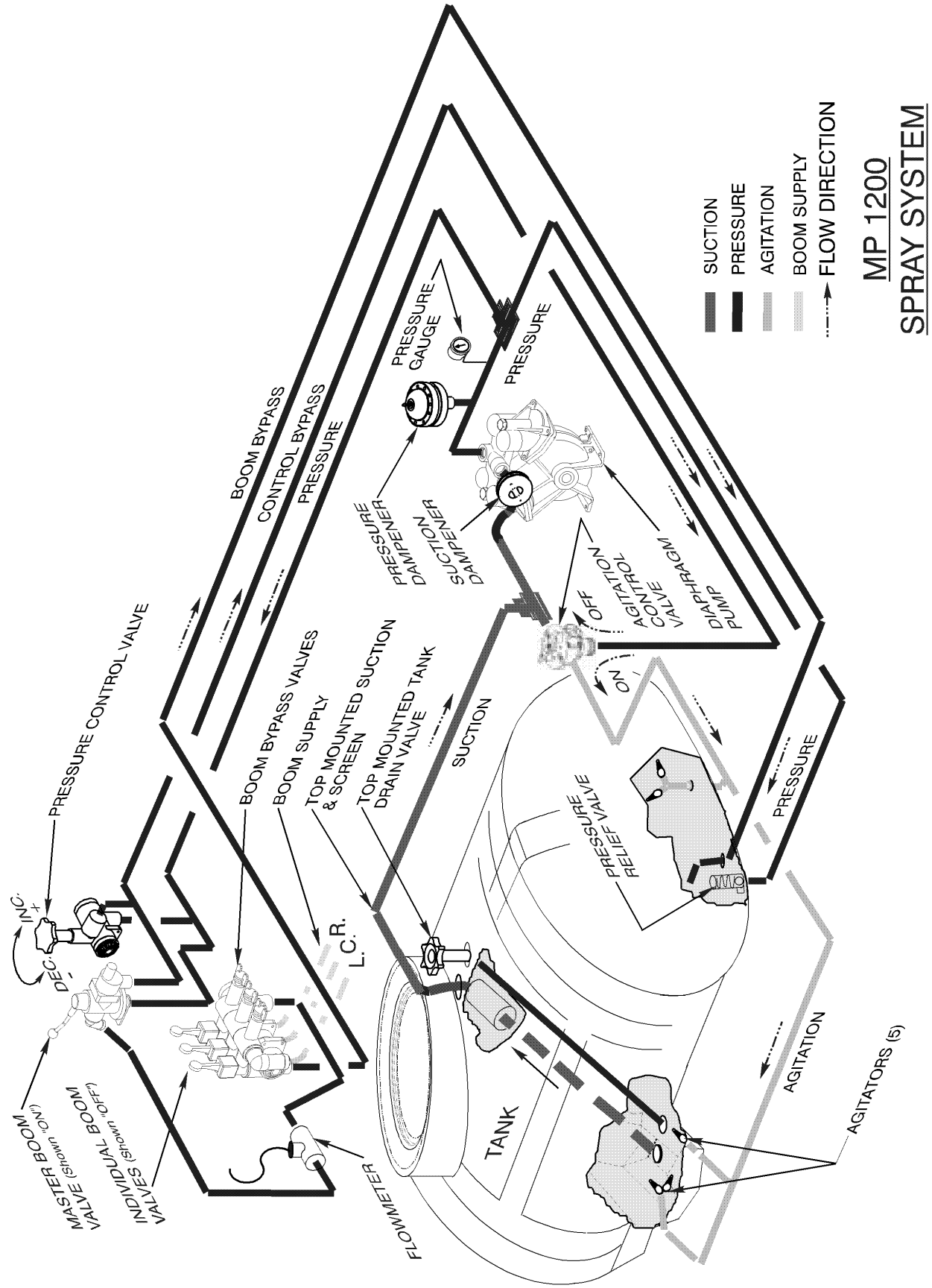
Vehicle Hydraulic System

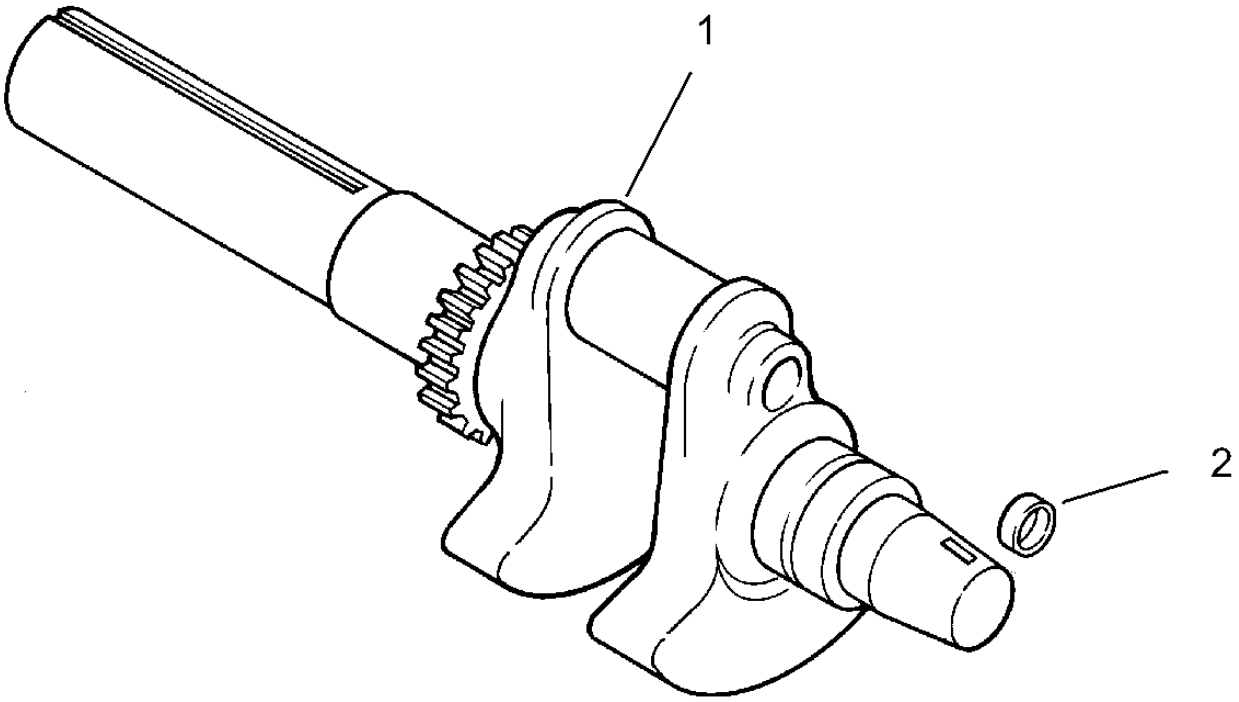


Spray System Elctrical Schematic



Spray System Flow Diagram

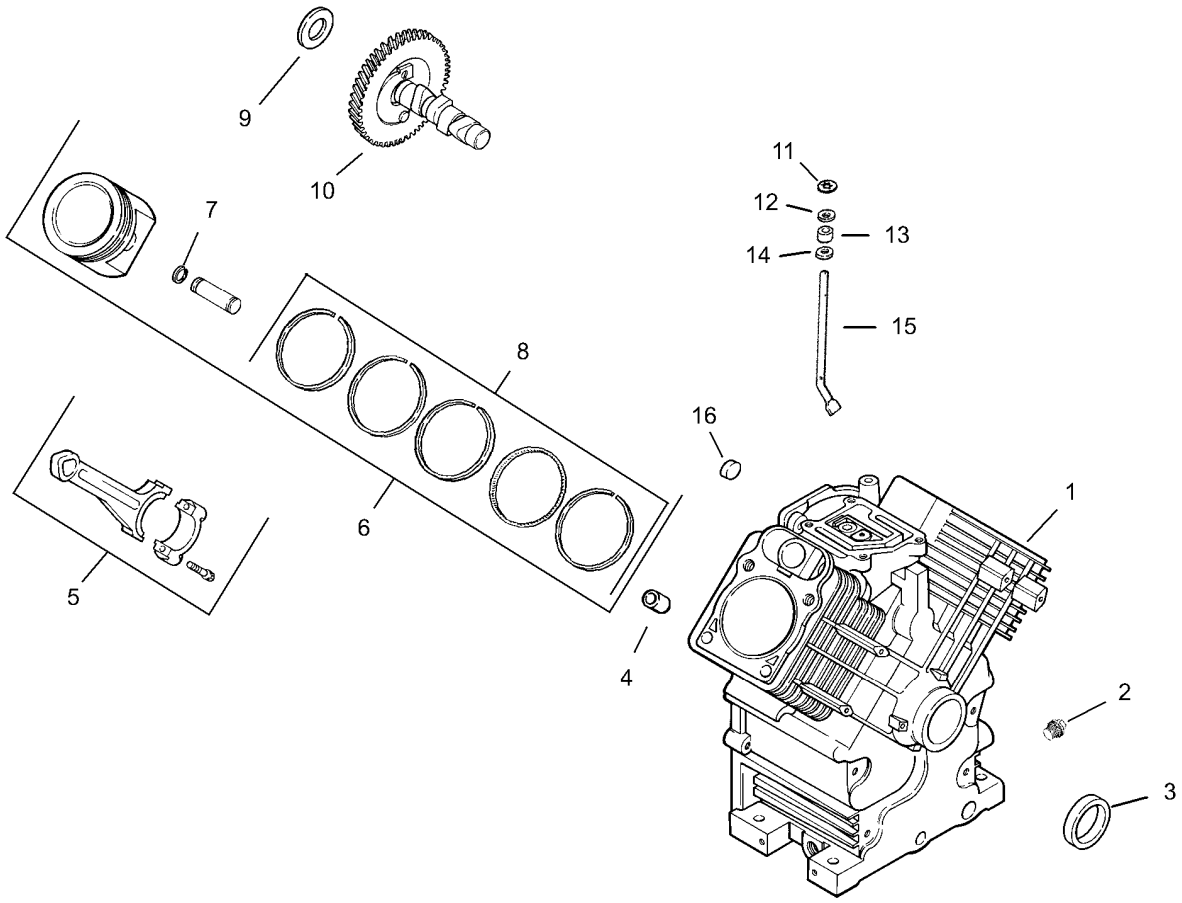




Crankshaft Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	24 014 103-S	2	Crankshaft (Includes 2)
❸2	52 139 09-S	1	Plug-Cup

PROTOTYPE

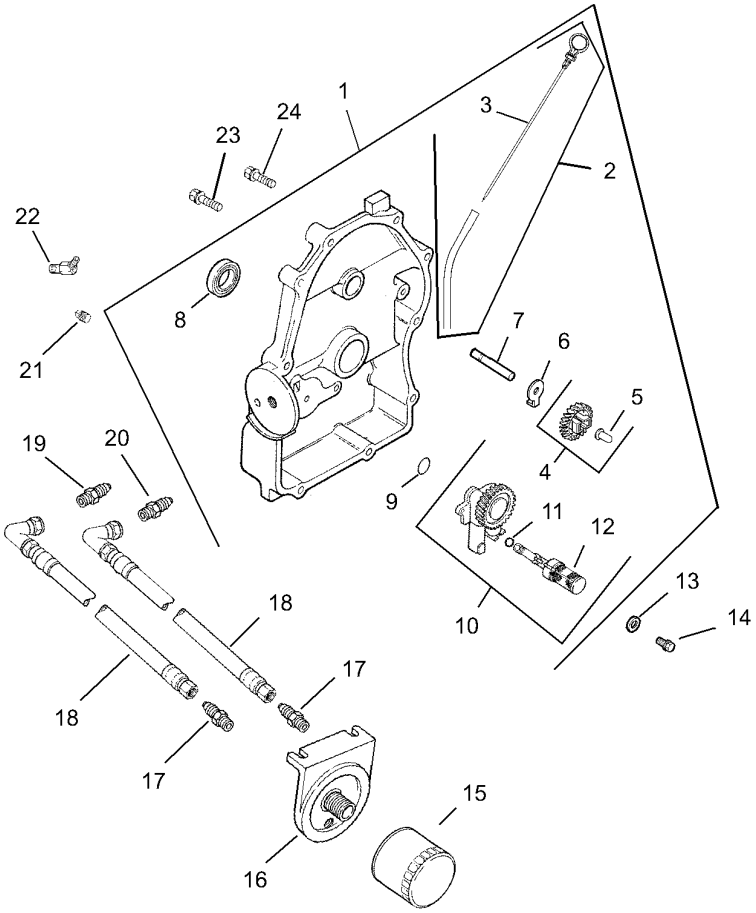


Crankcase Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1		1	Cylinder Block (Use Miniblock 24 782 15)
❸2	25 139 57-S	2	Plug-SQH
❸3	24 032 01-S	1	Seal-Oil
❸4	24 380 13-S	6	Pin-Locating
❸5	24 067 13-S	2	Rod-Connecting (Std)
❸	24 067 14-S	2	Rod-Connecting (.25
❸6	24 874 17-S	2	Piston W/ring Set (Std.)(Includes 7,8)
❸	24 874 14-S	2	Piston W/ring (.08)
❸	24 874 18-S	2	Set-Piston W/ring(.25)
❸	24 874 19-S	2	Set-Piston W/ring(.50)
❸7	24 018 01-S	4	Retainer-Piston Pin
❸8	24 108 11-S	2	Ring Set (Std.)
❸	24 108 12-S	2	Ring Set (.25)
❸	24 108 13-S	2	Set-Ring (.50)
❸9	12 422 09-S	0	Shim-Camshaft
❸	12 422 13-S	0	Shim-Camshaft
❸	12 422 07-S	0	Shim-Camshaft
❸	12 422 08-S	0	Shim-Camshaft
❸	12 422 10-S	0	Shim-Camshaft
❸	12 422 11-S	0	Shim-Camshaft
❸	12 422 12-S	0	Shim-Camshaft
❸10	24 012 10-S	1	Camshaft

Ref	Part No.	Qty.	Description
❸11	24 018 09-S	1	Retainer-Ring
❸12	M-931010-S	1	Washer-Flat
❸13	28 032 09-S	1	Seal-Governor Cross
❸14	24 468 15-S	1	Washer
❸15	24 144 33-S	1	Shaft-Governor Shaft
❸16	52 139 09-S	1	Plug-Cup

PROTOTYPE

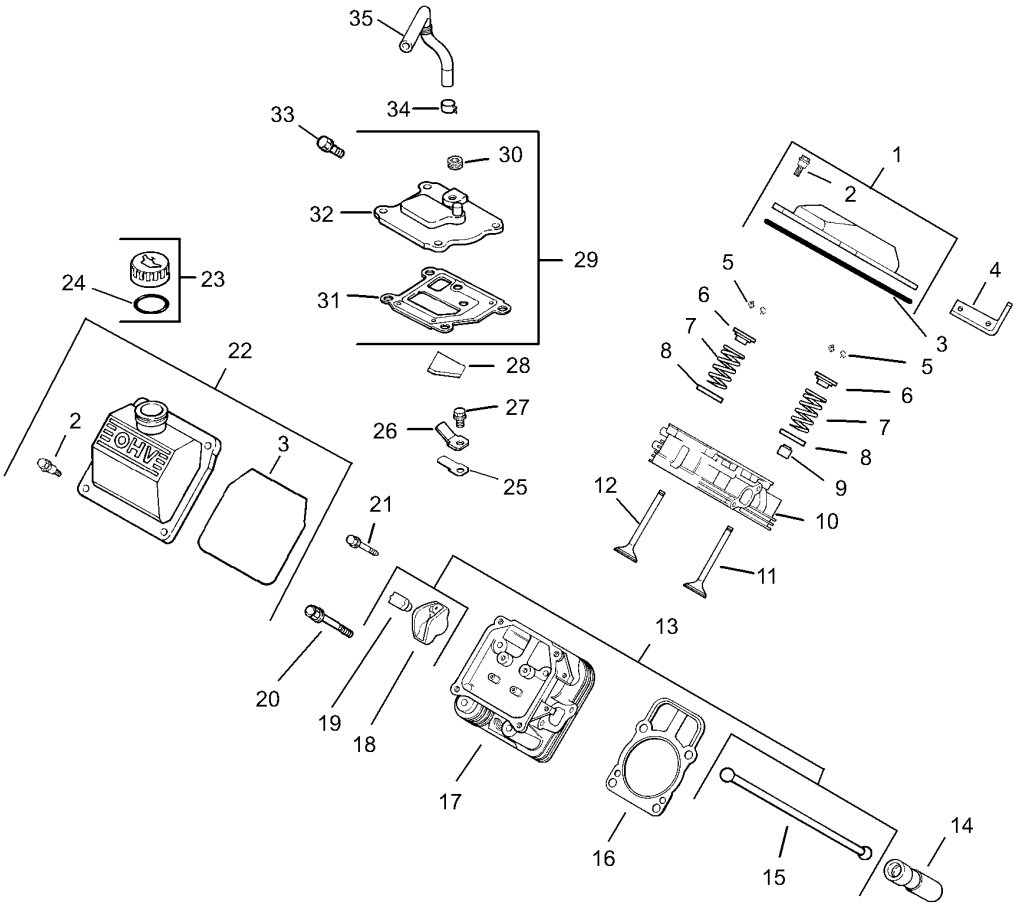


Oil Pan / Lubrication Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	24 009 96-S	1	Plate, Closure Asm (Includes 2-12,19, 20, 22)
❸2	24 755 121-S	3	Kit, Dipstick W/tube (Includes 3)
❸3	24 038 10-S	1	Dipstick
❸4	24 043 12-S	5	Kit, Governor Gear (Includes 5)
❸5	12 380 01-S	1	Pin, Gvrn. Regulating
❸6	52 448 02-S	1	Tab-Locking
❸7	12 144 02-S	1	Shaft-Governor Gear
❸8	52 032 08-S	1	Seal-Oil
❸9	24 153 08-S	1	O-Ring
❸10	24 393 37-S	1	Oil Pump Assembly (Includes 11,12)
❸11	24 153 01-S	1	"o"ring
❸12	24 381 04-S	1	Pick-Up-Oil
❸13	M-631005-S	2	Washer-Flat
❸14	M-645025-S	2	Screw-HF
❸15	52 050 02-S	1	Filter-Oil
❸16	25 029 01-S	1	Adapter, Remote Oil Filter
❸17	52 155 03-S	2	Connector-Reducing
❸18	24 326 46-S	2	Hose, Oil
❸19	24 294 08-S	1	Fitting
❸20	24 294 09-S	1	Fitting
❸21	25 155 11-S	1	Connector 1/4-18 Npt,1/2-20 Sae 45ø Maleflare
❸22	24 086 16-S	9	Screw

Ref	Part No.	Qty.	Description
❸23	24 086 17-S	1	Screw-HF
❶❸	25 454 03-S	2	Tie

PROTOTYPE

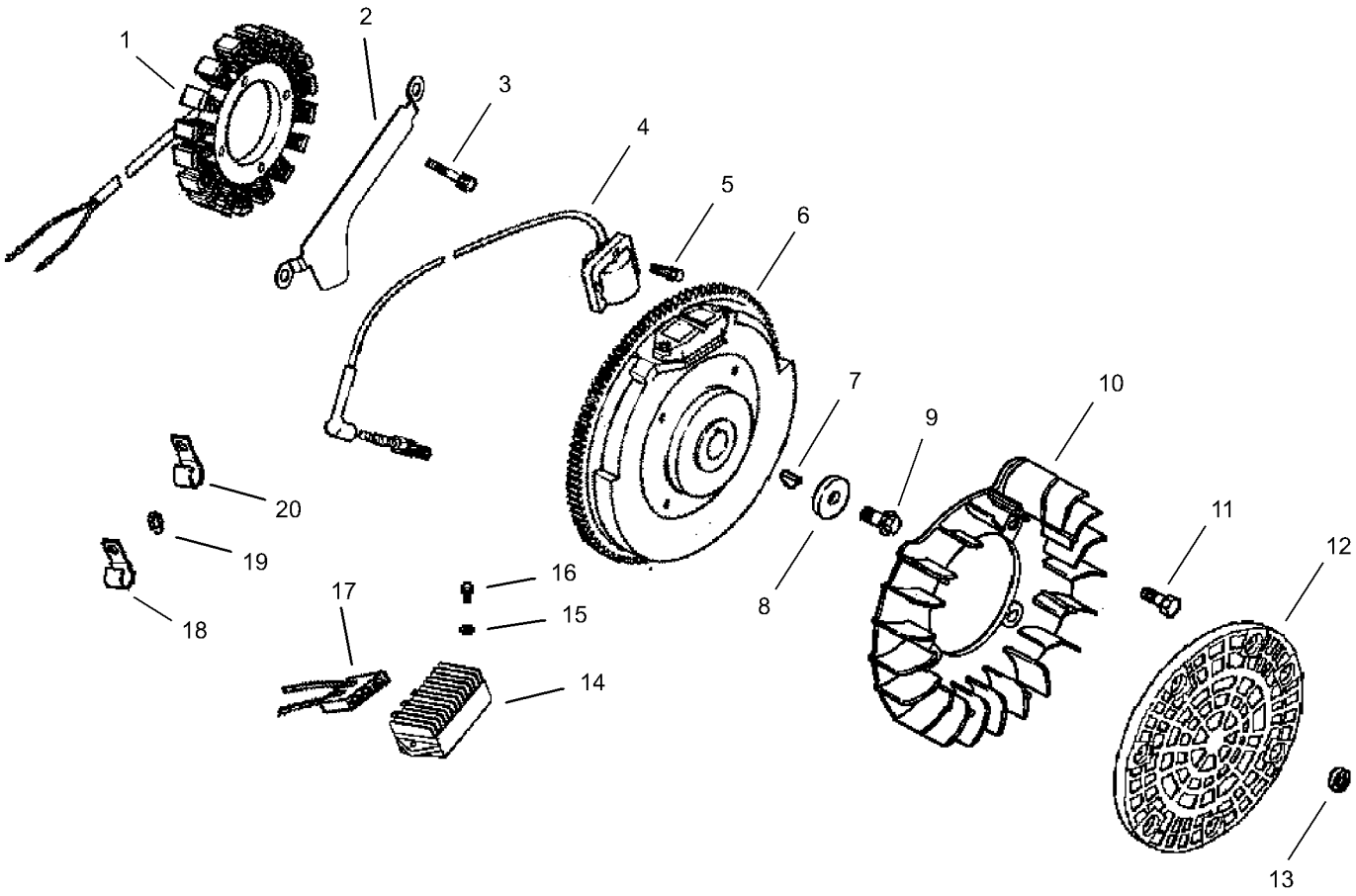


Head / Valve / Breather Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	24 755 74-S	1	Kit, Valve Cover-Plain (Includes 2,3)
❸2	24 086 32-S	4	Screw-Shoulder
❸3	24 153 23-S	1	O-Ring, Valve Cover
❸4	24 445 01-S	1	Strap-Lifting
❸5	12 755 03-S	4	Kit-Retainer
❸6	12 173 01-S	4	Cap-Valve Spring
❸7	24 089 02-S	4	Spring-Valve
❸8	235011-S	4	Retainer-Spring
❸9	66 032 05-S	2	Seal-Valve Stem
❸10	24 318 68-S	1	#1 Cylinder Head ASM
❸11	24 017 01-S	2	Valve-Intake (Std)
❸	24 017 02-S	2	Valve-Intake (.25)
❸12	24 016 01-S	2	Valve-Exhaust (Std)
❸	24 016 02-S	2	Valve-Exhaust (.25)
❸13	24 755 66-S	1	Kit, Valve Train (Includes 15,18,19)
❸14	25 351 01-S	4	Lifter-Valve
❸15	24 411 05-S	4	Rod-Push
❸16	24 041 08-S	2	Gasket-Cylinder Head
❸17	24 318 71-S	1	#2 Cylinder Head ASM
❸18	25 186 01-S	4	Arm-Rocker
❸19	24 599 01-S	4	Pivot-Rocker Arm
❸22	12 086 16-S	8	Screw
❸21	M-640034-S	4	Screw-HF

Ref	Part No.	Qty.	Description
❸22	24 559 03-S	1	Kit, Fuel Pump/valve Cover (Includes 2,3)
❸23	24 755 46-S	1	Kit, Oil Fill Cap (Includes 24)
❸24	25 153 02-S	1	O-Ring
❸25	24 402 03-S	1	Reed
❸26	12 018 01-S	1	Retainer-Reed
❸27	M-545010-S	1	Nut-HF
❸28	24 050 01-S	1	Filter-Breather
❸29	24 033 01-S	1	Kit, Breather (Includes 30-32)
❸30	25 139 60-S	1	Plug-Allen Head
❸31	24 041 23-S	1	Gasket-Breather
❸32	24 096 86-S	1	Cover-Breather
❸33	M-645020-S	4	Screw-HF
❸34	25 237 14-S	1	Clamp-Hose
❸35	24 326 26-S	0	Hose-Breather

PROTOTYPE

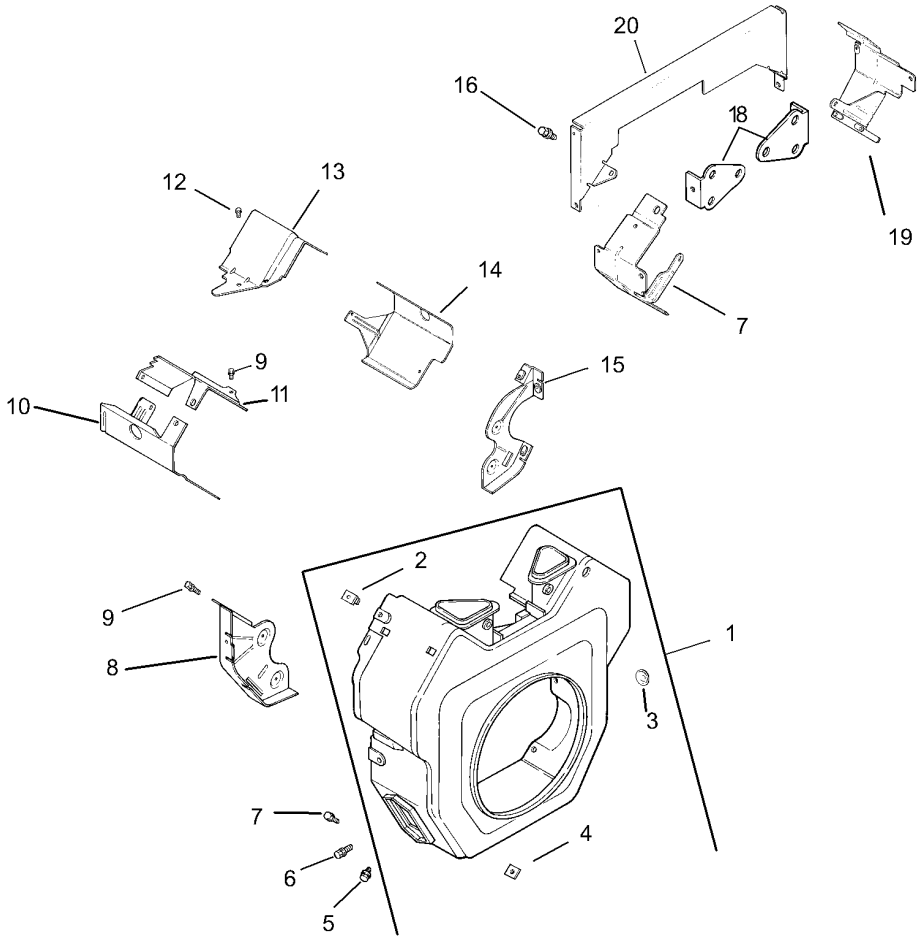


Ignition / Electrical Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	28 085 02-S	1	Kit, Stator W/connectors (Includes 17)
❸2	24 126 71-S	1	Bracket-Stator Wire
❸3	M-545030-S	2	Screw-Cap, Hex
❸4	24 584 01-S	2	Module-Ignition
❸5	M-545020-S	4	Screw-HF
❸6	24 025 01-S	1	Flywheel
❸7	X-42-15-S	1	Key
❸8	12 468 03-S	1	Washer
❸9	12 086 14-S	1	Screw
❸10	24 157 01-S	1	Fan
❸11	25 086 47-S	4	Bolt-Shoulder
❸12	24 162 03-S	1	Screen-Grass
❸13	24 018 03-S	1	Retainer
❸14	25 403 05-S	1	Rectifier-Regulator 25 Amp
❸15	X-25-92-S	2	Washer
❸16	24 086 18-S	2	Screw
❸17	236602-S	1	Connector
❸18	235173-S	1	Clip-Cable
❸19	X-25-63-S	1	Washer
❸20	48 154 02-S	1	Clip-Cable
❸21	12 132 06-S	2	Plug-Spark
❶❸	24 518 12-S	1	Lead-Black
❶❸	24 176 72-S	1	Harness-Wiring

Ref	Part No.	Qty.	Description
❶❸	X-22-11-S	1	Washer-Lock
❶❸	25 454 03-S	2	Tie

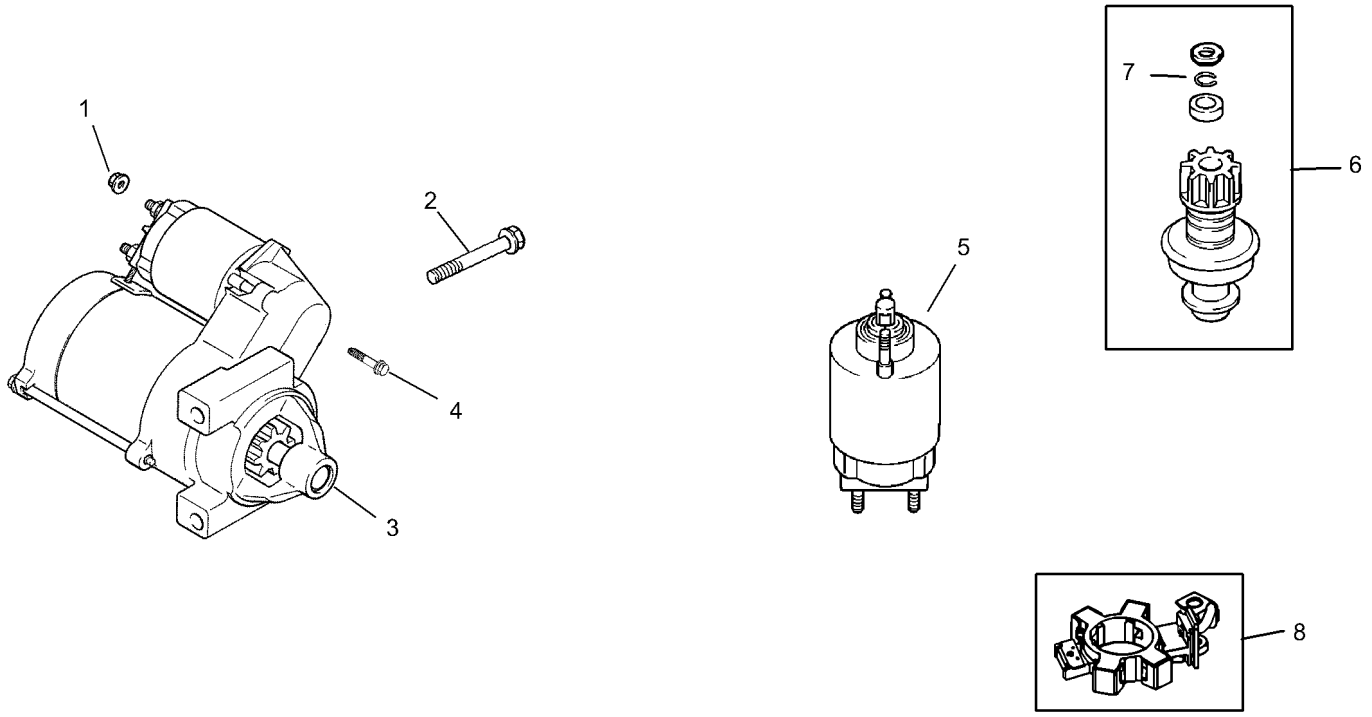
PROTOTYPE



Blower Housing and Baffle Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	24 027 175-S	1	Housing, Blower (Includes 2-4)
❸2	24 100 02-S	2	Nut-Plastic
❸3	25 139 16-S	1	Plug-Button
❸4	24 100 01-S	3	Nut
❸5	M-551016-S	1	Screw-HF
❸6	M-545016-S	3	Screw-HF
❸7	M-545020-S	4	Screw-HF
❸8	24 146 16-S	1	Plate-Backing, #2 Side
❸9	M-645016-S	6	Screw-HF
❸10	24 063 20-S	1	Baffle-Cylinder Barrel, #2 Side
❸11	24 063 17-S	1	Baffle-Valley #2 Side
❸12	M-545010-S	2	Nut-HF
❸13	24 063 59-S	1	Baffle-Valley, #1 Side
❸14	24 063 58-S	1	Baffle-Cylinder, #2 Side
❸15	24 146 20-S	1	Plate-Backing, #1 Side
❸16	M-639010-S	4	Screw-HF
❸17	24 063 13-S	1	Baffle-Ducted Air, #1 Side
❸18	24 126 04-S	2	Bracket-Support
❸19	24 063 12-S	1	Baffle-Ducted Air, #1 Side
❶❸	24 113 12-S	1	Decal

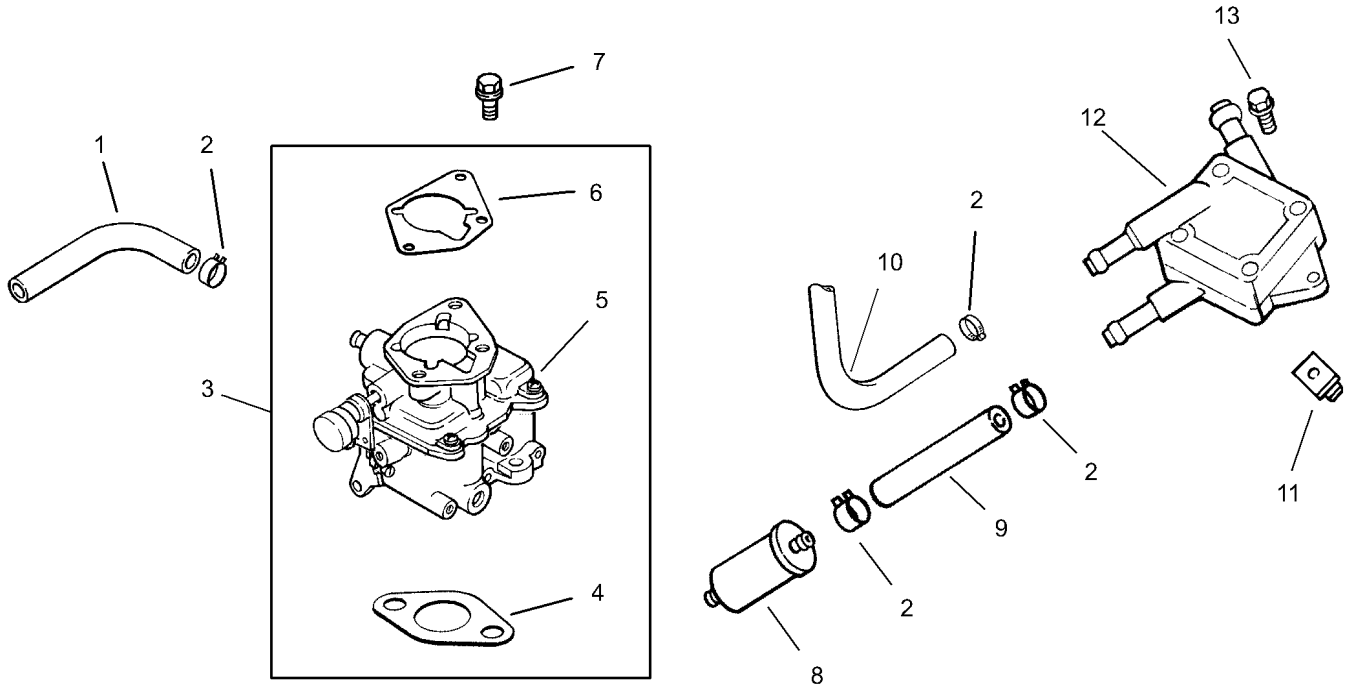
PROTOTYPE



Starting System
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	M-841080-S	1	Nut-HF
❸2	M-839080-S	2	Screw-HF
❸3	24 098 09-S	1	Starter, Solenoid Shift Asm (Includes 4-18)
❸4	25 086 113-S	3	Screw-External Torx Head
❸5	25 435 05-S	4	Kit, Solenoid (Includes 4)
❸6	25 755 33-S	7	Kit, Pinion Drive (Includes 7)
❸7	25 141 05-S	1	Ring
❸8	25 221 01-S	1	Brush Kit

PROTOTYPE

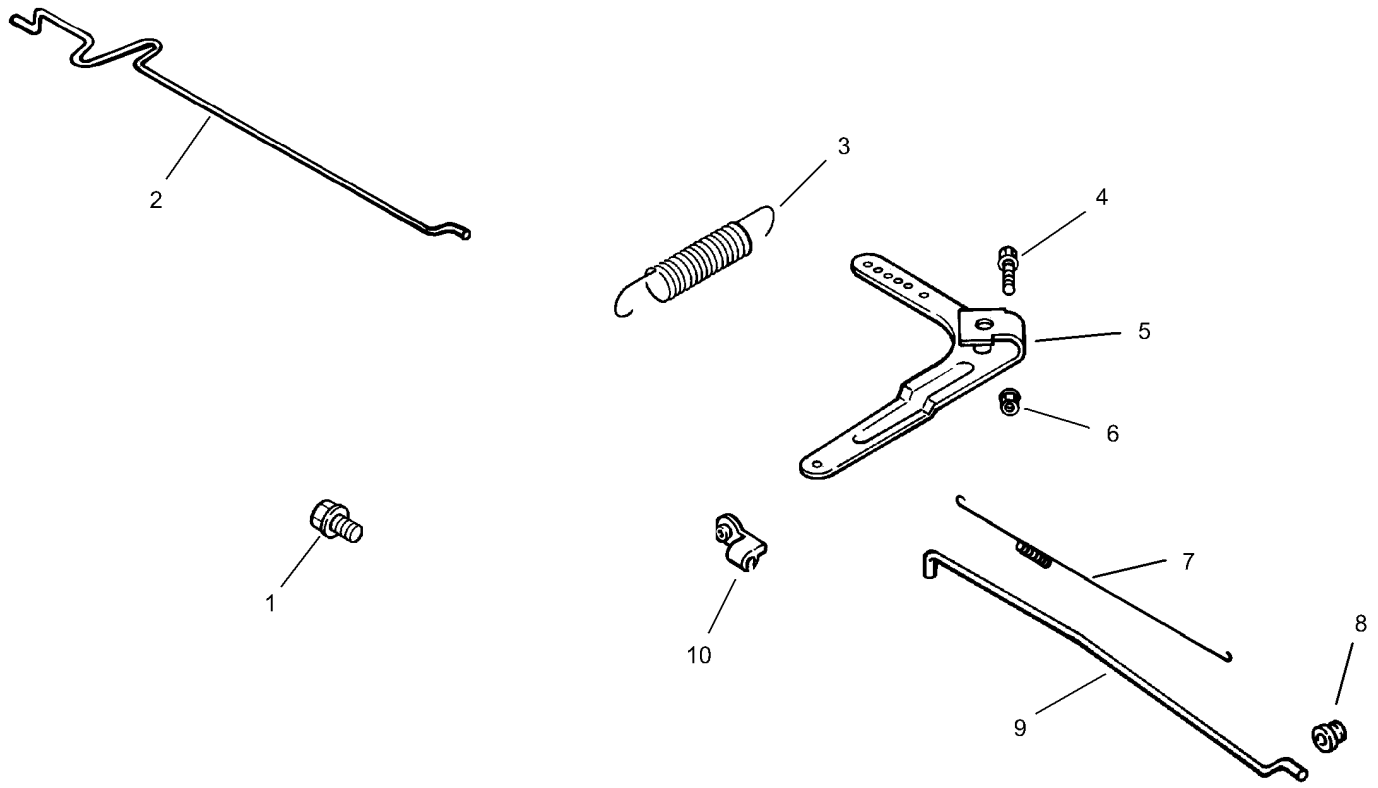


Fuel System Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	25 353 32-S	1	Line-Fuel
❸2	25 237 14-S	6	Clamp-Hose
❸3	24 853 33-S	1	Kit, Carburetor W/gasket (Includes 4-6)
❸4	24 041 06-S	1	Gasket-Air Cleaner
❸5		1	Carburetor Assembly (Includes 24 75701-S, 24 757 02-S, 24 757 03-S, 24 757 07-S, 24 757 08-S & 24 757 09-S)2405333 (For Information Only Not Available Separately)
❸6	24 041 17-S	1	Gasket-Carburetor
❸7	M-651030-S	2	Screw-HF
❸8	24 050 02-S	1	Filter-Fuel
❸9	25 353 15-S	1	Line-Fuel, 3-1/2"
❸10	24 353 02-S	1	Line-Fuel
❸11	24 100 01-S	2	Nut
❸12	24 393 16-S	1	Pump-Fuel
❸13	24 086 12-S	2	Screw
❶❸	24 755 125-S	1	High Altitude Kit W/gaskets
❶❸	24 757 01-S	1	Soleniod Kit
❶❸	24 757 02-S	1	Float Kit
❶❸	24 757 03-S	1	Carburetor Repair Kit
❶❸	24 757 07-S	1	Choke Repair Kit
❶❸	24 757 08-S	1	Repair Kit, Accelerator Pump Seal And Bushing

Ref	Part No.	Qty.	Description
❶❸	24 757 09-S	1	Repair Kit, Accelerator Pump Diaphragm

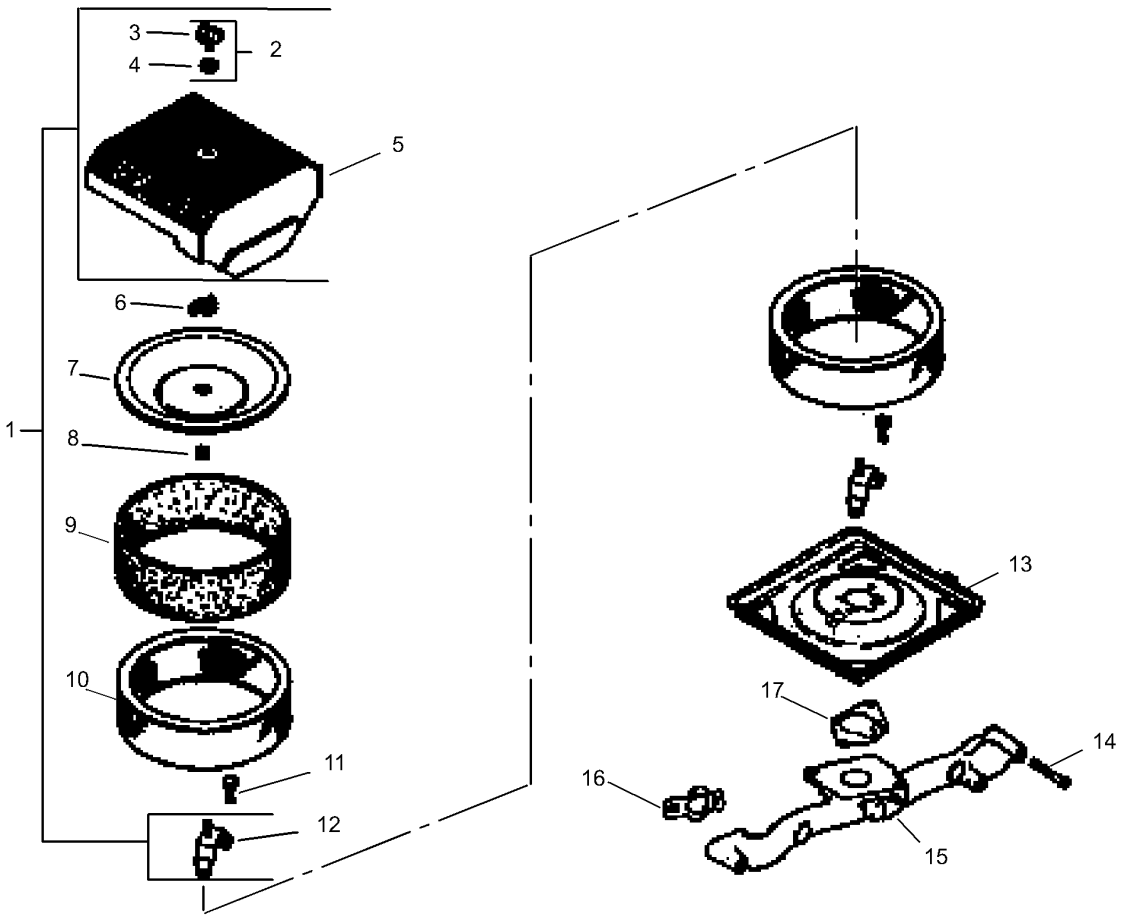
PROTOTYPE



Engine Controls
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	M-645016-S	4	Screw-HF
❸2	24 079 21-S	1	Linkage-Choke
❸3	24 089 15-S	1	Spring-Governor
❸4	24 211 03-S	1	Bolt
❸5	24 090 33-S	1	Lever-Governor
❸6	M-641060-S	1	Nut-HF
❸7	24 089 01-S	1	Spring-Linkage
❸8	25 158 08-S	1	Bushing
❸9	24 079 01-S	1	Linkage-Throttle
❸10	25 158 11-S	1	Bushing
❶❸	25 454 03-S	1	Tie

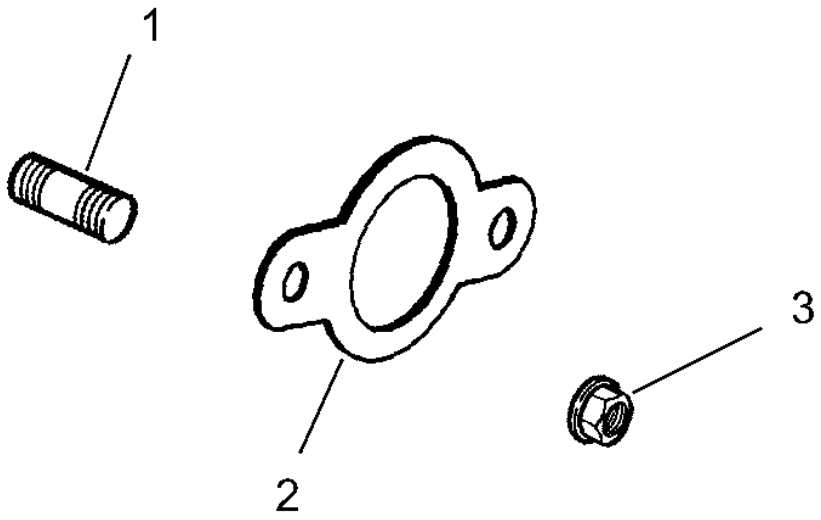
PROTOTYPE



Air Intake / Filtration Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	24 743 05-S	1	Kit, Air Cleaner Cover (Includes 2-5,12)
❸2	54 755 01-S	1	Kit, Knob With Seal (Includes 3,4)
❸3	25 341 03-S	1	Knob-Cover
❸4	24 153 20-S	1	O-Ring
❸5	24 096 67-S	1	Cover-Air Cleaner
❸6	12 100 01-S	1	Nut-Wing
❸7	24 096 01-S	1	Cover-Inner Air Cleaner
❸8	24 032 03-S	1	Seal-Breather
❸9	24 083 02-S	1	Element-Precleaner
❸10	47 083 03-S	1	Element-Air Cleaner
❸11	M-639016-S	3	Screw-HF
❸12	24 126 21-S	1	Bracket-Air Cleaner
❸13	24 094 24-S	1	Base-Air Cleaner
❸14	25 086 84-S	4	Screw-Hfh
❸15	24 164 14-S	1	Manifold
❸16	24 041 01-S	2	Gasket-Intake Manifold
❸17	24 041 06-S	1	Gasket-Air Cleaner

PROTOTYPE



Exhaust Assembly
Kohler CH20S-64647

Ref	Part No.	Qty.	Description
❸1	25 072 04-S	4	Stud
❸2	24 041 49-S	2	Gasket-Exhaust
❸3	M-841080-S	4	Nut-HF
❶❸	24522295	1	Short Block ASM
❶❸	2478215	1	Miniblock
❶❸	24 755 107-S	1	Gasket Set

PROTOTYPE

NOTES

PROTOTYPE



PROTOTYPE