

KOHLER® Engine Accessories

2011 Edition



KOHLER®

Contents

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Kohler central distributors are listed on this page. They...and all Kohler dealers...can quickly provide the field-installed accessories in this catalog to keep your KOHLER® engines running smoothly and efficiently.

UNITED STATES

STATE/PROVINCE	KOHLER CENTRAL DISTRIBUTOR	CITY	PHONE
Arizona	Loftin Equipment Co., Inc	Phoenix	602-272-9466
California	H. G. Makelim Co.	Anaheim	650-873-4757
	H. G. Makelim Co.	S. San Francisco	650-873-4757
Colorado	H. G. Makelim Co.—Denver	Aurora	303-307-8874
Florida	Gardner of Florida, Inc.	Jacksonville	888-889-3010
Kansas	Medart—Kansas City	Edwardsville	636-282-2300
Massachusetts	Gardner-Connell	Franklin	508-543-3600
Minnesota	Central Power Distributors, Inc.	Anoka	763-576-0901
Mississippi	Medart—Tennessee/Mississippi	Olive Branch, MS	636-282-2300
Missouri	Medart—St. Louis	St. Louis	636-282-2300
Montana	Original Equipment, Inc.	Billings	406-245-3081
Ohio	Gardner, Inc.—Ohio	Columbus	614-456-4000
Oregon	Power Equipment Systems	Salem	800-782-2700
Tennessee	Medart—Tennessee/Mississippi	Olive Branch, MS	636-282-2300
Texas	Waukesha-Pearce Industries, Inc.	Houston	713-723-1050
Utah	Diesel Electric Service & Supply Co., Inc.	Salt Lake City	801-972-1836
Virginia	Chesapeake Engine Distributors	Ashland	804-550-2231
Wisconsin	Central Power Distributors, Inc.	Menomonee Falls	262-250-1977

CANADA

Alberta	Lotus Equipment Sales, Ltd.	Calgary	403-253-0822
British Columbia	Magneto Sales	Surrey	604-888-7240
Manitoba	Yetman's Ltd.	Winnipeg	204-586-8046
Ontario	CPT—Canada Power Technology	Mississauga	905-890-6900

INTERNATIONAL ~ Visit the Dealer Locator: www.KohlerEngines.com

The Growing Family of KOHLER Engines

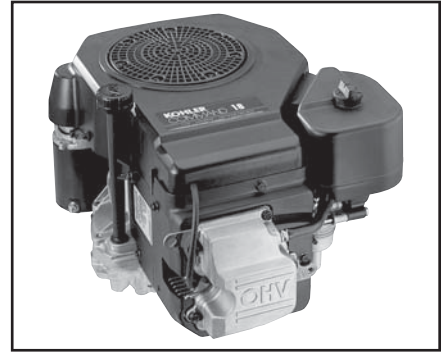
SINGLE CYLINDER



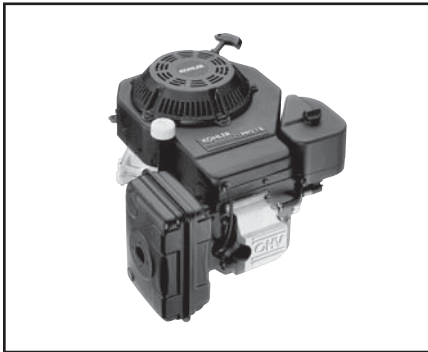
Courage® 3.5-4.5 HP
Air-cooled, vertical, OHV
Models: XT-6, XT-7



Courage® 15-22 HP
Air-cooled, vertical, OHV
Models: SV470, 480, 530, 540, 590, 600, 610, 620



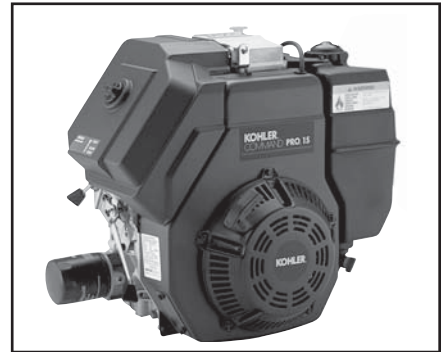
Command® 13-18 HP
Air-cooled, vertical, OHV
Models: CV13, 15, 460, 490, 492



Command PRO® 13-18 HP
Air-cooled, vertical, OHV
Models: CV13, 15, 493



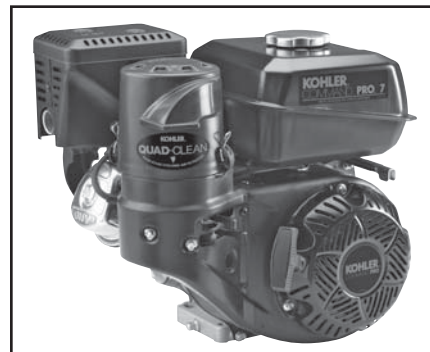
Command PRO® CS 4-12.75 HP
Air-cooled, horizontal, OHV
Models: CS4, 6, 8.5, 10, 12



Command PRO® 11-15 HP
Air-cooled, horizontal, OHV
Models: CH15, 410, 430, 450



Courage® 6.5 HP
Air-cooled, horizontal, OHV
Model: SH265



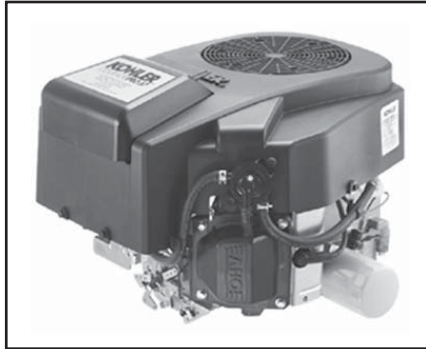
Command PRO® 7-14 HP
Air-cooled, horizontal, OHV
Models: CH270, 395, 440

The Growing Family of KOHLER Engines

TWIN CYLINDER



KOHLER Courage® 20-27 HP
Air-cooled, vertical, OHV
Models: SV710, 715, 720, 730, 735, 740



KOHLER Courage PRO™ 20-27 HP
Air-cooled, vertical, OHV
Models: SV810, 820, 830, 840



KOHLER Aegis® 24-31 HP
Liquid-cooled, horizontal, OHV
Models: LH640, 690, 755, 775 EFI



Command PRO® 34-40 HP
Air-cooled, horizontal, OHV
Models: CH940, 960, 980, 1000



Command PRO® 34-40 HP
Air-cooled, vertical, OHV
Models: CV940, 960, 980, 1000



Command PRO® 18-30 HP
Air-cooled, vertical, OHV
Models: CV18, 22, 25, 26, 620, 640, 680, 730, 740, 745 EFI, 750
EFI ECV630, 650, 680, 730, 740, 749



Command PRO® 18-30 HP
Air-cooled, horizontal, OHV
Models: CH18, 20, 22, 25, 26, 620, 640, 680, 730, 740, 745 EFI, 750
EFI ECH630, 650, 680, 730, 740, 749

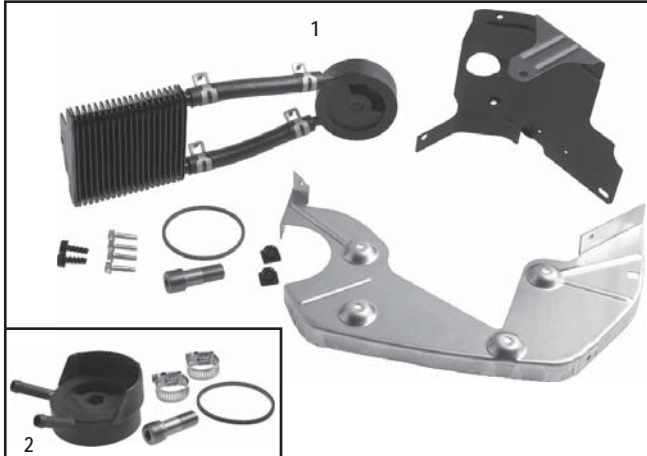


Command® 18-27 HP
Air-cooled, horizontal, OHV
Models: CH18, 20, 22, 620, 640, 680, 730, 740



Command® 18-27 HP
Air-cooled, vertical, OHV
Models: CV18, 20, 22, 620, 640, 680, 730, 740

Lubrication



OIL COOLER KIT

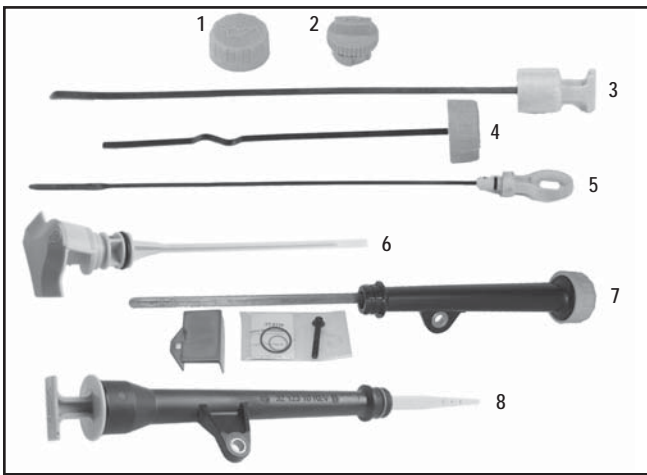
To add cooler to engine. Reduces oil sump temperature up to 40°F.

Kit No.	Adapter Material	Models	Item
24 755 120-S*	Stanyl	CH/CV17-26/730-750	1
24 029 75-S Base Only	Stanyl	CH/CV17-26/730-750	2

*Increases engine width on oil filter side by 1.25" (CH twins) or 0.625" (CV twins).

OIL COOLER HOSE

Part No.	Length	I.D.
24 326 17-S*	450mm (17.7")	9.52 mm (3/8")



YELLOW ACCESSORIES

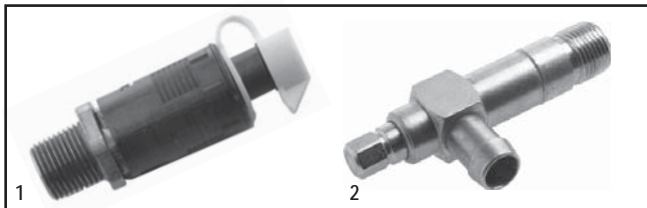
Part No.	Item	Models	Item
24 755 46-S*	Oil fill cap kit	CH18-26/730-750, LH640-775 ECH630-749	1
24 227 02-S**	Oil fill cap assy	CH18-26/730-750, LH640-775	2
12 038 10-S	Dipstick, bent tube	CH11-15	3
12 038 14-S	Dipstick, straight tube	CH11-15	3
12 038 02-S	Dipstick, straight tube	CV11-16/460-493	4
24 038 04-S	Dipstick, straight tube	CV17-26/730-750, ECV630-749	4
66 038 01-S	Dipstick, bent tube	LV625-680	4
24 038 10-S***	Dipstick, bent/straight tube	CH18-26/730-750, LH640-775	5
20 040 08-S	Dipstick, bent tube (Standard)	SV470-620	6
24 123 22-S****	Dipstick, tube kit (plastic)	CH18-26/730-750, LH640-775	7
32 755 04-S	Kit	SV710-740/810-840	8

* For valve cover with pulse-type fuel pump, not mechanical fuel pump. Includes O-ring.

** For valve cover with mechanical fuel pump. Includes O-ring.

*** Used with flared tube for improved seal. Standard since Serial No. 3016800011. Earlier standard dipstick 24 038 06-S superseded to 24 755 121-S Kit which includes the 24 038 10-S dipstick and three dipstick tubes to fit all CH twin configurations.

**** Can be used in place of the 1" diameter metal oil fill/dipstick tube for improved seal. Can be used with standard canister-style mufflers. Do not use on applications with crossover manifolds.

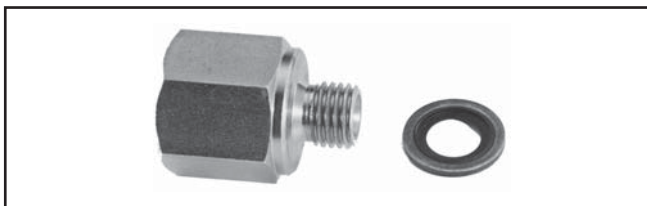


OIL DRAIN VALVE KIT

Part No.	Drain Hole	Item
25 755 14-S	3/8"-18 NPTF	1
25 462 12-S 2"	3/8"-18 NPTF	2
25 462 13-S 3"	3/8"-18 NPTF	—

Includes 25 173 14-S yellow plastic cap.

*For CH6, also order 15 158 02-S bushing which adapts 3/8" NPT valve to 1/2" NPT engine drain.



OIL DRAIN ADAPTER

For use with 25 755 14-S Oil Drain Valve Kit (3/8"-18). Includes seal.

Part No.	Thread, Engine End	Thread, Cap End	Models
63 755 11-S*	M10-1.25, Male	1/8"-27, Female	CS4-6, CH270, SH265, WH208
63 755 10-S	M12-1.5, Male 2	3/8"-18, Female	CS8.5-12

*Customer must furnish a 1/8"-27 straight pipe (to extend away from engine), and a 3/8"-18 x 1/8"-27 reducer coupling for attaching pipe to Valve Kit.



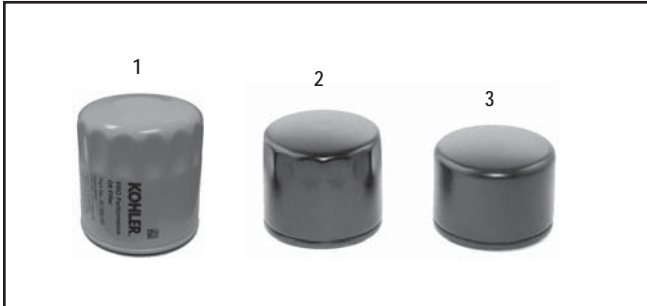
OIL DRAIN HOSE

For use with 25 755 14-S Oil Drain Valve Kit (3/8"-18).

Part No.	Length	Thread
24 326 59-S*	7"	3/8"-18, Male (both ends)
24 326 66-S**	12.25"	3/8"-18, Female (one end)
25 326 05-S**	28"	3/8"-18, Female (one end)

* Also order 25 249 01-S Female Coupling for attaching hose to Valve Kit.

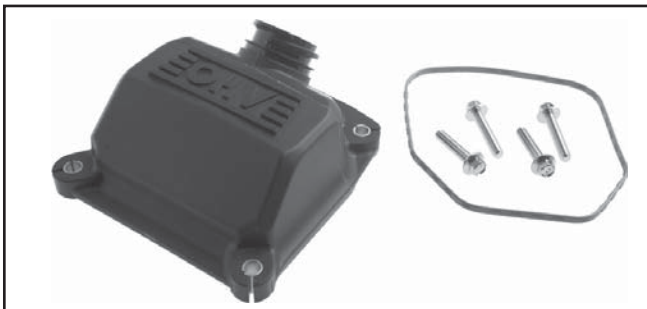
** Also order 24 294 22-S Barbed Fitting and 25 237 02-S Clamp for attaching hose to oil drain hole.



OIL FILTERS

Part No.	Height	Models	Item
52 050 02-S	3.11"	CH11-15 PRO, SV470-610 CV13-15/493 PRO, SV710-740, CH/CV18-26/730-745 PRO, LV625-675, LH640-775, ECH/ECV630-749	1
12 050 01-S	2.72"	CV11-16/460-492, SV470-610, CH/CV17-25/730-740, SV710-740, TH520-575	2
28 050 01-S*	2.32"	TH520-575, ECH/ECV630-749	3

* Shorter for applications with interference issues. Approx. 15% less filter capacity.



VALVE COVER WITH OIL FILL

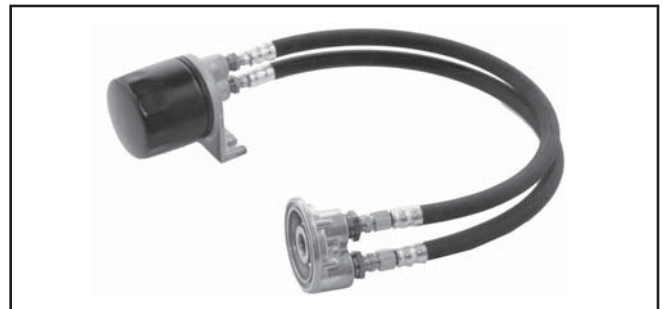
Ideal for adding an extra oil fill location.

Part No.	Description	Models
24 755 140-S*	Valve cover with oil fill**	CH18-26/730-745, ECH630-749
66 755 10-S*	Valve cover with oil fill***	LH640-775

* Usable on either valve cover side, except for basic engines which include a mechanical fuel pump (with oil fill) in filter side valve cover.

** Also order 24 755 46-S yellow cap/o-ring assembly, or 25 755 13-S black cap/o-ring assembly.

***Includes yellow cap, o-ring, etc.



REMOTE OIL FILTER

Kit No.	Oil Line Length	Models
24 702 02-S*	23"	CH/CV11-16/460-493, SV470-610, CH/CV17-26, CH/CV730-750, LV625-675, SV710-740, ECH/ECV630-749

*Includes 12 050 01-S Filter.

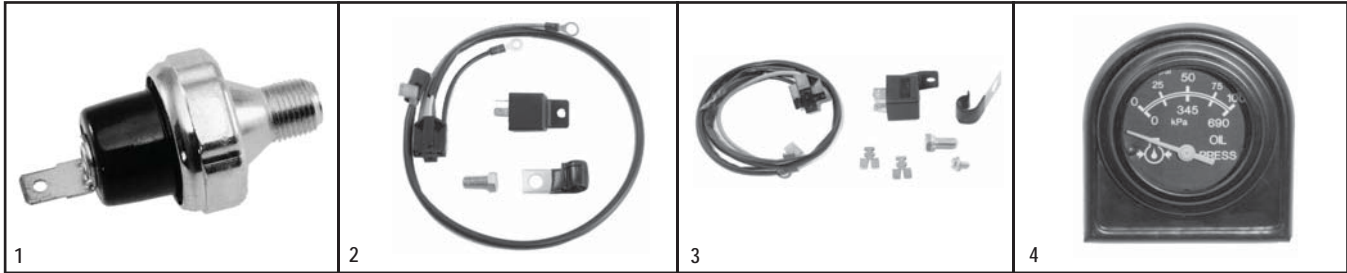


OIL FILTER BASE (ENGINE-MOUNTED)

Part No.	Position	Extends	Models
24 702 01-S*	Rotatable, 6 positions	3-4"	CH/CV17-22, LV625-680

* Not usable on specs with oil cooler. Includes 12 050 01-S filter.

Lubrication



OIL PRESSURE SWITCH (OIL SENTRY™)

Available on electric start engines only.

Part No.	Circuit	PSI To Activate	Models	Item
12 704 01-S*	Normally Closed	2-5	CH/CV11-16/460-493	1
52 704 01-S*	Normally Closed	2-5	CH/CV17-26/730-745, LV625-680	1
24 099 03-S	Normally Closed	2-5	CH/CV17-26/730-745, SV810-840	1
25 099 27-S	Normally Closed	2-6	LH640-775 (Standard on basics)	1

*Kit includes switch, other components and instructions.

OIL PRESSURE BYPASS KITS

Allows for momentary bypass of oil pressure switch when electric starter is engaged.

Part No.	Circuit	Models	Item
82 755 25-S	Normally Closed	CH11-15*, CH/CV17-26/730-745, CH/CV940-1000, LV625-680, LH640-775, ECH/ECV630-749	2
25 743 05-S	Normally Open**	CH/CV14 LP**	3

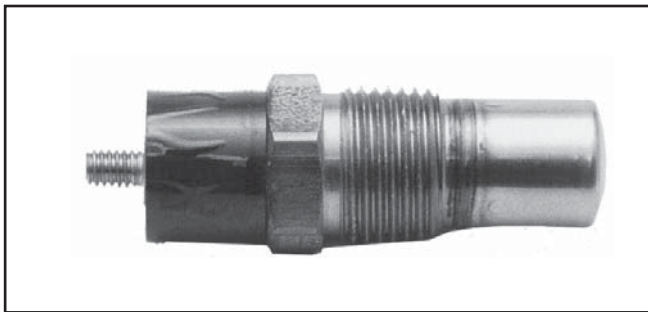
*Usable on CH11-15, except with solenoid shift starter. Became standard on CH11-15 PRO electric start basics beginning with serial no. 3208409911.

**Usable on any engine where the fuel system valve is controlled by a "normally open" oil pressure switch, typically found on gaseous fuel engines.

OIL PRESSURE GAUGE KIT

Includes sender that mounts to oil filter base, gauge holder/hardware for mounting on top of engine-mounted control panel. (See "CONTROLS" section.)

Part No.	Pressure Range	Models	Item
66 755 13-S	0-100 psi (0-690 kPa)	LH640-775	4



OIL TEMPERATURE SENSOR

Fits into oil drain hole to signal when temperature exceeds recommended range.

Part No.	Open	Closed	Models
24 418 01-S (standard)	310°F	350°F	CH/CV17-26*/730-745, LV625-680, LH640-775
24 418 02-S	255°F	310°F	CH/CV17-26*/730-745, LV625-680, LH640-775, ECH/ECV630-749

*On CV specs, use on starter side only. Filter side has oil cooler.



OIL WARNING LIGHTS

Part No.	Notes	Lead Length	Models
25 704 05-S*	Non-mobile equipment	6"	TH520-575
12 704 02-S**	'S' or 'ST'	6"	CH/CV11-16/460-493
25 352 06-S	Need 15 176 03-S harness	3"	CH5-6
25 352 10-S***	—	6.5", 9"	CH18-26/730-745, ECH/ECV630-749
25 352 12-S***	—	6.5", 9"	LH640-775

*Includes light plus other parts not necessarily needed.

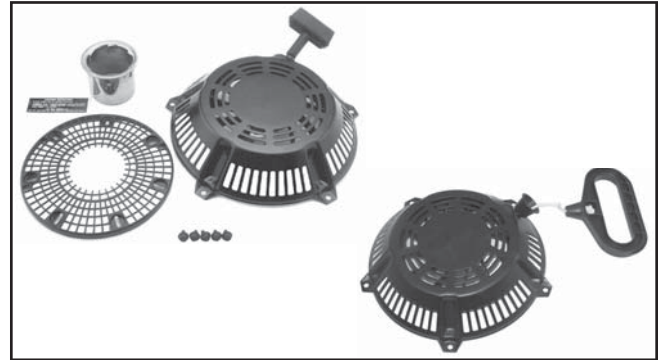
**Includes light, pressure switch, wiring, etc.

***Usable in panel kits. (See "CONTROL PANEL" page).

ALSO SEE PAGE 23 FOR COOLANT AND LUBRICATION ALERT ITEMS.

RECOIL START KITS

Kit No.	Models	Notes
12 755 47-S	CH/CV11-16/460-493 (Shown)	For metal blower housings only.
25 312 01-S		Optional mitt grip handle for recoil starter.
12 165 02-S		Recoil starter assembly with mitt grip handle.



ELECTRIC START KITS

Kit No.	Models	Items
12 749 02-S	CH11-15	1
12 749 03-S	CV11-16/460-493	-
	(Excludes wire harness which customer must supply due to variations.)	
17 755 03-S 110V	WH208	2

STARTER SOLENOIDS

Part No.	Description	Models
25 435 08-S	Internally grounded	CH/CV11-16/460-493



Meters, Testers, and Special Tools



Part No.	Description	Models	Item
25 455 11-S	Alcohol Content Tester - Tests for E10/E20/E85	All	1
25 449 05-S*	Usage Meter/Tachometer (solid state)	All singles & twins	2
25 761 23-S	EFI Diagnostic Kit (includes CD-ROM to diagnose engine)	All EFI	3
52 362 01-S	Hourmeter	All with electric start	4
25 455 10-S**	Radiator and Cap Tester	Liquid Cooled Models	5
25 761 38-S	Hydraulic Valve Lifter Tool	All with hydraulic lifters	6
25 455 01-S	Ignition Output Tester (all except capacitive discharge, fires at 12kV)	All single cylinder	7
KLR-82408***	Flywheel Puller Set	All	8
28 761 01-S	OHC Timing Tool Set (timing belt)	All OHC	9
DTI-110**	Inductive Tachometer	All except battery ignition	10
24 761 01-S	EFI Service Tool Kit (for individual components see Parts Bulletin 228)	All EFI	11
KLR-82411***	Electric Starter Service Kit	All	12
25 761 05-S	Cylinder Leakdown Tester	All	13
25 761 06-S	Oil Pressure Test Kit	All w/pressure lubrication	14
25 761 20-S	Rectifier/Regulator Tester (operates on 110-120 volt current)	All	15
25 761 41-S	Rectifier/Regulator Tester (operates on 220-240 volt current)	All	15
25 761 40-S	Spark Advance Module Tester	All w/spark advance module	16
DTI-721-01***	Vacuum/Pressure Tester	All	17
25 455 09-S	T-Handle for Valve Guide Reamer (below)	All	18
25 455 12-S	0.25mm Oversized Reamer for Valve Guides	Command and Aegis	18
14 455 03-S	Spark Plug Tool	XT-6 and XT-7	19
25 755 41-S	Fuel Injector Tool Kit	ECH and ECV	20

* Indicates when to service air cleaner, oil filter and change oil. Also serves as an hour meter and tachometer.

Service intervals are dependent upon environmental factors and not this meter alone.

** Designed to work with item #13 (25 761 05-S) or requires a regulated air supply.

*** Available from Kohler-recommended tool supplier, see Parts Bulletin 228.

ALSO SEE PAGE 23 FOR COOLANT AND LUBRICATION ALERT ITEMS.

Special Items



OILS, SEALANTS, LUBRICANTS

Part No.	Description	Fl. Size	For	Item
25 357 06-S	SAE 10W-30 KOHLER® Oil	32 oz.	All OHV/OHC Engines	1
25 357 03-S	SAE 30 KOHLER® Oil	32 oz.	XT-7 Engines	2
25 357 14-S	Lubricant, Camshaft/Lifter	0.25 oz.	—	3
52 357 01-S	Lubricant, Inertia Drive Starter	0.25 oz.	—	4
52 357 02-S	Lubricant, Solenoid Shift Starter	0.25 oz.	—	4
25 357 12-S	Lubricant, Spline Drive	2.8 oz.	All	5
25 357 11-S	Grease, Dielectric	0.25 oz.	All except EFI	6
25 597 07-S	Sealant (Loctite Instant Gasket)	4 oz.	All RTV Applications	7
25 597 05-S	Sealant (Loctite 620 Retaining Compound)	0.5 ml	—	8
25 597 06-S	Sealant (Loctite 222 Retaining Compound)	0.5 ml	—	8

MAINTENANCE KITS

Everything needed for periodic preventative maintenance, in a handy display pack.

Part No.	Models	Contains Air Filter
20 789 01-S	SV470-620	20 083 02-S
12 789 01-S	CV11-15, 460, 490, 492	12 083 05-S
12 789 02-S	CV11-15, 460-493 PRO	12 083 10-S
24 789 01-S	CV17-23, 724-740; CH18-25, 730-740	47 083 03-S
24 789 02-S	CV18-30, 675-740; CH18-25, 730-750 PRO	24 083 03-S
24 789 03-S	CV17-27, 730-740 WAWB	45 083 02-S
25 789 01-S	CV18-25, 625-750; CH18-25, 730-750 HDAC	25 083 01-S
32 789 01-S	SV710-740	32 083 03-S



BAFFLE MOUNTING

Part No.	Hardware Size
25 154 13-S	6mm



MOUNTING BOLT

Part No.	Hardware Size
25 086 130-S	3/8-16 Thread Forming Bolt (engine mounting)



FUEL TREATMENT

Part No.	Fl. Size
25 357 35-S	4 oz.
25 357 36-S	16 oz.



PLASTIC NUT

Part No.	Hardware Size
25 100 37-S	6mm

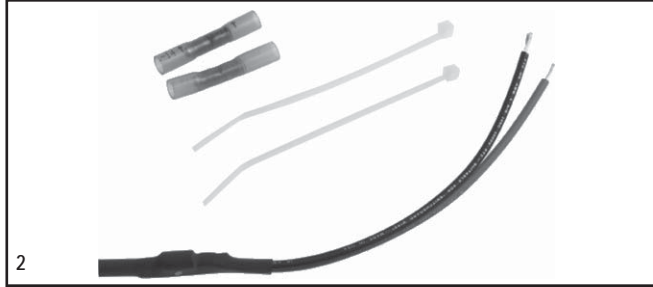
Ignition and Electrical



DIODE KIT

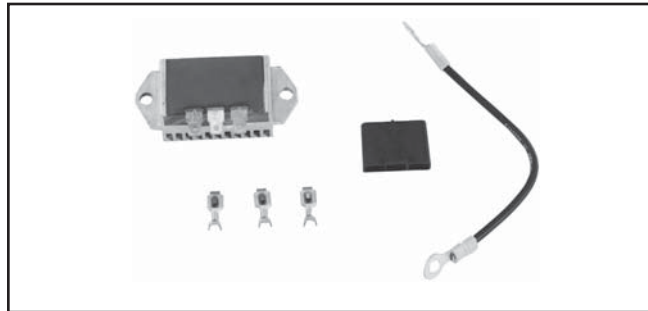
Part No.	Specifications	Models	Item
25 755 31-S	6 AMP 1000PIV	All	1
25 755 40-S*	6 AMP 800PIV	All	2

*For electric clutch spike protection



RFI/EMI CONVERSION KIT

Kit No.	Models
25 707 01-S	All CH, CV, LH, LV, SV Twins



CHARGING SYSTEMS

Part No.	Description	Models
15 Amp 237878-S	Stator Kit	CH/CV11-16/460-493, SV470-620, CH/CV17-26/730-745, LH640-775, LV625-685, SV710-740
41 403 10-S	Rectifier-Regular	All
25 Amp 28 085 02-S	Stator Kit	CH/CV11-16/460-493, SV470-620
54 755 03-S	Stator/Rectifier-Regular Kit*	CH/CV17-26/730-745, TH520-575, LH640-775, LV625-675, SV710-740
24 755 144-S	Rectifier-Regular Kit**(Shown)	

* Converts 15 amp system to 25 amp.

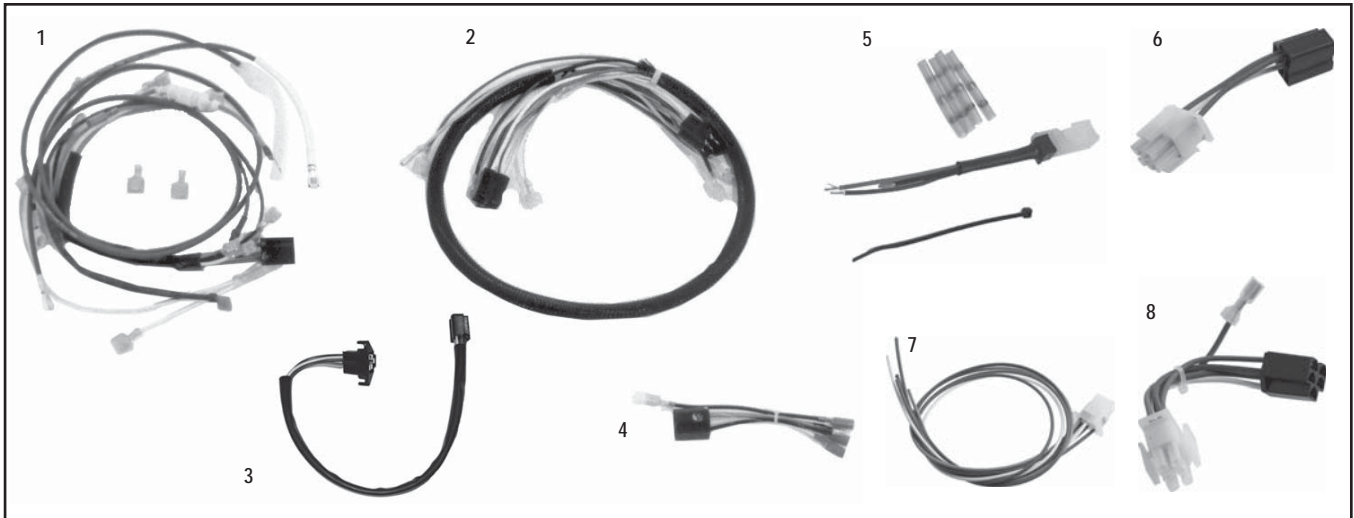
**Converts old 25 amp rectifier-regular (25 403 01-S or 25 403 04-S) to new 25 amp rectifier-regular (25 403 20-S) on all models. Includes rectifier-regular, terminals (3), lead, connector block.



SPARK PLUGS

Part No.	Models
66 132 01-S	LH640-775, LV625-680, CS4-12.75 (Champion)
12 132 02-S	CH6, CH/CV11-15/460-492, CH/CV17-30/730-750, CH20-25 LP, TH520-575, TH520-575 LP, ECH/ECV630-749
25 132 12-S	CH/CV11-15/493 PRO, CH/CV18-30/730-750 PRO, ECH/ECV630-749 PRO
25 132 08-S	CH/CV11-15 LP
28 132 01-S	CH/CV17-25/730-740 R.F.I. with shielded metal boots
28 132 02-S	TH520-575 R.F.I.
25 132 14-S	SV470-620 R.F.I., SV710-840 R.F.I., LV625-680 R.F.I., LH640-755 R.F.I., CH/CV17-25/730-740 R.F.I. w/o metal boots
62 132 04-S	CH940-1000 R.F.I.
14 132 03-S	XT-7, SH265
14 132 06-S	XT-6 R.F.I.
14 132 07-S	XT-6

Ignition and Electrical



WIRING HARNESSSES

Part No.	No. Leads	Lead Length	Connector	Models	Item
54 755 02-S	*	34" longest	Numerous	CH/CV17-25/730-740	1
66 176 18-S	8**	36" longest	25 155 06 (Female), 48 155 01 (Male)	LH640-755	2
52 155 08-S	2	18" all	52 155 04 (Female)	Various	3
52 155 09-S	3	18" all	237088 (Female)	Various (shown)	3
25 155 07-S	5	18" all	25 155 06 (Female)	Various	3
25 155 09-S	5	18" all	25 155 06 (Female), 48 155 01 (Male)	Various	3
25 176 02-S	6***	75" longest	25 155 06 (Female), 48 155 01 (Male)	C11-16/460-493, C17-25/730-740 LH640-755, LV625-680	3
25 176 10-S	6***	75" longest	25 155 06 (Female), 48 155 01 (Male)	CH/CV940-1000	3
63 176 01-S	6****	5" longest	48 155 01 (Male)	CS8.5-12	4
24 755 155-S	*****	4" longest		All EFI	5
62 176 10-S	4	30" longest	Molex #33482-0401 (Male)	CH/CV940-1000	—
62 176 11-S	4	3-7/8"	Molex #33482-0401 (Male), 6 Pin Packard	CH/CV940-1000	—
20 176 05-S	3	3"	6 Pin AMP, 48 155 01 (Male)	SV470-620	6
24 176 160-S	5	24"	6 Pin AMP	ECH/ECV630-749	7
24 176 165-S	5	4.5"	6 Pin 25 155 06 (Female)	ECH/ECV630-749	8

* Includes universal harness, duplex lead harness, Oil Sentry™ lead, 20 amp B+ lead, 25 amp B+ lead with Connector 25 155 03-S, (2) Terminals 15 452 10-S, and instructions.

** Can be used as a general 36" extension to basic wire harness.

*** Includes equipment ground lead for between keyswitch and engine block.

**** Used to create remote-mount keyswitch (use Keyswitch 25 099 04-S). Also order Harness 25 176 02-S above.

***** Pigtail harness used to replace diagnostic plug. Includes protective cap, 24 139 06-S.



SEALED FUSE HARNESS/HOLDER

Part No.	Models
54 755 13-S	All

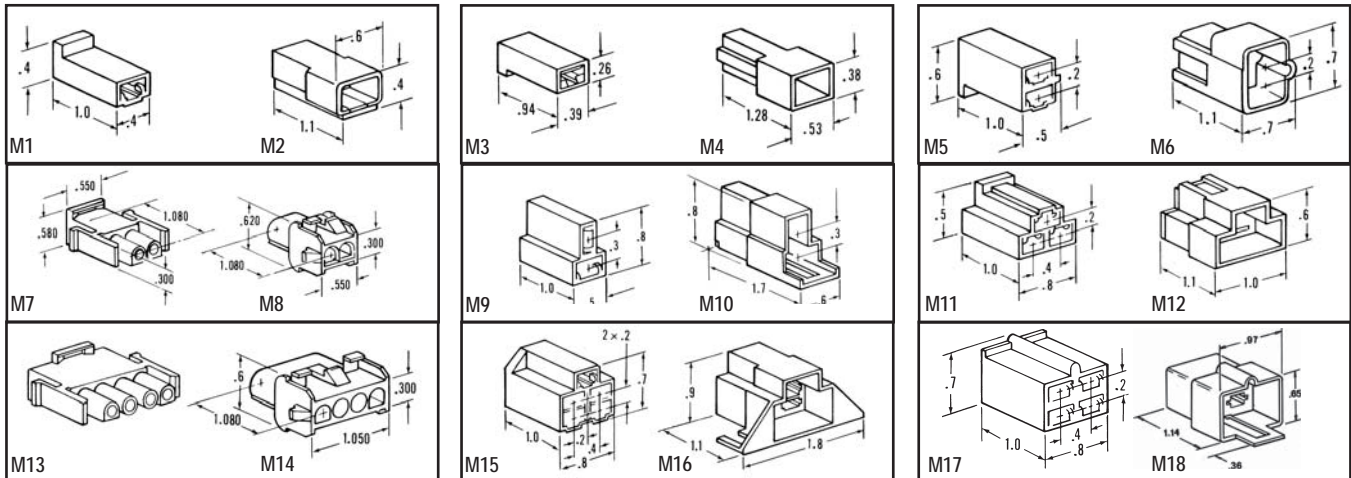
Converts standard harness/fuse holder to a sealed version to prevent moisture, dirt, etc., from penetrating. Ideal for pressure washers or applications in corrosive environment. Includes 30 amp fuse.



FUSES

Part No.	Description	Models
17 304 07-S	25 AMP Fuse	CH270-440
17 304 08-S	15 AMP Fuse	CH270-440

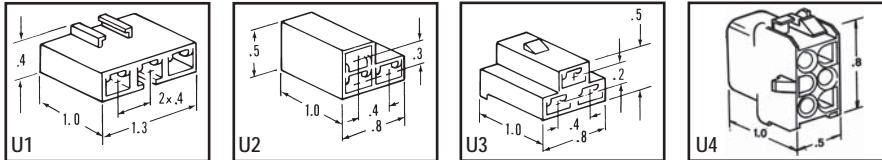
Ignition and Electrical



MATED (M) CONNECTORS

Description	Connector Item	Connector Part No.	Uses Female Terminal (See Below)	Connector Item	Connector Part No.	Uses Male Terminal (See Below)
1 Wire	M1	277563-S	Item 5, 6	M2	15 155 01-S	Item 4
1 Wire	M3	25 155 04-S	Item 5, 6	M4	25 155 03-S	—
2 Wire	M5	41 155 03-S	Item 5, 6	M6	52 155 04-S	Item 4
2 Wire	M7	47 155 14-S	—	M8	47 155 13-S	—
2 Wire	M9	48 155 02-S	Item 5, 6	M10	48 155 03-S	Item 4
3 Wire	M11	236473-S	Item 5, 6	M12	237088-S	Item 4
4 Wire	M13	12 155 03-S	—	M14	12 155 02-S	—
5 Wire	M15	48 155 01-S	Item 5, 6	M16*	25 155 06-S	Item 4
4 Wire	M17	41 155 02-S	Item 5, 6	M18	12 155 10-S	Item 4

*Mounting screw slots on M16 are 1.328" center to center.

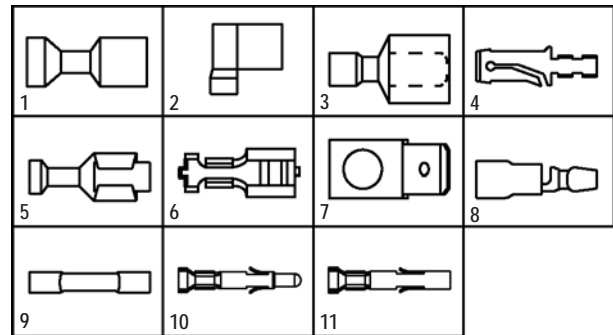


UNMATED (U) CONNECTORS

Description	Connector Part No.	Connector Item	Uses Terminal (See Below)
3 Wire	25 155 41-S	U1	Item 5, 6
3 Wire	237429-S	U2	Item 5, 6
3 Wire	52 155 06-S	U3	Item 5, 6
6 Wire	12 155 09-S	U4	Item 11

TERMINALS

Size	Part No.	Type	Code	Item
3/16" Flat	25 452 11-S	F.I.F.	S	1
3/16" Flat	25 452 12-S	F.I.F.	F	2
1/4" Flat	25 452 07-S	F.I.F.	S	1
1/4" Flat	15 452 01-S	F.I.M.	S	3
1/4" Flat	52 452 01-S	L.M.	S, U	4
1/4" Flat	25 452 01-S	L.F.	S, U	5
1/4" Flat	25 452 06-S	L.F.	S, U	6
1/4" Flat	12 452 02-S	M	45°, U	7
1/8" Round	25 452 17-S	F.I.M.	S	8
12-10 AWG	25 155 45-S	B	—	9
16-14 AWG	25 155 47-S	B	—	9
20-14 AWG	25 452 25-S	L.M.	S,U	10
20-14 AWG	25 452 26-S	L.F.	S,U	11



Type
 F.I.F. = Fully Insulated Female
 F.I.M. = Fully Insulated Male
 L.F. = Locking Female
 L.M. = Locking Male
 M = Male
 B = Butt Splice Connector (heat shrinkable)

Code
 S = Straight push on tab
 F = Flag push on tab
 U = Uninsulated

Guards, Screens, and Blower Housings

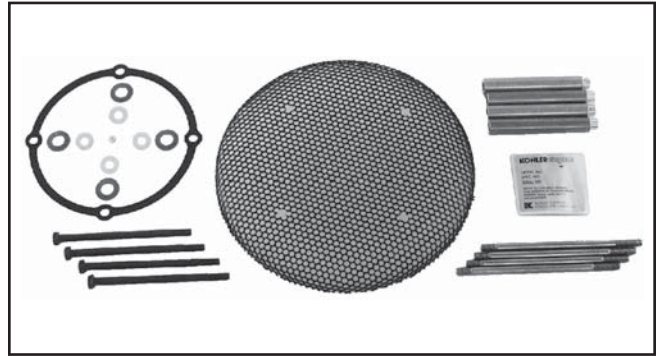
METAL CHOPPER GRASS SCREEN KITS

Kit No. 24 755 79-S Models CH/CV17-26/730-745, ECH/ECV630-749

Replaces plastic screen, or can replace "crowned" metal screen on engines below Serial No. 2528418567. A new blower housing is required if replacing a plastic screen.*

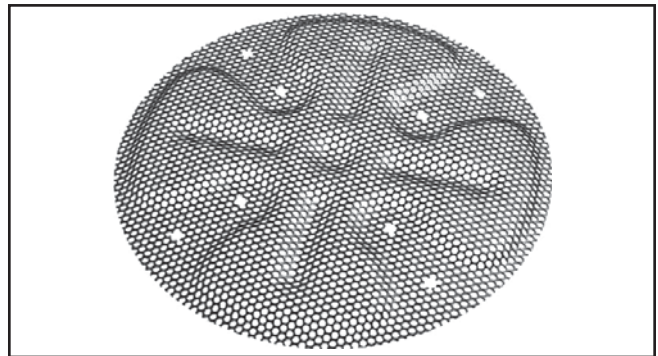
Note: When installing metal screen on an "open" application, guard kit 24 755 94-S is required.

*Due to blower housing variations, consult Kohler factory. Based on the spec number of your engine, the corresponding blower housing can be determined.



Kit No. 62 162 08-S Metal Grass Screen

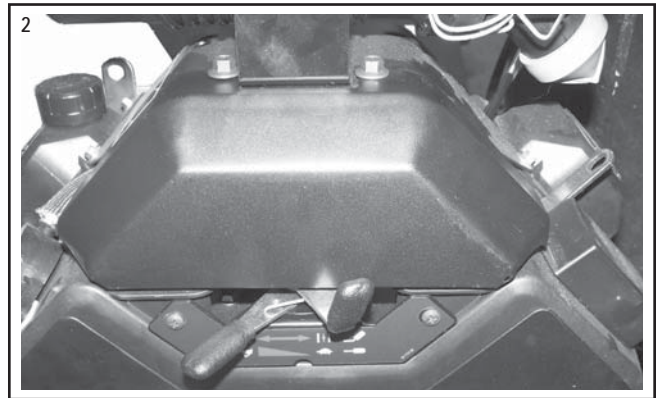
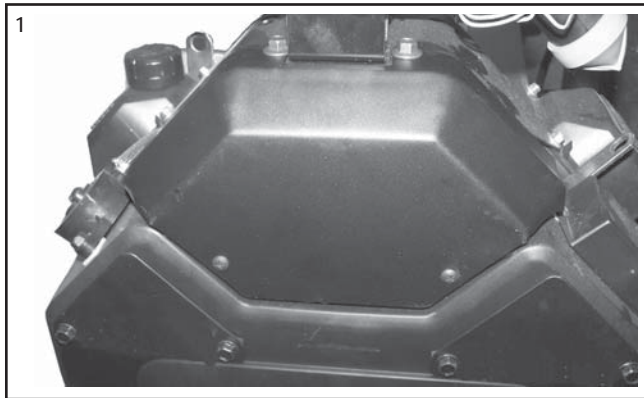
Models CH940-1000



MANIFOLD COVER KITS

Kit No.	Model	Item
24 096 110-S	CH750	1
24 096 111-S	CH750 (w/front mounted controls)	2

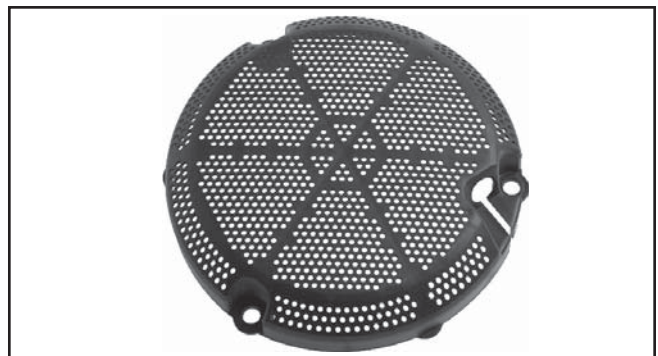
Covers hide exposed portion of intake manifold.



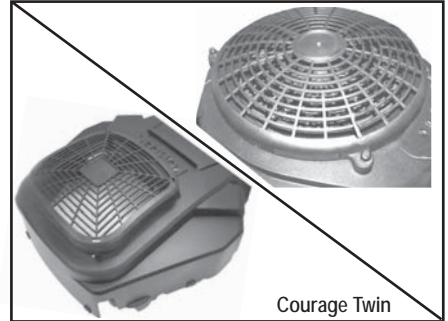
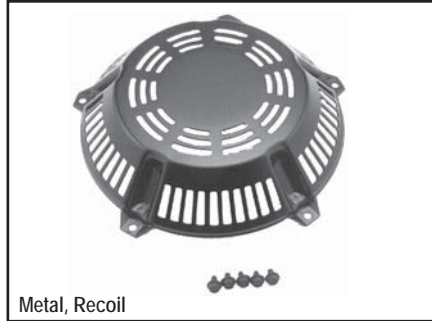
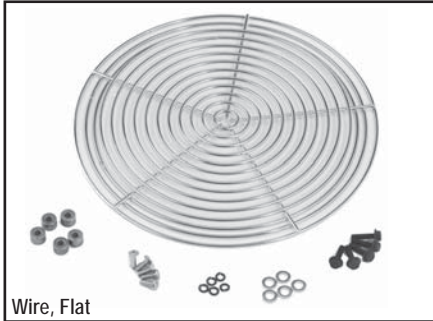
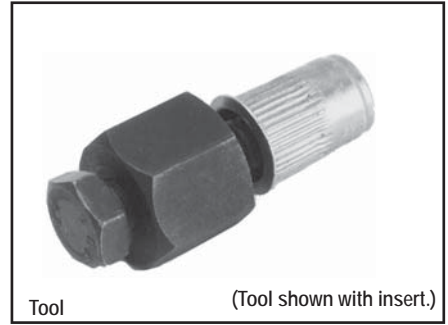
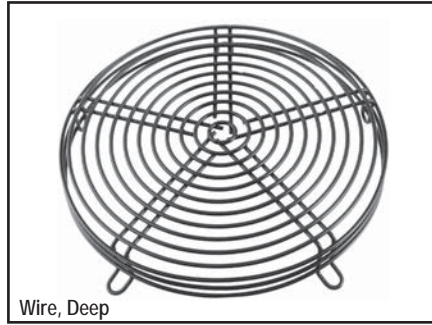
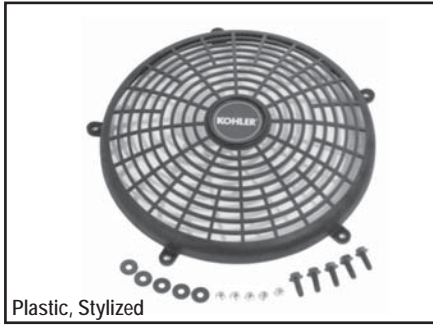
DEBRIS SCREEN

Kit No. 14 332 19-S Model XT

Note: Will only fit on fixed position recoil models.



Guards, Screens, and Blower Housings



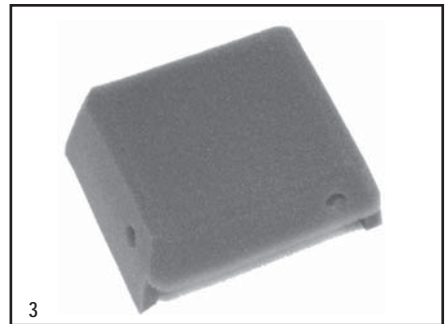
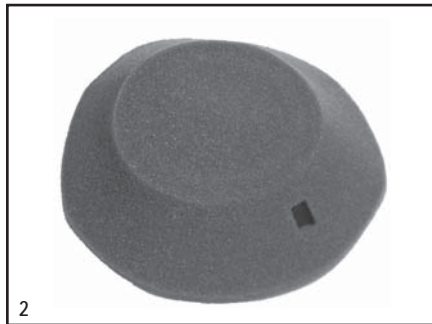
FIXED GUARDS (NOT USABLE WITH RECOIL STARTER)

Models	Plastic, Stylized	Wire, Deep	Tool	Wire, Flat	Metal, Recoil
CS8.5-12.75	—	—	—	63 755 17-S	—
CH/CV11-16/460-493	12 755 65-S (Shown)	—	—	12 755 44-S (Shown)	12 755 48-S
SV470-620	20 755 11-S, 20 755 14**	—	—	—	—
CH/CV17-26/730-750	24 755 81-S*	24 755 94-S*	24 455 01-S	—	—
SV710-740	32 027 08-S***	—	—	—	—

* Guard kits 24 755 81-S and 24 755 94-S include threaded inserts (24 332 01-S). Insert tool (24 455 01-S) is not included but needed to attach guard to existing blower housing. Tool is reusable. If engine has a metal grass screen, then only guard kit 24 755 94-S should be used. In addition, guard 24 755 94-S is required in open applications (mowers, etc.) to protect the metal screen from potential damage.

** Use 20 755 11-S if engine Serial No. is below 36145XXXXX, use 20 755 14-S if above.

*** For guard only, order 32 314 05-S.



RECOIL STARTER FILTERS

Help prevent dust, dirt and debris from entering around recoil starter.

Part No.	Notes	Models	Item
63 755 18-S	Includes handle hole, Velcro, maintenance label and instructions.	CS4-6	1
12 050 02-S*	Includes handle hole. Conforms to shape of recoil housing when using fasteners*.	CV11-16/460-493	2
15 050 01-S**	Includes handle hole.	CH6	3

* For first-time usage, also order (10) 12 290 01-S Velstuds for holding the filter in place. Velstuds are reusable; they interlock with slots in starter housing.

** Also order 63 290 01-S Velcro strip (4.75" long). Cut into pieces for attachment of filter to starter housing.

Guards, Screens, and Blower Housings

BLOWER HOUSING CLEAN OUT PANELS

Kit No.	Description	Models
25 755 20-S	Matte Black Panel (2)	CH/CV17-26/730-750 ECH/ECV630-749
25 755 21-S	Zinc Dichromate Panel (2) (Shown)	CH/CV17-26/730-750 ECH/ECV630-749

Allows for cleaning debris from behind blower housing and also servicing of ignition modules. Kit includes instructions/template for cutting holes in blower housing, plus panels (one with pop-out plug and label for keyswitch), mounting clips and screws. (Blower housing not included.)



BLOWER HOUSING PLUGS

Part No.	Description	Models
24 096 17-S*	Triangular Plug (1) (Shown)	CH/CV17-26/730-750, ECH/ECV630-749
24 096 119-S**	Triangular Plug With Lip (1)	CV17-26/730-750 ECV630-749

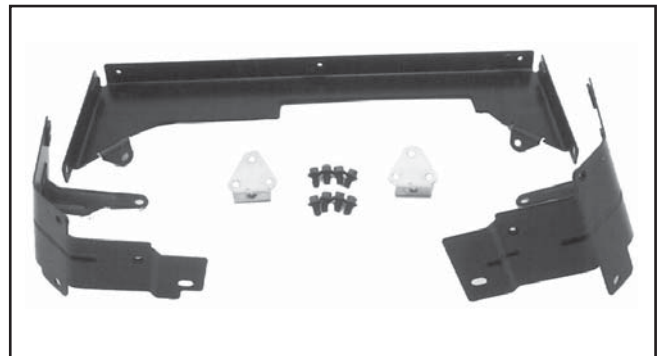
* Seals the triangular hole in the blower housing underneath the air cleaner. Two required for CH twins, one for CV twins.

** Similar to 24 096 17-S, but has an extended rubber lip. Seals the triangular hole (under the air cleaner) through which the breather hose is routed. One required.

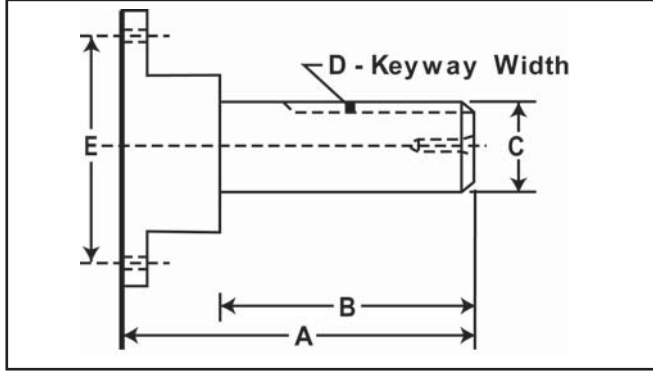


DUCTED AIR KIT

Kit No.	Description	Models
24 755 14-S	Ducted Air Kit	CH18-26/730-750



Front Drive Shafts



FRONT DRIVES (DIMENSIONS IN INCHES)

Part No.	A	B	C	D	E	Hardware Required	D & T	Models*
52 144 19-S	4.66	2.53	1.0	.25	3.0	See Below	3/8-16	CH11-15, LH640-775
235954-S	3.48	1.44	1.0	.25	3.0	See Below	3/8-16	CH11-15, LH640-775
237350-S	4.66	2.41	1.125	—	3.0	See Below	—	CH11-15, LH640-775
47 144 09-S	3.88	1.75	1.0	.25	3.0	See Below	7/16-20	CH11-15, LH640-775
52 144 07-S	3.80	1.80	1.0	.25WD	3.0	See Below	—	CH11-15, LH640-775
24 755 05-S	7.00	1.44	1.0	.25	3.0	See Below	3/8-16	CH18-26/730-750, LH640-775, ECH630-749
24 755 06-S	7.00	1.76	1.0	.25	3.0	See Below	7/16-20	CH18-26/730-750, LH640-775, ECH630-749
24 755 07-S	7.00	1.80	1.0	.25	3.0	See Below	—	CH18-26/730-750, LH640-775, ECH630-749
24 755 08-S	7.00	2.53	1.0	.25	3.0	See Below	3/8-16	CH18-26/730-750, LH640-775, ECH630-749
24 144 13-S	6.40	2.53	1.0	.25	3.0	See Below	3/8-16	CH18-26/730-750, LH640-775, ECH630-749
24 144 16-S	5.35	2.53	1.0	.25	3.0	See Below	—	CH18-26/730-750, LH640-775, ECH630-749
24 144 17-S	4.00	1.93	0.7**	.188WD	3.0	See Below	—	CH18-26/730-750, LH640-775, ECH630-749
24 144 22-S	6.20	2.60	1.125	.25	3.0	See Below	—	CH18-26/730-750, LH640-775, ECH630-749
24 144 23-S	4.84	2.82	1.0	.25	3.0	See Below	3/8-16	CH18-26/730-750, LH640-775, ECH630-749
24 144 25-S	5.51	2.17	1.0	.25	3.0	See Below	—	CH18-26/730-750, LH640-775, ECH630-749
24 144 32-S	8.23	3.79	1.0	.25	3.0	See Below	M12 x 1.75	CH18-26/730-750, LH640-775, ECH630-749
24 144 47-S	4.50	1.50	1.125	.25	3.0	See Below	7/16-20	CH18-26/730-750, LH640-775, ECH630-749
24 144 51-S	5.98	2.36	1.0	.25	3.0	See Below	7/16-20	CH18-26/730-750, LH640-775, ECH630-749
24 144 53-S	4.00	1.36	1.0	.25	3.0	See Below	3/8-16	CH18-26/730-750, LH640-775, ECH630-749
28 144 05-S	5.28	3.07	1.125	.25	3.0	See Below	—	CH18-26/730-750, LH640-775, ECH630-749
66 144 04-S	3.87	2.37	1.125	.25	3.0	See Below	—	CH18-26/730-750, LH640-775, ECH630-749
62 144 07-S	4.54	2.30	1.125	.25	3.0	See Below	7/16-20	CH940-1000
62 144 09-S	5.33	2.00	1.125	.25	3.0	See Below	7/16-20	CH940-1000
24 144 55-S	4.50	1.50	1.0	.25	3.0	See Below	3/8-16	CH18-26/730-750, ECH630-749

* Consult factory on: CH11-15 since flywheel holes may vary and spec may not accept front drive: LH640-775 to verify front loading.

** Threaded end (3/4"-16 UNF-2A).

WD = Woodruff Key

Required Hardware:

CH11-15: (2) X-22-2-S Washer, (2) M10x30mm-1.5 socket head screw purchased locally

CH18-26/730-750: (4) M-839025-S Screw (Included in -755 kits)

LH640-775: (4) M-839025-S Screw

CH940-1000: (4) M-839035-S Screw

SOME FRONT DRIVES REQUIRE:

LH640-775: Also order 66 096 18-S Flywheel Cover w/ hole for front drive or instruction sheet TT-5081 for a template to cut the hole in your existing flywheel cover.

All other models: Also order Grass Screen w/hole for front drive per table below. If changing from plastic screen to metal screen, also order blower housing. Contact customer service at factory for correct blower housing.

Grass Screen Part No.	Type	Hole Dia. (In.)	Hardware Required To Attach New Screen	Models
12 162 03-S	Plastic	2.56	None	CH11-15
24 755 171-S	Plastic	1.42	(4) M-639016-S Screw, (4) 12 112 01-S Spacer	CH18-22
24 162 34-S	Plastic, Hi-Eff.	1.77	None	CH18-26/730-750
24 162 38-S	Metal*, Flat	1.57	None*	CH18-26/730-750
24 162 39-S	Metal*, Flat	2.95	None*	CH18-26/730-750
24 162 40-S	Metal*, Flat	2.46	None*	CH18-26/730-750
62 162 09-S	Metal	1.81	None	CH940-1000

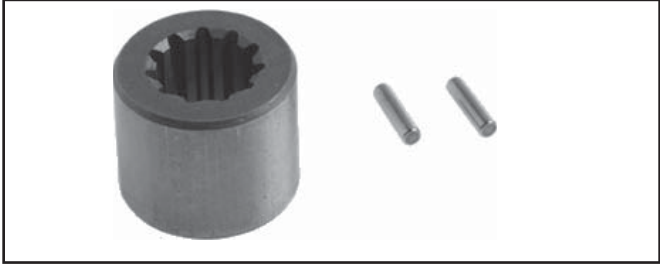
*Flat design. If replacing older "crowned" version, also order 54 755 10-S Hardware Kit.

Front Drive Shafts

CRANKSHAFT SPLINE INSERT KIT

Kit No.
82 755 02-S
25 755 27-S
48 755 21-S

Number of Teeth
9
11
13



CRANKSHAFT PTO KEY

Part No.
25 340 05-S
25 340 06-S

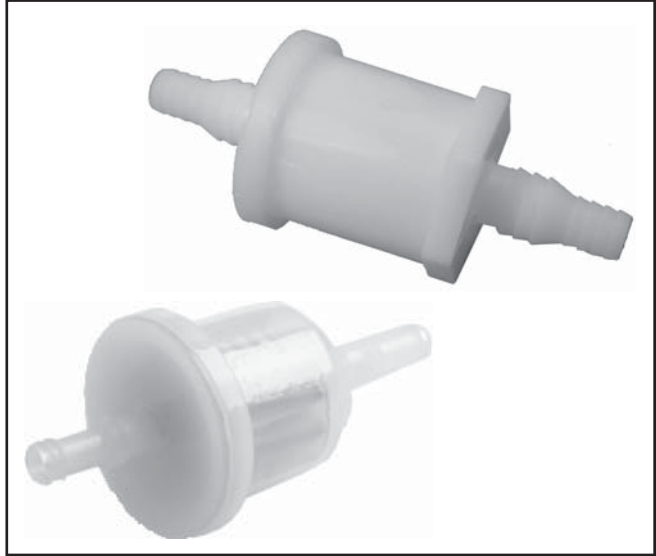
Description
Fits 3/16" keyway
Fits 1/4" keyway

Models
CS4, CS6, CH270, SH265
CH395, CH440, CS8.5, CS10, CS12

Fuel

FUEL FILTERS

Part No.	Inlet Hose		Shell Length	Models
	I.D.	Micron		
14 050 12-S	3/16, 1/4"	60	0.67"	Standard: XT-7
25 050 21-S	1/4"	75	2.13"	Standard: CH/CV11-15/493
24 050 13-S	9/32"	9-12	2.35"	Standard: CH/CV17-25/730-740,750, 940-1000, LV625-680, LH640-755, SV470-620, SV710-840
24 050 03-S	5/16"	8-10	5.51"	Standard: All EFI (metal, high pressure, extended life filter)
24 050 12-S	3/8"	80	5.51"	Standard: All EFI (plastic, low pressure, between fuel tank and fuel pump)
25 050 07-S	3/16, 1/4"	75	1.0"	Standard: CH/CV11-16/460-492 non-PRO (electric start)
25 050 22-S	1/4"	51	2.13"	Standard: CH/CV11-15/493 (fuel pump fed fuel)
25 050 42-S	5/16"	10	1.56"	Standard: ECH630-749/ECV630-749
14 050 14-S	1/4"	110	2.40"	Standard: XT, WH208 (in-nipple filter)
17 050 17-S	1/4"	60	1.60"	Standard: CH270-440



LOW PERMEATION FUEL LINE

Part No.	I.D.	Length	Model
25 111 72-S	1/4"	30"	All except EFI
25 111 39-S	1/4"	25' (bulk roll)	All except EFI
25 111 37-S	5/16"	5'	EFI Only
25 111 69-S	1/4"	11"	XT

ALCOHOL CONTENT TESTER

Part No. - Tests for E10/E20/E85
25 455 11-S



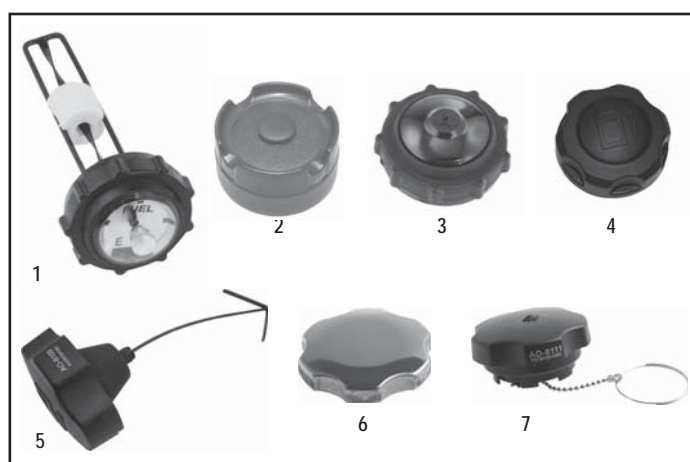
FUEL TANK KIT

Kit No.	Tank Mounting	Tank Material	Tank Capacity (Gal.)	Includes Cap	Models
12 760 01-S	Engine	Plastic	1.25	25 173 08-S	CH11-15



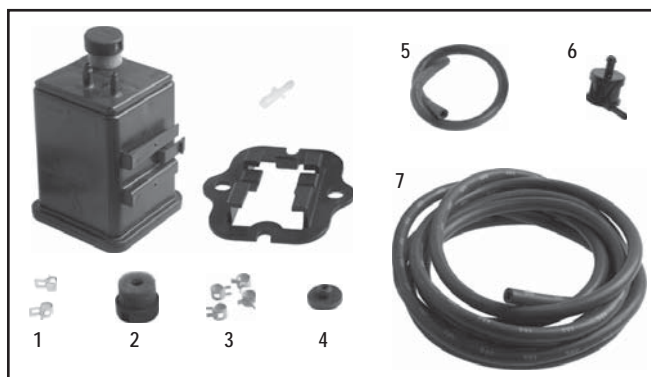
FUEL TANK CAPS

Item	Part No.	Gauge in Cap	Fits
1	25 173 04-S	Yes	Voided 52 755 45 remote metal tank
1	25 173 21-S	Yes	Voided 52 755 79 remote plastic tank
2	25 173 22-S	No	25 755 35 remote plastic tank
3	25 173 20-S	No	CH11-15
4	14 227 11-S	No	XT-7
5	14 227 16-S	No	XT-6/7
6	17 173 25-S	No	CH270-440, SH265
7	17 173 19-S	No	CH270-440, SH265 (evaporative emission version)



CARBON CANISTER KIT

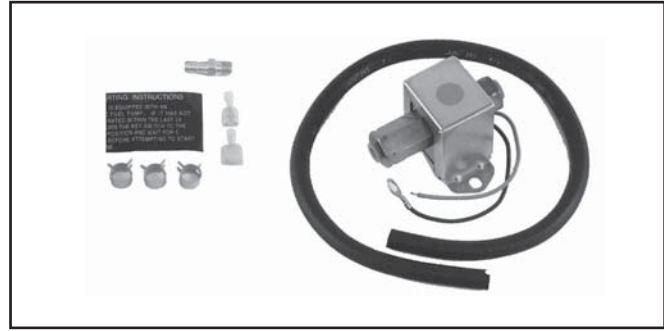
Kit No.	Description	Quantity	Item
25 755 38-S	Carbon Canister Kit	1	—
14 237 05-S	Hose Clamp	2	1
25 050 39-S	Carbon Canister Filter	1	2
25 237 24-S	Hose Clamp	4	3
25 313 04-S	Roll-over Valve Grommet	1	4
25 326 08-S	SAI Control Hose	1	5
25 462 17-S	Roll-over Valve	1	6
25 326 23-S	Evaporative Hose	1	7



Fuel

ELECTRIC FUEL PUMP

Kit No.	Models	P.S.I. at 0 Delivery	Self-Prime Lift	Total Column
25 559 01-S	All except CH6, CS, & EFI	0.5-2.0	12"	6'



EFI ELECTRIC FUEL PUMP - HIGH PRESSURE

Part No	Models	P.S.I	G.P.H.	AMPS Max
24 393 52-S	All EFI	50	15.0	5.0



PULSE FUEL PUMP

Part No.	Models	Item
24 393 16-S	CH/CV17-25/730-740, LV625-675, ECH/ECV630-749, SV470-840	1



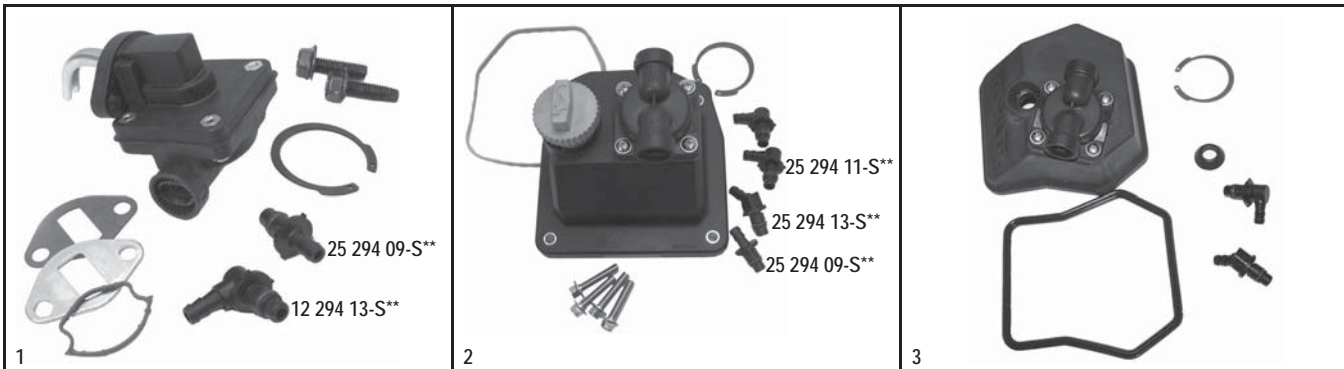
MECHANICAL FUEL PUMPS

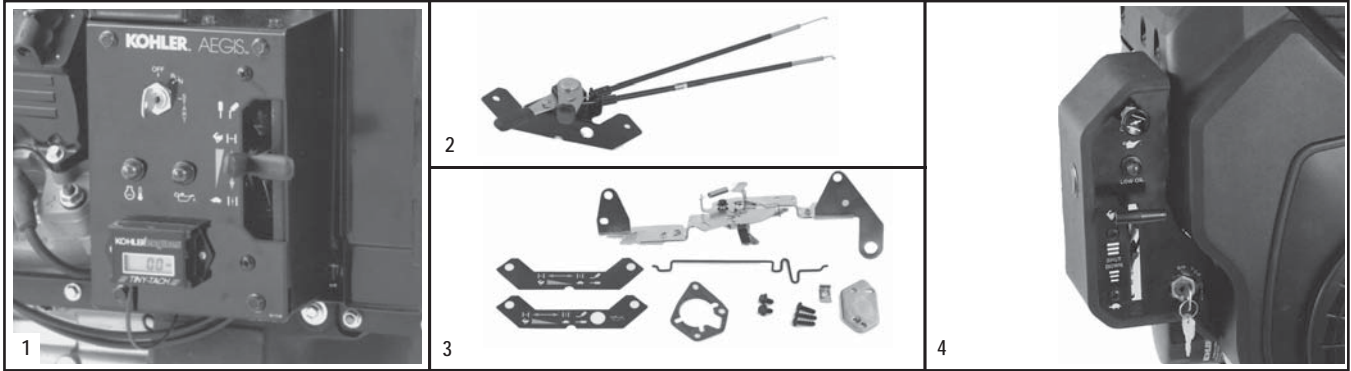
Part No. (Non-Metallic)	Models	Item
12 559 02-S	CH/CV11-16/460-493	1
24 559 10-S*	CH18-25/730-740	2
62 559 01-S***	CH940-1000	3

* Integral valve cover. For #2 cylinder side (oil filter side) only. For engines below Serial No. 2520800017, also order Valve Train Kit 24 755 66-S to convert to compatible rocker arms.

** Fittings include O-ring 25 153 03-S.

*** Integral valve cover. For #2 cylinder side (oil filter side) only.





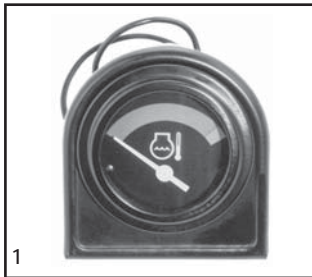
ENGINE-MOUNTED CONTROL PANELS

Kit No.	Mounting Location	Major Components	Models	Item
66 755 09-S*	Filter Side (only)	Panel, keyswitch, choke, throttle, low oil light, harness	LH640-755	1
24 225 02-S**	Front Side	Bracket, levers, cable assembly	CH18-26/730-745	2
24 755 106-S**	Front Side	Panel, choke, throttle (includes item 2)	CH18-26/730-745	3
24 711 01-S***	Filter Side	Panel, keyswitch, choke, throttle, low oil light, harness	CH18-26/730-740	4
62 376 02-S	Front Side	Panel, keyswitch, indicator light, choke/throttle brackets	CH940-1000	—

* Shown with optional additional items: Coolant Temp Gauge and Coolant Temp Light (only one may be used), and Tiny Tach/Hourmeter.

** For installation of lever-type throttle/choke which became standard since Serial No. 3009400011. Also order Air Cleaner Cover 24 096 26-S if adding controls to non-panel engine spec.

*** Will not work with radiator-style oil cooler or on same side as side-mounted muffler.



COOLANT ITEMS

Kit No.	Description	Models	Item
66 755 11-S**	Gauge, Coolant Temperature	LH640-775	1
66 755 12-S***	Light, Coolant Temperature	LH640-775	2

* Includes gauge, temp. sensor, wiring (up to 6' from engine).

** Includes gauge & holder for mounting atop control panel shown above, temp. sensor, harness.

*** Includes light/wiring, temp. switch.

Note: Coolant gauges show green band for safe temp., red band for hot.



LUBRICATION ITEMS

Kit No.	Description	Models
25 352 10-S**	Light, Oil Warning	CH18-26/730-745
25 352 12-S**	Light, Oil Warning	LH640-775
12 704 02-S***	Light, Oil Warning	CH/CV11-16/460-493

* Includes gauge & holder for mounting atop control panel shown above, switch, wiring.

** Includes light, 6.5" & 9" leads, fits in control panels shown above.

*** Includes light, 6" lead, switch, wiring.



THERMOSTAT

Gasket included.

Kit No.	Description	Models	Item
66 453 02-S	190°F Thermostat	LV625-680, LH640-775	1
66 453 03-S	205°F Thermostat	LV625-680, LH640-775	1

HORN ALERT KIT

Includes alarm, coolant temp. switch, harness. Already std. on LV.

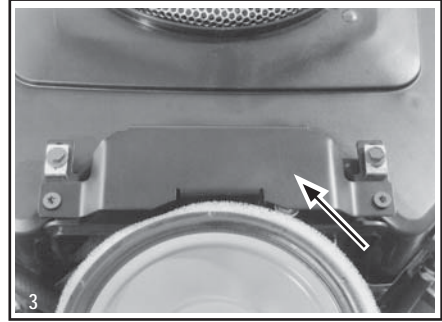
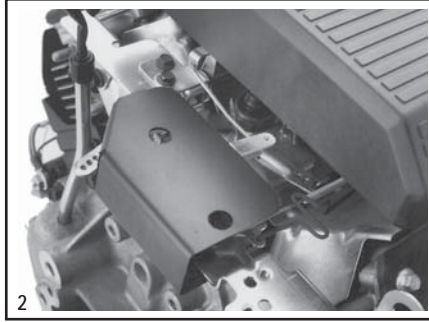
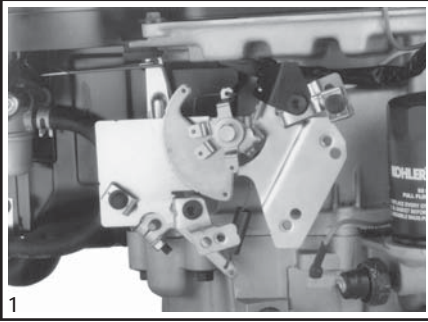
Kit No.	Description	Models	Item
66 755 05-S	Horn Alert Kit*	LV625-680, LH640-775	2
66 556 01-S	Horn (only)*	All w/electric start	2

* Provides audible alarm in conjunction with or in place of light or gauge.

CAUTION (ALL WARNING DEVICES ON THIS PAGE):

1. If overheating occurs, remove load, run engine at high speed to create air flow for cooling engine.
2. If low oil level/pressure occurs, stop engine immediately.

Controls



TAMPER-RESISTANT CONTROL KITS

Prevents tampering with high-speed adjustment (as proposed by European regulations).

Kit No.	For Models	When Models Are Equipped With	Note	Item
None	CH/CV11-16/460-493	Standard Controls	A	—
12 755 71-S	CV11-16/460-493	Dual Controls	B	1
24 755 93-S	CH/CV18-26/730-745, LH640-775	Standard Controls	C	2
24 755 97-S	CV18-26/730-745	Top Controls	C	3

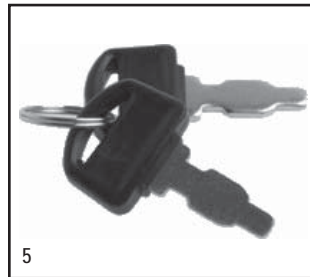
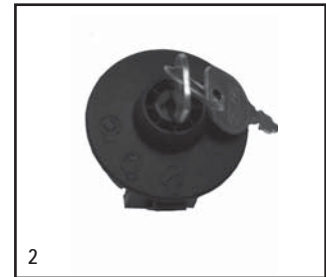
A — Engines with Serial No. 2527814194 and higher are tamper-resistant upon leaving the factory. To retrofit older engines, order (2) M-664020-S TORX screws to replace the hex head screws on the control bracket.

B — Includes cover and (2) TORX screws for attachment to control bracket.

C — Includes cover and (2) TORX screws for attachment to control bracket. Instructions are included to add holes to the bracket if there are none.

KEY SWITCH & KEYS

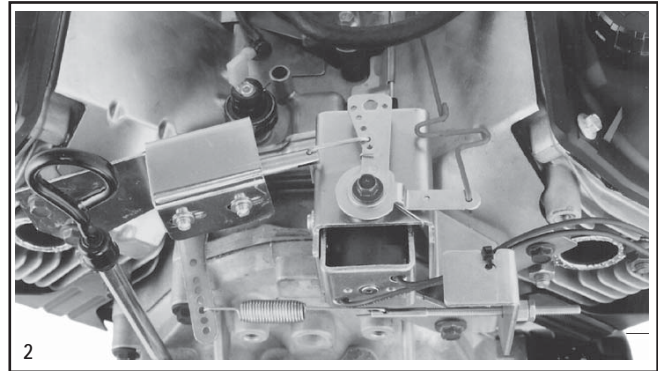
Part No.	Description Models	Item
25 099 32-S	Switch (5 pin) & Key Magneto	1
25 099 29-S	Switch (5 pin) & Key CH940-1000	1
52 099 02-S	Switch (3 pin) & Key EFI	1
25 099 30-S	Switch (5 pin) & Key CH640-750, CV17-26, CV624-750	2
17 099 07-S	Switch (4 pin) & Key CH270-440	3
17 340 11-S	CH270-440 Keys	5
18 340 02-S	WH208 Key	6
48 340 01-S	Keys (fits items 1 & 2)	4



KEY SWITCH PLUGS

Part No.	Description	Item
25 139 16-S	Round plastic plug (fits 25 139 76-S plug)	1
25 139 17-S	Round plastic plug (fits 1/2" key switch hole)	2
25 139 76-S	Plastic key switch plug	3

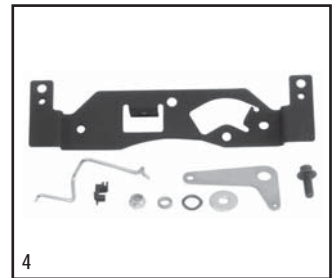
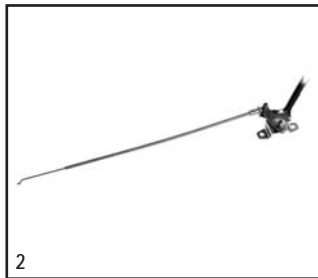




SOLENOID-OPERATED CONTROLS (12 DC VOLTS)

Kit No.	Description	For Engines With	Models	Item
24 755 100-S	Idle Kit*	Constant Speed	CH18-25/730-740, LH640-755***	1
24 755 101-S	Throttle/Choke Kit**	Constant Speed	CH18-25/730-740, LH640-755***	2

* When voltage is applied to solenoid, engine speed is "low idle." When voltage is removed, engine speed is "high idle."
 ** Allows start-up to constant high speed from remote equipment (lift platform, etc.).
 *** Mounting bracket will interfere with manifolds on CH18-25/730-740 side mufflers. Also 24 164 04-S crossover manifold.



THROTTLE CONTROL

Part No.	Description/Mount Type	Cable Length	Models	Item
63 089 23-S	Throttle Return Spring*	—	CS4-12	1
225011-2-S	Remote	41-51"	All	2
225011-6-S	Remote	60-72"	All	2
225011-7-S	Remote	12-40"	All	2
230326-1-S	Remote	15"	All	2
235160-S	Remote	5.625"	All	3

*For recreational vehicle applications. Returns engine speed to idle when foot pedal is released.

CHOKE CONTROL

Part No.	Description/Mount Type	Models	Item
24 755 95-S	Choke Control Kit (Adds choke control lever to top controls.)	CV17-25/730-740 Com. Mowers	4

REMOTE THROTTLE KITS

Part No.	Description	Model	Item
17 755 04-S	Remote Throttle Kit	CH270	1
17 755 05-S	Remote Throttle Kit	CH395/440	2



CABLE CLAMP

Part No.	Description	Models	Item
17 237 13-S	Cable Clamp (Clamps braided throttle cable)	CH270-440	3

REMOTE CHOKE KITS

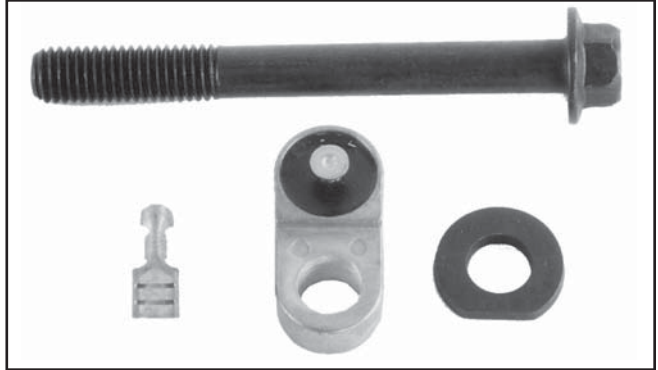
Part No.	Description/Mount Type	Models	Item
17 755 16-S	Remote Choke Kit (Fits Quad-Clean models)	CH395/440	—
17 755 17-S	Remote Choke Kit (Fits Low-Profile air cleaner models)	CH395/440	4



Electrical Accessories

HIGH TEMPERATURE CUTOUT SWITCHES

Kit No.	Cutout Range	Reset	Models
12 703 01-S	346-360°F	310°F	CH/CV11-16/460-493 SV470-620



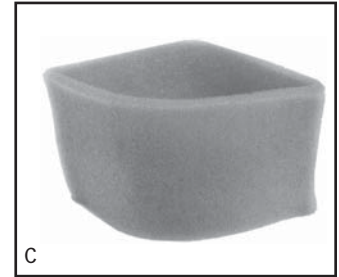
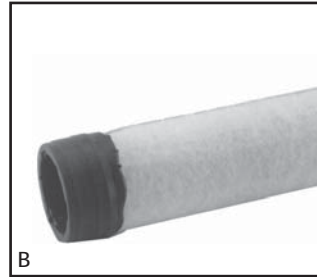
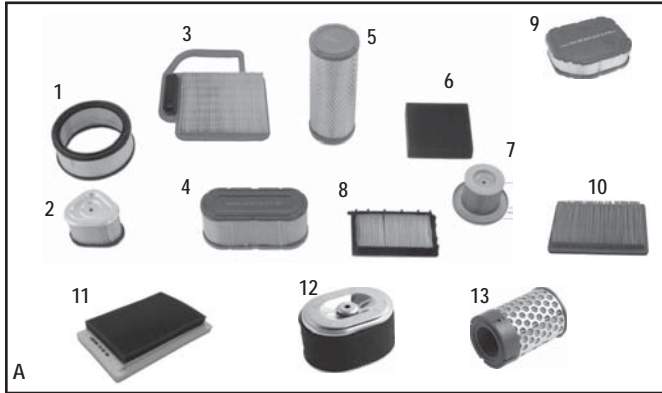
Kit No.	Cutout Range	Reset	Models
24 703 01-S	440-490°F	415°F	CH/CV17-26/ 730-745 SV710-740



MALFUNCTION INDICATOR LAMP (MIL)

Part No.	Models With
25 352 19-S	Electronic Fuel Injection (EFI)





ELEMENTS & PRECLEANERS

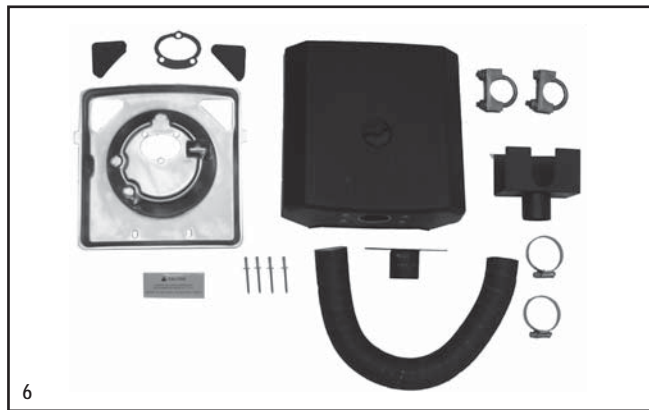
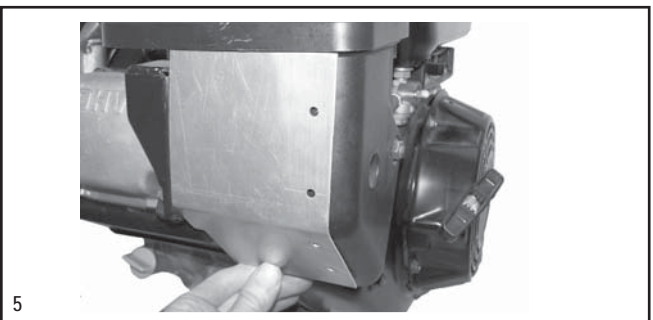
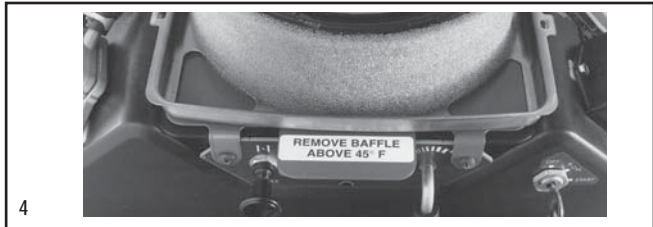
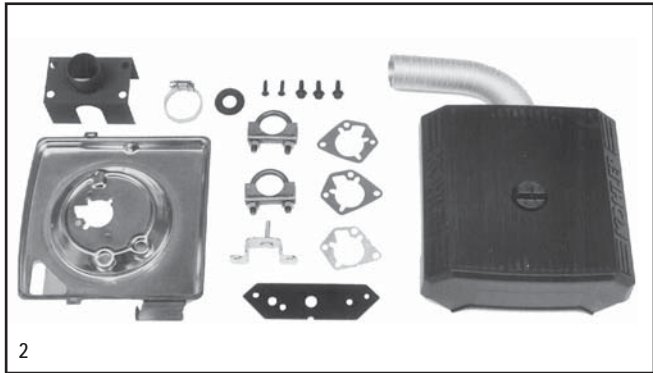
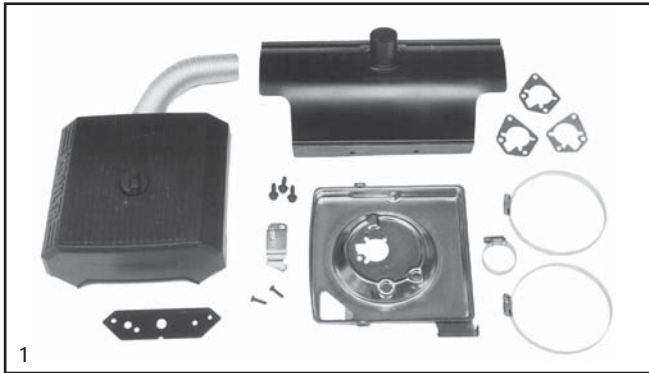
Note: Elements and precleaners may appear differently for various models.

Style	Element (Photo A)	U.L. Element Equivalent	Inner Element (Photo B)	Precleaner (Photo C)	Models
1	45 083 02-S	52 083 04-S	—	45 083 01-S	CV17-26/730-745 (Commercial mowing)
1	47 083 01-S	47 083 04-S	—	52 083 01-S	CH11-15
4	63 083 03-S	—	—	63 083 04-S	CS4-6 (Standard, dual element)
4	63 083 11-S	—	—	63 083 12-S	CS8.5/250cc (Standard, dual element)
4	63 083 01-S	—	—	63 083 02-S	CS8.5/300cc, 10-12 (Standard, dual element)
6	63 083 06-S	—	—	—	CS4-6 (Foam, single element)
6	63 083 05-S	—	—	—	CS8.5/300cc, 10-12 (Foam, single element)
7	63 083 07-S	—	—	63 083 08-S	CS4-6 (Heavy-duty cyclonic)
7	63 083 10-S	—	—	63 083 09-S	CS8.5/250-300cc, 10-12 (Heavy-duty cyclonic)
8	63 083 13-S	—	—	63 083 14-S	CS8.5/250cc (Low profile, dual element)
4	63 083 15-S	—	—	63 083 16-S	CS10(931600), CS12 (941600)
3	20 083 02-S	—	—	20 083 04-S	SV470-620
2	12 083 05-S*	12 083 09-S*	—	12 083 08-S	CV11-16/460-493 (Standard, 2.8" High)
2	12 083 10-S*	12 083 13-S*	—	12 083 12-S	CV11-16/460-493 (Tall, 3.4" High)
1	47 083 03-S	24 083 08-S	—	24 083 02-S	CH/CV17-23 (Flat)
1	24 083 03-S	24 083 09-S	—	24 083 05-S	CH/CV25-26/730-745, ECH/ECV630-749 (Flat)
5	24 083 07-S	—	—	—	CH/CV17-22 Metal H.D. A/C
5	25 083 01-S	—	25 083 04-S	—	CH/CV17-26/620-745/LH640-775 Plastic H.D. A/C
					ECH/ECV630-749
5	25 083 02-S	—	25 083 03-S	—	CV493
9	32 083 03-S	—	—	32 083 05-S	SV710-740 (Standard, 1.73" High)
9	32 083 06-S	—	—	32 083 08-S	SV810-840 (Large, 3" High)
4	66 083 01-S	—	—	66 083 03-S	LV625-680
10	14 083 01-S	—	—	14 083 02-S	XT-7
11	14 083 09-S	—	—	—	XT-7
13	17 083 07-S	—	—	17 083 12-S	CH270
13	17 083 03-S	—	—	17 083 15-S	CH395/440
12	18 083 04-S	—	—	18 083 05-S	SH265
9	62 083 04-S	—	—	62 083 03-S	CH940-1000 (with Low-Profile air cleaner)

Notes: *Includes element and rubber seal.

ALSO SEE PAGE 16 FOR RECOIL STARTER FILTERS.

Air Intake



ANTI-ICING COMPONENTS

If the included instructions are followed, these kits/parts may be used without jeopardizing CARB/EPA certification on the engine.

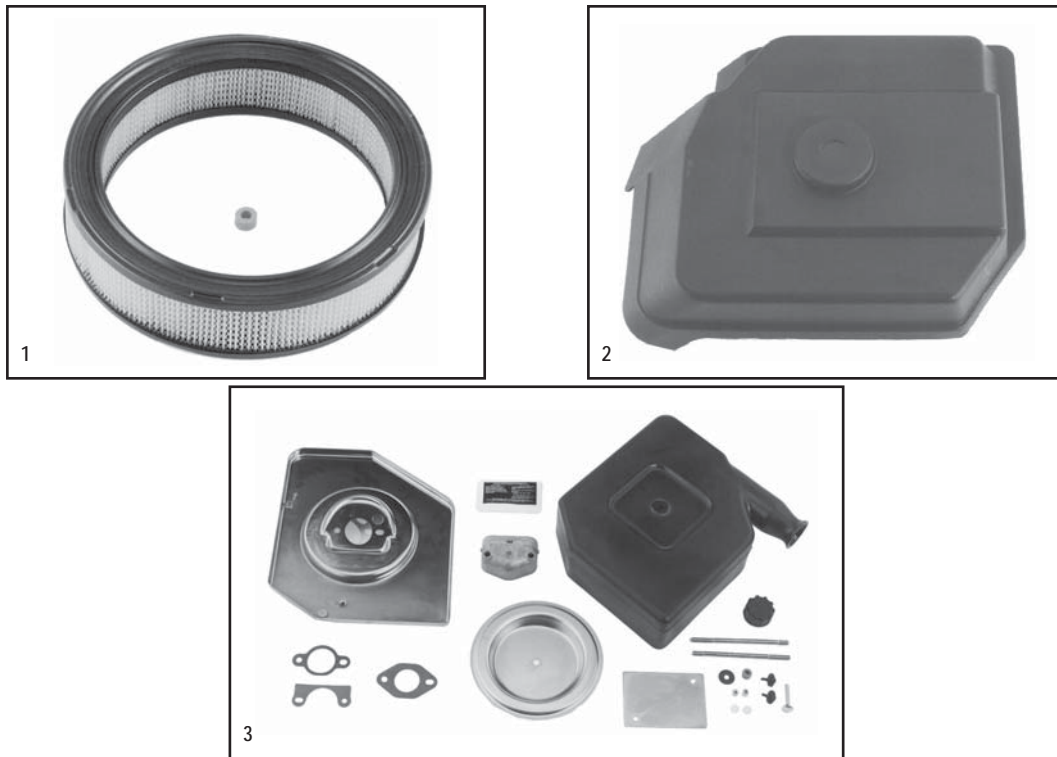
Kit No.	Models	As Low As	Notes	Heat From	Item
24 755 64-S	CH18-22	20°F	For PTO mufflers	Muffler	1 (shown)
24 755 65-S	CH25-26/730-745	20°F	For PTO mufflers	Muffler	1
24 755 68-S*	CH18-22	20°F	For side mufflers	Manifold	2 (shown)
24 755 69-S*	CH25-26/730-745	20°F	For side mufflers	Manifold	2
24 755 82-S	CH18-26/730-745	-20°F	Includes starter side muffler***	Muffler	3
24 755 83-S*	CH18-22	-20°F	Includes filter side muffler***	Muffler	3 (shown)
54 755 06-S**	CH/CV17-26/730-745, ECH630-749	—	Not for comm'l. mowers	—	4
63 755 39-S	CS8.5-12	20°F	—	—	5
12 168 02-S	CH18-26/730-745	—	Foam insulation only	—	—
24 168 01-S	LH640-775	—	Breather hose insulation	—	—
24 755 165-S	CH750 w/Flat Air Cleaners	—	For side mufflers	Manifold	6
12 326 28-S****	CH11-15	—	Insulated breather hose	—	7

* Not for use on filter side of engine if equipped with oil cooler.

** Increases carb temperature approx. 13°F. Covers triangular holes (2) in blower housing. Remove above 45°F.

*** Tubes travel through mufflers to bring warm air to air cleaner.

**** Replaces existing breather hose to prevent icing, or order insulation only and install over existing hose.



PLENUM DOME COVER KIT

Kit No.	Snorkel O.D.	Hose Clamp Surface	Models	Item
12 743 10-S	1.75"	0.625"	CH11-15	2
Note: May attach to customer-supplied remote-mount air cleaner or precleaner and hose. Requires Kohler review for CARB/EPA approval or if TT sheet guidelines for connections cannot be met.				

SEAL RETROFIT KIT

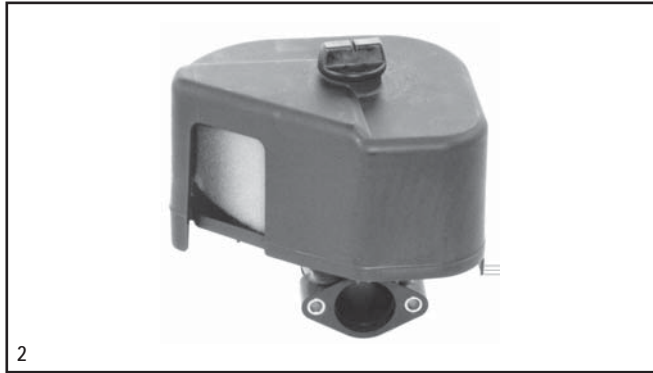
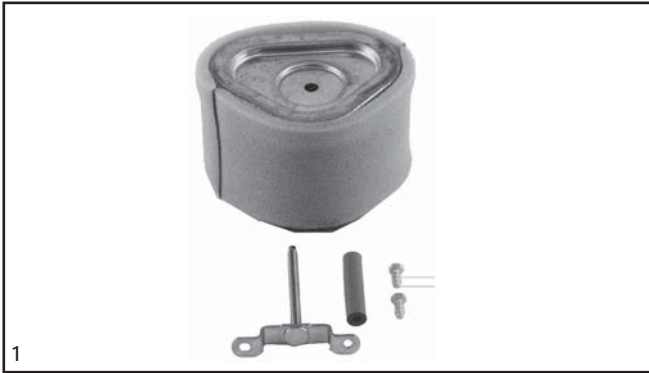
Kit No.	Description	Models	Item
12 743 09-S	Seal Retrofit Kit	CH11-15	3
For engines before Serial No. 2519500004. Seal replaces loose washer and grommet in cover plate. Kit includes seal and element.			

AIR CLEANER COVER

Part No.	Description	Models	Item
12 096 41-S	Air Cleaner Cover (w/multilingual maintenance instructions)	CH11-15	4

Standard air cleaner cover, including multilingual maintenance instructions embossed underneath. Now available individually for engines built earlier.

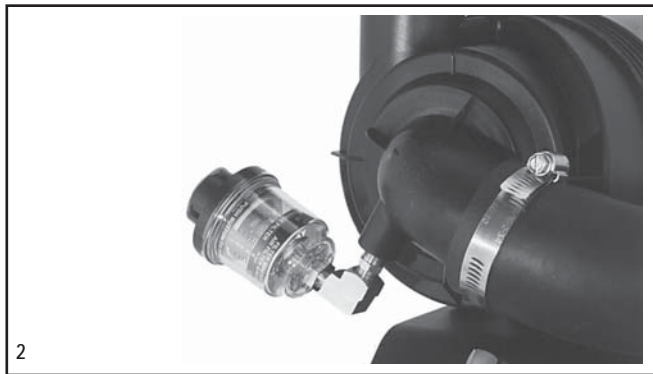
Air Intake



AIR CLEANER RETROFIT KITS

Kit No.	Description
12 743 03-S	Converts standard filter to a larger filter
12 743 04-S	Cover has opening to line up with opening in blower housing
A — Pro Series "T/ST" after Serial No. 2404917244, Pro Series "S" after Serial No. 2424505854.	
B — Basic "S", lawn tractors.	
*Large capacity filter is 20% greater than standard filter.	

Includes	For	Item
Filter	Spec.	
Large*	A	1
Large*	B	2

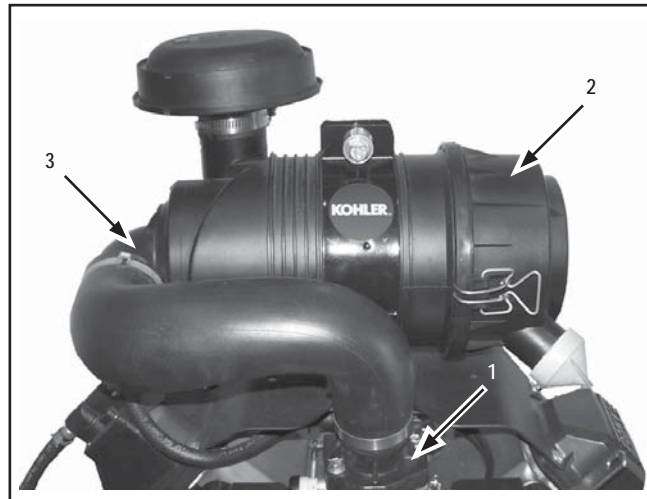


FILTER MINDER

Vacuum-type gauge detects air inlet restrictions, signaling when to service air filter (when yellow indicator reaches red line).

Kit No.	Mounting	Air Drawn From	Models	Item
25 755 18-S	Remote	Air cleaner base plate or heavy-duty air cleaner elbow	CH/CV11-16/460-493, CH/CV17-26/730-745	1
25 755 24-S	Direct*	Heavy-duty air cleaner elbow	CH18-26/730-750, CV493	2
62 330 02-S	Direct	Heavy-duty air cleaner	CH/CV940-1000	-

* Includes brass fittings, instructions.



HEAVY-DUTY AIR CLEANER KITS (Convert from Flat Air Cleaner)

Complete, engine-mounted system (items 1 and 2 used together) is CARB/EPA certified. Any remote-mounting configuration (item 1 plus remote-mounted air cleaner), must be Kohler approved for CARB/EPA. Filtering area is 1,398 sq. in. Not usable on engines with plastic intake manifold.

Kit No.	Description	Includes	Use With	Models	Item
24 743 20-S	Elbow/Adapter Kit*	A	AA	CH18-22 (624cc)/620/730-740	1
24 743 25-S	Elbow/Adapter Kit	A	AA	CH22/23 (674cc)/680	1
24 743 21-S	Elbow/Adapter Kit	A	AA	CH25	1
24 743 34-S	Elbow/Adapter Kit	A	AA CH26/745	EFI	1
24 743 22-S	Air Cleaner Kit (90° canister elbow)**	B	BB	All	2
24 743 23-S	Air Cleaner Kit (Straight canister elbow)***	C	BB	All	2
25 755 24-S	Filter Minder Kit (Elbow mounted)****	D	AA	All	3
25 755 18-S	Filter Minder Kit (Remote mounted)*****	E	AA	All	—

* For CH730/740, carburetor replacement is necessary. Order assembly 24 853 93-S.

** Typically used for engine-mounted configuration (as shown). If remote-mounted, customer supplies hose (must be Kohler approved for CARB/EPA).

*** Used with customer-supplied hose for remote-mount location. (Must be Kohler approved for CARB/EPA).

**** Attaches to air canister elbow (per item 3). (See earlier page for description.)

***** Attaches to any remote location (front of engine, application, etc.). (See earlier page for description.)

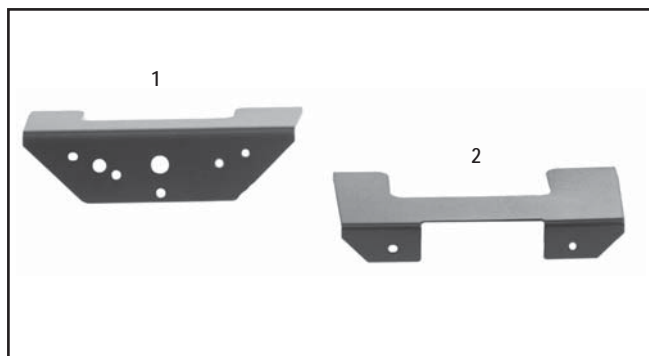
Kits include instructions plus:

- A - Elbow/adapter, mounting bracket, 2" I.D. hose, hardware, debris shields for either knob-type or lever-type controls (see below).
- B - Air cleaner canister, rain hood (25 324 04-S), main and inner filters, plug (25 139 20-S) to close Filter Minder opening if not used.
- C - Air cleaner canister, rain hood (25 324 04-S), main and inner filters, cap (25 173 19-S) to close Filter Minder opening if not used.
- D - Filter Minder, brass fittings.
- E - Filter Minder, brass fittings, 10' hose, mounting bracket.

Use with:

AA - Air Cleaner Kit 24 743 22-S . . . or customer-supplied air cleaner, which must be Kohler approved for CARB/EPA.

BB - Elbow/Adapter Kit 24 743 20-S, 25-S, 21-S or 34-S.



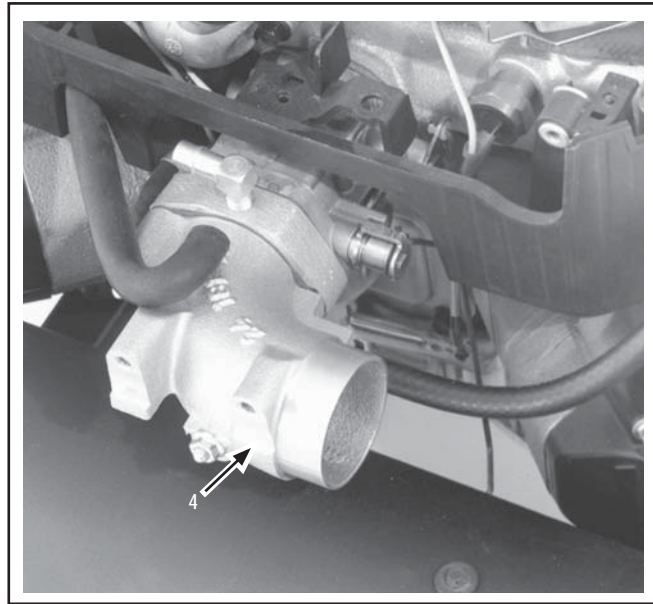
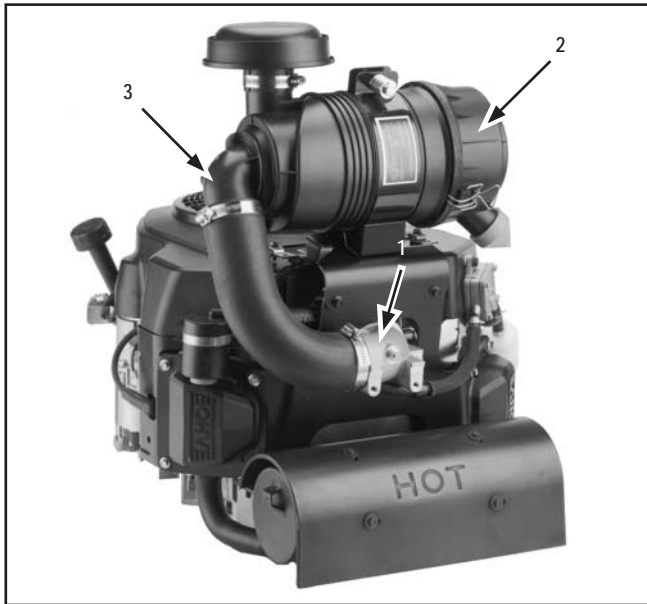
DEBRIS SHIELDS

Both shields are included in Heavy-Duty Air Cleaner Kits above (carb/elbow) to prevent debris from interfering with throttle/choke controls. (Only one shield needed depending upon engine spec.)

Part No.	Used With	Models	Item
24 314 25-S	Knob-type controls, no controls, remote air cleaner (shown above)	CH18-26/730-745	1
24 314 29-S	Lever-type controls*	CH18-26/730-745	2

*Lever-type controls have been standard on CH18-25 panel specs since Serial No. 3009400011.

Air Intake



HEAVY-DUTY AIR CLEANER KITS (Convert from Flat or Commercial Mower Air Cleaner)

Complete, engine-mounted systems are CARB/EPA certified. Remote systems using either KOHLER or customer-supplied air cleaner and hose, must be Kohler approved for CARB/EPA. Filtering area is 1,398 sq. in. Not usable on Command engines with plastic intake manifold.

Kit No.	Description	Includes	Use With	Models	Item
24 743 40-S	Elbow/Adapter Kit	A	AA	Command CV18-22 (624cc)/620-640	1
24 743 41-S	Elbow/Adapter Kit	A	AA	Command CV22/23 (674cc)/680	1
24 743 42-S	Elbow/Adapter Kit	A	AA	Command CV25/730-740	1
24 743 39-S	Complete Kit	B	-	Command CV26/745 EFI	1,2
24 743 22-S	Air Cleaner Kit (90° canister elbow)*	C	BB	Command or Aegis*****	2
24 743 23-S	Air Cleaner Kit (straight canister elbow)**	D	BB	Command or Aegis*****	2
66 743 01-S	Elbow/Adapter Kit (remote only)	E	CC	Aegis LV625-675	4
25 755 24-S	Filter Minder Kit (Elbow-mounted***)	F	AA	All	3
25 755 18-S	Filter Minder Kit (Remote-mounted****)	G	AA	All	-

* Typically used for engine-mounted configuration (as shown). Not compatible with vertical positioned mufflers as shown in EXHAUST section.

** Used with customer-supplied hose for remote-mount location. (Must be Kohler-approved for CARB/EPA).

*** Attaches to outlet in canister. (See appearance and description of Filter Minder on earlier page.)

**** Attaches to any remote location. (See appearance and description of Filter Minder on earlier page.)

***** Usable on Aegis but only in remote-mount configuration, not engine-mounted.

Kits include instructions plus:

A - Carburetor, elbow/adapter, mounting brackets, 2" I.D. hose, hardware.

B - Elbow/adapter, mounting brackets, 2" I.D. hose, hardware, plus C.

C - Air cleaner canister(†), rain hood (25 324 04-S), main and inner filters, plug (25 139 20-S) to close Filter Minder opening if not used.

D - Air cleaner canister(‡), rain hood (25 324 04-S), main and inner filters, cap (25 173 19-S) to close Filter Minder opening if not used.

E - Elbow/adapter, air cleaner gaskets, misc. hardware. Customer supplies 2" I.D. remote hose to air cleaner. (Must be Kohler-approved for CARB/EPA.)

F - Filter Minder, brass fittings.

G - Filter Minder, brass fittings, 10' hose, mounting bracket.

(†) 90° air cleaner canister is comprised of: 25 081 01-S main body, 25 096 06-S end cap w/ejector valve & clips.

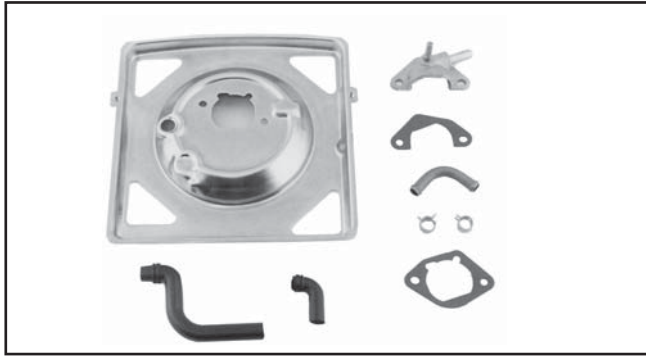
(‡) Straight air cleaner canister is comprised of: no - S part number for main body, 25 096 06-S end cap w/ejector valve & clips.

Use with:

AA - Air Cleaner Kit 24 743 22-S . . . or customer-supplied air cleaner and hose, which must be Kohler-approved for CARB/EPA.

BB - Elbow/Adapter Kit 24 743 36-S, 37-S and 38-S; or 66 743 01-S (remote-mount only).

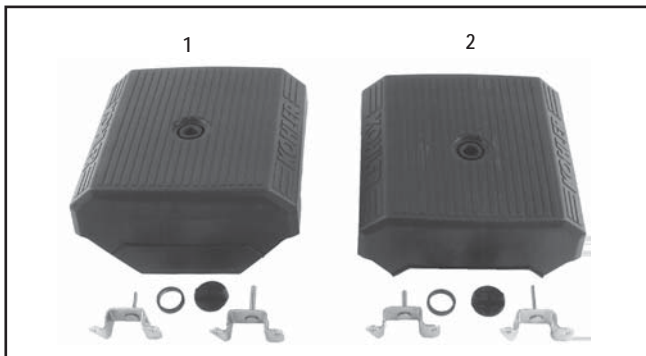
CC - Air Cleaner Kit 24 743 22-S or 23-S may only be used in remote-mounted configuration, not engine-mounted. Customer supplies 2" I.D. hose. (Must be Kohler-approved for CARB/EPA.)



AIR CLEANER BASE/BREATHER KIT

Kit No.	Description	Models
24 755 86-S	Base/breather kit	CV17-25/730-740

Note: Breather system for models with accelerator pump carburetor.

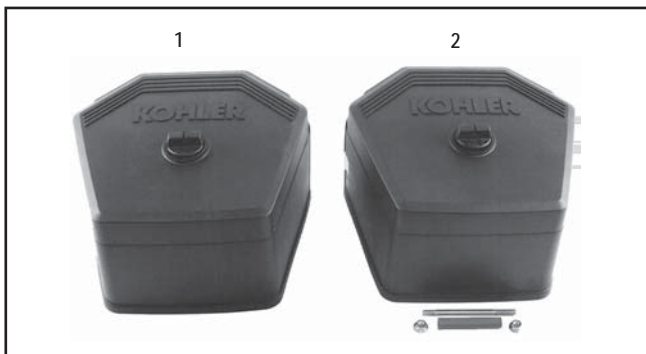


AIR CLEANER COVER KITS STANDARD

Kit No.	For Engine With	Models	Item
24 743 05-S	No control panel	CH/CV17-25/730-740*	1
24 743 06-S	Control panel	CH18-26/730-740	2

Note: Covers include embossed KOHLER name on outside, maintenance instructions on inside (English, Spanish, German, French).

*CV17-25/730-740 with standard air cleaner also requires 24 755 86-S kit (above).



AIR CLEANER COVER KITS COMMERCIAL MOWER

Kit No.	Models	Item
24 743 11-S*	CV17-25/730-740	1
24 743 17-S**	CV17-25/730-740	2
24 743 32-S**	CV26/745	2

Note: Covers include embossed KOHLER name on outside, maintenance instructions on inside (English, Spanish, German, French).

* Cover is made of high-temp material for extreme conditions.

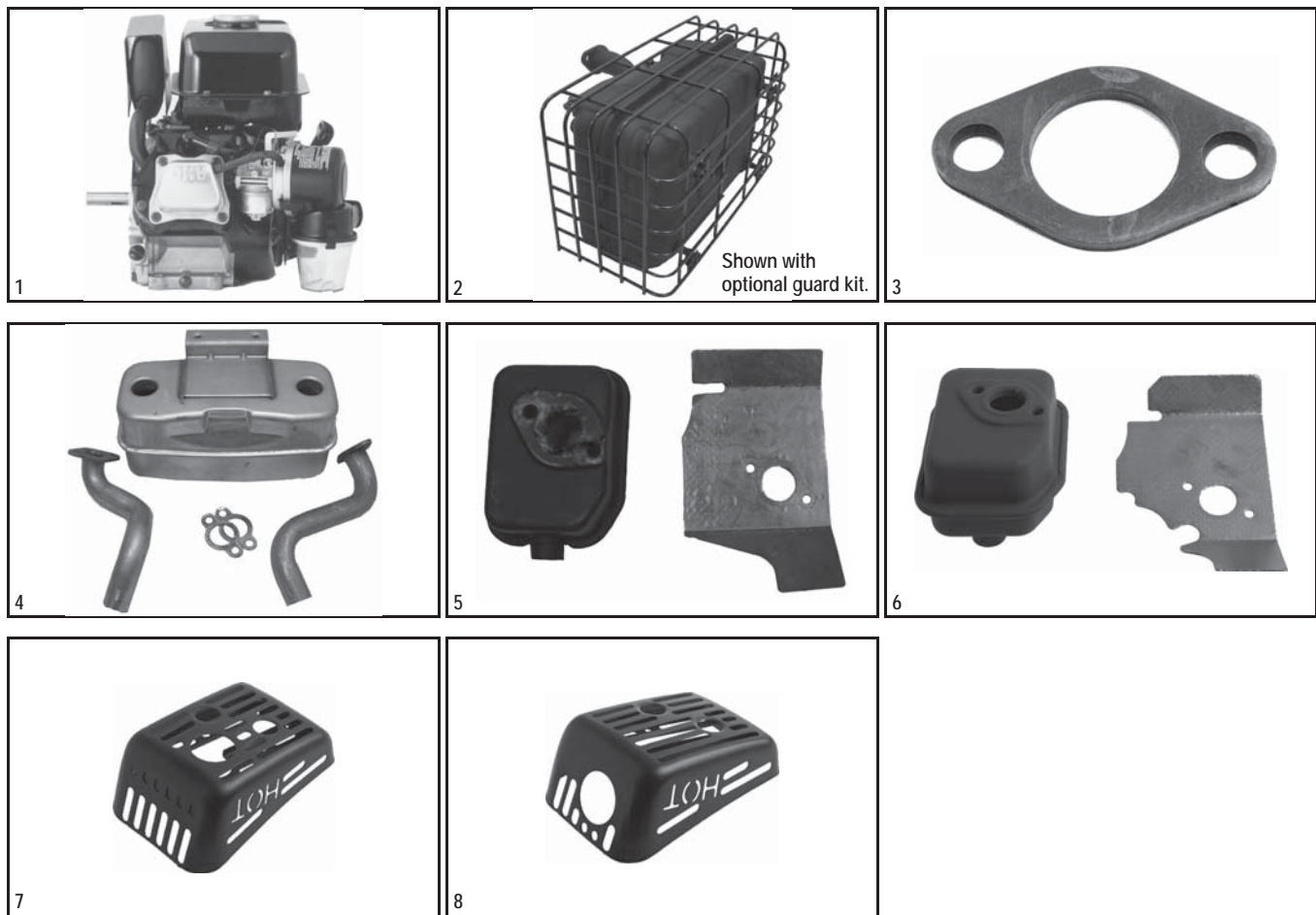
** Same as -11-S kit, but includes stud, seal and nuts for high-moisture conditions preventing water seepage under cover.



KNOB REPLACEMENT KIT

Kit No.	Description	Models
54 755 01-S	Knob Kit	CH/CV17-26/730-750

Exhaust



CS4-6 MUFFLER

Kit includes muffler and gasket. Use hardware from existing muffler.

Kit No.	Location	Outlet O.D.	Outlet Muffler Length	Outlet Tube Length	Models	Item
63 786 01-S	Throttle Side*	1.0"	9.46"	1.0"	CS4-6	1

*Outlet is on opposite side of standard muffler location. Also allows for unobstructed PTO face.

COURAGE TWIN (SV710-840) MUFFLER KIT

Kit includes muffler, gasket, slip-fit manifolds, and screws. Customer supplies mounting bracket to frame.

Kit No.	Muffler Only	Outlet Location/Direction	Item
32 786 01-S	32 068 01-S	Bottom/Toward Oil Filter	4

Not compliant for California.

COURAGE SINGLE (SV470-620) MUFFLER KIT

Kit includes muffler, gasket, support bracket, hardware and instructions.

Kit No.	Description	Engine Side	Outlet D.B.C.	Item
20 786 02-S***	Muffler Kit	Starter	2.047	2
20 068 10-S****	Muffler Kit	Starter	2.047	2
20 755 10-S	Guard Kit*			2
12 755 107-S	Guard Kit**			2

*Cage open at bottom to avoid interference with deck.

**Cage closed at bottom.

***Not compliant for California.

****California compliant muffler.

XT (COURAGE) MUFFLER KIT

Kit includes muffler and heat deflector.

Kit No.	Choke Type	Outlet Location/Direction	Item
14 068 01-S	Manual/Primer	Front Discharge	5
14 068 08-S	Manual/Primer	Side Discharge	6
14 068 05-S	Auto	Front Discharge	-
14 068 07-S	Auto	Side Discharge	-

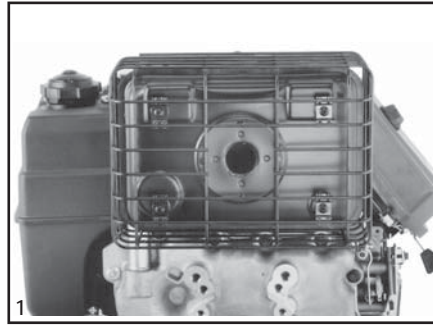
XT (COURAGE) MUFFLER GUARD

Part No.	Description	Item
14 314 04-S	For front discharge mufflers	7
14 314 09-S	For side discharge mufflers	8

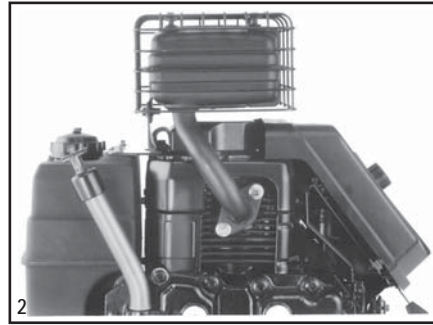
COURAGE SINGLE EXHAUST FLANGE

For adapting manifold length to customer-supplied exhaust.

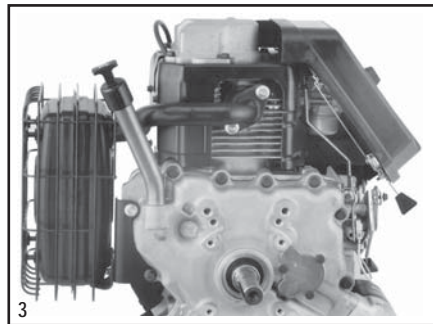
Part No.	Description	Models	Item
20 295 01-S	Steel, 0.188 thick	SV470-620	3



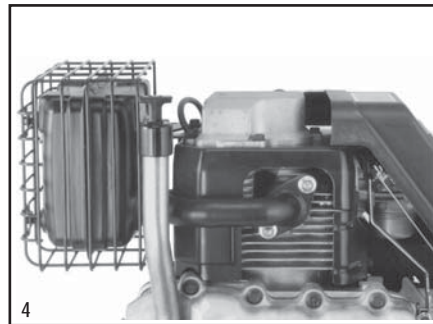
1 Includes Exhaust Deflector (not shown).



2 Includes Exhaust Deflector (not shown).



3 Vertical Orientation



4 Horizontal Orientation

PILLOW MUFFLERS & GUARDS (CH11-15)

Muffler kits include oil fill tube/dipstick as pictured . . . to avoid interference with muffler or guard . . . including sealant and a driver to aid in installation. Mufflers have stand offs for attaching optional wire guard. Guard kits do not include muffler.

Part No.	Muff.	Description	Engine	Outlet	A	B	C	D	E	F	G	H	Item
12 786 09-S*	12 068 26-S	Muffler Kit	PTO	2.047"	13.0"	—	7.0"	—	5.0"	—	4.25"	—	1
12 786 13-S**	12 068 38-S	Muffler Kit	PTO	2.047"	13.0"	—	7.0"	—	5.0"	—	4.25"	—	1
12 755 107-S	—	Guard Kit	PTO	—	—	13.5"	—	6.25"	—	5.5"	—	5.0"	1
12 786 08-S*	12 068 25-S	Muffler Kit	Top	2.047"	17.0"	—	13.25"	—	4.5"	—	—	—	2
12 786 12-S**	12 068 39-S	Muffler Kit	Top	2.047"	17.0"	—	13.25"	—	4.5"	—	—	—	2
12 755 107-S	—	Guard Kit	Top	—	—	17.75"	—	13.125"	—	5.0"	—	—	2
12 786 10-S*	12 068 27-S	Muffler Kit***	Starter, No Tank	2.047"	8.0"	—	1.0"	—	11.0"	—	—	—	3
12 786 14-S**	12 068 41-S	Muffler Kit***	Starter, No Tank	2.047"	8.0"	—	1.0"	—	11.0"	—	—	—	3
12 755 72-S	—	Guard Kit	Starter, No Tank	—	—	8.5"	—	1.5"	—	11.75"	—	—	3
12 786 11-S*	12 068 23-S	Muffler Kit	Starter, No Tank	2.047"	13.0"	—	7.0"	—	10.0"	—	—	—	4
12 786 15-S**	12 068 40-S	Muffler Kit	Starter, No Tank	2.047"	13.0"	—	7.0"	—	10.0"	—	—	—	4
—	**12 068 30-S**	Muffler****	Starter, No Tank	2.047"	13.0"	—	7.0"	—	10.0"	—	—	—	4
12 755 107-S	—	Guard Kit	Starter, No Tank	—	—	13.75"	—	6.25"	—	10.5"	—	—	4

* Muffler has no integral port liner. It is usable only on CH11-14 models below Serial No. 2628900001.

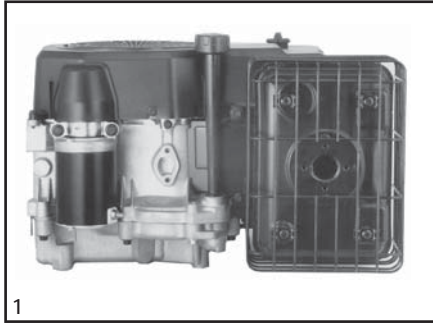
** Muffler has integral port liner extending from mounting flange, to interface with cored-out cylinder head. Only for models with Serial No. 2628900001 or higher, which include cored-out cylinder head.

*** Muffler kit not usable on specs with fuel pump.

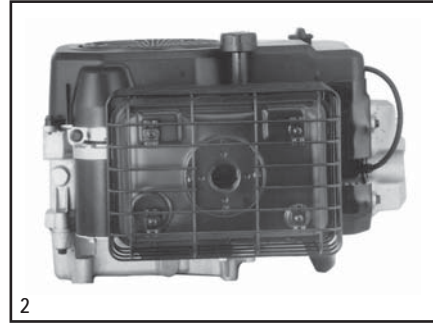
**** For CH14 LP engines only; includes oxygen sensor port in manifold-to-muffler pipe.

A — Centerline of crank to top of muffler.	E — Centerline of crank to left edge of muffler.
B — Centerline of crank to top of guard.	F — Centerline of crank to left edge of guard.
C — Centerline of crank to bottom of muffler.	G — From PTO face to farthest edge of muffler.
D — Centerline of crank to bottom of guard.	H — From PTO face to farthest edge of guard.

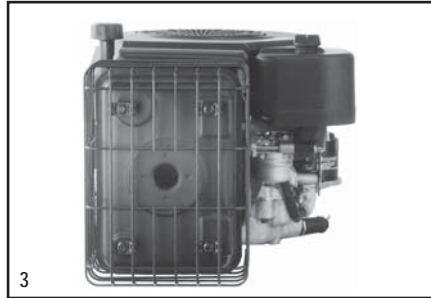
Exhaust



1 Vertical Orientation (Standard)



2 Horizontal Orientation



3 Valve Cover Orientation

PILLOW MUFFLERS & GUARDS (CV11-16/460-493)

Guard kits do not include muffler. Note: Mufflers 12 068 54-S and 55-S are exclusive to CV460-493, 12 068 39-S is also useable. No other mufflers are usable on these Models.

Part No.	Description	Engine Side	Stand Offs For Guard	Hardware (See note)	Outlet D.B.C.	A	B	C	D	E	F	Item
12 068 21-S*	Muffler (Standard)	Starter	No	1	2.047"	12.0"	—	0.75"	—	4.5"	—	1
12 068 44-S**	Muffler (Standard)	Starter	No	1	2.047"	12.0"	—	10.75"	—	4.5"	—	1
12 068 54-S**	Muffler	Starter	No	1	2.047"	12.47"	—	10.75"	—	4.5"	—	1
12 068 23-S*	Muffler	Starter	Yes	1	2.047"	12.0"	—	10.75"	—	4.5"	—	1
12 068 40-S**	Muffler	Starter	Yes	1	2.047"	12.0"	—	10.75"	—	4.5"	—	1
12 068 30-S**	Muffler****	Starter	Yes	1	2.047"	12.0"	—	10.75"	—	4.5"	—	1
12 068 55-S**	Muffler	Starter	Yes	1	2.047"	12.47"	—	10.75"	—	4.5"	—	1
12 755 107-S	Guard Kit	Starter	—	—	—	—	12.5"	—	11.25"	—	5.25"	1
						(12.97"/460-493)						
12 068 20-S*	Muffler***	Starter	No	2	2.047"	8.0"	—	9.25"	—	3.75"	—	2
12 068 42-S**	Muffler***	Starter	No	2	2.047"	8.0"	—	9.25"	—	3.75"	—	2
12 068 27-S*	Muffler***	Starter	Yes	2	2.047"	8.0"	—	9.25"	—	3.75"	—	2
12 068 41-S**	Muffler***	Starter	Yes	2	2.047"	8.0"	—	9.25"	—	3.75"	—	2
12 755 72-S	Guard Kit	Starter	—	—	—	—	8.5"	—	9.75"	—	4.25"	2
12 068 25-S*	Muffler	Valve	Yes	3	2.047"	2.5"	—	10.5"	—	—	—	3
12 068 39-S**	Muffler	Valve	Yes	3	2.047"	2.5"	—	10.5"	—	—	—	3

* Muffler has no integral port liner. It is usable only on CV11-14 models below Serial No. 2628900001.

** Muffler has integral port liner extending from mounting flange, to interface with cored-out cylinder head. Only for models with Serial No. 2628900001 or higher, which include cored-out cylinder head.

*** Muffler not usable on specs with fuel pump.

**** For CV14 LP engines only; includes oxygen sensor port in manifold-to-muffler pipe.

Note: for mufflers 12 068 25-S and 12 068 39-S, only guard 12 755 107-S is necessary for EEC. Mufflers 12 068 20-S, 12 068 21-S, 12 068 42-S and 12 068 44-S do not have weld nuts for guard attachment, so they cannot be made EEC-compliant.

A — Centerline of crank to right edge of muffler.

B — Centerline of crank to right edge of guard.

C — Mounting surface to top of muffler.

D — Mounting surface to top of guard.

E — Centerline of oil fill cap to outer edge of muffler.

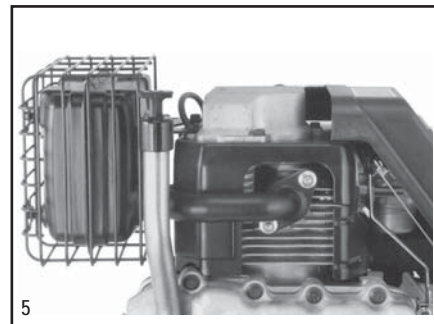
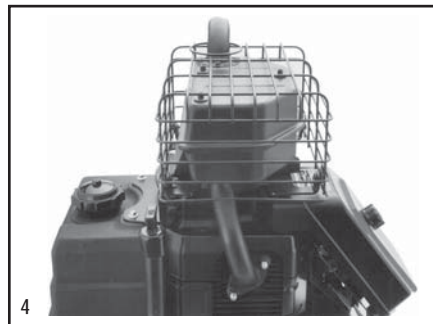
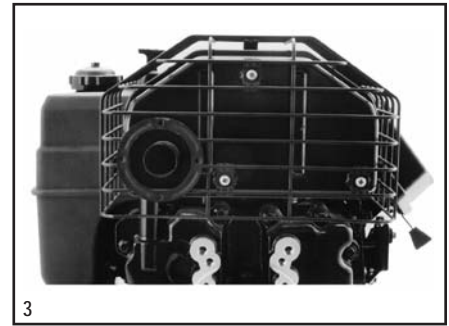
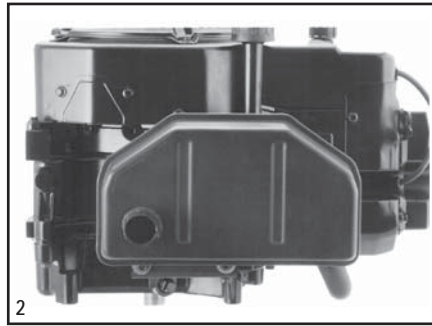
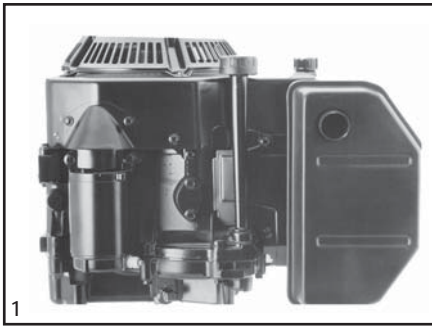
F — Centerline of oil fill cap to outer edge of guard.

Mounting Hardware (if not presently on engine)

1 - Order (1) 12 126 71-S bracket, (2) M-645025-S screw, (1) M-545016-S screw, (2) M-841080 nut, (1) X-25-78-S washer. (2) 12 112 20-S spacer (sheet metal valve cover only).

2 - Order 12 755 30-S mounting kit.

3 - Order (1) 12 126 56-S bracket, (2) M-645025-S screw, (2) M-645015-S screw, (1) 12 041 03-S gasket, (2) M-841060-S nut, (2) 12 112 20-S spacer (sheet metal valve cover only).



HAM CAN MUFFLERS (CH/CV11-15)

CV Models

CH Models

Part No.	Description	Outlet		Side	Item
		O.D.	A		
12 068 01-S	Muffler	1.25"	4.94"	Starter	1
12 786 18-S	Mounting Kit*	—	—	Starter	1
12 068 03-S	Muffler	1.25"	6.5"	Starter	2
12 068 35-S	Muffler**	1.25"	6.5"	Starter	2
12 755 30-S	Mounting Kit*	—	—	Starter	2

A — Extends away from blower housing.
 *Includes bracketry, gasket, hardware.
 **Identical to the -03 muffler, but includes integral port liner extending from the mounting flange. Only ham can muffler usable on CV11-15 models with cored-out cylinder head, Serial No. 2628900001 and higher.

Part No.	Description	Outlet D.B.C.	Space	Side	Item
12 786 04-S	Mounting Kit ***	—	—	PTO	3
12 755 26-S	Guard Kit	—	B	PTO	3
12 068 11-S	Muffler only**	2.047"	C	Top	4
12 786 03-S	Mounting/Guard Kit****	—	C	Top	4
12 068 11-S	Muffler only	2.047"	D	Starter	5
12 786 02-S	Mounting Kit***	—	—	Starter	5
12 755 26-S	Guard Kit	—	D	Starter	5

** Shown with deflector, not included.

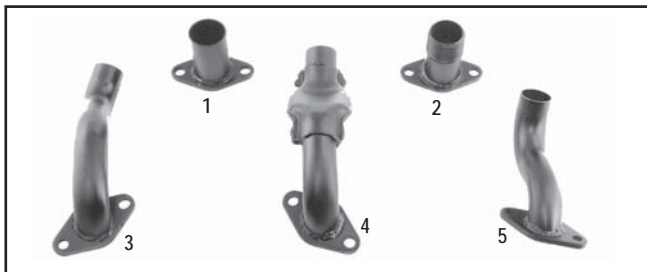
*** Includes manifold, bracketry, gaskets, hardware.

**** Includes manifold, bracketry, exhaust deflector, gasket, guard, hardware.

B — From centerline of crank to top of muffler is 12.5"; to top of guard is 13"; to bottom of guard is 6". From PTO face to guard at farthest point is 5.5"; to muffler is 5".

C — From centerline of crank to top of guard is 18.5"; to top of deflector is 20.55".

D — From centerline of crank to left edge of guard is 11.25"; to left edge of muffler is 10.75".



MANIFOLDS

Part No.	Outlet O.D.	Models	For Muffler	Item
12 164 03-S	1.312"	CH11-15	Various	1
12 164 04-S*	—	CH11-15	Pepperpot	2
12 164 05-S**	—	CH11-15	Pepperpot	3
12 382 01-S	1.125"	CH11-15	Ham Can, Top	3
12 382 02-S	1.125"	CH11-15	Ham Can, Starter	4
12 382 03-S	1.125"	CH11-15	Ham Can, PTO	5

* 1.0" N.P.T. external thread.

** Same as 12 382 01-S, except 1.0" N.P.T. external thread.

EXHAUST FLANGE (CH/CV11-15)

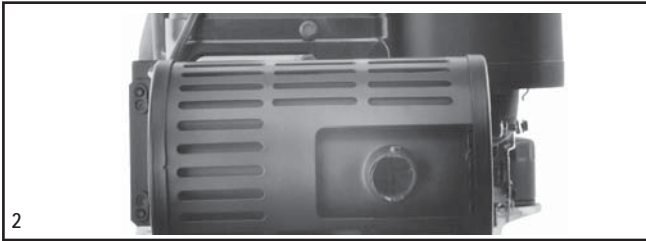
For adapting manifold length to customer-supplied exhaust.

Part No.	Description	Models
12 295 01-S	Steel, 0.188" thick	CH/CV11-15

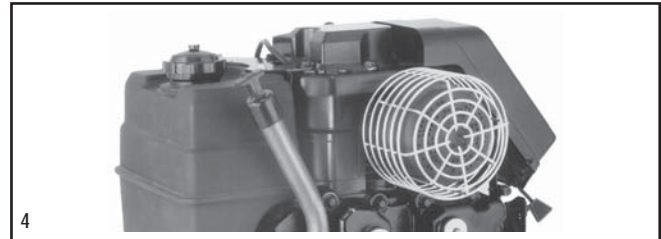
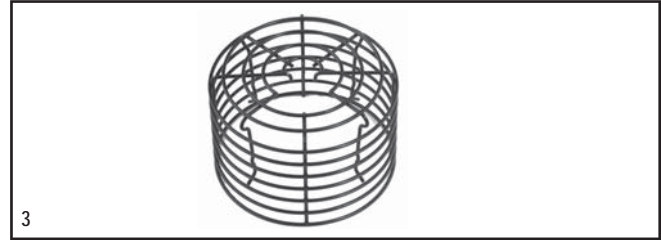
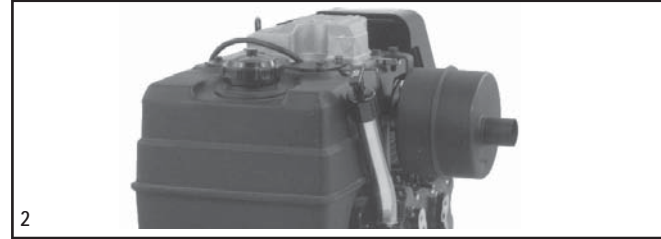
Exhaust

MISCELLANEOUS MUFFLERS

CV Models



CH Models



Part No.	Description	Engine Side	Outlet O.D.	Item
12 068 57-S*	Muffler	Valve Cover	1.25"	1
12 755 20-S**	Muffler Kit	Valve Cover	1.25"	2
12 068 49-S***	Muffler	Valve Cover	1.125"	3

* Includes integral heat shield and exhaust deflector. Also order (2) M-841080-S nut, (1) 12 041 03-S gasket, (1) 25 086 16-S screw, (1) X-25-95-S spacer, (1) X-20-1-S lock washer, (1) 25 100 20-S nut. Muffler extends 5.625" from valve cover. (1) M-645025-S screw, (1) 12 112 20-S spacer (if engine has stamped steel valve cover).

** Includes integral guard. Muffler extends 7" from blower housing.

*** Also order (1) 12 041 03-S gasket, (2) M-841060-S nuts, (2) 12 112 20-S spacers, (4) M-645016 screws, and (2) M-645025 screws.

Kit No.	Muff. Only	Description (Ideal For)	Engine Side	Item
12 786 16-S*	12 068 58-S ^{&} (Aluminized)	Round (Compressors)	Top	1
12 786 20-S	12 068 51-S	Round (Press. Washers)	Above PTO	2
12 314 32-S	—	Guard for 1 & 2	—	3
12 786 05-S**	275679-S	Pepperpot-Thread On	Above PTO	4
25 314 01-S	—	Guard only	—	4

* Includes angled oil fill tube and dipstick to clear muffler, plus mounting bracket and hardware. Muffler outlet is 5.5" above valve cover. Outlet O.D. is 1.25".

** Includes muffler, manifold, gasket, hardware. Muffler has 1.0" N.P.T. internal thread. Not usable if engine requires CARB/EPA certification.

[&] Aluminized steel canister.



Shown: 24 068 27-S Quiet version.
(Mufflers will fit with top-mount controls only.)



Shown: 24 068 27-S Quiet version.
(Mufflers will fit with top-mount controls only.)

COMMERCIAL MOWER CANISTER MUFFLERS — HEAT SHIELDS REQUIRED. SEE BELOW.

Part No.	Outlet Location/Direction	Outlet O.D.	Muffler Dia.	Muffler Length	A	B	Models
24 068 09-S	Starter Side/Straight	1.375"	4.0"	12.0"	1.0"	4.75"	CV17-25/620-730,740,750,LV625-680
24 068 08-S	Filter Side/Straight	1.375"	4.0"	12.0"	1.0"	4.75"	CV17-25/620-730,740,750,LV625-680
24 068 20-S	Filter Side/Down	1.375"	4.0"	12.0"	1.0"	4.75"	CV17-25/620-730,740,750,LV625-680
24 068 21-S	Filter Side/Extended	1.375"	4.0"	12.0"	1.0"	4.75"	CV17-25/620-730,740,750,LV625-680
24 068 58-S [§]	Filter Side/Straight	1.375"	4.0"	12.0"	1.0"	4.75"	CV17-25/620-730,740,750,LV625-680

[§]Aluminized steel canister.

Note: For mounting, order (2) 24 041 49-S gasket, (2) 24 072 08-S stud, (2) M-641060-S nut, (4) 25 100 52-S nut.

QUIET CANISTER MUFFLERS — HEAT SHIELDS REQUIRED. SEE BELOW.

These mufflers are larger than those above, and also up to 4 dBA quieter (@3600 RPM, WOT).

Kit No.	Muffler Only	Outlet Location/Direction	Outlet O.D.	Muffler Dia.	Muffler Length	A	B	Models
—	24 068 25-S	Center/Straight	1.375"	4.62"	16.0"	1.0"	5.5"	CV17-25/620-730,740,750,LV625-680
—	24 068 27-S	Starter Side/Straight	1.375"	4.62"	16.0"	1.0"	5.5"	CV17-25/620-730,740,750,LV625-680
—	24 068 29-S	Filter Side/Straight	1.375"	4.62"	16.0"	1.0"	5.5"	CV17-25/620-730,740,750,LV625-680
—	24 068 28-S	Filter Side/Down	1.375"	4.62"	16.0"	1.0"	5.5"	CV17-25/620-730,740,750,LV625-680
—	24 068 26-S	Filter Side/Extended	1.375"	4.62"	16.0"	1.0"	5.5"	CV17-25/620-730,740,750,LV625-680
—	24 068 58-S	Filter Side/Straight	1.375"	4.62"	16.0"	1.0"	5.5"	CV17-25/620-730,740,750,LV625-680
—	24 068 43-S	Center/Straight	1.375"	4.62"	16.0"	1.0"	5.5"	CV26/745EFI, ECV630-749
24 786 28-S	24 068 45-S	Starter Side/Straight	1.375"	4.62"	16.0"	1.0"	5.5"	CV26/745EFI, ECV630-749
24 786 29-S	24 068 47-S	Filter Side/Straight	1.375"	4.62"	16.0"	1.0"	5.5"	CV26/745EFI, ECV630-749
24 786 30-S	24 068 46-S	Filter Side/Down	1.375"	4.62"	16.0"	1.0"	5.5"	CV26/745EFI, ECV630-749

A — Mounting surface to bottom of muffler.

B — Mounting surface to top of muffler.

Note: For mounting, order (2) 24 041 49-S gasket, (2) 24 072 08-S stud, (2) M-641060-S nut, (4) 25 100 52-S nut.



HEAT SHIELDS FOR CANISTER MUFFLERS

Kohler requires a heat shield between muffler and air cleaner.

Part No.	Designed for Mufflers
24 281 06-S*	24 068 08-S, 09-S, 20-S, 21-S
24 281 51-S [§]	24 068 26-S, 27-S, 28-S, 29-S, 58-S
24 281 14-S*	24 068 25-S
24 281 15-S*	24 068 44-S, 45-S, 46-S, 47-S

*Order (4) 25 086 40-S screws for mounting heat shield.

[§]Aluminized steel to match muffler.

Exhaust



1
FLAT AIR CLEANER



2
COMMERCIAL MOWER AIR CLEANER

VERTICAL MUFFLER KITS* (CV17-740,750)

Kit No.	Muff. Only	Location	Outlet D.B.C.	A	B	Item
24 786 13-S	24 068 19-S	Starter Side	3.06"	3.0"	3.5"	1 (Shown)
24 786 14-S	24 068 19-S	Filter Side	3.06"	3.0"	3.5"	1
24 786 15-S	24 068 22-S	Starter Side	3.06"	—	—	2 (Shown)
24 786 16-S	24 068 22-S	Filter Side	3.06"	—	—	2

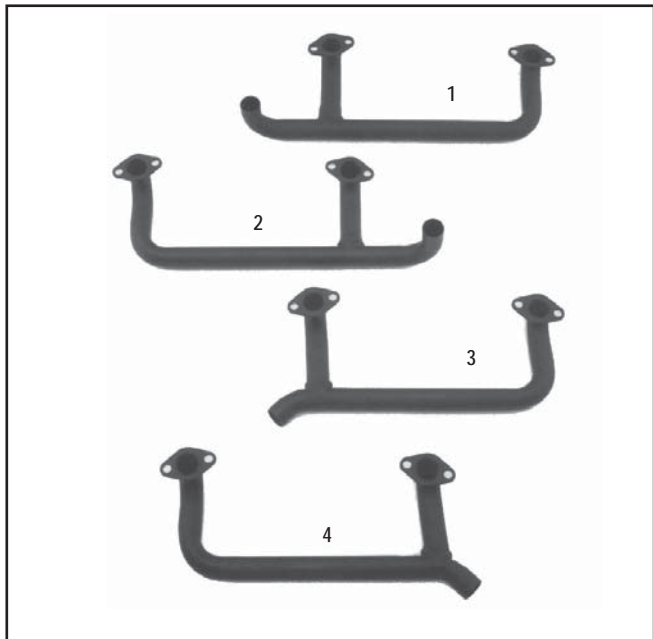
*Includes muffler, manifold, brackets, heat deflector, clamp, gaskets, and hardware.

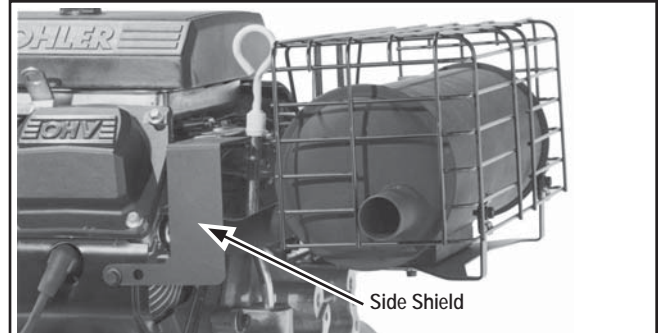
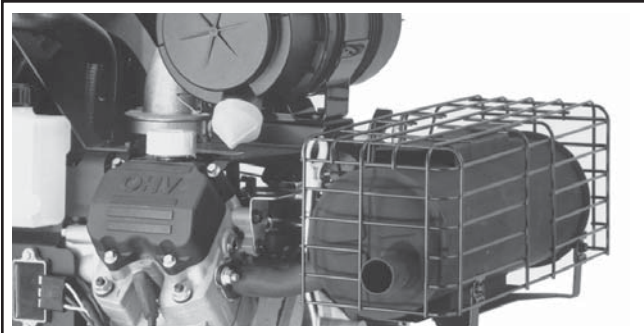
A — Extends forward of air cleaner.

B — Extends right (or left) of valve cover.

CROSSOVER MANIFOLDS USED IN KITS ABOVE

Part No.	Outlet Location	Outlet O.D.	Item
24 164 12-S	Starter Side, Down	1.125"	3
24 164 13-S	Filter Side, Down	1.125"	4
24 164 16-S	Starter Side, Up	1.125"	1
24 164 17-S	Filter Side, Up	1.125"	2





STANDARD PTO-CANISTER MUFFLER & GUARD KITS

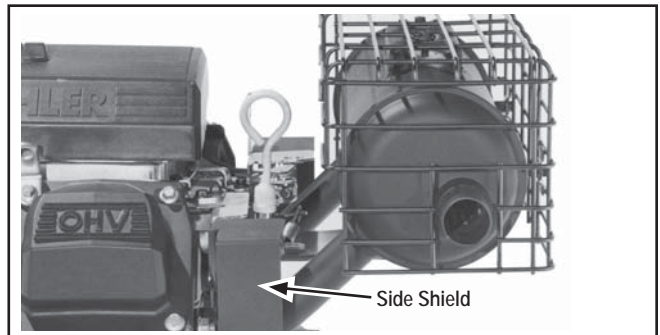
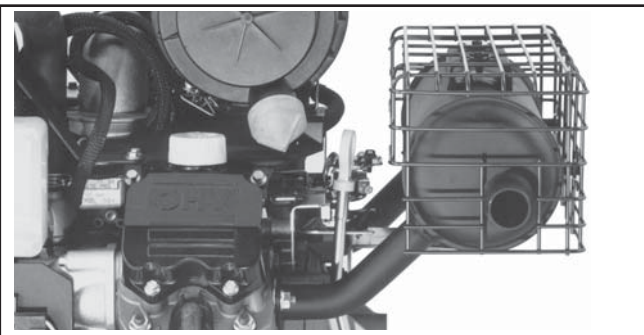
(not usable with 1" dia. metal oil fill tube)

Kit No.	Muff. Only	Outlet Location/Direction	Outlet O.D.	AEGIS		COMMAND		Models
				A	B	A	B	
24 786 04-S	24 068 05-S	Center/Straight	1.25"	—	—	4.5"	10.5"	CH18-22, CH620-680
24 786 05-S	24 068 07-S	Filter Side/Straight	1.25"	—	—	4.5"	10.5"	CH18-22, CH620-680
24 786 06-S	24 068 06-S	Starter Side/Straight	1.25"	—	—	4.5"	10.5"	CH18-22, CH620-680
24 786 23-S*	—	Starter Side/45° Down	1.25"	4.3"	10.3"	4.5"	10.5"	CH18-25, CH620-730, LH640-755
24 786 10-S**	24 068 12-S	Center/Straight	1.25"	4.3"	10.3"	4.5"	10.5"	CH25/730,740,750, LH640-755
24 786 11-S**	24 068 18-S	Filter Side/Straight	1.25"	4.3"	10.3"	4.5"	10.5"	CH25/730,740,750, LH640-755
24 786 12-S**	24 068 59-S&	Starter Side/Straight (Shown)	1.25"	4.3"	10.3"	4.5"	10.5"	CH25/730,740,750, LH640-755
24 786 26-S	24 068 57-S&	Filter Side/Straight	1.25"	4.3"	10.3"	4.5"	10.5"	CH25/730,740,750, LH640-755
24 755 80-S***	—	Muffler Guard Kit	—	—	—	—	—	CH18-26/620-750, LH640-775
24 755 114-S***	—	Side Shield Kit (2 Shields)	—	—	—	—	—	CH18-26/620-750 only (not LH)
24 786 32-S	24 068 35-S*%	Filter Side/Straight	1.25"	4.3"	10.3"	4.5"	10.5"	CH26/745, LH775, ECH630-749
24 786 33-S	24 068 41-S*%	Center/Straight	1.25"	4.3"	10.3"	4.5"	10.5"	CH26/745, LH775, ECH630-749
24 786 31-S	24 068 42-S*%	Starter Side/Straight	1.25"	4.3"	10.3"	4.5"	10.5"	CH26/745, LH775, ECH630-749

*CH25,26/730-750,LH640-775 require heat shield. See shields below. **Includes heat shield and screws. See shields below.

***When guard kit 24 755 80-S and shield kit 24 755 114-S are used together, they meet EEC (European) standards for avoidance with hot surfaces.

%25 755 36-S mounting kit required for first time installation. &Aluminized steel canister.



PTO-CANISTER MUFFLER & GUARD KITS (IDEAL FOR GEN SETS)

Mufflers are same size as standard canisters (top of page), but have a raised body to clear the alternator assembly on a generator set. Note that there is no center outlet muffler because it would allow hot exhaust to blow directly at the gen set control box.

Kit No.	Muff. Only	Outlet Location/Direction	Outlet O.D.	AEGIS		COMMAND		Models
				A	B	A	B	
24 786 21-S*	24 068 36-S	Filter Side/Straight	1.25"	6.3"	13.1"	6.5"	13.25"	CH18-25/620-730,740,750, LH640-755
24 786 22-S*	24 068 37-S	Starter Side/Straight	1.25"	6.3"	13.1"	6.5"	13.25"	CH18-25/620-730,740,750, LH640-755
24 786 27-S	24 068 51-S	Filter Side/Straight	1.25"	6.3"	13.1"	6.5"	13.25"	CH26/745, LH775, ECH630-749
24 755 104-S**	—	Muffler Guard Kit	—	—	—	—	—	CH18-25/730-750, LH640-775, ECH630-749
24 755 114-S**	—	Side Shield Kit (2 Shields)	—	—	—	—	—	CH18-25/730-750 only (not LH)

* Includes only screws for attaching heat shield. See shields below. (Required for CH25,26/730-750,LH690-775.)

** When guard kit 24 755 104-S and shield kit 24 755 114-S are used together, they meet EEC (European) standards for avoidance with hot surfaces.

A - Centerline of crank to bottom of muffler. B - Centerline of crank to top of muffler.



HEAT SHIELDS FOR CANISTER MUFFLERS

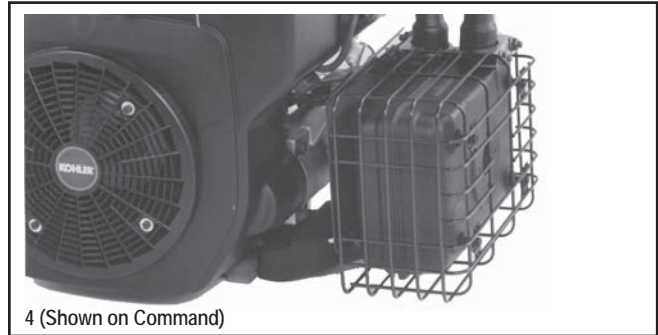
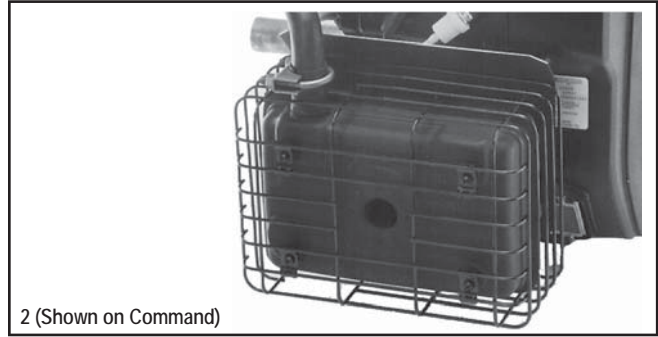
Part No.	Designed for Mufflers
24 314 50-S**	24 068 12-S, 17-S, 18-S, 36-S, 37-S, 57-S
24 314 21-S**	24 068 35-S, 41-S, 42-S, 51-S

* (4) M-650012 screws for mounting heat shield are included in muffler kits, except for 24 786 23-S which requires screws to be ordered.

** Order (4) M-650012-S screws for mounting heat shield.

&Aluminized steel to match muffler.

Exhaust



SIDE-MOUNT MUFFLER & GUARD KITS (STANDARD)

(not usable with 1" dia. metal or plastic oil fill tube)

Kit No.	Muff. Only	Location	Outlet D.B.C.	Models	Width By	Extends Engine Item
24 786 08-S	24 068 13-S	Starter Side	2.047"	CH18-23, 620-680	4.0"	1
24 786 09-S	24 068 14-S	Filter Side***	2.047"	CH18-23, 620-680*	4.0"	1 (Shown)
24 755 22-S	—	Guard Kit**	—	CH18-23, 620-680*	4.375"	2
24 786 19-S	24 068 30-S	Starter Side	2.047"	CH25/730,740,750, LH640-755*****	4.25"	3 (Shown)
24 786 20-S	24 068 31-S	Filter Side****	2.047"	CH25/730,740,750, LH640-755*****	5.60"	3
24 755 149-S	—	Guard Kit, Starter Side	—	CH25/730-750, LH640-755	4.25"	4 (Shown)
24 755 151-S	—	Guard Kit, Filter Side	—	CH25/730-750, LH640-755	5.60"	4
24 786 24-S	24 068 54-S	Starter Side	2.047"	CH26,745*****	4.25"	3
24 786 25-S	24 068 55-S	Filter Side****	2.047"	CH26,745, LH775*****	4.25"	3

* Not usable on models with oil cooler.

** Shown on 24 786 09-S Muffler Kit (muffler not included).

*** May also need to order 12 050 01-S oil filter to avoid interference with muffler.

**** Includes 12 050 01-S oil filter to avoid interference with muffler.

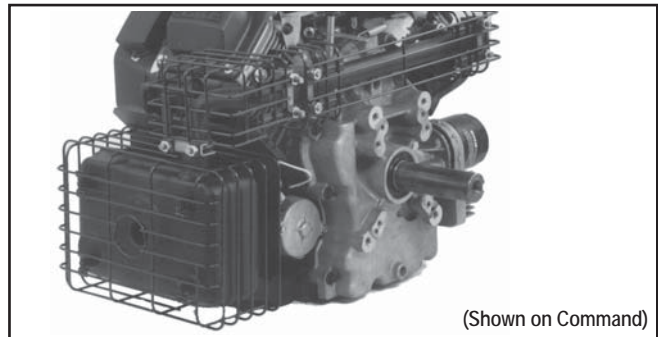
***** Kits include muffler and dual manifolds.

SIDE-MOUNT GUARD KITS, EEC (EUROPEAN) COMPLIANT

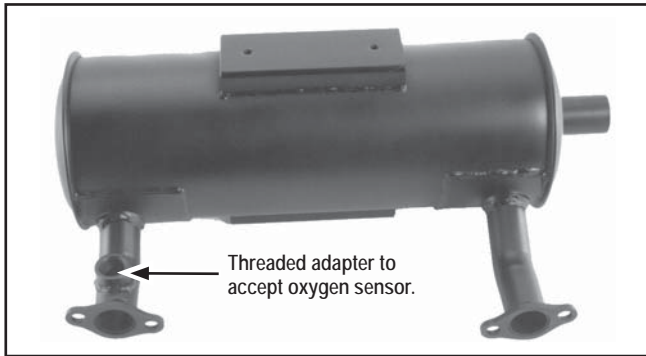
These kits include guards for the muffler, manifold and exhaust elbow. The guards must be used together to meet EEC standards for avoiding contact with hot surfaces.

Kit No.	Location	Extends Engine Width By	Models
54 755 25-S	Filter Side	4.375"	CH18-23,620-680
24 755 150-S*	Filter Side	4.375"	CH25/730,740,750 LH640-755
24 755 148-S*	Starter Side	4.375"	CH25/730,740,750 LH640-755

*Manifold guard is metal mesh, compared to wire form in other kits.



(Shown on Command)

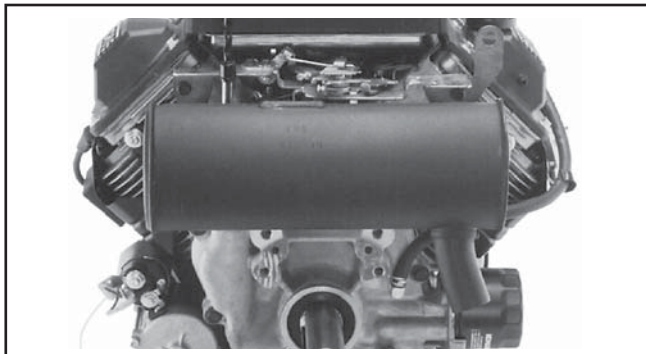


PTO CANISTER MUFFLERS & GUARD (Closed Loop LP Systems)

Mufflers include threaded adapter in filter-side inlet pipe, to accept oxygen sensor for closed loop LP fuel systems.

Kit No.	Muff. Only	Location/Direction	Outlet O.D.	Models
—	24 068 33-S*	Starter Side/Straight	1.25"	CH18-25,620-730
—	24 068 34-S*	Filter Side/Straight	1.25"	CH18-25,620-730
24 755 80-S	—	Wire Guard Kit	—	CH18-25,620-730

*Mufflers include brackets for attaching heat shield (required for CH25).
Order 24 314 50-S heat shield and (4) M-650012-S screws.

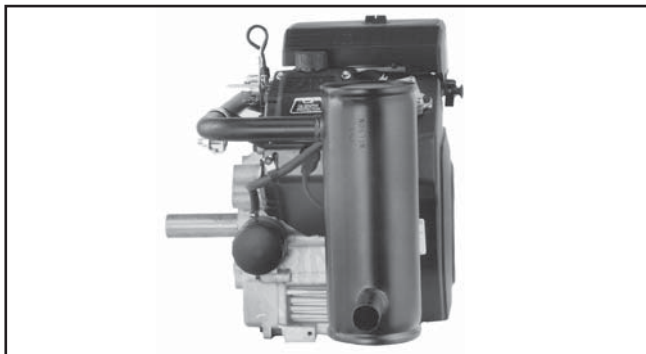


PTO CANISTER MUFFLER (Special Outlet Pointing Down)

Will not accept heat shield or wire guard kit. CARB/EPA compliant on CH18-22 only.

Part No.	Outlet Direction	Outlet O.D.	Models
24 068 11-S	Down	1.375"	CH18-22*

*Application Engineering approval needed for CH25/730-740 and LH640-755 due to smaller muffler volume and potential for higher heat.

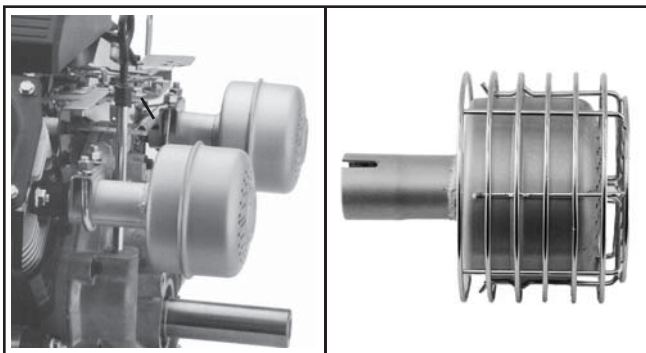


CANISTER MUFFLER (Vertical Orientation)

Available on filter side only (without oil cooler) and as remote. Special shielding is necessary (furnished by customer) to protect the fuel pump . . . whether spec has pulse or mechanical pump. If a mechanical pump is used on starter side, no shielding is necessary.

Part No.	Mounting Location	Outlet O.D.	Models
24 068 15-S*	Remote Mount	1.375"	CH18-22,620-680
24 068 16-S**	Filter Side (shown)	1.375"	CH18-22,620-680

* Also order (1) 24 164 04 manifold, (2) 24 041 49 gasket, and (4) 25 100 52-S nut.
** Same as above, plus: (1) 12 237 02 clamp, (1) M-839020 screw (bracket to crankcase), and (1) M-651030 screw (bracket to valve cover).



PEPPERPOT MUFFLER & GUARD

Muffler kit includes two mufflers, manifolds and gaskets, plus hardware. Muffler is not usable on engines that must meet CARB/EPA emission regulations, unless approved by Kohler for specific applications.

Part No.	Muffler Only	Description	Models
24 786 07-S	52 068 04-S	Muffler Kit	CH18-25/730-750, LH640
25 314 01-S	—	Guard (order 2)	CH18-25/730-750, LH640

Exhaust



CROSSOVER MANIFOLDS

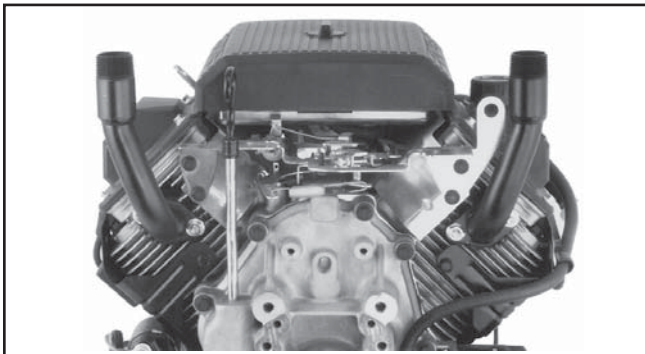
Part No.	Outlet Location	Outlet	Extends From PTO Face	Models	Item
Single Manifolds					
24 164 04-S	Filter Side	1.11" (O.D.)	0.75" Outside Face	CH18-22	1
24 164 02-S	Filter Side (Fits duct package)	1.11" (O.D.)	2.125" Outside Face	CH18-22	1
24 164 03-S	Starter Side (Fits duct package)	1.11" (O.D.)	2.125" Outside Face	CH18-22	1
24 164 10-S	Starter Side (For side muffler)	1.11" (O.D.)	0.25" Inside Face	CH18-22	1
24 164 11-S	Filter Side (For side muffler)	1.11" (O.D.)	0.25" Inside Face	CH18-22	1
24 164 27-S****	Filter Side	1.24" (O.D.)	0.25" Inside Face	CH25/730-750, LH640-755	1
24 164 28-S****	Starter Side	1.24" (O.D.)	0.25" Inside Face	CH25/730-750, LH640-755	1
24 164 25-S	Center*	1.468" (O.D.)	6.5" Outside Face	CH26/745, LH775	2
Dual Manifolds					
24 164 19-S	Starter Side (For side muffler, cyl. #1)**	1.26" (I.D.)	0.25" Inside Face	CH25/730-750, LH640-755	3
24 164 20-S	Starter Side (For side muffler, cyl. #2)**	1.26" (I.D.)	0.25" Inside Face	CH25/730-750, LH640-755	3
24 164 21-S	Filter Side (For side muffler, cyl. #2)***	1.26" (I.D.)	0.25" Inside Face	CH25/730-750, LH640-755	3
24 164 22-S	Filter Side (For side muffler, cyl. #1)***	1.26" (I.D.)	0.25" Inside Face	CH25/730-750, LH640-755	3

* Includes port for oxygen sensor (24 418 05-S, not included). To be CARB/EPA certified, must have Kohler Application Engineering approval when non-Kohler exhaust components are used.

** Included in the 24 786 19-S side-mount muffler kit.

*** Included in the 24 786 20-S side-mount muffler kit.

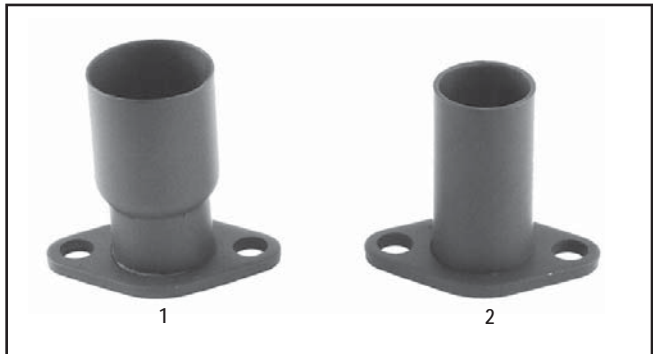
**** Will not fit with straight dipstick tube. Offset dipstick tube or kit 24 755 121-S required.



90° MANIFOLD KIT

Kit No.	Fits Muffler	Thread	Models
24 730 01-S	275679-S	1" N.P.T.	CH18-25/730-750, LH640-755

Kit includes (2) elbows, (2) gaskets, (4) nuts. No interference with PTO face.



STUB MANIFOLDS

Kit No.	Outlet O.D.	Models	Item
24 164 05-S	1.415"	CH18-25/730-750, LH650-775	1
24 164 07-S	1.125"	CH18-25/730-750, LH650-775	2



STRAIGHT COUPLE

Use with 90° manifold kit above or other threaded parts.

Part No.	Description	Thread
24 249 01-S	Straight Couple	1" N.P.S.



EXHAUST FLANGE

For adaptation of customer-supplied exhaust.

Part No.	Description	Models
24 295 01-S	Steel, 0.188" thick	CH/CV17-25/730-750, LH640-775

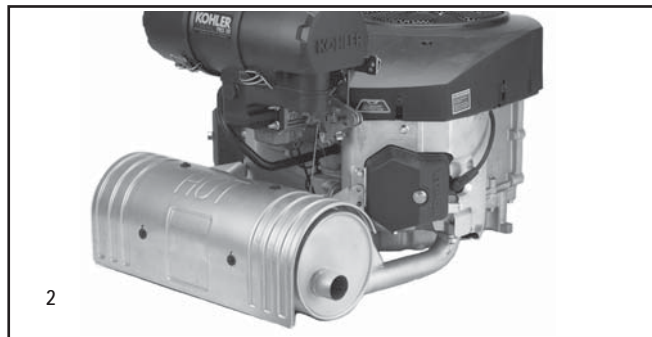
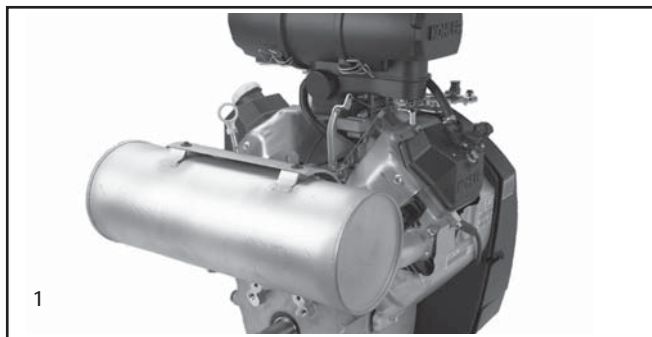


EXHAUST PORT LINER

Offers better thermal protection.

Part No.	Description	Models
24 605 07-S	Stainless Steel, 0.035" thick	CH/CV17-25/730-750, LH640-775, ECH/ECV630-749

*Indicates item not usable on engines which are required to meet CARB or EPA emission regulations, unless approved by Kohler for specific applications.



HORIZONTAL MUFFLER KITS*

Kit No.	Muff. Only	Discharge	Outlet O.D.	A	B	Item	Heat Shield (required)
62 786 01-S	62 068 06-S	Center	1.5"	11.75"	4.0"	1	62 314 05-S
62 786 02-S	62 068 05-S	Starter Side	1.5"	11.75"	4.0"	1	62 314 05-S
62 786 03-S	62 068 02-S	Opposite Starter	1.5"	11.75"	4.0"	1	62 314 05-S

*Includes muffler, gaskets, heat shield, and hardware.

A — Centerline of crank to top of muffler.

B — Centerline of crank to bottom of muffler.

VERTICAL MUFFLER KITS*

Kit No.	Muff. Only	Discharge	Outlet O.D.	A	B	Item	Heat Shield (required)
62 786 04-S	62 068 09-S	Center	1.5"	2.68"	4.04"	2	62 314 06-S
62 786 05-S	62 068 08-S	Starter Side	1.5"	2.68"	4.04"	2	62 314 04-S
62 786 06-S	62 068 07-S	Opposite Starter	1.5"	2.68"	4.04"	2	62 314 04-S

*Includes muffler, brackets, gaskets, heat shield, and hardware.

A — Mounting surface to bottom of muffler.

B — Mounting surface to top of muffler.

CROSS OVER MANIFOLDS & MUFFLER

Original Equipment Manufacturer responsible for the original installation and thermal protection.

Kit No.	Models	Description	Location	Outlet O.D.	Inlet I.D.	
62 164 10-S	CH940-1000	Manifold	Non-Starter Side	1.5"	—	Not Pictured
62 164 11-S	CH940-1000	Manifold	Starter Side	1.5"	—	Not Pictured
62 068 10-S	CH940-1000	Muffler	—	—	1.5"	Not Pictured



STUB MANIFOLD

Part No.	Outlet O.D.	Models
62 164 12-S	1.5"	CH940-1000

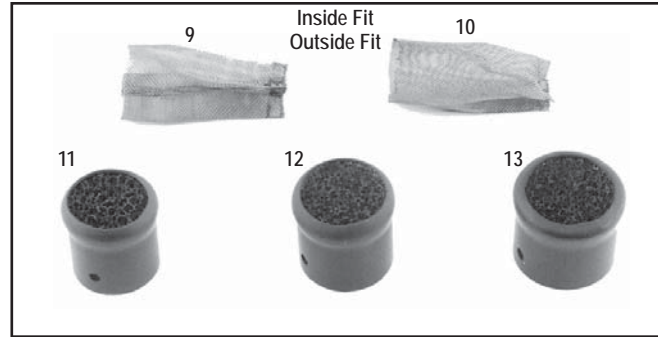
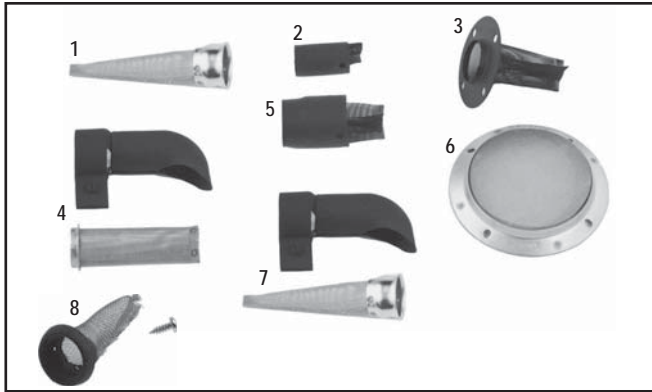


EXHAUST FLANGE

For adaptation of customer-supplied exhaust.

Part No.	Description	Models
62 295 01-S	Steel, 0.25" thick	CH940-1000

Exhaust



SPARK ARRESTORS

Part No.	Models	HP Rating For U.S.F.S.	Inlet Size	Fits Muffler Outlet	Mounting D.B.C.	Notes	Item
63 189 02-S	CS4-6	6	—	—	—	Already factory-installed on engine	1
63 189 01-S	CS8.5-12	12	—	—	—	Already factory-installed on engine	1
15 189 01-S	CH6	6	0.76" I.D.	0.75" O.D.	—	Includes set screw	2
15 755 16-S*	CH6	6	0.76" I.D.	0.75" O.D.	—	Kit includes 15 189 01-S arrestor (above)	—
12 189 02-S**	CH/CV11-16/460-493, CH18-25/730-740, LH640-755, SV470-620	27	1.125" O.D.	1.126" I.D.	2.047"	For pillow side muffler	3
24 189 01-S	CH18-26/730-750, LH640-775,	31	1.26" I.D.	1.25" O.D.	—	For canister muffler, inc. deflector	4
25 189 01-S	CH/CV11-16/460-493, CH18-26/730-750, LH640-775	27	1.26" I.D.	1.25" O.D.	—	Includes set screw	5
25 189 02-S	CH/CV17-26/730-750, LH640-775, LV625-680	27	1.39" I.D.	1.375" O.D.	—	Includes set screw	5
25 533 01-S**	CH11-15	23	—	—	3.68"	For 275679-S pepperpot muffler	6
62 189 02-S	CH940-1000	40	—	—	—	Includes set screw	—
62 533 01-S	CH940-1000	40	—	—	—	For canister muffler, inc. deflector	7
14 533 01-S	XT-6/7	27	—	—	—	Already factory-installed on engine	8
17 533 09-S	CH270	27	—	—	—	Already factory-installed on engine	3

* User must weld adapter to muffler outlet. Other end will then accept 15 189 01-S arrestor. Also must cut slot in guard.

** Also order (4) M-545010-S screw (drill 5/32" holes in muffler).

EXHAUST SILENCERS

Part No.	Models	HP Rating For U.S.F.S.	Inlet Size	Fits Muffler Outlet	Notes	Item
52 428 01-S	Varies by outlet size	****	—	1.375" O.D.	Use 52 086 20-S screw	9
12 755 35-S	Varies by outlet size	****	—	1.25" O.D.	Includes screw	10
25 755 08-S	Varies by outlet size	****	—	1.25" O.D.	Includes screw	11
25 755 09-S	Varies by outlet size	****	—	1.375" O.D.	Includes screw	12
25 755 10-S	Varies by outlet size	****	—	1.5" O.D.	Includes screw	13

****Not U.S.F.S. approved.

EXHAUST DEFLECTORS

Part No.	Models	Inlet I.D.	Fits Muffler Outlet	Also Order	Item
45 054 21-S	CH/CV17-26/730-750, LH640-775, LV625-680	1.376"	1.375" O.D.	D	1
25 054 05-S	CH/CV940-1000,	1.55"	1.50" O.D.	D	1
12 054 02-S	CV11-16/460-493, CH18-26/730-750, LH640-775	1.26"	1.25" O.D.	B	2
24 265 06-S	CH/CV17-26/730-750, LH640-775, LV625-680	1.39"	1.375" O.D.	B	3
24 265 07-S	CS8.5 (300cc), CS10-12, CH/CV17-26/730-750, LH640-775, LV625-680	1.39"	1.375" O.D.	B	4
63 265 01-S	CS4-6	1.02"	1.0"	E	5
63 265 02-S	CS8.5 (250cc)	1.96"	1.94" O.D.	E	5
24 265 01-S	CH/CV11-16/460-493, CH18-26/730-750, LH640-775	1.25"	1.25" O.D.	—	6
15 265 02-S	CH6	—	1.57" D.B.C.	A	7
12 755 106-S*	CH/CV11-16/460-493, CH18-25/730-740**, LH640-755, SV470-620	—	2.047" D.B.C.	—	8
12 755 28-S*	CH/CV11-16/460-493, CH18-25/730-740, LH640-755, SV470-620	—	2.047" D.B.C.	—	9
25 755 19-S*	CH/CV11-16/460-493, CH18-25/730-740, LH640-755, SV470-620	—	2.047" D.B.C.	—	10
24 755 49-S*	CH/CV17-750	—	3.06" D.B.C.	—	11
24 755 168-S*	CH/CV17-750	—	3.06" D.B.C.	—	12
62 265 03-S	CH940-1000	—	1.50" O.D.	—	—
18 730 01-S	SH265	—	—	—	13
17 730 05-S	CH270	—	2.01" D.B.C.	—	14
17 730 03-S	CH395/440	—	2.05" D.B.C.	—	15
17 730 01-S	CH270	—	2.01" D.B.C.	—	16
17 730 02-S	CH395	—	2.05" D.B.C.	—	17
17 730 04-S	CH440	—	—	—	18
17 730 06-S	CH270	—	—	—	19
17 730 08-S	CH395	—	—	—	20

*Kit includes deflector, screws.

**Minor modifications are needed to muffler guard 24 755 22-S if deflector is used with it.

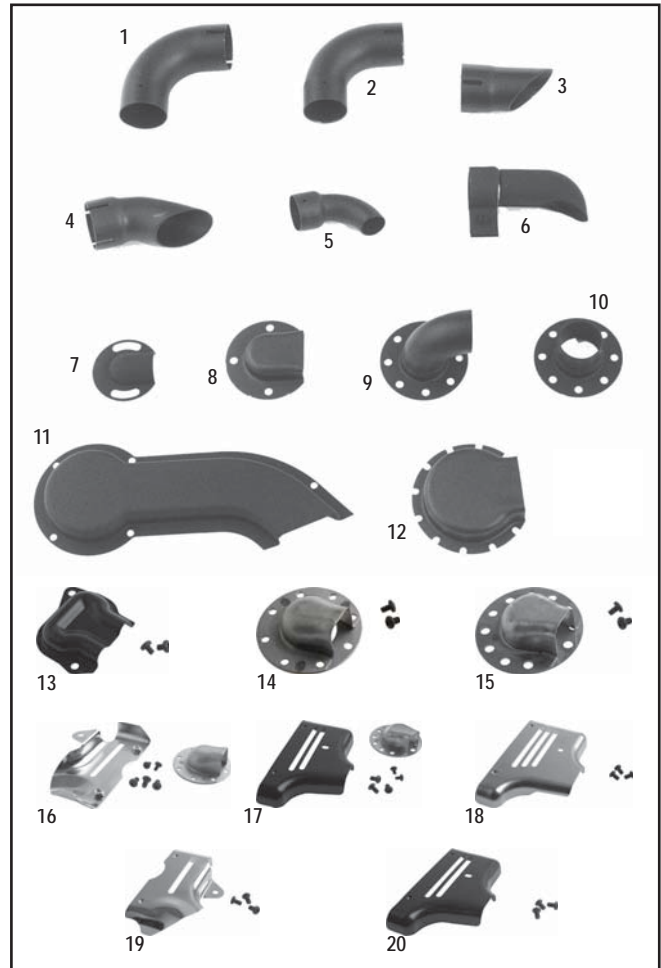
A — (2) M-556010-S Screw

B — (1) 47 237 04-S Clamp

C — (1) 25 086 40-S Screw

D — (1) 24 237 13-S Clamp

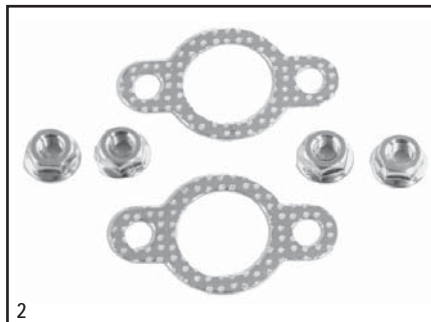
E — (1) 25 086 46-S Screw



HARDWARE KITS

For attaching mufflers to exhaust outlets.

Kit No.	Models	Includes	Item
12 786 17-S	CH/CV11-16/460-493	2 nuts, 1 gasket	1
25 786 01-S	CH18-26/730-750, LH630-775, TH520-575 w/standard flange nuts (shown)	4 nuts, 2 gaskets	2
17 786 01-S	CH270	3 screws, 1 gasket	3
17 786 02-S	CH395/440	3 screws, 1 gasket	3



Labels

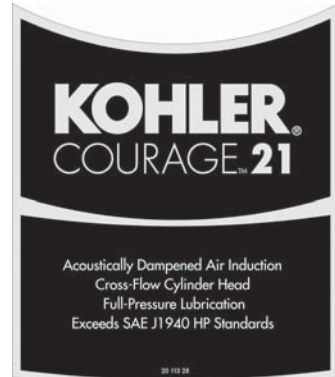
Courage® Single



Silver Graphics
14 113 02-S for XT-7
14 113 12-S for XT-6



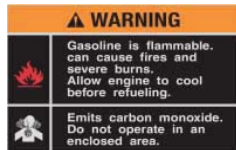
Primer Decal
14 113 04-S



Silver letters/numbers
20 113 09-S - 15 HP
20 113 10-S - 16 HP
20 113 11-S - 17 HP
20 113 12-S - 18 HP
20 113 13-S - 19 HP
20 113 14-S - 20 HP
20 113 28-S - 21 HP
20 113 38-S - 22 HP



Silver letters/numbers
20 113 29-S (fixed guard)



Warning Decal
14 113 03-S

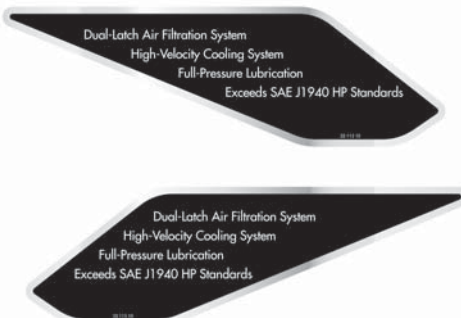
Courage® Twin



Silver letters/numbers
32 113 02-S - 20 HP
32 113 03-S - 23 HP
32 113 04-S - 25 HP
32 113 24-S - 26 HP
32 113 05-S - 27 HP



Silver letters/numbers
32 113 06-S - 20 HP
32 113 12-S - 22 HP
32 113 07-S - 23 HP
32 113 08-S - 25 HP
32 113 25-S - 26 HP
32 113 09-S - 27 HP



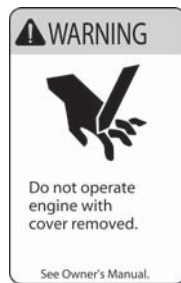
Silver letters/numbers
32 113 10-S wing set



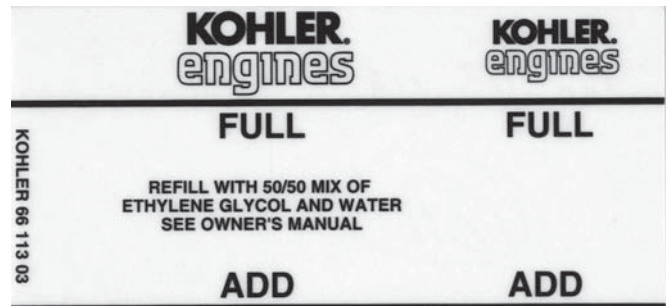
Silver letters/numbers
32 113 11-S - (fixed guard)
Gold letters/numbers
32 113 53-S - (fixed guard)

(Note: All labels shown smaller than actual size.)

Aegis®



66 113 01-S



Black on clear, coolant bottle level
66 113 03-S



66 113 04-S



Matte gold letters/numbers, blue stripe

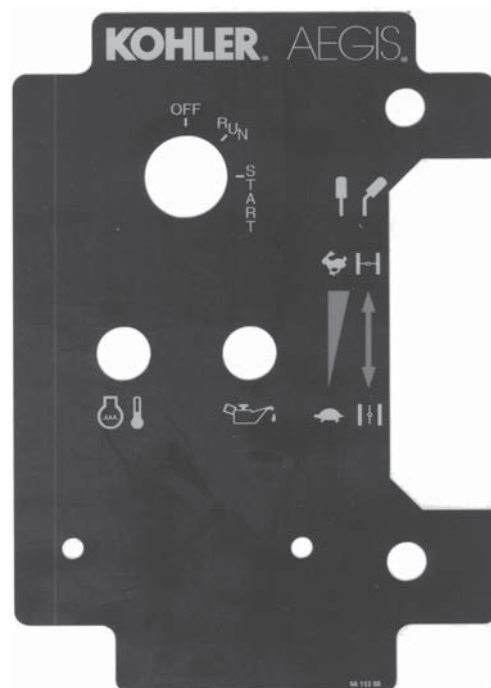
66 113 14-S – 24 HP

66 113 07-S – 25 HP

66 113 15-S – 26 HP

66 113 16-S – 28 HP

66 113 17-S – 31 HP (EFI)



66 113 08-S

(Note: All labels shown smaller than actual size.)

Labels

Command PRO CS[®] Single



Gold letters/numbers

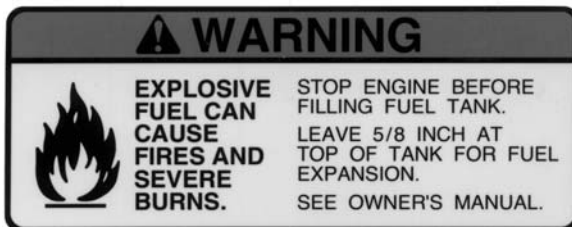
63 113 08-S – 4 HP
63 113 12-S – 6 HP
63 113 13-S – 8.5 HP
63 113 14-S – 10 HP
63 113 05-S – 12 HP
63 113 33-S – 12.75 HP



Gold letters/numbers
63 113 32-S



Gold letters/numbers
63 113 25-S



63 113 06-S (All HP)



63 113 11-S – Recoil (4, 6 HP)
63 113 04-S – Recoil (8.5, 10, 12 HP)



Gold letters/numbers
63 113 18-S – 6 HP (2.5" dia.)
63 113 19-S – 8.5 HP (3.25" dia.)
63 113 20-S – 10 HP (3.25" dia.)
63 113 21-S – 12 HP (3.25" dia.)



63 113 10-S – Choke (4, 6 HP)



63 113 02-S – Choke (8.5/300cc, 10, 12 HP)



63 113 01-S – Speed (4-6, 8.5/300cc 10, 12 HP)



63 113 23-S – Speed/Choke (8.5/250cc HP)



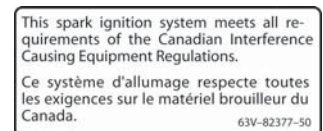
63 113 16-S – Ignition (4, 6 HP)



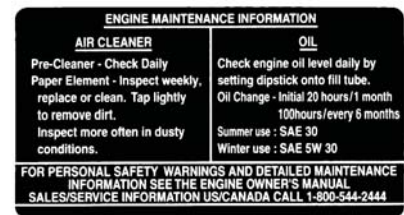
63 113 26-S – Ignition (8.5/250cc HP)



63 113 15-S – Ignition (8.5/300cc, 10, 12 HP)



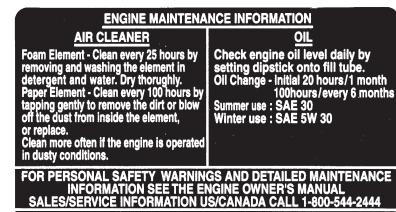
63 113 07-S



63 113 03-S (All HP)



Gold letters/numbers
66 113 31-S (3.25" dia.)



63 113 24-S
(4-6,8.5-12 HP, H.D. Air Cleaner)

(Note: All labels shown smaller than actual size.)

Command® Single

ENGINE MAINTENANCE INFORMATION

AIR CLEANER PRECLEANER—CHECK DAILY PAPER ELEMENT—INSPECT WEEKLY. REPLACE OR CLEAN. TAP LIGHTLY TO REMOVE DIRT. INSPECT MORE OFTEN IN DUSTY CONDITIONS.	OIL/OIL FILTER CHECK ENGINE OIL LEVEL DAILY BY SETTING DIPSTICK ONTO TUBE. OIL CHANGE – 100 HOURS/ONCE A SEASON. SUMMER—USE SAE 10W30 WINTER—USE SAE 5W30 OIL FILTER CHANGE—200 HOURS/ EVERY OTHER OIL CHANGE.
---	--

FOR PERSONAL SAFETY WARNINGS AND DETAILED MAINTENANCE INFORMATION, SEE THE ENGINE OWNER'S MANUAL.
SALES SERVICE INFORMATION US CANADA CALL 1-800-544-2444

12 113 04 (6-88)

12 113 04-S (100 hr. oil interval, summer 10W-30)

ENGINE MAINTENANCE INFORMATION

AIR CLEANER PRECLEANER—CHECK DAILY PAPER ELEMENT—INSPECT WEEKLY. REPLACE OR CLEAN. TAP LIGHTLY TO REMOVE DIRT. INSPECT MORE OFTEN IN DUSTY CONDITIONS.	OIL/OIL FILTER CHECK ENGINE OIL LEVEL DAILY BY SETTING DIPSTICK ONTO TUBE. OIL CHANGE – 50 HOURS/ONCE A SEASON. SUMMER—USE SAE 10W30 WINTER—USE SAE 5W30 OIL FILTER CHANGE—100 HOURS/ EVERY OTHER OIL CHANGE.
---	---

FOR PERSONAL SAFETY WARNINGS AND DETAILED MAINTENANCE INFORMATION, SEE THE ENGINE OWNER'S MANUAL.

12 113 53 (NOV 93)

12 113 53-S (50 hr. oil interval)

STARTING INSTRUCTIONS

1. PLACE THROTTLE IN CHOKE POSITION.
2. SLOWLY PULL STARTER HANDLE UNTIL JUST PAST COMPRESSION - STOP! RETURN STARTER HANDLE, PULL FIRMLY TO START.

USE SAE 10W30 OIL.
USE OF HEAVIER OIL WILL MAKE STARTING DIFFICULT.

12 113 07-S (Starting)

WARNING

EXPLOSIVE FUEL CAN CAUSE FIRES AND SEVERE BURNS.

STOP ENGINE BEFORE FILLING FUEL TANK.
LEAVE 1 1/4 INCH AT TOP OF TANK FOR FUEL EXPANSION.
SEE OWNER'S MANUAL.

12 113 21-S

STARTING INSTRUCTIONS

1. PLACE THROTTLE IN CHOKE POSITION.
2. SLOWLY PULL STARTER HANDLE UNTIL JUST PAST COMPRESSION - STOP! RETURN STARTER HANDLE, PULL FIRMLY TO START.

STOPPING INSTRUCTIONS

1. MOVE THROTTLE TO MID-RANGE BEFORE STOPPING.
USE SAE 10W30 OIL.
USE OF HEAVIER OIL WILL MAKE STARTING DIFFICULT.

12 113 71-S (Starting/Stopping)



12 113 16-S – white on clear



12 113 25-S



12 113 50-S



12 113 22-S – white on clear



12 113 17-S – white on clear



- Non-PRO, silver on black, red stripe
- | | |
|-----------------------|----------------------|
| 12 113 41-S – 12.5 HP | 12 113 118-S – 17 HP |
| 12 113 42-S – 14 HP | 12 113 119-S – 18 HP |
| 12 113 46-S – 15 HP | |



- PRO, matte gold letters/numbers, red stripe
- | | |
|------------------------|------------------------|
| 12 113 108-S – 11 HP | 12 113 111-S – 14 HP |
| 12 113 109-S – 12.5 HP | 12 113 112-S – 15 HP |
| 12 113 110-S – 13 HP | 12 113 120-S – 15.5 HP |
| | 24 113 94-S – 18 HP |

(Note: All labels shown smaller than actual size.)

Labels

Command® Twin



Non-PRO®, silver on black, red stripe

- | | |
|----------------------|--------------------------------|
| 24 113 134-S – 16 HP | 24 113 71-S – 22 HP |
| 24 113 11-S – 18 HP | 24 113 130-S – 23 HP |
| 24 113 33-S – 19 HP | 24 113 131-S – 25 HP |
| 24 113 102-S – 21 HP | 24 113 137-S – 26 HP (non-EFI) |
| 24 113 129-S – 20 HP | 24 113 132-S – 27 HP |
| | 24 113 133-S – 28 HP |



PRO, matte gold letters/numbers, red stripe

- | | |
|---------------------|----------------------------|
| 24 113 93-S – 17 HP | 24 113 97-S – 25 HP |
| 24 113 94-S – 18 HP | 24 113 100-S – 26 HP (EFI) |
| 24 113 95-S – 20 HP | 24 113 124-S – 27 HP |
| 24 113 96-S – 22 HP | 24 113 125-S – 28 HP (EFI) |
| 24 113 90-S – 23 HP | 24 113 143-S – 30 HP |



PRO, matte gold letters/numbers, green stripe and EFI

- | | |
|----------------------|----------------------|
| 24 113 154-S – 25 HP | 24 113 155-S – 29 HP |
| 24 113 153-S – 27 HP | |



PRO, matte gold letters/numbers, green stripe and EFI

- | | |
|----------------------|----------------------|
| 24 113 161-S – 19 HP | 24 113 164-S – 25 HP |
| 24 113 162-S – 21 HP | 24 113 165-S – 27 HP |
| 24 113 163-S – 23 HP | 24 113 166-S – 29 HP |



PRO, matte gold on black
25 113 24-S – 1.625" dia.
25 113 25-S – 2.5" dia.

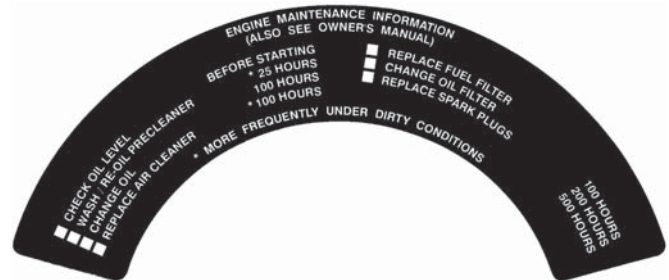


Non-PRO, silver on black, red circle
24 113 18-S – 1.75" dia.



Black on silver, high-temperature material - rear of flat A/C

- | | |
|----------------------|------------------------------------|
| 24 113 99-S – 17 HP | 24 113 24-S – 22 HP |
| 24 113 07-S – 18 HP | 24 113 89-S – 23 HP |
| 24 113 08-S – 20 HP | 24 113 34-S – 25 HP |
| 24 113 150-S – 21 HP | 24 113 138-S – Plain Silver, no HP |



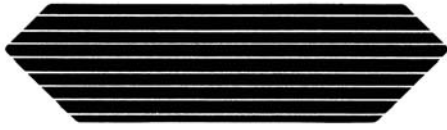
24 113 31-S



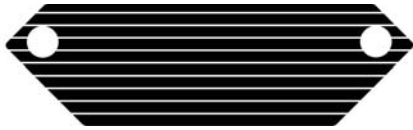
- | |
|---------------------|
| 24 113 19-S – 18 HP |
| 24 113 20-S – 20 HP |
| 24 113 51-S – 25 HP |

(Note: All labels shown smaller than actual size.)

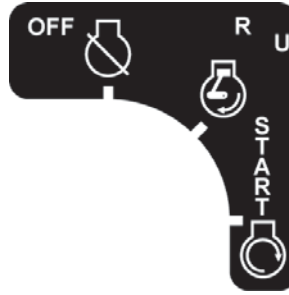
Command® Twin



24 113 05-S – Red Stripes
24 113 58-S – Gold Stripes



24 113 103-S – Gold Stripes



24 113 126-S
For CH Twins with plastic
intake manifold.



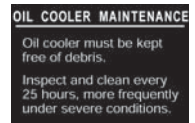
24 113 03-S
For CH Twins with aluminum
intake manifold.



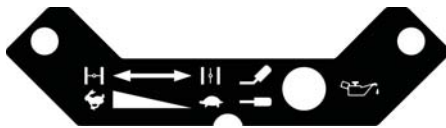
24 113 92-S – New choke/throttle w/o Oil Sentry™



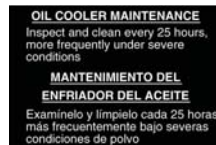
24 113 45-S



24 113 25-S



24 113 91-S – New choke/throttle w/Oil Sentry™



24 113 145-S



24 113 14-S



24 113 127-S – New choke w/o Oil Sentry™



24 113 06-S – Old choke/throttle
w/o Oil Sentry™



24 113 78-S



24 113 04-S – Old choke/throttle
w/Oil Sentry™



24 113 15-S – Old choke

(Note: All labels shown smaller than actual size.)

Labels



25 113 05-S (white on clear)

THIS ENGINE DOES NOT COMPLY WITH FEDERAL OR CALIFORNIA SMOKE OR HIGHWAY EMISSION REQUIREMENTS. SALE OR INSTALLATION OF THIS ENGINE FOR ANY PURPOSE OTHER THAN AS A REPLACEMENT ENGINE FOR A LIKE OFF-ROAD UNCERTIFIED ENGINE IS A VIOLATION OF FEDERAL AND CALIFORNIA LAW SUBJECT TO CIVIL PENALTY.

25 113 28-S

STARTING INSTRUCTIONS
THIS UNIT IS EQUIPPED WITH AN ELECTRIC FUEL PUMP. IF IT HAS NOT BEEN OPERATED WITHIN THE LAST 24 HOURS, TURN THE KEY SWITCH TO THE "ON/RUN" POSITION AND WAIT FOR 5 SECONDS BEFORE ATTEMPTING TO START THE ENGINE.

25 113 18-S

ENGINE MAINTENANCE INFORMATION
INFORMACION DEL MANTENIMIENTO DEL MOTOR
AIR CLEANER: WEEKLY - CHECK AIR CLEANER ELEMENT AND FILTER BLOWER GAGE. OIL CHANGE 100 HOURS/SEASON. WINTER - USE SAE 10W30. OIL FILTER CHANGE 200 HOURS.
FILTRO DE AIRE: SEMANAL - REVISAR EL FILTRO DE AIRE Y EL SEÑOR DE BOMBEO DE FULCRACION. INSPECCIONAR EL BARRIL DE PRESIONAMIENTO DE BOMBEO. CAMBIO EL ACEITE CADA 100 HORAS O EN CADA ESTACION DE AIRE. USO SAE 10W30 EN EL INVIERNO. CAMBIO EL FILTRO DE ACEITE CADA 200 HORAS.
FOR PERSONAL SAFETY WARNINGS AND DETAILED MAINTENANCE INFORMATION, SEE THE PRODUCT OWNER'S MANUALS. PARA ADVERTENCIAS DE SEGURIDAD PERSONAL, E INFORMACION DETALLADA DEL MANTENIMIENTO, CONSULTE EL MANUAL DEL PROPIETARIO DEL MOTOR.

25 113 44-S

WARNING

Carbon Monoxide can cause severe nausea, fainting, or death. Do not operate engine in a closed or confined area. Follow OSHA Standards.

25 113 32-S

All Models

CAUTION
CONVERT ANTI-ICING COMPONENTS FOR SUMMER USE ABOVE 45° F. (7° C) (REFER TO ANTI-ICING INSTRUCTION SHEET)

25 113 23-S



25 113 39-S (clear overlay for name plate)

STOPPING INSTRUCTIONS
ENGINE IS EQUIPPED WITH A FUEL SHUT-OFF SOLENOID. MOVE THROTTLE TO MID-RANGE BEFORE STOPPING.

25 113 17-S

ENGINE MAINTENANCE INFORMATION
AIR CLEANER: WEEKLY - CHECK AIR CLEANER ELEMENT AND FILTER BLOWER GAGE. OIL CHANGE 100 HOURS/SEASON. WINTER - USE SAE 10W30. OIL FILTER CHANGE 200 HOURS.
FILTRO DE AIRE: SEMANAL - REVISAR EL FILTRO DE AIRE Y EL SEÑOR DE BOMBEO DE FULCRACION. INSPECCIONAR EL BARRIL DE PRESIONAMIENTO DE BOMBEO. CAMBIO EL ACEITE CADA 100 HORAS O EN CADA ESTACION DE AIRE. USO SAE 10W30 EN EL INVIERNO. CAMBIO EL FILTRO DE ACEITE CADA 200 HORAS.
FOR PERSONAL SAFETY WARNINGS AND DETAILED MAINTENANCE INFORMATION, SEE THE PRODUCT OWNER'S MANUALS. PARA ADVERTENCIAS DE SEGURIDAD PERSONAL, E INFORMACION DETALLADA DEL MANTENIMIENTO, CONSULTE EL MANUAL DEL PROPIETARIO DEL MOTOR.

25 113 27-S - H.D. air cleaner



PRO[®], matte gold on black
25 113 24-S - 1.625" dia.
25 113 25-S - 2.5" dia.

KOHLER COMMAND
• GASEOUS FUEL • OHV DESIGN
• FULL PRESSURE LUBRICATION • HYDRAULIC VALVE LIFTERS

25 113 42-S

WARNING

DO NOT TOUCH SCREEN WITH ENGINE RUNNING.

25 113 33-S

KOHLER
KOHLER COMPANY KOHLER, WISCONSIN USA
REFER TO OWNER'S MANUAL FOR SAFETY, MAINTENANCE SPECS AND ADJUSTMENTS. FOR SALES AND SERVICE IN US/CANADA, CALL: 1-800-544-2444
MODEL NO.
SPEC. NO.
SERIAL NO.

41 037 10-S Write-on w/clear protective overlay

CAUTION
Engine has high-altitude carburetor kit. Do not operate below 4,000 ft. (1,219 m)

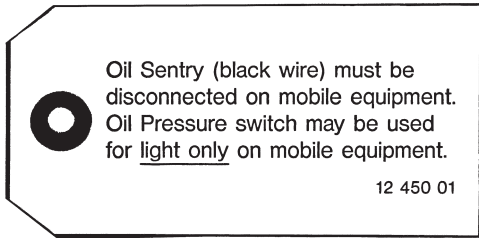
25 113 38-S

POWERED BY KOHLER

25 113 51-S (black on clear)
25 113 50-S (white on clear)

(Note: All labels shown smaller than actual size.)

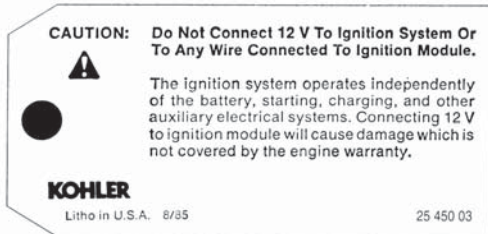
Hang Tags and Cards



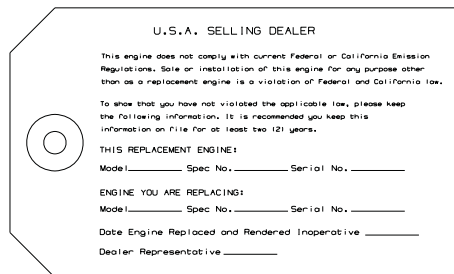
12 450 01-S



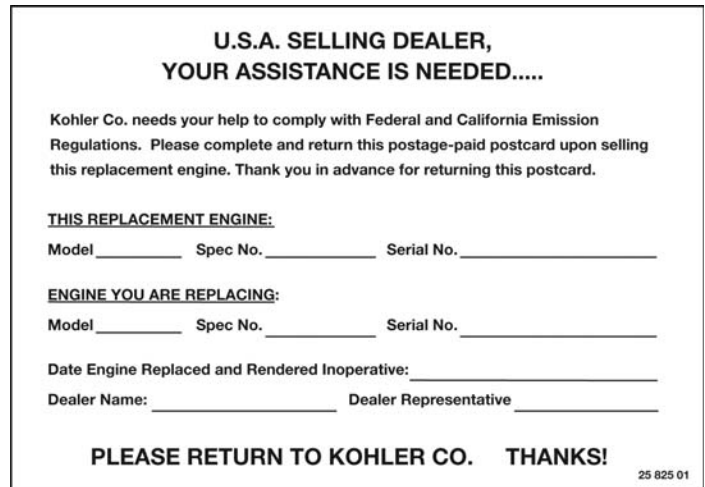
25 450 07-S



25 450 03-S



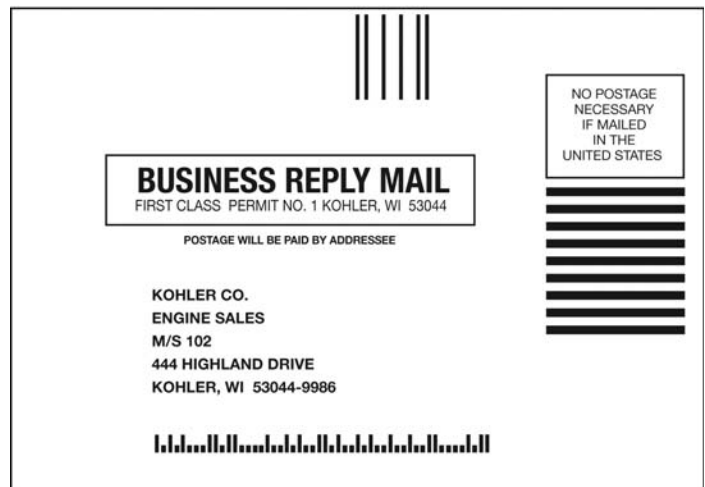
25 450 09-S



Back Side



25 450 05-S



Front Side
 25 825 01-S

(Note: All hang tags shown smaller than actual size.)

KOHLER®

FOR SALES AND SERVICE INFORMATION
IN U.S. AND CANADA, CALL **1-800-544-2444**

KohlerEngines.com

ENGINE DIVISION, KOHLER CO., KOHLER, WISCONSIN 53044

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FORM NO.: 25 800 148 Rev. --

ISSUED: 5/11

REVISED:
