

# KOHLER ENGINES Service Parts List

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**Material No:** EKCH680-0027 - CH680 MILLER ELECTRIC - LEGEND

**Plant:** Kohler

**BOM Valid From Date:** 02/03/2009

*Quantities greater than one are shown in parentheses following the part description*

## CRANKSHAFT GROUPING

CRANKSHAFT	24 014 86-S
PLUG, CUP	52 139 09-S

## CRANKCASE GROUPING

SEAL, OIL (HELIX LIP)	24 032 19-S
USE 24 380 16-S PIN (6)	24 380 13-S
PLUG, CUP	25 139 28-S
PLUG, CUP	52 139 09-S
KIT, CAMSHAFT	24 012 10-S
PLUG, SQ HD PIPE 3/8"	25 139 57-S
RETAINER, PISTON PIN (4)	24 018 01-S
KIT, PISTON W/RING SET (STD) (2)	24 874 34-S
KIT, PISTON W/RING SET (.08) (2)	24 874 35-S
CONNECTING ROD (STD) (2)	24 067 24-S
FITTING, BARBED	24 294 22-S
HOSE, OIL	24 326 66-S
CAP, OIL DRAIN VALVE	25 173 14-S
CLAMP	25 237 02-S
TIE	25 454 07-S
KIT, OIL DRAIN VALVE	25 755 14-S
CONNECTING ROD (.25) (2)	24 067 25-S
RING SET, PISTON (STD)	24 108 18-S
KIT, OIL DRAIN	24 755 133-S
KIT, PISTON W/RING SET (.25)	24 874 36-S
KIT, PISTON W/RING SET (.50)	24 874 37-S

## LUBRICATION GROUPING

KIT, CLOSURE PLATE ASSEMBLY	24 009 98-S
SCREW, FLG M8X1.25X45 (10)	24 086 17-S
O-RING	24 153 08-S
SEAL, OIL	25 032 06-S
CONNECTOR, 90° HOSE	25 155 02-S
O-RING, OIL PICK-UP	24 153 01-S
PICK-UP, OIL	24 381 04-S
KIT, OIL PICK-UP TUBE	82 755 29-S
KIT, OIL PUMP ASSEMBLY	24 393 51-S
USE 24 393 51-S KIT	24 393 37-S
WASHER, FLAT 6 MM (2)	M-631005-S
SCREW, FLG THD FRM M6X1.0X25 (2)	M-645025-S
KIT, DIPSTICK	24 038 15-S
O-RING, DIPSTICK	25 153 02-S
FILTER, OIL	12 050 01-S
NIPPLE, OIL FILTER	24 136 01-S
SWITCH, OIL PRESSURE	25 099 23-S
SCREW, FLG M8X1.25X50	12 086 13-S
TUBE, OIL FILL ASSEMBLY	24 123 23-S

**CYLINDER HEAD/VALVE/BREATHER GROUPING**

SCREW, FLG M10X1.5X90 (8)	12 086 16-S
KIT, GASKET CYLINDER HEAD (2)	24 841 02-S
VALVE, INTAKE (STD) (2)	24 017 01-S
SEAL, VALVE STEM (2)	66 032 05-S
VALVE, EXHAUST (STD) (2)	24 016 01-S
RETAINER, SPRING (4)	235011-S
KIT, RETAINER (8)	12 755 03-S
CAP, VALVE SPRING (4)	12 173 01-S
SPRING, VALVE (4)	24 089 02-S
ROD, PUSH (4)	24 411 05-S
PIVOT, ROCKER ARM (4)	24 599 02-S
ARM, ROCKER (4)	25 186 01-S
KIT, HYDRAULIC VALVE LIFTER (4)	25 351 04-S
SCREW, FLG M6X1.0X34 (4)	M-640034-S
KIT, VALVE COVER-PLAIN (2)	24 755 141-S
O-RING, VALVE COVER (2)	24 153 30-S
STRAP, LIFTING (2)	25 445 01-S
SCREW, FLG M6X1.0X30 (8)	M-651030-S
FILTER, BREATHER	24 050 11-S
REED, BREATHER	24 402 03-S
RETAINER, REED	66 018 04-S
SCREW, FLG THD FRM M5X.8X10	M-545010-S
GASKET, BREATHER	24 041 64-S
KIT, BREATHER ASSEMBLY	24 033 01-S
HOSE, BREATHER	24 326 89-S
CLAMP, BAND SPRING HOSE	25 237 08-S
SCREW, FLG THD FRM M6X1.0X20 (4)	M-645020-S
VALVE, EXHAUST (.25) (2)	24 016 02-S
VALVE, INTAKE (.25) (2)	24 017 02-S
KIT, #1 CYLINDER HEAD ASSEMBLY	24 318 107-S
KIT, #2 CYLINDER HEAD ASSEMBLY	24 318 115-S
KIT, CYLINDER HEAD HARDWARE (2)	24 755 147-S
KIT, VALVE TRAIN	24 755 66-S

**IGNITION/CHARGING GROUP**

PLUG, SPARK (STD) (2)	12 132 02-S
KIT, 15 AMP STATOR	237878-S
CONNECTOR	SAME
CONNECTOR	25 155 41-S
SCREW, THD FRM M5X0.8X25 (2)	M-548025-S
SCREW, FLG M10X1.5X45	12 086 14-S
WASHER, FLAT 13/32"	12 468 03-S
FLYWHEEL ASSEMBLY	24 025 63-S
KEY, 3/16" X 5/8"	X-42-15-S
FAN	24 157 11-S
SCREEN,GRASS LOW PRFLE W/O HOLE	24 162 35-S
SCREW, SEMS DOG POINT (4)	25 086 126-S
BOLT, SHOULDER (4)	25 086 47-S
KIT, MODULE IGNTN (CDI FIXED) (2)	24 584 45-S
SCREW, FLG THD FRM M5X.8X20 (4)	M-545020-S
BRACKET, GROUND STRAP	24 126 137-S
SCREW, HEX FLANGE HI-LO (2)	25 086 157-S
RECTIFIER-REGULATOR	41 403 09-S
CLIP, CABLE	235173-S
HARNESS, WIRING ASSEMBLY	24 176 124-S
WASHER, FLAT 1/4"	X-25-63-S

**BLOWER HOUSING & BAFFLE GROUPING**

SCREW, FLG THD FRM M5X0.8X16	M-545016-S
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SCREW, FLG THD FRM M6X1.0X20 (3)	M-645020-S
SCREW, FLG THD FRM M5X.8X16	M-561016-S
KIT, BACKING PLATE	24 146 55-S
SCREW, FLG THD FRM M6X1.0X16 (4)	M-645016-S
BAFFLE, VALLEY #2 SIDE	32 063 02-S
BAFFLE, VALLEY #1 SIDE	32 063 03-S
KIT, CYL BAFFEL #1 SIDE	24 063 85-S
KIT, CYL BAFFEL #2 SIDE	24 063 88-S
SCREW, FLG THD FRM M5X.8X10 (2)	M-545010-S
SCREW, FLG THD FRM M5X0.8X16 (2)	M-545016-S
SCREW, FLG THD FRM M6X1.0X16	M-645016-S
KIT, BLOWER HOUSING ASSEMBLY	24 027 175-S
<b>STARTING GROUPING</b>	
STARTER, SOLENOID SHIFT	25 098 11-S
SCREW, EXTERNAL TORX HEAD (3)	25 086 113-S
KIT, BRUSH HOLDER	25 221 01-S
USE 25 435 06-S SOLENOID ASSY	25 435 05-S
KIT, STARTER PINION	25 755 33-S
SCREW, FLG M8X1.25X80 (2)	M-851080-S
<b>FUEL SYSTEM GROUPING</b>	
CARBURETOR W/GASKETS	24 853 59-S
KIT, HIGH ALTITUDE	24 755 125-S
KIT, REPAIR FLOAT	24 757 02-S
KIT, REPAIR SOLENOID	24 757 01-S
KIT, REPAIR CARBURETOR	24 757 03-S
KIT, REPAIR CHOKE	24 757 07-S
LEAD, GROUND	24 518 24-S
SCREW, FLG M6X1.0X25 (2)	25 086 124-S
FILTER, FUEL	25 050 22-S
LINE, FUEL (24"-CUT TO LENGTH)	25 111 34-S
CLAMP, HOSE 1/2" (2)	25 237 14-S
SCREW, TAP M6X1.7X18 (2)	24 086 12-S
PUMP, FUEL	24 393 16-S
NUT, PLASTIC - BLACK (2)	25 100 37-S
TIE, CABLE	12 454 03-S
LINE, FLEXIBLE FUEL 15 1/2"	24 353 02-S
USE 24 431 02-S SLEEVE	24 431 01-S
LINE, FUEL (24"-CUT TO LENGTH)	25 111 34-S
SCREW, FLNG THD FRM M6X1.0X10	25 086 158-S
CLIP, CABLE (2)	47 154 01-S
CLIP, CABLE	47 154 01-S
<b>ENGINE CONTROL GROUPING</b>	
ADAPTER, CARBURETOR LEVER	24 029 78-S
SCREW, LBD SCKT PAN M5X0.8X10	24 086 35-S
NUT, LOCK M5X.8	M-547050-S
LINKAGE, THROTTLE	24 079 04-S
SPRING, LINKAGE	24 089 54-S
KIT ACTUATOR, LINEAR-DIGITAL	24 179 02-S
BUSHING, LINKAGE RETAINING	25 158 08-S
BUSHING, THROTTLE LINKAGE	25 158 11-S
BRACKET, ACTUATOR	24 126 115-S
SCREW, FLG THD FRM M5X.8X10 (2)	M-545010-S
SCREW, FLG THD FRM M5X0.8X16 (2)	M-545016-S
BRACKET, CONTROLS	24 126 114-S
SCREW, FLG THD FRM M6X1.0X16 (4)	M-645016-S
CLAMP, CABLE	12 237 01-S
SPACER	15 112 08-S
LINKAGE, CHOKE	24 079 18-S

LEVER, CHOKE	24 090 39-S
SCREW, FLG THD FRM M5X0.8X16	M-545016-S
SCREW, FLG THD FRM M6X1.0X20	M-645020-S
SCREW, PHL HD #11-16X1/2" (4)	24 086 41-S
NUT, PLASTIC (2)	24 100 02-S
PANEL, ELEC GOV'R MOUNTING	24 378 05-S
MODULE, ELECTRONIC GOVERNOR	24 584 55-S
<b>AIR INTAKE/FILTRATION GROUPING</b>	
GASKET, AIR CLEANER BASE	24 041 06-S
SCREW, FLG THD FRM M6X1.0X16 (3)	24 086 53-S
BASE, AIR CLEANER	24 094 37-S
BRACKET, AIR CLEANER BASE	24 126 130-S
SCREW, FLG THD FRM M5X.8X10 (2)	M-545010-S
SEAL	230046-S
NUT, WING	12 100 01-S
ELEMENT, AIR FILTER	24 083 03-S
PRE-CLEANER	24 083 05-S
COVER, INNER AIR CLEANER	24 096 01-S
BRACKET, AIR CLEANER	24 126 88-S
COVER, AIR CLEANER	24 096 70-S
COVER, AIR CLEANER	24 096 67-S
O-RING	24 153 20-S
KNOB, COVER	25 341 04-S
KIT, INTAKE MANIFOLD	24 164 93-S
GASKET, CARBURETOR	24 041 53-S
O-RING, INTAKE PORT (2)	24 153 27-S
SCREW, FLG M6X1.0X40 (4)	M-651040-S
COVER, AIR CLEANER	24 096 26-S
KIT, AIR CLEANER COVER	24 743 06-S
KIT, KNOB W/SEAL	54 755 01-S
<b>EXHAUST GROUP</b>	
STUD M8X1.25X33 (4)	25 072 14-S
<b>CH IDENTIFICATION GROUP</b>	
DECAL, OIL SENTRY	25 113 05-S
DECAL, CLEAR LAMINATE	25 113 39-S
TIE	25 454 05-S
<b>Accessories</b>	
GASKET, EXHAUST (2)	24 041 49-S
NUT, FLG M8X1.25 (5)	M-841080-S
<b>Speed Settings</b>	
HIGH SPEED SETTING	RPM-3600

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\*\*\* System Announcements \*\*\*

System maintenance is scheduled every Sunday from 3:00 a.m. until 12:15 p.m. CST.  
 KOHLERnet may not be available during this time frame.