

# KOHLER ENGINES Service Parts List

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**Material No:** EKCV730-3117 - CV730S CTP-ZTR-ESTATE

**Plant:** Kohler

**BOM Valid From Date:** 02/17/2009

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

## CRANKSHAFT GROUPING

CRANKSHAFT	24 014 44-S
PLUG, CUP	52 139 09-S

## CRANKCASE GROUPING

RETAINER, BREATHER REED (2)	24 018 04-S
SEAL, OIL (HELIX LIP)	24 032 19-S
FITTING	24 294 13-S
USE 24 380 16-S PIN (4)	24 380 13-S
PIN, LOCATING (2)	24 380 16-S
REED, BREATHER (2)	24 402 05-S
PLUG, CUP	52 139 09-S
SCREW, FLG THD FRM M5X.8X10 (2)	M-545010-S
SHIM, CAMSHAFT (WHITE .028")	12 422 07-S
KIT, CAMSHAFT	24 012 16-S
RETAINER, PISTON PIN (4)	24 018 01-S
KIT, PISTON W/RING SET (STD) (2)	25 874 01-S
KIT, PISTON W/RING SET (0.08) 83mm (2)	25 874 02-S
CONNECTING ROD (STD) (2)	24 067 24-S
RETAINER, RING	24 018 09-S
SHAFT, GOVERNOR CROSS	24 144 38-S
WASHER, FLAT 11/32"	24 468 15-S
SEAL, GOVERNOR CROSS SHAFT	28 032 09-S
WASHER, FLAT 9 MM	M-931010-S
BRACKET, OIL FILL TUBE	24 126 19-S
TUBE ASSEMBLY	25 123 07-S
USE 12 123 35-S ASSEMBLY	12 123 04-S
O-RING, LOWER OIL FILL TUBE	12 153 01-S
O-RING, UPPER OIL FILL TUBE	12 153 02-S
SCREW, FLG THD FRM M5X0.8X16	M-545016-S
O-RING, DIPSTICK	25 153 02-S
KIT, OIL FILL CAP (YELLOW)	24 755 46-S
DIPSTICK, ASSY	24 038 04-S
CONNECTING ROD (.25) (2)	24 067 25-S
USE 25 874 01-S KIT	24 874 26-S
KIT, PISTON W/RING SET (.50)	24 874 29-S
KIT, PISTON W/RING SET (0.25) 83mm	25 874 03-S

## OIL PAN/LUBRICATION GROUPING

KIT,OIL PAN GSKT(SELECT-A-SEAL)	24 041 54-S
SCREW, FLG M8X1.25X45 (10)	24 086 17-S
KIT, OIL PAN ASSEMBLY	24 199 21-S
SHIM, THRUST (BLACK .686MM)	24 422 05-S
SEAL, OIL	25 032 06-S
PLUG, PIPE CTSK 3/8"	25 139 62-S
PLUG, HD PIPE 3/8"	52 139 02-S
SHAFT, GOVERNOR GEAR	12 144 02-S

PIN, GOVERNOR REGULATING	12 380 01-S
KIT, GOVERNOR GEAR W/PIN	24 043 12-S
TAB, LOCKING	24 448 02-S
O-RING, OIL PICK-UP	24 153 01-S
SCREEN, OIL	24 162 26-S
KIT, OIL PICK-UP TUBE	24 381 11-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
FILTER, OIL	12 050 01-S
NIPPLE, OIL FILTER	24 136 01-S

**CYLINDER HEAD/ VALVE/ BREATHER GROUP**

SCREW, FLG M10X1.5X90 (8)	12 086 16-S
GASKET, CYLINDER HEAD (C25-C730/745) (2)	24 841 03-S EXCPT
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	24 755 141-S
KIT, BREATHER VALVE COVER	24 755 142-S
O-RING, VALVE COVER (2)	24 153 30-S
STRAP, LIFTING	25 445 01-S
SCREW, FLG M6X1.0X30 (8)	M-651030-S
KIT, BREATHER SEPARATOR	24 755 57-S
GROMMET, RUBBER	25 313 03-S
GASKET, BREATHER	24 041 64-S
KIT, BREATHER COVER W/GASKET	24 033 03-S
HOSE, BREATHER	24 326 54-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, CYLINDER HEAD #1	24 318 108-S
KIT, CYLINDER HEAD #2	24 318 116-S
KIT, CYLINDER HEAD HARDWARE (2)	24 755 147-S
KIT, VALVE TRAIN	24 755 66-S
KIT, CYLINDER HEAD GASKET	24 841 03-S

**IGNITION/ CHARGING GROUPING**

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 59-S
KEY, 3/16" X 5/8"	X-42-15-S
FAN	24 157 12-S
KIT, GRASS SCREEN	54 755 15-S
SCREW, FLG SEMS M4X.7X25 (4)	25 086 117-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
KIT, WIRING HARNESS	24 176 112-S
CONNECTOR (1 CONTACT)	277563-S
LEAD, DUPLEX	24 176 41-S
TIE (2)	25 454 07-S
LEAD, 20/25 Amp B+	25 518 34-S
WASHER, FLAT 1/4"	X-25-63-S
CLIP	210281-S

**BLOWER HOUSING AND BAFFLE GROUP**

NUT, PLASTIC (2)	24 100 02-S
SCREW, FLG THD FRM M6X1.0X16	M-645016-S
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 #1 CYLINDER	24 063 89-S
BAFFLE, VALLEY #2 CYLINDER	24 063 90-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 (2)	M-645016-S
SCREW, PHL HD #11-16X7/8" (2)	24 086 18-S
SPACER	24 112 12-S
BRACKET, BREATHER SEPARATOR	24 126 44-S
STRAP, BREATHER	24 445 02-S
KIT, FIXED GUARD	24 755 81-S
INSERT, THREADED (5)	24 332 01-S
SCREW, SEMS (5)	25 086 160-S
KIT, BLOWER HOUSING ASSEMBLY	24 027 197-S
KIT, BREATHER SEPARATOR	24 755 57-S

**STARTING GROUPING**

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
NUT, FLG M8X1.25	M-841080-S
SCREW, FLG M8X1.25X80 (2)	M-851080-S

**FUEL SYSTEM GROUPING**

KIT, CARBURETOR w/GASKETS	24 853 92-S
KIT, REPAIR OVERHAUL	24 757 18-S
KIT, REPAIR SERVICE CHOKE	24 757 19-S
KIT, REPAIR SERVICE GASKET	24 757 20-S
KIT, ACC PUMP W/GASKETS	24 757 21-S
KIT, REPAIR SOLENOID VALVE	24 757 22-S
BOWL, FLOAT	24 234 02-S
GASKET, CARBURETOR	24 041 15-S
FILTER, FUEL	24 050 13-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
LINE, FUEL 11"	24 353 12-S
USE 24 431 02-S SLEEVE	24 431 01-S
LINE, FUEL (24"-CUT TO LENGTH)	25 111 34-S
<b>ENGINE CONTROL GROUPING</b>	
SCREW, PHL HD 11-16X3/4" (2)	24 086 06-S
BRACKET, CONTROL	24 126 111-S
BRACKET, THROTTLE SHAFT	24 126 162-S
SCREW, FLG THD FRM M6X1.0X16	M-645016-S
WASHER, SPRING 3/8"	277341-S
LINKAGE, CHOKE	24 079 10-S
LEVER, CHOKE	24 090 20-S
BUSHING, THROTTLE LINKAGE	25 158 11-S
SPACER	25 431 01-S
SCREW, FLG M6X1.0X16	M-639016-S
NUT, LOCK M6X1.0	M-647060-S
WASHER, FLAT 1/4"	X-25-52-S
SPRING, THROTTLE SHAFT	24 089 20-S
SPRING, GOVERNOR (BLACK)	24 089 46-S
LEVER, THROTTLE CONTROL	24 090 09-S
LEVER, THROTTLE CONTROL	24 090 12-S
SPACER	24 112 10-S
SHAFT, THROTTLE	24 144 11-S
SCREW, CAP M4X.7X30	M-401030-S
NUT, M4X0.7	M-446030-S
NUT, LOCK M6X1.0 (2)	M-647060-S
WASHER, FLAT 1/4" (2)	X-25-72-S
LEVER, GOVERNOR	24 090 51-S
BOLT, RD HD SQ NECK M6X1.0X25	24 211 03-S
NUT, FLG M6X1.0	M-641060-S
LINKAGE, THROTTLE	24 079 04-S
SPRING, LINKAGE	24 089 01-S
BUSHING, LINKAGE RETAINING	25 158 08-S
BUSHING, THROTTLE LINKAGE	25 158 11-S
CLAMP, CABLE (2)	12 237 01-S
SCREW, FLG THD FRM M5X0.8X16 (2)	M-545016-S
<b>AIR INTAKE GROUP (HDAC MOUNTED)</b>	
GASKET, AIR CLEANER BASE	24 041 14-S
ELBOW, AIR CLEANER	24 054 16-S
STUD, M6X1.0X180 (2)	24 072 10-S
CONNECTOR, HOSE	25 155 38-S
NUT, LOCK M6X1.0 (2)	M-647060-S
HOSE, AIR CLEANER	24 326 72-S
CLEANER, AIR-CANISTER	25 048 11-S
VALVE, DUST EJECTOR	24 462 07-S
HOUSING, HD AIR CLEANER	25 081 01-S
ELEMENT, AIR FILTER - PRIMARY	25 083 01-S
ELEMENT, AIR FILTER - SAFETY	25 083 04-S
COVER ASSEMBLY, AIR CLEANER	25 096 06-S
PLUG, PIPE	25 139 20-S
CLIP (2)	25 154 05-S
USE 25 237 21-S HOSE CLAMP	25 237 07-S
USE 25 237 21-S HOSE CLAMP	25 237 07-S
HOOD, AIR CLEANER	25 324 02-S
TIE	25 454 04-S
BRACKET, MAIN SUPPORT	24 126 164-S
BRACKET, AIR CLEANER MOUNTING	24 126 165-S

BRACKET ASSY, AIR CLEANER	25 126 02-S
SCREW, FLG M6X1.0X16 (4)	M-639016-S
NUT, LOCK M6X1.0 (4)	M-647060-S
WASHER, FLAT 1/4" (4)	X-25-73-S
GASKET, INTAKE MANIFOLD (2)	24 041 01-S
MANIFOLD, INTAKE	24 164 06-S
SCREW, FLG M6X1.0X55 (4)	25 086 84-S
COVER, BLOWER HOUSING (2)	24 096 17-S
SCREW, WSH HD TAP #8-18X1/2" (2)	25 086 91-S
<b>EXHAUST GROUP</b>	
GASKET, EXHAUST (2)	24 041 49-S
STUD M8X1.25X33 (4)	25 072 14-S
TIE	25 454 05-S
<b>CV IDENTIFICATION GROUP</b>	
DECAL, 25 HP	24 113 97-S
DECAL, GRASS SCREEN	25 113 24-S
DECAL, AIR CLEANER	25 113 27-S
DECAL, CLEAR LAMINATE	25 113 39-S
TIE	25 454 05-S
<b>CV23 MINI BLOCK GROUPING</b>	
CV23-674 MINI BLOCK	24 782 14
<b>Speed Settings</b>	
IDLE SPEED SETTING	RPM-1450
HIGH SPEED SETTING	RPM-3675

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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.