



Dingo[®] 220

Compact Utility Loader

Model No. 22311—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.

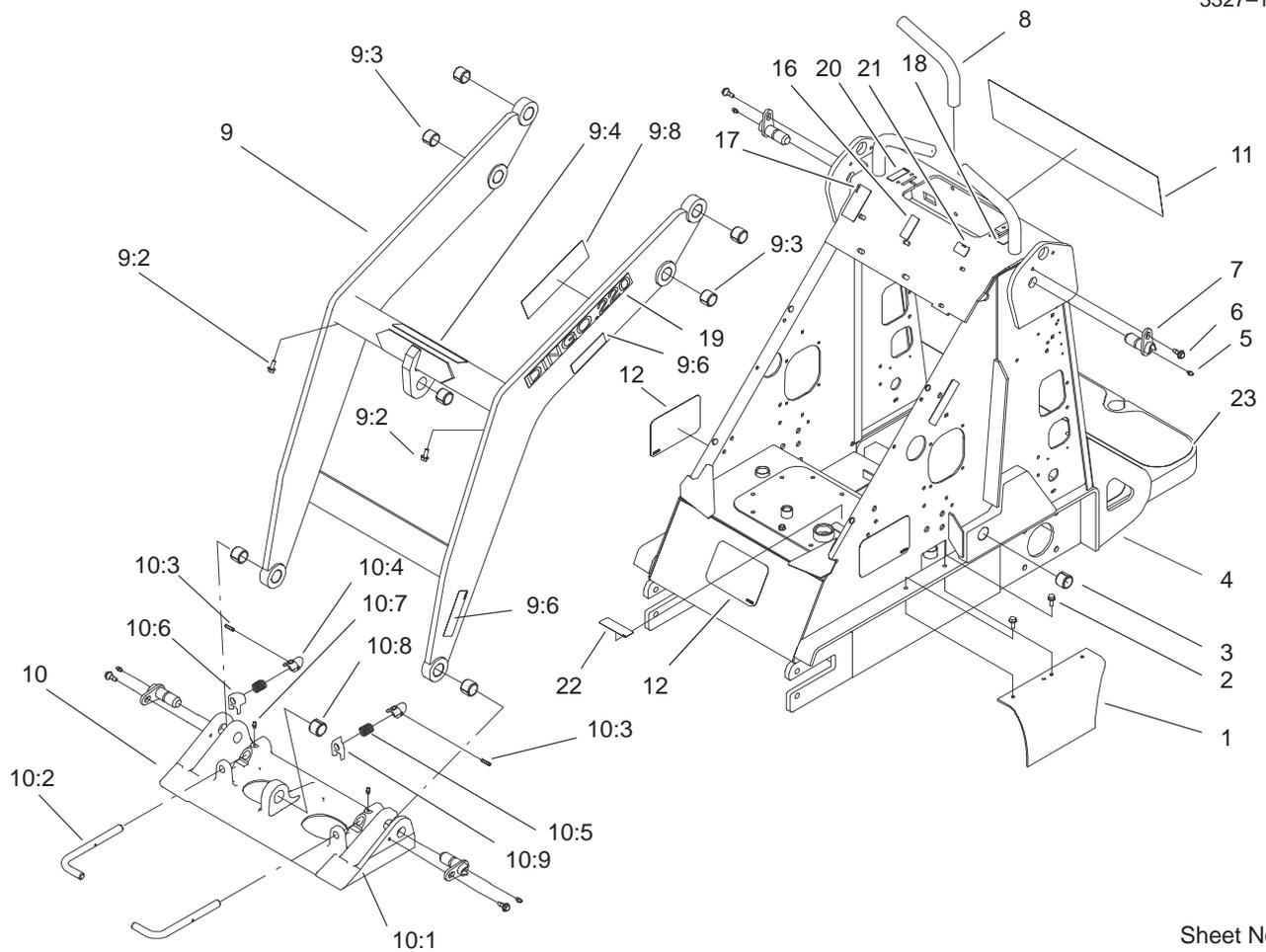
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Part Description Abbreviations

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

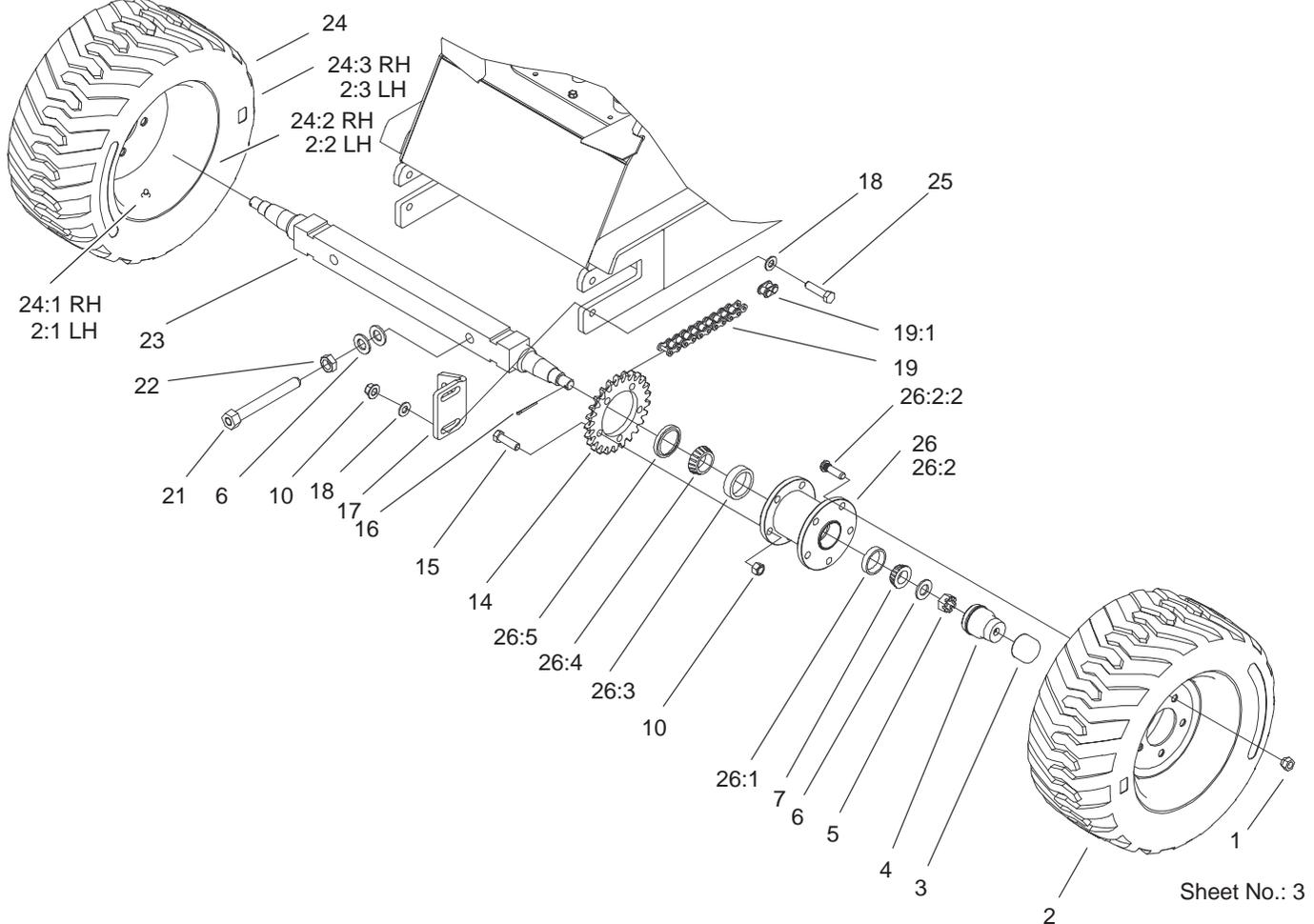


Sheet No.: 2

Frame and Loader Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	98-4669-01	2	Cover-Chain
2	32144-70	4	Screw-HH
3	98-4871	2	Bushing-Tension
4	99-1355	1	Frame ASM
5	302-5	4	Fitting-Grease
6	99-5105	4	Bolt-Shoulder
7	99-1414	4	Pin-Pivot
8	98-4845	2	Grip-Cushion
9	105-8366	1	Loader ASM
9:2	32144-70	2	Screw-HH
9:3	98-4871	7	Bushing-Tension
9:4	98-4682	1	Decal-Caution
9:5	98-9051	1	Decal-Danger
9:6	100-6141	4	Decal-Pinch
10	105-8364	1	Quick Attach ASM
10:1	105-0245-03	1	Mount-Attach, Quick
10:2	105-8367	2	Pin-Locking, Qtach
10:3	3285-1	2	Pin-Grooved, Type-A (7/32 X 1)
10:4	105-0246	2	Cam-Qtach
10:5	98-4694	2	Spring-Compression
10:6	104-5909	1	Stop-RH, Qtach
10:7	302-5	2	Fitting-Grease
10:8	98-4871	1	Bushing-Tension
10:9	104-5903	1	Stop-LH, Qtach

Ref. No.	Part No.	Qty.	Description
11	99-1385	1	Decal-Panel, Instrument
12	62-5550	3	Decal-Toro
16	98-8235	1	Decal-Selector
17	98-4677	1	Decal-Power, Auxiliary
18	98-8219	1	Decal-Throttle
19	105-6229	2	Decal-Dingo 220
20	94-2551	1	Decal-Choke
21	98-8220	1	Decal-Limiter, Speed
22	105-8404	1	Decal - Hydraulic Oil, 10w30
23	98-9947	2	Tread-Foot



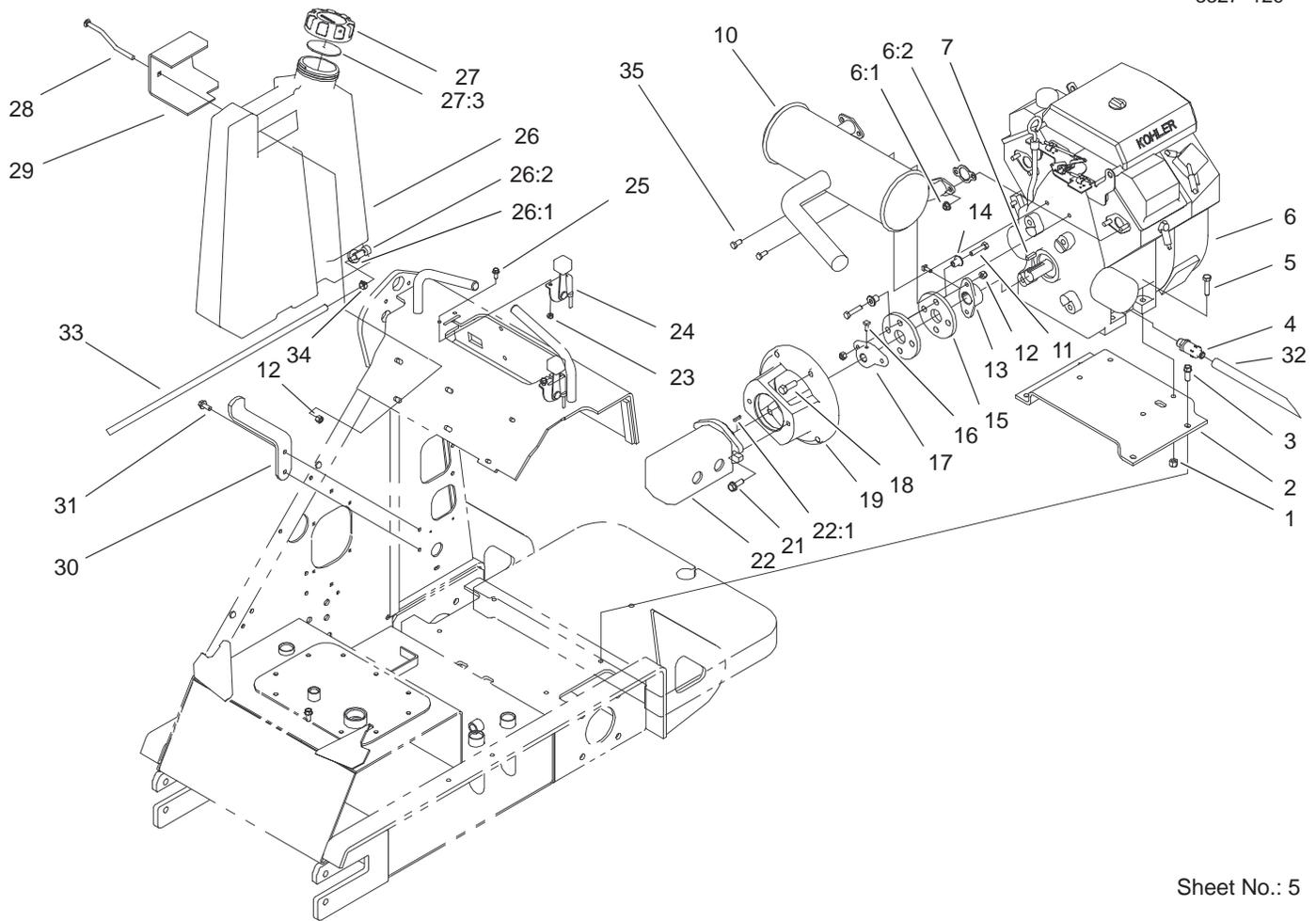
Sheet No.: 3

Front Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	242-50	10	Nut-Lug
2	98-2747	1	LH Wheel & Tire ASM
2:1	232-27	1	Stem-Valve
2:2	98-2748	1	Wheel
2:3	98-2749	1	Tire ,Loader Style
3	100-3809	2	Cap-Protector, Bearing
4	100-3769	2	Buddy-Bearing
5	32136-5	2	Nut-Slotted
6	3256-28	6	Washer-Flat
7	254-94	2	Bearing-Cone, Taper
10	3296-23	14	Nut-Lock, NI
14	98-9937	2	Sprocket - 25t
15	325-7	10	Screw-HH
16	3272-12	2	Pin-Cotter
17	99-5106-03	2	Bracket-Axle
18	3256-26	8	Washer-Flat
19	98-4906	2	Chain Roller
19:1	98-9089	1	Link - Connecting
21	98-4706	2	Bolt-Tension
22	3217-12	2	Nut-Hex
23	98-4825	1	Axle Shaft
24	99-1447	1	RH Wheel & Tire ASM
24:1	232-27	1	Stem-Valve
24:2	98-2748	1	Wheel
24:3	98-2749	1	Tire ,Loader Style

Ref. No.	Part No.	Qty.	Description
25	325-8	4	Screw-HH
☆26		2	Hub-Front
26:1	254-72	1	Bearing-Cup, Tapered
26:2	100-9989	1	Hub-ASM, Front
26:2:2	10-6830	5	Stud-Type, Drive
26:3	254-107	1	Cup-Bearing, Tapered
26:4	254-106	1	Cone-Bearing, Tapered
26:5	98-4705	1	Seal-Bearing, Wheel

☆ Not serviced separately



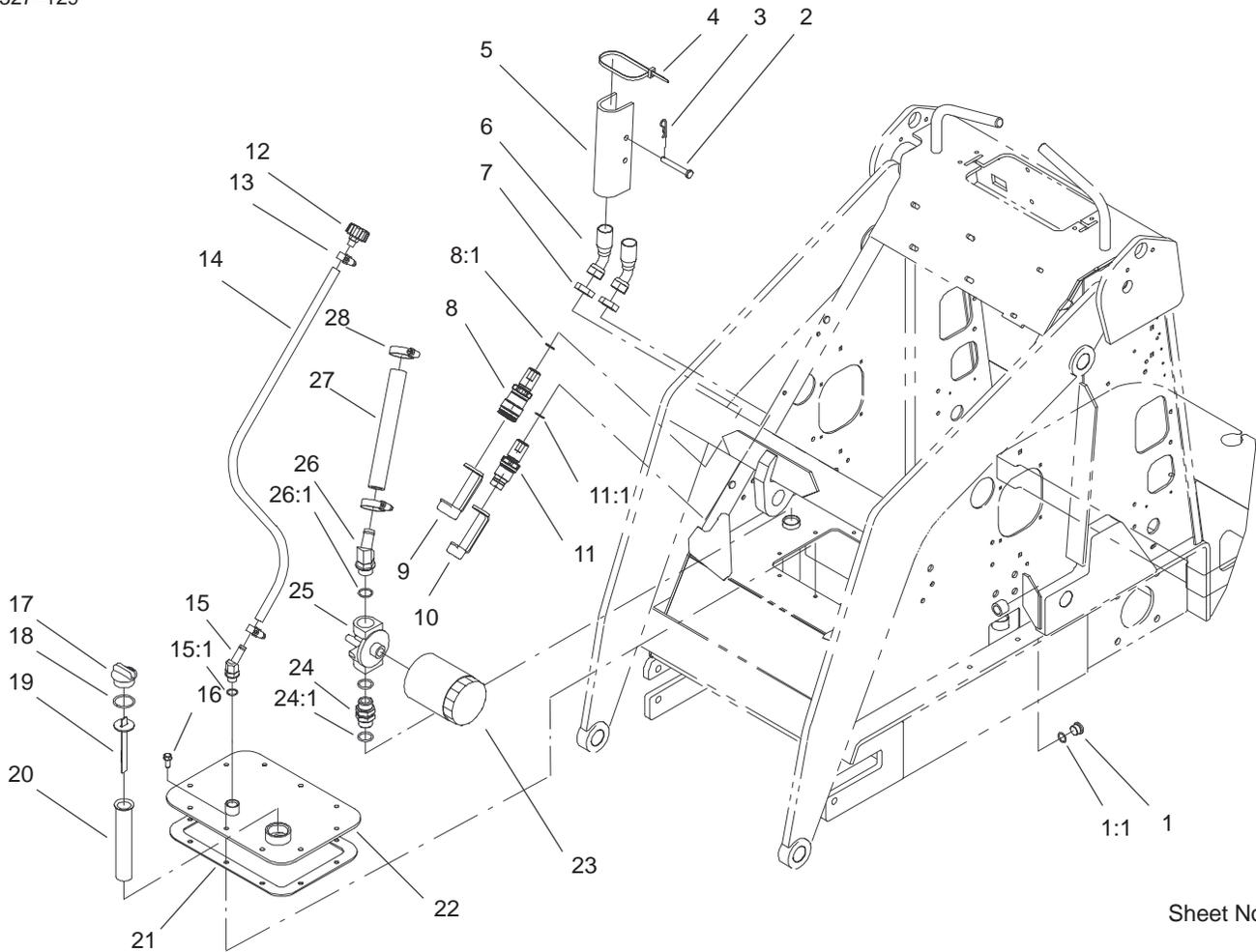
Sheet No.: 5

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-39	4	Nut-Lock, NI
2	98-4666-03	1	Mount-Engine
3	95-1726	4	Screw-Taptite W/Patch
4	92-6877	1	Valve-Drain, Oil
5	323-9	4	Screw-HH
6		1	Engine-Kohler Ch20s Ps-64667
6:1	92-6780	4	Nut-HF
6:2	93-0350	2	Gasket-Exhaust
7	10-7070	1	Key-Square
10	100-1711	1	Muffler-Kohler
11	322-7	4	Screw-HH
12	3296-29	5	Nut-Lock, NI
13	27-1960	1	Hub-Engine
14	71-4411	4	Spacer
15	44-2230	2	Coupling-Rubber
16	3241-6	4	Screw-SQH
17	98-4701	1	Hub-Pump
18	324-6	4	Screw-HH
19	98-2751-03	1	Mount-Pump
21	66-9300	2	Screw-HF
22	98-4702	1	Pump-Gear, Tandem
22:1	98-4700	1	Key-Square
*22:2	99-1353	1	Kit-Seal, Pump
23	3296-42	4	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description
24	85-9310	2	Control-Choke / Throttle
25	3234-33	4	Screw-HHF
26	105-4052	1	RH Fuel Tank ASM
26:1	46-6560	1	Bushing
26:2	104048	1	Valve-Fuel
27	104-7418	1	Cap-Fuel, Gas
27:3	104-7420	1	Gasket-Vented
28	98-4657	1	Bolt-Mount
29	98-4655-03	1	Plate-Mount
30	98-4656-03	1	Mount-Bottom, Tank
31	32144-70	2	Screw-HH
32	98-4667	1	Hose-Drain, Oil
33	98-4668	1	Hose-Fuel
34	92-2379	2	Clamp-Hose
35	33114-020	2	Screw-HH

* Not illustrated

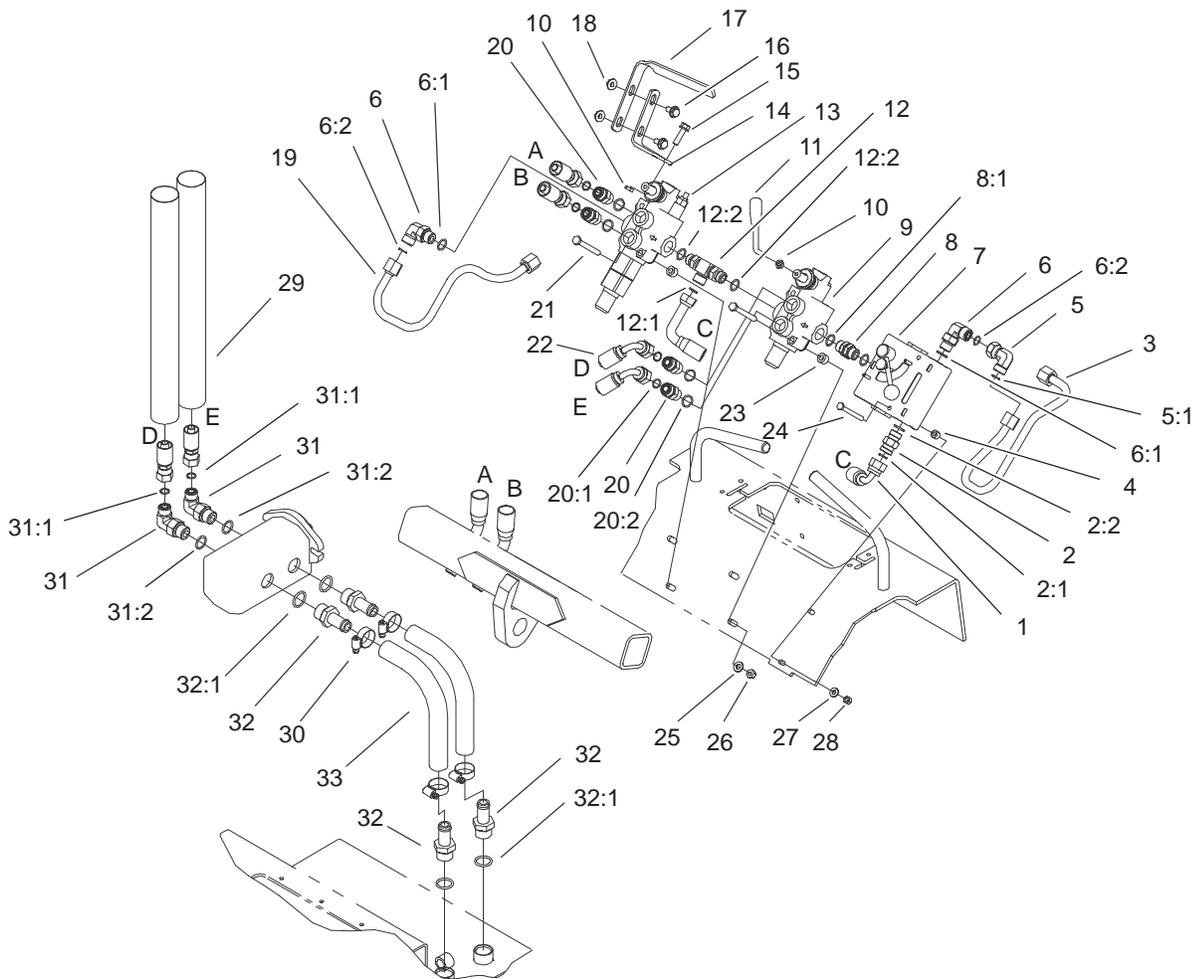


Sheet No.: 6

Hydraulic Assembly

Ref. No.	Part No.	Qty.	Description
1	353-988	1	Plug-Hex, Hollow
1:1	237-79	1	O-Ring
2	283-52	2	Pin-Clevis
3	3290-467	2	Pin-Hair
4	3290-379	9	Tie-Cable
5	98-4675-01	2	Lock-Cylinder
6	100-8817	2	Hose-Aux
7	340-74	2	Locknut-Bulkhead
8	105-8394	1	Coupler ASM, Bulkhead
8:1	237-65	1	O-Ring
8:2	105-8396	1	Kit - Seal
9	100-8816	1	Cap-Dust, Coupler
10	100-8815	1	Cap-Dust, Nipple
11	105-8395	1	Nipple ASM, Bulkhead
11:1	237-65	1	O-Ring
11:2	100-6120	1	Kit-Seal
12	68-6150	1	Breather-Air
13	2412-36	2	Clamp-Hose
14	98-2708	1	Hose-Vent
15	354-126	1	Fitting-HYD, 45°
15:1	237-79	1	O-Ring
16	98-9940	10	Screw
17	93-7498	1	Plug-Plastic
18	237-123	1	O-Ring
19	100-2097	1	Dipstick-Oil

Ref. No.	Part No.	Qty.	Description
20	61-2790	1	Filter-Screen
21	98-9927	1	Gasket-Cover
22	98-2709	1	Cover
23	54-0110	1	Filter-Oil, Transmission
24	98-9906	1	Fitting-Thread, Straight
24:1	237-81	2	O-Ring
25	92-5821	1	Filter Head ASM
26	354-127	1	Elbow-45°
26:1	237-81	1	O-Ring
27	100-9988	1	Hose-HYD
28	2412-129	2	Clamp-Hose



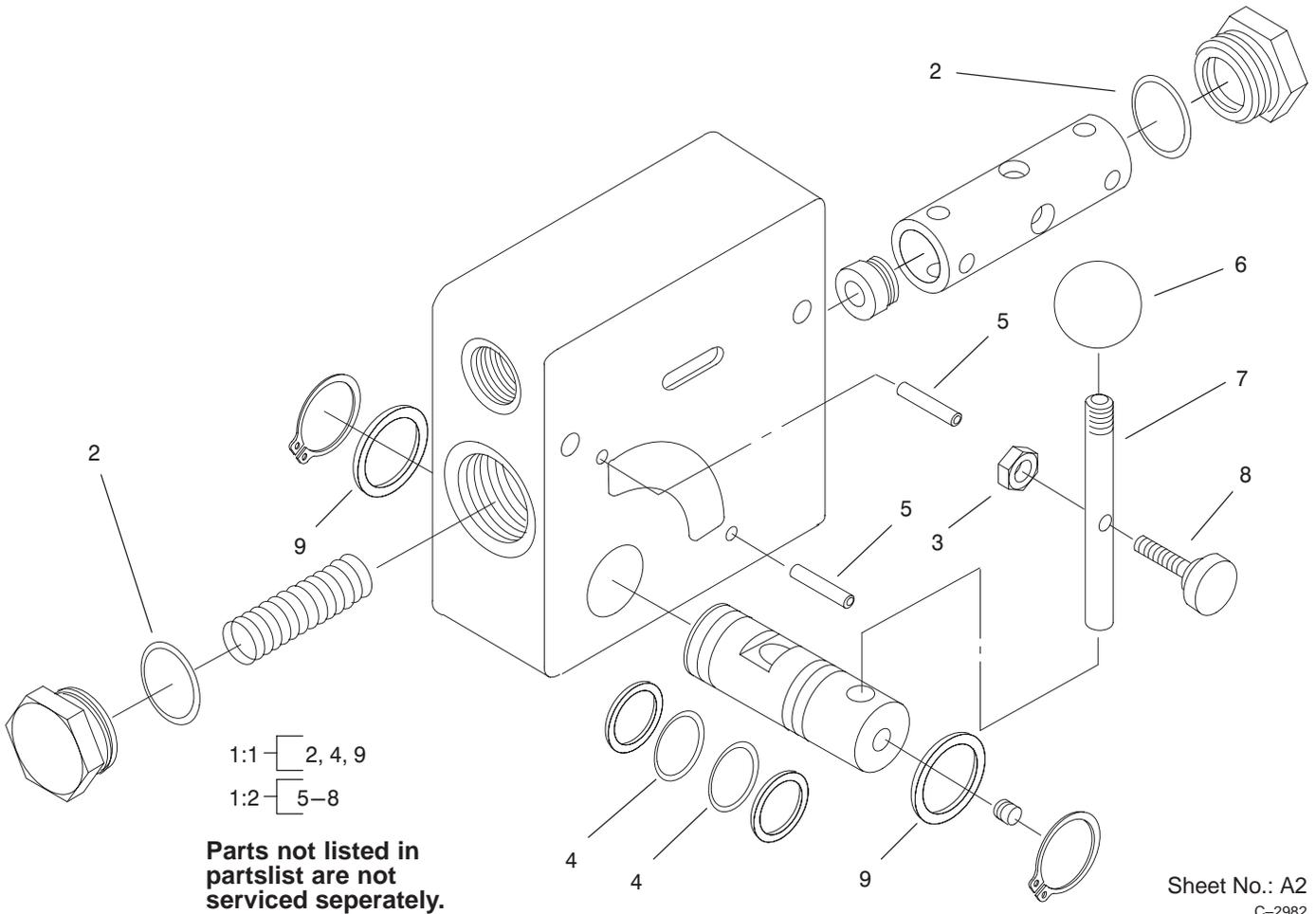
Sheet No.: 7

Hydraulic Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	98-4744	1	Hose ASM
2	98-4735	1	Valve-Check, HYD
2:1	237-30	1	O-Ring
2:2	237-79	1	O-Ring
3	98-9917	1	Tube-HYD
4	98-4799	2	Tube-Spacer
5	94-6031	1	Fitting-HYD
5:1	237-30	1	O-Ring
6	340-98	2	Fitting-HYD, 90°
6:1	237-79	1	O-Ring
6:2	237-30	1	O-Ring
7	104-4221	1	Kit-Valve, HYD
8	95-3209	1	Fitting-Thread, Straight
8:1	237-79	2	O-Ring
9	99-3072	1	Valve-Selector
10	42-9580	2	Nut-Hex
11	98-4729	1	Lever-Valve
12	98-9079	1	Adapter-Tee, Adjustable
12:1	237-30	1	O-Ring
12:2	237-79	2	O-Ring
13	99-3077	1	Valve-HYD, Auxiliary
14	99-1376	1	Mount - Control
15	33104-030	1	Screw-HHF
16	3234-5	2	Screw

Ref. No.	Part No.	Qty.	Description
17	98-9090	1	Grip-Control
18	32128-44	2	Nut
19	98-4724	1	Tube-HYD
20	340-4	4	Adapter
20:1	237-30	1	O-Ring
20:2	237-79	1	O-Ring
21	322-13	4	Screw-HH
22	98-4747	2	Hose-HYD, Pressure, High
23	98-4695	4	Tube-Spacer
24	321-14	2	Screw-HH
25	3256-23	4	Washer-Flat
26	3296-29	4	Nut-Lock, NI
27	3256-22	2	Washer-Flat
28	3296-42	2	Nut-Lock, NI
29	100-8818	2	Sleeve-Guard, Hose
30	2412-129	4	Clamp-Hose
31	340-105	2	Fitting-90°
31:1	237-80	1	O-Ring
31:2	237-30	1	O-Ring
32	354-73	4	Fitting
32:1	237-81	1	O-Ring
33	98-2713	2	Hose-Suction, HYD
*34	99-5349	2	Spring-Compression

* Not illustrated



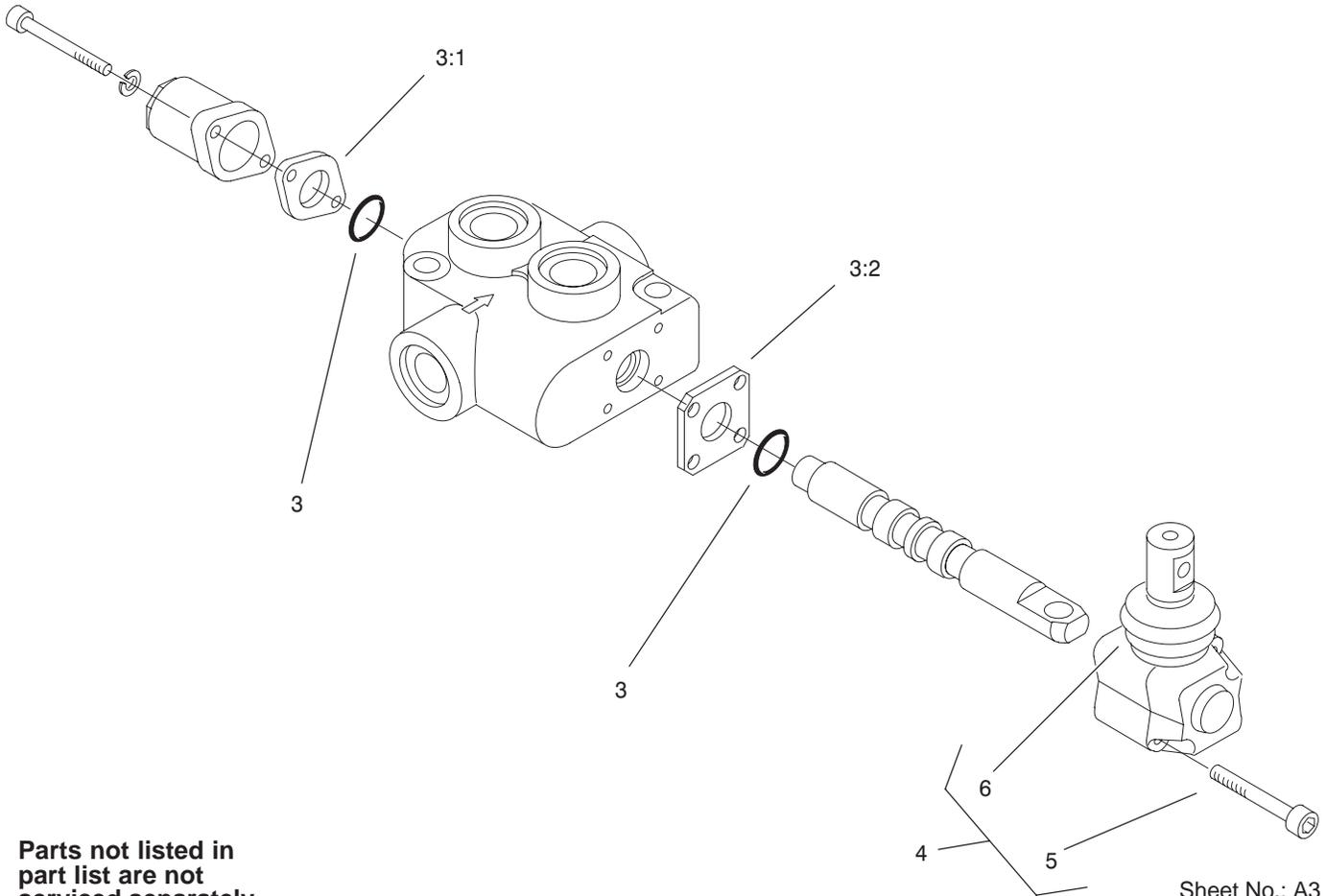
Sheet No.: A2
 C-2982

Hydraulic Valve Assembly No. 104-4221

Ref. No.	Part No.	Qty.	Description
☆1		1	Valve-Flow, Hydraulic
1:1	104-4231	1	Kit-Seal, Valve
1:2	98-9098	1	Kit-Hardware, Handle
3	3296-27	1	Nut-Lock NI

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately



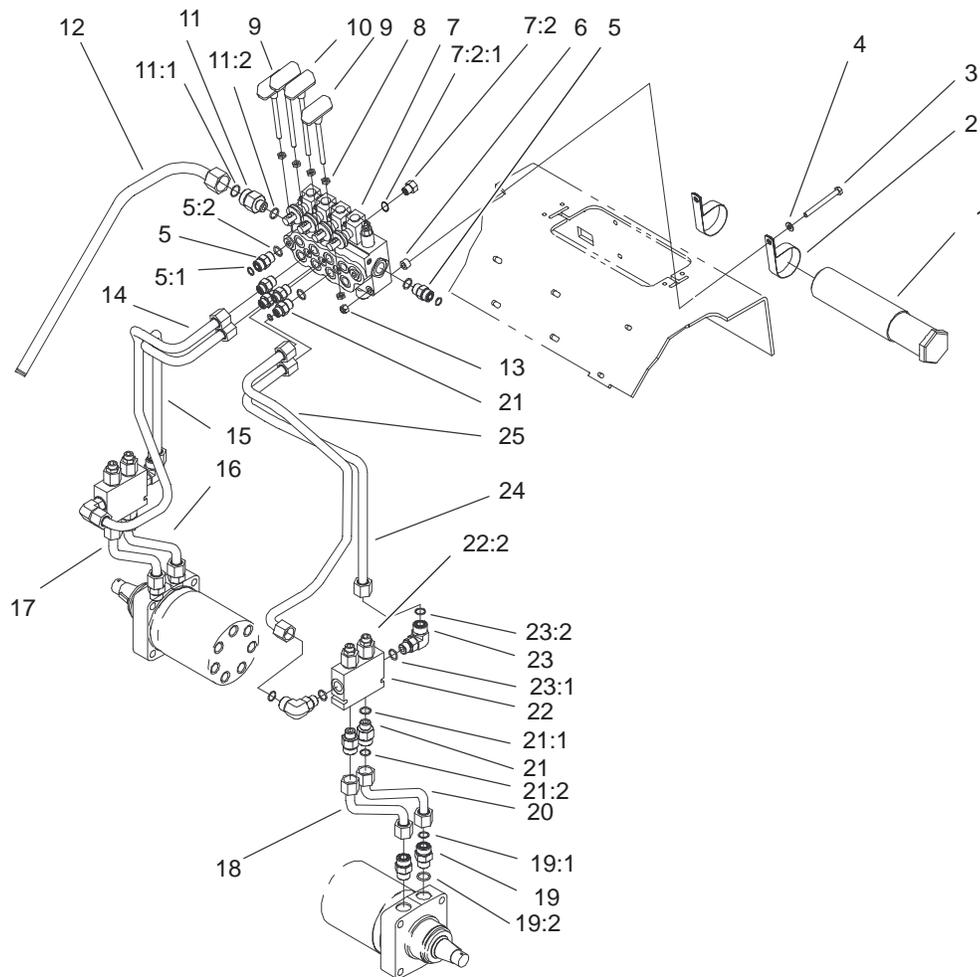
Parts not listed in part list are not serviced separately

Sheet No.: A3
C-2835

Hydraulic Valve Assembly No. 99-3072

Ref. No.	Part No.	Qty.	Description
3	99-4391	1	Kit-Seal
3:1	99-3074	1	Gasket
3:2	99-3075	3	Gasket

Ref. No.	Part No.	Qty.	Description



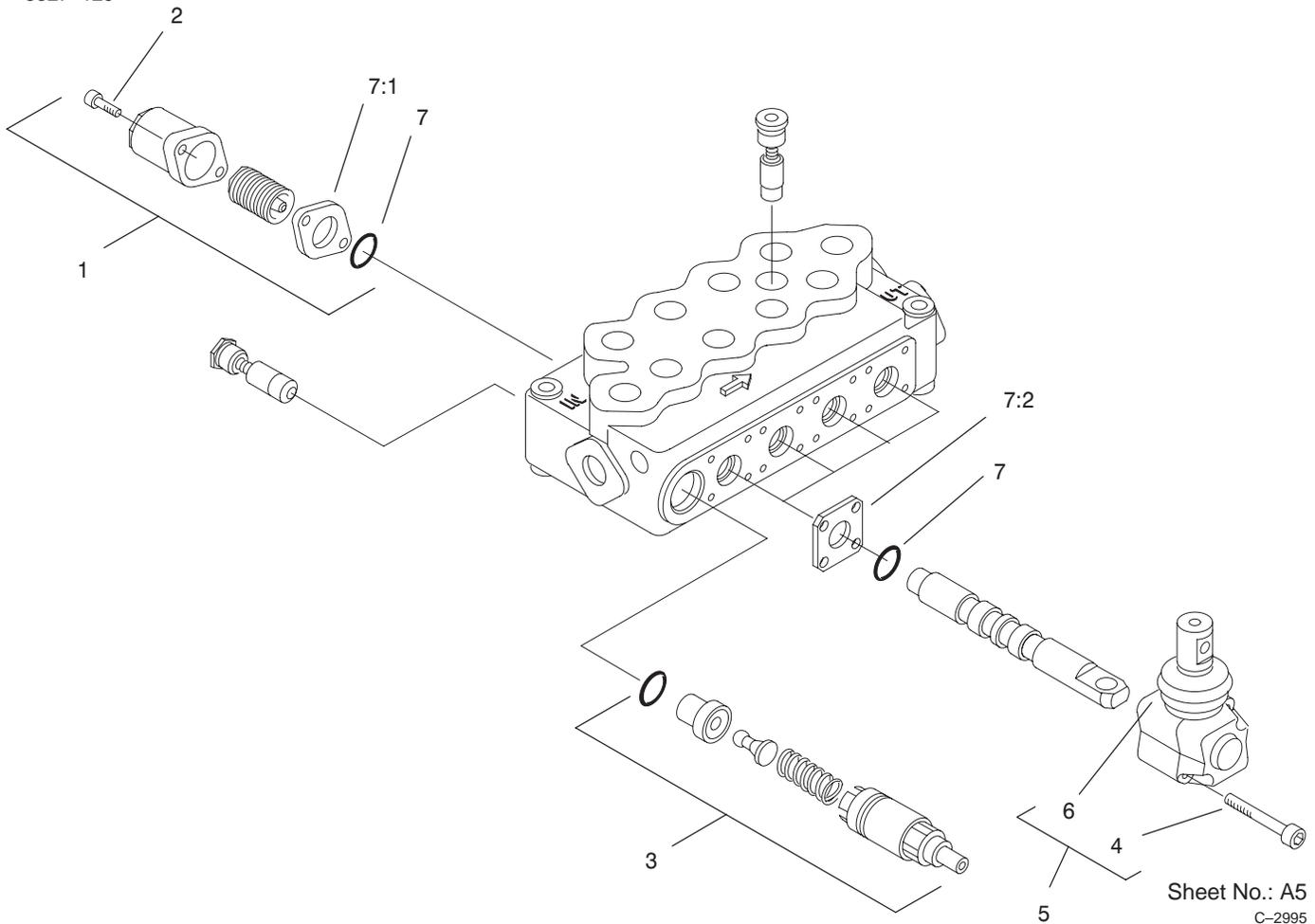
Sheet No.: 8

Hydraulic Traction Assembly

Ref. No.	Part No.	Qty.	Description
1	74-0720	1	Tube-Manual
2	2412-133	2	R-Clamp
3	322-20	3	Screw-HH
4	3256-23	3	Washer-Flat
5	340-4	2	Adapter
5:1	237-30	1	O-Ring
5:2	237-79	1	O-Ring
6	98-4695	3	Tube-Spacer
7	105-8406	1	Valve ASM - 4 Spool
7:2	353-512	1	Plug
7:2:1	237-78	1	O-Ring
8	42-9580	8	Nut-Hex
9	98-4671	2	Cylinder Handle ASM
10	98-4670	2	Drive Handle ASM
11	98-9921	1	Fitting-Thread, Straight
11:1	237-145	1	O-Ring
11:2	237-79	1	O-Ring
12	99-3021	1	Tube-HYD
13	3296-29	3	Nut-Lock, NI
14	98-4737	1	Tube-HYD
15	98-4736	1	Tube-HYD
16	98-4740	1	Tube-HYD
17	98-4741	1	Tube-HYD
18	98-4743	1	Tube-HYD
19	340-7	4	Adapter

Ref. No.	Part No.	Qty.	Description
19:1	237-65	1	O-Ring
19:2	237-80	1	O-Ring
20	98-4742	1	Tube-HYD
21	340-155	8	Fitting-HYD
21:1	237-79	1	O-Ring
21:2	237-151	1	O-Ring
22	98-9050	2	Valve-Counterbalance
22:1	105-4099	1	Seal Kit - Valve
22:2	99-3271	2	Valve-Cartridge
*22:2:1	98-2712	1	Kit-Seal, Valve
23	340-153	4	Fitting-HYD
23:1	237-79	1	O-Ring
23:2	237-151	1	O-Ring
24	98-4738	1	Tube-HYD
25	98-4739	1	Tube-HYD

* Not illustrated



Sheet No.: A5
C-2995

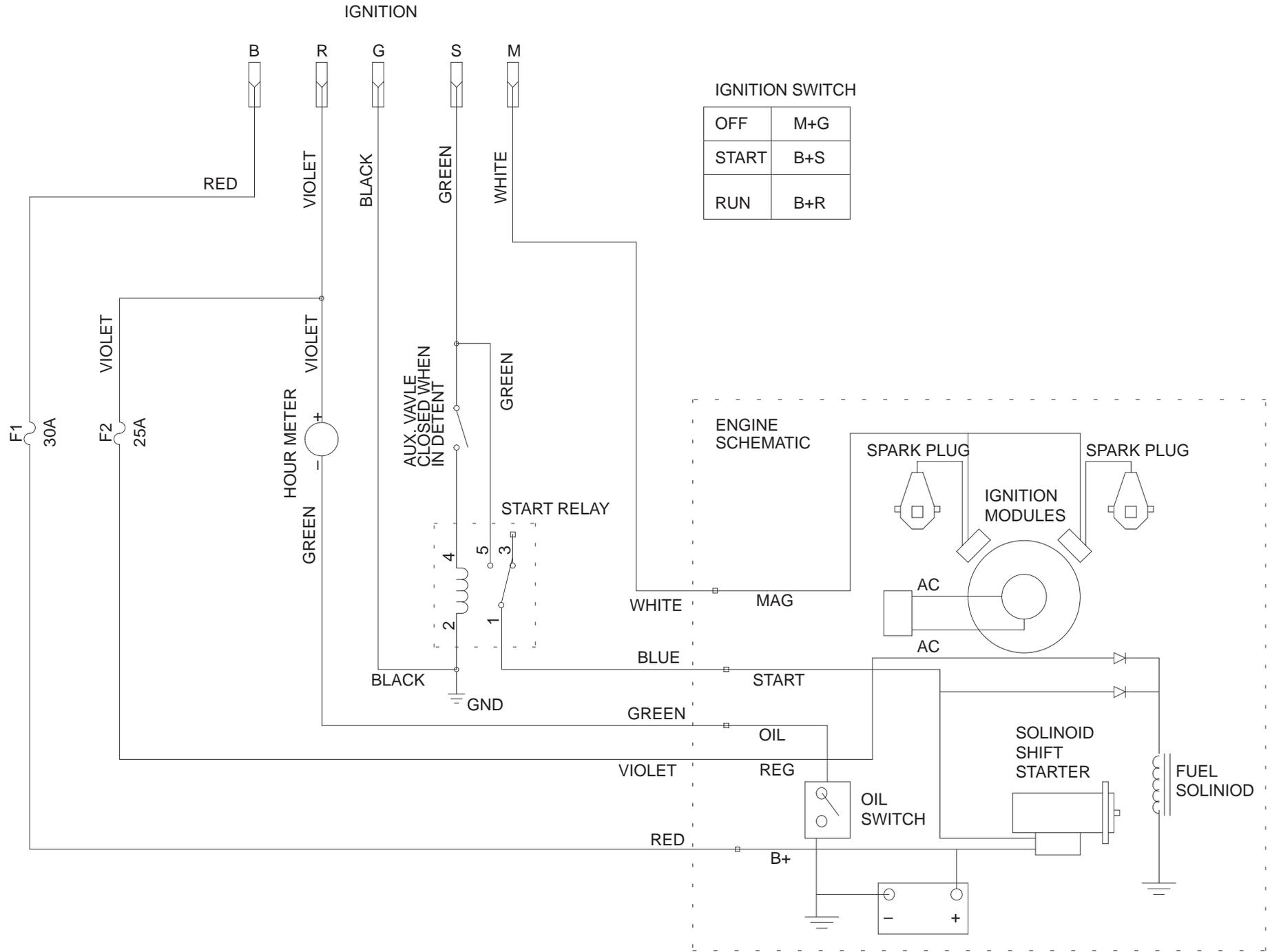
Hydraulic Valve Kit Assembly No. 105-8406

Ref. No.	Part No.	Qty.	Description
1	100-8800	4	Standard Spring ASM
1	100-8801	4	Kit-Spring, High Force
2	100-8802	8	Screw-Cap, End
3	100-8805	1	Valve-Relief
4	100-8806	8	Screw-Operator
5	100-8807	4	Operator ASM
6	100-8829	4	Boot-Operator
7	99-4390	1	Kit-Seal, Sd5
7:1	99-3074	4	Gasket
7:2	99-3075	8	Gasket

Ref. No.	Part No.	Qty.	Description

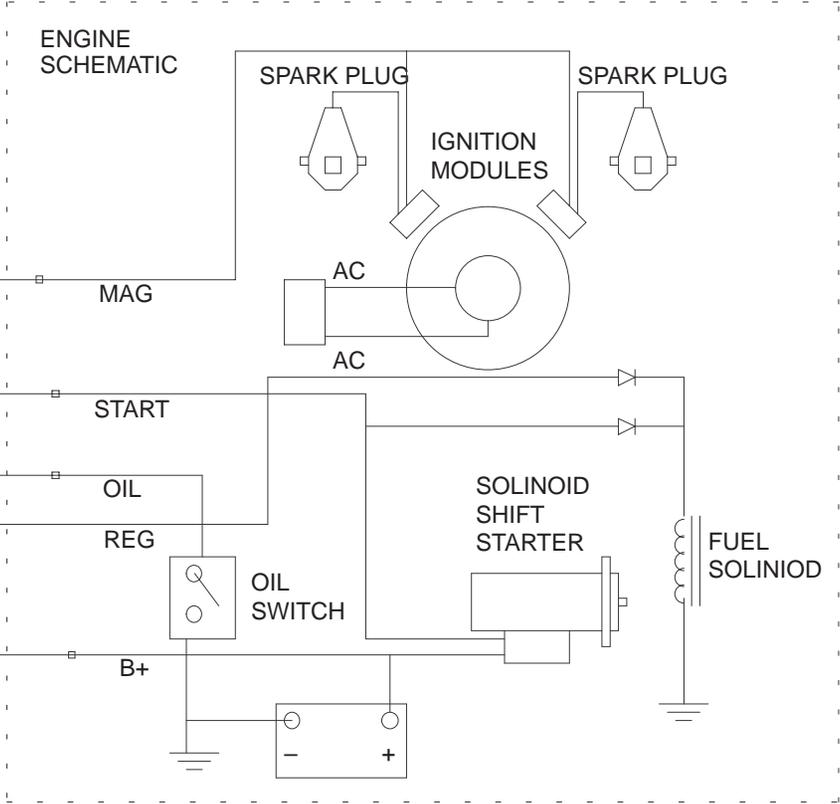
Electrical Schematic

3327-129

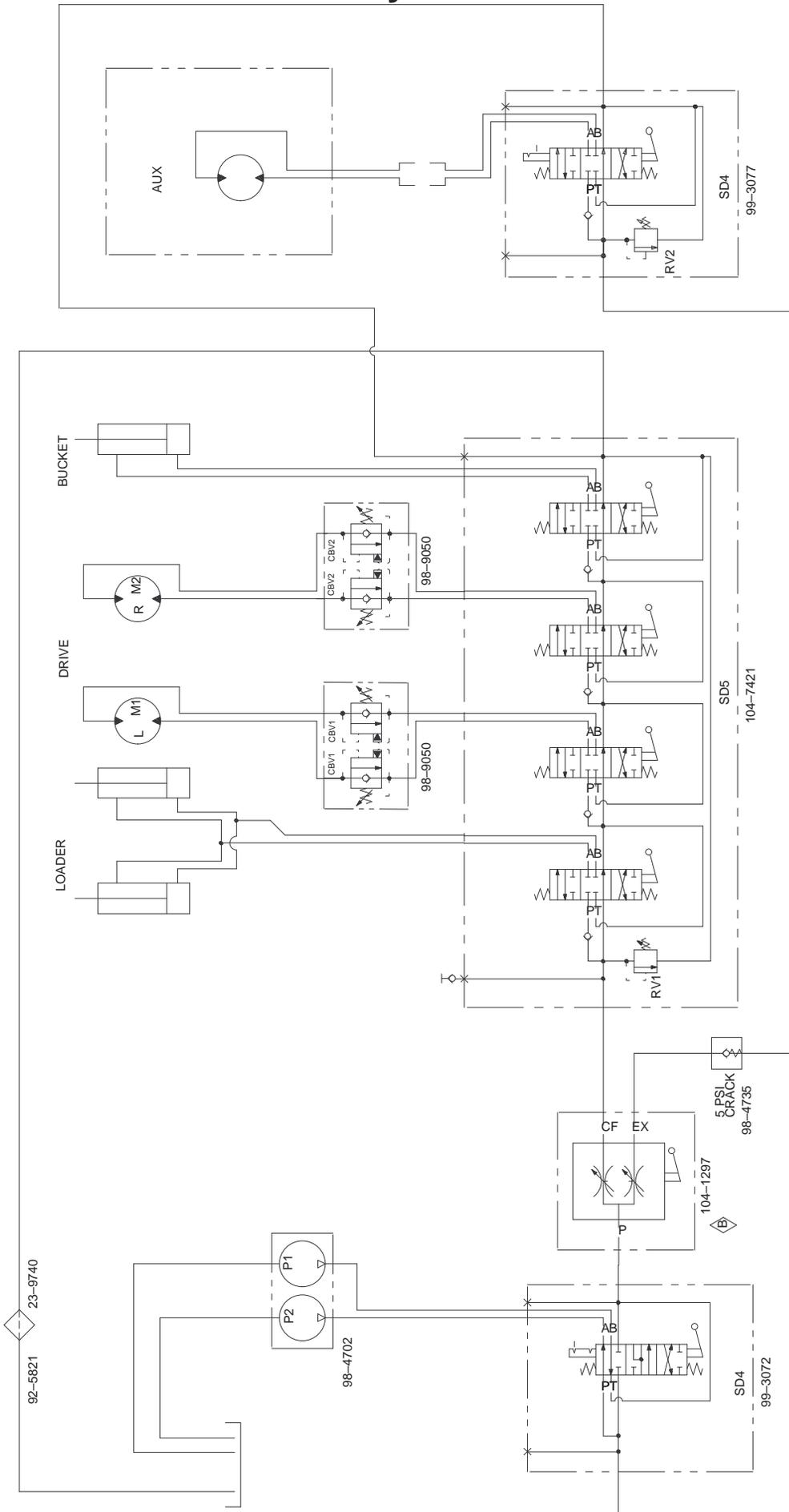


IGNITION SWITCH

OFF	M+G
START	B+S
RUN	B+R



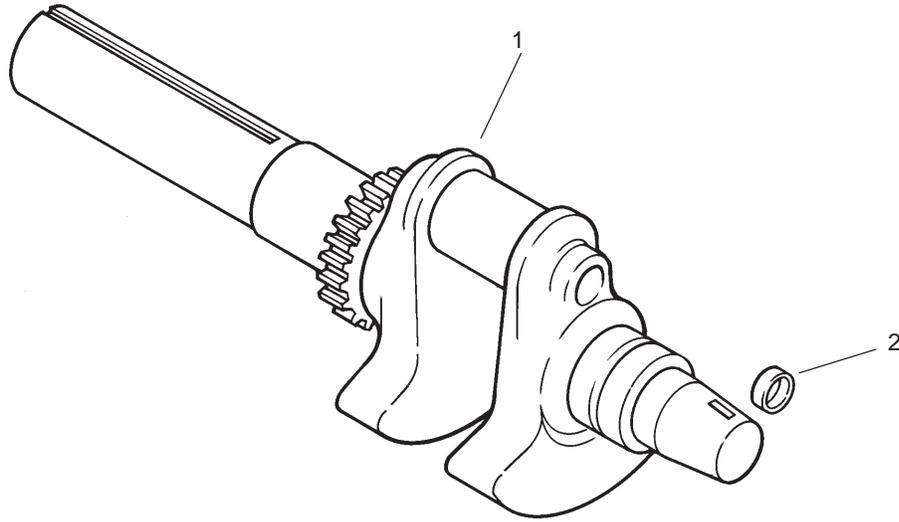
Hydraulic Schematic



DISPLACEMENT AND PRESSURE CHART

COMPONENT	DISPLACEMENT		PRESSURE		FLOWRATE*	
	CU IN/REV	CM/REV	PSI	BARS	GPM	LPM
P1	0.55	CU IN	9	CC	8.4	31.8
P2	0.24	CU IN	4	CC	3.7	14.0
M1	29.1	CU IN	476	CC		
M2	29.1	CU IN	476	CC		
RV1			3000	PSI		
RV2			3000	PSI		
CBV1			1000	PSI		
CBV2			1000	PSI		

* FLOWRATE CALCULATED AT 3600 RPM AND 98% EFFICIENCY.

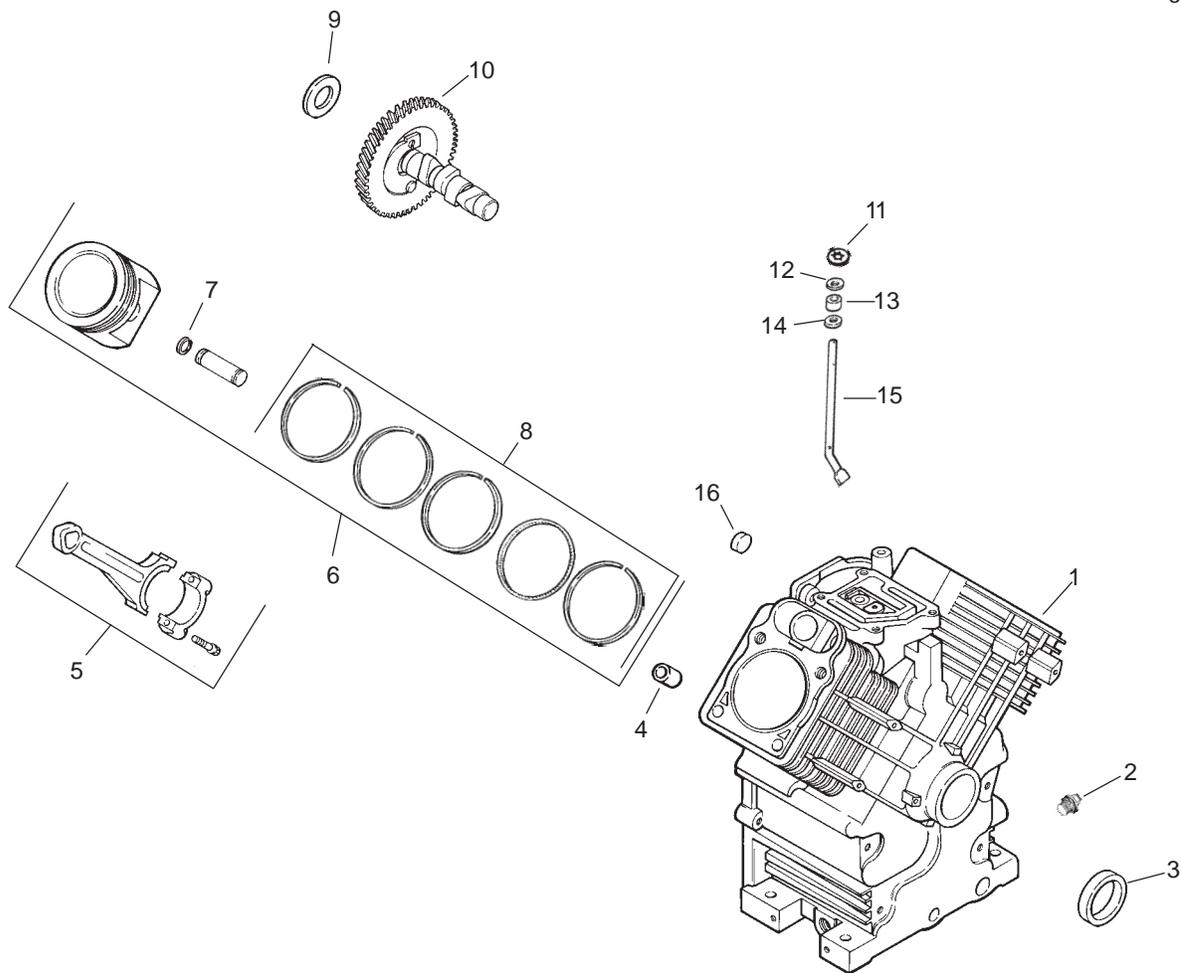


Group 1 – Crankshaft Assembly Kohler CH20S PS-64667

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

Ref. No.	Part No.	Qty.	Description

Obtain Parts from Kohler

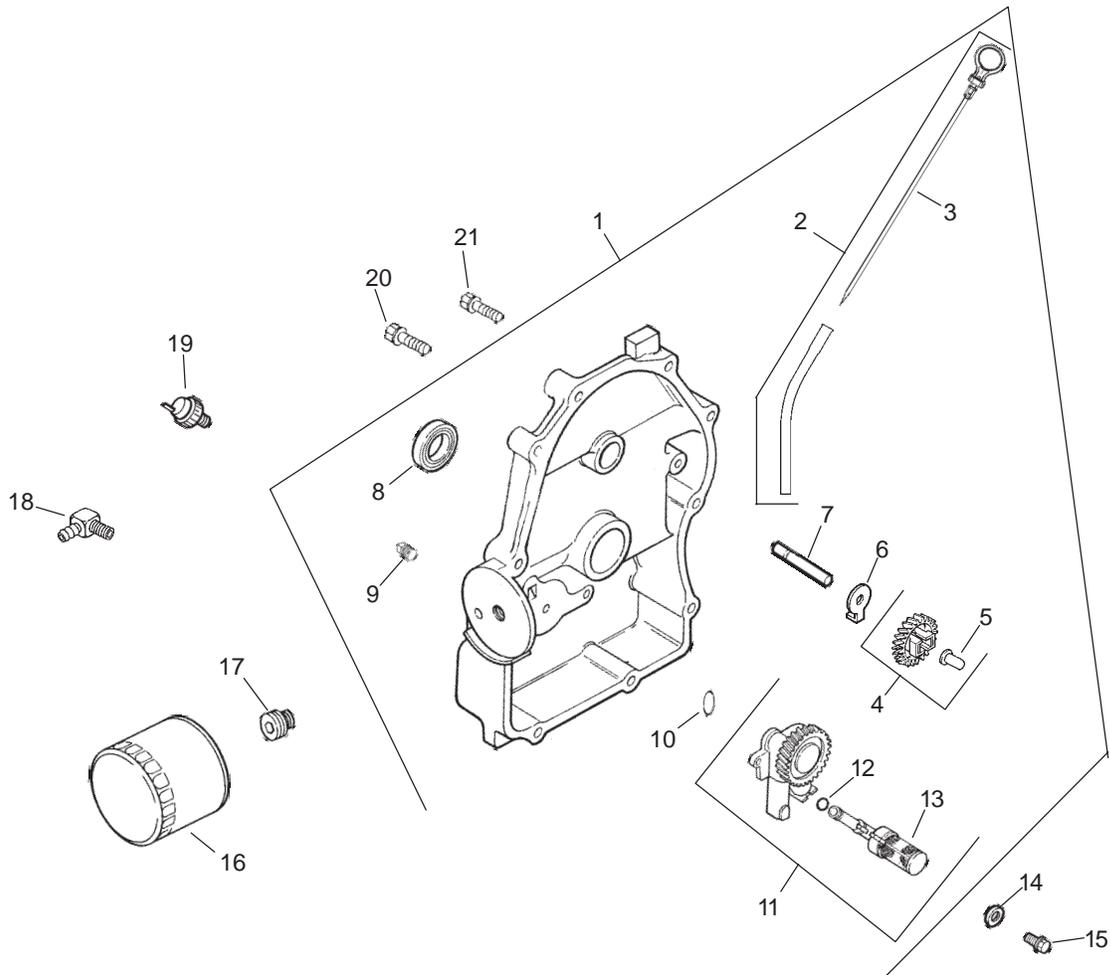


Group 2 – Crankcase Assembly Kohler CH20S PS-64667

Ref. No.	Part No.	Qty.	Description
1		1	Crankcase (USE: Miniblock 24 782 15)
2	52 139 02-S	2	Plug, hex. hd. 3/8 N.P.T.F.
3	24 032 01-S	1	Seal, oil front
4	24 380 13-S	6	Pin, dowel locating
5	24 067 13-S	2	Connecting Rod (Std.)
	24 067 14-S	2	Connecting Rod (.25)
6	24 874 17-S	2	Piston w/Ring Set (Std.) (Includes 7, 8)
	24 874 18-S	2	Piston w/Ring Set (.25)
	24 874 19-S	2	Piston w/Ring Set (.50)
	24 874 14-S	2	Piston w/Ring Set (.08)
7	24 018 01-S	4	Retainer, piston pin
8	24 108 11-S	2	Ring Set (Std.)
	24 108 12-S	2	Ring Set (.25)
	24 108 13-S	2	Ring Set (.50)
9	12 422 09-S	A.R.	Shim, camshaft
	12 422 13-S	A.R.	Shim, camshaft
	12 422 07-S	A.R.	Shim, camshaft
	12 422 08-S	A.R.	Shim, camshaft
	12 422 10-S	1	Shim, camshaft
	12 422 11-S	A.R.	Shim, camshaft

Ref. No.	Part No.	Qty.	Description
	12 422 12-S	A.R.	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
14	24 468 15-S	1	Washer, (bottom)
15	24 144 33-S	1	Shaft, governor cross
16	52 139 09-S	1	Plug, cup

Obtain Parts from Kohler

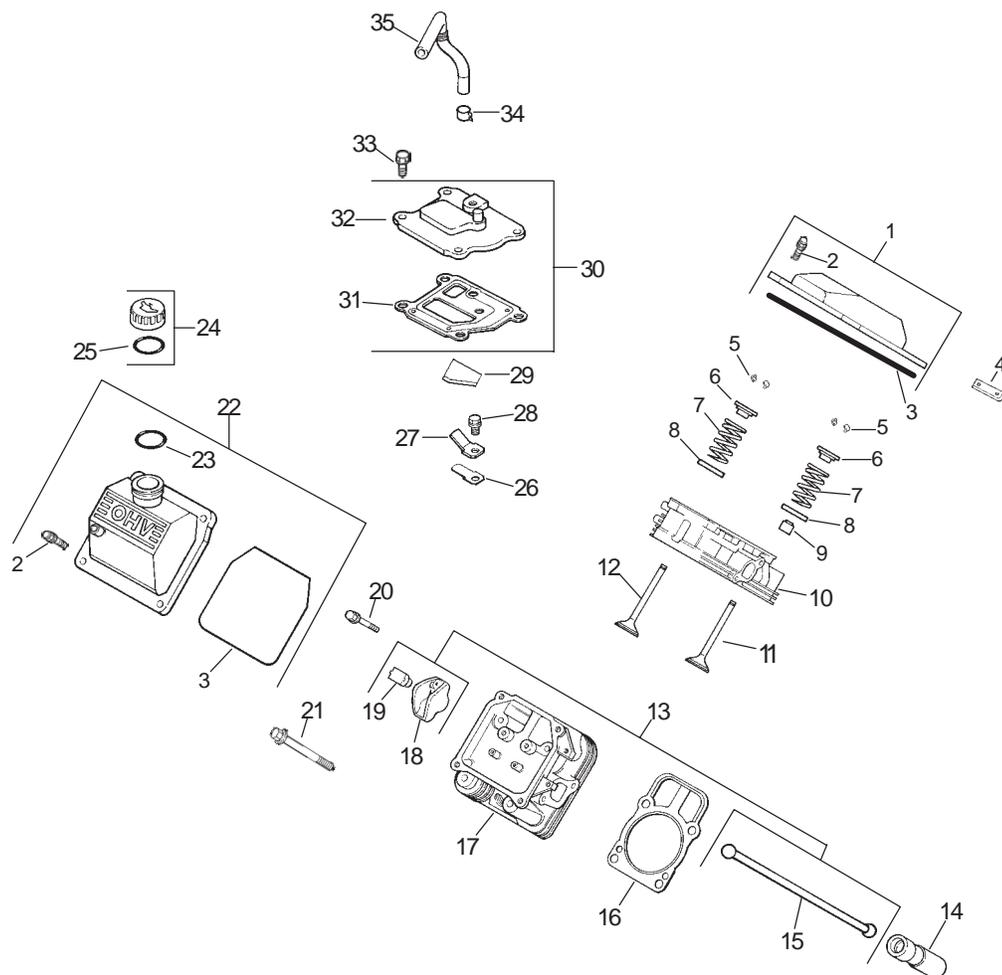


Group 3 – Oil Pan/Lubrication Assembly Kohler CH20S PS-64667

Ref. No.	Part No.	Qty.	Description
1	24 009 82-S	1	Kit, closure plate (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, governor gear w/pin (Includes 5)
5	12 380 01-S	1	Pin, governor regulating
6	52 448 02-S	1	Tab, locking
7	12 144 02-S	1	Shaft, governor gear
8	52 032 08-S	1	Seal, oil (PTO end)
9	25 139 60-S	2	Plug, allen hd. 1/8 pipe
10	24 153 08-S	1	O-Ring
11	24 393 10-S	1	Oil pump assembly (Includes 12, 13)
12	24 153 01-S	1	O-Ring, oil pick-up
13	24 381 04-S	1	Pick-up, oil
14	M-631005-S	2	Washer, plain 6 mm
15	M-645025-S	2	Screw, hex. flange M6x1.0x25
16	52 050 02-S	1	Filter, oil
17	24 136 01-S	1	Nipple, oil filter
18	25 155 02-S	1	Connector

Ref. No.	Part No.	Qty.	Description
19	24 099 03-S	1	Switch, oil pressure
20	24 086 16-S	9	Screw, hex. flange M8x1.25x45
21	24 086 17-S	1	Screw, hex. flange M8x1.25x45

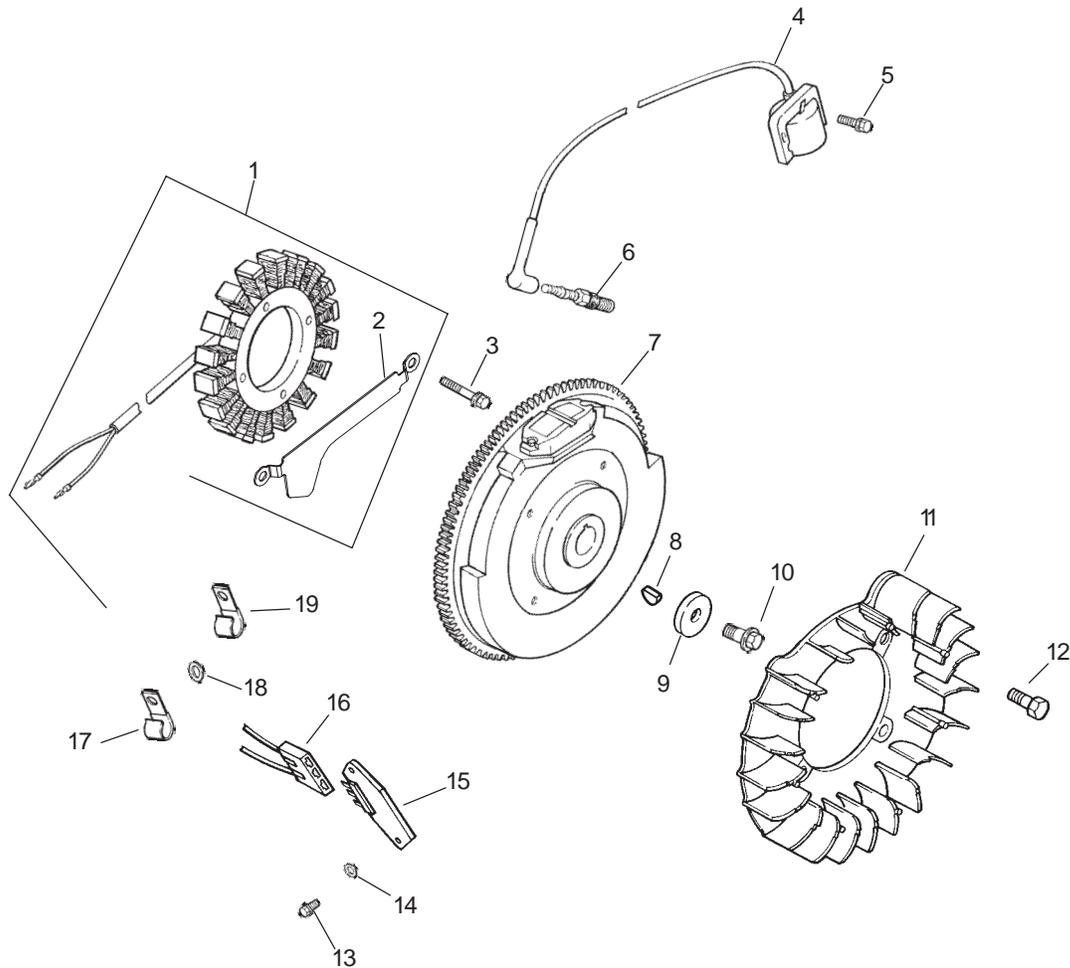
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Group 4 – Head/Valve/Breather Assembly Kohler CH20S PS-64667

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)	19	24 599 01-S	4	Pivot, rocker arm
2	24 086 32-S	4	Screw, shoulder	20	M-640034-S	4	Screw, hex. flange M6x1.0x34
3	24 153 16-S	1	O-Ring	21	12 086 16-S	8	Screw, hex. flange M10x1.5x91
4	24 445 01-S	1	Strap, lifting	22	24 755 75-S	1	Kit, valve cover – oil fill (Includes 2, 3, 23)
5	12 755 03-S	4	Kit, retainer	23	24 153 09-S	1	O-Ring
6	12 173 01-S	4	Cap, valve spring	24	24 755 46-S	1	Kit, oil fill cap (Includes 25)
7	24 089 02-S	4	Spring, valve	25	12 153 03-S	1	O-Ring, oil fill cap
8	235011-S	4	Retainer, spring	26	24 402 03-S	1	Reed, breather
9	66 032 05-S	2	Seal, valve stem	27	12 018 01-S	1	Retainer, breather reed
10	24 318 09-S	1	Head assembly, #1 cylinder	28	M-545010-S	1	Screw, hex. flange M5x0.8x10
11	24 017 01-S	2	Valve, intake (Std.)	29	24 050 01-S	1	Filter, breather
	24 017 02-S	2	Valve, intake (.25)	30	24 033 01-S	1	Kit, breather (Includes 31, 32)
12	24 016 01-S	2	Valve, exhaust (Std.)	31	24 041 23-S	1	Gasket, breather
	24 016 02-S	2	Valve, exhaust (.25)	32	24 096 58-S	1	Cover, breather
13	24 755 66-S	1	Kit, valve train (Includes 15, 18, 19)	33	M-645020-S	4	Screw, hex. flange M6x1.0x20
14	25 351 01-S	4	Lifter, valve	34	25 237 14-S	1	Clamp, breather
15	24 411 05-S	4	Rod, push	35	24 326 26-S	1	Hose, breather
16	24 041 08-S	2	Gasket, cylinder head				
17	24 318 10-S	1	Head assembly, #2 cylinder				
18	25 186 01-S	4	Arm, rocker				

Obtain Parts from Kohler



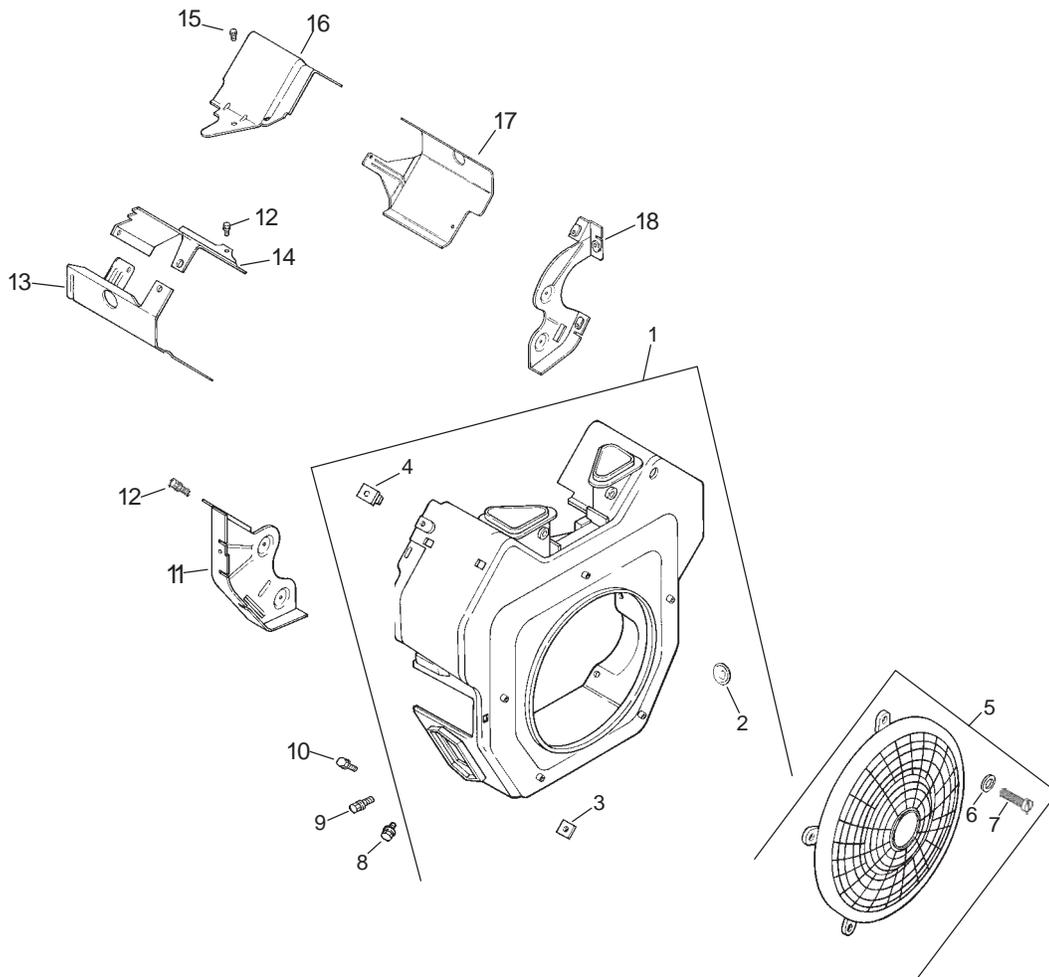
Group 5 – Ignition/Electrical Assembly Kohler CH20S PS-64667

Ref. No.	Part No.	Qty.	Description
1	54 755 09-S	1	Kit, 15 amp stator (Includes 2)
2	24 126 71-S	1	Bracket, stator wire
3	M-548025-S	2	Screw, hex. cap M5x0.8x25
4	24 584 01-S	2	Module, ignition
5	M-545020-S	4	Screw, hex. flange M5x0.8x20
6	12 132 06-S	2	Spark Plug
7	24 025 04-S	1	Flywheel
8	X-42-15-S	1	Key
9	12 468 03-S	1	Washer, plain 3/8
10	12 086 14-S	1	Screw, hex. flange M10x1.5x46
11	24 157 03-S	1	Fan
12	25 086 47-S	4	Bolt, shoulder
13	24 086 18-S	2	Screw, phillips hd. 11-16x7/8
14	X-25-92-S	2	Washer, plain 3/16
15	25 403 03-S	1	Rectifier-regulator 15 amp
16	236602-S	1	Connector
17	235173-S	1	Clip, cable
18	X-25-63-S	1	Washer, plain 1/4

Ref. No.	Part No.	Qty.	Description
19	48 154 02-S	1	Clip, cable (for B+ lead)
*	24 176 08-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, sems hex. cap 10-16x1/2 (mounts 5 wire connector of wiring harness to barrel baffle above starter)
*	X-22-11-S	1	Washer, lock 1/4"

* Not Illustrated

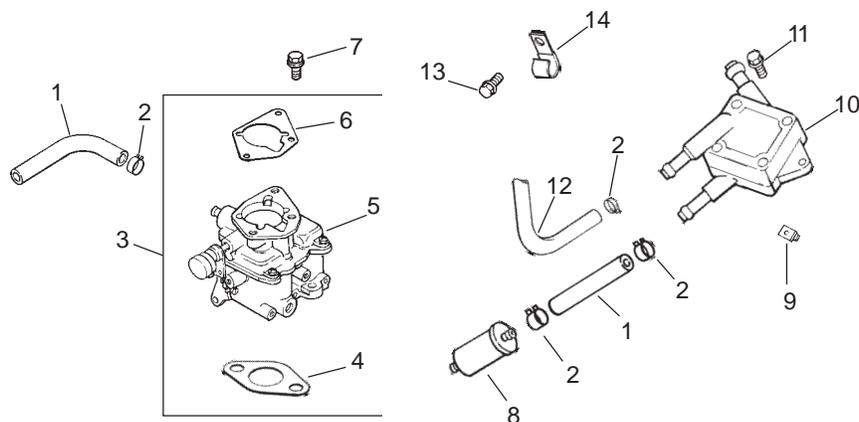
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Group 6 – Blower Housing Assembly Kohler CH20S PS-64667

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 027 39-S	1	Housing, blower ASM (Includes 2-4, and Insert 24 332 01-S qty. 5)	13	24 063 20-S	1	Baffle, cylinder barrel – #2 side
2	25 139 16-S	1	Plug, button 9/16	14	24 063 17-S	1	Baffle, valley – #2 side
3	24 100 01-S	2	Nut, plastic	15	M-545010-S	2	Screw, hex. flange M5x0.8x10
4	24 100 02-S	2	Nut, plastic	16	24 063 24-S	1	Baffle, valley – #1 side
5	24 755 81-S	1	Kit, fixed guard (Includes 6, 7, and Insert 24 332 01-S qty. 5)	17	24 063 58-S	1	Baffle, cylinder barrel – #1 side
6	24 468 10-S	5	Washer, plain 1/4"	18	24 146 20-S	1	Plate, backing – #1 side
7	24 086 35-S	5	Screw, pan hd. M5x0.8x10	*	25 113 24-S	1	Decal, small round
8	M-551016-S	1	Screw, hex. flange M5x0.8x16	*	24 113 95-S	1	Decal, HP
9	M-545016-S	3	Screw, hex flange M5x0.8x16				
10	M-545020-S	4	Screw, hex flange M5x0.8x20				
11	24 146 16-S	1	Plate, backing – #2 side				
12	M-645016-S	6	Screw, hex. flange M6x1.0x16				

* Not Illustrated
Obtain Parts from Kohler

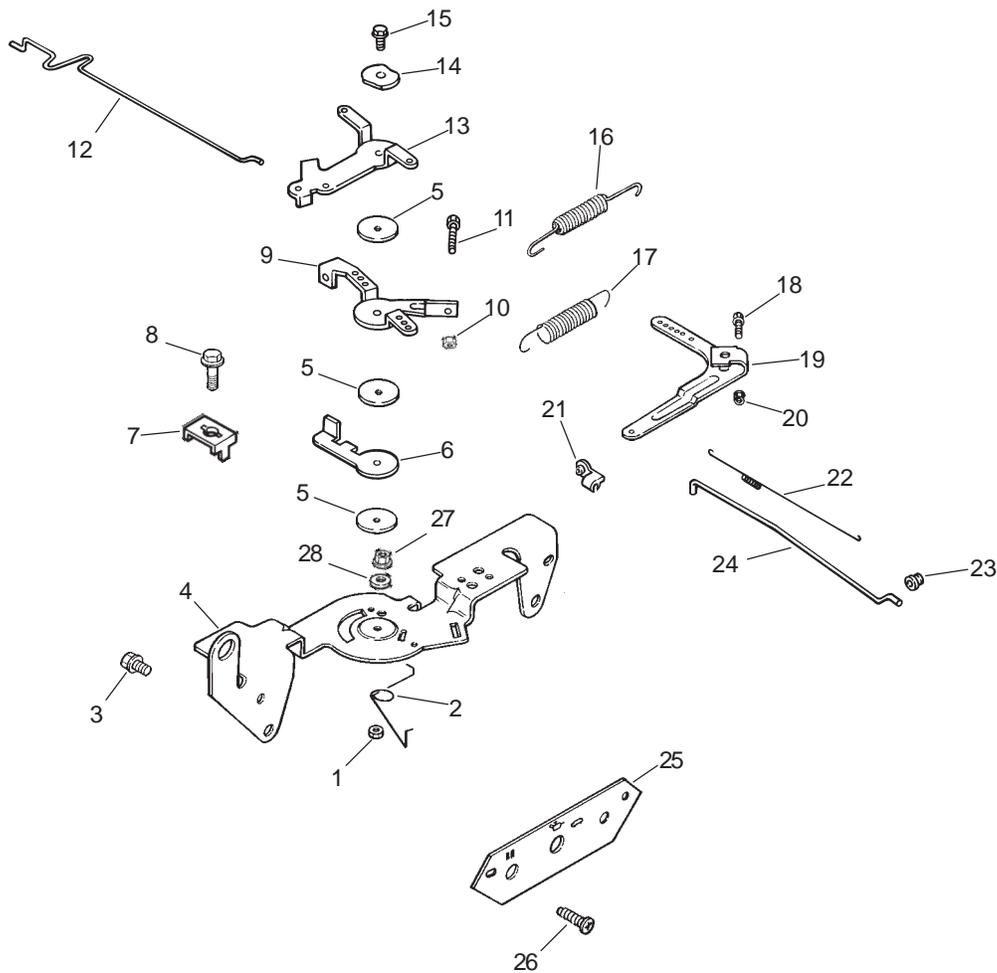


Group 8 – Fuel System Assembly Kohler CH20S PS-64667

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, hex. flange M6x1.0x10
2	25 237 14-S	6	Clamp, hose	14	47 154 01-S	1	Clip, cable
3	24 853 43-S	1	Kit, carburetor w/gasket (Includes 4-6)	*	24 757 01-S	1	Kit, solenoid
4	24 041 17-S	1	Gasket, carburetor	*	24 757 02-S	1	Kit, float
5	24 053 43	1	Carburetor assembly (For information only not available separately) (Service with: 24 757 01-S, 24 757 02-S, 24 757 03-S, 24 757 07-S)	*	24 757 03-S	1	Kit, carburetor repair
6	24 041 06-S	1	Gasket, air cleaner	*	24 757 07-S	1	Kit, choke repair
7	M-651030-S	2	Screw, hex. flange M6x1.0x30				
8	24 050 02-S	1	Filter, fuel				
9	24 100 01-S	2	Nut, plastic				
10	24 393 16-S	1	Pump, fuel – pulse				
11	24 086 12-S	2	Screw, hex. cap 18 mm				
12	24 353 02-S	1	Line, fuel 15-1/2"				

* Not Illustrated

Obtain Parts from Kohler

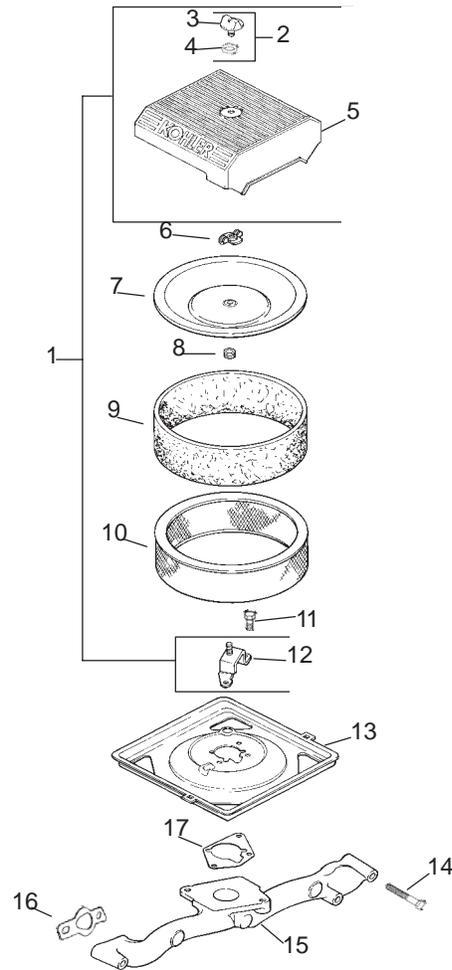


Group 9 – Engine Control Assembly Kohler CH20S PS-64667

Ref. No.	Part No.	Qty.	Description
1	M-547050-S	1	Nut, hex. lock M5x0.8
2	24 089 03-S	1	Spring, choke return
3	M-645016-S	4	Screw, hex. flange M6x1.0x16
4	24 126 56-S	1	Bracket, control
5	24 468 01-S	3	Washer, plain 1/4
6	24 090 07-S	1	Lever, throttle actuator
7	12 237 01-S	2	Clamp, cable
8	M-545016-S	3	Screw hex. flange M5x0.8x16
9	24 090 03-S	1	Lever, throttle control
10	M-446030-S	1	Nut, hex. flange M4x0.7
11	M-401030-S	1	Screw, hex. flange M4x0.7x30
12	24 079 02-S	1	Linkage, choke
13	24 090 05-S	1	Lever, choke
14	41 468 03-S	1	Washer, spring 1/4
15	M-545020-S	1	Screw, hex. flange M5x0.8x20
16	24 089 51-S	1	Spring, throttle limiter
17	24 089 46-S	1	Spring, governor
18	24 211 03-S	1	Bolt, rd. hd. sq. neck M6x1.0x25

Ref. No.	Part No.	Qty.	Description
19	24 090 33-S	1	Lever, governor
20	M-641060-S	1	Nut, hex. flange M6x1.0
21	25 158 11-S	1	Bushing, linkage retaining
22	24 089 01-S	1	Spring, linkage
23	25 158 08-S	1	Bushing, throttle linkage
24	24 079 01-S	1	Linkage, throttle
25	24 378 01-S	1	Panel, control
26	24 086 06-S	1	Screw, phillips hd. 11-16x3/4"
27	M-541050-S	1	Nut, hex. flange M5x0.8
28	X-20-1-S	1	Washer, lock 1/4

Obtain Parts from Kohler



Group 10 – Air Intake/Filtration Assembly Kohler CH20S PS-64667

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 743 06-S	1	Kit, air cleaner cover (Includes 2-5, 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, cover knob				
5	24 096 26-S	1	Cover, air cleaner				
6	12 100 01-S	1	Wing Nut				
7	24 096 01-S	1	Cover, inner air cleaner				
8	24 032 03-S	1	Seal				
9	24 083 02-S	1	Precleaner				
10	47 083 03-S	1	Element				
11	M-639016-S	3	Screw, hex. flange M6x1.0x16				
12	24 126 21-S	1	Bracket, air cleaner				
13	24 094 03-S	1	Base, air cleaner				
14	25 086 84-S	4	Screw, hex. flange M6x1.0x55				
15	24 164 14-S	1	Manifold, intake				
16	24 041 01-S	2	Gasket, intake manifold				
17	24 041 06-S	1	Gasket, air cleaner base				

Obtain Parts from Kohler

