

PROFIT PROGRAMS

# KOHLER ENGINES ACCESSORIES

Maintenance Table  
6.6 Gallons - 25 Liters

**FUEL**

USE ONLY FRESH, UNLEADED  
FUEL WITH A MINIMUM OF 87 OCTANE  
RATING. DO NOT MIX FUEL WITH  
OIL. DO NOT MIX FUEL WITH  
ANTIKnock ADDITIVE. DO NOT  
MIX FUEL WITH WATER. DO NOT  
MIX FUEL WITH OTHER  
FUELS. DO NOT MIX FUEL  
WITH OTHER LIQUIDS.

**KOHLER**  
engines  
BORN TO RUN™

# GENERAL INFORMATION & CONTENTS

Keep your Kohler® engines up to date and running smoothly with Kohler Engine Accessories. Our complete line of accessories offers you the ease of modification while in the field...whenever you want them, whenever you need them.

Whether it's for an OHC, Command PRO, Command, Magnum or K-Series engine, Kohler field-installed accessories assure you top-of-the-line performance and reliability.

Kohler Accessory kits and parts are designed primarily for field installation on basic engines. Installation on other engines is possible, although some accessories and parts may alter the overall dimensions of an engine. Please check the engine application for possible interference.

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### OIL FLOAT SWITCH (OIL SENTRY)

Available on electric start engines only.

Part No.	Circuit	P.S.I. To Activate	Models	Item
25 704 03-S*	Shutdown**	—	M8-16***	1
25 704 04-S*	Warning Light	—	M8-16***	1 (Shown)

### OIL PRESSURE SWITCH (OIL SENTRY)

Available on electric start engines only.

12 704 01-S*	Normally Closed	2-5	CH/CV11-15, M/MV16-20	2
52 704 01-S*	Normally Closed	2-5	CH/CV17-25, M/MV16-20	2
28 704 02-S	Normally Closed	2-6	TH16-18	2

### OIL PRESSURE BYPASS KIT

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

B2 755 25-S	—	—	CH11-15,**** CH/CV17-25, M/MV16-20	3
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\* Kit includes switch, other components and instructions.

\*\* Not for use when angle of operation will exceed 10°. False low-oil warning could occur, causing engine to shutdown.

\*\*\* For tank-side mounting, also order oil pan 47 199 14-S (M10-14) or 45 199 05-S (M16).

\*\*\*\* Kit usable on CH11-15, except with solenoid shift starter.



### OIL DRAIN VALVE KIT

Part No.	Drain Hole	Models
25 755 14-S	3/8-18 NPTF	All Models*

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 TEMPERATURE SENSOR

Part No.	Notes	Model
24 418 01-S	Fits into oil drain hole to signal when temperature exceeds recommended range.	CH/CV17-25*, TH16-18

\* For CV, use on starter side only.



### OIL WARNING LIGHTS

Part No.	Notes	Lead Length	Models
25 704 02-S	Mobile equipment	6"	M8-MV20
25 704 05-S	Non-mobile equipment	6"	M8-MV20, TH16-18
12 704 02-S	'S' or 'ST'	6"	CH/CV11-16
25 352 06-S	Need 15 176 03-S harness	3"	CH5-6
25 352 10-S	—	6.5", 9"	CH18-25

# LUBRICATION

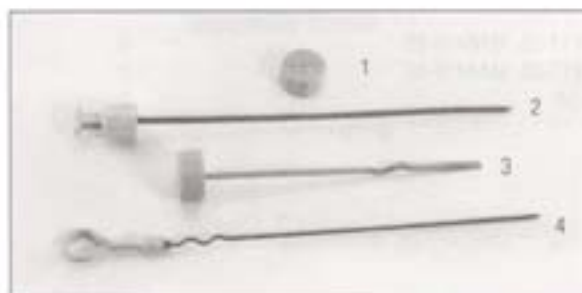
## (All Models)



### OIL COOLER KIT

For engines without oil cooler. Reduces oil sump temperature up to 40° F.

Kit No.	Adapter Material	Models
54 755 14-S*	Phenolic	CH/CV17-25
*Increases engine width on oil filter side by 1.25" (CH18-25) or 0.625" (CV17-25). Not usable on older engines with cast-in oil drip lip beneath filter. For such engines, order the following parts:		
24 594 10-S phenolic oil cooler		24 153 17-S o-ring
24 146 19-S backing plate		24 136 05 oil filter nipple
(2) 24 100 01-S plastic nut		(2) 24 066 12-S hex head screw
24 211 01-S oil filter adapter bolt		24 380 09-S roll pin
24 153 01-S oil pump o-ring		24 029 01-S oil filter adapter
24 041 29-S oil filter adapter gasket		41 037 10-S service nameplate



### YELLOW ACCESSORIES

Part No.	Description	Model	Item
24 755 46-S	Oil Fill Cap Kit*	CH18-26	1
12 038 10-S	Dipstick, bent oil tube	CH11-15	2
12 038 14-S	Dipstick, straight oil tube	CH11-15	2
12 038 02-S	Dipstick, straight oil tube	CV11-16	3
24 038 04-S	Dipstick, straight oil tube	CV17-25	3
24 038 06-S	Dipstick (twist tip), bent oil tube	CH18-26	4

\*Includes cap (12 173 04-S) and o-ring (12 153 03-S). For valve cover on pulse-type fuel pump specs, **not** mechanical pump specs.



### VALVE COVER WITH OIL FILL

To create dual oil fill locations on pulse-type fuel pump specs.

Part No.	Description	Model
24 096 21-S*	Valve Cover, with oil fill**	CH18-25

\*Usable on either valve cover side, except for basic engines which include mechanical fuel pump w/oil fill on filter side.

\*\*Also order 12 153 03-S o-ring (fill cap), 24 153 16-S o-ring (valve cover), and cap (either 12 173 02-S black, or 12 173 04-S yellow).

Note: Standard valve cover is 24 096 22-S, less oil fill.



### OIL FILTERS

Part No.	Models	Item
277233-S	K582	1
52 050 02-S	M18-MV20, KT17-19 Series II, CH11-15, CV11-15 Pro Series	2
12 050 01-S	CV11-16, CH18-25, CV17-22, TH16-18	3
28 050 01-S*	TH16-18	—

\*0.40" shorter than 12 050 01-S, for applications with interference issues.  
Approximately 15% less filter capacity.



### OIL FILTER KITS

Kit No.	Mounting	Oil Line	Models	Item
52 702 04-S*	Engine	—	***M18, KT17 II	1 (Shown)
52 702 02-S*	Engine	—	****M18-20, MV16-20, KT17-19 II	2
52 702 01-S	Remote	23"	M/MV18-20, KT17-19 II	3
24 702 02-S**	Remote	23"	CH/CV11-16, CH/CV17-25, M/MV18-20, K582, TH16-18	3 (Shown)
48 702 01-S	Remote	24"	K582	3

\*Includes 52 050 02-S filter.

\*\*Includes 12 050 01-S filter.

\*\*\*Adds an oil filter and 'Q' ducting to engines without a filter.

\*\*\*\*Adds an oil filter to engines without a filter.



### OIL FILTER BASES (ENGINE-MOUNTED)

Part No.	Position	Extends	Models	Item
24 702 01-S*	Rotatable, 6 positions	3-4"	CH/CV18-22	1
28 702 01-S**	Fixed	—	TH16-18	2

\*Not usable on specs with oil cooler, including CH/CV25.

\*\*For tight fit, is 15/16" shorter than std. filter, slightly less filtering capacity.



# TESTING ITEMS



## TESTING ITEMS

Part No.	Description	Models	Item
270231-S	Oil Gauge (also order 277354-S oil line)	K582	1
24 455 02-S	Ignition Module Tester, fires at 18kV	CH/CV17-25, TH16-18	2
24 761 01-S	Service Tool Kit	CH26 EFI	3
25 449 01-S	Tiny Tach (breaker points)	K91-K582	4
25 449 02-S	Tiny Tach (solid state)	All Magnum & Command	4
25 449 03-S*	Usage Meter/Tachometer (solid state, fasteners)	CH6, CH/CV11-16, CH/CV17-25	5
25 449 04-S*	Usage Meter/Tachometer (solid state, bonding tape)	CH6, CH/CV11-16, CH/CV17-25	5
25 455 01-S	Ignition Tester	All K-Series, Magnum and C6-15	6
25 761 02-S	Water Manometer	All	7
25 761 03-S	Inductance Tachometer	All	8
25 761 04-S	Ammeter Set	All	9
25 761 05-S	Cylinder Leakdown Tester	All	10
25 761 06-S	Oil Pressure Tester	All w/Pressure Lubrication	11
25 761 07-S	Emission Sentry Tester I	CV11-14	12
25 761 08-S	Thread Repair Kit (Metric)	CH6, CH/CV11-16, CH/CV17-25, TH16-18	13
25 761 17-S	Emission Sentry Tester II	CH/CV11-14, All Dual Fuel	12
25 761 18-S	Starter Snap Ring Set	All w/Electric Start	14
25 761 20-S	Regulator/Rectifier Tester	All with 15, 20, 25A Charging	15
25 761 21-S	Spark Advance Module Tester	CV16, CH/CV22 (624cc)-25	16
25 761 22-S	Vacuum/Pressure Test Kit	All Models	17
28 761 01-S	Timing Tool Kit (Timing Belt)	TH16-18	18
28 761 02-S	Valve Removal Kit	TH16-18	19
48 755 18-S**	Ammeter Kit	K582	—
52 362 01-S	Hourmeter	M18-20	20

\*Indicates when to service air cleaner, oil filter, and oil change. Also serves as an hour meter and tachometer. Service intervals are dependent upon environmental factors and not this meter alone.

\*\*Includes round amperes gauge, bracket, hardware.



## OIL, PAINT, SEALANT, LUBRICANT

Part No.	Description	Fl. Size	For	Item
25 357 03-S	SAE 30 Kohler Oil	32 oz.	K-Series, Magnum	1
25 357 06-S	SAE 10W-30 Kohler Oil	32 oz.	Command	1
25 357 10-S	SAE 5W-30 Kohler Oil	32 oz.	All	1
221295-S	Bluegreen Paint	12 oz.	—	2
221300-S	Matte Black Paint	12 oz.	—	2
221306-S	Basic Red Paint	12 oz.	—	2
25 374 01-S	Snow White Paint	12 oz.	—	2
25 374 02-S	Blue Paint	12 oz.	—	2
25 374 07-S	Burgundy Paint	12 oz.	—	2
25 374 08-S	Red Paint	12 oz.	—	2
25 597 04-S	RTV Silicone Sealant Syringe* (Loctite)	10 cc	—	3
52 357 01-S	Lubricant, Inertia Drive Starter	.25 oz.	—	4
52 357 02-S	Lubricant, Solenoid Shift Starter	.25 oz.	—	4

\*25 369 01-S is Replacement Tip.

## ENGINE STORAGE COVERS

Black canvas, elastic skirt, buckle tie-down. Protect against rain and debris when equipment is not in use.

Part No.	Description	Model
25 800 100	Cover, unlined	All*
25 800 101	Cover, heat-resistant liner	All*

\*Designed especially for vertical shaft engines, but usable on horizontals also. Completely covers vertical singles; covers most of vertical and horizontal twins. Shown on horizontal twin.



# IGNITION (All Models)



## R.F.I. SUPPRESSION KIT

Kit No.	Models
24 707 01-S	CH/CV22-25
24 707 02-S	CH/CV17-20



## R.F.I. SUPPRESSION KIT

Kit No.	Models
28 707 01-S	TH16-18



## SPARK PLUGS\*

Part No.	Model
63 132 01-S	CS4-12
12 132 02-S	CH6, CH/CV11-16, CH/CV17-25, CH20-25 LP, TH16-18, TH16-18 LP
12 132 06-S	CH/CV11-26 PRO
25 132 08-S	CH/CV14 LP
28 132 01-S	CH/CV17-25 R.F.I.
28 132 02-S	TH16-18 R.F.I.
52 132 02-S	MV16-20, M18-20, KT17
235041-S	M10-16, K582, K241-K341
41 132 06-S	K91-181, M8
25 132 02-S	M8, M12, K321
235710-S	K301
41 132 02-S	K181, M8, K301, K321

\*These are packaged. Check your owner's manual for the correct plug to use with your specification.



(Kit components may vary.)

## CHARGING SYSTEMS

Part No.	Description	Models
<b>15 Amp</b>		
24 085 01-S	Stator	M8, CH/CV11-16, CH18-25
237878-S	Stator	M10-MV20, K582
47 085 02-S	Stator	TH16-18
25 755 03-S	Reg.-Rectifier Kit*	M8-MV20, K582, TH16-18
25 403 03-S	Reg.-Rectifier	CH18-25
<b>25 Amp</b>		
25 755 07-S	Stator Kit**	M10-MV20, K582, TH16-18
12 085 02-S	Stator	CH/CV11-16, CH/CV17-25
54 755 03-S	Stator/Reg. Rect. Kit	CH/CV17-25
25 755 23-S	Reg.-Rectifier Kit	***
<b>30 Amp</b>		
277063-S	Stator****	K582
277064-S	Reg.-Rectifier	K582

\*Inc. reg.-rectifier, screws (2).

\*\*Inc. stator, screws (4), connectors (2), terminals (2).

\*\*\*Converts old 25 amp regulator/rectifier (25 403 01-S or 25 403 04-S) to new 25 amp regulator/rectifier (25 403 05-S) on all models. (Some specs may require extra parts when upgrading from 15 amp system.) Includes regulator/rectifier, terminals (3), lead, connector block.

\*\*\*\*Requires 48 025 16-S flywheel.





## BREAKER POINT IGNITION KIT

(Converts K Series breakerless ignition to breaker ignition)

Kit No.	Models
237750-S	K241-341

## METAL CHOPPER GRASS SCREEN KITS

Kit No.	Models
28 755 14-S	TH16-18

Replaces plastic screen. Includes plastic stylized guard, along with inserts and insert tool for attaching to blower housing.

Kit No.	Models
12 755 78-S	CV11-16

Replaces plastic screen on recoil start engines. Includes outer-edge guard and blower housing.

Kit No.	Models
24 755 79-S	CH/CV18-25

Replaces plastic screen, or can replace "crowned" metal screen on engines below serial number 25284185567. 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.

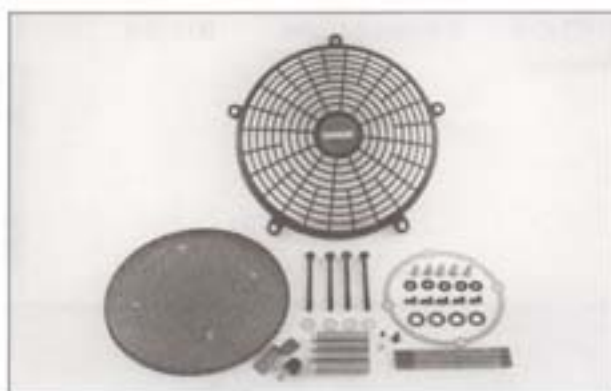
\*For CH18-20/CV18-22, order housing 24 027 28-S. For CH22-25, order housing 24 027 29-S. For CV25, order housing 24 027 42-S.



## ELECTRONIC IGNITION RETROFIT KIT

(Replaces breaker points and condenser)

Kit No.	Ignition Type	Models
25 757 10-S	Magneto	K91-341



# IGNITION (All Models)



## STARTER SOLENOIDS

For engines with keyswitches. Not for use with solenoid shift starters.

Part No.	Description	Models
25 435 01-S	Internally grounded	M8-MV20, CH/CV11-16
25 435 02-S*	Internally grounded	M8-MV20, CH/CV11-16
45 435 07-S	Externally grounded	M12, M16

\*Waterproof



## WIRING HARNESSES

Part No.	No. Leads	Lead Length	Connector	Models
52 155 08-S	2	18"	52 155 04 (F)	Various
52 155 09-S	3	18"	237088 (F)	Various (Shown)
25 155 07-S	5	18"	25 155 06 (F)	Various, TH16-18
25 155 09-S*	5	18"	25 155 06 (F)	
			48 155 01 (M)	
25 176 02-S*	6**	72"	48 155 01 (M)	C11-16, C18-25
			25 155 06 (F)	

\*Includes male (M) and female (F) connectors.

\*\*Includes equipment ground lead for between keyswitch and engine block. Connector and lead wire colors match basic specs.



## SEALED FUSE HARNESS/HOLDER

Part No.	Models
54 755 13-S	All

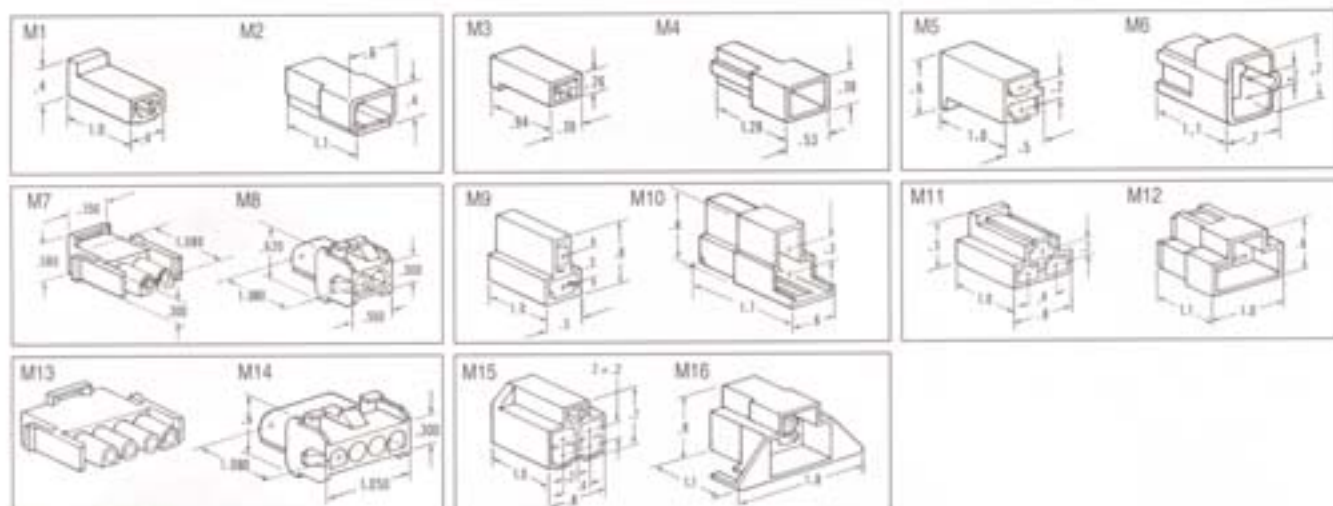
Converts standard harness/fuse holder to a sealed version to prevent moisture, dirt, etc., from penetrating. Ideal for pressure washers or applications in corrosive environment. Includes 30 Amp fuse.



## UNIVERSAL WIRE HARNESS

Part No.	Models
54 755 02-S	CH/CV18-25

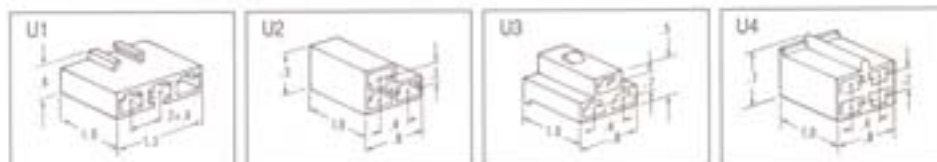
Includes duplex lead, Oil Sentry lead, 15 Amp B+ lead, 25 Amp B+ lead, wire harness with 236602-S connector, terminals (2), and instructions/diagram.



## 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	Item 4
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

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



## UNMATED (U) CONNECTORS

Description	Connector Part No.	Connector Item	Uses Female Terminal (See Below)
3 Wire	236602-S	U1	Item 5, 6
3 Wire	237429-S	U2	Item 5, 6
3 Wire	52 155 06-S	U3	Item 5, 6
4 Wire	41 155 02-S	U4	Item 5, 6



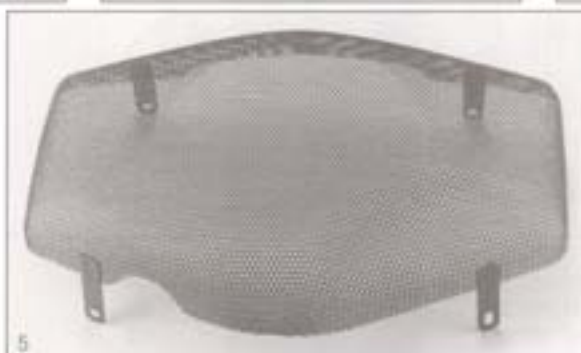
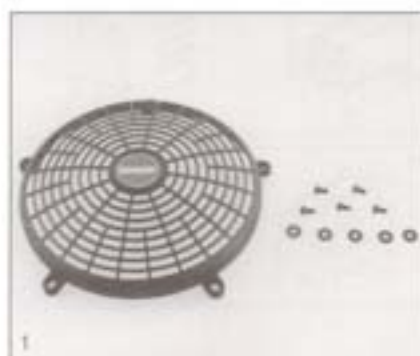
## TERMINALS

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

Type	Code
F.I.F. = Fully Insulated Female	S = Straight push on tab
F.I.M. = Fully Insulated Male	F = Flag push on tab
L.F. = Locking Female	U = Uninsulated
L.M. = Locking Male	
M = Male	



# GUARDS/BAFFLES/BLOWER HOUSINGS (All Models)



## FIXED GUARDS (MEET EUROPEAN SAFETY STANDARDS)

Model	Plastic, Stylized 1	Wire, Deep 2	Tool 3	Wire, Std. 4	Metal, Mesh 5	Metal, Recoil 6
K582	—	—	—	48 755 35-S	—	—
M8	—	—	—	41 755 28-S	—	—
M10-16	25 755 16-S	—	—	47 755 37-S**	—	—
M10-16	—	—	—	12 755 44-S***	—	12 755 48-S***
MMV16-20	—	—	—	82 755 04-S	52 162 24-S	—
CH/CV11-16	12 755 65-S	—	24 455 01-S	12 755 44-S	—	12 755 48-S
CH/CV17-25	24 755 81-S*	24 755 94-S*	24 455 01-S	—	—	—
TH16-18	24 755 81-S*	—	—	—	—	—

\* Guard kits 24 755 81-S and 24 755 94-S include threaded inserts (24 332 01-S) to attach guard to existing blower housing. Tool 24 455 01-S must be ordered separately to install the inserts. It is reusable. If engine has a metal grass screen, then only guard kit 24 755 94-S should be used. It closes the gap to provide better "finger probe" protection. In addition, guard 24 755 94-S is required in open applications (mowers, etc.) to protect the metal screen from potential damage.

\*\* Prior to serial number 2027703823.

\*\*\* Starting with serial number 2027703823.



## DUCTED AIR KIT

Kit No.	Description	Model
24 755 14-S	Ducted Air Kit	CH18-25



## RAISED HEAD BAFFLE KIT

Kit No.	Description	Model
237419-S	Baffle Kit	K241, 301 (Spec A & B)

# GUARDS/BAFFLES/BLOWER HOUSINGS

## (All Models)

### BLOWER HOUSING ACCESSORIES

Kit No.	Description	Model
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24 755 90-S	Round Plug (2)	CH/CV17-25, TH16-18
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Ideal for blowing out accumulated debris behind blower housing. Kit includes instructions for cutting holes in blower housing, along with plugs (2) for covering holes after removing debris.



Kit No.	Description	Model
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25 755 20-S	Matte Black Panel (2)	CH/CV17-25, TH16-18
25 755 21-S	Zinc Dichromate Panel (2) (shown)	CH/CV17-25, TH16-18

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, mounting clips and screws.



Part No.	Description	Model
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24 096 17-S	Triangular Plug (1)	CH/CV17-25
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Plugs the triangular hole in the blower housing underneath the air cleaner. Two required.



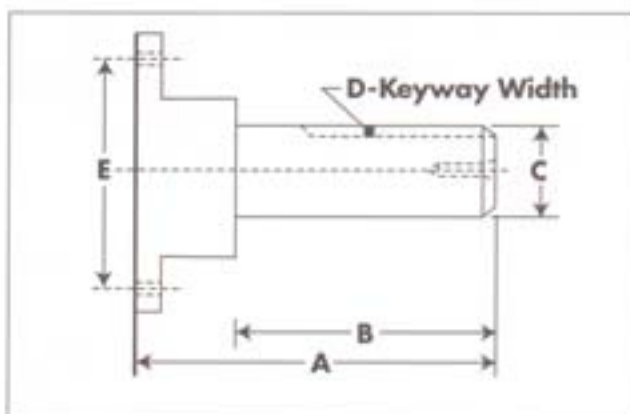
Part No.	Description	Model
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52 139 06-S	Oval Plug (1)	K, Magnum
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Plugs the oval hole in top of blower housing when converting from an air cleaner system which uses a rubber inlet tube, to one that does not.



# FRONT DRIVE SHAFTS (All Models)



**FRONT DRIVES (Dimensions in inches)**

Part No.	A	B	C	D	E	Hardware Required	D & T	Model*
41 144 01-S	2.81	1.56	0.75	.188	2.188	See Below	—	M8
52 144 19-S	4.66	2.53	1.0	.25	3.0	See Below	1/16	M10-20, CH11-15, TH16-18
235954-S	3.48	1.44	1.0	.25	3.0	See Below	1/16	M10-20, CH11-15, TH16-18
237350-S	4.66	2.41	1.125	—	3.0	See Below	—	M10-20, CH11-15, TH16-18
47 144 01-S	3.88	1.75	1.125	.25	3.0	See Below	1/16-20	M10-20, CH11-15, TH16-18
47 144 09-S	3.88	1.75	1.0	.25	3.0	See Below	1/16-20	M10-20, CH11-15, TH16-18
52 144 07-S	3.80	1.80	1.0	.25WD	3.0	See Below	—	M10-20, CH11-15, TH16-18
24 755 05-S	7.00	1.44	1.0	.25	3.0	See Below	1/16	CH18-25, TH16-18
24 755 06-S	7.00	1.76	1.0	.25	3.0	See Below	1/16-20	CH18-25, TH16-18
24 755 07-S	7.00	1.80	1.0	.25	3.0	See Below	—	CH18-25, TH16-18
24 755 08-S	7.00	2.53	1.0	.25	3.0	See Below	1/16	CH18-25, TH16-18
24 144 13-S	6.40	2.53	1.0	.25	3.0	See Below	1/16	CH18-25, TH16-18
24 144 16-S	5.35	2.53	1.0	.25	3.0	See Below	—	CH18-25, TH16-18
24 144 17-S	4.00	1.93	0.7**	.188WD	3.0	See Below	—	CH18-25, TH16-18
24 144 22-S	6.20	2.60	1.125	.25	3.0	See Below	—	CH18-25, TH16-18
24 144 23-S	4.84	2.82	1.0	.25	3.0	See Below	1/16	CH18-25, TH16-18
24 144 25-S	5.51	2.17	1.0	.25	3.0	See Below	—	CH18-25, TH16-18
28 144 05-S	5.28	3.07	1.125	.25	3.0	See Below	—	TH16-18
48 144 13-S	4.50	3.22	1.125	.25	3.625	See Below	1/16-20	K582
48 144 06-S	3.875	2.69	1.25***	.156	3.625	See Below	1/16-24	K582
277637-S	4.50	3.22	1.25	.25	3.625	See Below	—	K582

\* On CH11-15, consult factory.

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

\*\*\* Tapered shaft (3" per foot)

WD = Woodruff Key

## Required Hardware

K582 (4) X-159-2-S Screw

M8 (3) X-132-4-S Screw

M10-20 (4) X-159-2-S Screw

CH11-15 (2) X-22-2-S Washer, (2) M-1053030-S Screw

CH18-25 (4) M-839025-S Screw (included in -755 kits)

TH16-18 (4) M-839025-S Screw

## GRASS SCREENS WITH HOLE FOR FRONT DRIVES

When adding front drive, also order grass screen w/hole. If changing from plastic screen to metal, also order blower housing. For CH18-20/CV17-22, order 24 027 28-S. For CH22-25, order 24 027 29-S. For CV25, order 24 027 42-S. Must also order write-on nameplate 41 037 10-S if changing blower housing.

Part No.	Type	Hole Dia. (In.)	Hardware Required To Attach New Screen	Model
41 162 11-S	Plastic	2.62	25 086 14-S Screw, 25 431 01-S Sleeve	M8
47 162 18-S	Plastic	2.27	(4) 47 086 08-S Screw	M10-16
25 162 03-S	Plastic	2.27	None	M18-20
48 162 02-S	Metal	2.50	(4) 47 086 08-S Screw, (4) X-25-52-S Washer	K582
12 162 03-S	Plastic	2.56	None	CH11-15
24 162 18-S	Plastic	1.42	(4) M-639016-S Screw, (4) 12 112 01-S Spacer	CH18-22
24 162 18-S	Plastic, Hi-Eff.	1.77	None	CH18-25, TH16-18
24 162 22-S	Metal*, Flat	1.57	None*	CH18-25, TH16-18
24 162 23-S	Metal*, Flat	2.95	None*	CH18-25, TH16-18
24 162 24-S	Metal*, Flat	2.46	None*	CH18-25, TH16-18

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



## ROPE START PULLEY KITS

Kit No.	Model
41 755 18-S	K181
41 755 19-S	M8
47 755 28-S	K241-341
47 755 29-S	M10-16 (Shown)
52 755 59-S	M18-20
12 755 46-S	CH11-15



## RECOIL START KITS

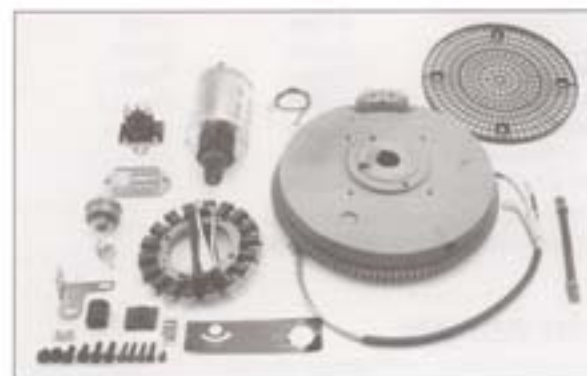
Kit No.	Model	Notes
46 755 02-S	K91	Requires 220220 blower housing
41 755 01-S	K181	
237692-S	K241-321	Requires 235693 blower housing
237692-S	K341	Requires 235901 blower housing
A-237251-S	K241-341	Includes stationary screen
41 755 26-S	M8	
47 755 03-S	M10-16	Engines prior to sheet metal starter
47 755 47-S	M10-16	Engines after sheet metal starter
12 755 47-S	CH/CV11-16 (Shown)	(*See below for filter.)
28 755 05-S	TH16-18	Includes starter assembly, blower housing, camshaft assy. (2), valve cover gasket (2), hardware and instructions.

\*Foam filter 12 050 02-S is available to cover the CV11-16 recoil housing ... to filter incoming air.



## ELECTRIC START KITS

Kit No.	Model
41 749 01-S	K181
47 749 03-S	K241-341
41 749 02-S	M8
47 749 04-S	M10-16 (Shown)
12 749 02-S	CH11-15
12 749 03-S	CV11-16 (Excludes wire harness which customer must supply due to variations.)



## ELECTRIC CORD, 10'

Part No.	Model
12 127 01-S	CV11-16



# FUEL

## (All Models)



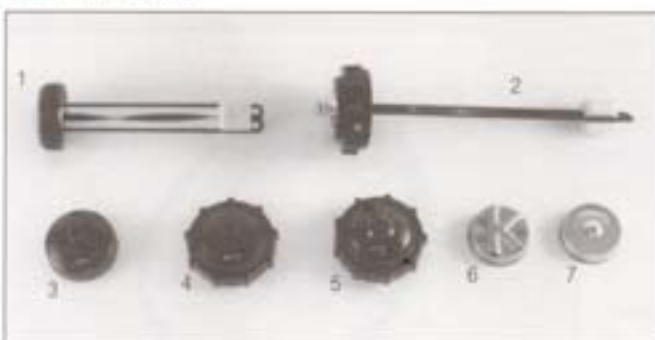
### FUEL TANK KITS

Kit No.	Tank Mounting	Tank Material	Tank Size (Gal.)	Includes Cap	Model	Item
221277-S	Engine	Metal	.67	236655-S	K91	1
234996-S	Engine	Metal	1.50	236655-S	K181	1
41 760 01-S (Side)	Engine	Metal	.90	220956-S	K181	1 (Shown)
237690-S (Side)	Engine	Metal	1.50	236655-S	K241-341	1
237691-S (Top)	Engine	Metal	2.00	236655-S	K241-341	1
28 760 01-S	Engine	Plastic	1.70	15 173 02-S	TH16-18	2
41 755 29-S*	Engine	Plastic	1.06	25 173 03-S	M8	3
47 755 39-S*	Engine	Plastic	1.06	25 173 03-S	M10-16	3
12 760 01-S*	Engine	Plastic	1.25	25 173 08-S	CH11-15	3
15 755 17-S*	Engine	Plastic	.75	15 173 02-S	CH6	4
52 755 79-S**	Remote	Plastic	6.6	25 173 05-S	All	5

\*Also include kit components, not shown.

\*\*Also includes hose, connectors and cap.

### FUEL TANK CAPS



Part No.	Gauge Length	Cap Size Opening	Model	Item
41 173 03-S	6.5"	1.75"	M8	1
41 173 04-S	3.5"	1.75"	M8 top tank	1
41 173 07-S	3.5"	1.75"	M8 top tank	1
47 173 03-S	6.75"	1.75"	M10-16	1
47 173 04-S	6.75"	1.75"	M10-16	1
25 173 04-S	9.25"	2.281"	Tank 52 755 45	2*
25 173 05-S	6.625"	2.25"	Tank 52 755 79	2*
25 173 03-S	—	1.75"	K181-341/M8-16	3**
15 173 02-S	—	2.25"	CH6, TH16-18	4**
25 173 08-S	—	2.25"	CH11-15	5***
220853-S	—	1.75"	K181 ("K")	6
220956-S	—	1.75"	K181	7
236655-S	—	1.75"	K181	7****

\* Vent knob (adjustable)

\*\* Vent knob (non-adjustable)

\*\*\* Vent hole

\*\*\*\* Same as 220956-S except without plastic baffle.

## ELECTRIC FUEL PUMPS

Kit No.	Model	P.S.I. at 0 Delivery	Self-Prime Lift	Total Column
25 559 01-S*	All except CH6	0.5-2.0	12"	6'
41 393 45-S	K, Magnum	2.0-3.5	8"	8-10'

\*Kit includes all items shown. Pump is virtually identical in appearance to 41 393 45-S but has a red dot on cover, as shown.



## PULSE FUEL PUMPS

Part No.	Model	Item
24 393 16-S	CH/ CV17-25	1
15 393 01-S	CH6	2



## MECHANICAL FUEL PUMPS

Model No.	Metallic	Non-Metallic	Item
K181/M8	C-230361-S, B231390-S, A-231796-S	41 559 01-S, 41 559 02-S	1
K241-341/M10-16	A-235807-S, A-235845-S, A-236205-S	47 559 01-S, 47 559 02-S, 47 559 04-S, 47 559 05-S	1
K582	A-277539-S	48 559 01-S, 48 559 02-S	1
M/MV18-20	—	52 559 01-S	1
CH/ CV11-16	—	12 559 01-S	1
TH16-18 (Std.)	—	28 559 02-S (integral valve cover)	2
CH18-25	—	24 559 02-S* (integral valve cover)	3

\*For #2 cylinder side (oil filter side) only. Also order 24 755 66-S Valve Train Kit for engines below serial number 2520800017. Kit converts engine to current cylindrical pivot rocker arm.

Note: Available separately is valve cover 24 393 13-S, with opening for mech. fuel pump but less oil fill. Valve cover 24 096 21-S with oil fill only (no pump) can then be ordered for #1 cylinder side (starter side).



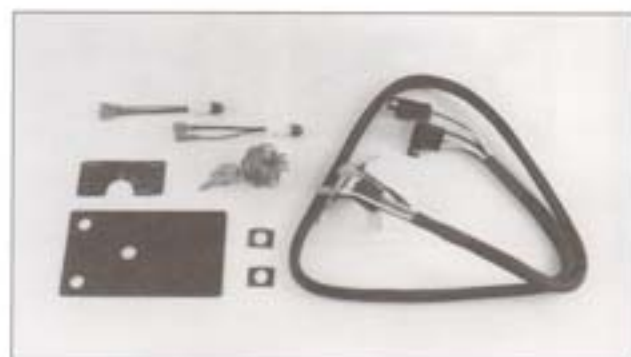
# FUEL

## (All Models)



### CONVERSION TO FUEL SHUTDOWN CARBURETOR

Kit No.	Description	Model
52 853 33-S (shown)	Solenoid Shutdown Kit	M18 w/panel
52 853 34-S	Solenoid Shutdown Kit	M20 w/panel
52 853 35-S	Solenoid Shutdown Kit	MV16-20



### EMISSION SENTRY PANEL (II)

Kit No.	Description	Model
12 755 75-S	Emission Sentry Panel Kit	CH/CV11-14

Includes "power on" and "fault" indicator lights, keyswitch, 4' harness and mounting bracket. Allows easy hook up to engine harness. For Emission Sentry II only.

## FUEL FILTERS

Part No.	Inlet Hose I.D.	Micron	Shell Length	Model
24 050 02-S	1/4"	15	2.3"	CH/CV17-25 (std.) PRO & Non-PRO
24 050 03-S	3/8"	8-10	3.54"	CH26 EFI
24 050 05-S	3/4"	15	2.4"	CH/CV17-25 PRO & Non-PRO
25 050 02-S	3/4" or 1"	75	1.0"	CH11-15 non-PRO
25 050 03-S*	1"	51	2.125"	TH16-18, CH/CV11-15 PRO

\*Large filter can be used on CH11-15 non-PRO by ordering fuel line 25 353 14-S between filter and pump.



## IN-LINE FUEL FILTER KIT

Kit No.	Includes	Model
52 755 75-S	In-line filter, fuel line (1/2" I.D. x 14.5"), (4) hose clamps, (2) cable clips.	MV16-20 and also adaptable to other models



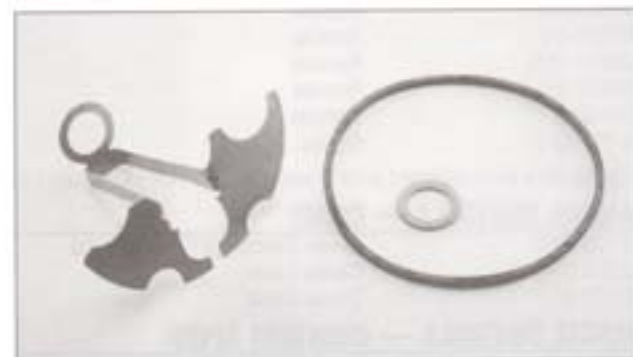
## 3-WAY FUEL VALVE KIT

Kit No.	Length Fuel Line	Model
41 755 13-S	1/2" I.D. x 5.5"	All
	1/2" I.D. x 9.0"	
	1/2" I.D. x 12.5"	



## BOWL VENT BAFFLE KIT

Kit No.	For	Model
25 757 22-S	1/2" Walbro carburetor	K91-181, M8
25 757 23-S	1" Walbro carburetor	K241-321/M10-14, KT17-19, M18-20, MV16-20



# CONTROLS (All Models)



## SOLENOID-OPERATED CONTROLS (12 DC VOLTS)

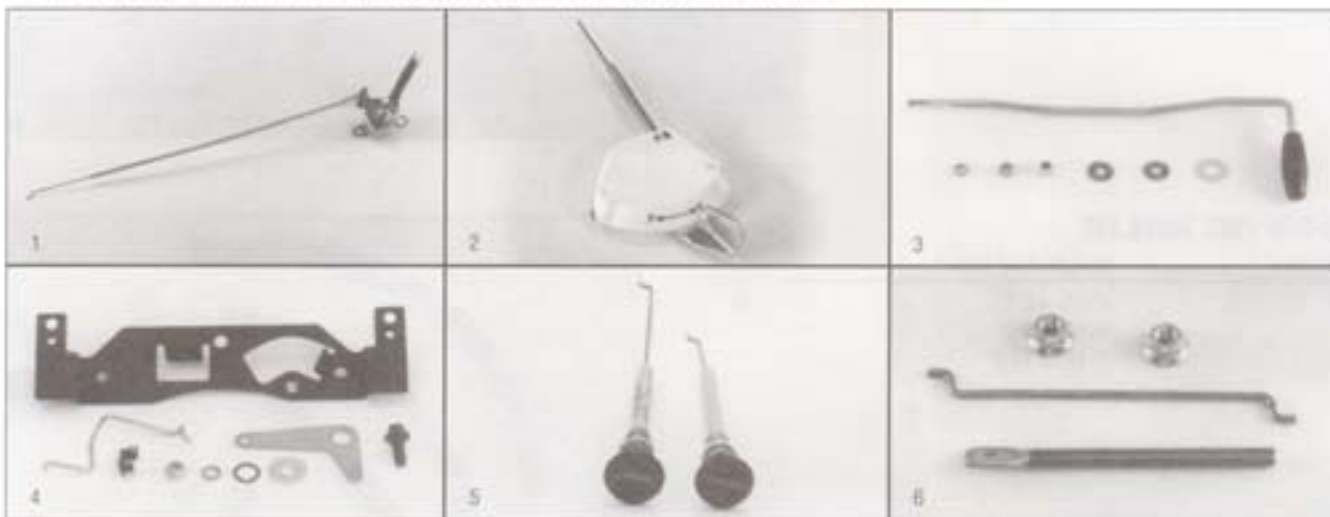
Kit No.	Description	For Engines With	Models	Item
24 755 100-S	Idle Kit*	Constant Speed	CH18-25****	1 (Shown)
28 755 31-S	Idle Kit*	Constant Speed	TH16-18	1
28 755 24-S	Choke Kit	Constant Speed	TH16-18**	1
24 755 101-S	Throttle/Choke Kit***	Constant Speed	CH18-25****	2

\* When voltage is applied to solenoid, engine speed is "low idle." When voltage is removed, engine speed is "high idle."

\*\* Use alone or in conjunction with 28 755 31-S. Also order 48 755 39-S push button/momentary switch.

\*\*\* Allows start-up to constant high speed from remote equipment (lift platform, etc.).

\*\*\*\* Mounting bracket will interfere with manifolds on CH18-25 side mufflers. Also 24 164 04-S crossover manifold.



## MANUAL CONTROLS — THROTTLE

Part No.	Description/Mount Type	Cable Length	Models	Item
225011-2-S	Remote	41-51"	All	1
225011-6-S	Remote	60-72"	All	1
225011-7-S	Remote	12-40"	All	1
225011-16-S	Remote	96"	All	1
230326-1-S	Remote	15"	All	1
235160-S	Remote	5.625'	All	2
24 755 48-S*	Engine	—	CH18-25	3

\*Components were standard prior to serial no. 300940011, replaced by new throttle/choke controls kit 24 755 106-S.

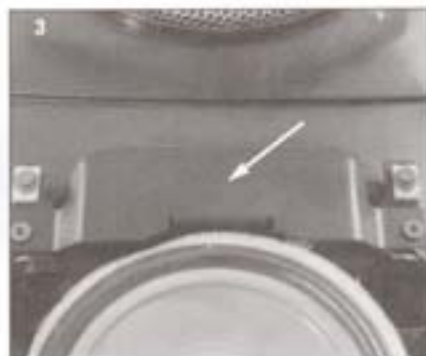
## MANUAL CONTROLS — CHOKE

24 755 95-S	Choke Control Kit (Top Controls)	—	CV17-25 Com. Mowers	4
52 225 01-S	Choke Cable	7.47"	MV18-20	5
52 225 02-S	Choke Cable	5.41"	MV18-20	5

## MANUAL CONTROLS — CONSTANT SPEED

28 755 12-S	Constant Speed Kit		TH16-18	6
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## TAMPER-RESISTANT CONTROL KITS

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

Kit No.	For Model	When Models Are Equipped With	Note	Item
None	CH/CV11-16	Standard Controls	A	—
12 755 71-S	CV11-16	Dual Controls	B	(Shown) 1
15 755 18-S	CH6	Standard Controls	C	1
28 755 25-S	TH16-18	Standard Controls	C	1
24 755 93-S	CH/CV18-25	Standard controls	D	2
24 755 97-S	CV18-25	Top controls	D	3

A — Engines with serial number 2527814194 and higher are tamper-resistant upon leaving the factory. To retrofit older engines, order (2) M-0664020-S TORX screws to replace the hex head screws on the controls bracket.

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

C — Includes cover and (2) TORX screw for attachment to controls bracket.

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

## DEBRIS COVER

Part No.	Description	Model
24 063 32-S	Debris Cover	CH18-25

Sheet metal cover protects against debris buildup over controls. Uses existing screws. Compatible with various dipsticks and mufflers, including "QS" ducting.



# CONTROLS (All Models)



## INSTRUMENT PANELS

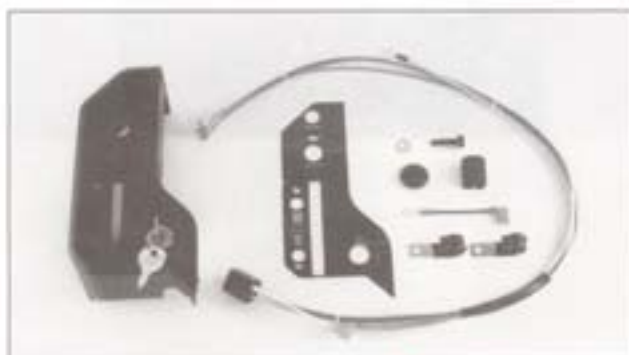
Part No.	Description	Includes	Model	Item
B-238016-S	Panel	Ignition switch, starter button, regulator	K181	1
45 378 02-S	Panel	Ignition switch, starter button	K241-341	1
48 755 28-S	Panel Kit	Throttle/choke controls, oil pressure/amp gauges, starter button	K582	—
48 755 29-S	Panel Kit	Throttle/choke controls, oil pressure/amp gauges, key switch	K582	2
41 178 04-S	Panel	Panel	M8	3
47 126 43-S	Panel	Panel w/bracket	M10-16	4
52 755 60-S	Panel Kit	Throttle/choke controls, key switch, solenoid, bracketry, decal	M18-20	—



## KEY SWITCHES

Part No.	Description	Model	Item
52 099 02-S	Switch & Key	K, KT (Battery)	1
25 099 04-S	Switch & Key	All (Magneto)	1
48 340 01-S	Keys (2) Only	All	2
28 749 01-S	Switch Kit	TH16-18 Starter Side	*
28 749 02-S	Switch Kit	TH16-18 Filter Side	*

\*Kit components pictured below.



## IGNITION SWITCH KITS\*

Part No.	Description	Model
28 749 01-S	Starter Side	TH16-18
28 749 02-S	Filter Side (Shown)	TH16-18

\*Included in Control Kits at right.



## ENGINE-MOUNTED CONTROL KITS\*\*

Part No.	Description	Model
28 711 01-S	Starter Side	TH16-18
28 711 02-S	Filter Side (Shown)	TH16-18

\*\*Includes Switch Kits at left, plus throttle, choke and low-oil light.

# CYLINDER/VALVES (All Models)

## HIGH TEMPERATURE CUTOUT

Kit No.	Cutout Range	Reset	Model
25 703 01-S	465-495°F	445°F	K241-341/M10-16 M/MV16-20 KT17, 19 K582

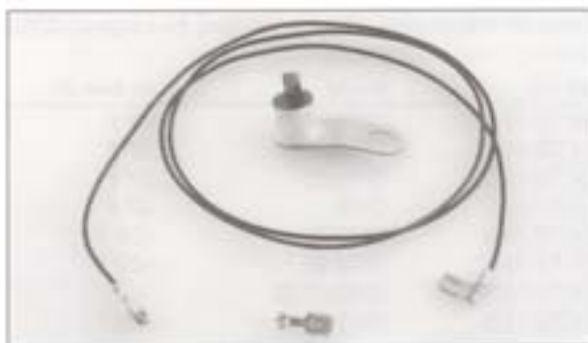
Includes instructions to remove portions of cylinder head fins for proper clearance.



Kit No.	Cutout Range	Reset	Model
12 703 01-S	346-360°F	310°F	CH/CV11-16



Kit No.	Cutout Range	Reset	Model
24 703 01-S	440-490°F	415°F	CH/CV17-25

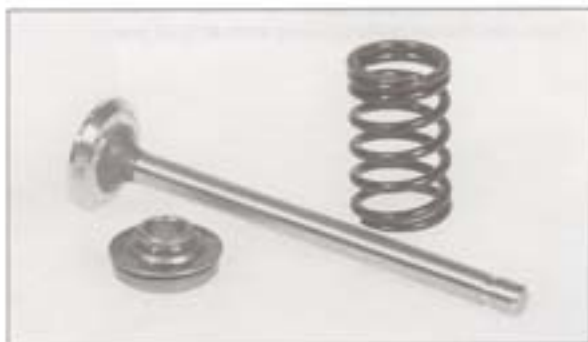


## EXHAUST VALVE KITS

Kit No.	Model
46 755 18-S	K91
41 755 16-S	K181
47 755 25-S	K241, K301
48 755 25-S	K582
52 755 39-S	KT17, KT19

Note: Stellite® valves are standard on Magnum, Command and K321, K341, KT17-19 Series II.

Note: Do not use rotators on LP gas applications.





# AIR INTAKE (All Models)



## ANTI-ICING KITS

These kits may be used without jeopardizing their engines' CARB/EPA certification. However, customers **MUST** follow the instructions included with each kit to ensure compliance.

Kit No.	Model	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	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	20° F	For side mufflers	Manifold	2
24 755 82-S	CH18-25	-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/CV17-25	—	Not for comm'l. mowers	—	4
54 755 17-S	CV17-25	-20° F	Breather valve system for snowthrowing applications only.	—	—

\*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.

# AIR INTAKE (All Models)



## ELEMENTS/PRECLEANERS

Style	Element (Photo A)	U.L. Element Equivalent	Inner Element (Photo B)	Precleaner (Photo C)	Model
1	231847-S	—	—	234869-S	K181, M8
1	230840-S	—	—	234870-S	K91, K141-161
1	235116-S	47 083 02-S	—	237421-S	K181, K241-321, M8, M10-14
1	47 083 02-S	—	—	41 083 04-S	K181, M8
1	277138-S	—	—	277593-S	K582
1	45 083 02-S	52 083 04-S	—	45 083 01-S	K341, M10-16, M18-20*, MV16-20*, KT17-19*, CV17-25* (Com. mowing)
1	47 083 01-S	47 083 04-S	—	52 083 01-S	M18-20, KT17-19, CH11-15
4	63 083 03-S	—	—	63 083 04-S	CS4-6
4	63 083 01-S	—	—	63 083 02-S	CS8.5-12
1	15 083 06-S	15 083 12-S	—	234870-S	CH6
2	12 083 05-S**	12 083 15-S**	—	12 083 08-S	CV11-16 (Std)
2	12 083 10-S**	12 083 13-S**	—	12 083 12-S	CV11-16 (Tall)
1	47 083 03-S	24 083 08-S	—	24 083 02-S	CH/CV17-22 (Std 624cc), CH/CV22 (Std 674cc), CH/CV25 (Std)
1	24 083 03-S	24 083 09-S	—	24 083 05-S	CH/CV17-22 Metal H.D. A/C
5	24 083 07-S	—	—	—	CH18-25 Plastic H.D. A/C
5	25 083 01-S	—	25 083 04-S	—	TH16-18 (Std)
3	28 083 03-S**	—	—	28 083 02-S	TH16-18 (Top tank)
1	28 083 04-S	—	—	28 083 06-S	TH16-18 Plastic H.D. A/C
5	25 083 02-S	—	25 083 03-S	—	

Notes: Precleaner not recommended for "QS" type engines with tear-drop shape air cleaner.

\* For dome-style air cleaners.

\*\* Includes element and rubber seal.



## 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	Model	Item
25 755 18-S	Remote*	Air cleaner base plate or heavy-duty air cleaner elbow.	CH/CV11-25, TH16-18, most K/Magnum	1
25 755 24-S •	Direct**	Heavy-duty air cleaner elbow	CH18-25 TH16-18	2 3

\*Not usable on TH16-18 with fuel tank. Includes 10' hose, adhesive-backed, brass fittings, instructions.

\*\*Includes brass fittings, instructions.

# AIR INTAKE (CH11-15)



## FUEL RECOVERY/SPITBACK CONTROL SYSTEM

Kit No.	Description	Model
12 755 84-S	Fuel Recovery/Spitback Control Kit	CH11-15

Prevents fuel spitback and oil mist from affecting air cleaner element, or allowing residue to drip off air cleaner base. Engines built after serial number 2721720234 include this system.



## PLENUM DOME COVER KIT

Kit No.	Snorkel O.D.	Hose Clamp Surface	Model
12 743 10-S	1.75"	.625"	CH11-15

**Note:** May attach to customer-supplied remote-mount air cleaner or pre-cleaner 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	Model
12 743 09-S	Seal Retrofit Kit	CH11-15

For engines before Serial #2519500004. Seal replaces loose washer and grommet in cover plate.



Part No.	Description	Model
12 096 41-S	Air Cleaner Cover (w/multi-lingual maintenance instructions)	CH11-15

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





**OLD STYLE AIR CLEANER**

Filter sat inside integral base w/walls; lid provided closure. Debris removal was difficult.



**NEW STYLE AIR CLEANER**

Filter is exposed when integral lid w/walls is removed, making debris removal easy.



## AIR CLEANER RETROFIT KITS

Kit No.	Description	Includes Filter	For Spec.	Item
12 743 02-S	Converts old style to new style	Large*	A	1
12 743 03-S	Converts new style/std. filter to new style/large filter.	Large*	B	2
12 743 04-S	Similar to -02-S, except cover has opening to line up with opening in blower housing.	Std.	C	3
12 743 05-S	Similar to -02-S, except cover has opening to line up with opening in blower housing, baseplate has no notches, and filter is U.L. approved. (Absence of notches causes more air to be drawn from around recoil housing.	Std.	D	4

A — Basic T, basic ST, commercial mowers.

B — Pro Series T/ST after serial #2404917244, Pro Series S after serial #2424505854.

C — Basic S, lawn tractors.

D — Applications requiring more air drawn from around recoil housing.

\*Large capacity filter is 20% greater than std. filter.

# AIR INTAKE (CH18-25)



## HEAVY-DUTY AIR CLEANER KITS — COMMAND

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.

Kit No.	Description	Includes	Use With	Model	Item
24 743 20-S	Carburetor Elbow/Adapter Kit	A	AA	CH18-22 (624cc)	1
24 743 25-S	Carburetor Elbow/Adapter Kit	A	AA	CH22 (674cc)	1
24 743 21-S	Carburetor Elbow/Adapter Kit (shown)	A	AA	CH25 (725cc)	1
24 743 22-S	Air Cleaner Kit (90° canister elbow)*	B	BB	CH18-25	2
24 743 23-S	Air Cleaner Kit (Straight canister elbow)**	C	BB	CH18-25	—
25 755 24-S	Filter Minder Kit (Elbow mounted***)	D	AA	CH18-25	3
25 755 18-S	Filter Minder Kit (Remote mounted****)	E	AA	CH18-25	—

\*Typically used for engine-mounted configuration (as shown).

\*\*Typically 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 "ELEMENTS/PRECLEANERS" page for description.)

\*\*\*\*Attaches to any remote location (front of engine, application, etc.). (See "ELEMENTS/PRECLEANERS" page for description.)

Kits include instructions plus:

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

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

C - Air cleaner canister, hood, 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 Kits 24 743 22-S or 23-S ... or customer-supplied air cleaner, which must be Kohler approved for CARB/EPA.

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

## AIR CLEANER BASE/BREATHER KIT

Kit No.	Description	Model
24 755 86-S	Base/breather kit	CV17-25

Note: Breather system for models with accelerator pump carburetor.

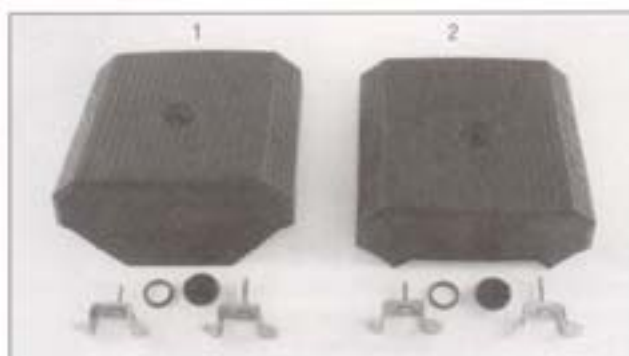


## AIR CLEANER COVER KITS — STANDARD

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

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

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



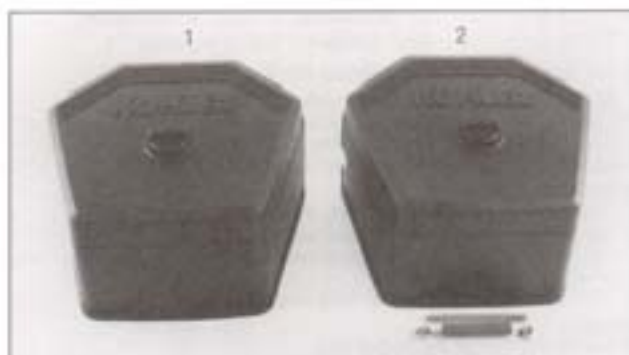
## AIR CLEANER COVER KITS — COMMERCIAL MOWER

Kit No.	Model	Item
24 743 11-S*	CV17-25	1
24 743 17-S**	CV17-25	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	Model
54 755 01-S	Knob Kit	CH/CV17-25, TH16-18*

\*If used on TH16-18, only knob is required.





# AIR INTAKE (TH16-18)



## HEAVY-DUTY AIR CLEANER KITS — OHC

Complete, engine-mounted configuration (items 1 and 2 together) is CARB/EPA certified. Any remote-mounting configuration (item 1 plus remote-mounted air cleaner), must be Kohler approved for CARB/EPA.

Kit No.	Description	Includes	Use With	Item
28 743 14-S	Carburetor Elbow/Adapter Kit	A	AA	1
28 743 16-S	Air Cleaner Kit (90° canister elbow)*	B	BB	2
28 743 17-S	Air Cleaner Kit (Straight canister elbow)**	C	BB	—
25 755 24-S	Filter Minder Kit (Elbow mounted***)	D	AA	3
25 755 18-S	Filter Minder Kit (Remote mounted****)	E	AA	—

\*Typically used for engine-mounted configuration (as shown).

\*\*Typically 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 "ELEMENTS/PRECLEANERS" page for description.)

\*\*\*\*Attaches to any remote location (front of engine, application, etc.). (See "ELEMENTS/PRECLEANERS" page for description.)

Kits include instructions plus:

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

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

C - Air cleaner canister, hood, 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 Kits 28 743 16-S or 17-S.

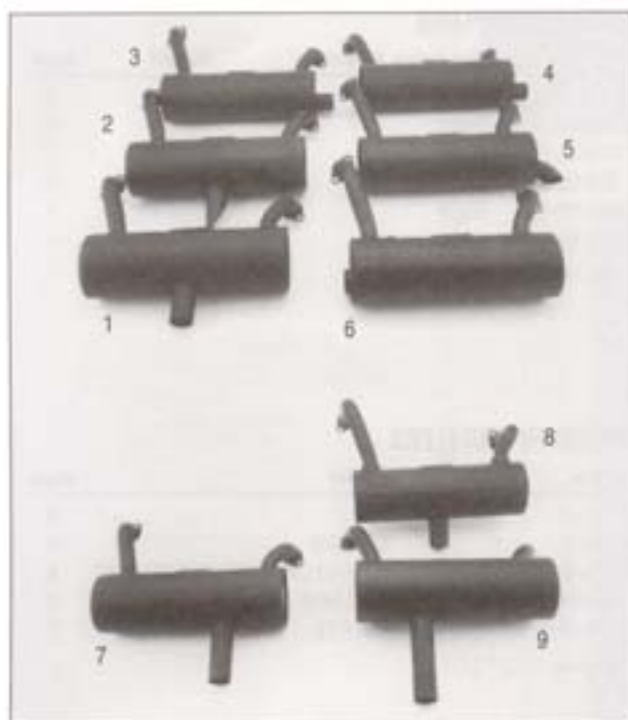
BB - Carburetor Elbow/Adapter Kit 28 743 14-S . . . or customer-supplied air cleaner, which must be Kohler approved for CARB/EPA.



## KNOB REPLACEMENT KIT

Kit No.	Description	Models
54 755 01-S	Knob Kit	TH16-18, CH/CV18-25

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



## M18-20 CANISTER MUFFLERS

Part No.	Centerline** Height	Exhaust Direction*	Outlet O.D.	Item
◀ 52 068 05-S 2 3/4"		Middle w/duckbill outlet	1.375"	2
◀ 52 755 86-S 1 3/4"		Middle	1.375"	1
◀ 52 068 08-S 1 3/4"		Right of center, down 75°	1.365"	Not Shown
◀ 52 068 11-S 1 3/4"		Left of center, down 23°	1.375"	9
◀ 52 755 87-S 2 3/4"		Right end of canister, w/duckbill outlet	1.375"	5
◀ 52 755 88-S 2 3/4"		Left end of canister	1.50"	6
◀ 52 068 28-S 1 3/4"		Right of center, down 25°	1.375"	7
◀ 52 068 34-S 2 3/4"		Right end of canister	1.50"	3
◀ 82 755 08-S 5 3/4"		Middle	1.37"	8
◀ 52 068 40-S 1 3/4"		Left of center, straight down	1.378"	7
◀ 52 068 44-S 2 3/4"		Right end of canister, no bracket	1.50"	4

\*When viewed from P.T.O. end.

\*\*Centerline height is the distance between center of canister to the flange mounting surface.



## MV16-20 CANISTER MUFFLERS

Part No.	Canister Width	Exhaust Direction*	Outlet O.D.	Item
◀ 52 068 27-S	12.1"	Right end of canister, then forward	1.375"	1
◀ 52 068 42-S	12.1"	Right side of canister	1.375"	2
◀ 52 068 29-S	12.1"	Right end of canister, straight out	1.375"	3
◀ 52 068 41-S**	10.4"	Right side of canister and down	1.41"	4
◀ 52 068 43-S**	10.4"	Right side of canister and down/outlet angled	1.41"	5
◀ 52 755 90-S	—	Dual ovals, flush outlet	—	6

\*When viewed from the air cleaner side of engine.

\*\*Helps meet E.E.C. requirements.



## M18-20/MV16-20 CANISTER MUFFLERS\*

Part No.	Notes	Outlet O.D.	Item
◀ 52 068 13-S	Cannot be used on an engine with a filter.	1.50"	1
◀ 52 755 89-S	Used on engines with oil filter. Side outlet. Includes hardware. M18-20, MV16-20.	1.50"	3
◀ 52 068 32-S	Used on engines with oil filter. Top outlet. M18-20, MV16-20.	1.50"	2
◀ 52 068 45-S	Used on engines with oil filter. Side outlet with duckbill.	1.50"	4

\*Vertical-mount on left side of engine when viewed from P.T.O. (M18-20) or air cleaner (MV16-20). Angle of photograph hides second inlet pipe.

# EXHAUST (K & Magnum)

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



## PANCAKE MUFFLERS

Part No.	Mounting Direction*	Model	Item
◀ 220145-S	Right	K91	3
◀ 220299-S	Right	K91	2
◀ 41 068 02-S	Right	K181/M8	5
◀ 41 068 03-S	Left	K181/M8	4
◀ 41 068 08-S	Right	K181/M8	6
◀ 41 063 10-S	(Baffle only)	M8	1

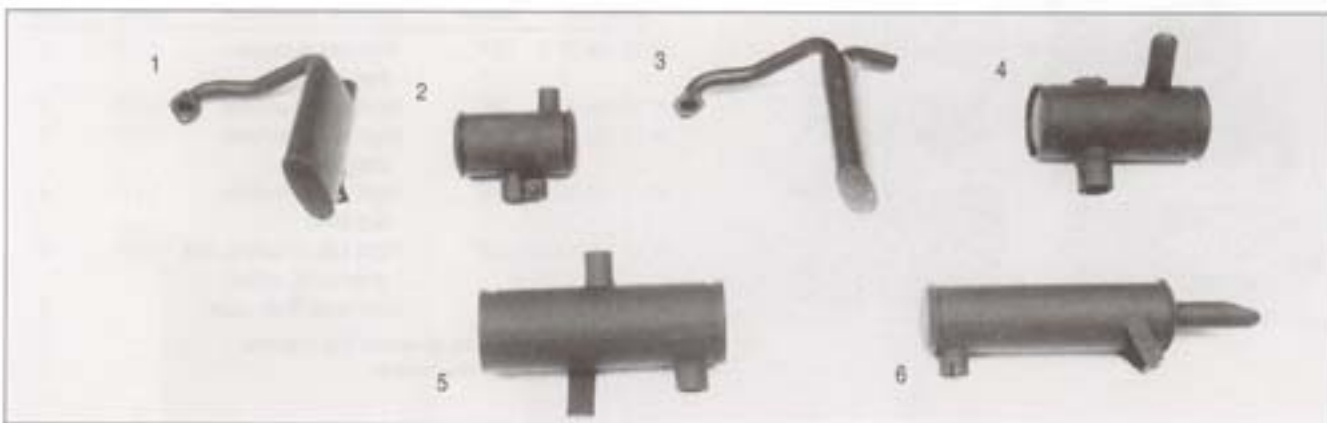
\*Viewed from PTO end.



## PEPPERPOT MUFFLERS

Part No.	N.P.T.	Model	Item
◀ 220521-S	.75"	K91	3
◀ 230410-S	1"	K181/M8	5
◀ 275679-S	1"	K241-321/M10-14, M18-20, K582	4
◀ 45 068 01-S	1.25"	K341/M16	2
◀ 52 068 04-S	*	KT17-19	1

\*Clamp-on, 1.437" I.D.



## CANISTER MUFFLERS

Part No.	Model	Requires	Inlet I.D.	Outlet O.D.	Item
◀ 41 068 07-S	M8 (no tank)	—	—	1.125"	1
◀ 41 068 11-S*	K181/M8	Elbows 41 029 06-S, 41 054 01-S or 41 054 02-S	1.03"	1.125"	2
◀ 41 068 12-S	M8 (no tank)	—	—	1.0"	3
◀ 45 068 10-S	K341/M16	Pipe nipple and 45 237 01-S clamp	1.675"	1.375"	4
◀ 47 068 15-S	K241-321/M10-14	47 054 01-S elbow, 237548-S clamp	1.425"	1.375"	5
◀ 47 068 15-S	K341/M16	45 054 04-S elbow, 237548-S clamp	1.425"	1.375"	5
◀ 237550-S	K241/M14, M8, M18-20	—	1.35"	1.375"	6

\*Includes clamp and integral heat shield.



# EXHAUST (K, Magnum & CH6)

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

## K181-321/M8-14 EXHAUST SILENCER KITS

Kit No.	Muffler Length	Muffler Dia.	Model
◀ 41 755 02-S	11"	3.75"	K181-M8
◀ 47 755 04-S (shown)	14"	5"	K241-321/M10-14

Will silencer fit your installation? See table below. (May not be used on Q/QS models.)



Model	Viewed From	Muffler Mounted	A	B	C	D	E
K181/M8	PTO	Left side of crank	6.375"	4.625"	7.875"	4.125"	—
K181/M8	PTO	Right side of crank	—	12.5"	7.875"	4.125"	—
K181/M8	Carb Side	Either side of crank	—	—	7.875"	4.125"	3.625"
K241-321/M10-14	PTO	Over PTO	7.187"	6.812"	12.375"	5.5"	—
K241-321/M10-14	Carb Side	Over PTO	—	—	12.375"	5.5"	6"

A — Muffler extends from crank centerline to left end of muffler.  
 B — Muffler extends from crank centerline to right end of muffler.  
 C — Muffler extends from crank centerline to top of muffler/shield.  
 D — Muffler extends from crank centerline to bottom of muffler.  
 E — Muffler extends from mounting face to rear of muffler.

## CH6 XKE EXHAUST MANIFOLD

Designed especially for CH6 XKE, Kohler's go-kart engine that's race-ready, right out of the box.

Part No.	Angles Away From Flange	Tube Length	Outlet I.D.
15 164 01-S	6.0° Approx.	11.25" Approx.	1.0"



# EXHAUST (CH11-15)



Includes exhaust deflector, not shown.



Includes exhaust deflector, not shown.



Vertical Orientation



Horizontal Orientation



EEC Guards\*\*\*\*

## PILLOW MUFFLERS & GUARDS

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 include weld nuts for attaching guard. Guard kits do not include muffler. All kits include hardware and instructions.

Part No.	Muff. Only	Description	Engine Side	Outlet D.B.C.	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 70-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 70-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
12 755 70-S	—	Guard Kit	Starter, no tank	—	—	13.75"	—	6.25"	—	10.5"	—	—	4
12 755 91-S****	—	Guard Kit	All	—	—	—	—	—	—	—	—	—	5

\*Muffler has no integral port liner. It is usable only on CH11-14 models below serial number 2628900001.

\*\*Muffler has integral port liner extending from mounting flange, to interface with cored-out cylinder head. Only for models with serial number 2628900001 or higher, which include cored-out cylinder head.

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

\*\*\*\*Guard kit 12 755 91-S must be used with guard kit 12 755 70-S or 12 755 72-S to comply with EEC standards for avoidance with hot surfaces. Kit includes wire guard and two shields, plus instructions, although all parts are not necessary for every muffler configuration shown. Wire guard covers exhaust manifold; shields prevent contact with manifold periphery.

A — Centerline of crank to top of muffler.

B — Centerline of crank to top of guard.

C — Centerline of crank to bottom of muffler.

D — Centerline of crank to bottom of guard.

E — Centerline of crank to left edge of muffler.

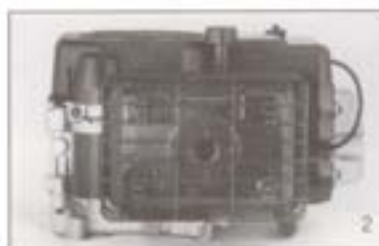
F — Centerline of crank to left edge of guard.

G — From PTO face to farthest edge of muffler.

H — From PTO face to farthest edge of guard.



Vertical Orientation



Horizontal Orientation



Valve Cover Orientation



EEC Guards\*\*\*\*

## PILLOW MUFFLERS & GUARDS

Guard kits do not include muffler.

Part No.	Description	Engine Side	Weld Nut For Guard	Hardware (See note)	Outlet D.B.C.	A	B	C	D	E	F	Item
12 068 21-S*	Muffler (Std.)	Starter	No	1	2.047"	12.0"	—	10.75"	—	4.5"	—	1
12 068 44-S**	Muffler (Std.)	Starter	No	1	2.047"	12.0"	—	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
12 755 70-S	Guard Kit	Starter	—	—	—	—	12.5"	—	11.25"	—	5.25"	1
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
12 755 70-S	Guard Kit	Valve	—	—	—	—	3.0"	—	11.0"	—	—	3
12 755 91-S****	Guard Kit	Items 1 & 2	—	—	—	—	—	—	—	—	—	4

\*Muffler has integral port liner. It is usable only on CV11-14 models below serial number 2628900001.

\*\*Muffler has integral port liner extending from mounting flange, to interface with cored-out cylinder head. Only for models with serial number 2628900001 or higher, which include cored-out cylinder head.

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

\*\*\*\*Guard kit 12 755 91-S must be used with guard kit 12 755 70-S or 12 755 72-S to comply with EEC standards for avoidance with hot surfaces. Kit includes wire guard and two shields, plus instructions, although all parts are not necessary for every muffler configuration shown. Wire guard covers exhaust manifold; shields prevent contact with manifold periphery.  
(Note: for mufflers 12 068 25-S and 12 068 39-S, guard 12 755 70-S is only 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.

D — Mounting surface to top of guard.

B — Centerline of crank to right edge of guard.

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

C — Mounting surface to top of muffler.

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

### Mounting Hardware

1 — Included with basic engine: (1) 12 126 71-S bracket, (2) M-645025-S screw, (2) M-645016-S screw, (1) 12 041 03-S gasket, (2) M-841080-S nut.

2 — Order (1) 12 755 30-S mounting kit.

3 — Order (1) 12 126 56-S bracket, (2) M-645025-S screw, (2) M-649016-S screw, (1) 12 041 03-S gasket, (2) M-841050-S nut.



# EXHAUST (CH/CV11-14)



## HAM CAN MUFFLERS

### CV Models

Part No.	Description	Outlet O.D.	A	Side	Item
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.

\*Inc. 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 number 26 289 000001 and higher.

### CH Models

Part No.	Description	Outlet D.B.C.	Space	Side	Item
12 068 11-S	Muffler only**	2.047"	B	PTO	3
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.

\*\*\*Inc. manifold, bracketry, gaskets, hardware.

\*\*\*\*Inc. 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.	Model	Item
12 164 03-S	1.312"	CH11-14	1
12 164 04-S*	—	CH11-14	2
12 164 05-S**	—	CH11-14	**
12 382 01-S	1.125"	CH11-14	3
12 382 02-S	1.125"	CH11-14	4
12 382 03-S	1.125"	CH11-14	5

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

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

## EXHAUST FLANGE

For adapting customer-supplied exhaust.

Part No.	Description	Model
12 295 01-S	Steel, .188" thick	CH/CV11-14





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



## ROUND MUFFLER

Part No.	Description	Engine Side	Outlet O.D.	Model
12 068 08-S	Muffler*	Valve Cover	1.25"	CV11-14

\*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-25-75-S washer, (1) X-25-95-S spacer, (1) X-20-1-S lock washer, (1) X-81-1-S nut. Muffler extends 5.625" from valve cover.



## ROUND MUFFLER, TOP-MOUNT (Ideal for compressors)

Kit No.	Muff. Only	Description	Engine Side	Model
12 786 16-S	12 068 47-S	Muffler Kit	Top	CH11-15

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".



## ROUND MUFFLER

Part No.	Description	Engine Side	Outlet O.D.	Model
12 068 22-S	Muffler	Valve Cover	1.25"	CV11-14

Includes integral guard. Also order (1) 12 126 59-S bracket, (1) 12 126 06-S bracket, (1) 12 126 26-S bracket, (3) M-0639016-S screw, (3) X-25-52-S washer, (1) 12 041 03-S gasket. Muffler extends 7" from blower housing.



## ROUND MUFFLER, PTO-MOUNT (Ideal for pressure washers)

Kit No.	Muff. Only	Description	Engine Side	Model
12 786 19-S	12 068 43-S	Muffler Kit	Above PTO	CH11-15

Includes mounting bracket and hardware. Muffler outlet is 4.0" from mounting face. Outlet O.D. is 1.25".



## OVAL MUFFLER

Part No.	Description	Engine Side	Outlet O.D.	Model
12 068 14-S	Muffler	Valve Cover	1.125"	CV11-14

Also order (1) 12 126 38-S bracket, (1) M-0645025-S screw, (1) M-0650012-S screw, (1) 12 041 03-S gasket. Muffler extends 6" from blower housing.



## PEPPERPOT MUFFLER (Thread-On Style)

Part No.	Muff. Only	Description	Engine Side	Model
12 786 05-S	275679-S	Muffler Kit*	PTO	CH11-14
25 314 01-S	—	Guard Only	—	—

\*Includes muffler, manifold, gasket, hardware. Muffler has 1.0" N.P.T. internal thread.

# EXHAUST (CV17-25)



Shown: 12 068 27-S Quiet version.

## COMMERCIAL MOWER CANISTER MUFFLERS — Also see Heat Shields below.

Part No.	Outlet Location/Direction	Outlet O.D.	Muffler Dia.	Muffler Length	A	B	C	D	Item
24 068 10-S	Center/Straight	1.375"	4.0"	12.0"	1.0"	5.0"	.125"	.125"	4
24 068 09-S	Starter Side/Straight	1.375"	4.0"	12.0"	1.0"	5.0"	1.0"	.125"	2
24 068 08-S	Filter Side/Straight	1.375"	4.0"	12.0"	1.0"	5.0"	.125"	1.0"	5
24 068 20-S	Filter Side/Down	1.375"	4.0"	12.0"	1.0"	5.0"	.125"	2.625"	1
24 068 21-S	Filter Side/Extended	1.375"	4.0"	12.0"	1.0"	5.0"	.125"	3.0"	3

## QUIET CANISTER MUFFLERS — Also see Heat Shields below.

These mufflers are larger than those above, and also 4-6 dBA quieter (@ 3600 RPM, WOT).

Part No.	Outlet Location/Direction	Outlet O.D.	Muffler Dia.	Muffler Length	A	B	C	D	Item
24 068 25-S	Center/Straight	1.375"	4.62"	16.0"	1.0"	6.0"	1.75"	4.0"	4
24 068 27-S	Starter Side/Straight	1.375"	4.62"	16.0"	1.0"	6.0"	3.0"	4.0"	2
24 068 29-S	Filter Side/Straight	1.375"	4.62"	16.0"	1.0"	6.0"	1.75"	5.25"	5
24 068 28-S	Filter Side/Down	1.375"	4.62"	16.0"	1.0"	6.0"	1.75"	6.9"	1
24 068 26-S	Filter Side/Extended	1.375"	4.62"	16.0"	1.0"	6.0"	1.75"	6.9"	3

A — Mounting surface to bottom of muffler.

B — Mounting surface to top of muffler.

C — Centerline of left manifold to left edge of muffler (or outlet).

D — Centerline of right manifold to right edge of muffler (or outlet).

NOTE: For mounting, order (2) 24 041 02-S gasket, (2) M-0645020-S screw, (4) M-0829033-S stud, (4) M-084180-S nut.



## HEAT SHIELDS FOR CH/CV CANISTER MUFFLERS

Kohler requires a heat shield between muffler and air cleaner — either those listed below or one provided by customer.

Part No.	Designed for Mufflers
24 281 05-S*	24 068 10-S (Center Outlet)
24 281 06-S*	24 068 08-S, 09-S, 20-S, 21-S
24 281 08-S*	24 068 26-S, 27-S, 28-S, 29-S
24 281 09-S*	24 068 25-S (Center Outlet)
24 314 04-S**	24 068 32-S, 33-S, 34-S, 36-S, 37-S
24 314 21-S***	24 068 35-S, 41-S, 42-S

\*For CV17-25 mufflers. Order (4) 25-086 40-S screws for mounting heat shield.

\*\*For CH18-25 mufflers. Screws for mounting heat shield included in kit.

\*\*\*For CH26 mufflers. Order (4) M-650012 screws for mounting heat shield.



STANDARD AIR CLEANER



COMMERCIAL MOWER AIR CLEANER

## VERTICAL MUFFLER KITS\* (CV17-22)

Kit No.	Muff. Only	Location	Outlet D.B.C.	A	B	Item
24 786 13-S	12 068 19-S	Starter Side	3.06"	3.0"	3.5"	1 (Shown)
24 786 14-S	12 068 19-S	Filter Side	3.06"	3.0"	3.5"	1
24 786 15-S	12 068 22-S	Starter Side	3.06"	—	—	2 (Shown)
24 786 16-S	12 068 22-S	Filter Side	3.06"	—	—	2

\*Includes muffler, manifold, bracketry, clamp, gaskets and hardware.

A — Extends forward of air cleaner. B — Extends right (or left) of valve cover.

## CROSSOVER MANIFOLDS\*

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

\*Also order (4) M-0841080-S nut and (2) 24 041 02-S gasket.



## EXHAUST DEFLECTORS (For Canister Mufflers)

Part No.	Style	A	B	Item
24 265 06-S	Straight	1.375" O.D.	2.16"	1
24 265 07-S	45°	1.375" O.D.	2.43"	2

Also order 47 237 04-S clamp.

A — Fits muffler outlet size.

B — Extends beyond end of muffler when installed.



## EXHAUST DEFLECTORS (For Vertical Mufflers)

Part No.	Description/Direction	A	Item
24 755 49-S	Curved/Down	3.06" D.B.C.	1
24 755 50-S	Round/360°	3.06" D.B.C.	2



# EXHAUST (CH18-25)



## PTO-CANISTER MUFFLER & GUARD KITS (STANDARD)

Kit No.	Muff. Only	Outlet Location/Direction	Model	Outlet O.D.	A	B	C	D	E	F	Item
24 786 04-S	24 068 05-S	Center/Straight	CH18-22	1.25"	4.5"	10.5"	5.5"	9.25"	—	—	3
24 786 05-S	24 068 07-S	Filter Side/Straight	CH18-22	1.25"	4.5"	10.5"	5.5"	—	—	—	2
24 786 06-S	24 068 06-S	Starter Side/Straight	CH18-22	1.25"	4.5"	10.5"	5.5"	—	—	—	1
24 786 10-S*	24 068 12-S	Center/Straight	CH25	1.25"	4.5"	10.5"	5.5"	9.25"	—	—	3*
24 786 11-S*	24 068 18-S	Filter Side/Straight	CH25	1.25"	4.5"	10.5"	5.5"	—	—	—	2*
24 786 12-S*	24 068 17-S	Starter Side/Straight	CH25	1.25"	4.5"	10.5"	5.5"	—	—	—	1*
24 755 80-S	—	Guard Kit**	CH18-26	—	—	—	—	—	4.75"	10.75"	4
—	24 068 35-S	Filter Side/Straight	CH26	1.25"	4.5"	10.5"	5.5"	—	—	—	2
—	24 068 41-S	Center/Straight	CH26	1.25"	4.5"	10.5"	5.5"	9.25"	—	—	3
—	24 068 42-S	Starter Side/Straight	CH26	1.25"	4.5"	10.5"	5.5"	—	—	—	1

\*CH25 muffler kits are similar but include integral heat shield.

\*\*Shown on 24 786 04-S Muffler Kit (muffler not included).



## PTO-CANISTER MUFFLER & GUARD KITS (CLOSED LOOP LP SYSTEMS)

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

Kit No.	Muff. Only	Outlet Location/Direction	Model	Outlet O.D.	A	B	C	D	E	F	Item
—	24 068 32-S	Center/Straight*	CH18-25	1.25"	4.5"	10.5"	5.5"	9.25"	—	—	5
—	24 068 33-S	Starter Side/Straight*	CH18-25	1.25"	4.5"	10.5"	5.5"	9.25"	—	—	5
—	24 068 34-S	Filter Side/Straight*	CH18-25	1.25"	4.5"	10.5"	5.5"	9.25"	—	—	5
24 755 80-S	—	Guard Kit	CH18-25	—	—	—	—	—	4.75"	10.75"	4

\*Mufflers include top bracket for attaching heat shield (required for CH25). See heat shields on CV17-25 page.

## QUIET PTO-CANISTER MUFFLER & GUARD KITS (Ideal for gen sets)

Mufflers are same size as std. canisters (top of page), but are 2-3 dBA quieter. They also have a raised-body design 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	Model	Outlet O.D.	A	B	C	D	E	F	Item
24 786 21-S	24 068 36-S	Filter Side/Straight*	CH18-25	1.25"	6.5"	13.25"	5.0"	—	—	—	6
24 786 22-S	24 068 37-S	Starter Side/Straight*	CH18-25	1.25"	6.5"	13.25"	5.0"	—	—	—	6
24 755 104-S	—	Guard Kit	CH18-25	—	—	—	—	—	7.25"	13.25"	4

\*Mufflers include top bracket for attaching heat shield (required for CH25). See heat shields on CV17-25 page.

A — Centerline of crank to bottom of muffler.

C — PTO face to outer edge of muffler.

E — Centerline of crank to bottom of guard.

B — Centerline of crank to top of muffler.

D — PTO face to tip of muffler outlet.

F — Centerline of crank to top of guard.





## SIDE-MOUNT MUFFLER & GUARD KITS (STANDARD)

Kit No.	Muff. Only	Location	Outlet D.B.C.	Model	Extends Engine Width By	Item
24 786 08-S	24 068 13-S	Starter Side	2.047"	CH18-22	4.0"	1
24 786 09-S	24 068 14-S	Filter Side***	2.047"	CH18-22*	4.0"	1 (Shown)
24 755 22-S	—	Guard Kit**	—	CH18-22	4.375"	2
24 786 19-S	24 068 30-S	Starter Side	2.047"	CH25****	4.25"	3 (Shown)
24 786 20-S	24 068 31-S	Filter Side***	2.047"	CH25****	5.60"	3
54 755 11-S	—	Guard Kit, Starter Side	—	CH25	4.25"	4 (Shown)
54 755 12-S	—	Guard Kit, Filter Side	—	CH25	5.60"	4

\*Not usable on models with oil cooler.

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

\*\*\*Requires use of standard 12 050 01-S oil filter to avoid interference with muffler.

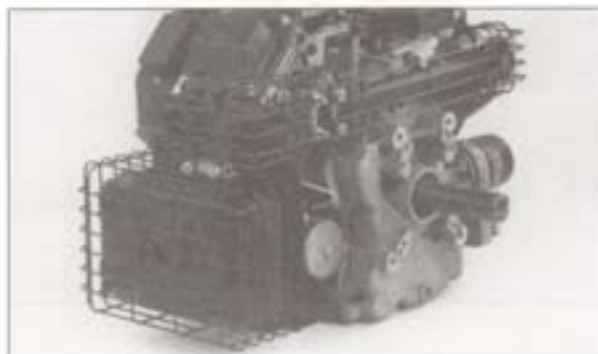
\*\*\*\*CH25 Kits include muffler with dual manifolds.

## 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. Not available for CH25 muffler which has dual manifolds.

Kit No.	Location	Extends Engine Width By	Model
54 755 24-S	Starter Side*	4.375"	CH18-22
54 755 25-S	Filter Side	4.375"	CH18-22

\*Shown on 24 786 08-S Muffler Kit (muffler not included).



# EXHAUST (CH18-25)

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



## PEPPERPOT MUFFLER

Muffler Kit includes 2 each mufflers (52 068 04-S), manifolds (24 164 05-S), clamps (237548-S), gaskets (24 041 02-S) and nuts (M-0841080-S).

Part No.	Muff. Only	Description	A	B	Model	Item
◀ 24 766 07-S	52 068 04-S	Muffler Kit	3.5"	4.0"	CH18-25	1
25 314 01-S	—	Guard	3.875"	4.5"	CH18-25	2

A — Centerline of crank to bottom of muffler/guard.

B — PTO face to outer edge of muffler/guard.



## CANISTER MUFFLER (Horizontal)

Similar to other CH18-25 canister mufflers, but includes special welded-on support bracket and an exhaust outlet pointed down. Will not accept Guard Kit (See CH18-25 canister muffler page).

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

\*CARB/EPA compliant for CH18-22 only. Application Engineering approval needed for CH25.

NOTE: For mounting, order (2) 24 041 02-S gasket, (4) M-0829033-S stud, (1) M-0839020-S screw, (4) M-0841080-S nut.



## CANISTER MUFFLERS (Vertical)

Filter side kit does not fit on Command twins with oil cooler. In addition, special shielding is necessary (furnished by customer) to protect the fuel pump . . . for specs with either a pulse pump or mechanical pump. If a mechanical pump is used on the starter side, no shielding is necessary. Alternative is to use electric pump.

Part No.	Mounting Location	Fit	Outlet O.D.	Model
24 068 15-S	Remote	—	1.375"	CH18-22
24 068 16-S	Filter Side (Shown)	A	1.375"	CH18-22
—	Starter Side not available	—	—	—

A — (As viewed from flywheel)

11.0" — left mounting hole to left edge of muffler.

6.0" — left mounting hole to right edge of muffler.

15.4" — mounting surface to top of muffler.

2.45" — mounting surface to bottom of muffler.

NOTE: For mounting, order (2) 24 041 02-S gasket, (1) 24 164 04-S manifold, (4) M-0829033-S stud, (4) M-0841080-S nut, (1) M-0839020-S screw, (1) 12 237 02-S clamp.

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



## CROSSOVER MANIFOLDS

Part No.	Outlet Location	Outlet	Extends From PTO Face	Model	Item
<b>Single Manifolds</b>					
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 (Use w/side muffler)	1.11" (O.D.)	0.25" Inside Face	CH18-22	1
24 164 11-S	Filter Side (Use w/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	1
24 164 28-S	Starter Side	1.24" (O.D.)	0.25" Inside Face	CH25	1
<b>Dual Manifolds</b>					
24 164 19-S	Starter Side (Only for side muffler)*	1.26" (I.D.)	0.25" Inside Face	CH25	2
24 164 20-S	Starter Side (Only for side muffler)*	1.26" (I.D.)	0.25" Inside Face	CH25	2
24 164 21-S	Filter Side (Only for side muffler)**	1.26" (I.D.)	0.25" Inside Face	CH25	2
24 164 22-S	Filter Side (Only for side muffler)**	1.26" (I.D.)	0.25" Inside Face	CH25	2

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

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

NOTE: For mounting, order (4) M-0841080-S nut and (2) 24 041 02-S gasket.



## 90° MANIFOLD KIT

Kit No.	Fits Muffler	Thread	Model
24 730 01-S	230410-S, 275679-S	1" N.P.T.	CH18-25

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



## STUB MANIFOLDS

Kit No.	Outlet O.D.	Model	Item
24 164 05-S	1.415"	CH18-25	1
24 164 07-S	1.125"	CH18-25	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.



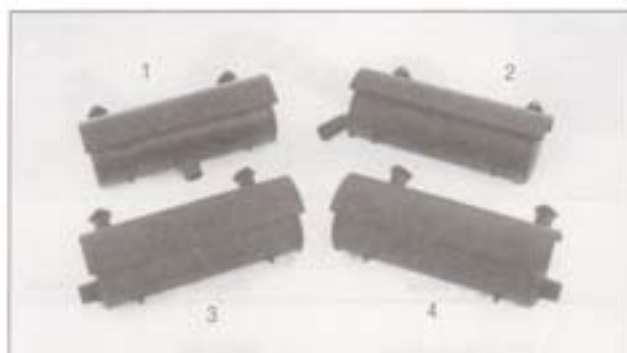
## EXHAUST FLANGE

For adaptation of customer-supplied exhaust.

Part No.	Description	Model
24 295 01-S	Steel, .188" thick	CH/CV18-25



# EXHAUST (TH16-18)



## PTO-MOUNT MUFFLER & GUARD KITS (Includes integral heat shield)

Kit No.	Muff. Only	Outlet Location/Direction	Outlet O.D.	A	B	C	D	E	F	Item
28 786 03-S	28 068 08-S	Center/Straight	1.25"	7.0"	12.25"	6.0"	7.25"	—	—	1
28 786 04-S	28 068 07-S	Starter Side/Straight	1.25"	7.0"	12.25"	6.0"	—	—	—	2
—	28 068 10-S*	Starter Side/Angled Down	1.25"	5.5"	10.25"	6.0"	6.25"	5.0"	11.0"	3
28 786 05-S	28 068 09-S	Filter Side/Straight	1.25"	7.0"	12.25"	6.0"	—	—	—	4
28 755 10-S	—	Guard Kit, Muffler**	—	—	—	—	—	6.5"	12.5"	5
28 755 32-S	—	Guard Kit, Side Shields**	—	—	—	—	—	—	—	6

\*Also order (4) M-841060-S nut and (2) 24 041 02-S exhaust gasket.

\*\*When guard kits 28 755 10-S and 28 755 32-S are used together, they meet EEC (European) standards for avoidance with hot surfaces.

A — Centerline of crank to bottom of muffler.

C — PTO face to outer edge of muffler.

E — Centerline of crank to bottom of guard.

B — Centerline of crank to top of muffler.

D — PTO face to tip of muffler outlet.

F — Centerline of crank to top of guard.

## SIDE-MOUNT MUFFLER & MANIFOLD KITS

Muffler kits include all items shown, including manifold. Manifold kit also sold separately per below.

Kit No.	Muff. Only	Description	Extends Outlet D.B.C.	Engine Width By	Item
28 786 01-S	24 068 13-S	Starter Side	2.047"	5"	1 & 2
28 786 02-S	24 068 14-S	Filter Side	2.047"	5"	1 & 2
28 730 01-S	—	Manifold Kit	—	—	2



## SIDE-MOUNT GUARD KIT

Kit No.	Location	Covers	Extends Engine Width By
24 755 22-S	Starter or Filter Side	Muffler Only	5.75"



## 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	Covers	Extends Engine Width By
28 755 28-S	Starter Side (Shown)	Muffler, Manifold, Elbow	5.75"
28 755 29-S	Filter Side	Muffler, Manifold, Elbow	5.75"



## EXHAUST FITTINGS

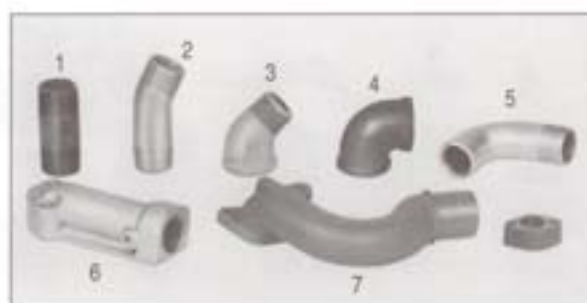
1. Straight Nipples	N.P.T. x Length	Model
X-206-9-S	1/2" x 1 1/2"	K91
46 136 01-S	1/2" x 2"	K91
46 136 02-S	1/2" x 2 1/2"	K91
47 136 01-S	1/2" x 2 1/2"	K91
41 136 04-S	1" x 2"	K181, K241-321, M10-14
41 136 02-S	1" x 3"	K181, K241-321, M8-14
41 136 03-S	1" x 3 1/2"	K181, K241-321
48 136 01-S	1" x 4"	K181, K241-321, M8-14
X-218-23-S	1" x 2 1/2"	K181, K241-321
25 136 05-S	1" x 6"	M8-20
45 136 01-S	1 1/2" x 3"	K341, M16

2. Bent Elbows	N.P.T. x Degree	Model
235194-S	1" x 25°	K181-321, M8-14
236347-S	1" x 25°	M10-14 (4.75" length)
231820-S	1" x 90°	K181-321, M8-14

3. Street Elbows	N.P.T. x Degree	Model
X-274-2-S	1/2" x 45°	K91
47 283 02-S	1/2" x 90°	K91
151385-S	1" x 90°	K181-321, M8-14
45 054 15-S	1 1/2" x 90°	K341, M16

4. Pipe Elbows	N.P.T. x Degree	Model
X-215-15-S	1" x 90°	K181-321, M8-14

Elbows For Clamp On	N.P.T. x Degree	Model
5. Mufflers	N.P.T. x Degree	Model
47 054 01-S (with "s" bend)	1" x 45°	K241-321, M10-14
47 054 02-S	1" x 45°	K241-321, M10-14
235692-S	1" x 90°	K241-321, M10-14
45 054 04-S (with "s" bend)	1 1/2" x 45°	K341, M16
45 054 05-S	1 1/2" x 45°	K341, M16



6. End	Bolt On Elbows With Threaded Exhaust Direction*	Length	N.P.T.	Model
41 029 02-S	Top	2 1/2"	1"	K181, M8 (1 1/4" spacing)
41 029 01-S	Left/Right	4 1/2"	1"	K181, M8 (1 1/4" spacing)
236268-S	Top	1 1/2"	1"	K241-321 M10-14
52 029 13-S**	Top	—	1" (2 required)	M8, M16-20

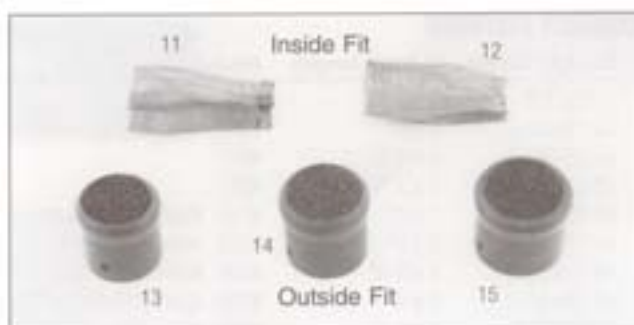
\* When viewed from PTO end.

\*\* Can be ordered as part of kit 52 755 85-S which also includes popperpot mufflers, nipples and hardware.

7. Mufflers	Bolt On Elbows For Clamp On	Exhaust Direction*	Cyl.	Model
41 029 06-S	PTO	—	—	K181, M8
41 054 01-S	Up/Down	—	—	K181, M8
41 054 02-S	Left/Right	—	—	K181, M8
48 054 04-S	PTO	—	#1	K582
48 054 05-S	PTO	—	#2	K582
52 054 01-S	PTO	—	#1	M18-20
52 054 03-S	PTO	—	#2	M18-20
52 054 05-S	PTO	—	#1	M18-20 (Q Style)
52 054 06-S	PTO	—	#2	M18-20 (Q Style)

\*When viewed from PTO end.

# EXHAUST (All Models)



## SPARK ARRESTORS

Part No.	Model/HP	HP Rating For U.S.F.S.	Inlet Size	Fits Muffler Outlet	Mounting D.B.C.	Notes	Item
15 189 01-S	CH6	8	0.76" I.D.	0.75" O.D.	—	Includes set screw	1
15 755 16-S	CH6*	8	0.76" I.D.	0.75" O.D.	—	Kit, includes 15 189 01-S arrestor (above)— and 15 029 02-S adapter (see below).*	—
12 189 02-S	CH/CV11-16, CH18-25, TH16-18	12.5	1.125" O.D.	1.126" I.D.	2.047"	For pillow/side mufflers****	2
24 189 01-S	CH18-25, TH16-18	27	1.26" I.D.	1.25" O.D.	—	For canister muffler, inc. deflector	3
25 189 01-S	CH/CV11-16, CH18-25, TH16-18	18	1.26" I.D.	1.25" O.D.	—	Includes set screw	4
25 189 02-S	CH/CV17-25, M18-20	20	1.39" I.D.	1.375" O.D.	—	Includes set screw	5
25 533 01-S	K241-341, M10-20***, KT17-19***, K582***, CH11-15***	23	—	—	3.680"	For 275679-S, 45 068 01-S & 52 068 04-S "pepperpot" mufflers****	6
41 068 10-S**	K181, KT17-19***, M8, M18-20***	9	—	1" N.P.T.	—	Includes 3 disks	7
47 068 10-S**	K241-341, K582***, KT17-19***, M10-20***	18	—	1" N.P.T.	—	Includes 6 disks	8
45 068 08-S**	K341, M16	18	—	1 1/2" N.P.T.	—	Includes 6 disks	9
46 068 01-S	K91	***	—	1 1/2" N.P.T.	—	—	10

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

\*\*Also serves as "silencer." One disk may be removed from 47 068 10-S to lower noise level. (To ensure proper back pressure, mufflers must keep at least one disk per 3 HP.)

\*\*\*Twin cylinder engines, order two arrestors.

\*\*\*\*Not U.S. Forest Service (U.S.F.S.) approved.

\*\*\*\*\*Also order (4) M-0549010-S Screw (drill 1/8" holes).

## EXHAUST SILENCERS

Part No.	Model/HP	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 52 068 20-S screw.	11
12 755 35-S	Varies by outlet size.	****	—	1.25" O.D.	Includes screw.	12
25 755 08-S	Varies by outlet size.	****	—	1.25" O.D.	Includes screw.	13
25 755 09-S	Varies by outlet size.	****	—	1.375" O.D.	Includes screw.	14
25 755 10-S	Varies by outlet size.	****	—	1.5" O.D.	Includes screw.	15

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



## MUFFLER ADAPTER (Muffler to Arrestor)

Part No.	Muffler End I.D.*	Arrestor End O.D.
15 029 02-S	0.76"	0.75"

\*Weld to exhaust pipe.

## EXHAUST DEFLECTORS

Part No.	Model	Inlet I.D.	Fits Muffler Outlet	Also Order Item	
25 054 05-S	M/MV16-20	1.51"	1.50" O.D.	E	1
45 054 21-S	K582, M10-16, M/MV16-20, CH/CV17-25	1.376"	1.375" O.D.	E	2
12 054 02-S	CV11-14, CH18-25, TH16-18	1.26"	1.25" O.D.	B	3
25 054 04-S	M8	1.126"	1.125" O.D.	D	4
24 265 06-S	K582, M10-16, M/MV16-20, CH/CV17-25	1.39"	1.375" O.D.	B	5
24 265 07-S	K582, M10-16, M/MV16-20, CH/CV17-25, CS8.5 (300 cc), CS10-12	1.39"	1.375" O.D.	B	6
63 265 01-S	CS4-6, CS8.5 (250 cc)	1.02"	1.0"	F	6
24 265 01-S	CH/CV11-14, CH18-25, TH16-18	1.26"	1.25" O.D.	—	7
15 265 02-S	CH6	—	1.57" D.B.C.	A	8
12 755 27-S*	CH/CV11-15, CH18-25**, TH16-18	—	2.047" D.B.C.	—	9
12 755 28-S*	CH/CV11-15, CH18-25, TH16-18	—	2.047" D.B.C.	—	10
25 755 19-S*	CH/CV11-15, CH18-25, TH16-18	—	2.047" D.B.C.	—	11
24 755 49-S*	CV17-25	—	3.06" D.B.C.	—	12
24 755 50-S*	CV17-25	—	3.06" D.B.C.	—	13
12 123 08-S	All w/1.25" Outlet O.D.	—	1.25" O.D.	C	14

\*Kit includes deflector, screws.

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

A — (2) M-0556010-S Screw

B — (1) 47 237 04-S Clamp

C — (1) 25 086 40-S Screw

D — (1) 12 237 02-S Clamp

E — (1) 237548-S Clamp

F — (1) 25 086 40-S Screw



## HARDWARE KITS

For attaching mufflers to exhaust outlets.

Kit No.	Model	Include	Item
52 786 01-S	M18-20	5 screws, 5 washers, 2 gaskets	1
12 786 17-S	CH/CV11-16	2 nuts, 1 gasket	2
25 786 01-S	CH18-25, TH16-18 w/std. flange nuts (shown)	4 nuts, 2 gaskets	3
28 786 06-S*	TH16-18 w/small flange nuts*	4 nuts, 2 gaskets	3

\*Small nuts have same thread as std. nuts, but have smaller diameter flange if there is an interference problem.

# DECALS

(K-Series and Magnum)



Black & white on silver

41 113 24-S - 8 HP  
45 113 37-S - 12 HP  
45 113 38-S - 16 HP



White on clear

52 113 42-S - 18 HP  
52 113 43-S - 20 HP

**KOHLER 17  
SERIES II**

White letters on clear background

52 113 21-S - 17 HP Series II  
52 113 23-S - 19 HP Series II

**KOHLER  
MAGNUM 16**

• ELECTRONIC IGNITION • FAST MAINTENANCE  
• DUAL AIR CLEANER • FAST START ACE

41 113 23-S - 8 HP  
47 113 34-S - 10 HP  
47 113 35-S - 12 HP  
47 113 36-S - 14 HP  
45 113 12-S - 16 HP (Single Cylinder)

**KOHLER  
MAGNUM 16**

• TWIN CYLINDER POWER • ELECTRONIC IGNITION  
• PRESSURE LUBRICATION • DUAL AIR CLEANER

45 113 11-S - 16 HP (Twin Cylinder)  
52 113 44-S - 18 HP  
52 113 45-S - 20 HP

**KOHLER MAGNUM  
20HP  
TWIN  
CRAFTSMAN**

• Cast Iron Cylinders  
• Electronic Ignition  
• Automotive Type Oil Filter  
• Full Pressure Lubrication

52 113 51-S - 20 HP 52 113 52 - 19.5 HP  
52 113 50-S - 18 HP 52 113 54 - 18.5 HP



# DECALS (K-Series and Magnum)



41 037 10-S Write-On W/Clear  
Protective Overlay



41 037 04-S Write-On



41 113 02-S



41 113 06-S - white on clear  
41 113 07-S - black on clear



41 113 08-S - white on clear



41 113 12-S - white on clear



41 113 13-S - white on clear  
41 113 14-S - black on clear



41 113 18-S



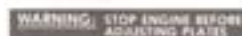
41 113 19-S



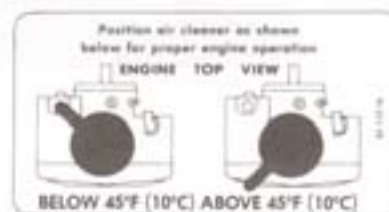
45 113 04-S - white on clear



47 113 33-S



52 113 11-S



52 113 16-S



52 113 17-S - white on clear  
(Also used on Command)



52 113 18-S - white on clear  
52 113 37-S - black on clear

# DECALS

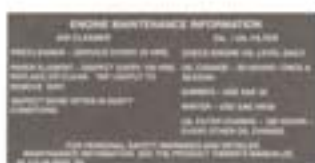
## (K-Series and Magnum)



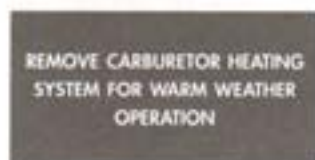
52 113 29-S – white on clear



52 113 30-S



52 113 49-S



52 113 53-S



47 113 10-S



47 113 11-S



47 113 12-S



47 113 15-S



47 113 24-S



47 113 25-S



47 113 26-S



47 113 27-S



47 113 29-S



47 113 30-S

# DECALS (K-Series and Magnum)

25 113 03

NOTE: WHEN USING A REPLACEMENT CRANKSHAFT, WRITE NEW PART NUMBER WITH A BALL POINT PEN IN SPACE PROVIDED ON STICKER BELOW. PLACE STICKER NEXT TO OR BELOW NAMEPLATE ON ENGINE.

DETACH HERE

CAUTION: CRANKSHAFT IN THIS ENGINE HAS BEEN REPLACED. WHEN ORDERING REPLACEMENT CRANKSHAFT, ORDER PART NUMBER LISTED BELOW.

CRANKSHAFT PART NO. \_\_\_\_\_

ORIGINAL ENGINE SPEC. NO. \_\_\_\_\_

25 113 03-S

**WARNING: NOT A DRIVE PULLEY**

25 113 06-S

**AIR CLEANER INSTRUCTIONS**

**WASH:** If necessary, every 15 hours, wash in soap and water. Use soft dry clothings. Do not use clean engine oil, kerosene and gasoline.

**WASH:** Every 100 hours, clean by tapping gently on the side. Do not wash or use compressed air. Reattach every year.

Under extremely dirty conditions, service more often.  
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25 113 07-S

25 113 15-S (Same as -07-S, except no 800 phone number)

**AIR CLEANER INSTRUCTIONS**

**WASH:** If necessary, every 15 hours, wash in soap and water. Use soft dry clothings. Do not use clean engine oil, kerosene and gasoline.

**WASH:** Every 100 hours, clean by tapping gently on the side. Do not wash or use compressed air. Reattach every year.

Under extremely dirty conditions, service more often.  
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25 113 08-S

25 113 09

**IMPORTANT SERVICE INFORMATION**

WHEN USING THIS SHORT-WEAR BLOCK TO REBUILD AN ENGINE, WRITE IN PART NUMBER OF THE SHORT-WEAR BLOCK ON THE STICKER BELOW WITH A BALL POINT PEN. THEN PLACE THE STICKER ADJACENT TO THE NAMEPLATE ON THE BLOCKER HOUSING OR BASEPLATE. NOTE: IF THIS IS NOT DONE, INTERNAL COMPONENTS OF THE SHORT-WEAR BLOCK WILL BE INCORRECTLY FURNISHED WHEN ORDERING FUTURE REPLACEMENTS.

DETACH HERE

**KOHLER ENGINE**

CAUTION: READ BEFORE ORDERING INTERNAL REPLACEMENT COMPONENTS!

THIS ENGINE WAS REBUILT WITH A SHORT-WEAR BLOCK. WHEN ORDERING INTERNAL REPLACEMENT COMPONENTS, ORDER AS A COMPONENT OF THE PART NUMBER APPEARING IN THE SPACE BELOW, RATHER THAN THE SPEC. NO. ON THE ENGINE NAMEPLATE.

SHORT-WEAR BLOCK PART NO. \_\_\_\_\_

**KOHLER COMPANY**  
KOHLEN WISCONSIN, USA

25 113 09-S

**WARNING: EXPLOSIVE FUEL!**

DO NOT OVERFILL OR START ENGINE NEAR SPILLED GASOLINE.

LEAVE 1/4 INCH SPACE AT TOP OF TANK FOR FUEL EXPANSION.

DO NOT ADD GASOLINE WHILE ENGINE IS HOT OR RUNNING.

DO NOT OPERATE WHILE FUEL CAP IS REMOVED.

25 113 10-S

# DECALS

## (Command PRO CS Singles)

**KOHLER**  
COMMAND PRO 6

Gold on black

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

**KOHLER**

Gold on black

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

**KOHLER**  
COMMAND PRO 6

Gold on black

63 113 17-S - 4 HP (2.5" dia.)  
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.)

ENGINE MAINTENANCE INFORMATION	
AIR CLEANER	OIL
Pre-Cleaner - Check Daily Paper Element - Inspect weekly replace or clean. Tap lightly to remove dirt. Inspect more often in dusty conditions.	Check engine oil level daily by sitting, dipping into fill tube. Oil Change - once 20 hours/1 month whichever occurs first. Turn on - SAE 30 Winter use - SAE 10W-30
FOR TECHNICAL SAFETY WARNINGS AND DETAILED MAINTENANCE INSTRUCTIONS SEE THE KOHLER OWNERS MANUAL. SALES SERVICE INFORMATION: 1-800-4-A-KOHLER, 1-800-544-3444	

63 113 03-S

### WARNING



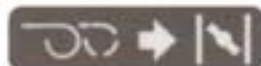
**EXPLOSIVE  
FUEL CAN  
CAUSE  
FIRES AND  
SEVERE  
BURNS.**

**STOP ENGINE BEFORE  
FILLING FUEL TANK.  
LEAVE 5/8 INCH AT  
TOP OF TANK FOR FUEL  
EXPANSION.  
SEE OWNER'S MANUAL.**

63 113 06-S

This spark ignition system meets all requirements of the Canadian Interference Causing Equipment Regulations.  
Ce système d'allumage respecte toutes les exigences sur le matériel brouilleur du Canada.

63 113 07-S



63 113 10-S - Choke (4, 6 HP)



63 113 02-S - Choke (8.5, 10, 12 HP)



63 113 01-S - Speed



63 113 16-S - Ignition (4, 6 HP)



63 113 15-S - Ignition (8.5, 10, 12 HP)



# DECALS (Command Singles)



15 113 34-S - Non-PRO,  
silver on black, red stripe



PRO, shiny gold on black  
15 113 36-S



15 113 32-S - Spanish language version



15 113 37-S - Go-kart



Non-PRO, silver on black, red stripe  
12 113 41-S - 12.5 HP    12 113 46-S - 15 HP  
12 113 42-S - 14 HP    12 113 82-S - 16 HP  
12 113 45-S - 13 HP



New PRO, 1/8" thick plastic, raised gold letters/  
numbers on black background, red stripe  
12 146 17-S - 11 HP    12 146 20-S - 14 HP  
12 146 18-S - 12.5 HP    12 146 21-S - 15 HP  
12 146 19-S - 13 HP



Old PRO, shiny gold on black  
12 113 86-S - 11 HP    12 113 88-S - 14 HP  
12 113 90-S - 12.5 HP    12 113 89-S - 15 HP  
12 113 87-S - 13 HP



Old PRO, silver on black  
12 113 29-S - 11 HP    12 113 31-S - 14 HP  
12 113 30-S - 12.5 HP    12 113 67-S - 15 HP  
12 113 66-S - 13 HP



12 113 79-S - 14 HP    12 113 80-S - 16 HP  
12 113 95-S - 15 HP    (Simplicity)



12 113 103-S - 16 HP



12 113 74-S - 15 HP  
12 113 81-S - 16 HP



12 113 64-S - 15 HP    12 113 77-S - 16 HP  
12 113 55-S - 15.5 HP    12 113 85-S - 16.5 HP



12 113 93-S - 16 HP  
12 113 94-S - 16.5 HP



12 113 84-S - 15 HP

(Note: All decals shown smaller than actual size)

# DECALS

## (Command Singles)



15 113 24-S



15 113 26-S



15 113 27-S



15 113 28-S



15 113 25-S



15 113 29-S



12 113 21-S



15 113 08-S - black on clear  
15 113 13-S - white on black



15 113 33-S



15 113 18-S



15 113 16-S



25 113 16-S



New PRO, matte gold on black  
25 113 25-S - 2.5" dia.



Old PRO, shiny gold on black  
25 113 22-S - 2.5" dia.

# DECALS (Command Singles)



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



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



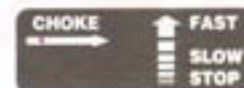
12 113 27-S (100 hr. oil interval,  
summer SAE 30)



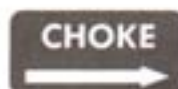
12 113 56-S (Spanish, 100 hr oil interval)



12 113 17-S



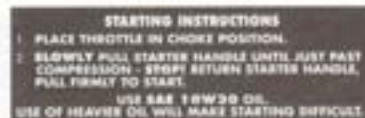
12 113 22-S - white on clear



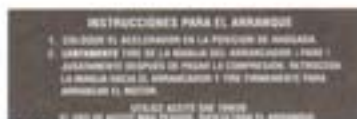
12 113 16-S - white on clear



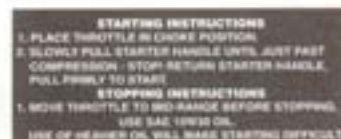
12 113 25-S



12 113 07-S (Starting)



12 113 57-S (Starting, Spanish)



12 113 71-S - (Starting/Stopping)



15 113 04-S - black on clear



15 113 10-S (Summer SAE 30)



15 113 14-S (Summer 10W 30)



# DECALS (OHC Twins)

## KOHLER OHC 18

- V-TWIN
- OVERHEAD CAM DESIGN
- PRESSURE LUBRICATION
- EXTENDED SERVICE INTERVALS
- CAST IRON CYLINDER LINERS

28 113 02-S - 16 HP (Air Cleaner Cover)

28 113 09-S - 18 HP (Air Cleaner Cover)

## 18HP V-TWIN

28 113 08-S - 16 HP (Fuel Tank)

28 113 10-S - 18 HP (Fuel Tank)



28 113 05-S (Starter)



28 113 06-S (Filter)

# DECALS (Command Twins)



Non-PRO, silver on black, red stripe

24 113 10-S - 16 HP	24 113 13-S - 22 HP - w/ Smart Spark
24 113 32-S - 17 HP	24 113 71-S - 22 HP - w/o Smart Spark
24 113 11-S - 18 HP	24 113 81-S - 23 HP - w/o Smart Spark
24 113 33-S - 19 HP	24 113 09-S - 25 HP - w/ Smart Spark, Power Bore
24 113 12-S - 20 HP	24 113 52-S - 25 HP - w/o Smart Spark, Power Bore
	24 113 41-S - 26 HP (EFI)



Old PRO, shiny gold on black

24 113 59-S - 17 HP	24 113 85-S - 23 HP
24 113 60-S - 18 HP	24 113 63-S - 25 HP
24 113 61-S - 20 HP	24 113 64-S - 26 HP
24 113 62-S - 22 HP	



New PRO, 1/8" thick plastic, raised matte gold letters and numbers on black background, red stripe

24 146 22-S - 17 HP	24 146 25-S - 22 HP
24 146 23-S - 18 HP	24 146 26-S - 23 HP
24 146 24-S - 20 HP	24 146 27-S - 25 HP
	24 146 28-S - 26 HP (EFI)



Old PRO, shiny gold on black

24 113 65-S - 17 HP	24 113 64-S - 23 HP
24 113 66-S - 18 HP	24 113 69-S - 25 HP
24 113 67-S - 20 HP	24 113 70-S - 26 HP
24 113 68-S - 22 HP	



New PRO, same as plastic above, but a decal. Primarily for round air cleaner covers.

24 113 93-S - 17 HP	24 113 96-S - 22 HP
24 113 94-S - 18 HP	24 113 90-S - 23 HP
24 113 95-S - 20 HP	24 113 97-S - 25 HP
	24 113 100-S - 26 HP (EFI)



24 113 72-S - 18 HP	24 113 82-S - 23 HP
24 113 73-S - 20 HP	24 113 75-S - 25 HP
24 113 74-S - 22 HP	



New PRO, same as plastic above, but shorter, wider and no red stripe. Primarily for rear of flat air cleaner covers.

24 146 29-S - 17 HP	24 146 32-S - 22 HP
24 146 30-S - 18 HP	24 146 33-S - 23 HP
24 146 31-S - 20 HP	24 146 34-S - 25 HP
	24 146 35-S - 26 HP (EFI)



24 113 19-S - 18 HP
24 113 20-S - 20 HP
24 113 21-S - 22 HP - w/ Smart Spark
24 113 83-S - 23 HP - w/o Smart Spark
24 113 22-S - 25 HP - w/ Smart Spark, Power Bore
24 113 51-S - 25 HP - w/o Smart Spark, Power Bore

# DECALS

## (Command Twins)



24 113 30-S - 20 HP    24 113 23-S - 22 HP  
24 113 36-S - 20.5 HP    24 113 29-S - 22.5 HP



24 113 53-S - 18 HP  
24 113 54-S - 20 HP  
24 113 55-S - 22 HP



24 113 28-S



24 113 101-S - 20 HP



Black on silver, high-temperature material. (Cub Cadet)

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 86-S - 18 HP  
24 113 87-S - 20 HP



24 113 79-S - 20 HP (Simplicity)  
24 113 80-S - 25 HP



24 113 42-S - 18 HP  
24 113 43-S - 20 HP  
24 113 44-S - 22 HP

# DECALS (Command Twins)



24 113 04-S



24 113 05-S  
24 113 58-S



24 113 06-S



24 113 15-S



24 113 14-S



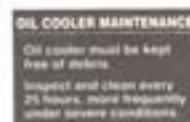
24 113 35-S



25 113 17-S



24 113 03-S



24 113 25-S



24 113 45-S



New PRO, matte gold on black  
24 113 24-S - 1.69" dia.



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



Old PRO, shiny gold on black  
25 113 21-S - 1.75" dia.



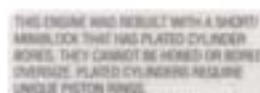
24 113 31-S



24 113 77-S



24 113 57-S



24 113 56-S



24 113 78-S



# DECALS

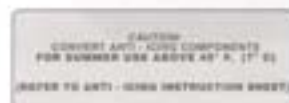
## (All Command)



25 113 12-S



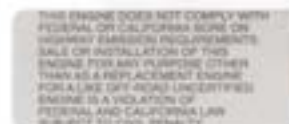
25 113 27-S



25 113 23-S



25 113 13-S



25 113 28-S



25 113 05-S (White on clear)



25 113 14-S (Black on clear)

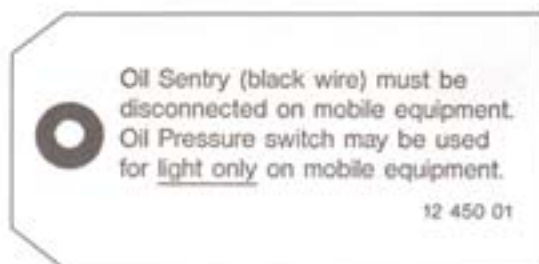


25 113 19-S



25 113 18-S

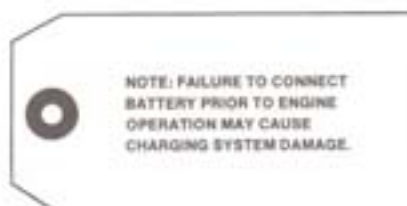
# HANG TAGS (All Models)



12 450 01-S



25 450 07-S



15 450 01-S



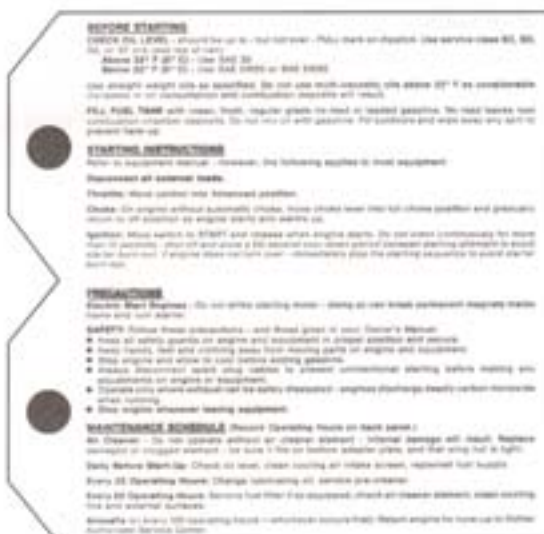
25 450 03-S



(Outside)



25 450 05-S



(Inside)

47 450 02-S Recoil/Electric Start  
52 450 03-S Electric Start

# HANG TAGS & POST CARDS (All Models)

## U.S.A. SELLING DEALER

This engine does not comply with current Federal Emission Regulations. Sale or installation of this engine for any purpose other than as a replacement engine is a violation of Federal Law.

To show that you have not violated Federal Law, please keep the following information. It is recommended you keep this information on file for at least two (2) years.

### THIS REPLACEMENT ENGINE:

Model \_\_\_\_\_ Spec No. \_\_\_\_\_ Serial No. \_\_\_\_\_

### ENGINE YOU ARE REPLACING:

Model \_\_\_\_\_ Spec No. \_\_\_\_\_ Serial No. \_\_\_\_\_

Date \_\_\_\_\_

25 450 09-S

25 450 09-S

## U.S.A. SELLING DEALER. YOUR ASSISTANCE IS NEEDED.....

Kohler Co. needs your help to comply with Federal Emission Regulations. Please complete and return this postage-paid postcard upon selling this replacement engine. Thank you in advance for returning this postcard.

### THIS REPLACEMENT ENGINE:

Model \_\_\_\_\_ Spec No. \_\_\_\_\_ Serial No. \_\_\_\_\_

### ENGINE YOU ARE REPLACING:

Model \_\_\_\_\_ Spec No. \_\_\_\_\_ Serial No. \_\_\_\_\_

PLEASE RETURN TO KOHLER CO. THANKS!

25 825 01-S

(Back Side)

## DESIGNED FOR YOUR COMFORT

Fuel-efficient carburetion components reduce exhaust emissions. Starting will normally require application of choke, even when engine is hot.

### AND SAFETY

Shipped without fuel. Due to carburetor fill time, initial start may require more than one (1) 30 second start cycle.

(over)

FOR OPERATING  
INSTRUCTIONS SEE  
OWNER'S MANUAL

**KOHLER ENGINES**

(Front Side)

## STARTING INSTRUCTIONS

Disconnect all external loads.

### Choke:

Move choke lever into full choke position and gradually return to off position as engine starts and warms up.

### Ignition:

Move switch to START and release when engine starts. Do not crank continuously for more than 30 seconds - shut off and allow a 2-minute cool-down period between starting attempts to avoid starter burn-out.

(over)

(Back Side)

25 450 06-S



**BUSINESS REPLY MAIL**  
FIRST CLASS PERMIT NO. 1 KOHLER, WI 53044

POSTAGE WILL BE PAID BY ADDRESSEE

KOHLER CO.  
ENGINE FIELD SALES  
M/S 102  
444 HIGHLAND DRIVE  
KOHLER, WI 53044-9986



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES



(Front Side)  
25 825 01-S

# PROFIT PROGRAMS

KOHLER ENGINES ACCESSORIES



Certification #0501/0177

FOR MORE INFORMATION, CONTACT YOUR KOHLER SOURCE OF SUPPLY,  
OR CALL 1-800-544-2444.

KOHLER CO., KOHLER, WISCONSIN 53044 TOLL FREE US AND CANADA 1-800-544-2444 TEL 920-457-4441 FAX 920-459-1570  
[www.kohlerengines.com](http://www.kohlerengines.com)

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**engines**  
**BORN TO RUN™**

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