



TX 425

Dingo[®] Compact Utility Loader

Model No. 22307—220000001 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.

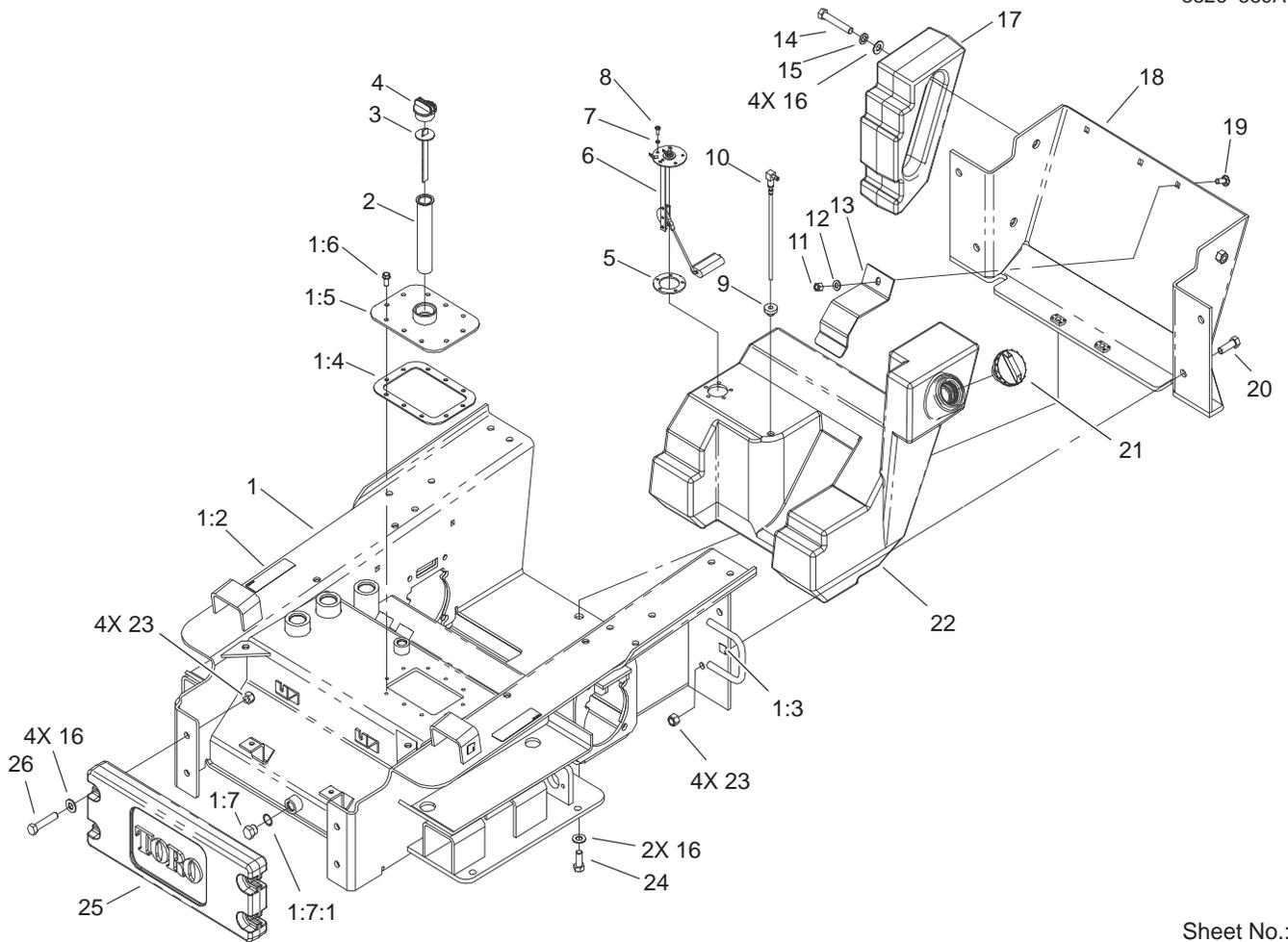
Contents

Description	Page	Description	Page
Main Frame and Fuel Tank Assembly	3	Quick Attach Assembly	26
Track and Traction Assembly	4	Electrical System Assembly	27
Brake Assembly	5	Grill Assembly	28
Loader Tower and Drive Assembly	6	Hydraulic Oil Cooler Assembly	29
Traction Hydraulic Assembly	7	Hood Assembly	30
Left Hand Hydraulic Pump Assembly		Rear Access Cover Assembly	31
No. 98-8432	9	Electrical Schematic	32
Engine and Mount Assembly	10	Hydraulic Schematic	33
Hydraulic Pump Assembly	11	Crankshaft Assembly	34
Hydraulic Gear Pump Assembly No. 98-2752 .	13	Crankcase Assembly	35
Control Panel Assembly	14	Oil Pan/Lubrication Assembly	36
Traction Control Assembly	16	Head/Valve/Breather Assembly	37
Principal Hydraulic Assembly	17	Ignition/Electrical Assembly	38
2-Spool Valve Assembly No. 95-3536	19	Blower Housing and Baffles Assembly	39
1-Spool Valve Assembly No. 104-2831	20	Starting System Assembly	40
Loader Arm Assembly	21	Fuel System Assembly	41
Loader Arm Hydraulic Assembly	22	Engine Controls Assembly	42
Tilt Cylinder Assembly No. 95-3578	24	Air Intake and Filtration Assembly	43
Lift Cylinder Assembly No. 99-6162	25	Exhaust Assembly	44

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

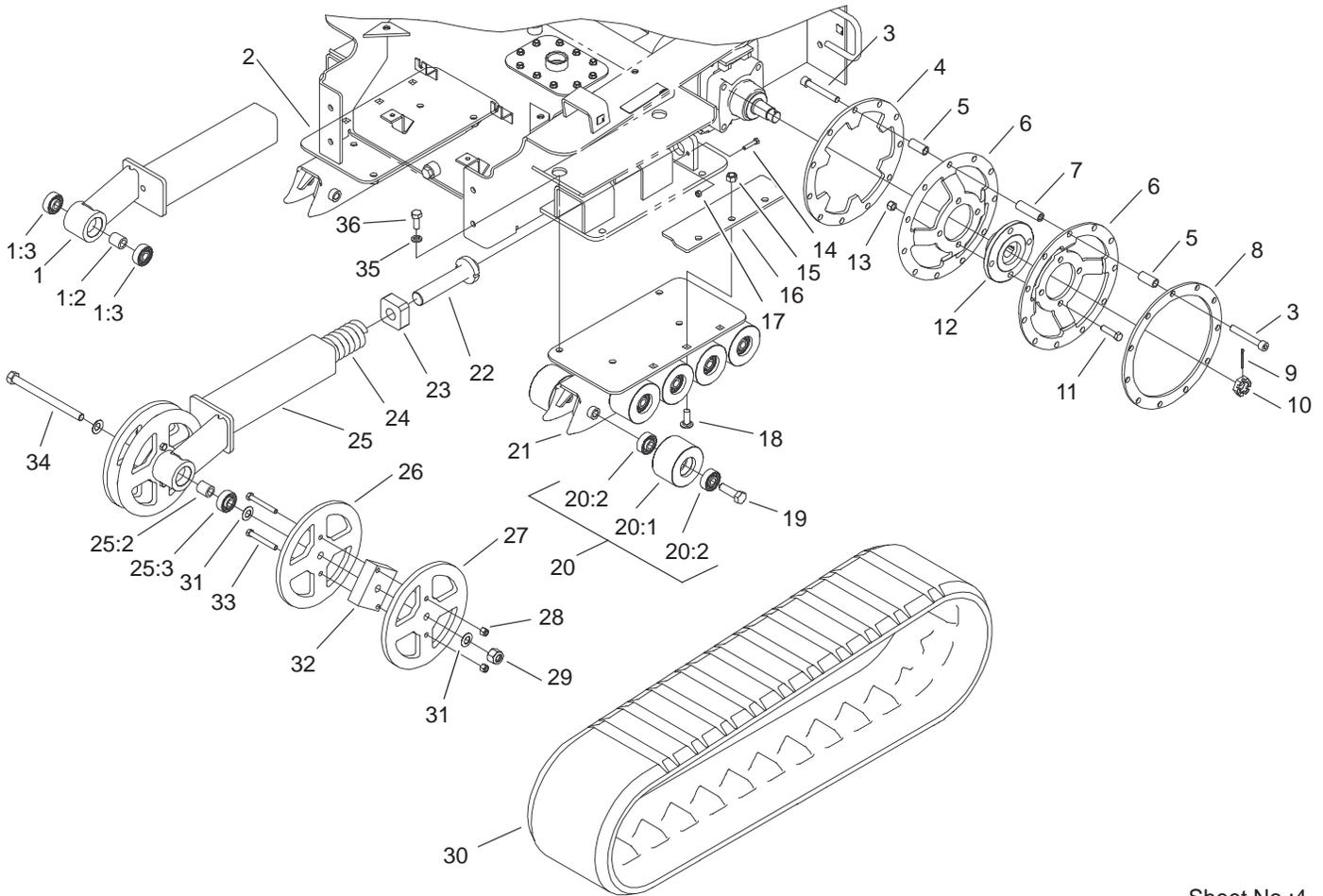


Sheet No.:2

Main Frame and Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description
1	105-0233	1	Main Chassis ASM
1:2	100-6141	2	Decal-Pinch
1:3	93-9084	4	Decal-Point, Lift
1:4	100-1253	1	Gasket-Cover, Access
1:5	104-8389-01	1	Tank Cover ASM
1:6	98-9940	10	Screw
1:7	353-988	1	Plug-Hex, Hollow
1:7:1	237-79	1	O-Ring
2	61-2790	1	Filter-Screen
3	100-2097	1	Dipstick-Oil
4	93-7498	1	Plug-Plastic
5	113372	1	Gasket-Sender, Fuel
6	100-1298	1	Sender-Fuel
7	3253-17	5	Washer-Lock/Sp
8	3250-31	5	Screw-PPH
9	46-6560	1	Bushing
10	98-0185	1	Pipe Stand ASM
11	3296-39	1	Nut-Lock, NI
12	3256-38	1	Washer-Flat
13	100-1257-03	1	Clamp-Tank, Fuel
14	325-12	4	Screw-HH
15	3253-7	4	Washer-Lock
16	3256-26	10	Washer-Flat
17	99-6165-01	2	Counterweight-Rear
18	98-0094-01	1	Rear Frame Cover ASM

Ref. No.	Part No.	Qty.	Description
19	3231-22	1	Screw-CARR
20	325-6	4	Screw-HH
21	93-3101	1	Cap-Fuel
22	95-3619	1	Tank-Fuel
23	3296-23	8	Nut-Lock, NI
24	325-5	2	Screw-HH
25	99-6166-01	1	Counterweight-Front
26	325-10	4	Screw-HH

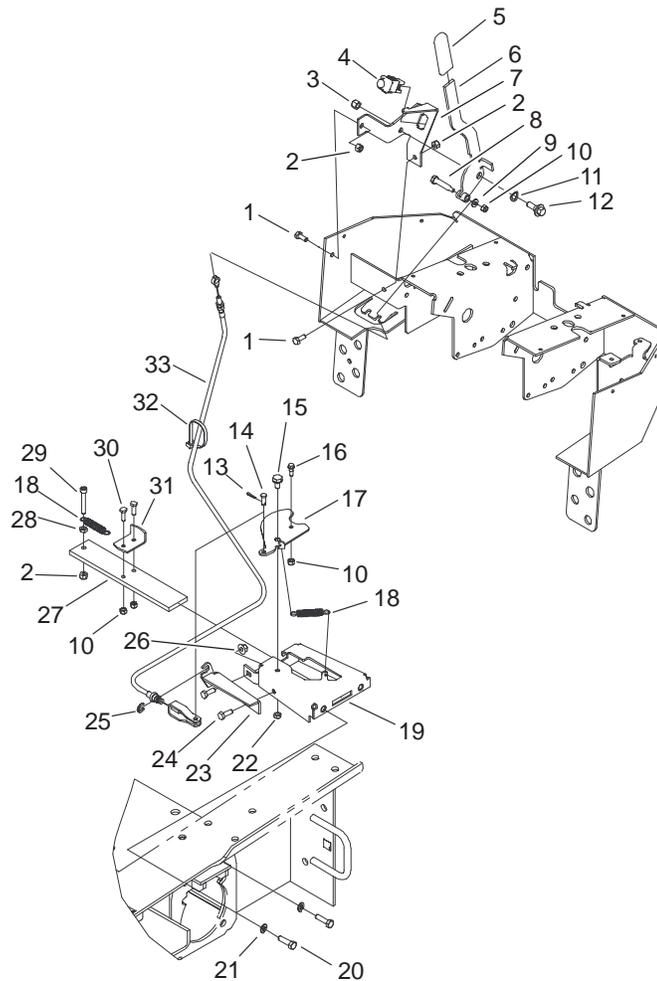


Sheet No.:4

Track and Traction Assembly

Ref. No.	Part No.	Qty.	Description
1	105-0234	1	RH Tensioner Arm ASM
1:2	105-0209	1	Spacer-Bearing
1:3	93-4237	2	Bearing
2	105-0218-03	1	RH Track Guide ASM
3	3274-100	44	Screw-HSH
4	100-8934-03	2	Rim-Brake, Drive Wheel
5	100-8936	44	Spacer-Wheel, Drive
6	100-8935-03	4	Drive Wheel ASM
7	100-1286	22	Spacer-Wheel, Drive
8	99-6170-03	2	Wheel-Drive, Ring
9	99-3171	2	Pin - Cotter
10	99-3139	2	Nut-Wheel, Motor
11	325-7	8	Screw-HH
12	104-5719-03	2	Hub-Wheel, Drive
13	3296-23	8	Nut-Lock, NI
14	321-13	2	Screw-HH
15	3296-23	6	Nut-Lock, NI
16	105-0219-03	2	Clamp-Guide, Track
17	3296-42	2	Nut-Lock, NI
18	3233-26	6	Screw-CARR
19	327-6	20	Screw-HH
20	105-0248	20	Road Wheel ASM
20:1	100-8929	1	Wheel-Road
20:2	93-4237	2	Bearing

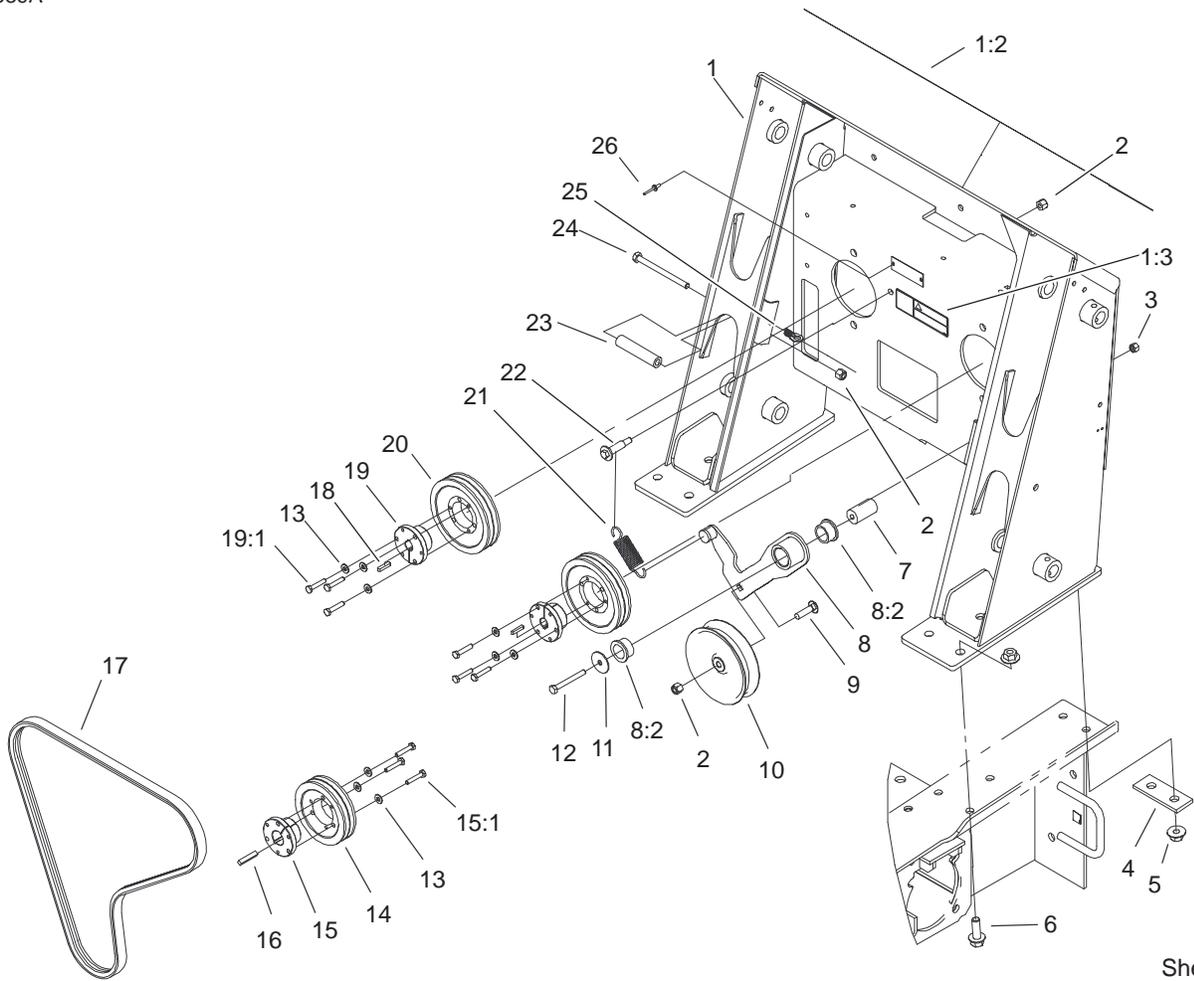
Ref. No.	Part No.	Qty.	Description
21	105-0220-03	1	LH Track Guide ASM
22	98-9846	2	Bolt-Tensioner
23	95-3626	2	Block-Tensioning
24	95-3624	2	Spring-Compression
25	105-0235	1	LH Tensioner Arm ASM
25:2	105-0209	1	Spacer-Bearing
25:3	93-4237	2	Bearing
26	105-0211-03	4	Wheel-Tensioner, Inner
27	105-0242-03	4	Wheel-Tensioner, Outer
28	3296-39	8	Nut-Lock, NI
29	105-0369	2	Nut-Crownlock
30	100-8931	2	Track-Soucy, 9.5 Inch
31	3290-473	8	Washer-Belleville
32	105-0210-03	4	Block-Spacer
33	323-14	8	Screw-HH
34	105-0350	2	Screw-Head, Socket
35	3253-7	8	Washer-Lock
36	325-5	4	Screw-HH



Sheet No.:5

Brake Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	322-3	2	Screw-HH	26	32128-20	4	Nut-HF
2	3296-29	4	Nut-Lock NI	27	98-8444-03	2	Plate-Brake
3	3296-6	1	Nut-Lock, NI	28	3218-2	2	Nut-Jam
4	100-1268	1	Switch-Plunger, Snap Mount	29	3274-86	2	Screw-HSH
5	62-9130	1	Grip-Handle	30	321-5	4	Screw-HH
6	99-6151-03	1	Brake Lever ASM	31	98-8448	2	Stop-Brake
7	99-6153-03	1	Bracket-Switch	32	3290-378	2	Tie-Cable
8	611792	1	Bolt-Shoulder	33	100-1283	2	Cable-Brake
9	3256-22	1	Washer-Flat				
10	3296-42	7	Nut-Lock, NI				
11	3290-221	1	Washer-Spring				
12	93-2364	1	Bolt - Shoulder				
13	3272-9	2	Pin-Cotter				
14	283-62	2	Pin-Clevis				
15	37-8771	2	Bolt-Shoulder				
16	42-3560	2	Bolt-Shoulder				
17	98-8443	2	Lever-Brake				
18	87-4020	4	Spring - Extension				
19	100-4200-03	2	Brake Housing ASM				
20	323-7	4	Screw-HH				
21	3253-5	4	Washer-Lock				
22	3296-47	2	Nut-Lock, NI				
23	98-8446-03	2	Bracket-Cable, Brake				
24	322-4	4	Screw-HH				
25	32151-43	2	Klipring				

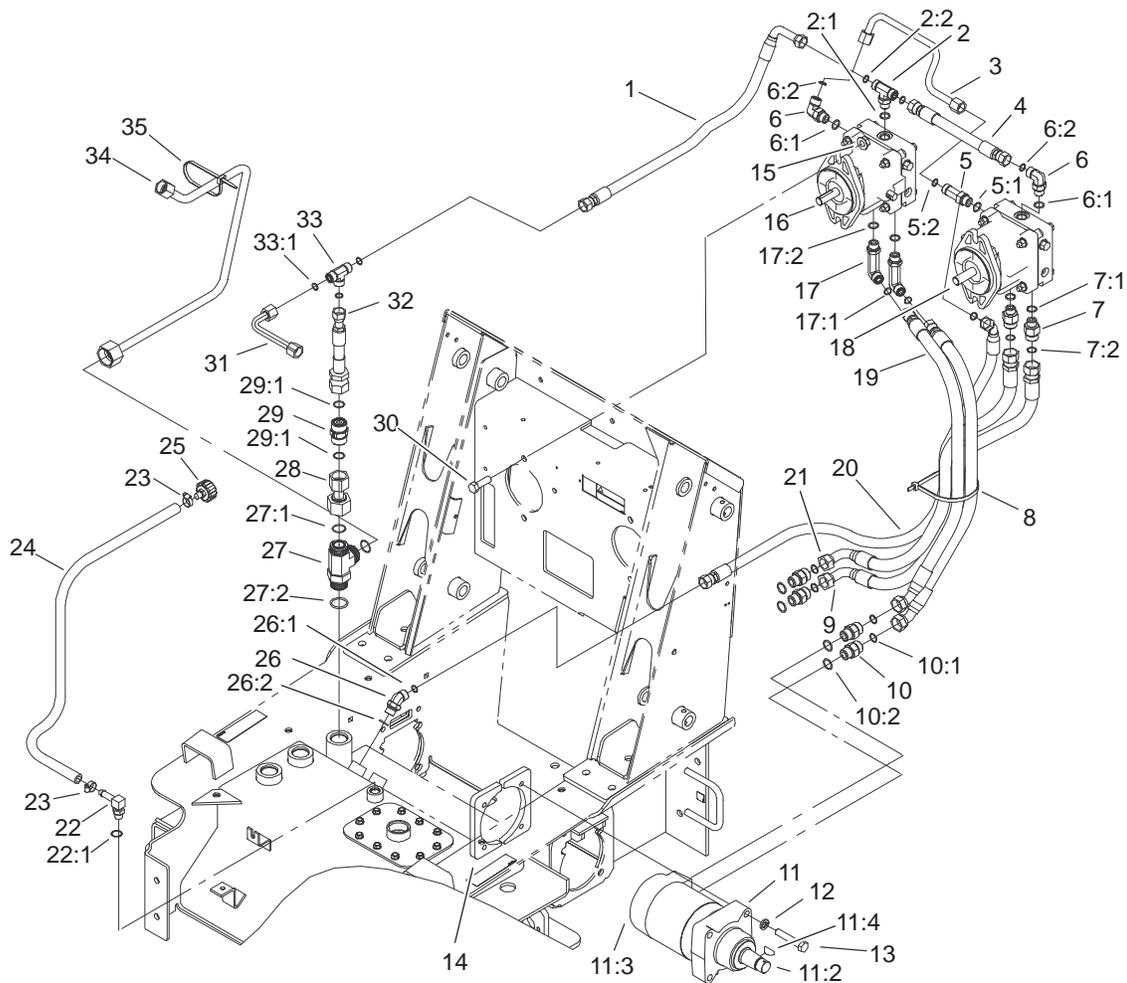


Sheet No.:6

Loader Tower and Drive Assembly

Ref. No.	Part No.	Qty.	Description
1	104-2843	1	Loader Tower ASM
1:2	104-2842	1	Decal-Panel
1:3	80-8040	1	Decal-Warning
2	3296-39	4	Nut-Lock, NI
3	3296-29	1	Nut-Lock NI
4	100-6123-01	2	Plate-Stiffener
5	32128-52	10	Locknut-Flange
6	100-6116	10	Screw-HHF
7	95-3538	1	Spacer-Mounting
8	99-6167	1	Idler Arm ASM
8:2	256-132	2	Bushing-Flange
9	3231-26	1	Screw-CARR
10	95-3707	1	Pulley-Idler
11	3256-68	1	Washer-Flat
12	322-13	1	Screw-HH
13	3256-22	9	Washer-Flat
14	61-3330	1	Pulley
15	61-3340	1	Bushing
15:1	100-4208	3	Screw-HH
16	67-7490	1	Key
17	95-3611	1	V-Belt
18	80-6090	2	Key - Pump
19	100-4206	2	Bushing
19:1	100-4208	3	Screw-HH
20	100-4207	2	Sheave
21	95-3535	1	Spring-Extention

Ref. No.	Part No.	Qty.	Description
22	56-6590	1	Bolt-Wheel
23	100-1271	2	Tube-Spacer
24	323-23	2	Screw-HH
25	95-4013	2	Latch ASM
26	3269-13	2	Rivet-Pop

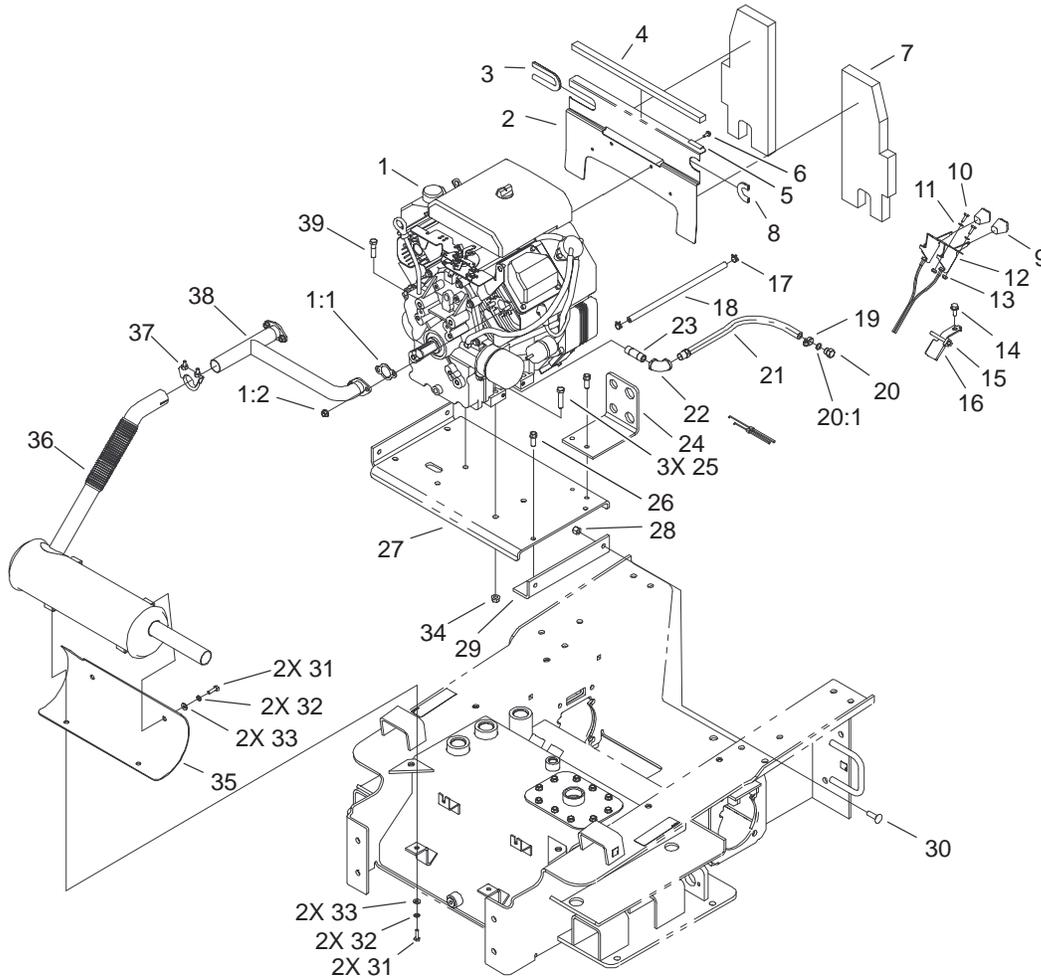


Traction Hydraulic Assembly

Ref. No.	Part No.	Qty.	Description
1	100-6130	1	HYD Hose ASM
2	340-157	1	Fitting-HYD
2:1	237-79	1	O-Ring
2:2	237-30	2	O-Ring
3	98-0200	1	HYD Tube ASM
4	95-3664	1	HYD Hose ASM
5	340-109	1	Fitting-HYD
5:1	237-79	1	O-Ring
5:2	237-30	2	O-Ring
6	340-98	2	Fitting-HYD, 90°
6:1	237-79	1	O-Ring
6:2	237-30	1	O-Ring
7	340-155	2	Fitting-HYD
7:1	237-79	1	O-Ring
7:2	237-151	1	O-Ring
8	3334-945	1	Tie-Cable
9	98-0235	1	HYD Hose ASM
10	340-7	4	Adapter
10:1	237-65	1	O-Ring
10:2	237-80	1	O-Ring
11	98-2767	2	Motor-Wheel, HYD
*11:1	100-6131	1	Kit-Seal
11:2	99-3090	1	Coupling-Shaft
11:3	100-4241	7	Screw-HH
11:4	3257-42	1	Key-Woodruff
12	3253-7	8	Washer-Lock

Ref. No.	Part No.	Qty.	Description
13	325-11	8	Screw-HH
14	98-2763-03	4	Plate-Mounting, Wheelmotor
15	32128-23	4	Nut-HF
16	98-8431	1	Pump-HYD, RH
17	99-6160	2	Fitting-Elbow, 90°
17:1	237-30	1	O-Ring
17:2	237-79	1	O-Ring
18	98-8432	1	Pump-HYD, LH
19	98-0233	2	HYD Hose ASM
20	98-0201	1	HYD Hose ASM
21	98-0177	1	HYD Hose ASM
22	354-120	1	Fitting-HYD, 90°
22:1	237-79	1	O-Ring
23	2412-36	2	Clamp-Hose
24	98-2708	1	Hose - Vent
25	68-6150	1	Breather-Air
26	340-101	1	Fitting-HYD, 90°
26:1	237-30	1	O-Ring
26:2	237-79	1	O-Ring
27	104-3795	1	Fitting-HYD, Tee
27:1	340-65	2	O-Ring
27:2	237-146	1	O-Ring
28	105-0226	1	HYD Tube ASM
29	99-6161	1	Valve-Check, HYD
29:1	237-58	2	O-Ring

* Not illustrated



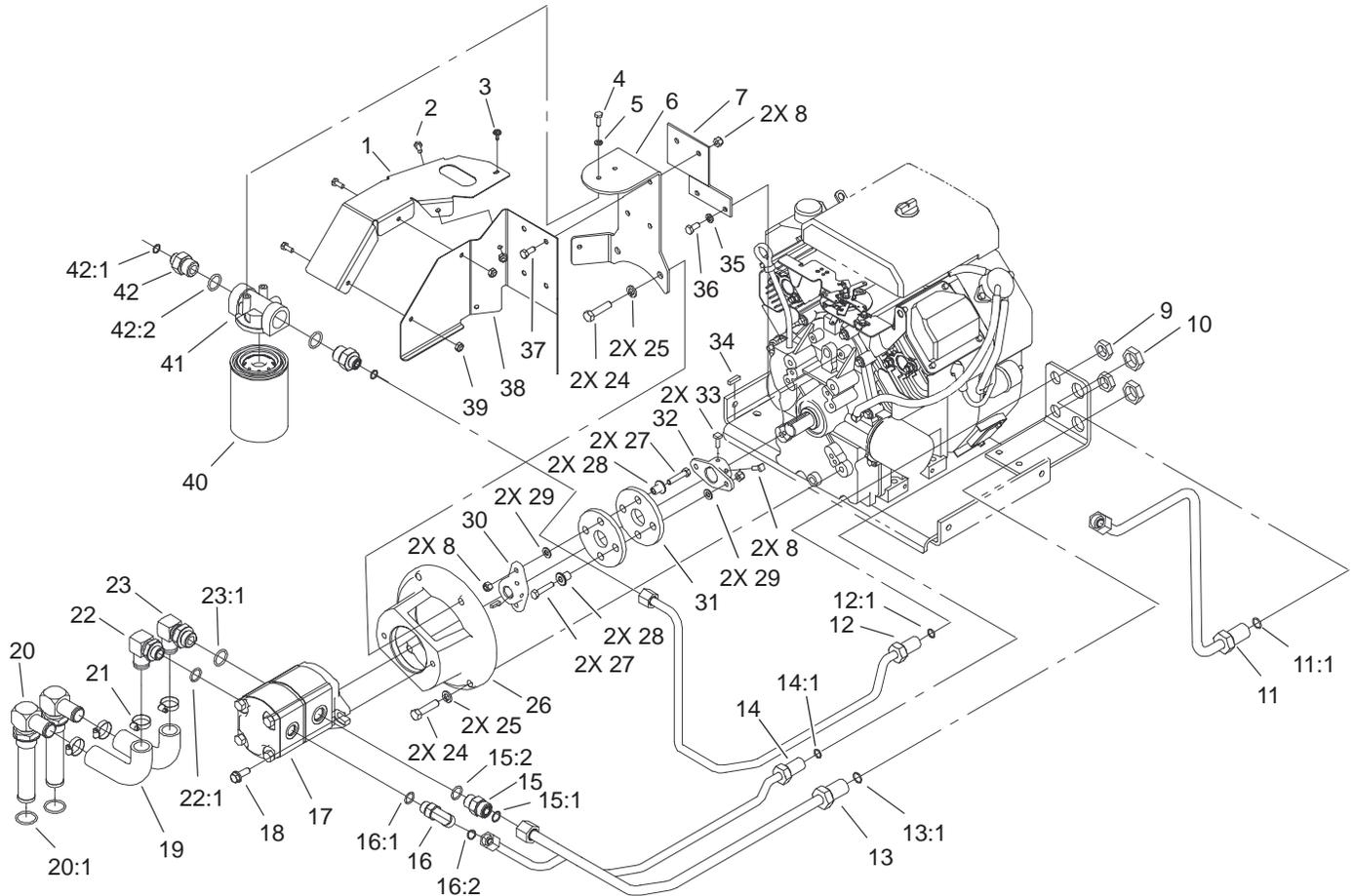
Sheet No.:9

Engine and Mount Assembly

Ref. No.	Part No.	Qty.	Description
☆1		1	Engine-Kohler, CH25S PS-68688
1:1	93-0350	2	Gasket - Exhaust
1:2	92-6780	4	Nut-HF
2	105-0240-03	1	Baffle-Engine
3	105-0378	1	Seal-Strip, 6.5"
4	105-0382	1	Seal-Foam
5	105-0381	1	Seal-Strip, 1.5"
6	32144-112	2	Screw-HWHTF
7	105-0367	2	Seal-Foam
8	105-0377	1	Seal-Strip, 3"
9	66-0120	2	Knob
10	3290-134	4	Screw
11	3256-21	4	Washer-Flat
12	99-6173	2	Cable-Throttle
13	3296-2	4	Nut-Lock
14	32144-70	1	Screw-HH
15	3290-378	2	Tie-Cable
16	100-1299-03	1	Guide-Cable
17	2412-98	2	Clamp
18	105-0376	1	Hose-Fuel
19	2412-119	1	Clamp-Worm
20	353-508	1	Plug
20:1	237-42	1	O-Ring
21	100-1256	1	Oil Hose ASM
22	94-9650	1	Elbow-3/8, 90

Ref. No.	Part No.	Qty.	Description
23	289-42	1	Nipple
24	105-0207-03	1	Bracket-Bulkhead
25	323-9	3	Screw-HH
26	95-1726	6	Screw-Taptite W/Patch
27	105-0205-03	1	Plate-Mounting, Engine
28	3296-39	4	Nut-Lock, NI
29	105-0206-03	2	Bracket-Mounting, Engine
30	3231-22	4	Screw-CARR
31	321-5	4	Screw-HH
32	3253-3	4	Washer-Lock
33	3256-22	4	Washer-Flat
34	32128-21	4	Nut-HF
35	98-2762	1	Shield-Heat, Muffler
36	105-0249	1	Muffler-Exhaust
37	2112-11	1	Clamp-Muffler
38	98-2761	1	Manifold-Crossover
39	323-8	1	Screw-HH

☆ Not serviced

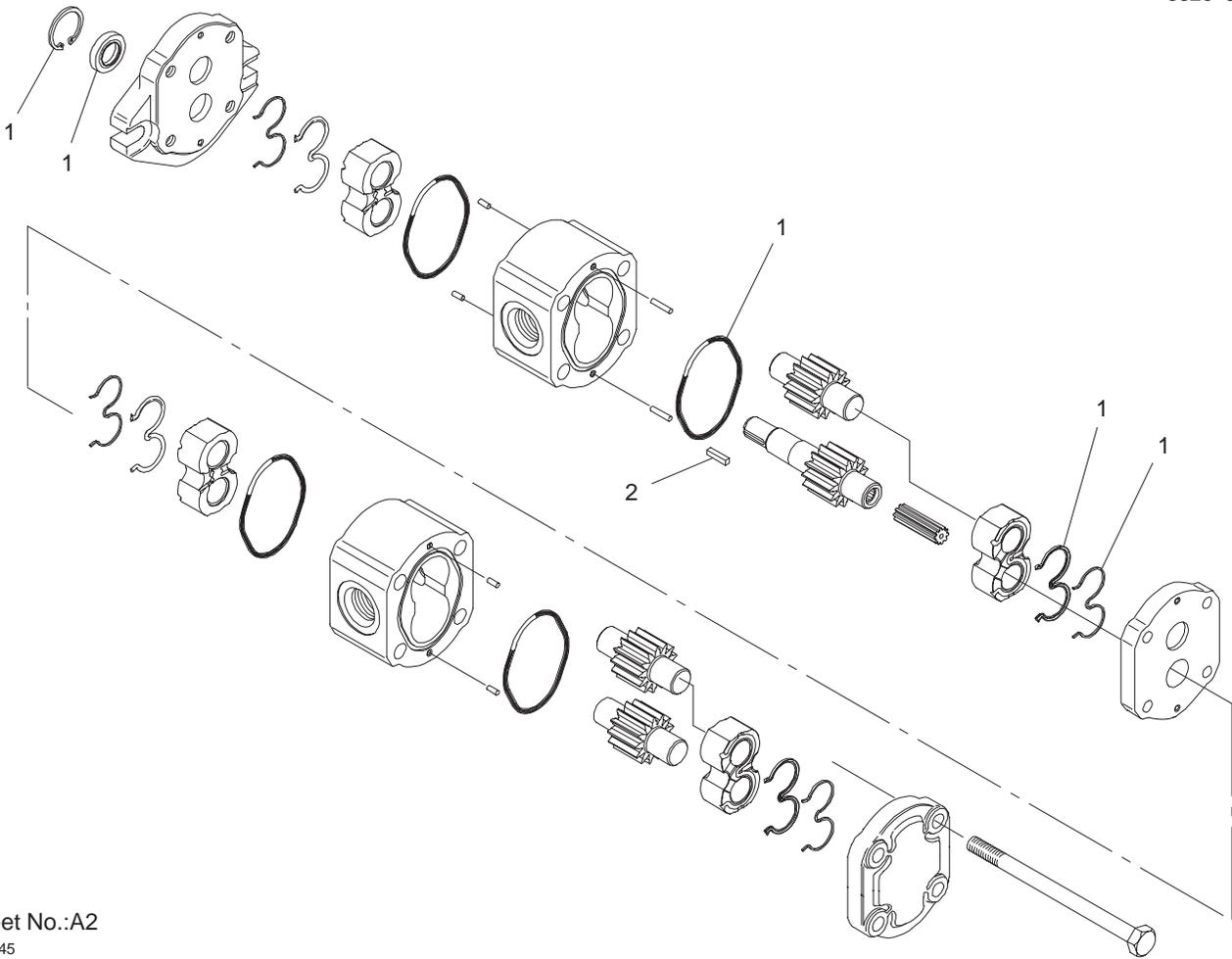


Sheet No.:10

Hydraulic Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	104-9960	1	Shield-Heat
2	321-39	4	Screw-HH
3	12-5450	1	Screw Ev
4	321-4	2	Screw-HH
5	3253-3	2	Washer-Lock
6	99-6172-03	1	Bracket-Support, Oil Filter
7	99-6171-03	1	Bracket-Support, Oil Filter
8	3296-29	8	Nut-Lock NI
9	340-127	2	Nut-Bulkhead
10	340-74	2	Locknut-Bulkhead
11	104-5705	1	HYD Tube ASM
11:1	237-65	1	O-Ring
12	98-2780	1	HYD Tube ASM
12:1	237-30	1	O-Ring
13	98-2783	1	HYD Tube ASM
13:1	237-65	1	O-Ring
14	98-2781	1	HYD Tube ASM
14:1	237-30	1	O-Ring
15	340-7	1	Adapter
15:1	237-65	1	O-Ring
15:2	237-80	1	O-Ring
16	340-98	1	Fitting-HYD, 90°
16:1	237-79	1	O-Ring
16:2	237-30	1	O-Ring

Ref. No.	Part No.	Qty.	Description
17	98-2752	1	Pump-Gear, HYD
18	66-9300	2	Screw-HF
19	105-0201	2	Hose-Suction, Formed
20	105-0204	2	Strainer Fitting ASM
20:1	237-146	1	O-Ring
21	2412-34	4	Clamp-Hose
22	61-2710	1	Stem-Hose, 90°
22:1	237-117	1	O-Ring
23	100-4202	1	Fitting-90°
23:1	237-81	1	O-Ring
24	324-7	4	Screw-HH
25	3253-6	4	Washer-Lock
26	98-2751	1	Mount - Pump
27	322-7	4	Screw-HH
28	71-4411	4	Spacer
29	3256-23	4	Washer-Flat
30	49-9600	1	Hub-Pump
31	44-2230	2	Coupling-Rubber
32	27-1960	1	Hub-Engine
33	3241-6	4	Screw-SQH
34	10-7070	1	Key-Square
35	3253-4	2	Washer-Lock
36	33114-020	2	Screw-HH
37	322-3	4	Screw-HH
38	100-6114	1	Shield-Heat, Filter

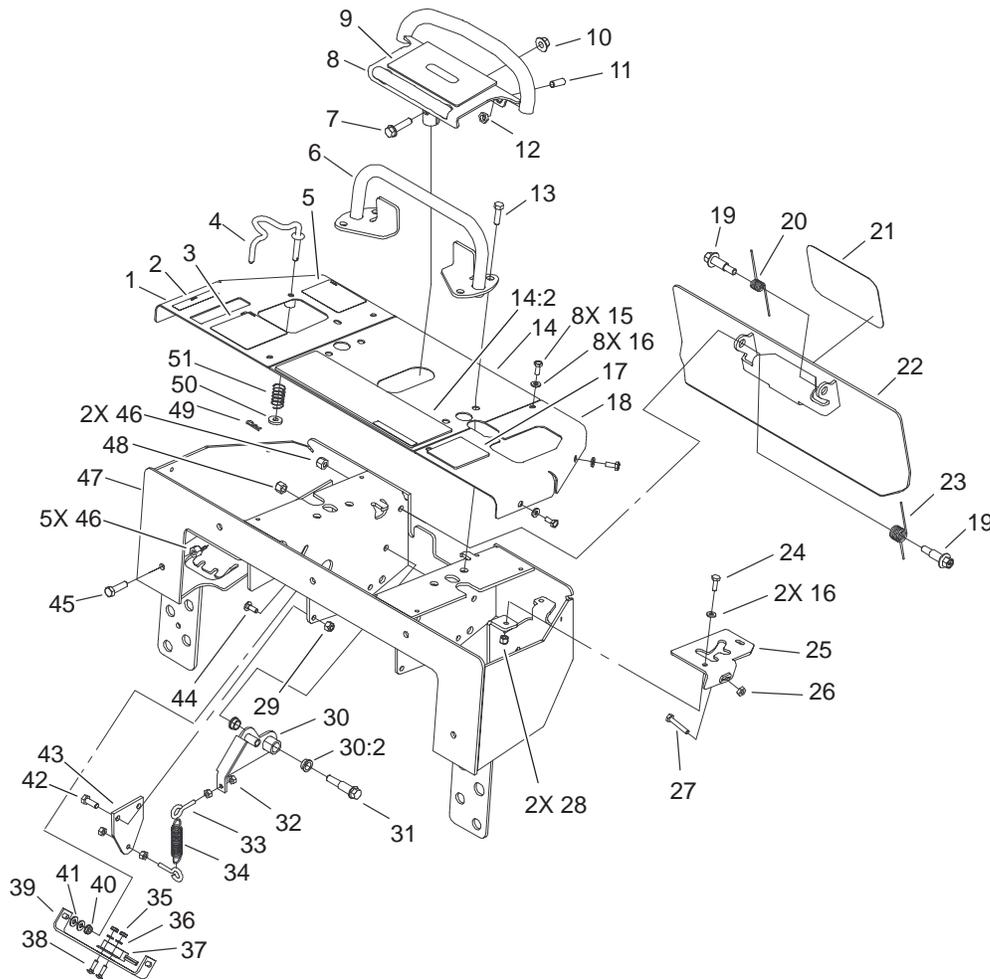


Sheet No.:A2
C-2945

Hydraulic Gear Pump Assembly No. 98-2752

Ref. No.	Part No.	Qty.	Description
1	100-4237	1	Kit-Seal, Pump
2	100-4238	1	Key-Square

Ref. No.	Part No.	Qty.	Description

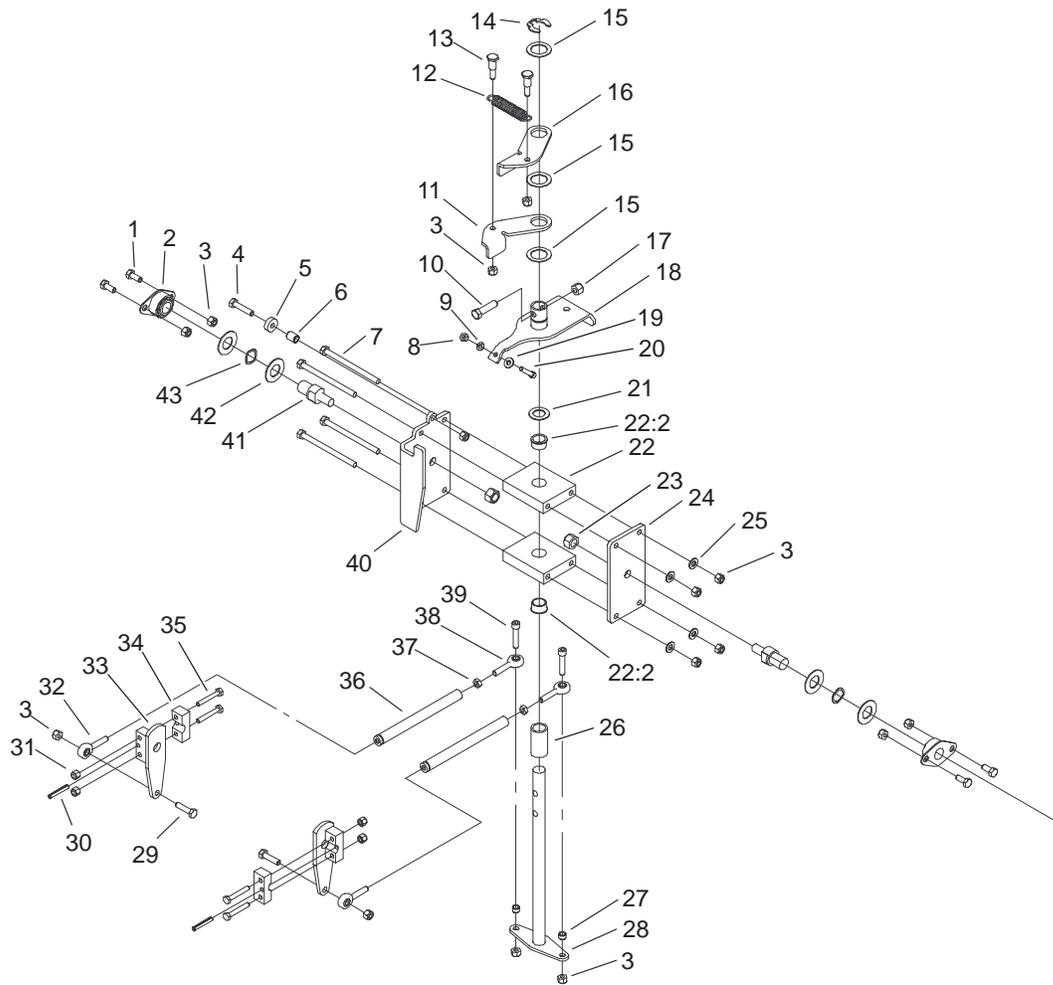


Sheet No.:11

Control Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	104-2836-01	1	RH Panel ASM
2	104-2838	1	Decal-Brake
3	104-2837	1	Decal-Loader
4	104-2833	1	Rod-Interlock
5	104-2844	1	Decal-Interlock
6	98-8400-03	1	Reference Bar ASM
7	3234-18	1	Screw-HHF
8	104-9970-03	1	Control Handle ASM
9	100-6138	1	Decal-Traction
10	32128-43	1	Nut-Flange
11	3247-6	2	Screw-Set, Socket Hd
12	3218-3	2	Nut-Jam
13	322-16	4	Screw-HH
14	100-6144	1	Center Panel ASM
14:2	100-6140	1	Decal-Danger
15	32144-85	8	Screw-HH
16	3256-16	10	Washer-Flat
17	100-6136	1	Decal-Auxiliary
18	98-8428-01	1	Panel-LH
19	62-1330	2	Bolt-Shoulder
20	98-8424	1	Spring-Torsion, RH
21	105-1217	1	Decal - Toro
22	98-8417-03	1	Reverse Plate ASM
23	98-8425	1	Spring-Torsion, LH
24	321-4	2	Screw-HH
25	100-6126-01	1	Auxiliary Stop ASM

Ref. No.	Part No.	Qty.	Description
26	3218-1	1	Nut-Jam
27	321-9	1	Screw-HH
28	3296-8	2	Nut-Lock NI
29	3296-29	2	Nut-Lock NI
30	100-4203	1	Neutral Centering Lever ASM
30:2	256-156	2	Bushing-Flange
31	66-0560	1	Bolt-Shoulder
32	3217-5	4	Nut-Hex
33	71-2870	2	Bolt-Eye
34	105-1210	1	Spring - Extension
35	32149-7	2	Nut-Keps
36	3256-51	2	Washer-Flat
37	100-1270	1	Switch-Proximity
38	3229-20	2	Screw-CARR
39	100-1263	1	Plate-Switch
40	32149-2	2	Nut
41	3256-22	4	Washer-Flat
42	322-4	2	Screw-HH
43	100-1261-03	1	Bracket-Spring
44	3229-1	2	Screw-CARR
45	323-7	5	Screw-HH
46	3296-39	7	Nut-Lock, NI
47	95-3540-01	1	Control Panel ASM
48	3296-6	1	Nut-Lock, NI
49	3290-307	1	Pin-Hair

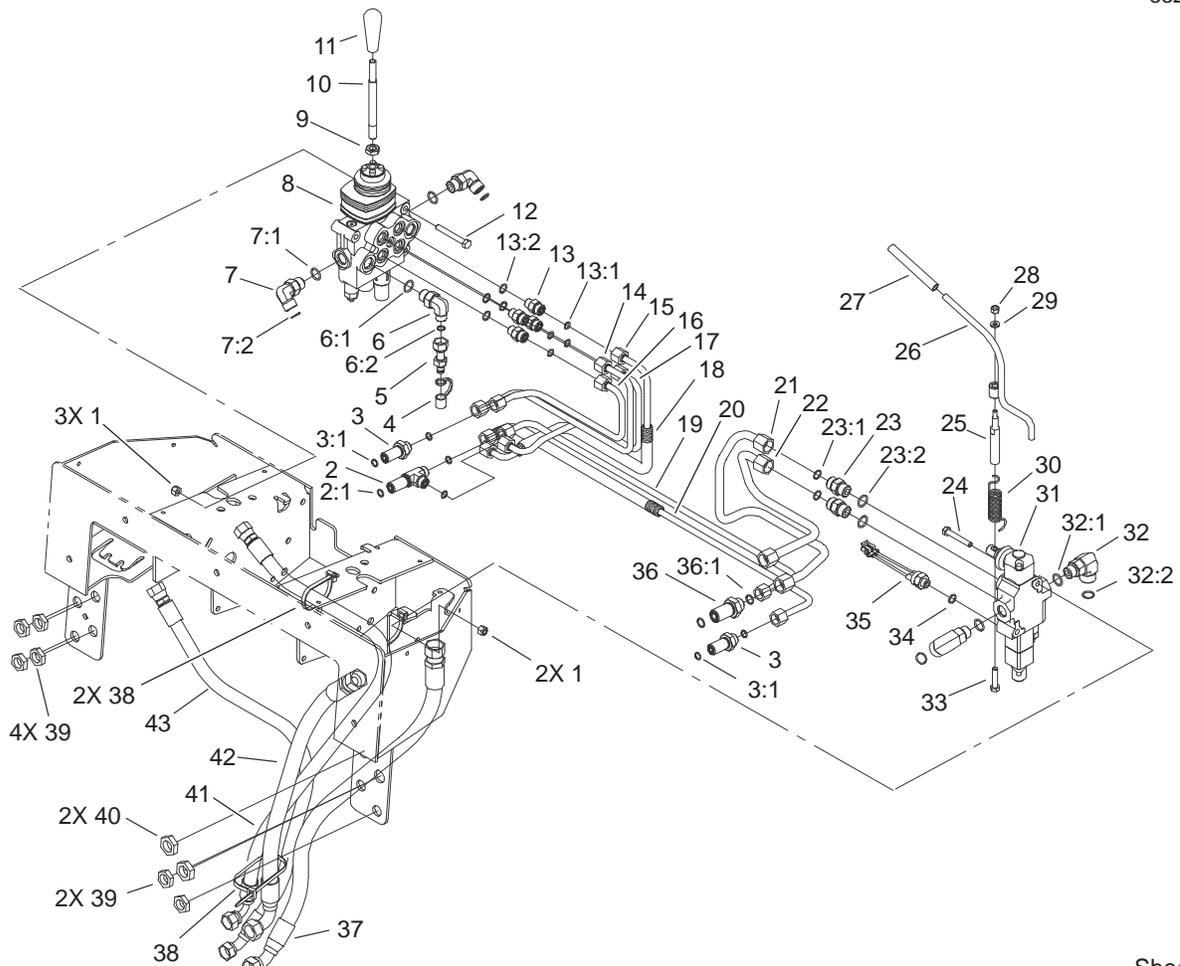


Sheet No.:12

Traction Control Assembly

Ref. No.	Part No.	Qty.	Description
1	322-3	4	Screw-HH
2	68-2970	2	Bushing
3	3296-29	15	Nut-Lock NI
4	322-7	1	Screw-HH
5	251-259	1	Bearing
6	88-7450	1	Spacer-Lever, Control
7	322-38	4	Screw-HH
8	3217-5	1	Nut-Hex
9	3253-3	1	Washer-Lock
10	323-8	1	Screw-HH
11	98-8407	1	Lever-Return, RH
12	105-1210	1	Spring - Extension
13	63-2650	2	Screw-Shoulder
14	32151-91	1	Ring-Retaining
15	3256-42	3	Washer-Flat
16	98-8408	1	Lever-Return, LH
17	3296-39	1	Nut-Lock, NI
18	104-9968	1	Pivot Lever ASM
19	3256-22	1	Washer-Flat
20	3274-51	1	Screw-HSH
21	257-8	1	Washer-Thrust
22	104-9972	2	Bearing Support Block ASM
22:2	256-252	1	Bearing-Flange
23	3296-23	2	Nut-Lock, NI
24	104-9975-03	1	Bracket-Pivot, LH

Ref. No.	Part No.	Qty.	Description
25	3256-23	4	Washer-Flat
26	104-9974	1	Spacer-Pivot, Rod
27	92-3133	2	Spacer-Lever, Traction
28	98-8411	1	Drive Rod ASM
29	322-6	2	Screw-HH
30	100-6148	2	Pin-Spring, Metric
31	3296-8	4	Nut-Lock NI
32	2411-53	2	Bearing-Rod End, LH
33	98-8433	2	Pump Lever ASM
34	98-8434	2	Clamp-Traction
35	321-10	4	Screw-HH
36	95-3711	2	Rod-Linkage
37	3220-2	2	Nut
38	2411-52	2	Bearing-Rod End, RH
39	3274-83	2	Screw-HSH
40	104-9976-03	1	Bracket-Pivot, RH
41	95-3684	2	Shaft-Arm, Pivot
42	3256-39	6	Washer-Flat
43	95-3703	2	Washer-Spring, Wave

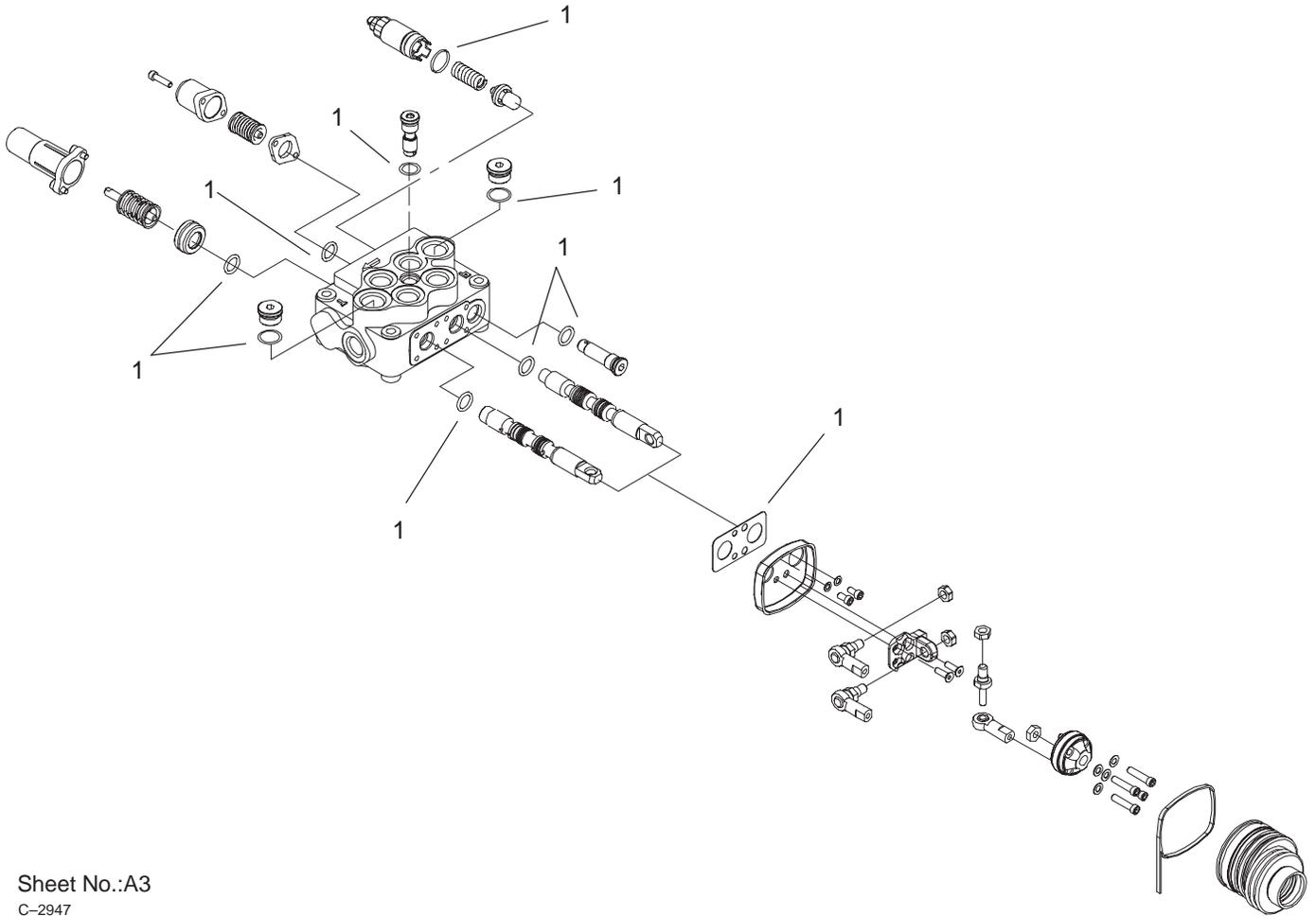


Sheet No.:13

Principal Hydraulic Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-29	5	Nut-Lock NI
2	340-68	2	Fitting-Tee, Bulkhead
2:1	237-22	3	O-Ring
3	340-71	4	Fitting-Straight, Bulkhead
3:1	237-22	2	O-Ring
4	354-79	1	Cap-Fitting, Yellow
5	86-5480	1	Nipple-Test
6	340-18	1	Fitting-HYD, 90°
6:1	237-79	1	O-Ring
6:2	237-22	1	O-Ring
7	340-98	2	Fitting-HYD, 90°
7:1	237-79	1	O-Ring
7:2	237-30	1	O-Ring
8	95-3536	1	Valve-2 Spool
9	51-2070	1	Nut
10	95-3569	1	Shaft-Handle, Lift/Tilt
11	98-0152	1	Knob-Tapered
12	322-12	3	Screw-HH
13	340-2	4	Adapter-Straight, HYD
13:1	237-22	1	O-Ring
13:2	237-42	1	O-Ring
14	98-2788	1	HYD Tube ASM
15	98-2784	1	HYD Tube ASM
16	98-2789	1	HYD Tube ASM
17	98-2785	1	HYD Tube ASM

Ref. No.	Part No.	Qty.	Description
18	100-1287	2	Conduit-Convolutated
19	98-2787	1	HYD Tube ASM
20	98-2786	1	HYD Tube ASM
21	98-2790	1	HYD Tube ASM
22	98-2791	1	HYD Tube ASM
23	340-4	2	Adapter
23:1	237-30	1	O-Ring
23:2	237-79	1	O-Ring
24	322-11	2	Screw-HH
25	104-2827	1	Spacer-Hiflo
26	100-4246	1	Auxiliary Lever ASM
27	92-6798	1	Cap-Rod, Tilt
28	3296-42	1	Nut-Lock, NI
29	3256-16	1	Washer-Flat
30	100-6129	1	Spring-Torsion
31	104-2831	1	Valve-1 Spool
32	340-153	2	Fitting-HYD
32:1	237-79	1	O-Ring
32:2	237-151	1	O-Ring
33	48-7740	1	Screw
34	237-42	1	O-Ring
35	72-4310	1	Switch
36	340-161	2	Fitting-Bulkhead
36:1	237-30	2	O-Ring
37	98-0203	1	HYD Hose ASM
38	3290-378	3	Tie-Cable

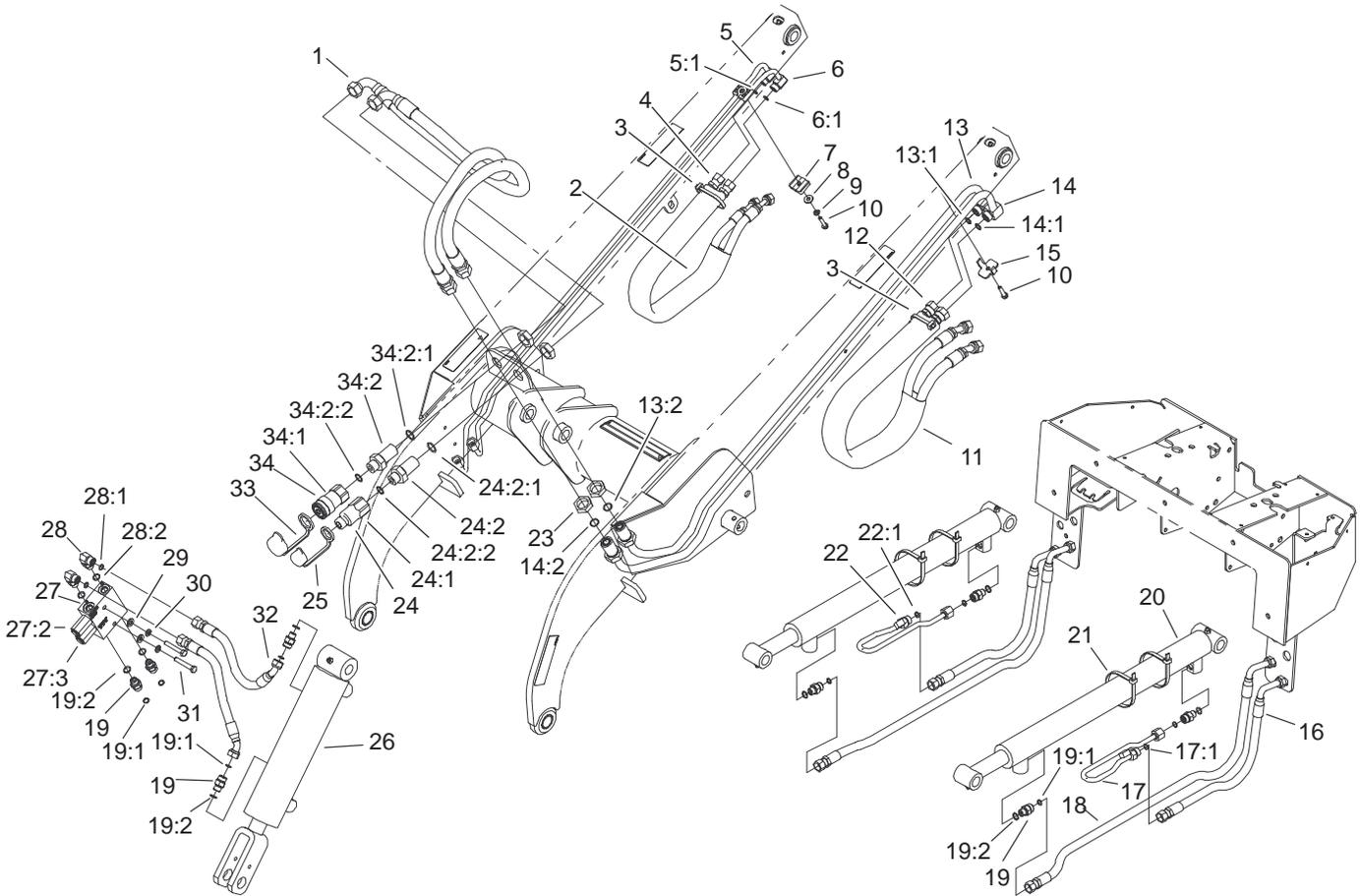


Sheet No.:A3
C-2947

2-Spool Valve Assembly No. 95-3536

Ref. No.	Part No.	Qty.	Description
1	100-4249	1	Kit-Seal

Ref. No.	Part No.	Qty.	Description
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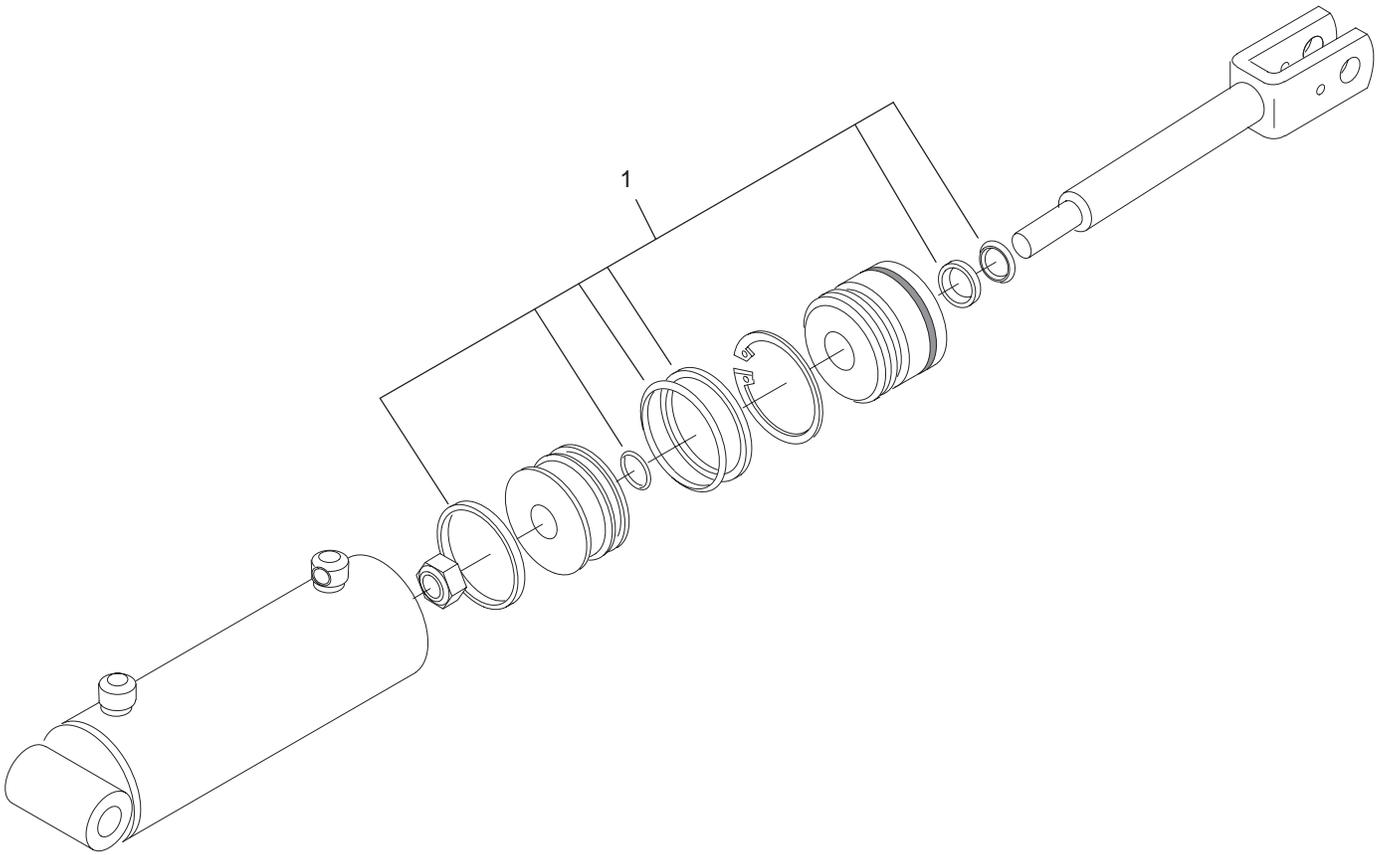
Sheet No.:15

Loader Arm Hydraulic Assembly

Ref. No.	Part No.	Qty.	Description
1	99-6193	2	HYD Hose ASM
2	100-6127	1	Sleeve-Protective
3	3290-378	2	Tie-Cable
4	98-0213	2	HYD Hose ASM
5	104-9965	1	HYD Tube ASM
5:1	237-22	1	O-Ring
6	104-9964	1	HYD Tube ASM
6:1	237-22	1	O-Ring
7	56-7973	2	Clamp-Tube
8	3256-2	1	Washer-Flat
9	3253-3	1	Washer-Lock
10	32144-110	2	Screw-HWH
11	100-6128	1	Sleeve-Protective
12	98-0242	2	HYD Hose ASM
13	104-9962	1	HYD Tube ASM
13:1	237-30	1	O-Ring
13:2	237-65	1	O-Ring
14	104-9963	1	HYD Tube ASM
14:1	237-30	1	O-Ring
14:2	237-65	1	O-Ring
15	98-0237-03	1	Plate-Clamp, Tube
16	98-0216	2	HYD Hose ASM
17	100-1259	1	HYD Tube ASM
17:1	237-22	1	O-Ring
18	98-0217	2	HYD Hose ASM
19	340-2	8	Adapter-Straight, HYD

Ref. No.	Part No.	Qty.	Description
19:1	237-22	2	O-Ring
19:2	237-42	2	O-Ring
20	99-6162	2	Cylinder-Lift
21	3334-945	4	Tie-Cable
22	100-1258	1	HYD Tube ASM
22:1	237-22	1	O-Ring
23	340-74	4	Locknut-Bulkhead
24	100-4748	1	Bulkhead Nipple ASM
24:1	96-1276	1	Nipple-Face, Flush
24:2	100-4236	1	Fitting-Adapter, Bulkhead
24:2:1	237-65	1	O-Ring
24:2:2	237-80	1	O-Ring
25	100-8815	1	Cap-Dust, Nipple
26	95-3578	1	Cylinder-Tilt
27	100-4205	1	Valve-Relief, Crossover
*27:1	100-4219	2	Kit-Seal, Buma
27:2	100-4220	1	Cartridge-Relief
27:3	100-4221	1	Cartridge-Relief
28	340-77	2	Fitting-HYD, 90°
28:1	237-22	1	O-Ring
28:2	237-42	1	O-Ring
29	3256-23	2	Washer-Flat
30	3253-4	2	Washer-Lock
31	322-10	2	Screw-HH

* Not illustrated

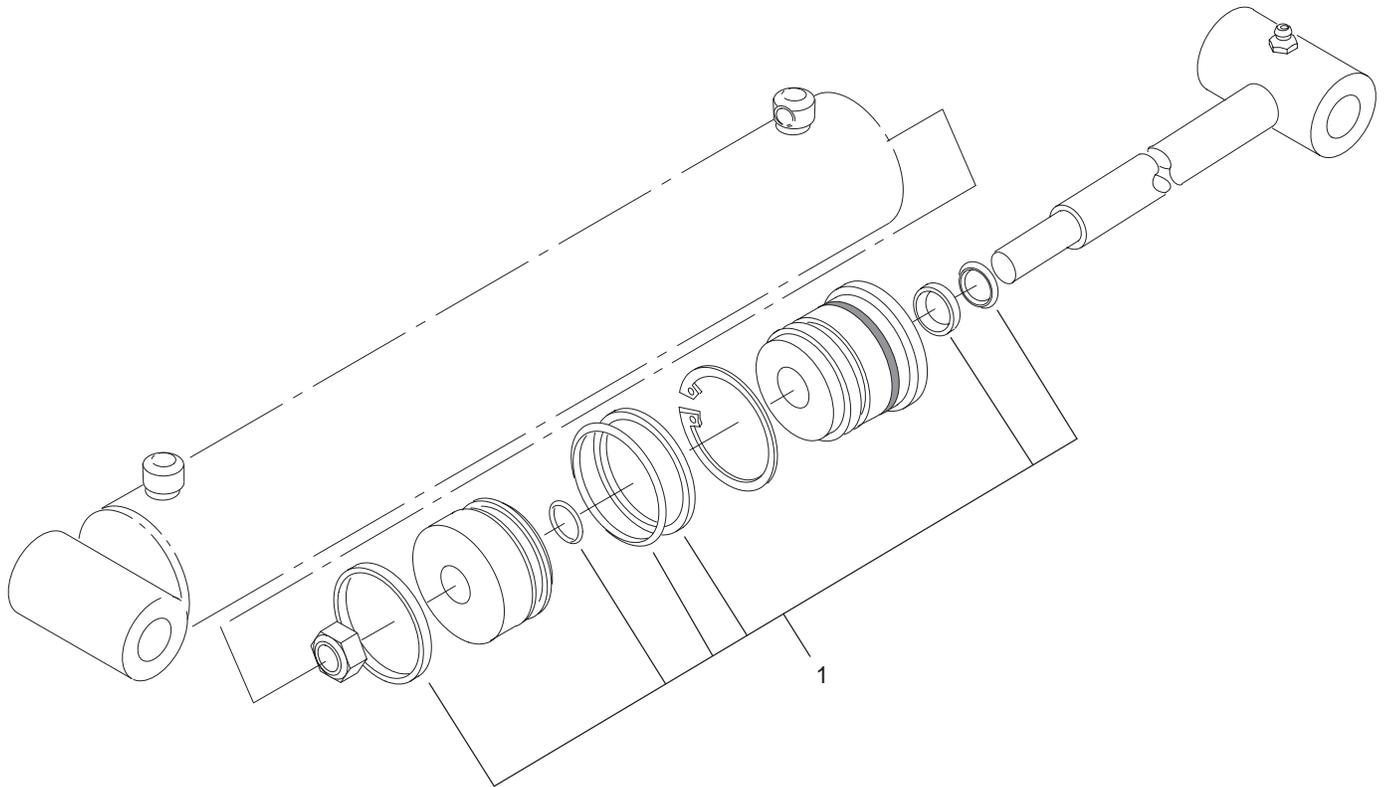


Sheet No.:A5
T-3618

Tilt Cylinder Assembly No. 95-3578

Ref. No.	Part No.	Qty.	Description
1	100-6107	1	Kit-Seal

Ref. No.	Part No.	Qty.	Description

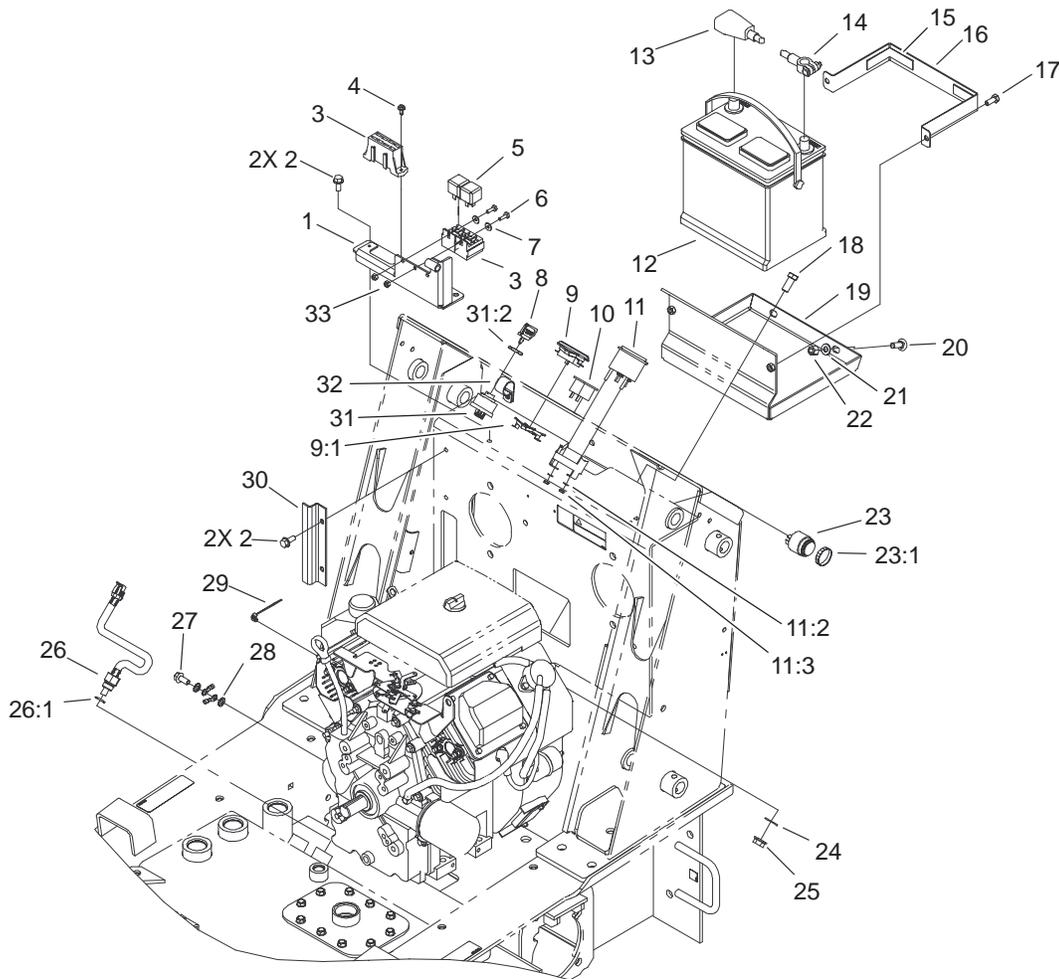


Sheet No.:A6
T-3619

Lift Cylinder Assembly No. 99-6162

Ref. No.	Part No.	Qty.	Description
1	100-6108	1	Kit-Seal

Ref. No.	Part No.	Qty.	Description



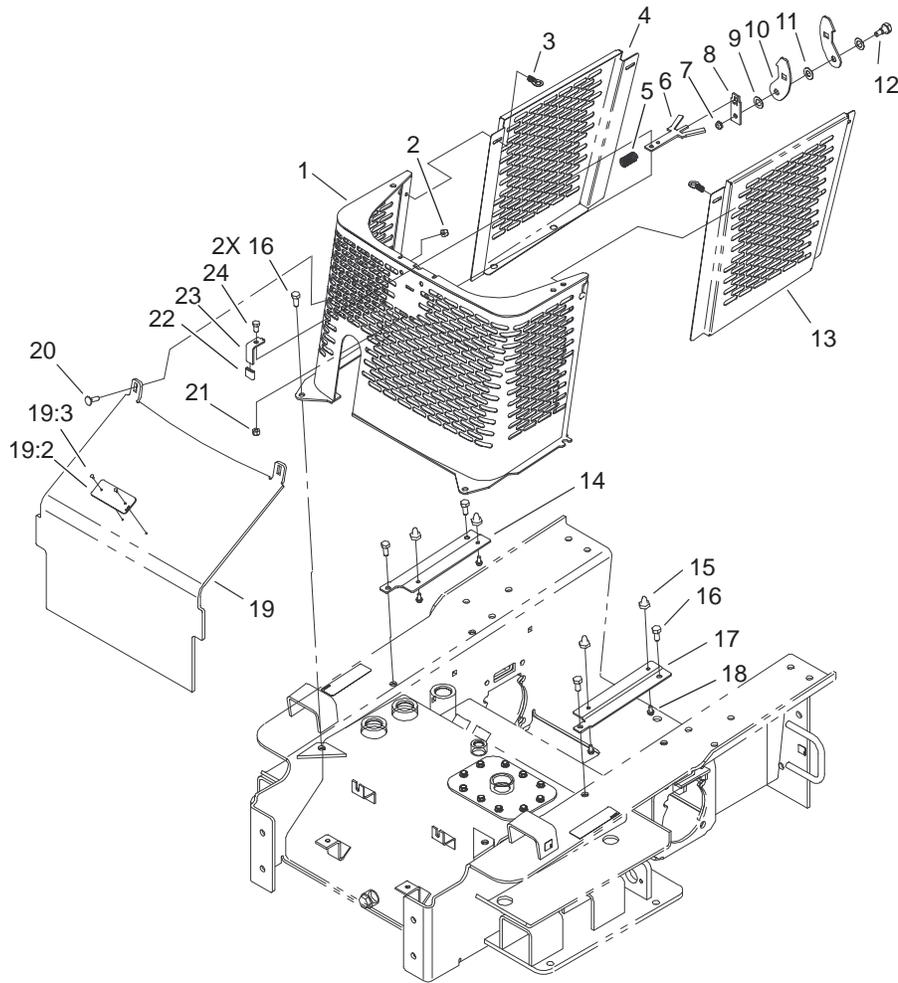
Sheet No.:17

Electrical System Assembly

Ref. No.	Part No.	Qty.	Description
1	100-1291-03	1	Fuse/Relay Bracket ASM
2	32144-70	4	Screw-HH
3	104-7412	1	Harness-Wire
*3:1	114594	1	Fuse-10 Amp
*3:2	109102	1	Fuse-25 Amp
*3:3	NN10277	1	Fuse-30 Amp
*3:4	109355	1	Fuse-15 Amp
4	12-5450	2	Screw Ev
5	98-7249	2	Relay
6	3290-134	2	Screw
7	3256-49	2	Washer-Flat
8	63-8360	1	Key-Ignition
9	104-7427	1	Hourmeter-Inductive, Round
9:1	104-4234	1	Clip-Mounting, Hourmeter
10	104-2839	1	Light-Temp, Oil
11	66-2940	1	Gauge-Fuel
11:2	3254-1	2	Washer-Lock, Internal
11:3	3217-27	2	Nut-Hex
12	104-9979	1	Battery (Dry)
13	99-6185	1	Cable-Battery, Positive
14	99-6186	1	Cable-Battery, Negative

Ref. No.	Part No.	Qty.	Description
15	94-9566	2	Pad-Foorest
16	98-2795-03	1	Bracket-Clamp, Battery
17	322-4	2	Screw-HH
18	324-4	2	Screw-HH
19	98-2793-03	1	Battery Tray ASM
20	3231-22	2	Screw-CARR
21	3256-38	2	Washer-Flat
22	3296-39	2	Nut-Lock, NI
23	80-9330	1	Alarm-Audio
23:1	104-5107	1	Nut-Plastic, Knurled
24	3256-4	2	Washer-Flat
25	32128-42	2	Nut-HF
26	98-2765	1	Sensor-Temperature, 225°
26:1	237-79	1	O-Ring
27	33104-020	1	Screw-HHF
28	3255-8	2	Washer-Lock/Ext
29	3290-381	1	Tie - Cable
30	100-6117-01	1	Shield-Wiring
31	88-9830	1	Key Switch ASM
31:2	218-461	1	Nut-HH
32	2412-39	1	R-Clamp
33	3296-2	2	Nut-Lock

* Not illustrated

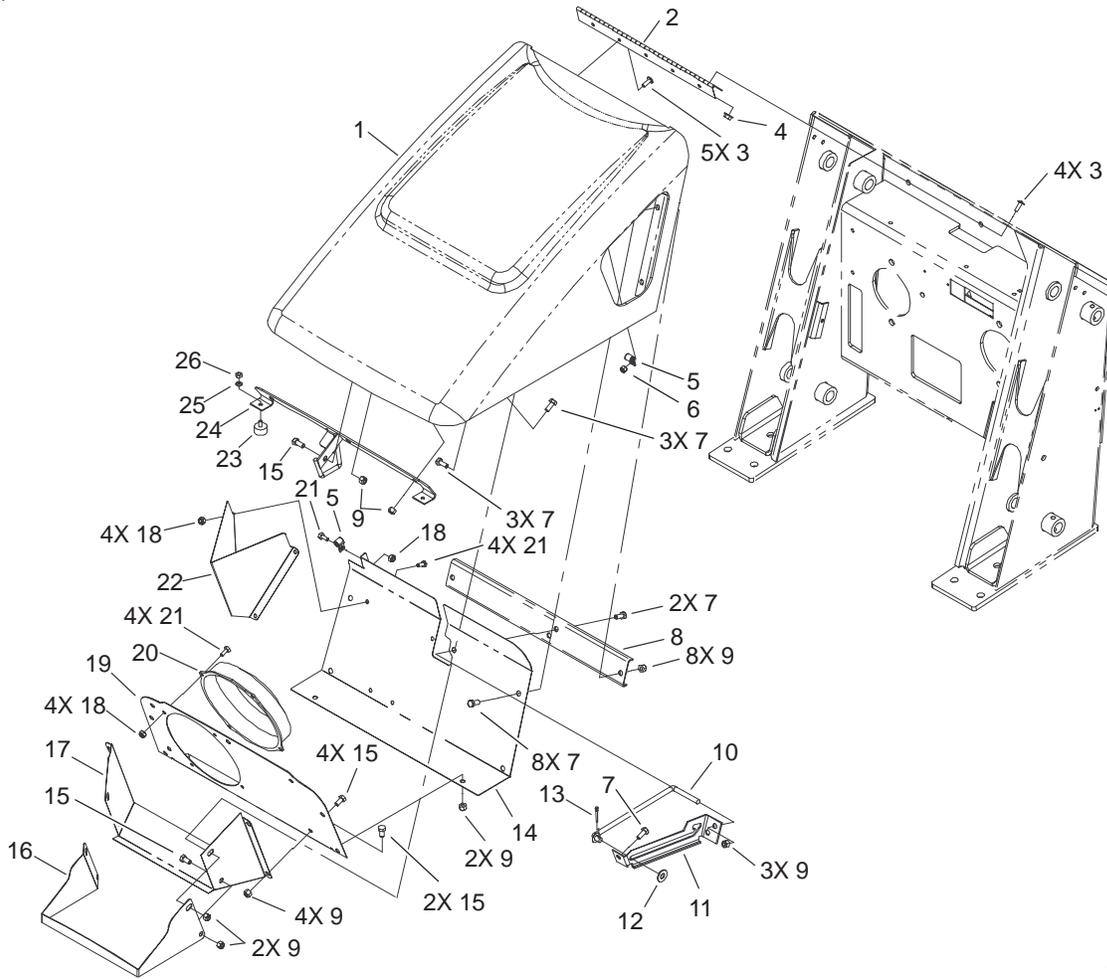


Sheet No.:18

Grill Assembly

Ref. No.	Part No.	Qty.	Description
1	100-1282-03	1	Grill ASM
2	3296-29	2	Nut-Lock NI
3	95-4013	2	Latch ASM
4	105-0380-03	1	Panel-Side, RH
5	100-6102	1	Spring-Compression
6	100-4226	1	Lever-Latch
7	3296-59	1	Nut-Lock NI
8	100-4225	1	Spacer-Latch
9	47-2910	1	Washer-Thrust
10	100-4224	2	Latch-Hood
11	257-10	2	Washer-Thrust
12	27-5240	1	Bolt-Shoulder
13	105-0379-03	1	Panel-Side, LH
14	100-1280-03	1	Support-Side Panel, RH
15	95-3989	4	Mount-Sidepanel
16	323-5	6	Screw-HH
17	100-1281-03	1	Support-Side Panel, LH
18	46-8093	4	Screw-Plastite
19	104-9985	1	Heat Shield ASM
19:2	80-8290	1	Plate-Surface, Hot
19:3	3269-31	2	Rivet-Pop
20	3230-28	2	Screw-CARR
21	3296-29	1	Nut-Lock NI
22	100-1655	1	Grip-Handle

Ref. No.	Part No.	Qty.	Description
23	100-4223	1	Handle-Latch
24	322-2	1	Screw-HH



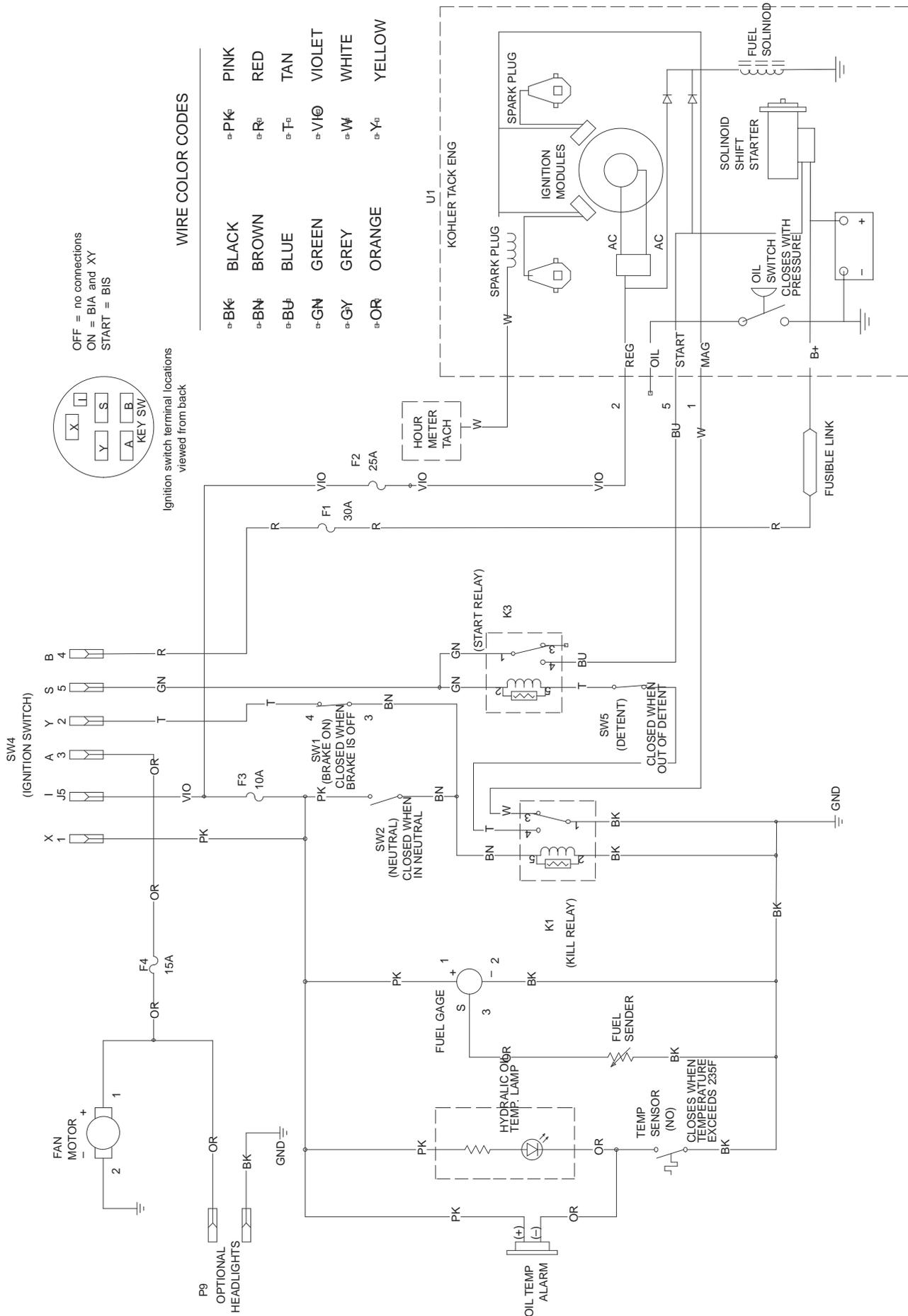
Sheet No.:20

Hood Assembly

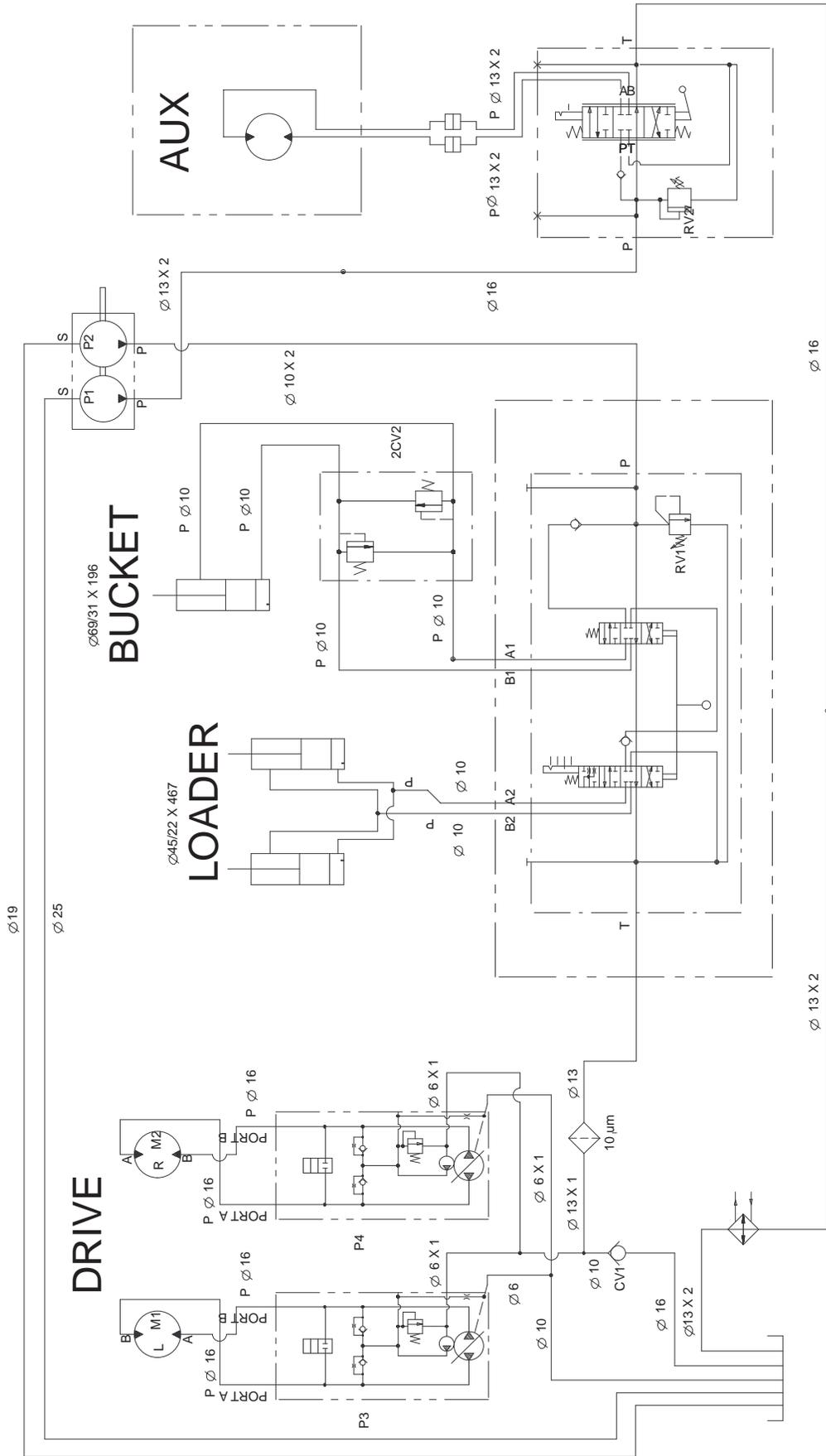
Ref. No.	Part No.	Qty.	Description
1	100-4222	1	Engine Hood ASM
2	100-1284	1	Hinge-Hood
3	9114604	9	Screw-Head, Truss
4	32128-33	4	Nut-HF
5	2412-91	2	Clamp
6	3296-42	5	Nut-Lock, NI
7	322-3	17	Screw-HH
8	100-4212-03	1	Support-Bracket, Rod/Hood
9	3296-29	25	Nut-Lock NI
10	100-4229	1	Rod-Support, Hood
11	100-1292-03	1	Bracket-Rod/Hood
12	3256-4	1	Washer-Flat
13	3272-11	1	Pin-Cotter
14	104-2815-03	1	Panel-Rack, Fan
15	322-2	8	Screw-HH
16	104-2813-03	1	Shroud-Fan, Front
17	104-2812-03	1	Shroud-Fan
18	3296-16	9	Nut-Lock, NI
19	104-2814-03	1	Plate-Baffle, Fan
20	104-2809	1	Fan-12v
21	321-3	9	Screw-HH
22	104-2811-03	1	Baffle-Fan
23	240-14	2	Bumper - Rubber
24	100-1297-03	1	Rod Latch ASM

Ref. No.	Part No.	Qty.	Description
25	3253-3	2	Washer-Lock
26	3217-5	2	Nut-Hex

Electrical Schematic

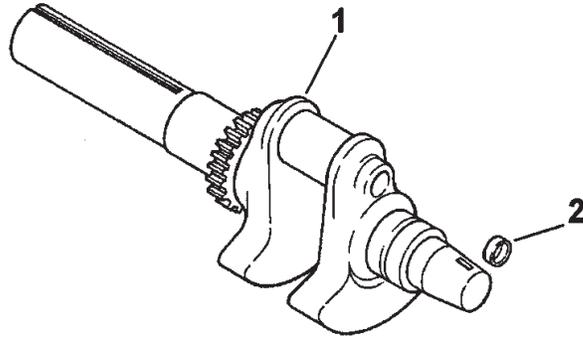


Hydraulic Schematic



DISPLACEMENT AND PRESSURE CHART				
COMPONENT	DISPLACEMENT	PRESSURE	FLOWRATE*	
CU IN/REV	CU CM/REV	PSI	BARS	GPM
*P1	0.73	12 CC	11.2	42.4
*P2	0.36	6.0 CC	5.5	21.0
M1, M2	32.3	CU IN	528	CC
**P3, P4	0-1.28	CU IN	17	64
RV1		2400	PSI	166
RV2		3000	PSI	207
CV1		5	PSI	.35
2CV2		3000	PSI	207

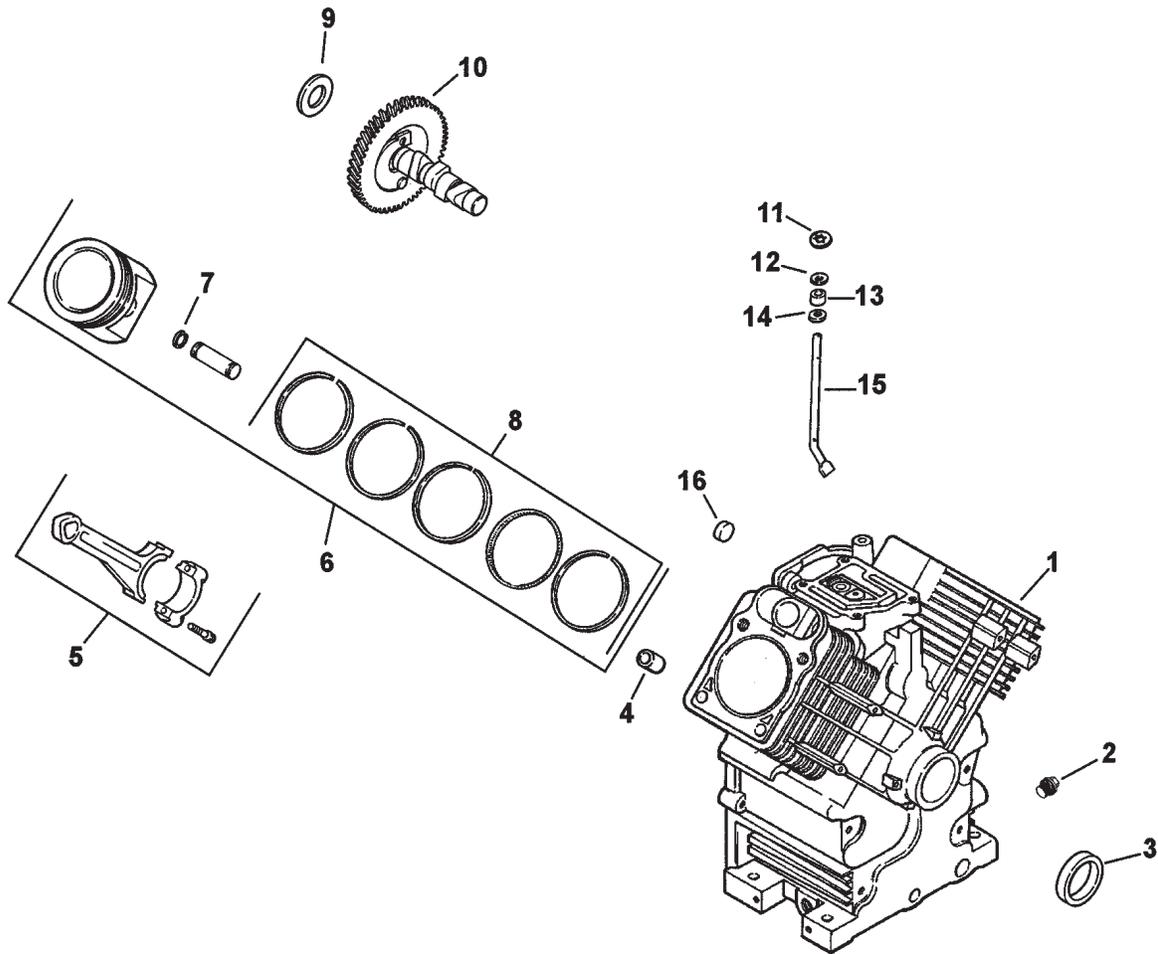
* FLOWRATE CALCULATED AT 3600 RPM AND 98% EFFICIENCY.
 ** FLOWRATE CALCULATED AT 3100 RPM AND 98% EFFICIENCY.



Crankshaft Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description
1	24 014 90-S	1	Crankshaft ASM (Includes 2)
2	52 139 09-S	1	Plug-Cup

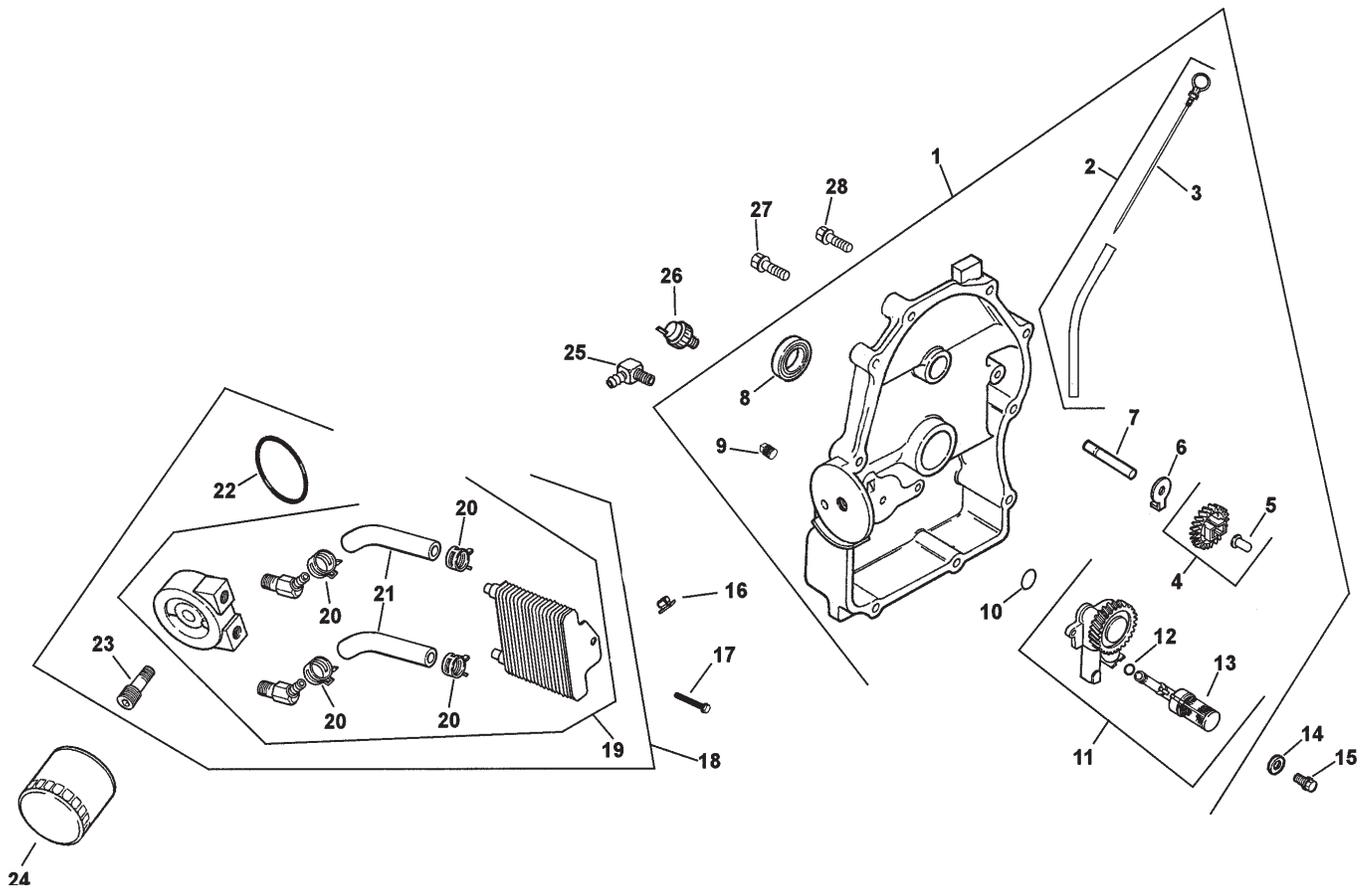
Ref. No.	Part No.	Qty.	Description



Crankcase Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 561 138-S	1	Kit-Crankcase (Includes 2, 4, 16, & 24 113 56-S)	14	24 468 15-S	1	Washer (bottom)
2	25 139 57-S	2	Plug	15	24 144 33-S	1	Shaft-Cross, Governor
3	24 032 01-S	1	Seal-Oil, Front	16	52 139 09-S	1	Plug-Cup
4	24 380 13-S	6	Pin-Dowel, Locating	*	24 113 56-S	1	Decal
5	24 067 13-S	2	Rod-Connecting (Std.)				
	24 067 14-S	2	Rod-Connecting (.25)				
6	24 874 06-S	2	Piston w/Ring Set (Std.) (Includes 7, 8)				
7	24 018 01-S	4	Retainer-Pin, Piston				
8	24 108 04-S	2	Set-Ring (Std.)				
9	12 422 09-S	AR	Shim-Camshaft				
	12 422 13-S	AR	Shim-Camshaft				
	12 422 07-S	AR	Shim-Camshaft				
	12 422 08-S	AR	Shim-Camshaft				
	12 422 10-S	1	Shim-Camshaft				
	12 422 11-S	AR	Shim-Camshaft				
	12 422 12-S	AR	Shim-Camshaft				
10	24 012 10-S	1	Camshaft				
11	24 018 09-S	1	Ring-Retainer				
12	M-931010-S	1	Washer-Nylon (top)				
13	28 032 09-S	1	Seal-Governor, Cross Shaft				

* Not illustrated

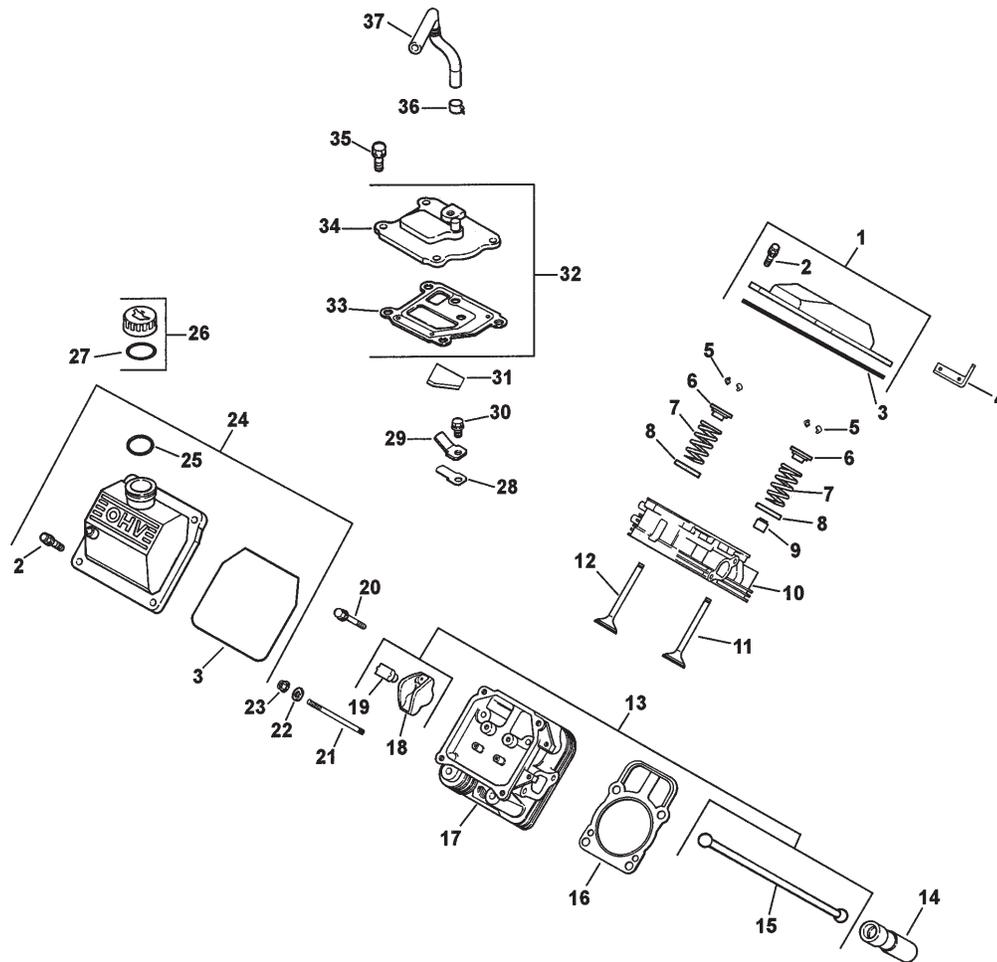


Oil Pan/Lubrication Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description
1	24 009 92-S	1	Kit-Plate, Closure (Includes 2-13)
2	24 755 121-S	1	Kit-Dipstick & Tube (Includes 3)
3	24 038 10-S	1	Dipstick
4	24 043 12-S	1	Kit-Gear, Governor (w/pin) (Includes 5)
5	12 380 01-S	1	Pin-Regulating, Governor
6	52 448 02-S	1	Tab-Locking
7	12 144 02-S	1	Shaft-Gear, Governor
8	52 032 08-S	1	Seal-Oil (PTO end)
9	25 139 60-S	2	Plug-Pipe, Allen Head
10	24 153 08-S	1	O-Ring
11	24 393 10-S	1	Oil Pump ASM (Includes 12, 13)
12	24 153 01-S	1	O-Ring-Pick-up, Oil
13	24 381 04-S	1	Pick-up, Oil
14	M-631005-S	2	Washer-Plain
15	M-645025-S	2	Screw-HF
16	24 100 01-S	2	Nut-Plastic
17	24 086 12-S	2	Screw

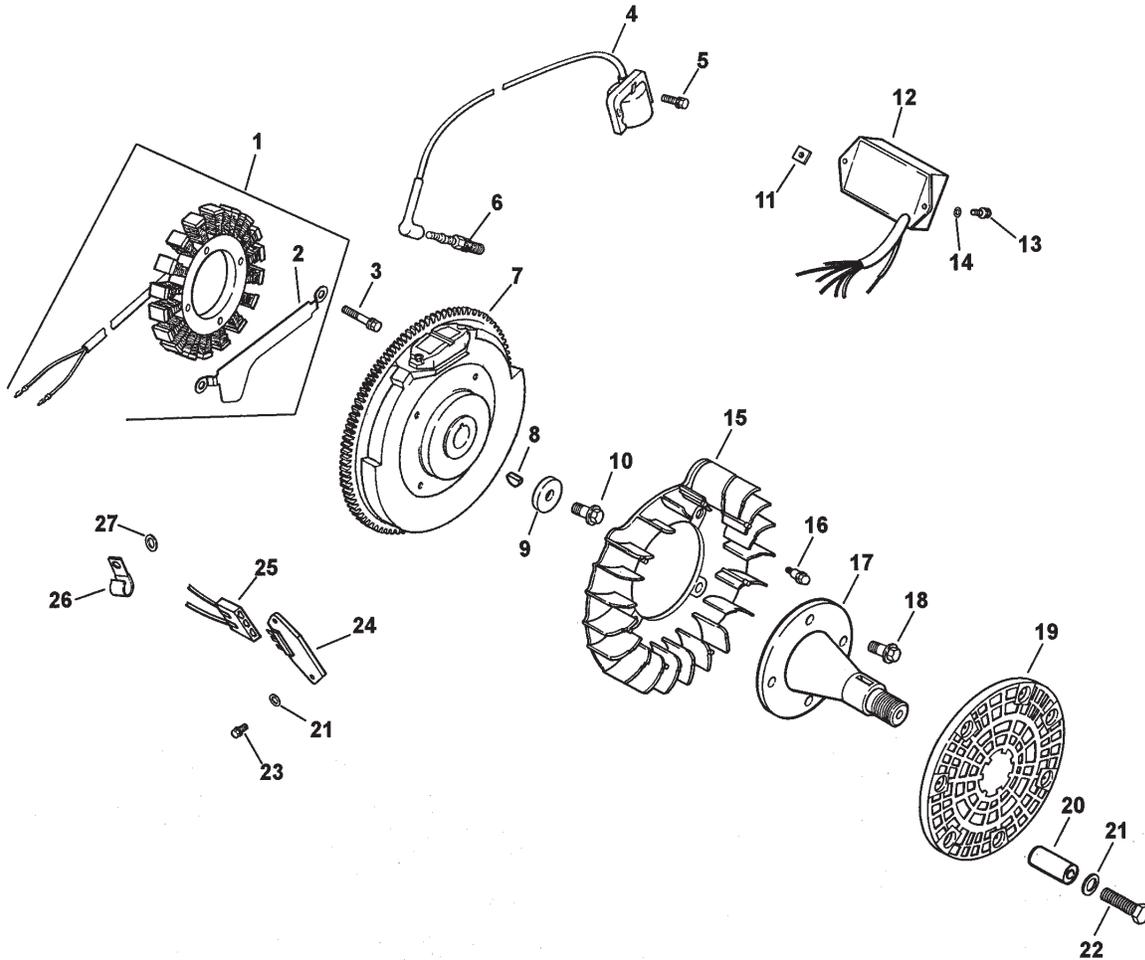
Ref. No.	Part No.	Qty.	Description
18	54 755 21-S	1	Kit-Oil Cooler, Aluminum Base (Includes 19-23)
19	24 594 09-S	1	Cooler-Oil (Includes 20, 21)
20	24 237 10-S	4	Clamp-Hose
21	24 326 15-S	2	Hose
22	24 153 13-S	1	O-Ring
23	28 136 01-S	1	Nipple-Filter, Oil
24	52 050 02-S	1	Filter-Oil
25	25 155 02-S	1	Connector
26	24 099 03-S	1	Switch-Pressure, Oil
27	24 086 16-S	9	Screw-HF
28	24 086 17-S	1	Screw-HF
*	24 113 25-S	1	Decal-Cooler, Oil

* Not illustrated



Head/Valve/Breather Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 755 74-S	1	Kit-Valve Cover, Plain (Includes 2, 3)	21	24 072 09-S	8	Stud
2	24 086 32-S	4	Screw-Shoulder	22	24 468 16-S	8	Washer-Flat
3	24 153 16-S	1	O-Ring	23	24 100 10-S	8	Nut-HF
4	24 445 01-S	1	Strap-Lifting	24	24 755 75-S	1	Kit-Valve Cover, Oil Fill (Includes 2, 3, 25)
5	12 755 03-S	4	Kit-Retainer	25	24 153 09-S	1	O-Ring
6	12 173 01-S	4	Cap-Spring, Valve	26	24 755 46-S	1	Kit-Cap, Oil Fill (Includes 27)
7	24 089 02-S	4	Spring-Valve	27	12 153 03-S	1	O-Ring-Cap, Oil Fill
8	235011-S	4	RetainerSpring	28	24 402 03-S	1	Reed-Breather
9	24 032 05-S	2	Seal-Stem, Valve	29	12 018 01-S	1	Retainer-Reed, Breather
10	24 318 65-S	1	#1 Cylinder Head ASM	30	M-545010-S	1	Screw-HF
11	24 017 01-S	2	Valve-Intake (Std.)	31	24 050 01-S	1	Filter-Breather
	24 017 02-S	2	Valve-Intake (.25)	32	24 033 01-S	1	Kit-Breather (Includes 33, 34)
12	24 016 01-S	2	Valve-Exhaust (Std.)	33	24 041 23-S	1	Gasket-Breather
	24 016 02-S	2	Valve-Exhaust (.25)	34	24 096 58-S	1	Cover-Breather
13	24 755 66-S	1	Kit-Train, Valve (Includes 15, 18, 19)	35	M-645020-S	4	Screw-HF
14	25 351 01-S	4	Lifter-Valve	36	25 237 14-S	1	Clamp-Breather
15	24 411 05-S	4	Rod-Push	37	24 326 26-S	1	Hose-Breather
16	24 041 37-S	2	Gasket-Head, Cylinder				
17	24 318 66-S	1	#2 Cylinder Head ASM				
18	25 186 01-S	4	Arm-Rocker				
19	24 599 01-S	4	Pivot-Arm, Rocker				
20	M-640034-S	4	Screw-HF				

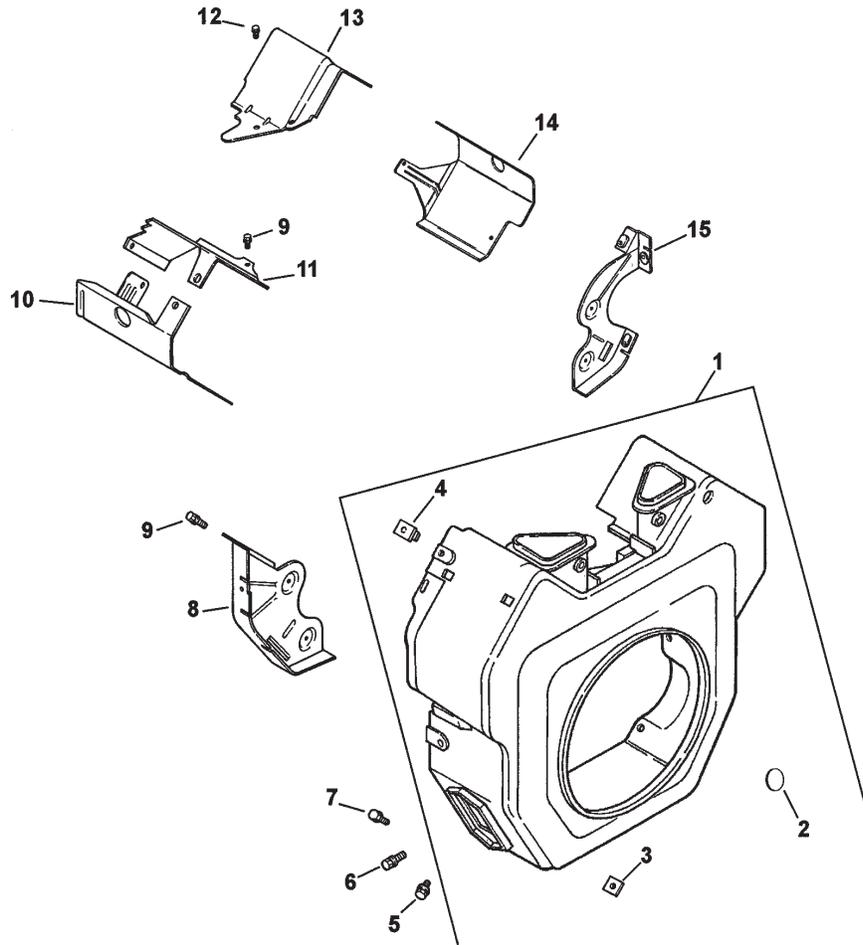


Ignition/Electrical Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description
1	54 755 09-S	1	Kit-Stator, 15 Amp (Includes 2)
2	24 126 71-S	1	Bracket-Wire, Stator
3	M-548025-S	2	Screw
4	24 584 15-S	2	Module-Ignition
5	M-561025-S	4	Screw-HSH
6	12 132 06-S	2	Plug-Spark
7	24 025 14-S	1	Flywheel
8	X-42-15-S	1	Key
9	12 468 03-S	1	Washer-Plain
10	12 086 14-S	1	Screw-HF
11	24 100 02-S	2	Nut-Plastic
12	24 584 09-S	1	Module-Advance, Speed
13	24 086 41-S	2	Screw-Head, Phillips
14	X-22-11-S	1	Washer-Lock
15	24 157 03-S	1	Fan
16	25 086 47-S	4	Bolt-Shoulder
17	24 144 13-S	1	Shaft-Drive, Front
18	M-839025-S	4	Screw-HF
19	24 162 18-S	1	Screen-Grass
20	24 112 04-S	4	Spacer
21	X-25-92-S	6	Washer-Plain
22	M-403025-S	4	Screw

Ref. No.	Part No.	Qty.	Description
23	24 086 18-S	2	Screw-Head, Phillips
24	25 403 03-S	1	Rectifier-Regulator, 15 amp
25	236602-S	1	Connector
26	47 154 01-S	1	Clip-Cable
27	X-25-63-S	1	Washer-Plain
*	24 176 42-S	1	Harness-Wiring
*	24 518 12-S	1	Lead-Black (5" - 12 gauge, insulated grip barrel eyelet terminals)
*	25 454 03-S	2	Tie
*	25 086 91-S	2	Screw (mounts 5 wire connector of wiring harness to barrel baffle above starter)

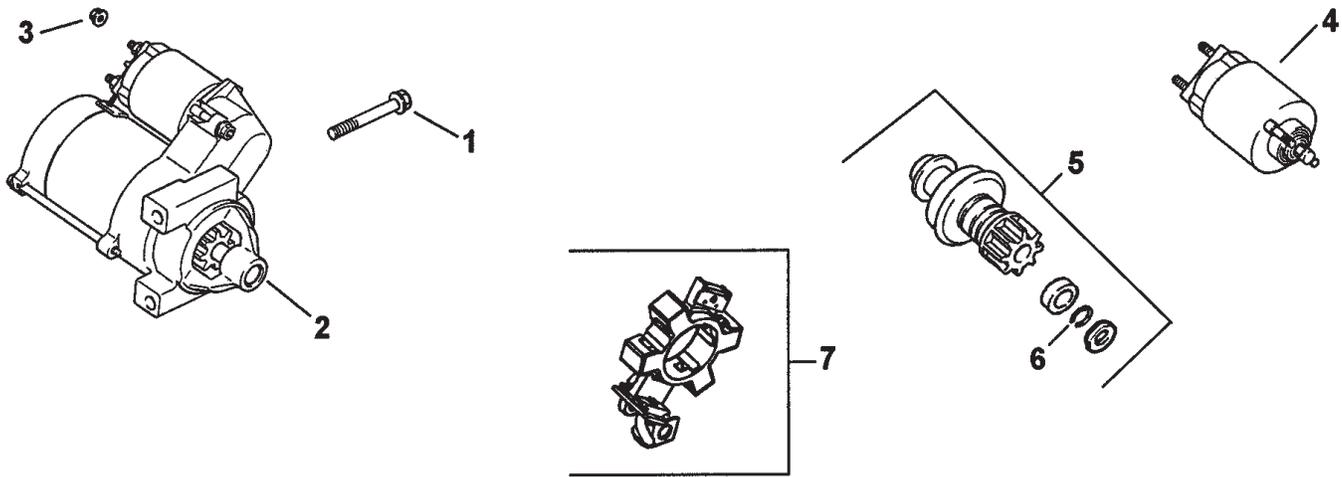
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Blower Housing and Baffles Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 027 53-S	1	Blower Housing ASM (Includes 2-4)				
2	25 139 16-S	1	Plug-Button				
3	24 100 01-S	2	Nut-Plastic				
4	24 100 02-S	2	Nut-Plastic				
5	M-551016-S	1	Screw-HF				
6	M-545016-S	2	Screw-HF				
7	M-545020-S	4	Screw-HF				
8	24 146 19-S	1	Plate-Backing, #2 side				
9	M-645016-S	6	Screw-HF				
10	24 063 39-S	1	Baffle-Cylinder Barrel, #2 side				
11	24 063 17-S	1	Baffle-Valley, #2 side				
12	M-545010-S	2	Screw-HF				
13	24 063 24-S	1	Baffle-Valley, #1 side				
14	24 063 58-S	1	Baffle-Cylinder Barrel, #1 side				
15	24 146 20-S	1	Plate-Backing, #1 side				
*	24 113 97-S	1	Decal, HP				

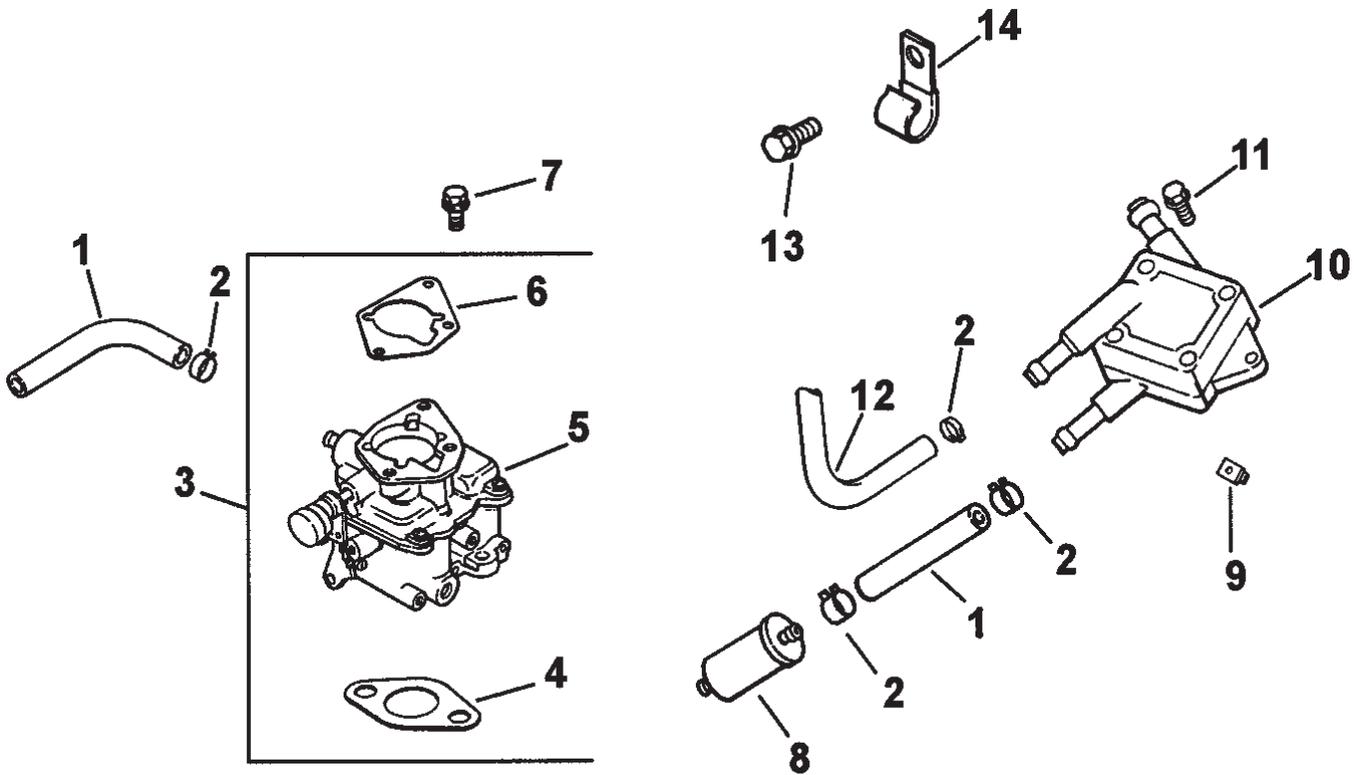
* Not illustrated



Starting System Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description
1	M-839080-S	2	Screw-HF
2	25 098 08-S	1	Solenoid Shift Starter ASM (Includes 4-7)
3	M-841080-S	1	Nut-HF
4	25 435 04-S	1	Kit-Solenoid
5	25 755 33-S	1	Kit-Drive, Pinion (Includes 6)
6	25 141 05-S	1	Ring
7	25 221 01-S	1	Kit-Brush

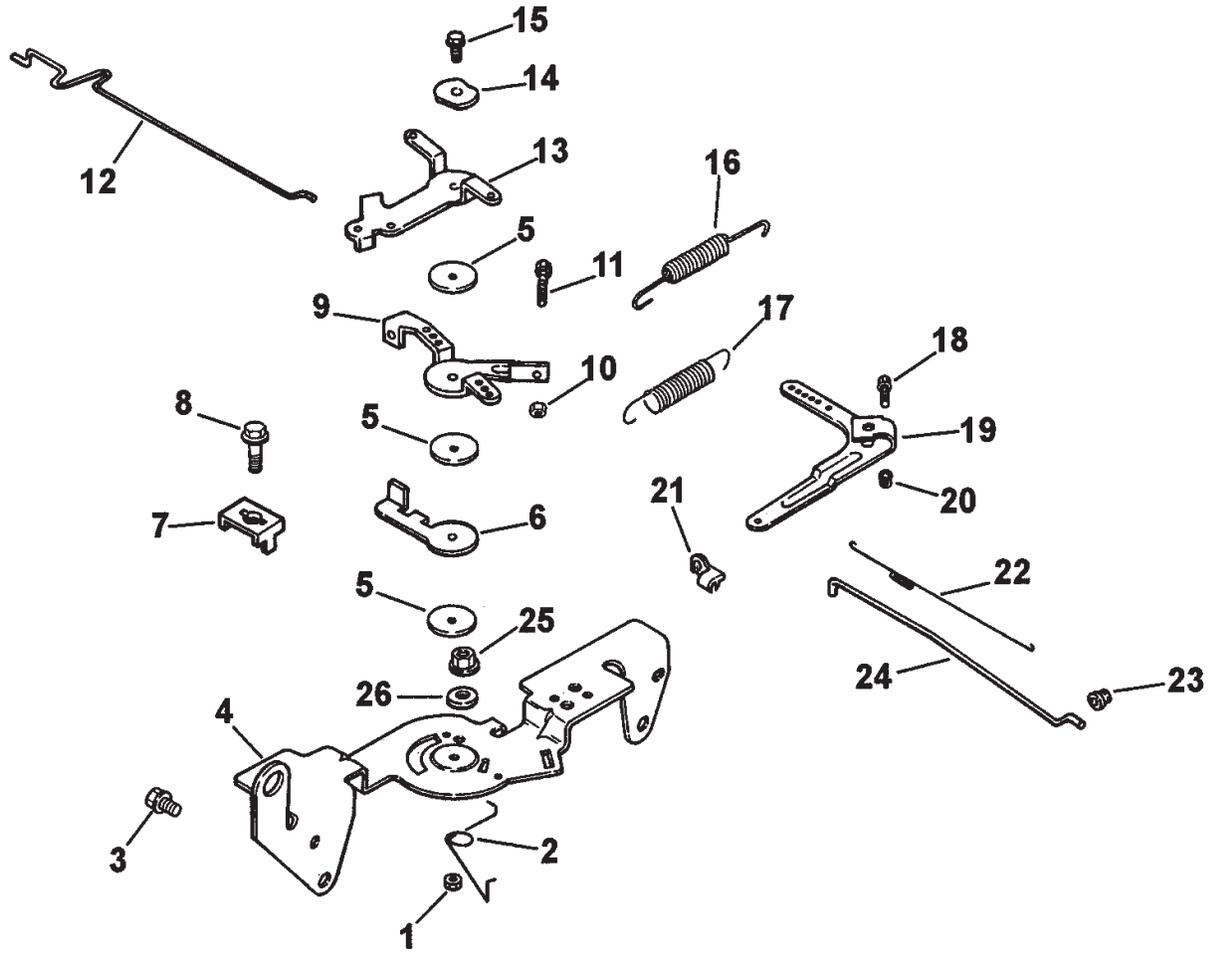
Ref. No.	Part No.	Qty.	Description



Fuel System Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	25 353 32-S	2	Line-Fuel, 9-1/4"	13	M-650012-S	1	Screw-HF
2	25 237 14-S	6	Clamp-Hose	14	47 154 01-S	1	Clip-Cable
3	24 853 34-S	1	Kit-Carburetor (w/gasket) (Includes 4-6)	*	24 757 01-S	1	Kit-Solenoid
4	24 041 06-S	1	Gasket-Cleaner, Air	*	24 757 02-S	1	Kit-Float
5	24 053 34	1	Carburetor ASM (For information only, not available separately) (Service with: 24 757 01-S, 24 757 02-S, 24 757 03-S, 24 757 08-S, 24 757 07-S, 24 757 09-S)	*	24 757 03-S	1	Kit-Repair, Carburetor
6	24 041 17-S	1	Gasket-Carburetor	*	24 757 07-S	1	Kit-Repair, Choke
7	M-651030-S	2	Screw-HF	*	24 757 08-S	1	Kit-Repair, Accelerator Pump Seal & Bushing
8	24 050 02-S	1	Filter-Fuel	*	24 757 09-S	1	Kit-Repair, Accelerator Pump Diaphragm
9	24 100 01-S	2	Nut-Plastic				
10	24 393 16-S	1	Pump-Fuel, Pulse				
11	24 086 12-S	2	Screw				
12	24 353 02-S	1	Line-Fuel, 15-1/2"				

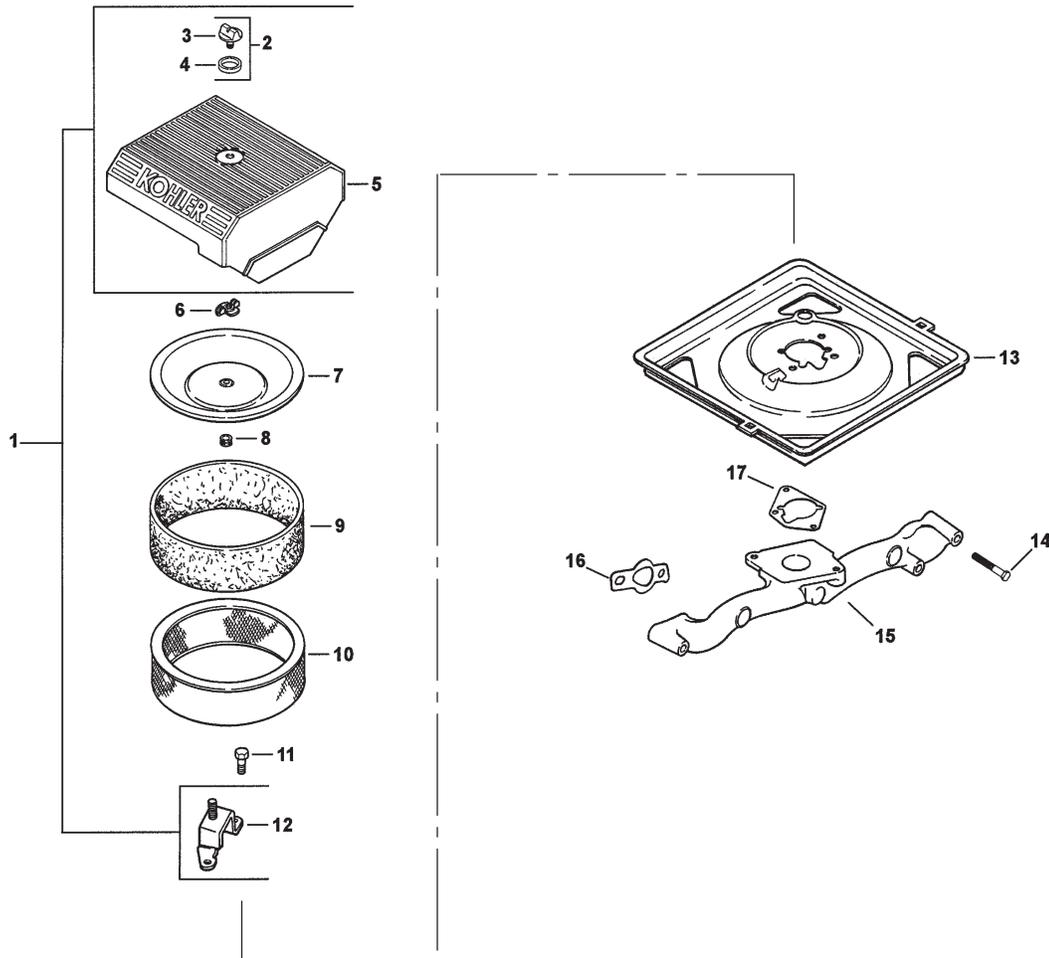
* Not illustrated



Engine Controls Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description
1	M-547050-S	1	Nut-Lock, Hex
2	24 089 03-S	1	Spring-Return, Choke
3	M-645016-S	4	Screw-HF
4	24 126 56-S	1	Bracket-Control
5	24 468 01-S	3	Washer-Plain
6	24 090 07-S	1	Lever-Actuator, Throttle
7	12 237 01-S	2	Clamp-Cable
8	M-545016-S	3	Screw-HF
9	24 090 03-S	1	Lever-Control, Throttle
10	M-446030-S	1	Nut-HF
11	M-401030-S	1	Screw-HF
12	24 079 02-S	1	Linkage-Choke
13	24 090 05-S	1	Lever-Choke
14	41 468 03-S	1	Washer-Spring
15	M-545020-S	1	Screw-HF
16	24 089 51-S	1	Spring-Limiter, Throttle
17	24 089 44-S	1	Spring-Governor
18	24 211 03-S	1	Bolt-Square Neck, Round Head
19	24 090 33-S	1	Lever-Governor
20	M-641060-S	1	Nut-HF
21	25 158 11-S	1	Bushing-Retaining, Linkage

Ref. No.	Part No.	Qty.	Description
22	24 089 01-S	1	Spring-Linkage
23	25 158 08-S	1	Bushing-Linkage, Throttle
24	24 079 01-S	1	Linkage-Throttle
25	M-541050-S	1	Nut-HF
26	X-20-1-S	1	Washer-Lock



Air Intake and Filtration Assembly Kohler Engine CH25S PS-68688

Ref. No.	Part No.	Qty.	Description
1	24 743 05-S	1	Kit-Cover, Air Cleaner (Includes 2-4, 12)
2	54 755 01-S	1	Kit-Knob w/seal (Includes 3, 4)
3	25 341 03-S	1	Knob-Cover
4	24 153 20-S	1	O-Ring-Knob, Cover
5	24 096 67-S	1	Cover-Cleaner, Air
6	12 100 01-S	1	Nut-Wing
7	24 096 01-S	1	Cover-Air Cleaner, Inner
8	230046-S	1	Seal
9	24 083 05-S	1	Precleaner
10	24 083 03-S	1	Element
11	M-645016-S	3	Screw-HF
12	24 126 88-S	1	Bracket-Cleaner, Air
13	24 094 11-S	1	Base-Cleaner, Air
14	25 086 84-S	4	Screw-HF
15	24 164 14-S	1	Manifold-Intake
16	24 041 01-S	2	Gasket-Manifold, Intake
17	24 041 06-S	1	Gasket-Base, Air Cleaner

Ref. No.	Part No.	Qty.	Description

