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DINGO 222

Traction Unit

Model No. 22304 – 890001 & Up

Parts Catalog

ORDERING REPLACEMENT PARTS

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

Contents

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Note:

Accessories

Description	Model / Parts No.	Description	Model / Parts No.
4 cu. ft. Bucket	22409	Tiller	22445
6.4 cu. ft. Bucket	22410	Trencher	22447
Auger Drive Head	22400	Four in One Bucket	22424
Bore Drive Head	22420	Over The Tire Tracks	22457
Eliminator	22443	Tree Forks	22438
Forks – Adjustable	22418	U–Blade	22424
Hydraulic Blade	22414	Counter–Weight	22417
Leveler	22419	Rear Stabilizer	22452
Multi Purpose Tool	22423		

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Part Description Abbreviations (Continued)

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning	Abbreviation	Meaning
SHWH	slotted hex washer head	TH	truss head
SPH	slotted pan head	TTH	Torx truss head
STD	standard	WH	wing head
TAP	self tapping		

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.

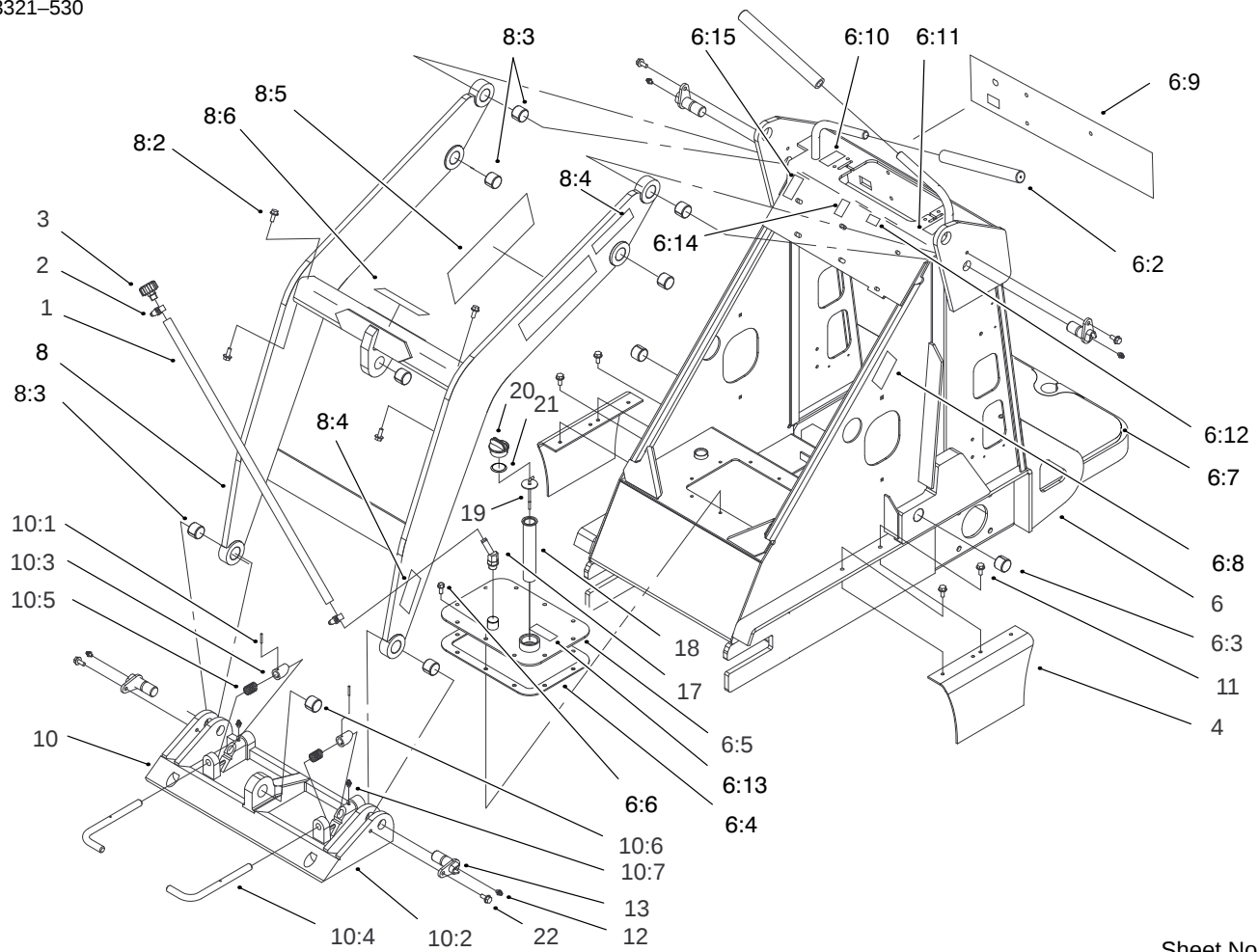
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

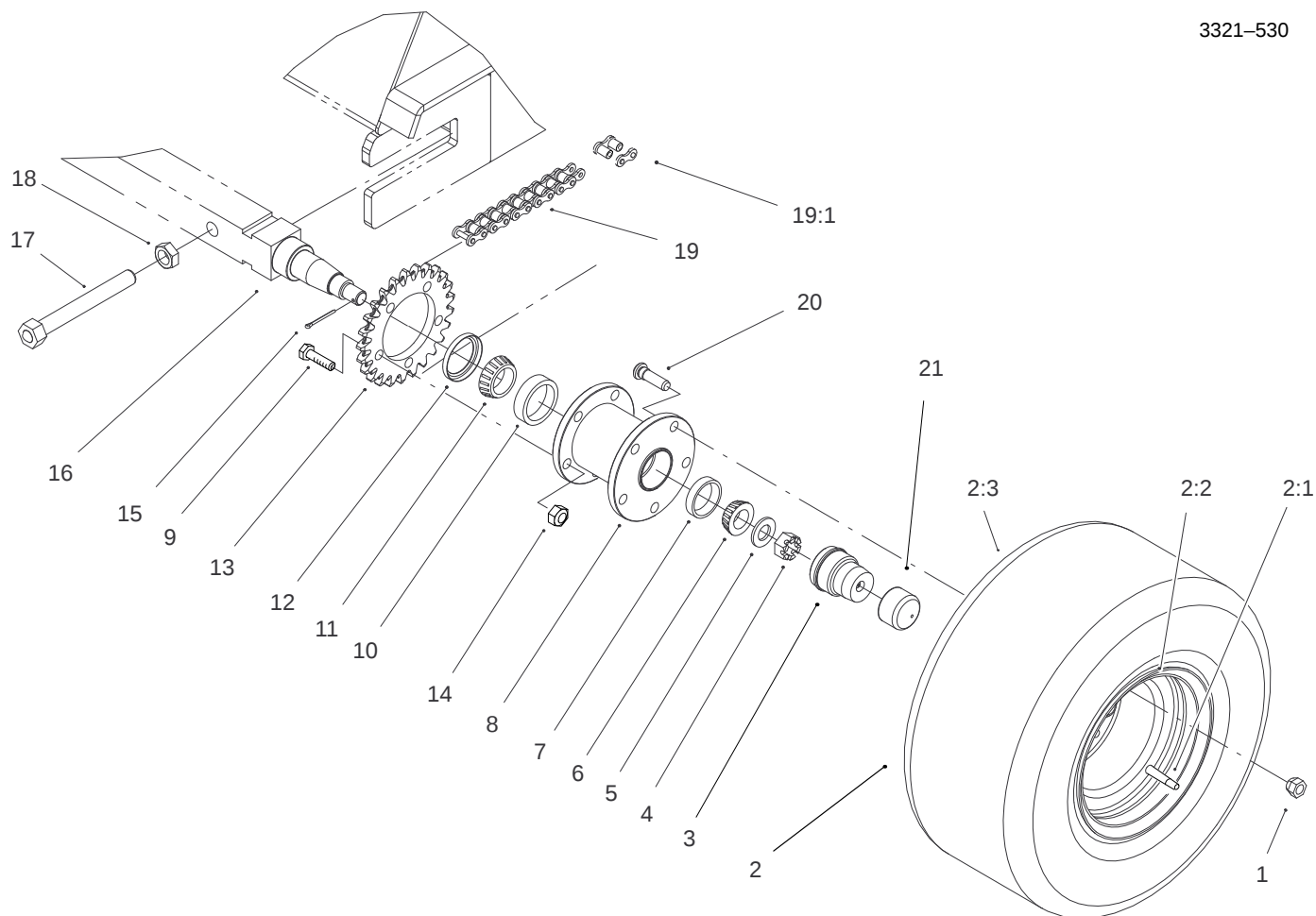


Sheet No.: 2

Frame and Loader Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	98-2708	1	Hose-Vent
2	2412-36	2	Clamp-Hose
3	68-6150	1	Breather-Air
4	98-4669	2	Cover-Chain
6	99-1355	1	Frame ASM
6:2	98-4845	2	Grip-Cushion
6:3	98-4871	2	Bushing-Tension
6:4	98-9927	1	Gasket-Cover
6:5	98-2709	1	Cover
6:6	98-9940	10	Screw
6:7	98-9947	2	Tread
6:8	80-8010	2	Decal-Warning
6:9	99-1385	1	Decal-Control Panel
6:10	94-2551	1	Decal-Choke
6:11	98-8219	1	Decal-Throttle
6:12	98-8220	1	Decal-Speed Limiter
6:13	85-4730	1	Decal-Hyd. Oil Only
6:14	98-8235	1	Decal-Selector
6:15	98-4677	1	Decal-Aux. Power
8	99-1354	1	Loader ASM
8:2	32144-70	2	Screw-TAP
8:3	98-4871	7	Bushing-Tension
8:4	80-8010	4	Decal-Warning
8:5	98-9051	1	Decal-Danger
8:6	98-4682	1	Decal-Caution
10	98-4690	1	Quick Attach ASM

Ref. No.	Part No.	Qty.	Description
10:1	32121-94	2	Pin-Spirol
10:2	98-4691	1	Mount-Quick Attach
10:3	98-4692	2	Cam-Quick Attach
10:4	98-4693	2	Pin-Quick Attach
10:5	98-4694	2	Spring-Compression
10:6	98-4871	1	Bushing-Tension
10:7	302-5	2	Fitting-Grease
11	32144-70	8	Screw-TAP
12	302-5	10	Fitting-Grease
13	99-1414	10	Pivot Pin
17	354-126	1	Fitting-Barb
18	61-2790	1	Filler-Screen
19	99-1351	1	Dipstick-Oil
20	93-7498	1	Plug-Plastic
21	237-123	1	O-Ring
22	5-2490	10	Bolt-Shoulder

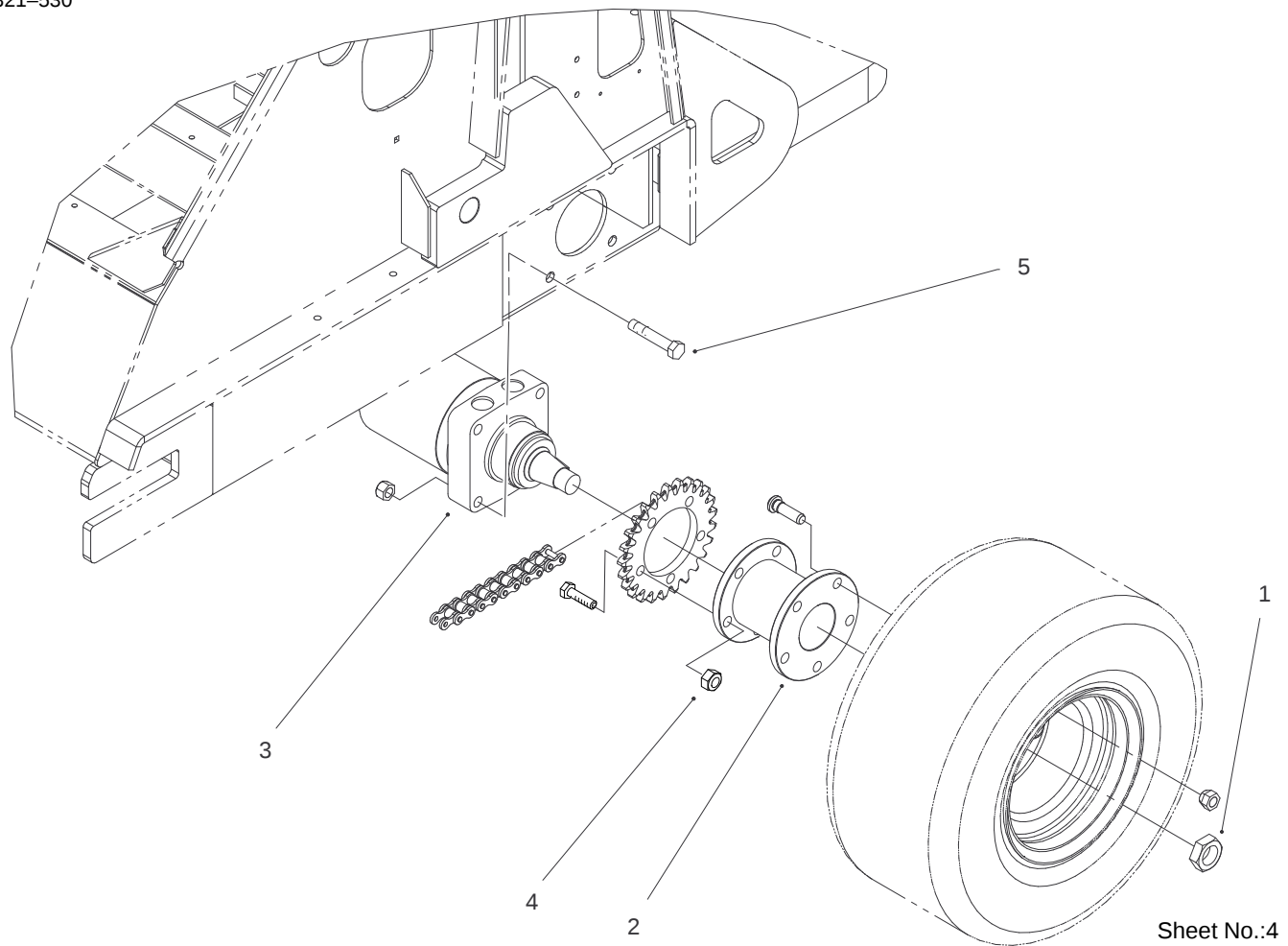


Sheet No.:3

Front Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	242-50	20	Nut-Lug
2	98-4709	4	Tire And Wheel ASM
2:1	106396	4	Tube
2:2	98-4753	4	Wheel
2:3	98-4757	4	Tire
3	95-7152	2	Protector-Bearing
4	32136-5	2	Nut-Hex Slot
5	3256-28	2	Washer-Flat
6	254-94	2	Cone-Bearing
7	254-72	2	Cup-Bearing
8	98-4823	2	Hub-Front
9	325-7	20	Screw-HH
10	254-107	2	Inner Bearing Cup
11	254-106	2	Inner Bearing Cone
12	98-4705	2	Seal-Wheel Bearing
13	98-9937	4	Sprocket-25 Tooth
14	3296-23	20	Nut-Lock
15	3272-12	2	Pin-Cotter
16	98-4825	1	Axle-Front
17	98-4706	2	Tension Bolt
18	3218-7	2	Jam Nut
19	98-4906	2	Chain-Roller
19:1	98-9089	2	Link-Connecting
20	10-6830	20	Stud-Drive Type
21	99-1384	2	Boot-Protector

Ref. No.	Part No.	Qty.	Description

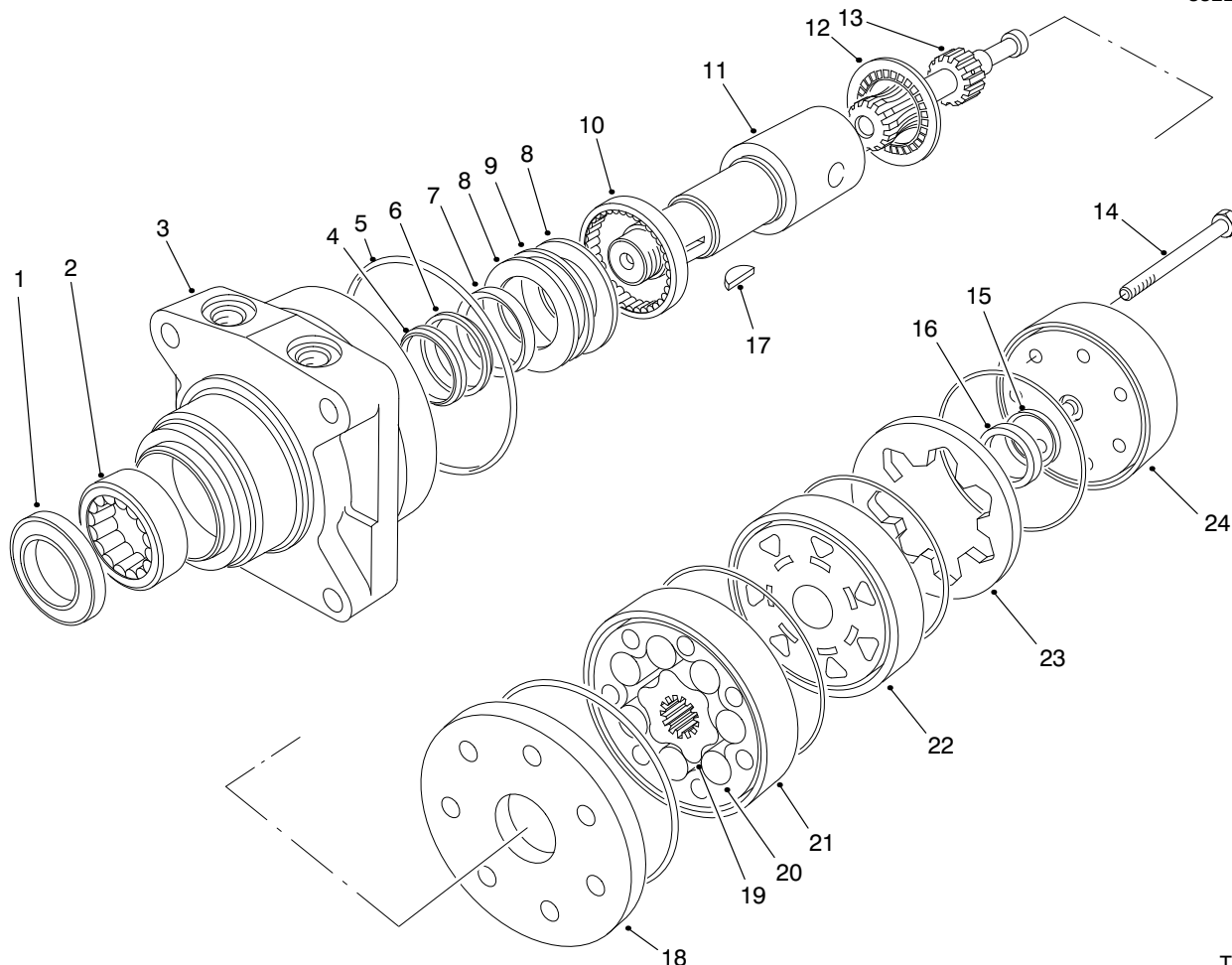


Rear Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	26-3790	2	Nut-Lock
2	98-4822	2	Hub-Rear
3	98-4704	2	Hydraulic Motor ASM
*3:1	94-8178	2	Seal Kit-Wheel Motor
4	3296-23	8	Nut-Lock
5	325-11	8	Screw-HH

Ref. No.	Part No.	Qty.	Description

* Not illustrated



T-0983

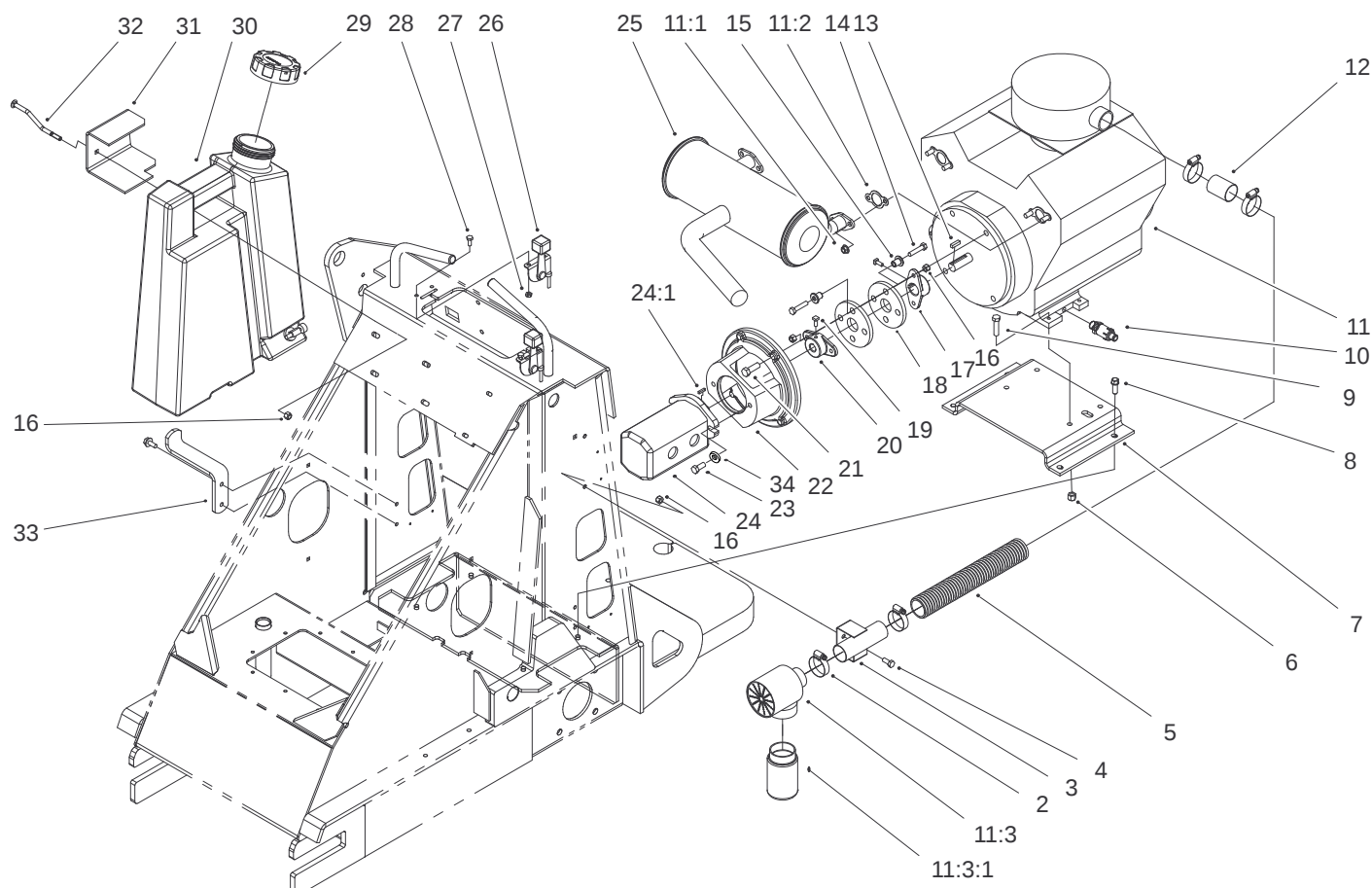
Hydraulic Motor Assembly No. 98-4704

Ref. No.	Part No.	Qty.	Description
†1	94-8178	5	Ring – Seal
†2		1	Bearing
†3		1	Housing
†4		1	Washer
†5		5	Ring – Seal
†6		1	Washer – Back-Up
†7		1	Seal – Inner
†8		2	Washer – Thrust
†9		1	Bearing
†10		1	Bearing
†11		1	Shaft – Coupling
†12		1	Bearing – Thrust
†13		7	Link – Drive
†14		1	Screw – Cap Hex. Hd.
†15		1	Seal – Commutator
†16		1	Commutator
†17		1	Key – Woodruff
†18		1	Plate – Wear
†19		1	Rotor
†20		7	Vane
†21		1	Stator
†22		1	Manifold
†23		1	Ring – Commutator
†24		1	End Cover Assembly
*		1	Seal Kit (Incl. Ref.#1, 4-7 & 15)

Ref. No.	Part No.	Qty.	Description

* Not illustrated

† Not Serviced Separately



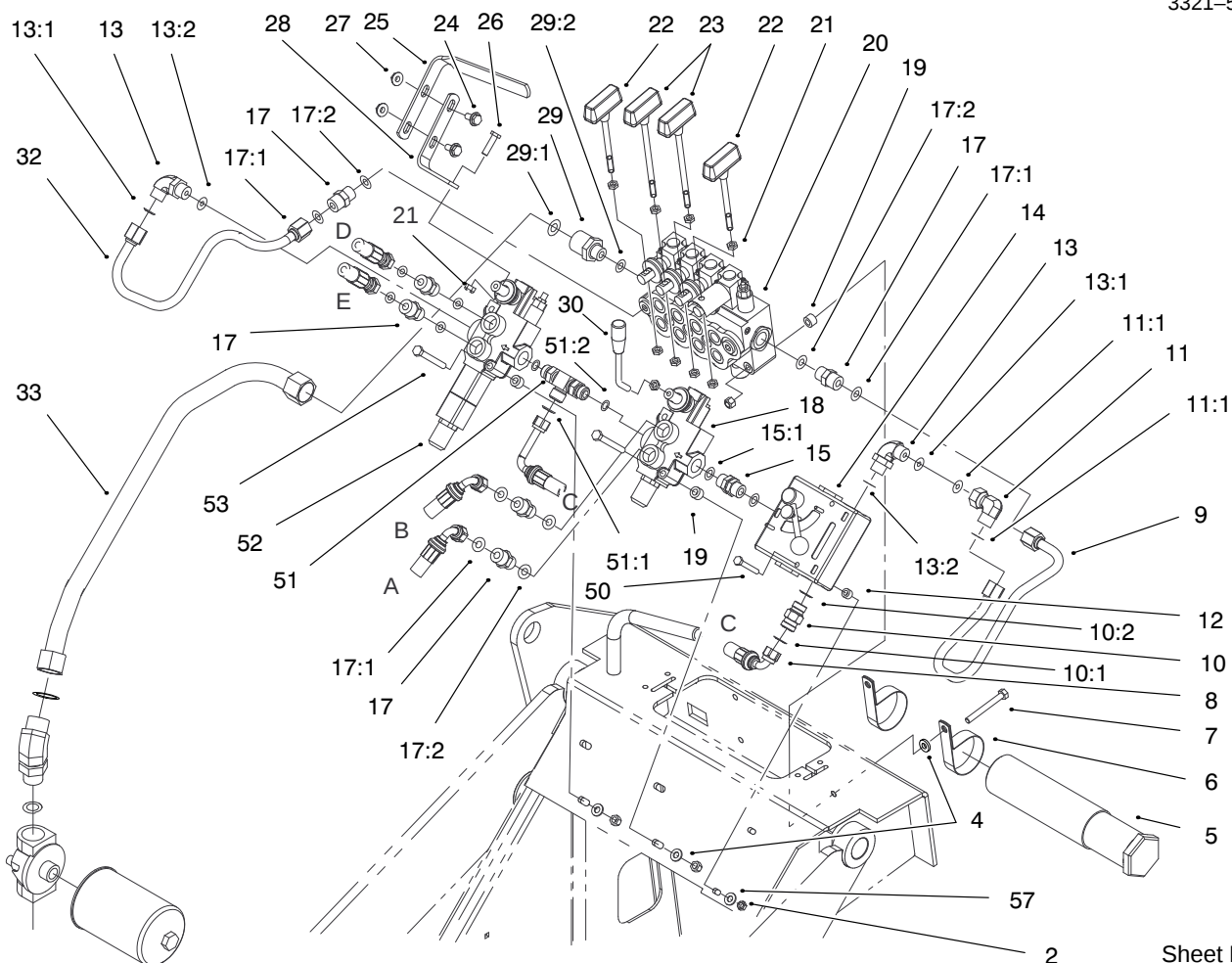
Sheet No.:5

Engine Assembly

Ref. No.	Part No.	Qty.	Description
2	2412-111	4	Clamp
3	98-9945	1	Tube ASM
4	322-3	1	Screw-HH
5	98-9073	1	Hose-Air
6	3296-39	4	Nut-Lock
7	98-4666	1	Mount-Engine
8	95-1726	4	Screw-Engine Mount
9	323-9	4	Screw-HH
10	92-6877	1	Valve-Oil Drain
11		1	Engine (CH22S 66551) Kohler 22 Hp.
11:1	92-6780	4	Nut-HHF
11:2	93-0350	2	Gasket-Exhaust
11:3	98-9903	1	Precleaner-Kohler
11:3:1	98-9904	1	Jar-Precleaner
12	98-9075	1	Tube-Air
13	10-7070	1	Key-Square
14	322-7	4	Screw-HH
15	71-4411	4	Spacer-Coupling
16	3296-29	17	Nut-Lock
17	27-1960	1	Hub-Engine
18	44-2230	2	Coupling-Rubber
19	3241-5	4	Set Screw
20	98-4701	1	Hub-Pump
21	324-6	4	Screw-HH
22	98-2751	1	Mount-Pump

Ref. No.	Part No.	Qty.	Description
23	3274-7	2	Screw-Socket Head
24	98-4702	1	Pump-Gear
24:1	98-4700	1	Key-Square
*24:2	99-1353	1	Seal Kit-Pump
25	98-9080	1	Muffler-Kohler 22
*25:1	98-9099	1	Spark Arrestor
26	85-9310	2	Control-Choke
27	3296-42	4	Nut-Lock
28	3234-33	4	Screw-HFW
29	88-3980	1	Gas Cap ASM
30	98-4654	1	Fuel Tank ASM
*30:1	104047	1	Bushing
*30:2	104048	1	Valve-Fuel
31	98-4655	1	Plate
32	98-4657	1	Bolt-Mount
33	98-4656	1	Mount-Tank
34	3256-38	2	Washer-Flat
*	2412-98	2	Clamp-Hose
*	98-4667	1	Hose-Drain
*	98-4668	1	Line-Fuel

* Not illustrated



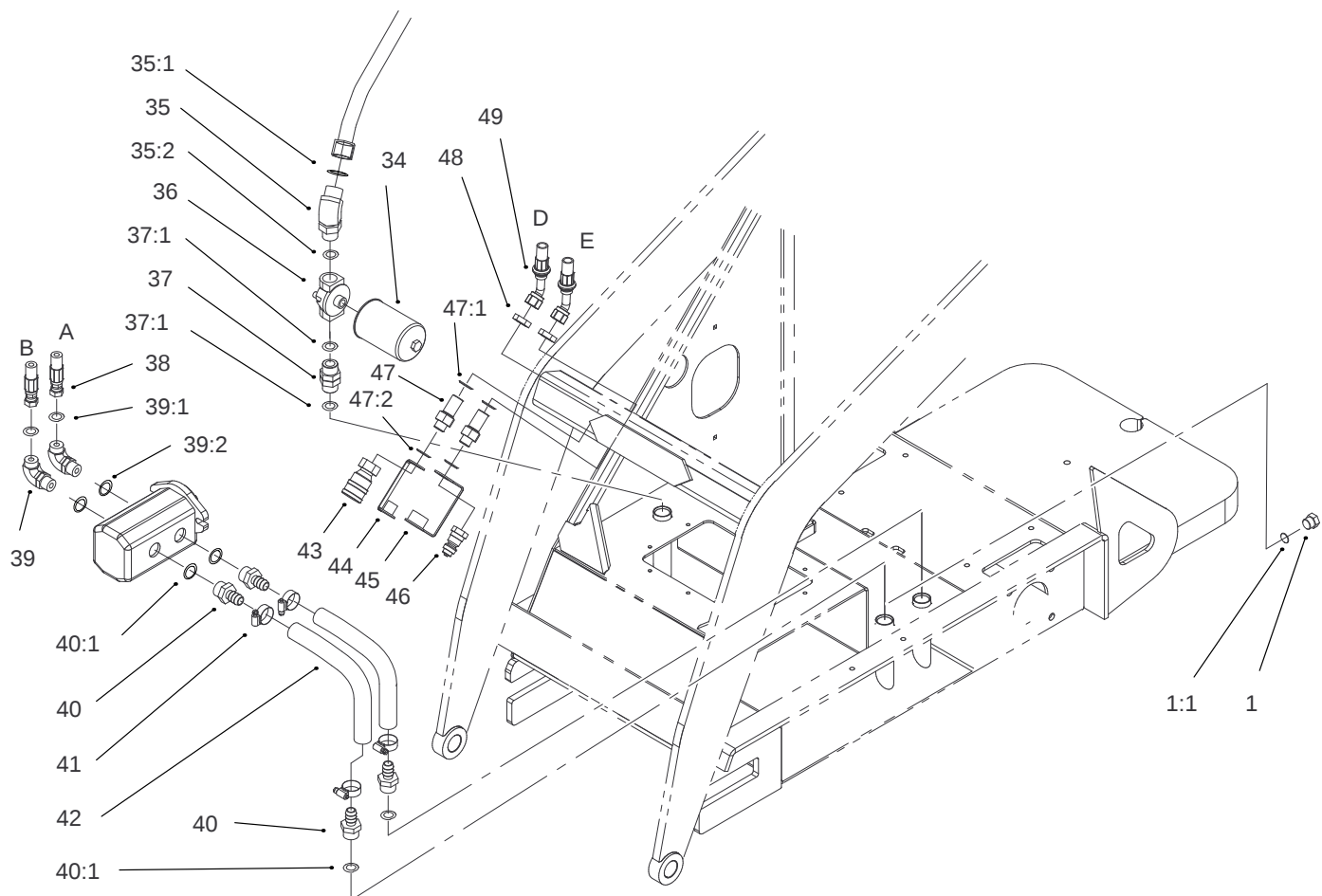
Sheet No.:6

Hydraulic Assembly

Ref. No.	Part No.	Qty.	Description
2	3296-42	2	Nut-Lock
4	3256-23	7	Washer-Flat
5	74-0720	1	Tube-Manual
6	2412-133	2	R-Clamp
7	322-20	3	Screw-HH
8	98-4744	1	Hose ASM
9	98-9917	1	Line-Hyd
10	98-4735	1	Valve-Hyd
10:1	237-30	1	O-Ring
10:2	237-79	1	O-Ring
11	94-6031	1	Fitting-Hyd
11:1	237-30	2	O-Ring
12	98-4799	2	Tube-Spacer
13	340-98	2	Fitting-Hyd
13:1	237-30	2	O-Ring
13:2	237-79	2	O-Ring
14	98-4733	1	Valve-Hyd
*14:1	98-9097	1	Seal Kit
*14:2	98-9098	1	Handle Kit
15	95-3209	1	Fitting
15:1	237-79	2	O-Ring
17	340-4	6	Fitting-Hyd
17:1	237-30	6	O-Ring
17:2	237-79	6	O-Ring
18	98-4731	1	Valve-Hyd
*18:1	98-4721	1	Seal Kit

Ref. No.	Part No.	Qty.	Description
19	98-4695	7	Tube-Spacer
20	98-4732	1	Valve-Hyd
*20:1	98-4720	1	Seal Kit
21	42-9580	10	Nut-Hex
22	98-4671	2	Handle ASM
23	98-4670	2	Handle ASM
24	3234-5	2	Screw-HHF
25	98-9090	1	Grip-Control
26	33104-030	1	Screw-HHF
27	32128-44	2	Nut-Flange
28	99-1376	1	Mount-Control
29	98-9921	1	Fitting-Straight Thread
29:1	237-145	1	O-Ring
29:2	237-79	1	O-Ring
30	98-4729	1	Lever-Valve
32	98-4724	1	Line-Hyd
33	98-4749	1	Line-Hyd
50	321-14	2	Screw-HH
51	98-9079	1	Adapter-Tee
51:1	237-30	1	O-Ring
51:2	237-79	2	O-Ring
52	98-4730	1	Valve-Hyd
*52:1	98-4721	1	Seal Kit
53	322-13	4	Screw-HH
57	3256-22	2	Washer-Flat

* Not illustrated

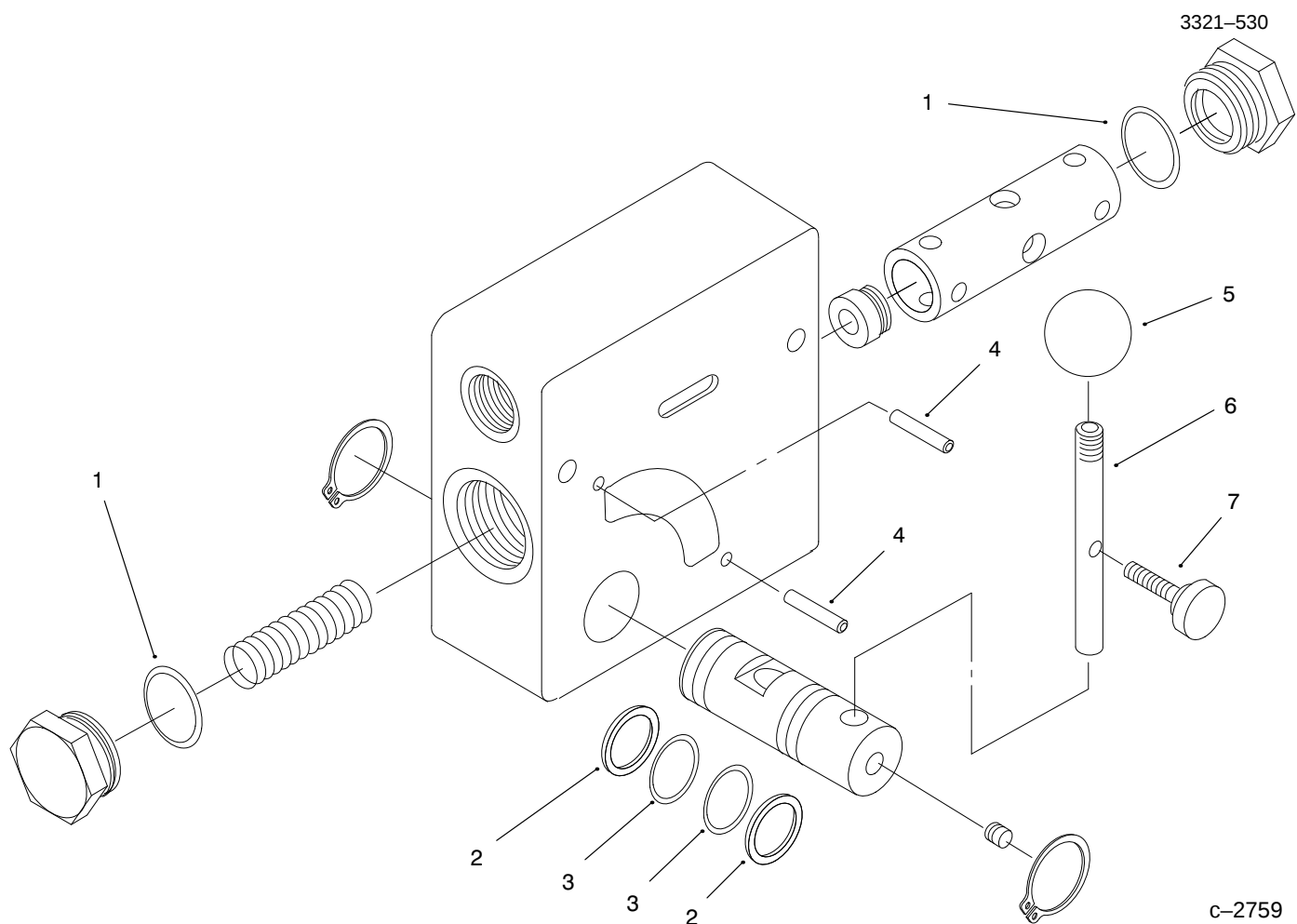


Sheet No.:61

Hydraulic Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	353-988	1	Plug-Hex	48	340-127	2	Nut-Bulkhead
1:1	237-79	1	O-Ring	49	98-4728	2	Hose-Hyd
34	54-0110	2	Filter-Oil	*	3290-378	8	Tie-Cable
35	98-0657	1	Fitting-Hyd 45°	*	3296-27	1	Nut-Lock
35:1	237-145	1	O-Ring				
35:2	237-81	1	O-Ring				
36	92-5821	1	Filter Head ASM				
37	98-9906	1	Fitting-Straight Thread				
37:1	237-81	2	O-Ring				
38	98-4747	2	Hose-Hyd				
39	340-105	2	Fitting-Elbow				
39:1	237-30	2	O-Ring				
39:2	237-80	2	O-Ring				
40	354-73	4	Fitting-Hyd				
40:1	237-81	4	O-Ring				
41	2412-129	4	Clamp-Hose				
42	98-2713	1	Hose-Hyd				
43	98-4699	1	Female-Quick Disconnect				
44	98-9913	1	Dust Plug				
45	98-9912	1	Dust Cap				
46	98-4698	1	Male-Quick Disconnect				
47	98-9907	2	Union-Bulkhead				
47:1	237-30	2	O-Ring				
47:2	237-79	2	O-Ring				

* Not illustrated

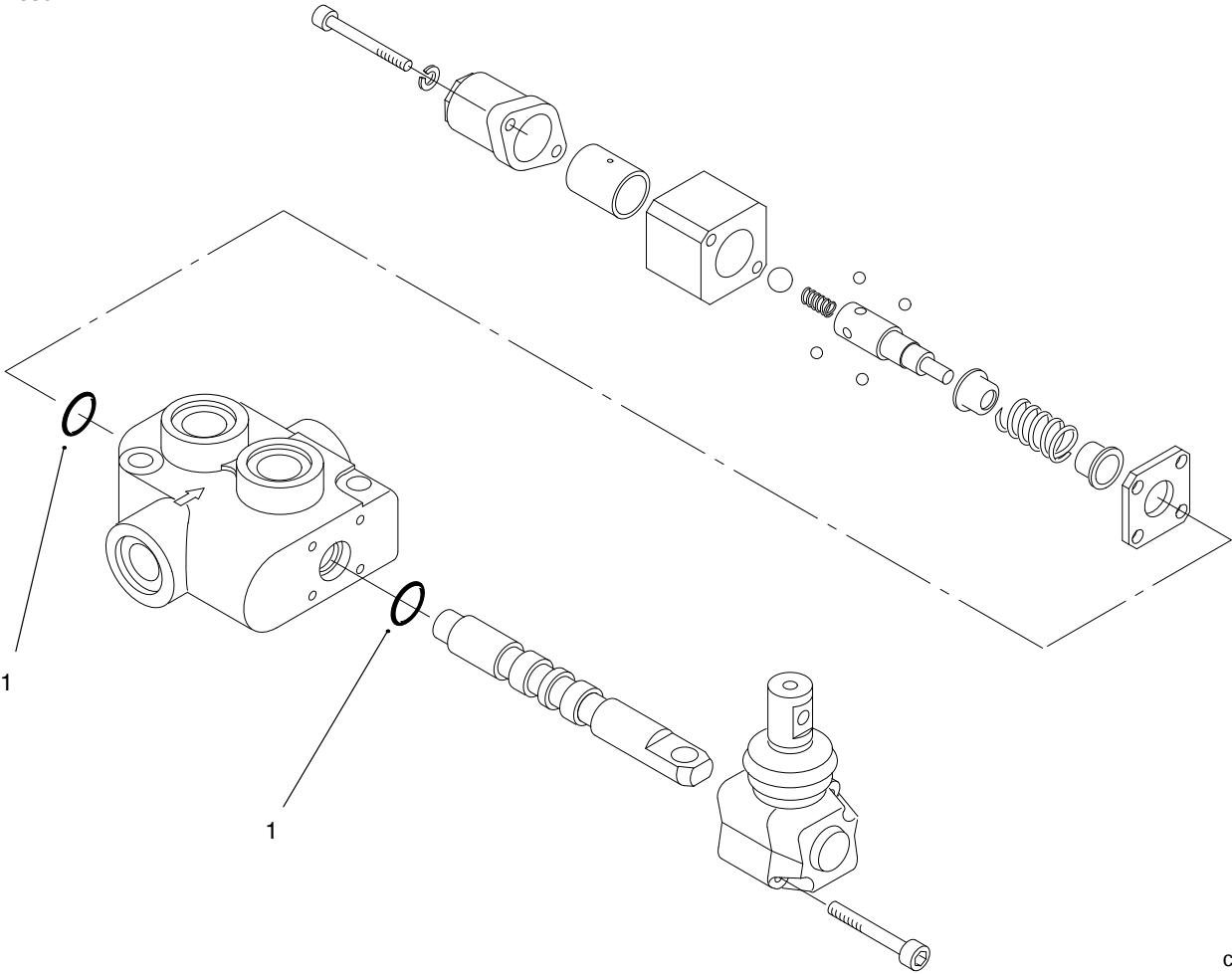


Hydraulic Valve Assembly No. 98-4733

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)

Ref. No.	Part No.	Qty.	Description

* Not illustrated
† Not Serviced Separately



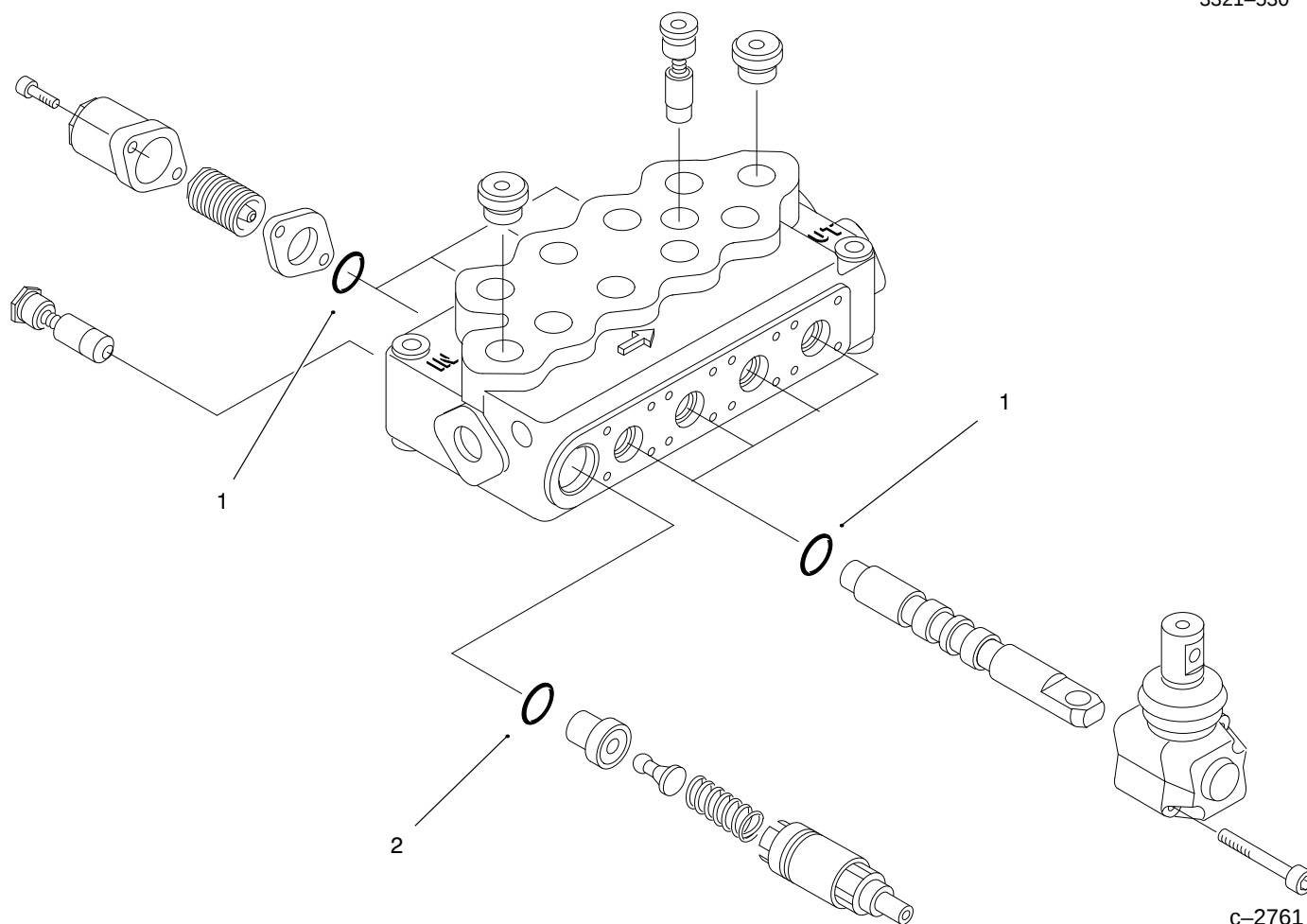
c-2760

Hydraulic Valve Assembly No. 98-4731

Ref. No.	Part No.	Qty.	Description
†1 *	98-4721	2 1	O-Ring Seal Kit (Incl. Ref.#1)

Ref. No.	Part No.	Qty.	Description

* Not illustrated
† Not Serviced Seperately



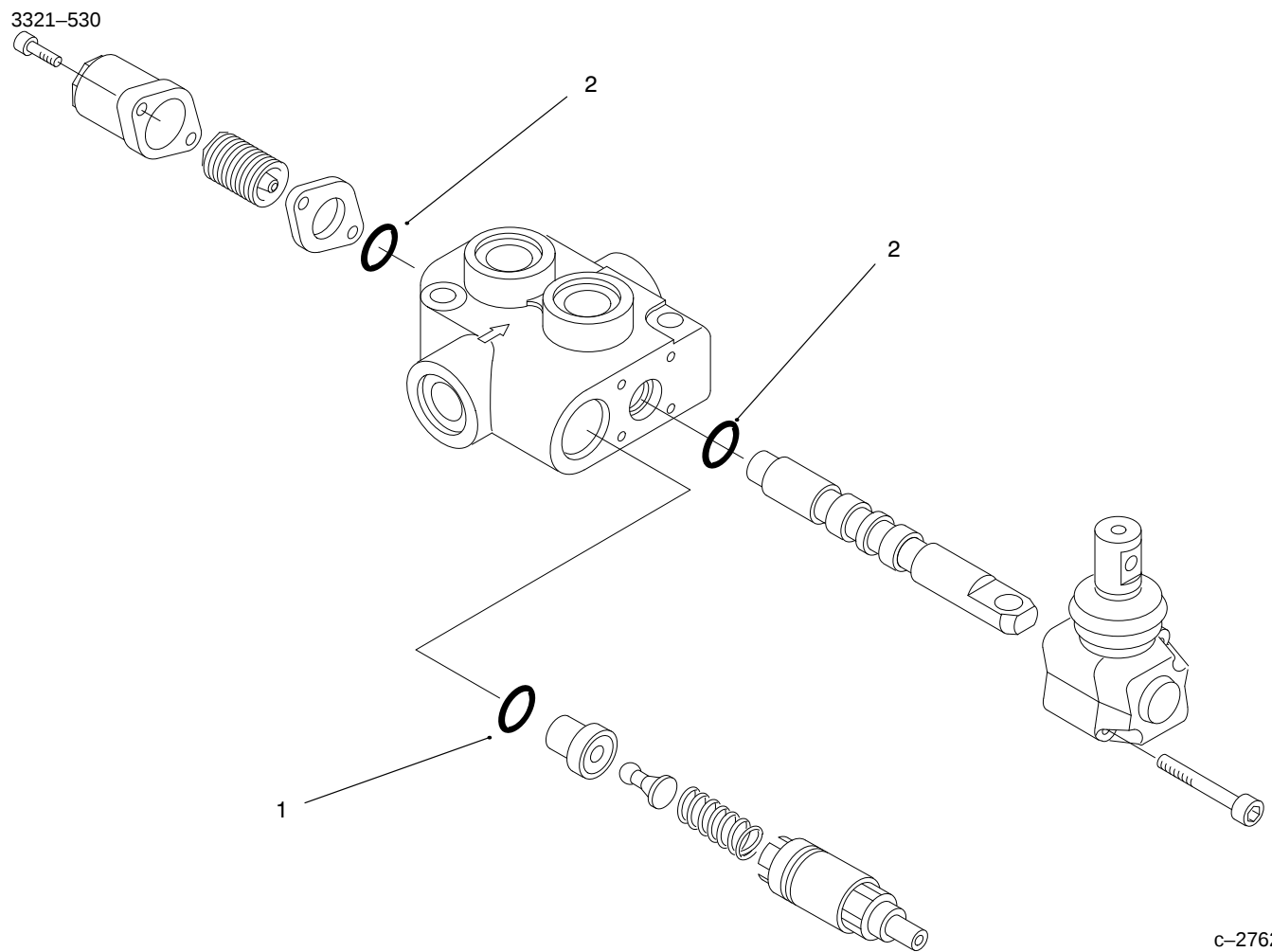
Hydraulic Valve Assembly No. 98-4732

Ref. No.	Part No.	Qty.	Description
†1	98-4720	8	O-Ring
†2		1	O-Ring
*		1	Seal Kit (Incl. Ref.# 1 & 2)

Ref. No.	Part No.	Qty.	Description

* Not illustrated

† Not Serviced Separately



c-2762

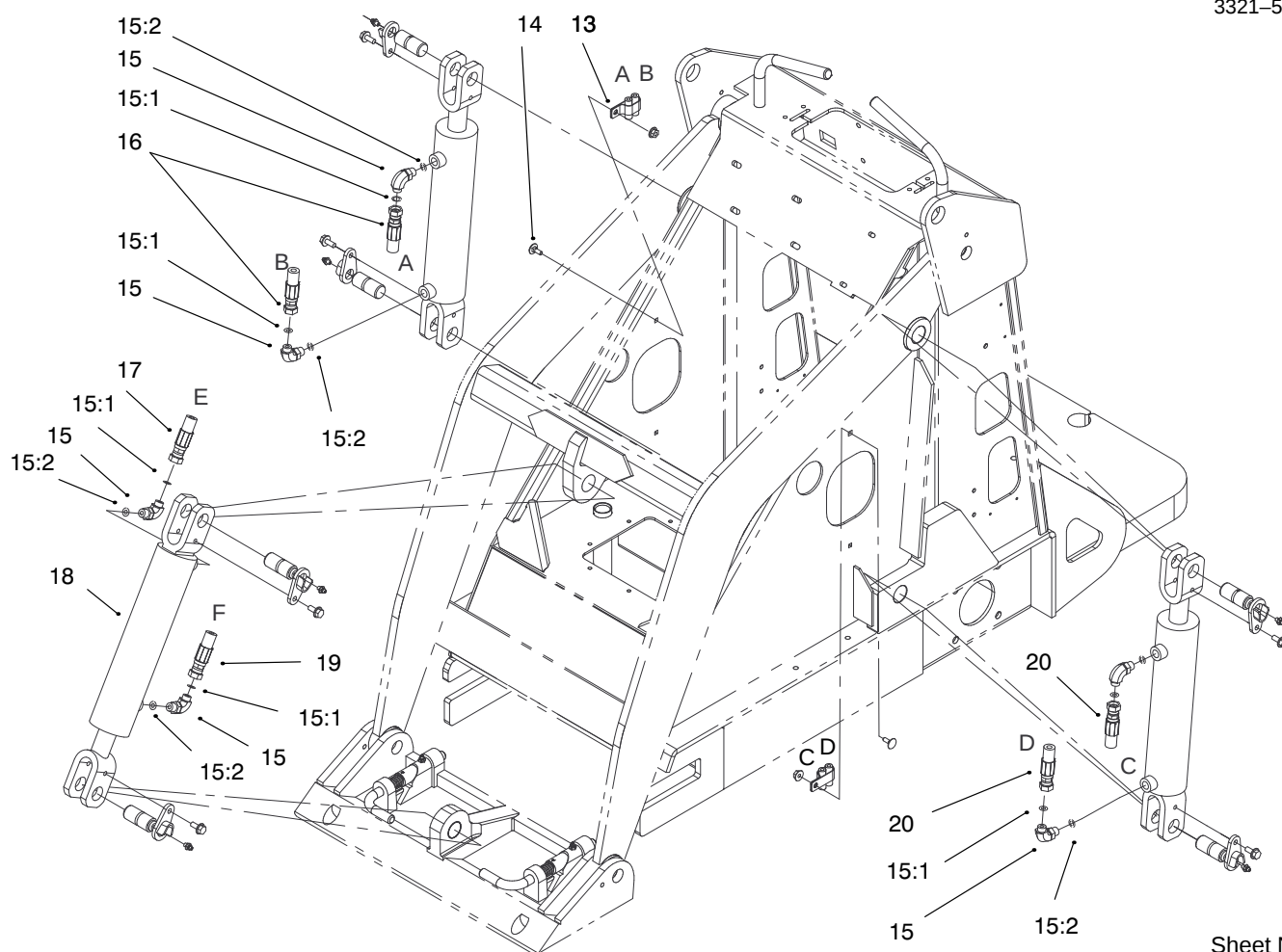
Hydraulic Valve Assembly No. 98-4730

Ref. No.	Part No.	Qty.	Description
†1	98-4721	1	O-Ring
†2		2	O-Ring
*		1	Seal Kit (Incl. Ref.# 1 & 2)

Ref. No.	Part No.	Qty.	Description

* Not illustrated

† Not Serviced Separately



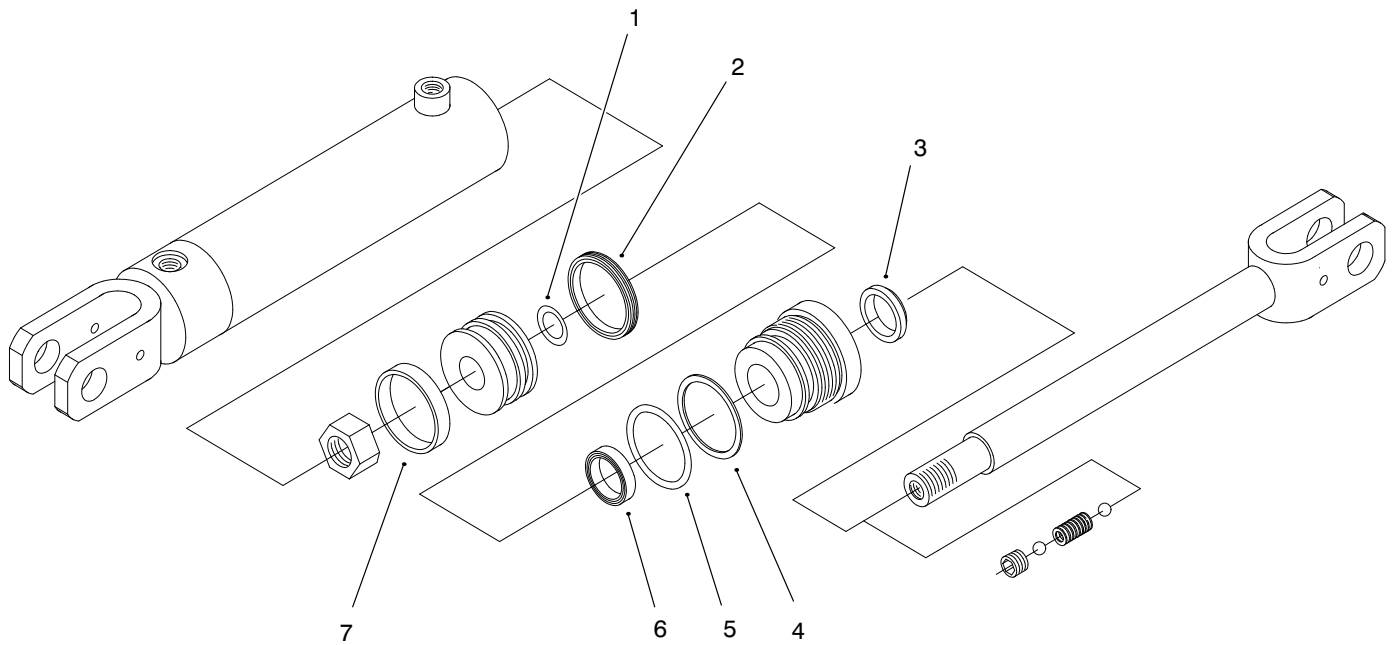
Sheet No.:7

Hydraulic Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
13	2412-137	2	Clamp-R
14	3230-2	2	Bolt-CARR
15	340-82	6	Adapter
15:1	237-42	6	O-Ring
15:2	237-75	6	O-Ring
16	98-4725	2	Hose-Hyd
17	98-4727	1	Hose-Hyd
18	98-4710	3	Hydraulic Cylinder
*18:1	99-1352	3	Seal Kit-Cylinder
19	98-4726	1	Hose-Hyd
20	98-4748	2	Hose Hyd
*	283-52	2	Pin-Clevis
*	3290-467	2	Pin-Cotter
*	98-4675	2	Lock-Cylinder

Ref. No.	Part No.	Qty.	Description

* Not illustrated



c-2763

Hydraulic Cylinder No. 98-4710

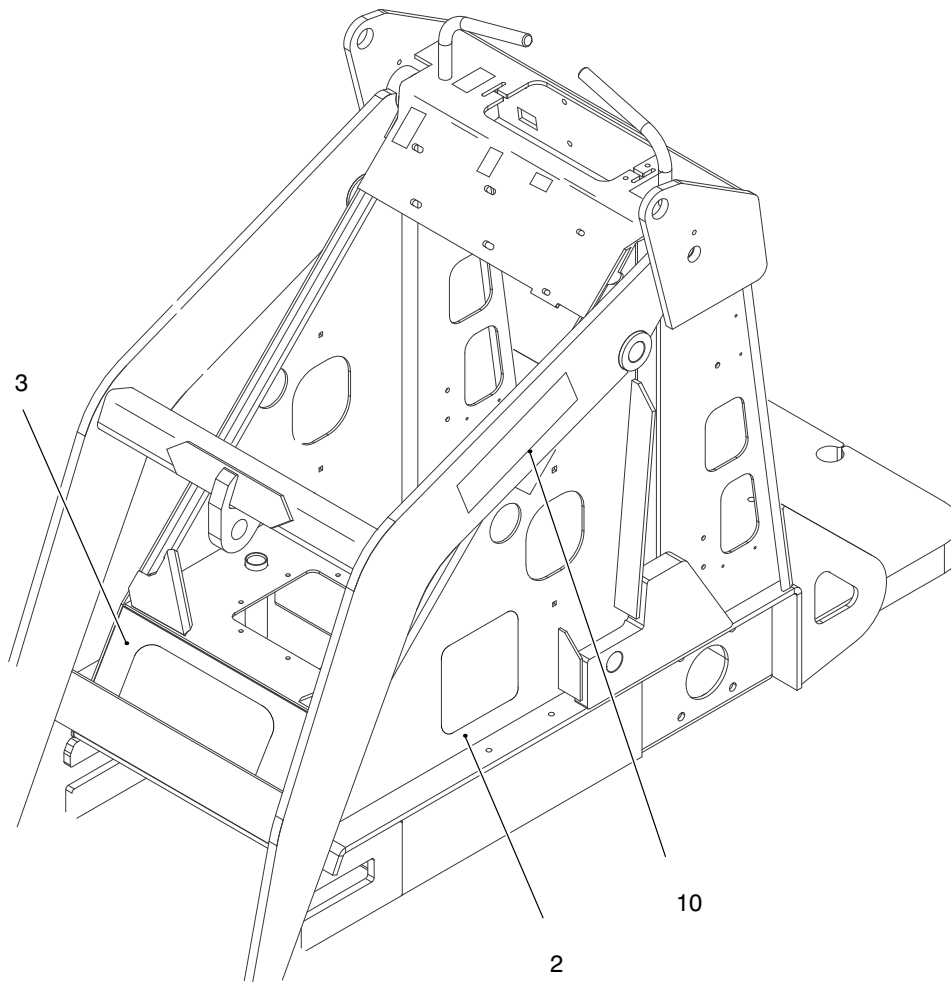
Ref. No.	Part No.	Qty.	Description
†1	99-1352	1	O-Ring
†2		1	PSP Seal
†3		1	Rod-Wiper
†4		1	Backup Washer
†5		1	O-Ring
†6		1	Polypak
†7		1	Wear Ring
* †		1	Seal Kit (Inlc. Ref. #1-7)

* Not illustrated

† Not Serviced Separately

Sheet No.:71

Ref. No.	Part No.	Qty.	Description



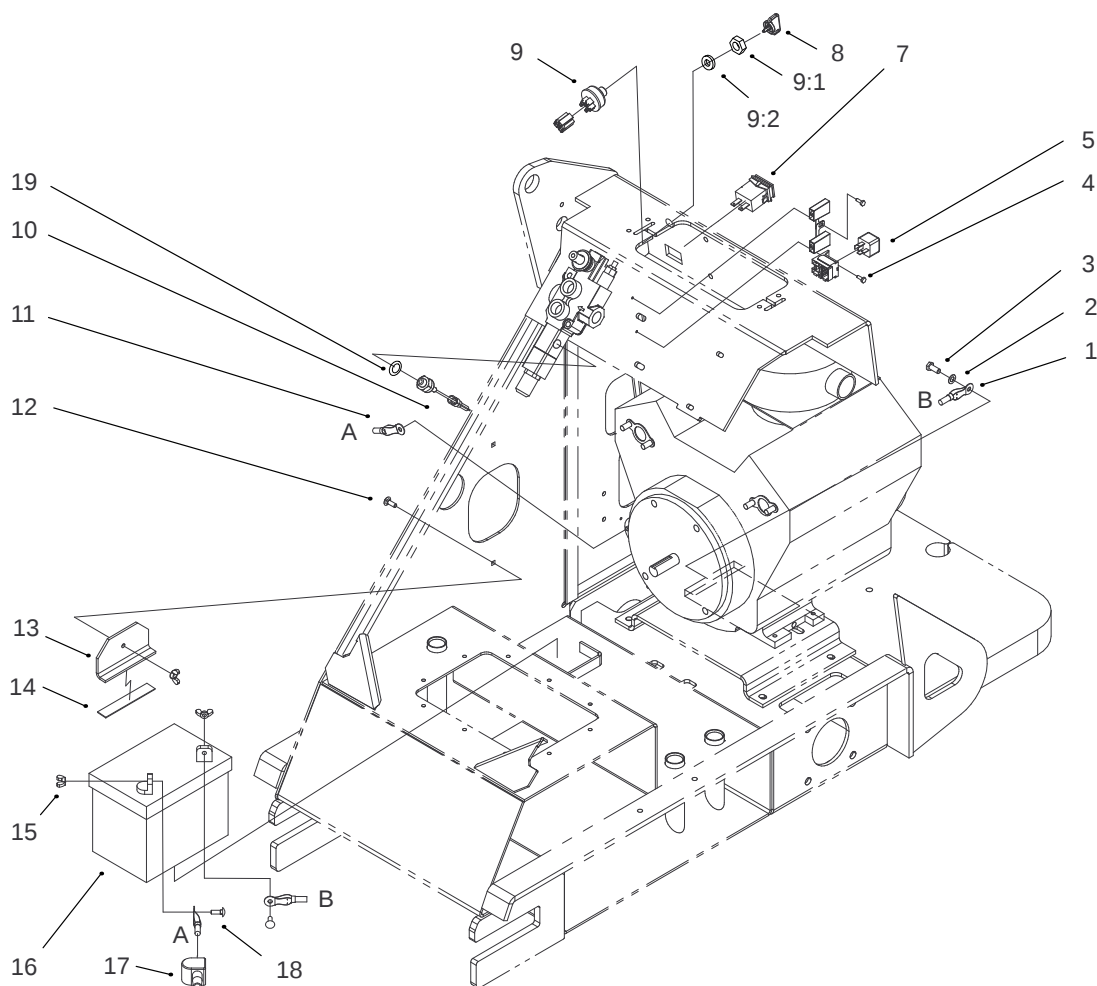
Sheet No.:8

Decal Locations

Ref. No.	Part No.	Qty.	Description
2	98-4680	2	Decal-Toro Site Works
3	98-4679	1	Decal-Front
10	98-8217	2	Decal-Dingo

Ref. No.	Part No.	Qty.	Description

* Not Illustrated



Sheet No.:9

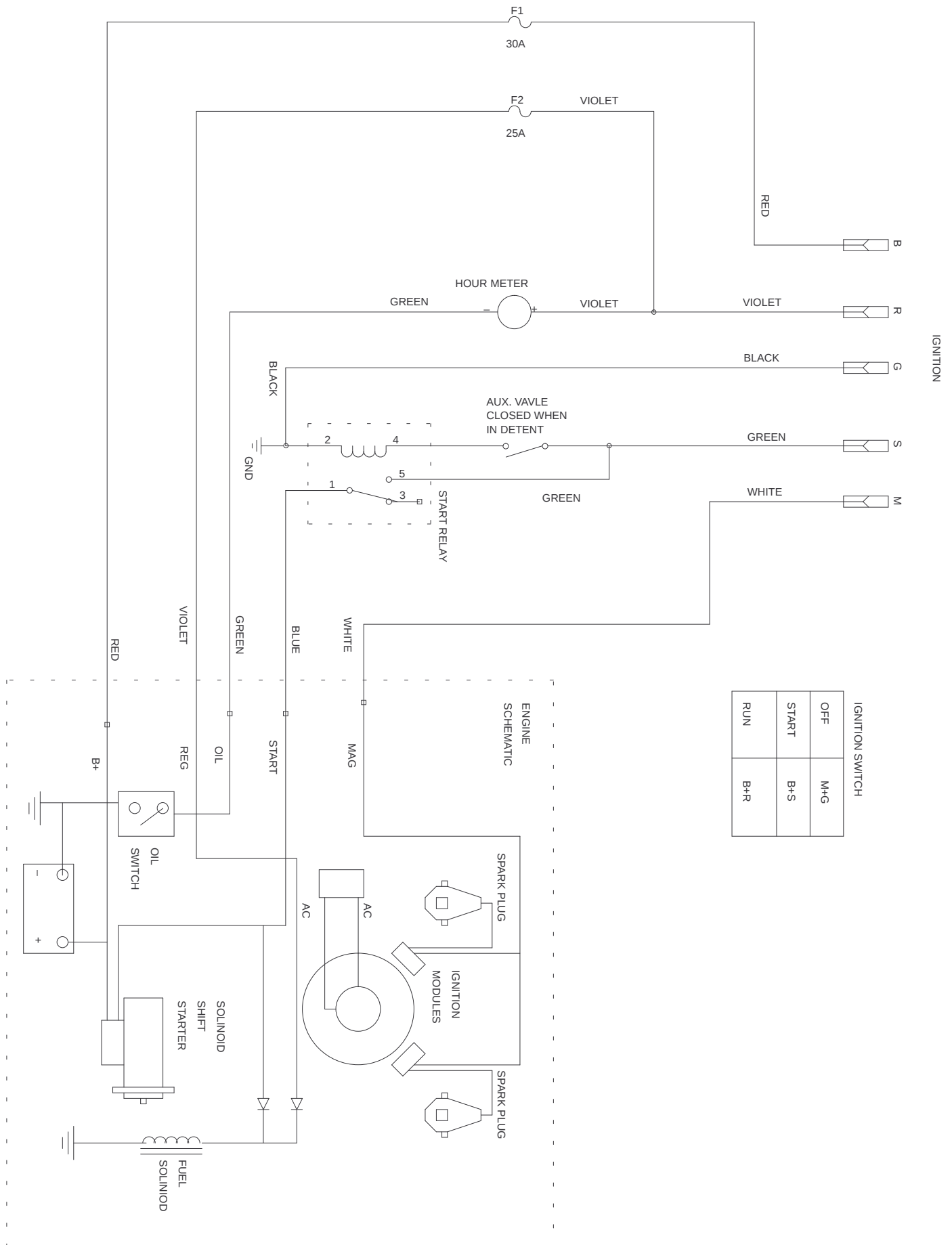
Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	111074	1	Cable-16" Lg.
2	3255-8	1	Washer-Lock
3	33114-020	3	Screw-HH
4	32144-87	2	Screw-HWH
5	98-7249	1	Relay
*	98-4650	1	Harness-Electrical
7	94-4208	1	Hourmeter
8	63-8360	2	Key-Ignition
9	116338	1	Switch-Ignition
9:1	101884	1	Nut-Hex
9:2	9201604	1	Washer-Lock
10	72-4310	1	Switch-Ball N C
11	92-6989	1	Cable-Battery Red
12	3229-1	1	Bolt-CARR
13	98-4658	1	Clamp-Battery
14	94-9566	1	Pad-Footrest
15	32103-22	3	Nut-Wing
16	94-1867	1	Battery
17	77-0981	1	Boot-Terminal
18	3234-4	2	Screw-HH
19	237-42	1	O-Ring
*	32144-18	2	Screw-HWH

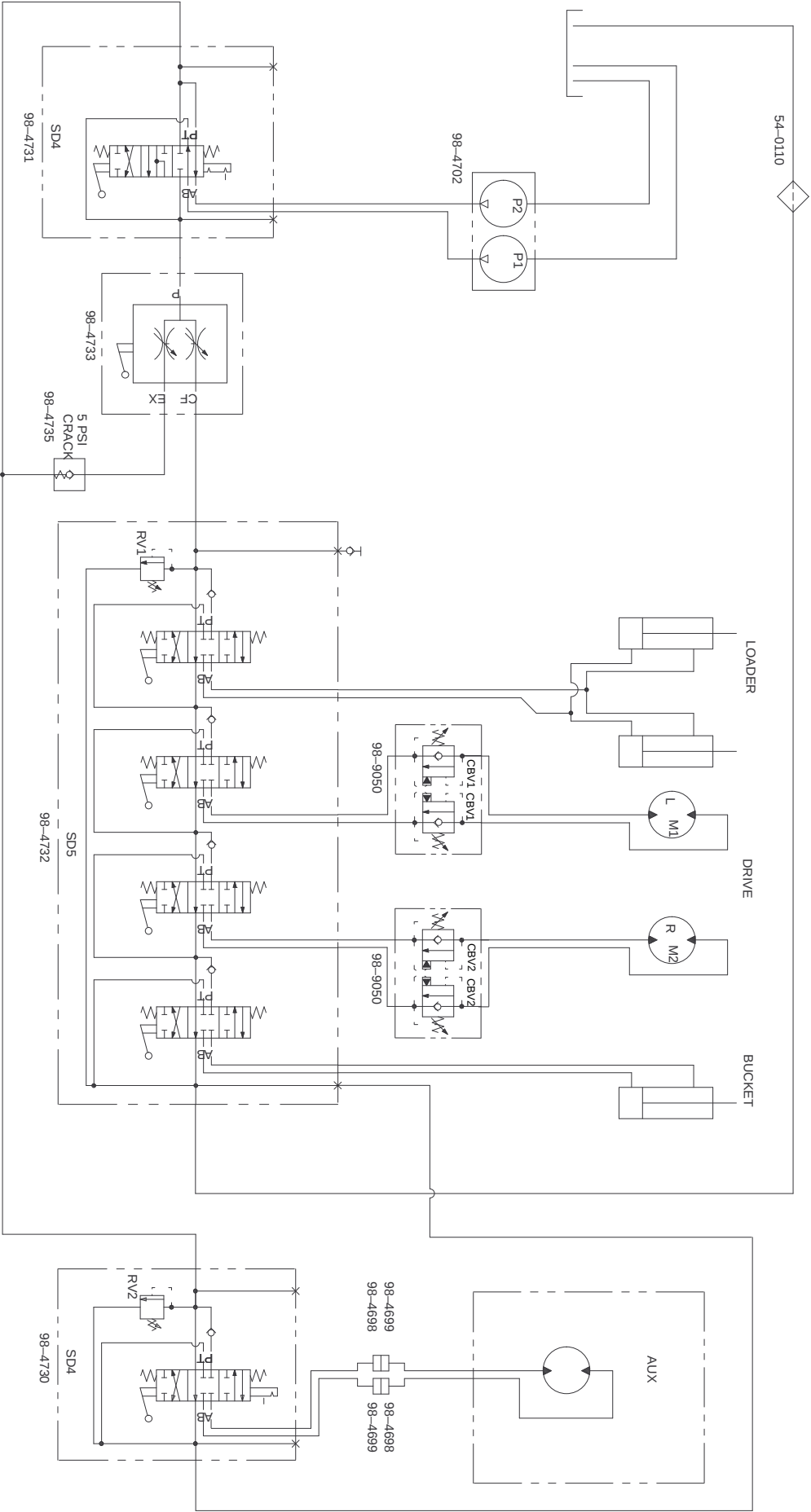
Ref. No.	Part No.	Qty.	Description

* Not illustrated

Electrical Schematic



Hydraulic Schematic



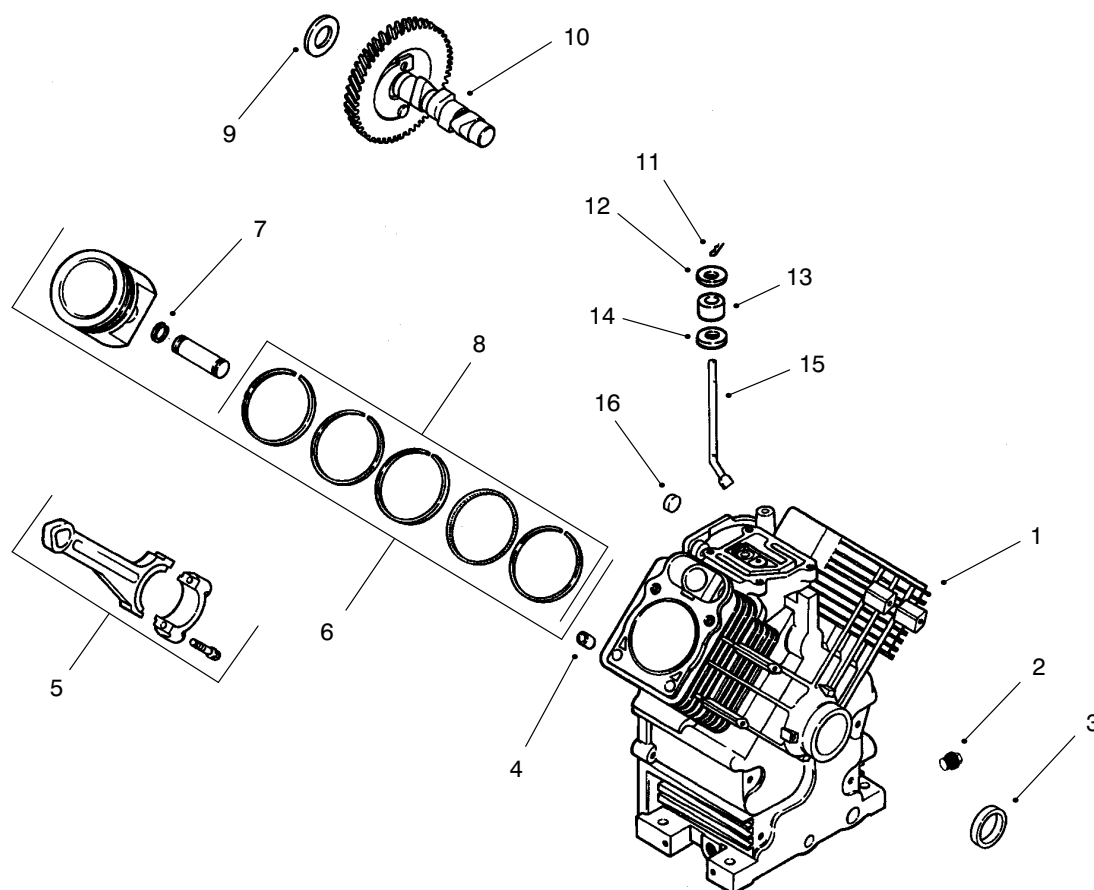
DISPLACEMENT AND PRESSURE CHART				
COMPONENT	DISPLACEMENT		PRESSURE	
COMPONENT	CU IN/REV	CU CM/REV	PSI	BARS
P1	0.55 CU IN	9 CC		
P2	0.24 CU IN	4 CC		
M1	29.1 CU IN	476 CC		
M2	29.1 CU IN	476 CC		
RV1			3000 PSI	207 BARS
RV2			3000 PSI	207 BARS
CBV1			1000 PSI	69 BARS
CBV2			1000 PSI	69 BARS

* FLOWRATE CALCULATED AT 3600 RPM AND 98% EFFICIENCY.



Ref. No.	Part No.	Description	No. Used

Obtain Parts From Kohler

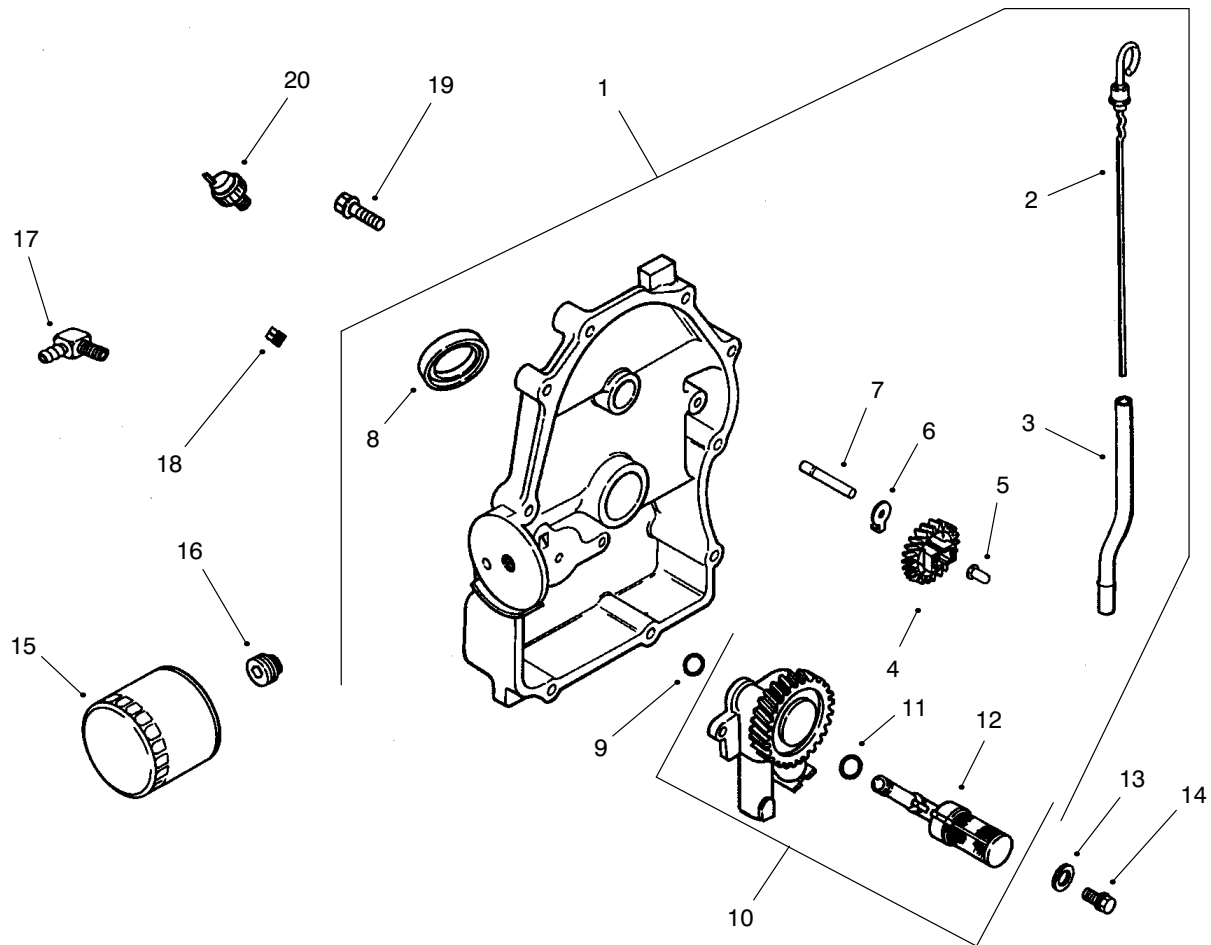


GROUP 2 – CRANKCASE

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

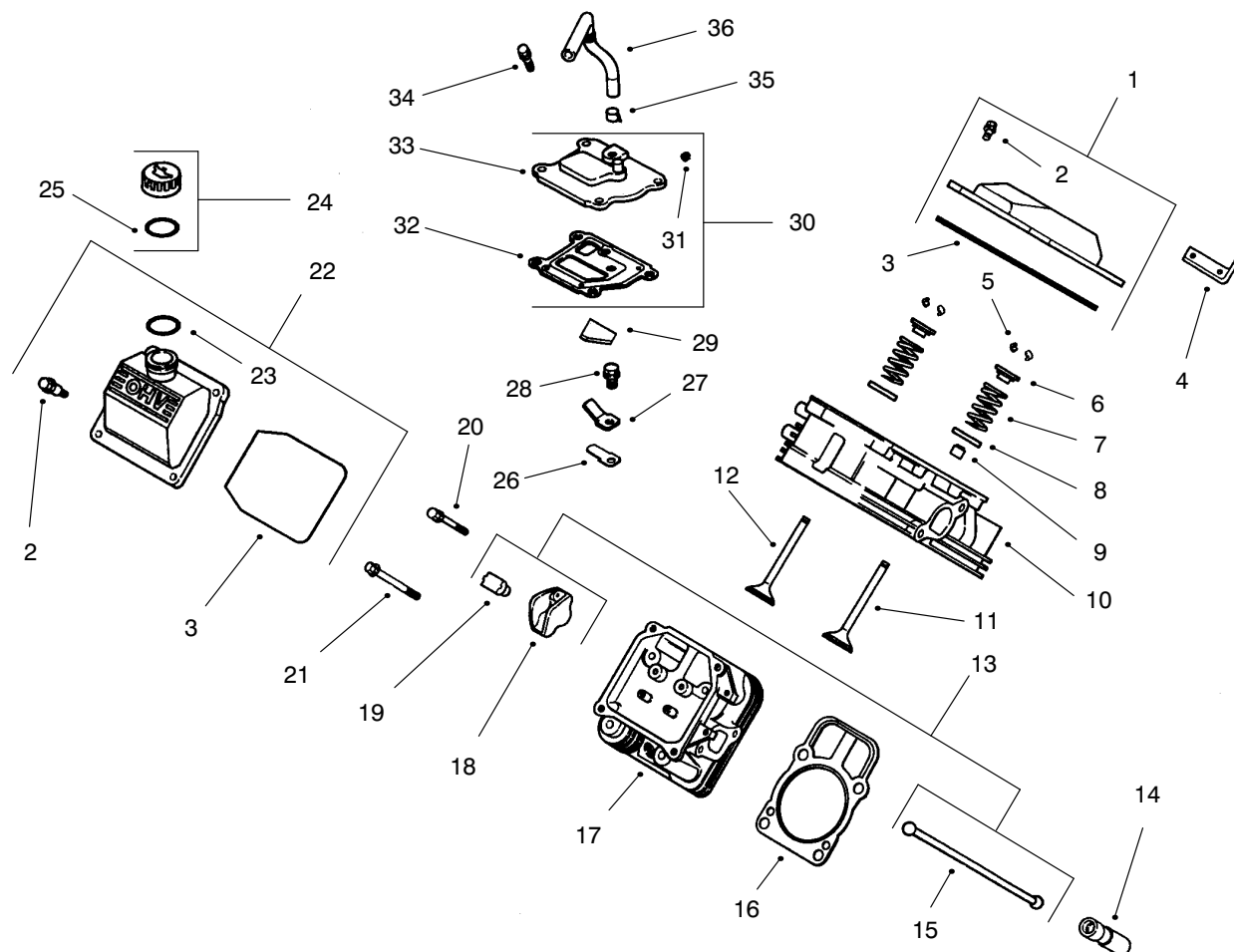


GROUP 3 – OIL PAN/LUBRICATION

Ref. No.	Part No.	Description	No. Used
1	24 009 82	Plate, closure assembly (Includes 2-12)	1
2	24 038 06	Dipstick	1
3	24 123 08	Tube, dipstick	1
4	24 043 12	Kit, governor gear (Includes 5)	1
5	12 380 01	Pin, governor regulating	1
6	52 448 02	Tab, locking	1
7	12 144 02	Shaft, governor gear	1
8	52 032 08	Seal, oil (PTO end)	1
9	24 153 08	O-Ring	1
10	24 393 10	Oil pump assembly (Includes 11,12)	1

Ref. No.	Part No.	Description	No. Used
11	24 153 01	O-Ring, oil pick-up	1
12	24 381 04	Pick-up, oil	1
13	M-0631005	Washer, plain 6 mm	2
14	M-0645025	Screw, hex. flange	2
15	52 050 02	Filter, oil	1
16	24 136 01	Nipple, oil filter	1
17	25 155 02	Connector	1
18	X-75-23	Plug, pipe	1
19	24 086 16	Screw, hex. flange	10
20	24 099 03	Switch, pressure	1

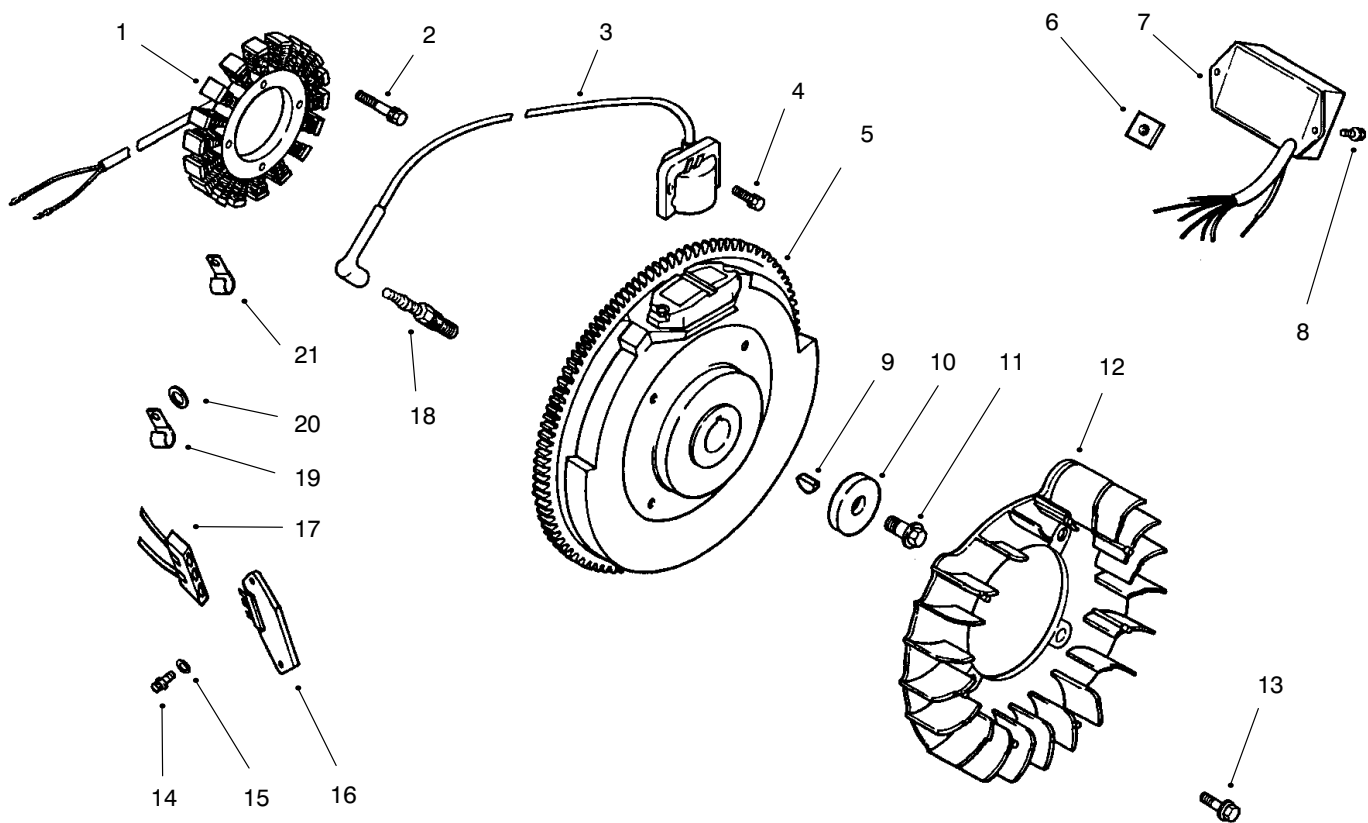
Obtain Parts From Kohler



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

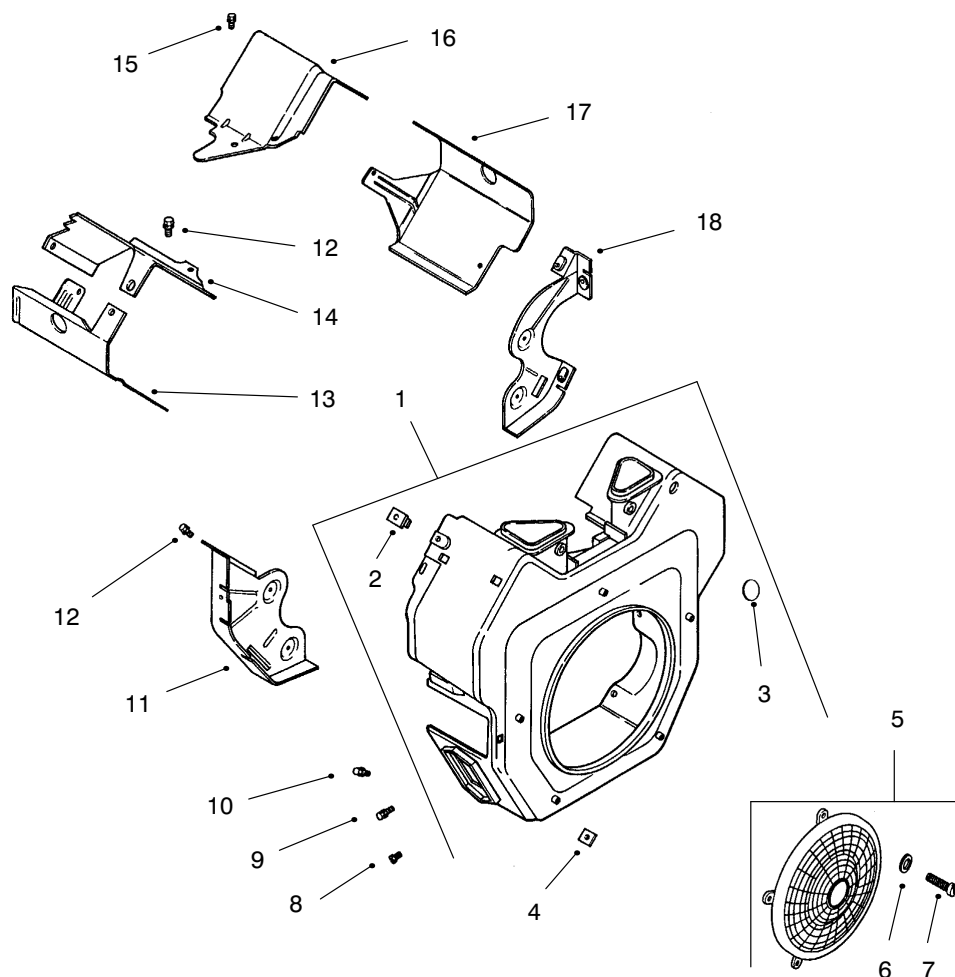


GROUP 5 – IGNITION/ELECTRICAL

Ref. No.	Part No.	Description	No. Used
1	54 755 09	Kit, 15 amp stator (Incl. 24 126 71 bracket)	1
2	M-0548025	Screw, hex. cap	2
3	24 584 11	Module, ignition	2
4	M-0561025	Screw, hex. socket hd	4
5	24 025 02	Flywheel	1
6	24 100 02	Nut, plastic	2
7	24 584 09	Module, speed advance	1
8	24 086 41	Screw	2
9	X-42-15	Key	1
10	12 468 03	Washer, plain	1
11	12 086 14	Screw, hex. flange	1
12	24 157 03	Fan	1
13	25 086 47	Bolt, shoulder	4
14	24 086 18	Screw, phillips hd.	2
15	X-25-92	Washer, plain	2

Ref. No.	Part No.	Description	No. Used
16	25 403 03	Rectifier-regulator	1
17	236602	Connector	1
18	12 132 02	Spark Plug	2
19	47 154 01	Clip, cable	1
20	X-25-63	Washer, plain	1
21	48 154 02	Clip, cable	1
		Not Illustrated	
	25 518 28	Lead, black, (4" – 18 gauge – insulated grip barrel eyelet terminals)	1
	24 176 42	Harness, wiring	1
	24 126 71	Bracket, stator wire	1
	X-22-11	Washer, lock	1
	X-25-63	Washer, plain	1

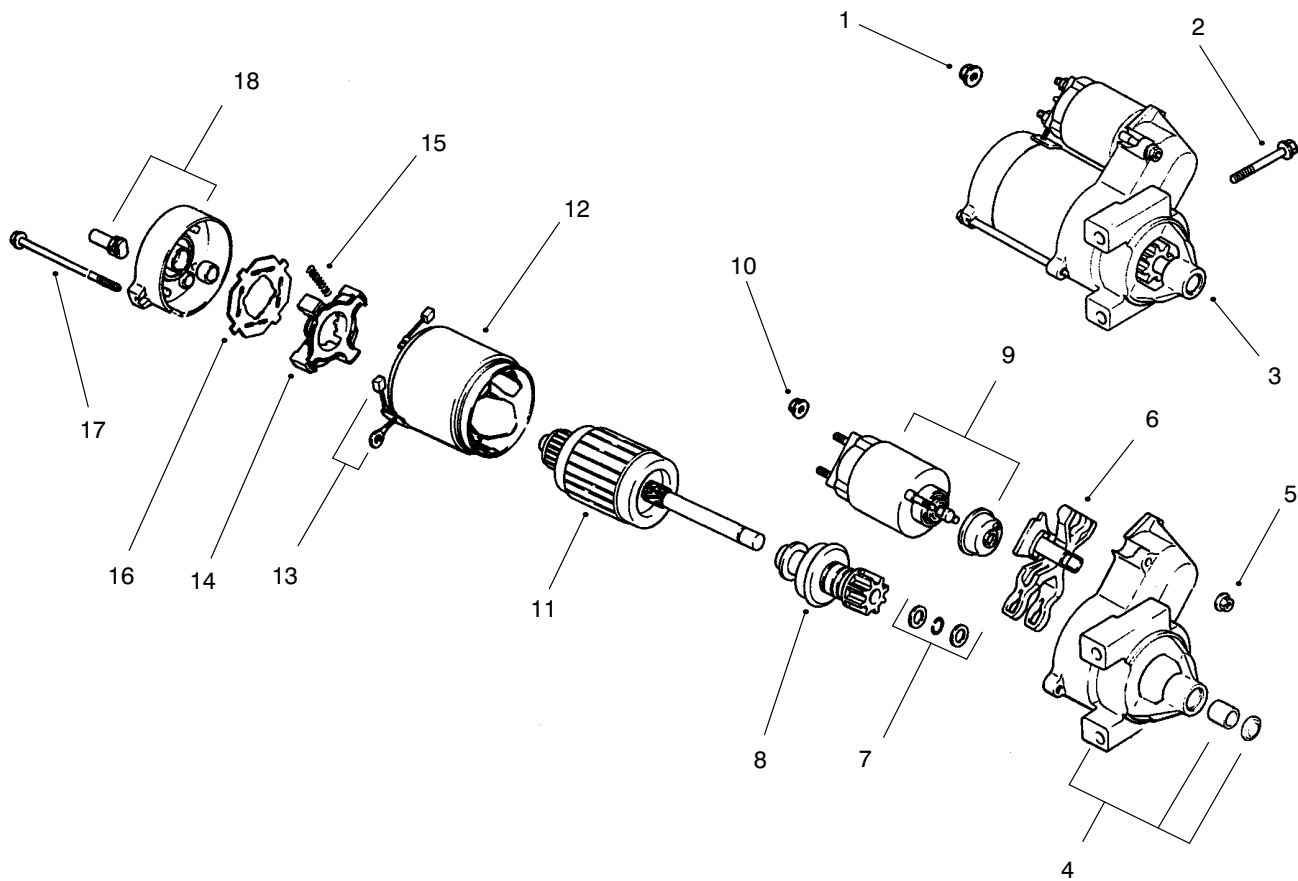
Obtain Parts From Kohler



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

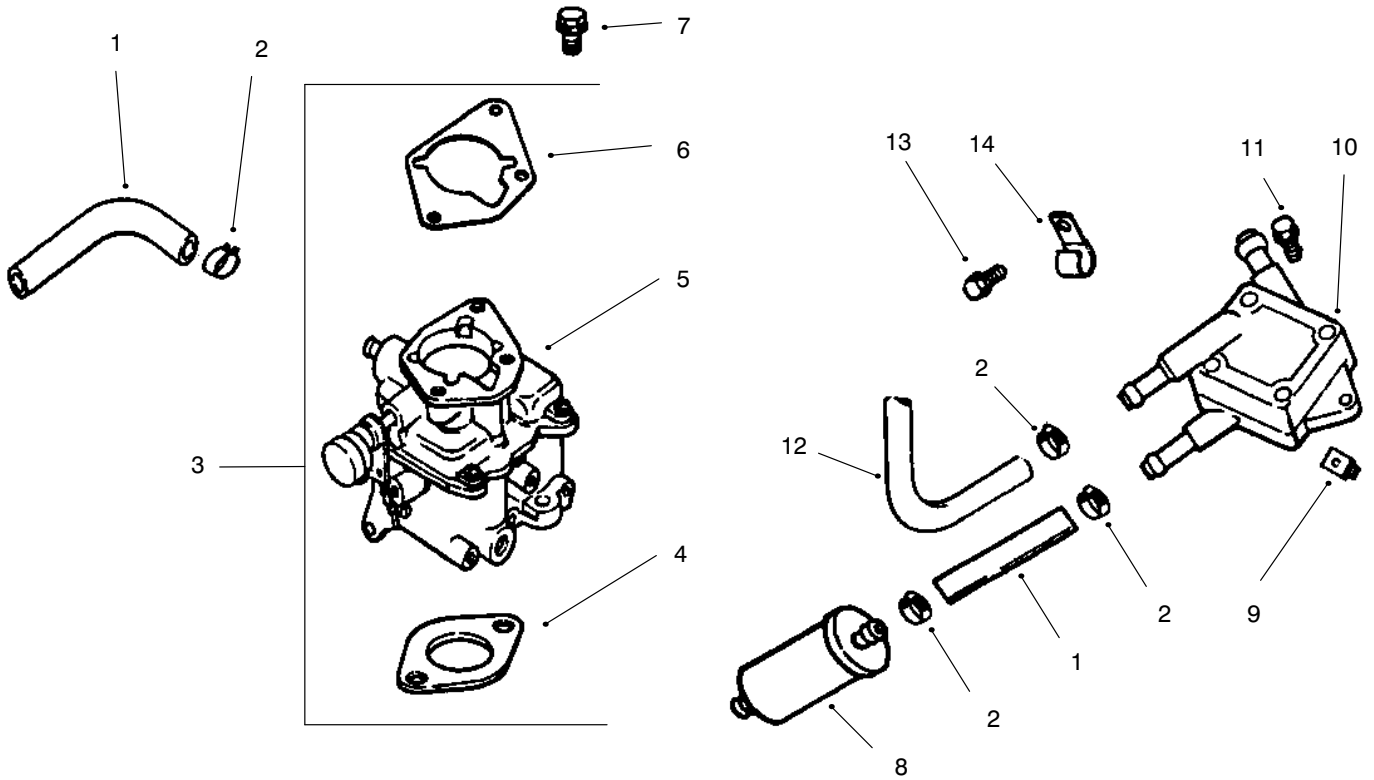


GROUP 7 – STARTING SYSTEM

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

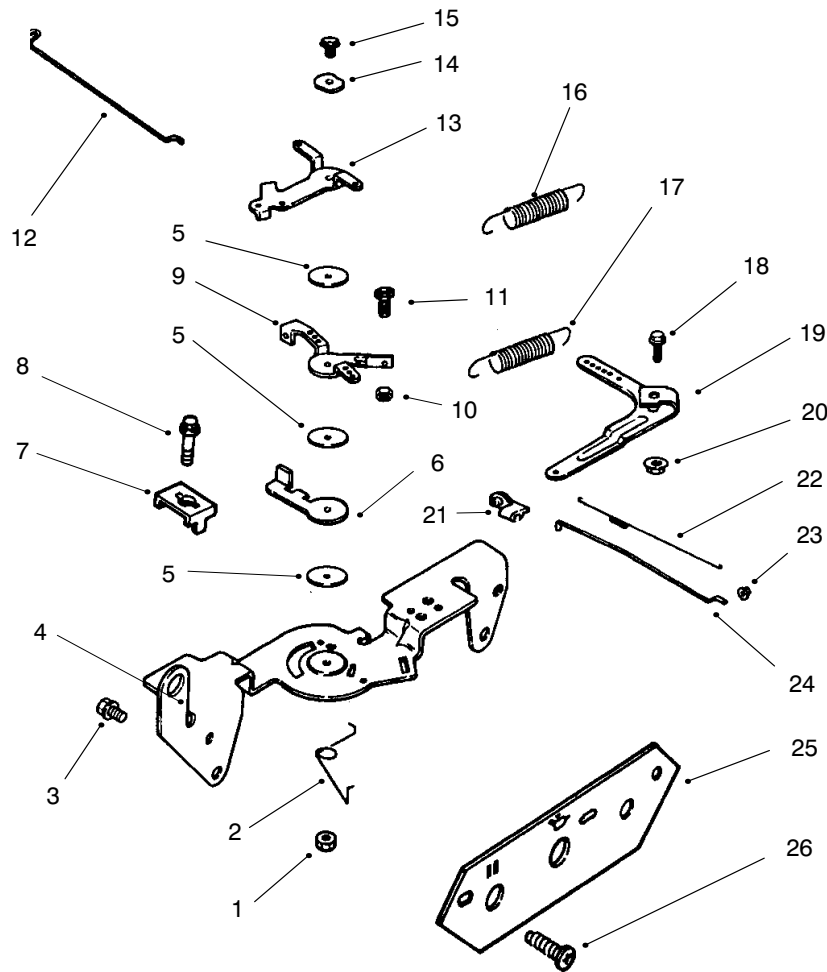


GROUP 8 – FUEL SYSTEM

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

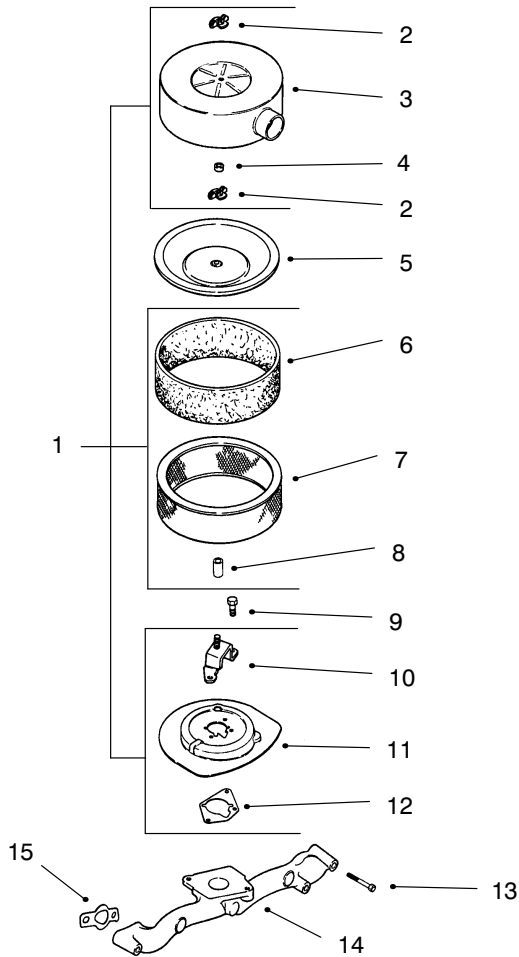


GROUP 9 – ENGINE CONTROLS

Ref. No.	Part No.	Description	No. Used
1	M-0547050	Nut, hex. lock	1
2	24 089 03	Spring, choke return	1
3	M-0645016	Screw, hex. flange	4
4	24 126 56	Bracket, control	1
5	24 468 01	Washer, plain	3
6	24 090 07	Lever, throttle actuator	1
7	12 237 01	Clamp, cable	2
8	M-0545016	Screw, hex. flange	2
9	24 090 03	Lever, throttle control	1
10	M-0446030	Nut, hex	1
11	M-0401030	Screw, hex. cap	1
12	24 079 02	Linkage, choke	1
13	24 090 05	Lever, choke	1
14	41 468 03	Washer, spring	1

Ref. No.	Part No.	Description	No. Used
15	M-0545020	Screw, hex. flange	1
16	24 089 38	Spring, throttle limiter	1
17	24 089 15	Spring, governor	1
18	SM-0642025	Screw, hex. flange	1
19	24 090 14	Lever, governor	1
20	M-0641060	Nut, hex. flange	1
21	25 158 11	Bushing, linkage retaining	1
22	24 089 01	Spring, linkage	1
23	25 158 08	Bushing, linkage retaining	1
24	24 079 01	Linkage, throttle	1
25	24 378 01	Panel, control	1
26	24 086 06	Screw, phillips	1

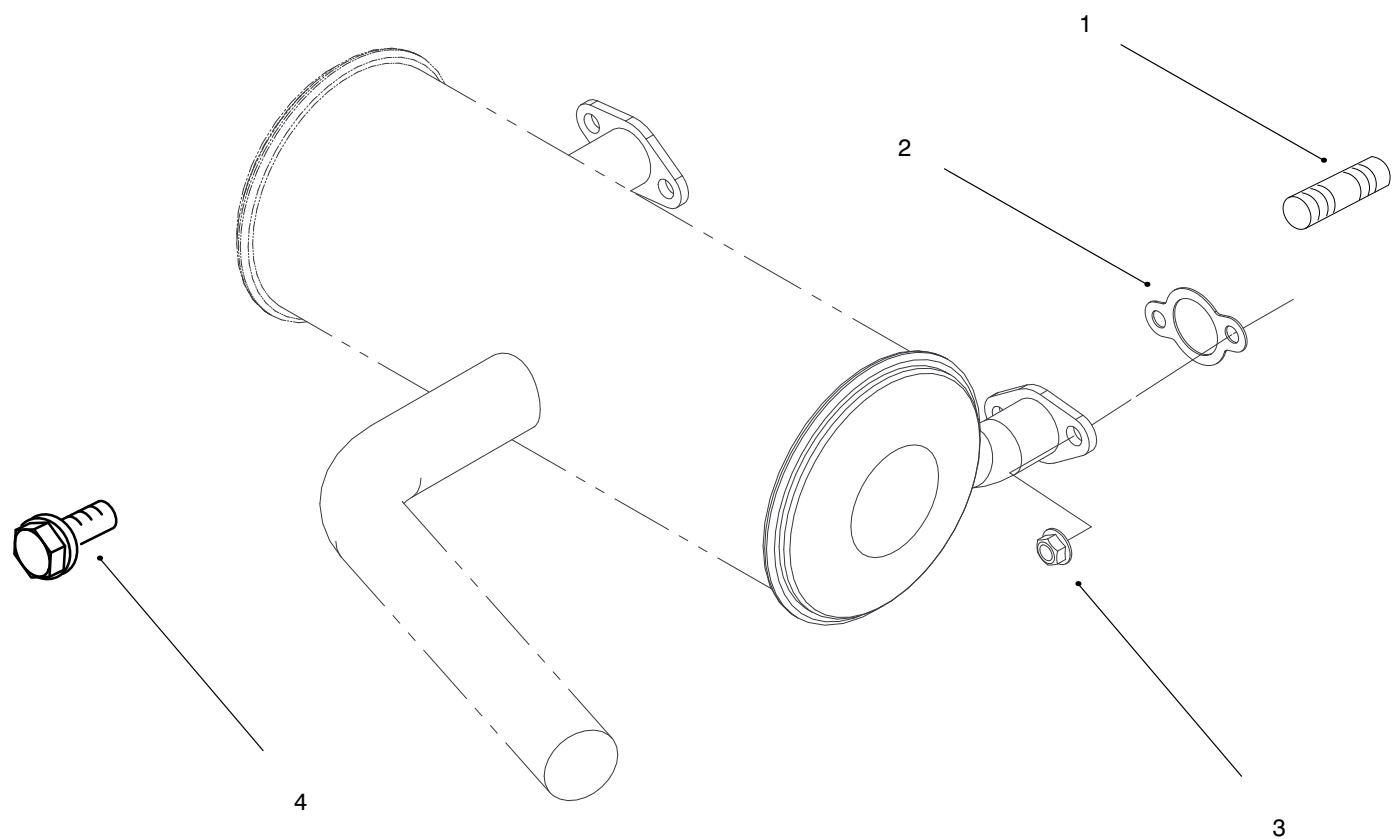
Obtain Parts From Kohler



GROUP 10 – AIR INTAKE/FILTRATION

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	24 755 21	Kit, air cleaner cover (Includes 2-4, 6-8, 10-12 and decal 24 113 31)	1	10	24 126 22	Bracket, air cleaner base	1
2	12 100 01	Wing Nut	1	11	24 094 05	Base, air cleaner	1
3	24 096 52	Cover, air cleaner	1	12	24 041 06	Gasket, air cleaner base	1
4	41 032 02	Seal	1	13	M-0651055	Screw, hex. flange	4
5	24 096 01	Cover, inner air cleaner	1	14	24 164 14	Manifold, intake	1
6	24 083 02	Precleaner, element	1	15	24 041 01	Gasket, intake manifold	2
7	47 083 03	Element, air cleaner	1			Not Illustrated	
8	230046	Seal	1		24 113 31	Decal, Air Cleaner	1
9	M-0639016	Screw, hex. flange	3		24 048 02	Precleaner Assembly	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

TORO PART NUMBER INDEX

3321-530

Part No.	Pg. No.	Qty.	Ref. No.	Description	Part No.	Pg. No.	Qty.	Ref. No.	Description
101884	1	"16"	9:1	Nut-Hex	98-4704	2	"3"	3	Hydraulic Motor ASM
104047	1	"5"	*30:1	Bushing	98-4705	2	"2"	12	Seal-Wheel Bearing
104048	1	"5"	*30:2	Valve-Fuel	98-4706	2	"2"	17	Tension Bolt
106396	4	"2"	2:1	Tube	98-4709	4	"2"	2	Tire And Wheel ASM
116338	1	"16"	9	Switch-Ignition	98-4710	3	"12"	18	Hydraulic Cylinder
9201604	1	"16"	9:2	Washer-Lock	98-4720	1	"10"	*	Seal Kit
5-2490	10	"1"	22	Bolt-Shoulder	98-4720	1	"6"	*20:1	Seal Kit
10-6830	20	"2"	20	Stud-Drive Type	98-4721	1	"11"	*	Seal Kit
10-7070	1	"5"	13	Key-Square	98-4721	1	"6"	*18:1	Seal Kit
27-1960	1	"5"	17	Hub-Engine	98-4721	1	"6"	*52:1	Seal Kit
42-9580	10	"6"	21	Nut-Hex	98-4721	1	"9"	*	Seal Kit
44-2230	2	"5"	18	Coupling-Rubber	98-4724	1	"6"	32	Line-Hyd
54-0110	2	"7"	34	Filter-Oil	98-4725	2	"12"	16	Hose-Hyd
61-2790	1	"1"	18	Filler-Screen	98-4726	1	"12"	19	Hose-Hyd
63-8360	2	"16"	8	Key-Ignition	98-4727	1	"12"	17	Hose-Hyd
68-6150	1	"1"	3	Breather-Air	98-4728	2	"7"	49	Hose-Hyd
71-4411	4	"5"	15	Spacer-Coupling	98-4729	1	"6"	30	Lever-Valve
72-4310	1	"16"	10	Switch-Ball N C	98-4730	1	"6"	52	Valve-Hyd
74-0720	1	"6"	5	Tube-Manual	98-4731	1	"6"	18	Valve-Hyd
77-0981	1	"16"	17	Boot-Terminal	98-4732	1	"6"	20	Valve-Hyd
80-8010	2	"1"	6:8	Decal-Warning	98-4733	1	"6"	14	Valve-Hyd
80-8010	4	"1"	8:4	Decal-Warning	98-4735	1	"6"	10	Valve-Hyd
85-4730	1	"1"	6:13	Decal-Hyd. Oil Only	98-4736	1	"14"	24	Line-Hyd
85-9310	2	"5"	26	Control-Choke	98-4737	1	"14"	10	Line-Hyd
88-3980	1	"5"	29	Gas Cap ASM	98-4738	1	"14"	6	Line-Hyd
92-5821	1	"7"	36	Filter Head ASM	98-4739	1	"14"	22	Line-Hyd
92-6780	4	"5"	11:1	Nut-HHF	98-4740	1	"14"	23	Line-Hyd
92-6877	1	"5"	10	Valve-Oil Drain	98-4741	1	"14"	11	Line-Hyd
92-6989	1	"16"	11	Cable-Battery Red	98-4742	1	"14"	2	Line-Hyd
93-0350	2	"5"	11:2	Gasket-Exhaust	98-4743	1	"14"	21	Line-Hyd
93-7498	1	"1"	20	Plug-Plastic	98-4744	1	"6"	8	Hose ASM
94-1867	1	"16"	16	Battery	98-4747	2	"7"	38	Hose-Hyd
94-2551	1	"1"	6:10	Decal-Choke	98-4748	2	"12"	20	Hose Hyd
94-4208	1	"16"	7	Hourmeter	98-4749	1	"6"	33	Line-Hyd
94-6031	1	"6"	11	Fitting-Hyd	98-4753	4	"2"	2:2	Wheel
94-8178	1	"4"	*	Seal Kit	98-4757	4	"2"	2:3	Tire
94-8178	2	"3"	*3:1	Seal Kit-Wheel Motor	98-4799	2	"6"	12	Tube-Spacer
94-9566	1	"16"	14	Pad-Footrest	98-4822	2	"3"	2	Hub-Rear
95-1726	4	"5"	8	Screw-Engine Mount	98-4823	2	"2"	8	Hub-Front
95-3209	1	"6"	15	Fitting	98-4825	1	"2"	16	Axle-Front
95-7152	2	"2"	3	Protector-Bearing	98-4845	2	"1"	6:2	Grip-Cushion
98-0657	1	"7"	35	Fitting-Hyd 45_	98-4871	1	"1"	10:6	Bushing-Tension
98-2709	1	"1"	6:5	Cover	98-4871	2	"1"	6:3	Bushing-Tension
98-2713	1	"7"	42	Hose-Hyd	98-4871	7	"1"	8:3	Bushing-Tension
98-2751	1	"5"	22	Mount-Pump	98-4906	2	"2"	19	Chain-Roller
98-4650	1	"16"	*	Harness-Electrical	98-7249	1	"16"	5	Relay
98-4654	1	"5"	30	Fuel Tank ASM	98-8217	2	"15"	10	Decal-Dingo
98-4655	1	"5"	31	Plate	98-8219	1	"1"	6:11	Decal-Throttle
98-4656	1	"5"	33	Mount-Tank	98-8220	1	"1"	6:12	Decal-Speed Limiter
98-4657	1	"5"	32	Bolt-Mount	98-8235	1	"1"	6:14	Decal-Selector
98-4658	1	"16"	13	Clamp-Battery	98-9050	2	"14"	4	Valve-Counterbalance
98-4666	1	"5"	7	Mount-Engine	98-9051	1	"1"	8:5	Decal-Danger
98-4667	1	"5"	*	Hose-Drain	98-9073	1	"5"	5	Hose-Air
98-4668	1	"5"	*	Line-Fuel	98-9075	1	"5"	12	Tube-Air
98-4669	2	"1"	4	Cover-Chain	98-9079	1	"6"	51	Adapter-Tee
98-4670	2	"6"	23	Handle ASM	98-9080	1	"5"	25	Muffler-Kohler 22
98-4671	2	"6"	22	Handle ASM	98-9089	2	"2"	19:1	Link-Connecting
98-4675	2	"12"	*	Lock-Cylinder	98-9090	1	"6"	25	Grip-Control
98-4677	1	"1"	6:15	Decal-Aux. Power	98-9097	1	"6"	*14:1	Seal Kit
98-4679	1	"15"	3	Decal-Front	98-9097	1	"8"	*	Seal Kit
98-4682	1	"1"	8:6	Decal-Caution	98-9098		"8"	*	Handle Kit
98-4690	1	"1"	10	Quick Attach ASM	98-9098	1	"6"	*14:2	Handle Kit
98-4691	1	"1"	10:2	Mount-Quick Attach	98-9099	1	"5"	*25:1	Spark Arrestor
98-4692	2	"1"	10:3	Cam-Quick Attach	98-9903	1	"5"	11:3	Precleaner-Kohler
98-4693	2	"1"	10:4	Pin-Quick Attach	98-9904	1	"5"	11:3:1	Jar-Precleaner
98-4694	2	"1"	10:5	Spring-Compression	98-9906	1	"7"	37	Fitting-Straight Thread
98-4695	7	"6"	19	Tube-Spacer	98-9907	2	"7"	47	Union-Bulkhead
98-4698	1	"7"	46	Male-Quick	98-9912	1	"7"	45	Dust Cap
98-4699	1	"7"	43	Female-Quick	98-9913	1	"7"	44	Dust Plug
98-4700	1	"5"	24:1	Key-Square	98-9917	1	"6"	9	Line-Hyd
98-4701	1	"5"	20	Hub-Pump	98-9921	1	"6"	29	Fitting-Straight Thread
98-4702	1	"5"	24	Pump-Gear	98-9927	1	"1"	6:4	Gasket-Cover

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Pg. No.	Qty.	Ref. No.	Description	Part No.	Pg. No.	Qty.	Ref. No.	Description
98-9937	4	"2"	13	Sprocket-25 Tooth	283-52	2	"12"	*	Pin-Clevis
98-9940	10	"1"	6:6	Screw	302-5	10	"1"	12	Fitting-Grease
98-9945	1	"5"	3	Tube ASM	302-5	2	"1"	10:7	Fitting-Grease
98-9947	2	"1"	6:7	Tread	321-14	2	"6"	50	Screw-HH
99-1351	1	"1"	19	Dipstick-Oil	322-3	1	"5"	4	Screw-HH
99-1352	1	"13"	*	Seal Kit	322-7	4	"5"	14	Screw-HH
99-1352	3	"12"	*18:1	Seal Kit-Cylinder	322-13	4	"6"	53	Screw-HH
99-1353	1	"5"	*24:2	Seal Kit-Pump	322-20	3	"6"	7	Screw-HH
99-1354	1	"1"	8	Loader ASM	323-9	4	"5"	9	Screw-HH
99-1355	1	"1"	6	Frame ASM	324-6	4	"5"	21	Screw-HH
99-1376	1	"6"	28	Mount-Control	325-7	20	"2"	9	Screw-HH
99-1384	2	"2"	21	Boot-Protector	325-11	8	"3"	5	Screw-HH
99-1385	1	"1"	6:9	Decal-Control Panel	3218-7	2	"2"	18	Jam Nut
99-1414	10	"1"	13	Pivot Pin	3229-1	1	"16"	12	Bolt-CARR
237-22	2	"14"	8:1	O-Ring	3230-2	2	"12"	14	Bolt-CARR
237-30	1	"6"	10:1	O-Ring	3234-4	2	"16"	18	Screw-HH
237-30	1	"6"	51:1	O-Ring	3234-5	2	"6"	24	Screw-HHF
237-30	2	"6"	11:1	O-Ring	3234-33	4	"5"	28	Screw-HFW
237-30	2	"6"	13:1	O-Ring	3241-5	4	"5"	19	Set Screw
237-30	2	"7"	39:1	O-Ring	3255-8	1	"16"	2	Washer-Lock
237-30	2	"7"	47:1	O-Ring	3256-22	2	"6"	57	Washer-Flat
237-30	6	"6"	17:1	O-Ring	3256-23	7	"6"	4	Washer-Flat
237-35	2	"14"	7:1	O-Ring	3256-28	2	"2"	5	Washer-Flat
237-42	1	"16"	19	O-Ring	3256-38	2	"5"	34	Washer-Flat
237-42	6	"12"	15:1	O-Ring	3272-12	2	"2"	15	Pin-Cotter
237-65	4	"14"	1:1	O-Ring	3274-7	2	"5"	23	Screw-Socket Head
237-75	6	"14"	9:1	O-Ring	3290-378	8	"7"	*	Tie-Cable
237-75	6	"12"	15:2	O-Ring	3290-467	2	"12"	*	Pin-Cotter
237-78	2	"14"	7:2	O-Ring	3296-23	20	"2"	14	Nut-Lock
237-79	1	"7"	1:1	O-Ring	3296-23	8	"3"	4	Nut-Lock
237-79	1	"6"	10:2	O-Ring	3296-27	1	"7"	*	Nut-Lock
237-79	1	"6"	29:2	O-Ring	3296-29	17	"5"	16	Nut-Lock
237-79	2	"14"	8:2	O-Ring	3296-39	4	"5"	6	Nut-Lock
237-79	2	"6"	13:2	O-Ring	3296-42	4	"5"	27	Nut-Lock
237-79	2	"6"	15:1	O-Ring	32103-22	3	"16"	15	Nut-Wing
237-79	2	"7"	47:2	O-Ring	32121-94	2	"1"	10:1	Pin-Spirol
237-79	2	"6"	51:2	O-Ring	32128-44	2	"6"	27	Nut-Flange
237-79	4	"14"	5:2	O-Ring	32136-5	2	"2"	4	Nut-Hex Slot
237-79	6	"6"	17:2	O-Ring	32144-18	2	"16"	*	Screw-HWH
237-79	8	"14"	3:2	O-Ring	32144-70	2	"1"	8:2	Screw-TAP
237-80	2	"7"	39:2	O-Ring	32144-70	8	"1"	11	Screw-TAP
237-80	4	"14"	1:2	O-Ring	32144-87	2	"16"	4	Screw-HWH
237-81	1	"7"	35:2	O-Ring	33104-030	1	"6"	26	Screw-HHF
237-81	2	"7"	37:1	O-Ring	33114-020	3	"16"	3	Screw-HH
237-81	4	"7"	40:1	O-Ring	340-3	2	"14"	8	Adapter
237-123	1	"1"	21	O-Ring	340-4	6	"6"	17	Fitting-Hyd
237-145	1	"6"	29:1	O-Ring	340-82	6	"12"	15	Adapter
237-145	1	"7"	35:1	O-Ring	340-98	2	"6"	13	Fitting-Hyd
237-151	4	"14"	5:1	O-Ring	340-105	2	"7"	39	Fitting-Elbow
237-151	8	"14"	3:1	O-Ring	340-127	2	"7"	48	Nut-Bulkhead
2412-36	2	"1"	2	Clamp-Hose	340-133	2	"14"	7	Ftg-Hyd
2412-98	2	"5"	*	Clamp-Hose	340-151	2	"14"	9	Fitting
2412-129	4	"7"	41	Clamp-Hose	340-153	4	"14"	5	Fitting-Hyd
2412-133	2	"6"	6	R-Clamp	340-155	8	"14"	3	Fitting-Hyd
254-72	2	"2"	7	Cup-Bearing	354-73	4	"7"	40	Fitting-Hyd
254-94	2	"2"	6	Cone-Bearing	354-126	1	"1"	17	Fitting-Barb
254-106	2	"2"	11	Inner Bearing Cone					
254-107	2	"2"	10	Inner Bearing Cup					

*Not Illustrated