



Dingo[®] 322 Compact Utility Loader

Model No. 22305 – 991008 & Up

Parts Catalog

ORDERING REPLACEMENT PARTS

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

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Note:

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

Service Assemblies

Parts within service assemblies have reference numbers in the form X:Y. X is the reference number of the service assembly and Y is a sequential number unique to each part within the service assembly.

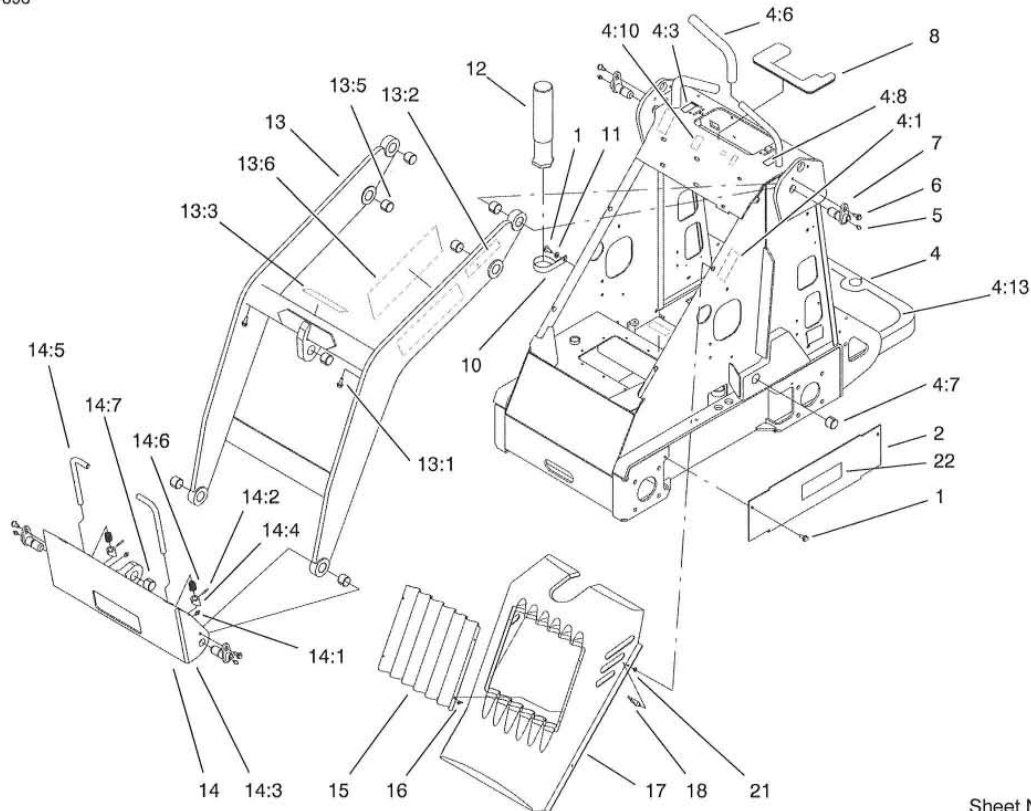
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually.

Reference numbers of this type appear in part lists and as callouts in illustrations.

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form *X (Y)*. *X* is the reference number. *Y* in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

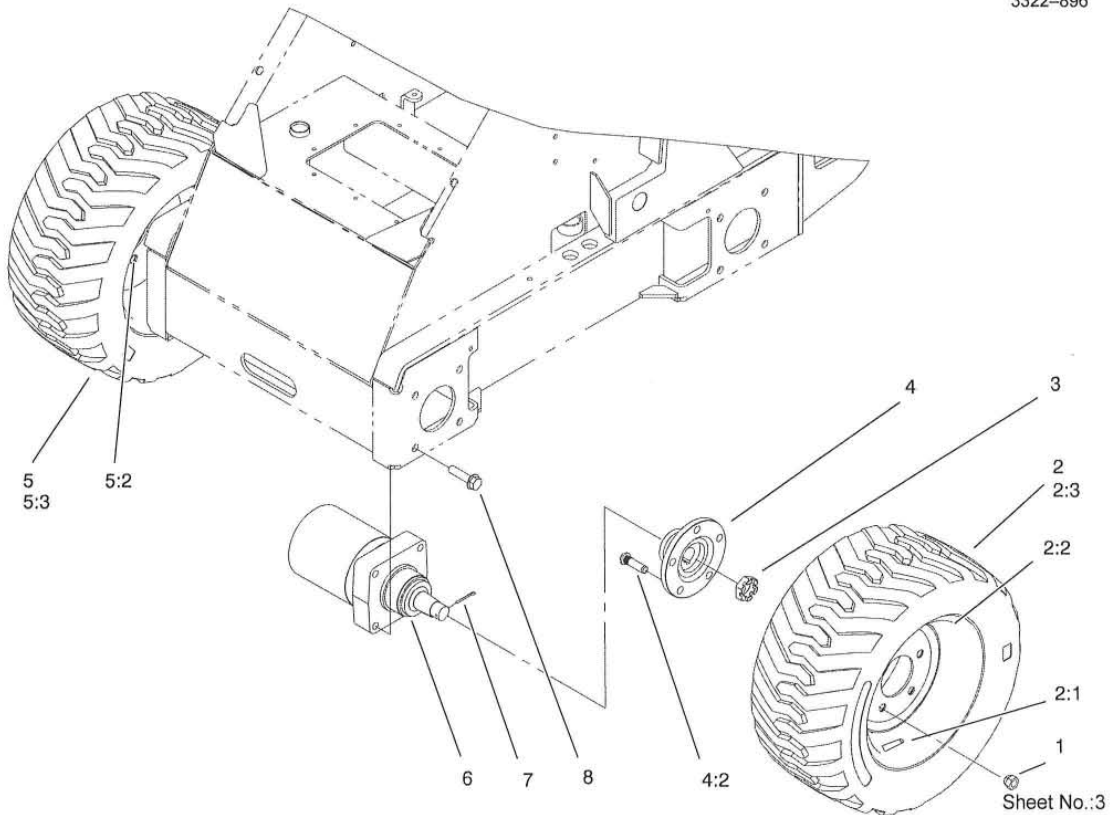


Sheet No.:2

Frame And Loader Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	32144-70	10	Screw-HH
2	99-3020	2	Cover - Hose
4	99-3145	1	Frame & Decal ASM
4:1	80-8010	2	Warning-Keep Hands Away
4:3	94-2551	1	Decal - Choke
4:6	98-4845	2	Grip - Cushion
4:7	98-4871	2	Bushing - Tension
4:8	98-8219	1	Decal - Throttle
4:10	98-8235	1	Decal - Selector
4:13	98-9947	2	Tread - Foot
5	302-5	10	Fitting-Lube
6	99-5105	10	Shoulder Screw
7	99-1414	10	Pin-Pivot
8	99-3155	1	Cover - Valve
10	2412-133	1	R-Clamp
11	3256-23	12	Washer-Flat
12	74-0720	1	Tube-Manual
13	99-1354	1	Loader & Decal ASM
13:1	32144-70	2	Screw-Taptite
13:2	80-8010	4	Warning-Keep Hands Away
13:3	98-4682	1	Decal - Caution
13:5	98-4871	7	Bushing - Tension
13:6	98-9051	1	Decal - Danger
14	98-4690	1	Quick Attach ASM

Ref. No.	Part No.	Qty.	Description
14:1	302-5	2	Fitting-Lube
14:2	32121-94	2	Special Pin
14:3	98-4691-03	1	Mount-Quick Attach
14:4	98-4692	2	Cam-Quick Attach
14:5	98-4693	2	Pin-Quick Attach
14:6	98-4694	2	Spring - Compression
14:7	98-4871	1	Bushing - Tension
15	99-3147	1	Grille - Screen
16	32144-111	8	Screw-Plask
17	99-3137	1	Cover - Hood
18	74-5950	4	Latch - Swell
21	99-3058	4	Washer
22	99-3068	2	Decal-4-PAW



Wheel And Motor Assembly

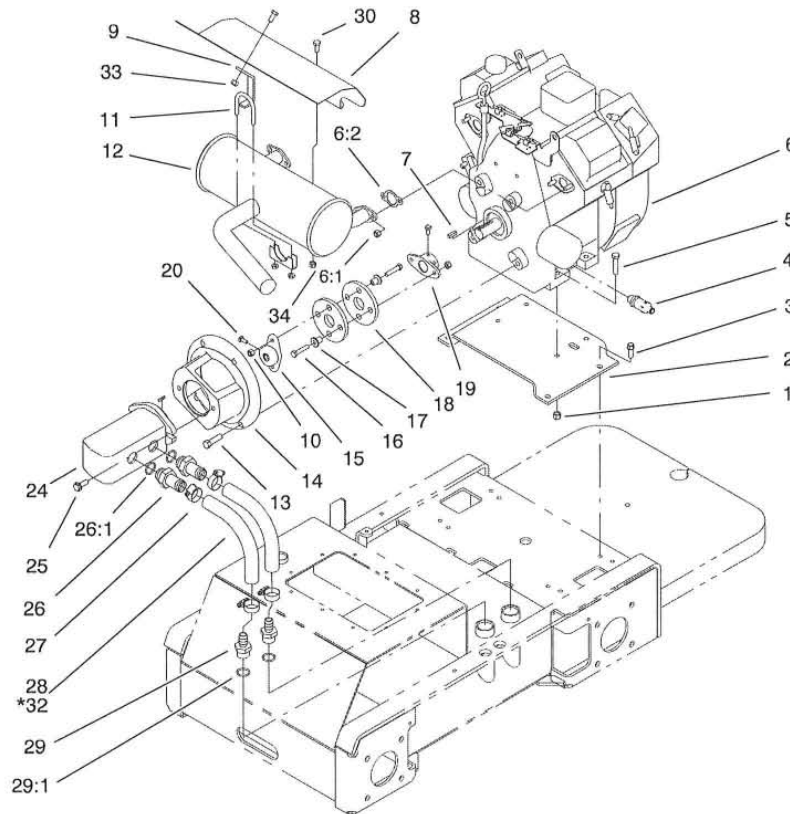
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	242-50	20	Lug Nut				
2	98-2747	2	LH Wheel & Tire ASM				
2:1	232-27	1	Stem-Valve				
2:2	98-2748	1	Wheel				
2:3	98-2749	1	Tire				
3	99-3139	4	Nut - Wheel Motor				
4	99-3064	4	Hub ASM				
4:2	10-6830	5	Stud-Drive Type				
5	99-1447	2	RH Wheel & Tire ASM				
*5:1	232-27	1	Stem-Valve				
5:2	98-2748	1	Wheel				
5:3	98-2749	1	Tire				
6	99-3052	4	Hydraulic Motor ASM				
*6:1	94-8178	1	Seal Kit-Hyd. Motor				
*6:2	99-3090	1	Shaft-Coupling				
*6:3	99-3091	7	Screw-HH				
*6:4	3257-42	1	Key-Woodruff				
7	99-3171	4	Pin - Cotter				
8	3234-27	16	Screw-Flange				

* Not illustrated

Hydraulic Motor Assembly No. 99-3052

Ref. No.	Part No.	Qty.	Description

3

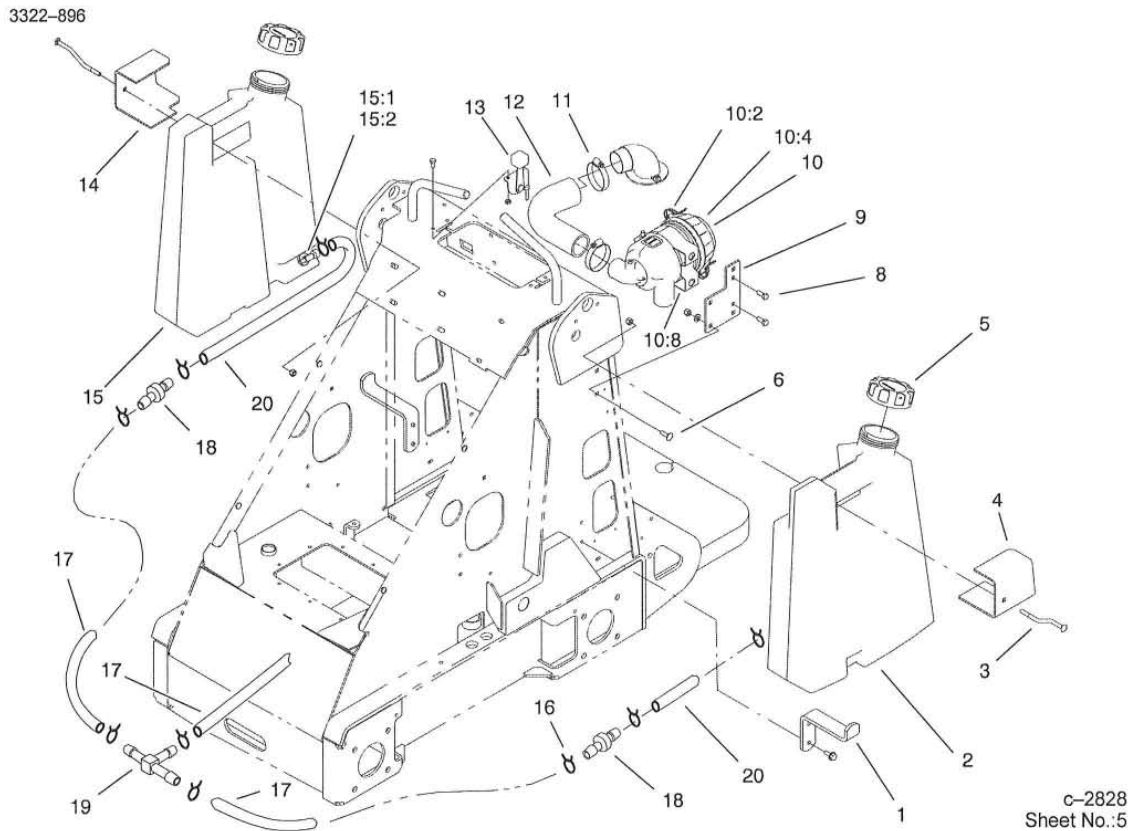


Sheet No.:4

Engine And Pump Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3296-39	4	Nut-Lock Ni	24:1	98-4700	1	Key-Square
2	98-4666-03	1	Mount - Engine	*24:2	99-1353	1	Seal Kit - Pump
3	95-1726	4	Screw-Taptite w/Patch	25	66-9300	2	Screw-Flange
4	92-6877	1	Valve - Oil Drain	26	99-3017	2	Fitting
5	323-9	4	Screw-HH	26:1	237-81	1	O-Ring
6		1	Engine - Kohler 22hp CH22S PS-66557	27	2412-111	6	Hose Clamp
6:1	92-6780	4	Nut-HH F/W Engine	28	99-3178	2	Hose - Hydraulic Suction
6:2	93-0350	2	Gasket-Exhaust F/W Engine	29	354-78	2	Connector-Hose
7	10-7070	1	Square Key	29:1	237-146	1	O Ring
8	99-3136	1	Shield - Muffler	30	3234-33	6	Screw-HHF
9	99-3138	1	Support - Shield	*31	98-4667	1	Hose - Drain, Oil
10	3296-29	21	Nut-Lock Ni	*32	99-3059	2	Spring-Compression
11	2112-9	1	Clamp	33	32152-1	1	Nut-Conelock
12	100-1711	1	Muffler-Kohler 22	34	32152-4	2	Nut-Conelock
13	324-6	4	Screw-HH				
14	98-2751-03	1	Mount-Pump				
15	98-4701	1	Hub - Pump, 5/8				
16	322-7	4	Screw-HH				
17	71-4411	4	Spacer				
18	44-2230	2	Coupling-Rubber				
19	27-1960	1	Hub-Engine				
20	3241-5	4	Setscrew				
24	98-4702	1	Pump - Gear, Tandem				

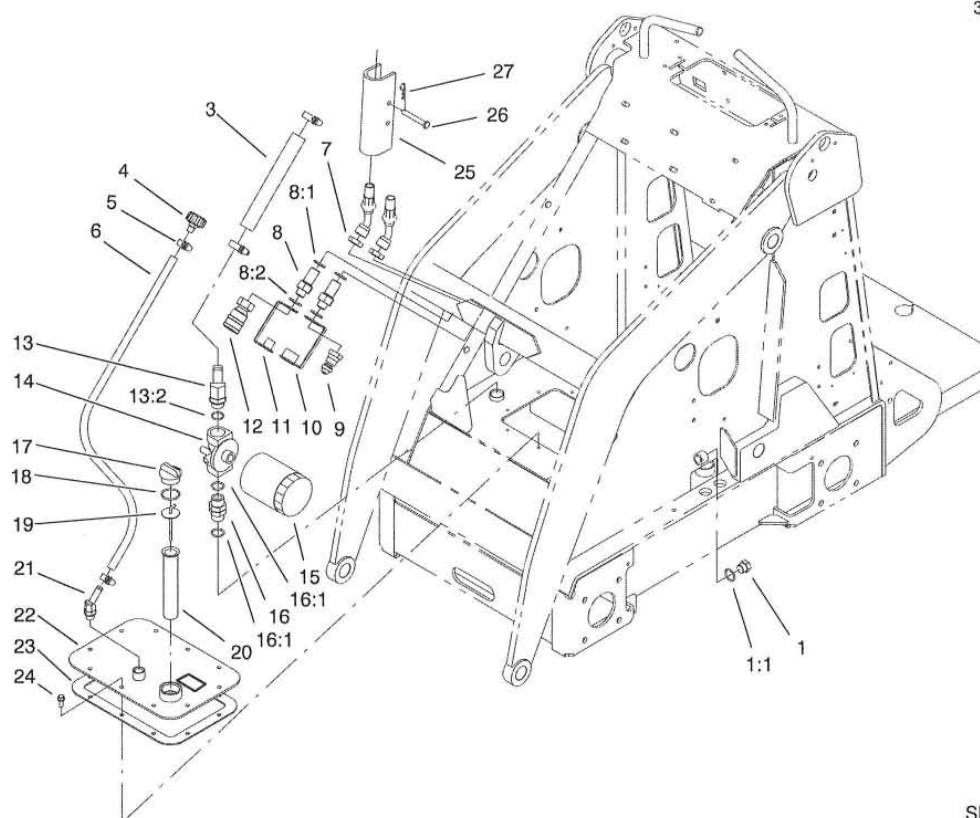
* Not illustrated



Fuel Tank And Air Filter Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-4656-03	2	Mount – Tank Bottom	17	99-3185	3	Line – Fuel
2	99-5003	1	Fuel Tank ASM	18	99-5000	2	Valve – Check, Fuel
*2:1	104047	2	Bushing	19	99-5005	1	Fitting – Tee, Barbed
*2:2	104048	1	Valve–Fuel	20	99-5101	2	Line – Fuel
*2:3	99-1420	1	Plug – Tank, Fuel				
3	98-4657	2	Bolt – Mount				
4	99-1444	1	Plate – Mount, Left				
5	88-3980	2	Gas Cap Assembly				
6	3230-2	2	Screw–CARR				
8	322-3	5	Screw–HH				
9	99-5110	1	Mount – Air Cleaner				
10	99-3160	1	Air Cleaner ASM				
*10:1	99-3173	1	Element–Filter				
10:2	99-3174	2	Clip				
*10:3	99-3175	1	Valve–Dust Ejector				
10:4	99-3176	1	Cover				
*10:7	99-3198	1	Filter–Safety				
10:8	99-3197	1	Filter Bracket ASM				
11	2412-42	2	Hose Clamp				
12	99-3144	1	Hose – Air				
13	85-9310	2	Control–Choke				
14	98-4655-03	1	Plate – Mount				
15	98-4654	1	Fuel Tank ASM				
*15:1	104047	1	Bushing				
*15:2	104048	1	Valve–Fuel				
16	2412-98	10	Clamp				

* Not illustrated

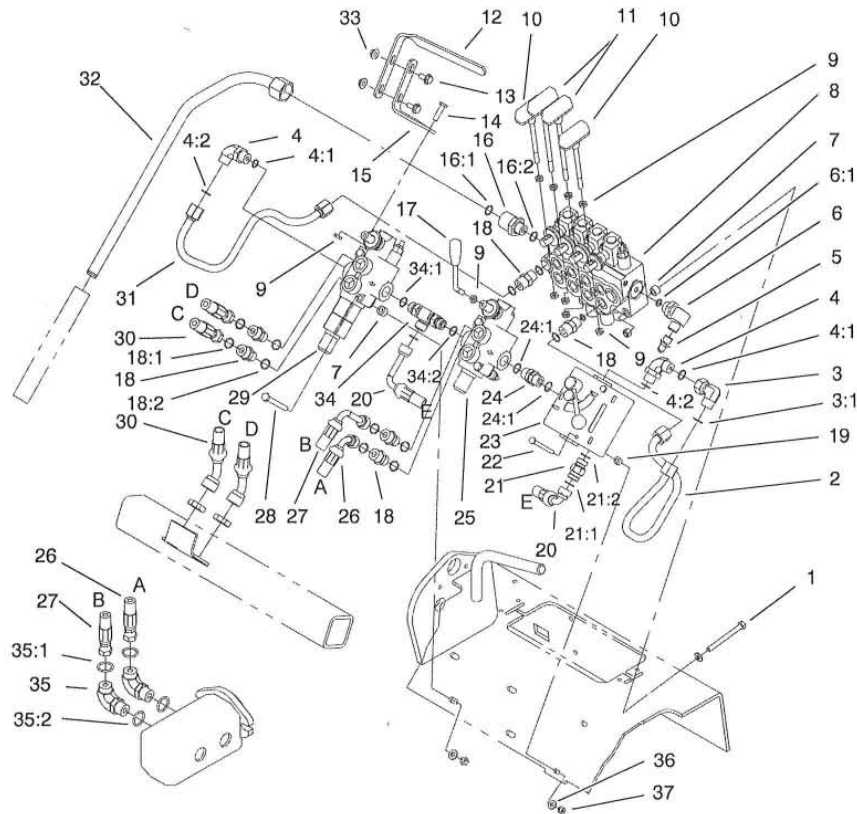


Sheet No.:6

Hydraulic Tank Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	353-988	1	Plug-Hollow Hex	19	99-1351	1	Dipstick
1:1	237-79	1	O-Ring	20	61-2790	1	Screen Filter
3	98-2713	1	Hose-Hyd, Suction	21	354-126	1	Fitting-Hyd
4	68-6150	1	Breather-Air	22	99-3128-03	1	Cover
5	2412-36	2	Clamp	23	98-9927	1	Gasket - Cover
6	98-2708	1	Hose - Vent	24	98-9940	10	Screw
7	340-127	2	Nut-Bulkhead	25	98-4675-01	2	Lock-Cylinder
8	98-9907	2	Union - Bulkhead, Orb	26	283-52	2	Pin-Clevis
8:1	237-30	1	O-Ring	27	3290-467	2	Hairpin Cotter
8:2	237-79	1	O-Ring				
9	98-4698	1	Male-Quick Disconnect				
10	98-9912	1	Cap - Dust				
11	98-9913	1	Plug - Dust				
12	98-4699	1	Female-Quick Disconnect				
*12:1	100-4165	1	Seal Kit				
13	99-3016	1	Fitting - 45 Degree				
13:2	237-81	1	O-Ring				
14	92-5821	1	Filter Head ASM				
15	54-0110	1	Filter-Oil Transmission				
16	98-9906	1	Fitting - Straight Thread				
16:1	237-81	2	O-Ring				
17	93-7498	1	Plug - Plastic				
18	237-123	1	O-Ring				

* Not Illustrated



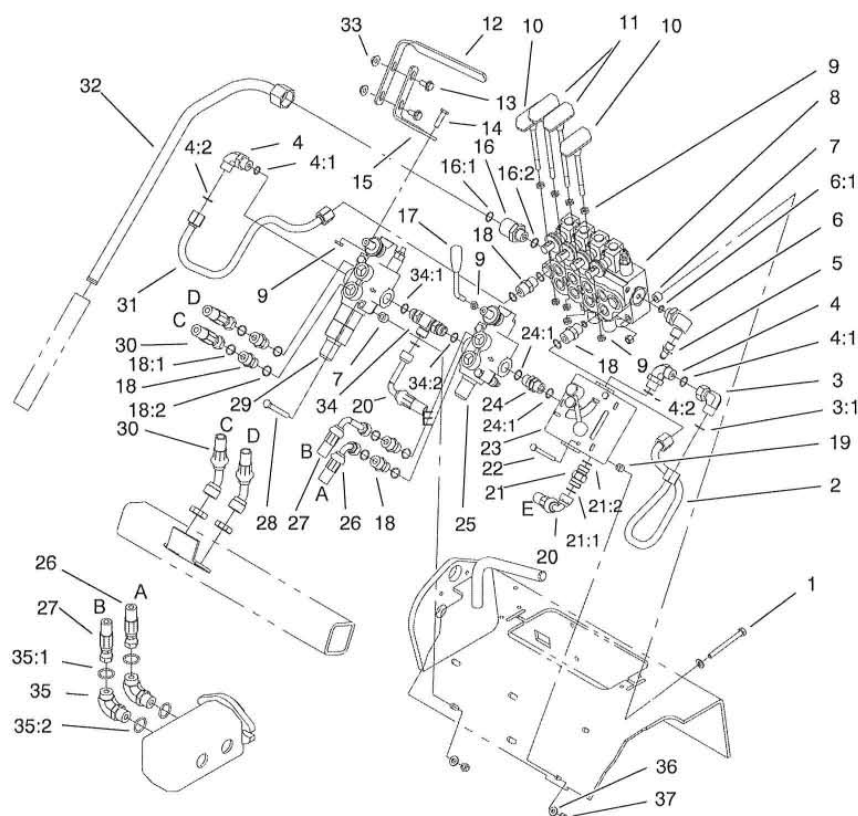
Sheet No.:7

Hydraulic Valves Assembly

Ref. No.	Part No.	Qty.	Description
1	322-20	3	Screw-HH
2	99-3030	1	Line-Hyd, Cf
3	94-6031	1	Fitting - Hyd
3:1	237-30	1	O-Ring
4	340-98	2	Adapter
4:1	237-30	1	O-Ring
4:2	237-79	1	O-Ring
5	86-5480	1	Nipple-Diagnostic
6	340-18	1	Adapter - 90°
6:1	237-79	1	O-Ring
6:2	237-22	1	O-Ring
7	98-4695	7	Tube - Spacer
8	99-3070	1	Valve-Hydraulic
*8:1	99-3074	4	Gasket
*8:2	99-3075	6	Gasket
*8:3	99-4390	1	Seal Kit
9	42-9580	10	Nut-Hex
10	98-4671	2	Cylinder Handle ASM
11	98-4670	2	Drive Handle ASM
12	98-9090	1	Grip - Control
13	3234-5	2	Screw-HHF
14	33104-030	1	Screw-HHF
15	99-1376	1	Mount - Control
16	98-9921	1	Fitting-Straight Thread
16:1	237-145	1	O-Ring
16:2	237-79	1	O-Ring

Ref. No.	Part No.	Qty.	Description
17	98-4729	1	Lever - Valve
18	340-4	6	Adapter
18:1	237-30	1	O-Ring
18:2	237-79	1	O-Ring
19	98-4799	2	Tube - Spacer
20	98-4744	1	Hose ASM
21	98-4735	1	Valve - Hyd, Check
21:1	237-30	1	O-Ring
21:2	237-79	1	O-Ring
22	321-14	2	Screw-HH
23	99-3073	1	Valve-Flow Control
*23:1	98-9097	1	Seal Kit-Valve
*23:2	98-9098	1	Kit - Handle Hardware

* Not illustrated



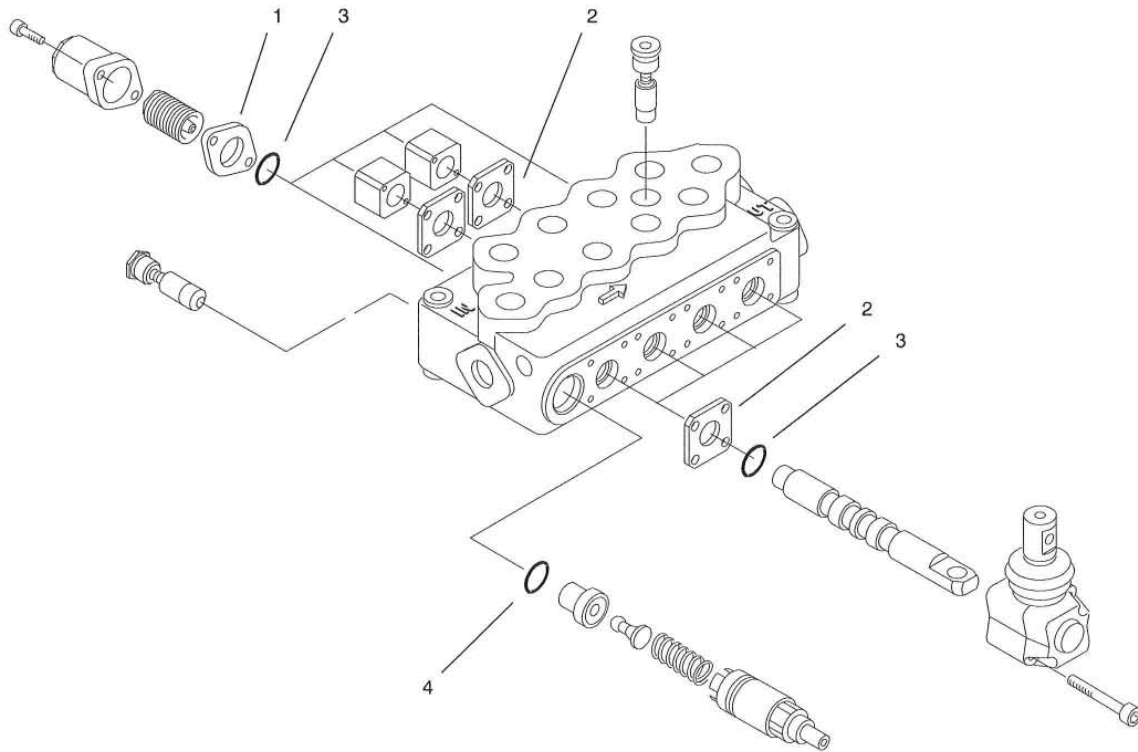
Sheet No.:7

Hydraulic Valves Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
24	95-3209	1	Fitting - Straight Thread	36	3256-22	6	Washer-Flat
24:1	237-79	2	O-Ring	37	3296-42	8	Nut-Lock Ni
25	99-3072	1	Valve - Hyd, Selector	*99	3290-379	9	Plastic Ty-On
*25:1	99-3074	1	Gasket	*99	3296-27	1	Nut-Lock Ni
*25:2	99-3075	1	Gasket	*99	505-33	1	Saf-T-Lok
*25:3	99-4391	1	Seal Kit				
26	98-4747	1	Hose-Hyd, Pressure Hi				
27	99-3008	1	Hose-Hyd, Pressure				
28	322-13	4	Screw-HH				
29	99-3077	1	Valve - Hyd, Aux				
*29:1	99-3074	1	Gasket				
*29:2	99-3075	1	Gasket				
*29:3	99-4391	1	Seal Kit				
30	98-4728	2	Hose - Hyd, Aux				
31	98-4724	1	Line - Hydraulic, Aux				
32	99-3021	1	Line - Hydraulic, Tank				
33	32128-44	2	Nut				
34	98-9079	1	Adapter - Tee, Adjustable				
34:1	237-30	1	O-Ring				
34:2	237-79	2	O-Ring				
35	340-105	2	90° Elbow				
35:1	237-30	1	O-Ring				
35:2	237-80	1	O-Ring				

* Not illustrated

3322-896



c-2834

Hydraulic Valve Assembly No. 99-3070

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	99-3074	4	Gasket				
2	99-3075	6	Gasket				
†3		8	O-Ring				
†4		1	O-Ring				
*	99-4390	1	Seal Kit (Incl. Ref.# 3 & 4)				

* Not illustrated

† Not Serviced Separately

Hydraulic Valve Assembly No. 99-3072

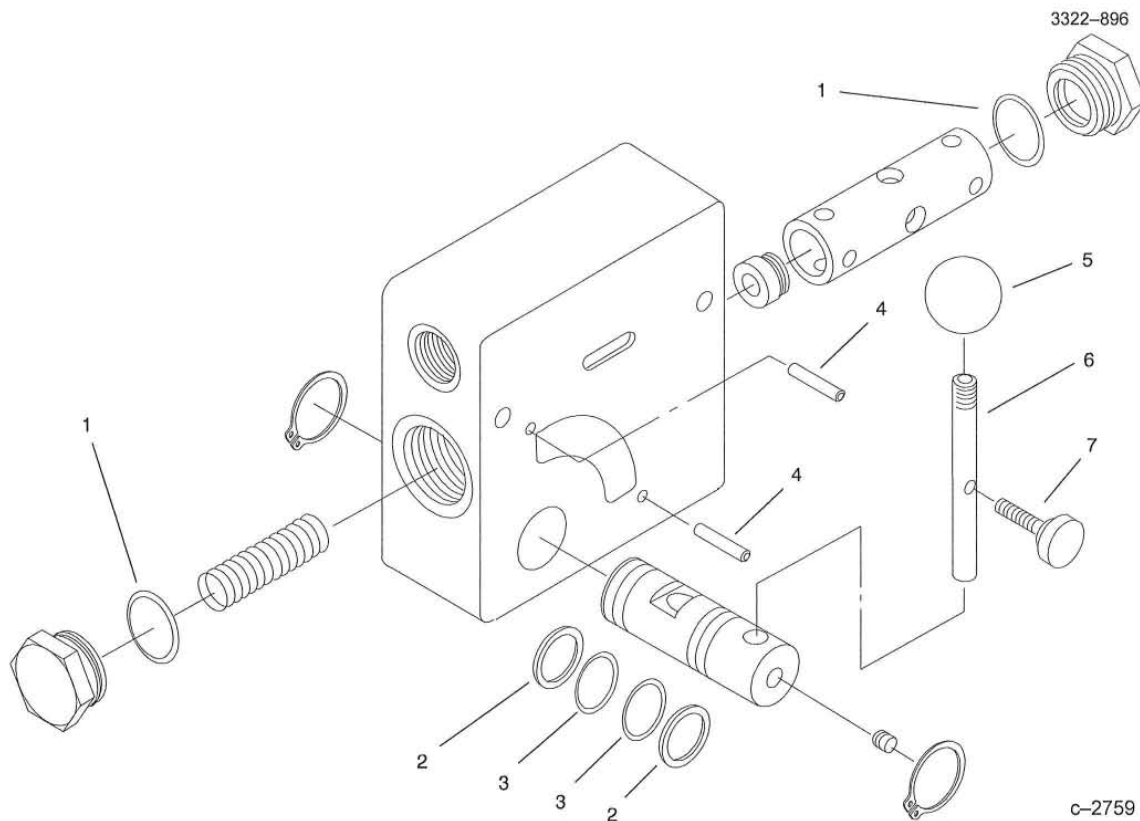
* Not illustrated
† Not Serviced Separately

This diagram shows an exploded view of a hydraulic valve assembly. The central component is a valve body with two main ports. Four callouts point to specific parts: 1 points to a square flange, 2 points to a long cylindrical rod, 3 points to a small cylindrical pin, and 4 points to a small circular O-ring. The assembly is shown in a disassembled state to illustrate the relationship between the components.

Hydraulic Valve Assembly No. 99-3077

Ref. No.	Part No.	Qty.	Description

11

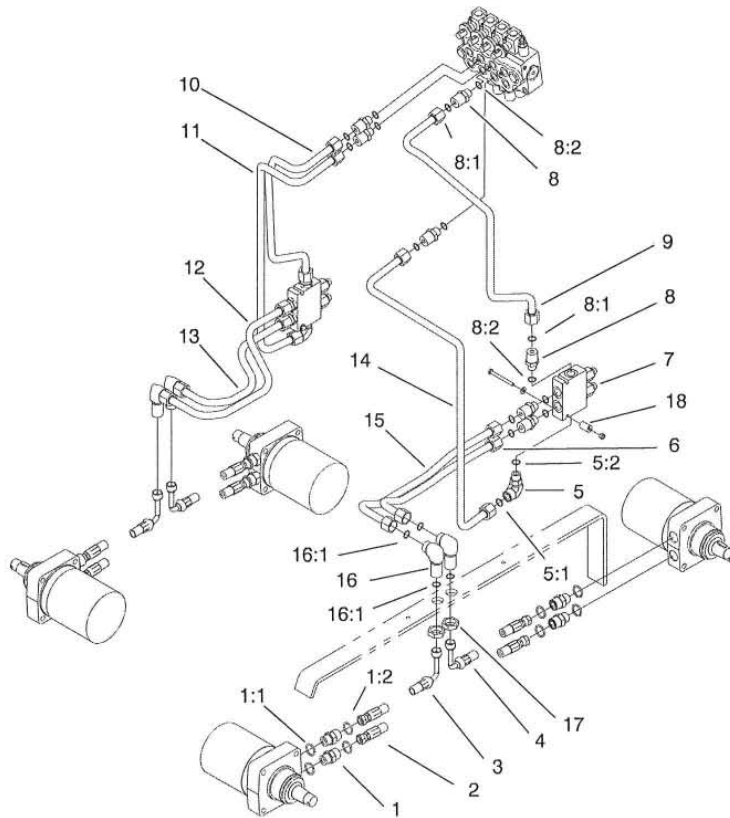


Hydraulic Valve Assembly No. 99-3073

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
†1		2	O-Ring				
†2		2	Back-Up Washer				
†3		2	O-Ring				
†4		2	Roll Pin				
†5		1	Handle Knob				
†6		1	Handle				
†7		1	Thumb Screw				
*	98-9097	1	Seal Kit (Incl. Ref.# 1-3)				
*	98-9098		Handle Kit (Incl. Ref.# 4-7)				

* Not illustrated

† Not Serviced Separately

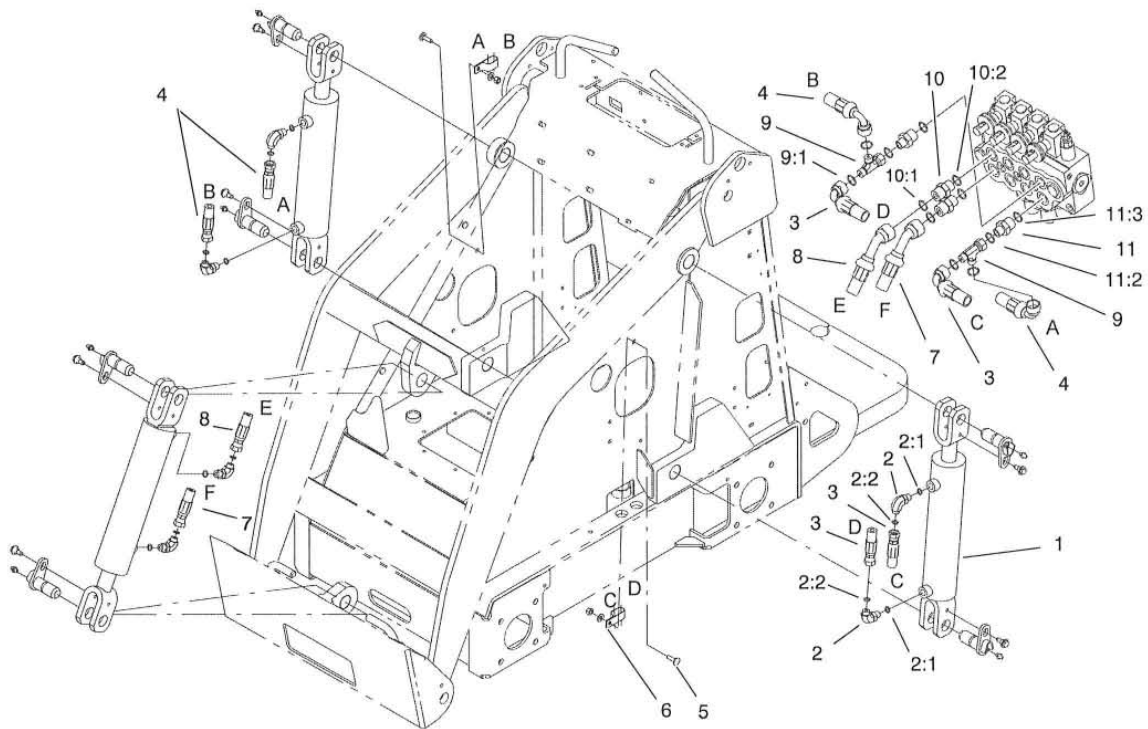


Sheet No.:8

Hydraulic Motors Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	340-7	8	Adapter	16:1	237-65	2	O-Ring
1:1	237-65	1	O-Ring	17	340-74	4	Locknut-Bulkhead
1:2	237-80	1	O-Ring	18	99-3057	2	Spacer-Valve
2	99-3012	2	Hose-Hyd, Motor				
3	99-3010	2	Hose-Hyd, Motor				
			Front				
4	99-3011	2	Hose-Hyd, Motor				
			Rear				
5	340-153	2	Fitting - Hyd				
5:1	237-79	1	O-Ring				
5:2	237-151	1	O Ring				
6	99-3022	1	Line-Hyd, Left A1				
7	98-9050	2	Valve-Counterbalance				
*7:1	98-2712	1	Seal Kit-Valve				
8	340-155	10	Fitting - Hyd				
8:1	237-79	1	O-Ring				
8:2	237-151	1	O-Ring				
9	99-3027	1	Line-Hyd, Left B				
10	99-3024	1	Line-Hyd, Right B				
11	99-3029	1	Line-Hyd, Left A1				
12	99-3025	1	Line-Hyd, Right B1				
13	99-3028	1	Line-Hyd, Right A1				
14	99-3023	1	Line-Hyd, Left A				
15	99-3026	1	Line-Hyd, Left B1				
16	340-72	4	Elbow-Bulkhead Union, 90°.				

* Not illustrated

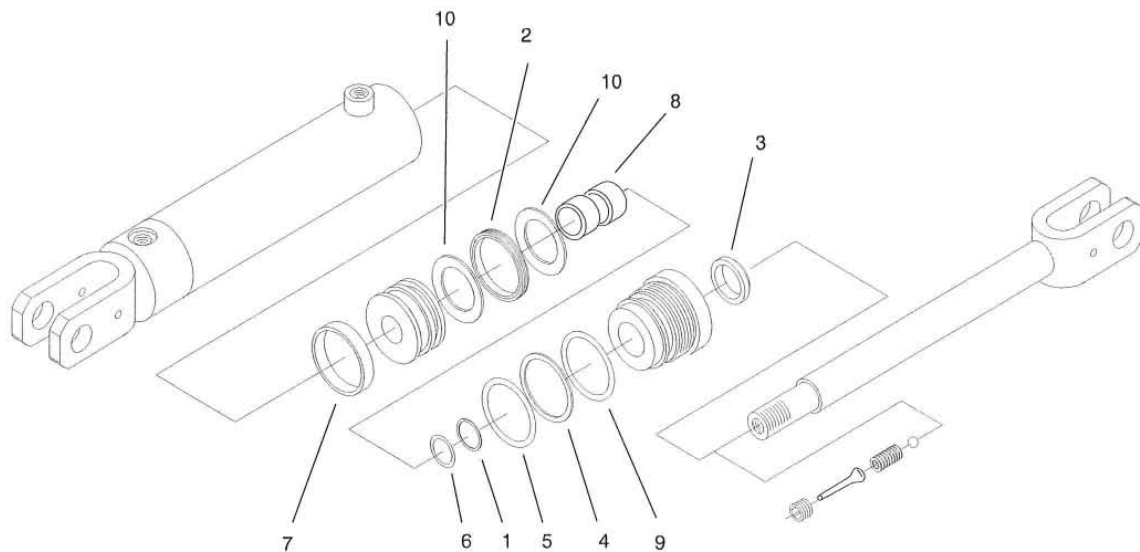


Sheet No.:9

Hydraulic Cylinders Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-4163	3	Cylinder – Hydraulic				
*1:1	99-3065	1	Seal Kit-Hyd. Cylinder				
2	340-82	6	Adapter				
2:1	237-42	1	O-Ring				
2:2	237-35	1	O-Ring				
3	98-4748	2	Hose – Hyd, Pressure Lo				
4	98-4725	2	Hose – Hyd, Loader				
5	3230-2	2	Screw-CARR				
6	2412-137	2	Tube Clamp				
7	98-4726	1	Hose-Hyd, Center Long				
8	98-4727	1	Hose-Hyd, Center Straight				
9	340-151	2	Fitting				
9:1	237-75	3	O-Ring				
10	340-3	2	Adapter				
10:1	237-22	1	O Ring				
10:2	237-79	1	O-Ring				
11	340-133	2	Adapter				
11:2	237-78	1	O-Ring				
11:3	237-35	1	O-Ring				

* Not illustrated



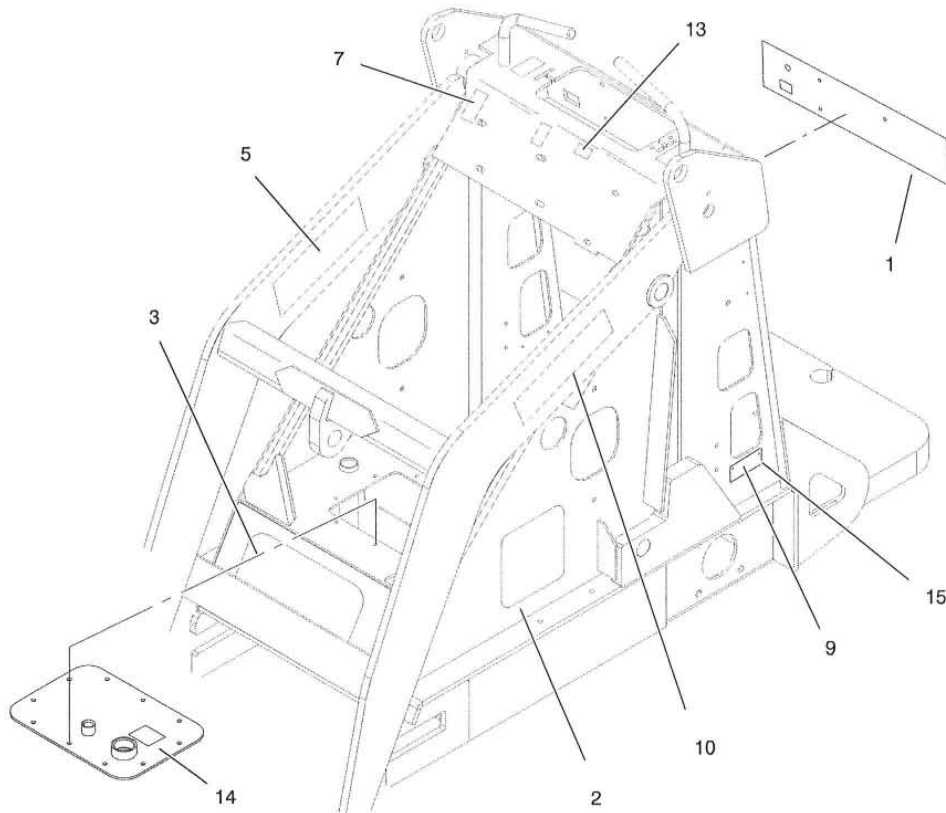
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Hydraulic Cylinder No. 100-4163

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
†1	99-3065	1	Washer-Backup				
†2		1	PSP Seal				
†3		1	Rod-Wiper				
†4		1	Washer-Backup				
†5		1	O-Ring				
†6		1	Polypak				
†7		1	Wear Ring				
†8		2	Wear Ring				
†9		1	O-Ring				
†10		2	Washer-Backup				
*		1	Seal Kit (Incl. Ref. #1-10)				

* Not illustrated

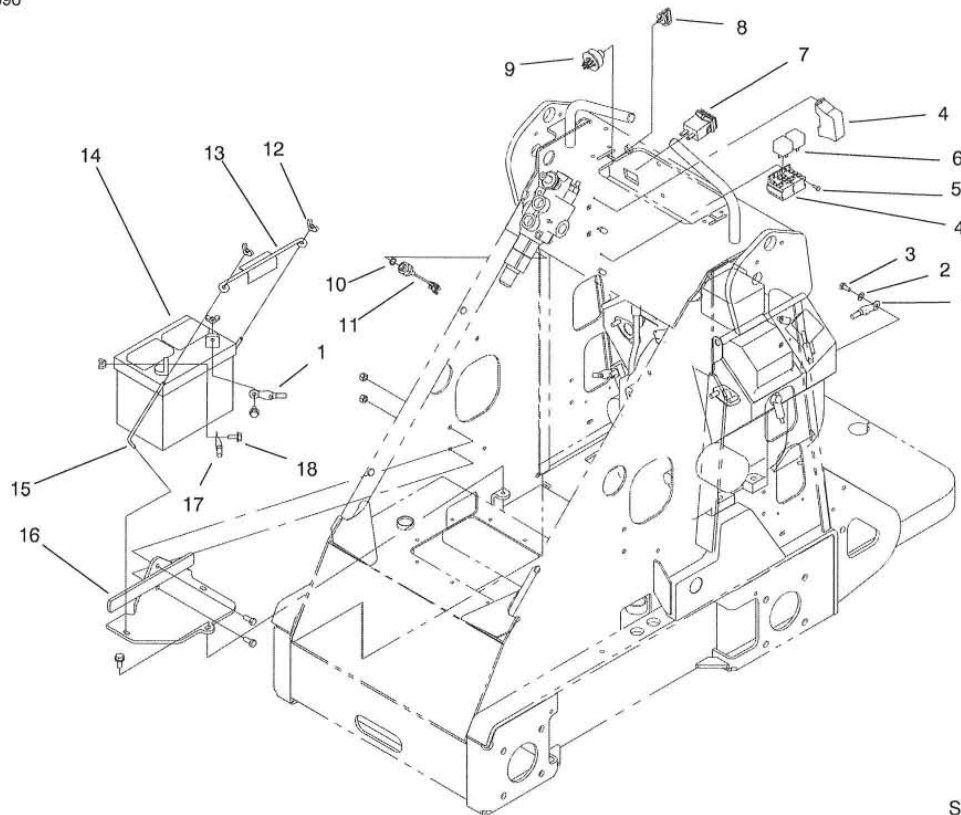
† Not Serviced Separately



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Sheet No.:10

Decal Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	99-3157	1	Decal-Control Panel				
2	98-4680	2	Decal - Side				
3	98-4679	1	Decal - Front				
5	98-9051	1	Decal - Danger				
7	98-4677	1	Decal - Auxiliary Power				
10	99-3166	2	Decal - Dingo 322				
13	98-8220	1	Decal - Speed Limiter				
14	85-4730	1	Decal - Hyd Oil Only				



Sheet No.:11

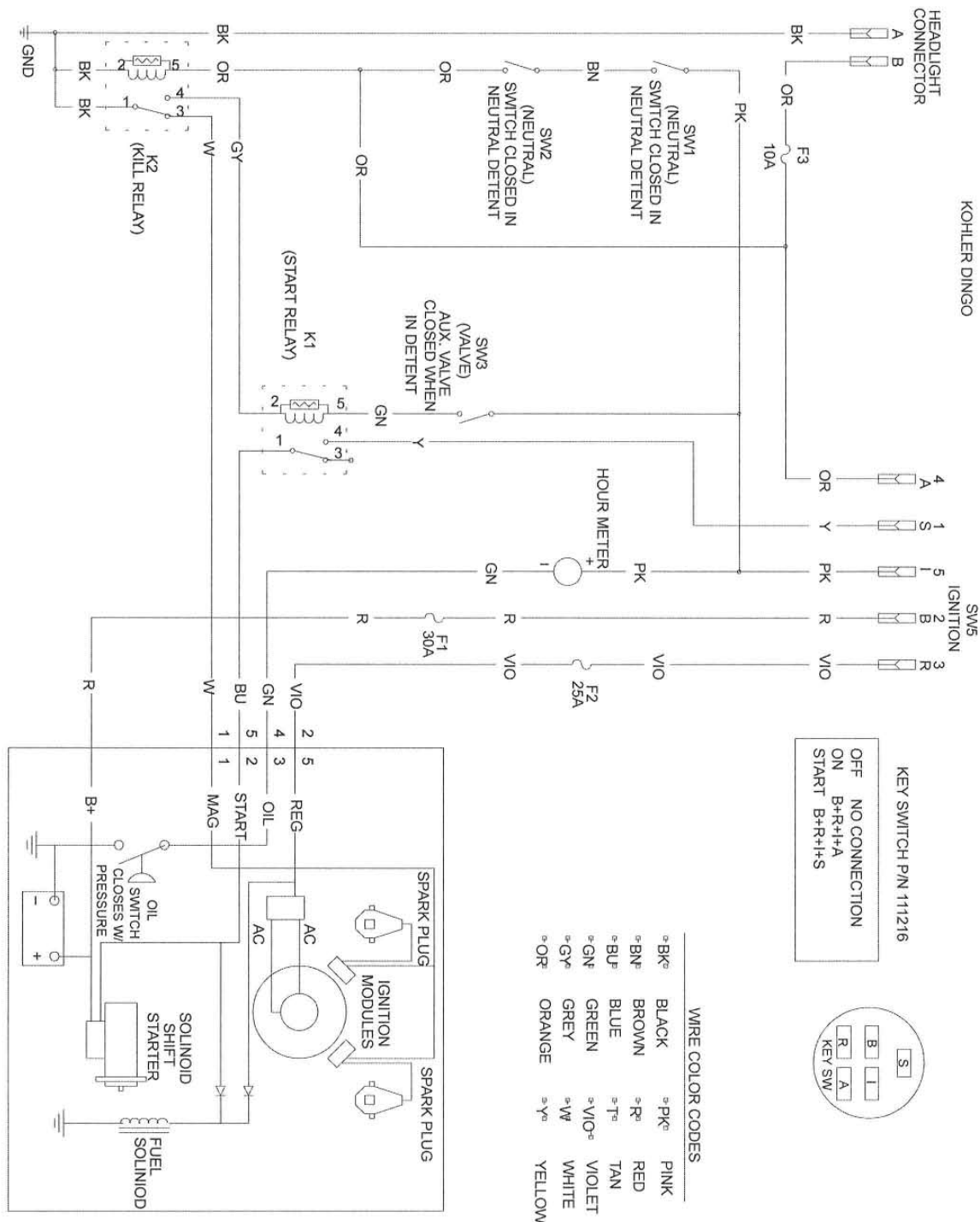
Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	111075	1	Wire Assy
2	3255-8	1	Washer-Lock/Ext
3	33114-020	3	Screw-HH
4	99-3161	1	Harness - Electrical
5	32144-87	3	Screw-Thread Forming
6	98-7249	2	Relay-Spdt
7	94-4208	1	Hourmeter
8	63-8360	2	Key-Ignition w/Shield
9	111216	1	Assy Switch Ignition
10	237-42	3	O-Ring
11	72-4310	3	Switch
12	32103-22	4	Nut-Wing
13	113010	1	Battery Hold Down
14	94-1867	1	Battery
15	99-5027	2	Retainer - Battery
16	99-3060-03	1	Battery Mount
17	100-1712	1	Cable-Positive
18	3234-4	2	Screw-Flange
*99	32144-18	2	Screw-HH

Ref. No.	Part No.	Qty.	Description

* Not illustrated

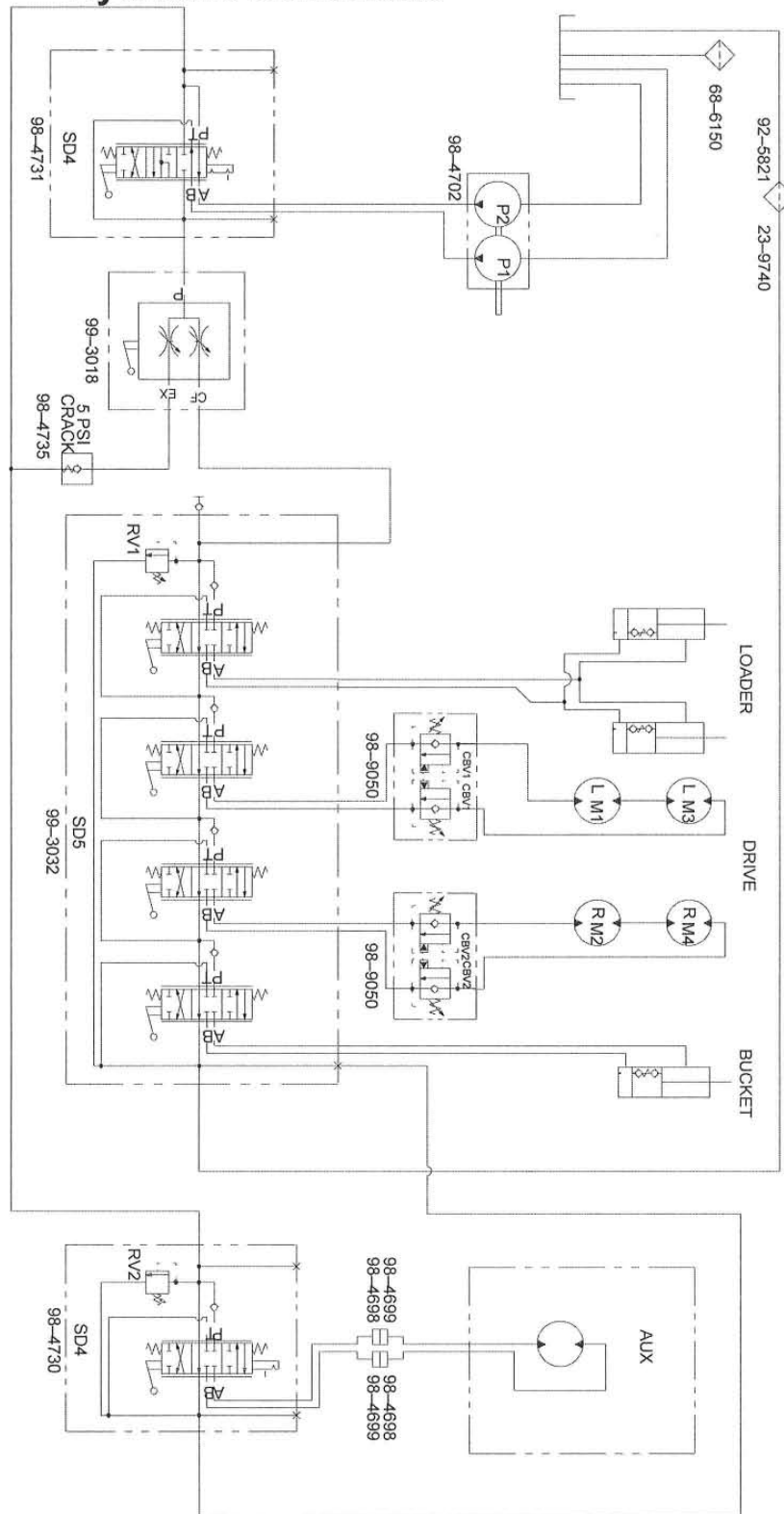
Electrical Schematic



Sheet No.:11

18

Hydraulic Schematic



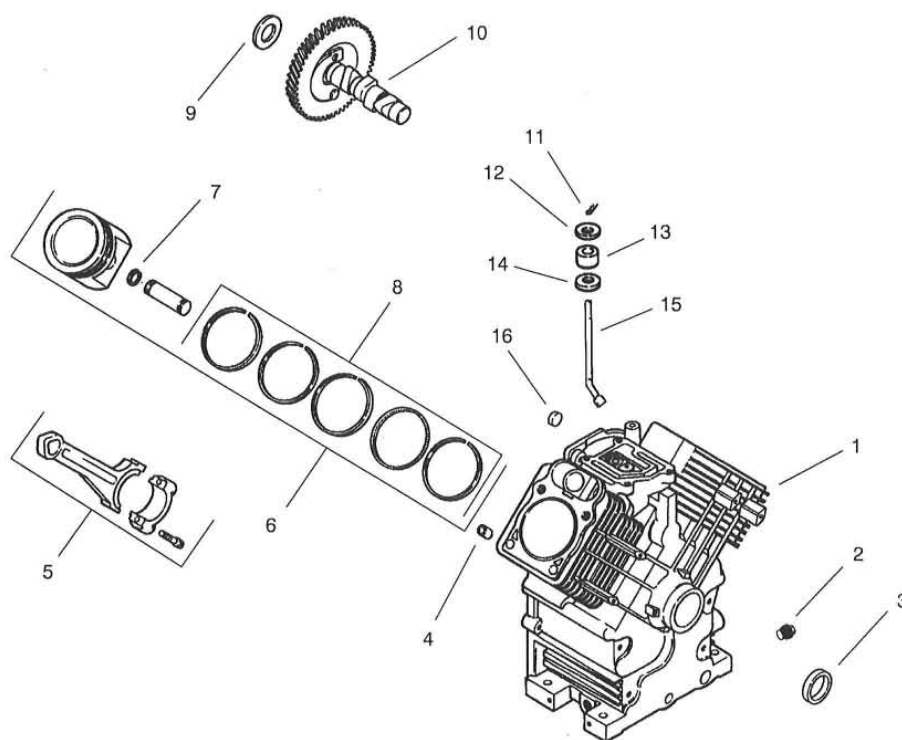
DISPLACEMENT AND PRESSURE CHART

COMPONENT	DISPLACEMENT	PRESSURE	FLOWRATE*
COMPONENT	CU IN/REV	CU CM/REV	
P1	0.55 CU/IN	9 CC	
P2	0.24 CU/IN	4 CC	
M1/M3	28.1 CU/IN	476 CC	
M2/M4	28.1 CU/IN	476 CC	
RV1		3000 PSI	207 BARS
RV2		3000 PSI	207 BARS
CBV1		1000 PSI	69 BARS
CBV2		1000 PSI	69 BARS

* FLOWRATE CALCULATED AT 3600 RPM AND 98% EFFICIENCY.

Ref. No.	Part No.	Description	No. Used
1	24 014 90	Crankshaft (Includes 2)	1
2	52 139 09	Plug, cup	1

Ref. No.	Part No.	Description	No. Used

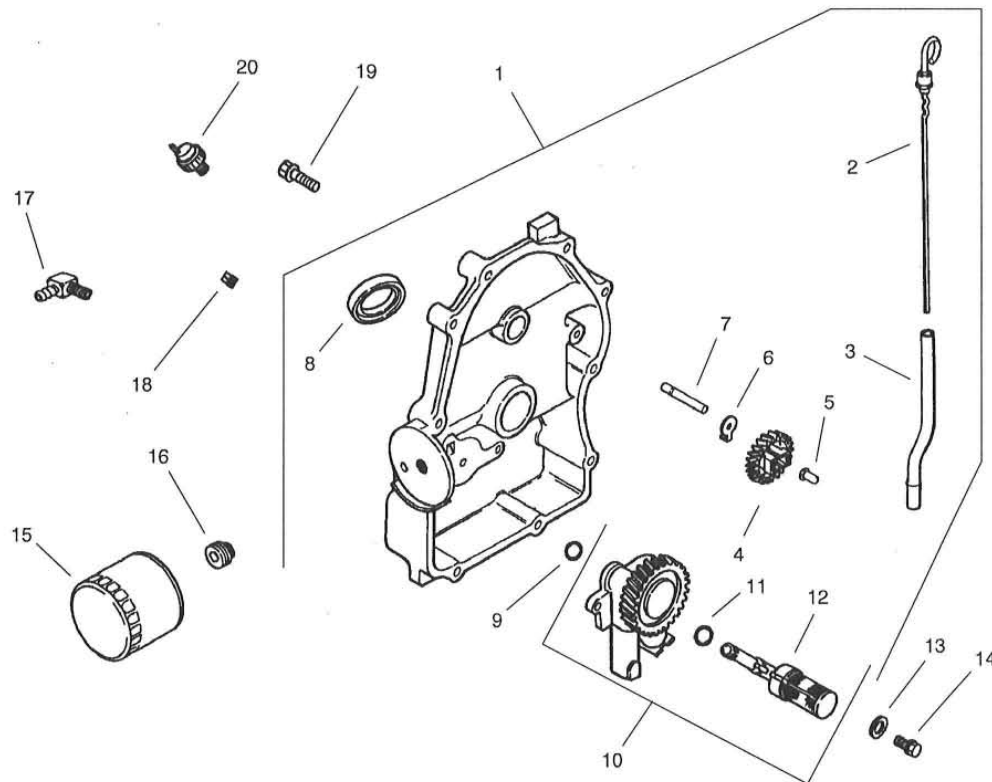


GROUP 2 – CRANKCASE

Ref. No.	Part No.	Description	No. Used
1		Cylinder Block (Use Miniblock 24 782 01)	1
2	52 139 02	Plug, drain	2
3	24 032 01	Seal, oil front	1
4	12 380 17	Pin, dowel locating	6
5	24 067 13	Connecting Rod (Std.)	2
	24 067 14	Connecting Rod (.25)	2
6	24 874 01	Piston w/Ring Set (Std.)	2
	24 874 02	Piston w/Ring Set (.25)	2
	24 874 03	Piston w/Ring Set (.50)	2
7	24 018 01	Retainer, piston pin	4
8	24 108 01	Ring Set (Std.)	2
	24 108 02	Ring Set (.25)	2
	24 108 03	Ring Set (.50)	2

Ref. No.	Part No.	Description	No. Used
9	12 422 09	Shim, camshaft – red	A/R
	12 422 13	Shim, camshaft – black	A/R
	12 422 07	Shim, camshaft – white	A/R
	12 422 08	Shim, camshaft – blue	A/R
	12 422 10	Shim, camshaft – yellow	A/R
	12 422 11	Shim, camshaft – green	A/R
	12 422 12	Shim, camshaft – gray	A/R
10	24 012 05	Camshaft	1
11	12 380 04	Pin, hitch	1
12	M-0631005	Washer, flat	1
13	12 032 01	Seal, governor cross shaft	1
14	X-25-102	Washer, plain	1
15	24 144 01	Shaft, governor cross	1
16	52 139 09	Plug, cup	1

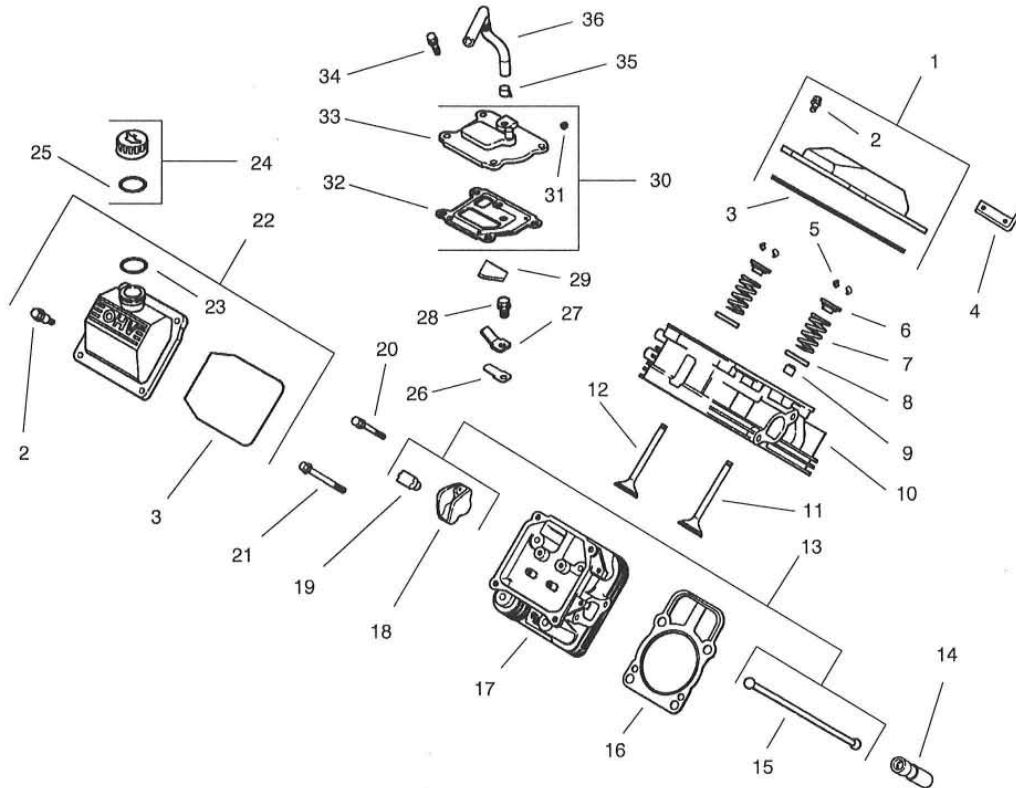
Obtain Parts From Kohler



GROUP 3 – OIL PAN/LUBRICATION

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	24 009 82	Plate, closure assembly (Includes 2-12)	1	11	24 153 01	O-Ring, oil pick-up	1
2	24 038 06	Dipstick	1	12	24 381 04	Pick-up, oil	1
3	24 123 08	Tube, dipstick	1	13	M-0631005	Washer, plain 6 mm	2
4	24 043 12	Kit, governor gear (Includes 5)	1	14	M-0645025	Screw, hex. flange	2
5	12 380 01	Pin, governor regulating	1	15	52 050 02	Filter, oil	1
6	52 448 02	Tab, locking	1	16	24 136 01	Nipple, oil filter	1
7	12 144 02	Shaft, governor gear	1	17	25 155 02	Connector	1
8	52 032 08	Seal, oil (PTO end)	1	18	X-75-23	Plug, pipe	1
9	24 153 08	O-Ring	1	19	24 086 16	Screw, hex. flange	10
10	24 393 10	Oil pump assembly (Includes 11,12)	1	20	24 099 03	Switch, pressure	1

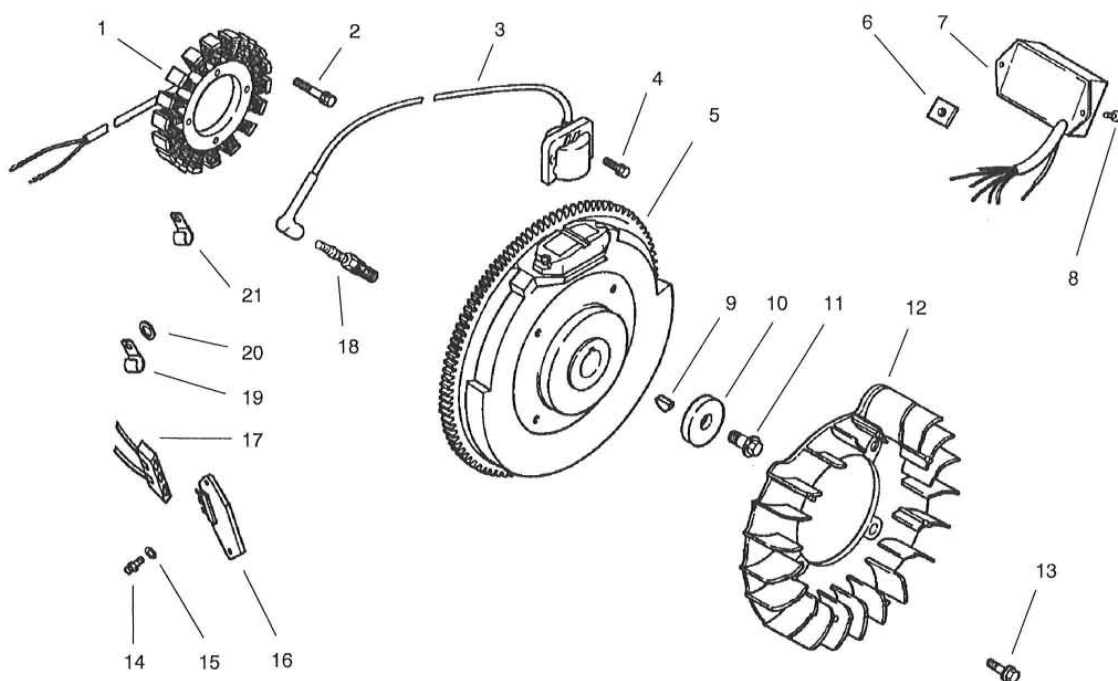
Obtain Parts From Kohler



GROUP 4 – HEAD/VALVE/BREATHER

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	24 755 74	Kit, valve cover – plain (Includes 2–3)	1	18	25 186 01	Arm, rocker	4
2	24 086 32	Screw, shoulder	4	19	24 599 01	Pivot, rocker arm	4
3	24 153 16	O–Ring, valve cover	1	20	M–0640034	Screw, hex. flange	4
4	24 445 01	Strap, lifting	1	21	12 086 16	Screw, hex. flange	8
5	12 755 03	Kit, retainer	4	22	24 755 75	Kit, valve cover – oil fill (Includes 2,3,23)	1
6	12 173 01	Cap, valve spring	4	23	24 153 09	O–Ring	1
7	24 089 02	Spring, valve	4	24	24 755 46	Kit, oil fill cap (Includes 25)	1
8	235011	Retainer, spring	4	25	12 153 03	O–Ring, oil fill cap	1
9	24 032 05	Seal, valve stem	2	26	24 402 03	Reed, breather	1
10	24 318 09	Head assembly, #1 cylinder	1	27	12 018 01	Retainer, breather reed	1
11	24 017 01	Valve, intake (Std.)	2	28	M–0545010	Screw, hex. flange	1
	24 017 02	Valve, intake (.25)	2	29	24 050 01	Filter, breather	1
12	24 016 01	Valve, exhaust (Std.)	2	30	24 033 01	Kit, breather (Includes 31–33)	1
	24 016 02	Valve, exhaust (.25)	2	31	X–75–23	Plug, allen head pipe	1
13	24 755 66	Kit, valve train (Includes 15,18,19)	1	32	24 041 23	Gasket, breather	1
14	12 351 02	Lifter, valve	4	33	24 096 02	Cover, breather	1
15	24 411 05	Rod, push	4	34	M–0645020	Screw, hex. flange	4
16	24 041 08	Gasket, cylinder head	2	35	X–426–9	Clamp, breather	1
17	24 318 10	Head assembly, #2 cylinder	1	36	24 326 06	Hose, breather	1

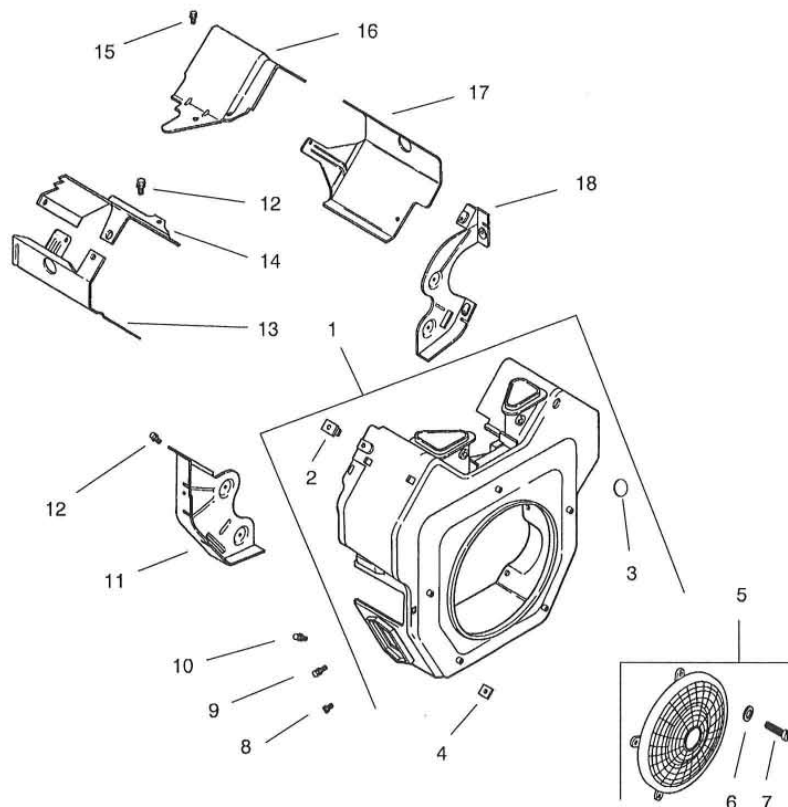
Obtain Parts From Kohler



GROUP 5 – IGNITION/ELECTRICAL

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	54 755 09	Kit, 15 amp stator (Incl. 24 126 71 bracket)	1	16	25 403 03	Rectifier-regulator	1
2	M-0548025	Screw, hex. cap	2	17	236602	Connector	1
3	24 584 11	Module, ignition	2	18	12 132 02	Spark Plug	2
4	M-0561025	Screw, hex. socket hd	4	19	47 154 01	Clip, cable	1
5	24 025 02	Flywheel	1	20	X-25-63	Washer, plain	1
6	24 100 02	Nut, plastic	2	21	48 154 02	Clip, cable	1
7	24 584 09	Module, speed advance	1			Not Illustrated	
8	24 086 41	Screw	2		25 518 28	Lead, black, (4" – 18 gauge – insulated grip barrel eyelet terminals)	1
9	X-42-15	Key	1		24 176 42	Harness, wiring	1
10	12 468 03	Washer, plain	1		24 126 71	Bracket, stator wire	1
11	12 086 14	Screw, hex. flange	1		X-22-11	Washer, lock	1
12	24 157 03	Fan	1		X-25-63	Washer, plain	1
13	25 086 47	Bolt, shoulder	4				
14	24 086 18	Screw, phillips hd.	2				
15	X-25-92	Washer, plain	2				

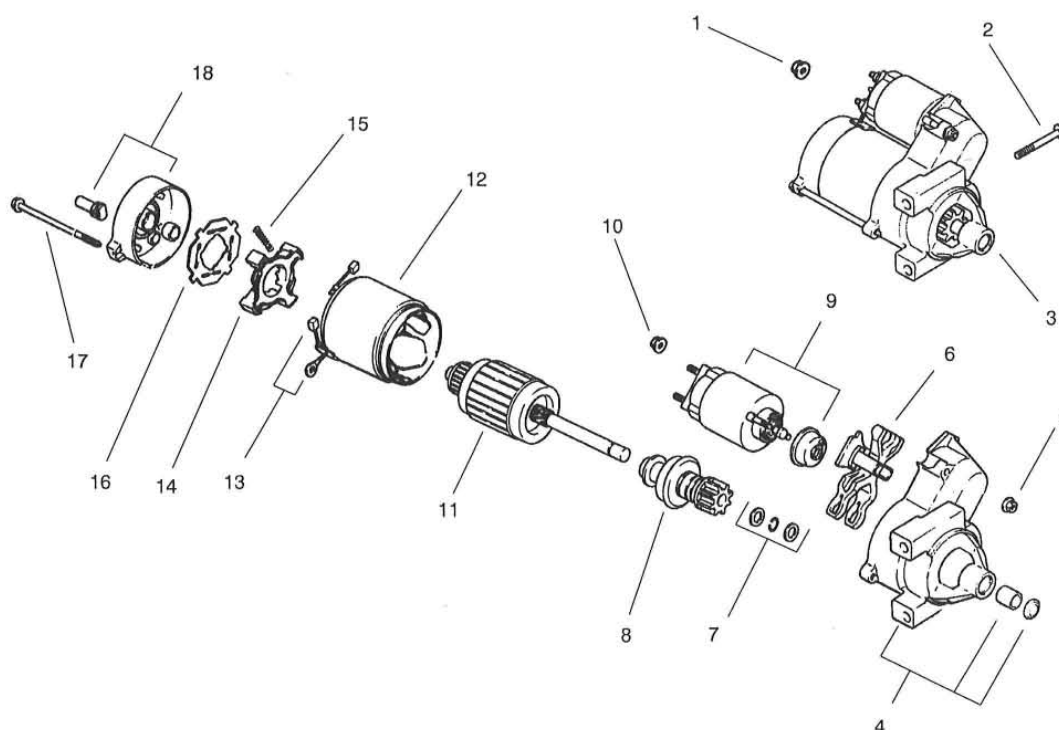
Obtain Parts From Kohler



GROUP 6 – BLOWER HOUSING & BAFFLES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	24 027 40	Housing, blower (Includes 2-5)	1	11	24 146 02	Plate, backing - #2 side	1
2	24 100 02	Nut, plastic	2	12	M-0645016	Screw, hex. flange	6
3	25 139 16	Button plug	1	13	24 063 20	Baffle, cyl. barrel-#2 side	1
4	24 100 01	Nut, plastic	2	14	24 063 17	Baffle, valley - #2 side	1
5	24 755 81	Kit, Fixed Gurard (Includes 6&7)	1	15	M-0545010	Screw, hex. flange	2
6	24 468 10	Washer, plain	5	16	24 063 24	Baffle, valley - #1 side	1
7	24 086 35	Screw, panhead	5	17	24 063 08	Baffle, cyl. barrel-#1 side	1
8	M-0551016	Screw, hex. flange	1	18	24 146 08	Plate, backing - #1 side	1
9	M-0545016	Screw, hex. flange	5			Not Illustrated	
10	M-0545020	Screw, hex. flange	2		24 113 62	Decal, HP	1
					25 113 21	Decal, Pro	1

Obtain Parts From Kohler

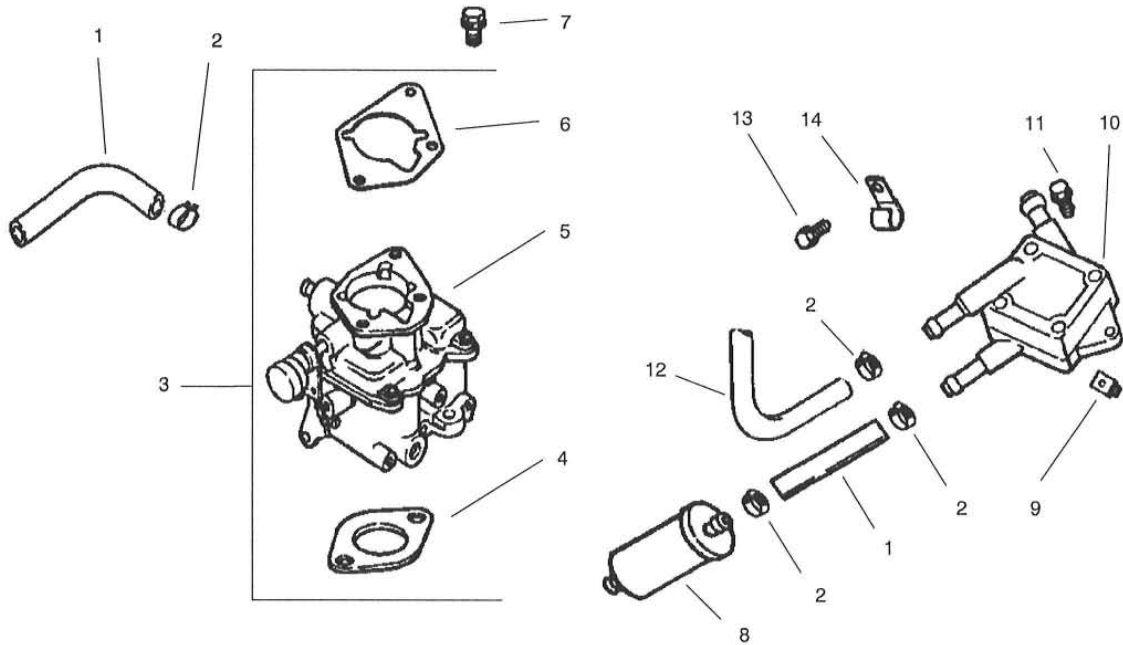


GROUP 7 – STARTING SYSTEM

Ref. No.	Part No.	Description	No. Used
1	M-0841080	Nut, hex flange	1
2	M-0839080	Screw, hex. flange	2
3	24 098 01	Starter, solenoid shift assembly (Incl. 4-18)	1
4	24 081 04	Drive, end cap	1
5	52 100 10	Nut, starter	2
6	12 090 10	Lever, starter drive	1
7	24 755 84	Kit, starter repair	1
8	12 239 01	Drive, pinion	1
9	52 435 02	Solenoid	1

Ref. No.	Part No.	Description	No. Used
10	52 100 09	Nut, starter	1
11	12 170 04	Armature, starter	1
12	12 471 01	Frame	1
13	52 221 01	Kit, brush & spring (Includes 15)	1
14	52 323 03	Holder, brush	1
15	52 089 09	Spring, brush	4
16	52 168 01	Insulator	1
17	52 211 05	Bolt, thru	2
18	24 301 01	Commutator, end cap	1

Obtain Parts From Kohler

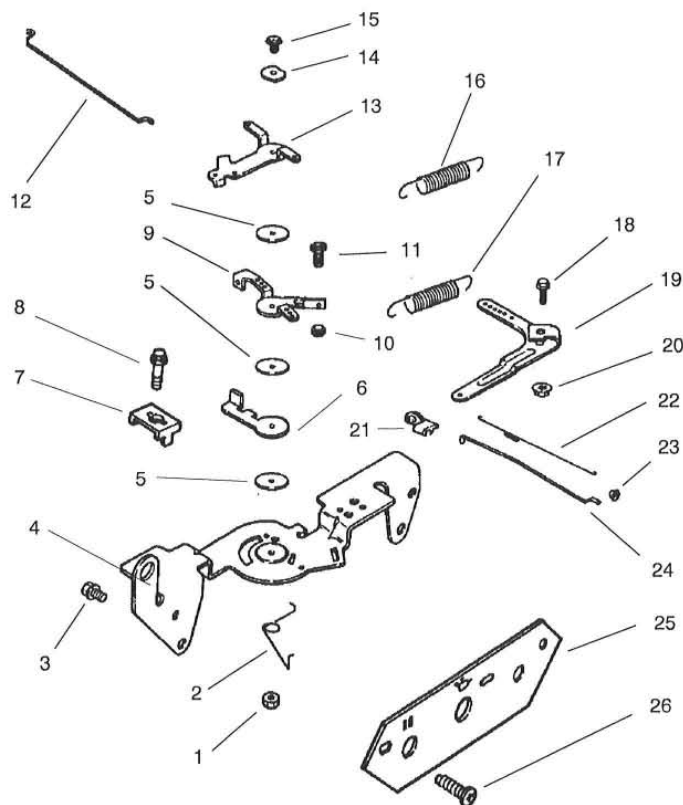


GROUP 8 – FUEL SYSTEM

Ref. No.	Part No.	Description	No. Used
1	25 353 10	Line, fuel – 9"	2
2	X-426-9	Clamp, hose	6
3	24 853 43	Kit, carburetor w/gasket (Includes 4-6)	1
4	24 041 06	Gasket, air cleaner base	1
5	24 053 43	Carburetor assembly (For information only not available separately)	1
6	24 041 17	Gasket, carburetor	1

Ref. No.	Part No.	Description	No. Used
7	M-0651030	Screw, hex. flange	2
8	24 050 02	Filter, fuel	1
9	24 100 01	Nut, plastic	2
10	24 393 04	Pump, fuel – pulse	1
11	24 086 12	Screw, hex. cap	2
12	24 353 04	Line, fuel 17"	1
13	M-0650012	Screw, hex. flange	1
14	47 154 01	Clip, cable	1

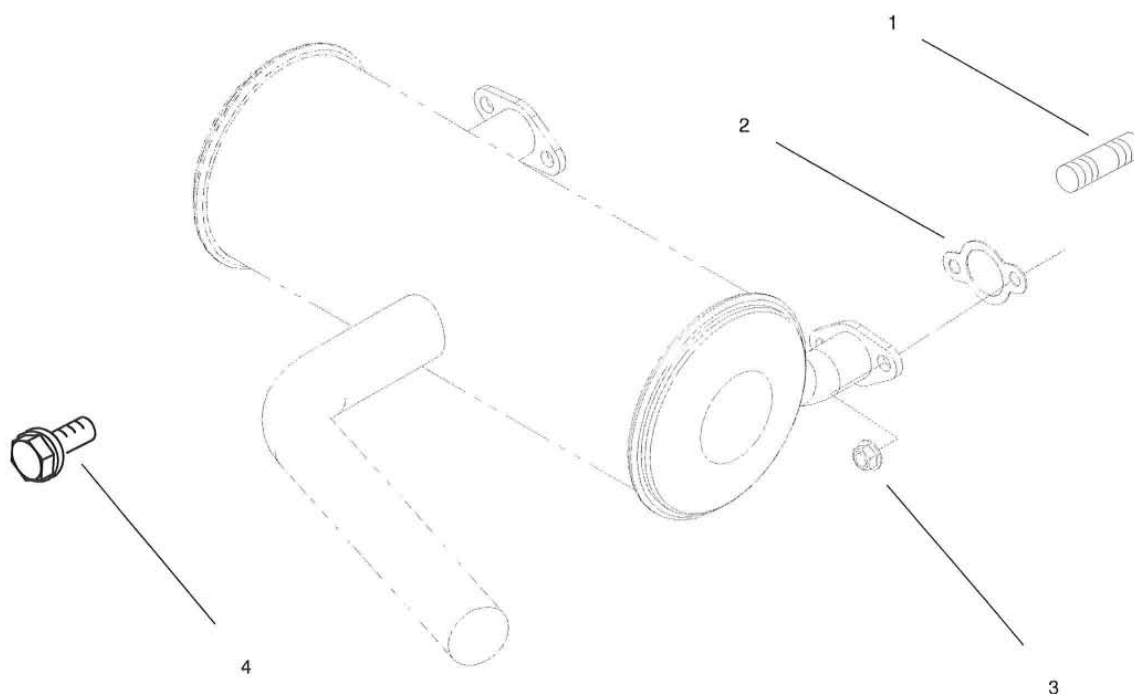
Obtain Parts From Kohler



GROUP 9 – ENGINE CONTROLS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	M-0547050	Nut, hex. lock	1	15	M-0545020	Screw, hex. flange	1
2	24 089 03	Spring, choke return	1	16	24 089 38	Spring, throttle limiter	1
3	M-0645016	Screw, hex. flange	4	17	24 089 15	Spring, governor	1
4	24 126 56	Bracket, control	1	18	SM-0642025	Screw, hex. flange	1
5	24 468 01	Washer, plain	3	19	24 090 14	Lever, governor	1
6	24 090 07	Lever, throttle actuator	1	20	M-0641060	Nut, hex. flange	1
7	12 237 01	Clamp, cable	2	21	25 158 11	Bushing, linkage retaining	1
8	M-0545016	Screw, hex. flange	2	22	24 089 01	Spring, linkage	1
9	24 090 03	Lever, throttle control	1	23	25 158 08	Bushing, linkage retaining	1
10	M-0446030	Nut, hex	1	24	24 079 01	Linkage, throttle	1
11	M-0401030	Screw, hex. cap	1	25	24 378 01	Panel, control	1
12	24 079 02	Linkage, choke	1	26	24 086 06	Screw, phillips	1
13	24 090 05	Lever, choke	1				
14	41 468 03	Washer, spring	1				

Obtain Parts From Kohler



GROUP 11 – EXHAUST

Ref. No.	Part No.	Description	No. Used
1	25 072 04	Stud	4
2	93-0350	Gasket, exhaust	2
3	M-0841080	Nut, hex flange	4

Ref. No.	Part No.	Description	No. Used
4	M-0839020	Screw, hex. flange	2
*	24 755 03	Gasket Set	1

Obtain Parts From Kohler

* Not Illustrated