

**Engine Model  
CPL**

**6CT 8.3  
(CDC 6.830)**

**TURBOCHARGED**

**Piston Std (m):**  
3163, 9564, 9928

**CUMMINS CPL's**

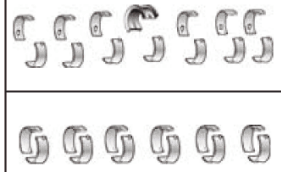
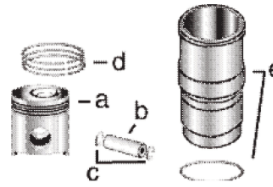
602 828 1274 1603  
603 955 1275 9820  
753 985 1281  
819 1248 1603

**CASE-IH (Agricultural)**

1660 Combine  
1666 Combine, ESN > 44706126 >  
1670 Combine, ESN > 44706125  
1680 Combine, ESN > 44706125  
2044 Cot Picker, ESN > 44706125  
2166 Combine, PIN > JJC0180000  
7110 Tractor  
7120 Tractor  
7130 Tractor  
7140 Tractor, ESN > 44706125  
7150 Tractor, ESN > 44706125  
7210 Tractor  
7220 Tractor, PIN > JJA0064978  
9110 Tractor, ESN > 44706125  
9130 Tractor, ESN > 44706125  
9210 Tractor  
9230 Tractor, ESN > 44706125  
9240 Tractor  
9310 Tractor, PIN > JEE0036001

**CASE (Construction)**

721 Loader  
721B Loader, PIN > JEE053200  
821 Loader  
821B Loader, PIN > JEE050601  
1150E Crawler  
1155E Crawler  
1187C Excav, ESN > 44706125  
1550 Crawler, ESN > 44706125  
9040 Excavator  
9040B Excav, PIN > DAC4#2001  
W36 Loader



| Engine Overhaul & Engine In Frame Kit   | Cylinder Kit Thin Wall (*)  | Cylinder Kit Thick Wall (**)<br>Long Liner  | Cylinder Kit Thick Wall (***)<br>Short Liner   | Main Bearing Set<br>Con Rod Bearing  |
|---|---|---|--|--|
| <p><b><u>COK2400</u></b><br/>Thin Wall</p> <p><b><u>COK2403</u></b><br/>Thick Wall Long</p> <p><b><u>COK2403S</u></b><br/>Thick Wall Short</p> <p>To order an In-Frame Kit change <b>OK</b> to <b>IK</b> in above part number</p> | <p><b><u>C3802400</u></b></p> <p>Consists of:</p> <p>a) <u>C3923163</u><br/>b) <u>C3901597</u><br/>c) <u>C3901996</u><br/>d) <u>C3802258</u><br/>e) <u>C3802370</u></p> <p>( <u>C3907792</u> Liner + <u>C3907177</u> Seal )</p> | <p><b><u>C3802403</u></b></p> <p>Consists of:</p> <p>a) <u>C3923163</u><br/>b) <u>C3901597</u><br/>c) <u>C3901996</u><br/>d) <u>C3802258</u><br/>e) <u>C3802407</u></p> <p>( <u>C3919937</u> Liner + <u>C3907177</u> Seal )</p> | <p><b><u>C3802403S</u></b></p> <p>Consists of:</p> <p>a) <u>C3923163</u><br/>b) <u>C3901597</u><br/>c) <u>C3901996</u><br/>d) <u>C3802258</u><br/>e) <u>C3800328</u></p> <p>( <u>C3948095</u> Liner + <u>C3907177</u> Seal )</p> | <p><b><u>C3802210</u></b> Std.<br/><b><u>C3802211</u></b> 0.25 mm<br/><b><u>C3802212</u></b> 0.50 mm<br/><b><u>C3802213</u></b> 0.75 mm</p> <p><b>Use 1</b></p> <p><b><u>C3901430</u></b> Std.<br/><b><u>C3901431</u></b> 0.25 mm<br/><b><u>C3901432</u></b> 0.50 mm<br/><b><u>C3901433</u></b> 0.75 mm</p> <p><b>Use 12 (1)</b></p> |
| <p>1) Front Seal<br/>2) Rear Seal</p> <p>3) Crankshaft<br/>4) Front Wear Sleeve<br/>5) Rear Wear Sleeve<br/>6) Front Rectangular Seal<br/>7) Rear Rectangular Seal</p>  | <p>1) Top Gasket Set<br/>2) Bottom Gasket Set</p> <p>3) Head Gasket<br/>4) Oil Pan Gasket<br/>5) Valve Cover Gasket<br/>6) Front Gear Gasket<br/>7) Front Cover Gasket<br/>8) Rear Cover Gasket</p>                             | <p>1) Bushing, Piston<br/>2) Bushing, Camshaft</p> <p>3) Camshaft<br/>4) Tappet<br/>5) Head Bolt Long<br/>6) Head Bolt Short<br/>7) Con Rod</p>   | <p>1) Oil Cooler 12 Plate<br/>2) Oil Cooler Gasket<br/>3) Oil Cooler Gasket Filter Head</p>  |  |
| <p>1) <u>C3353977</u><br/>2) <u>C3353978</u><br/>3) <u>C3918986</u><br/>4) <u>C3908277</u><br/>5) <u>C3906081</u><br/>6) <u>C3903475</u><br/>7) <u>C3912473</u></p>   | <p>1) <u>C4025271</u><br/>2) <u>C3800348</u><br/>3) <u>C3938267</u><br/>4) <u>C3914017</u><br/>5) <u>C3905449</u><br/>6) <u>C3929253</u><br/>7) <u>C3917780</u><br/>8) <u>C3914301</u></p>                                      | <p>1) <u>C3913990</u> x6<br/>2) <u>C3943199</u> x7<br/>3) <u>C3924471</u> (2)<br/>4) <u>C3925031</u><br/>5) <u>C3917728</u> x14 (3)<br/>6) <u>C3917729</u> x12 (3)<br/>7) <u>C3901383</u> (4)</p>                               | <p>1) <u>C3918175</u><br/>2) <u>C3918174</u><br/>3) <u>C3914308</u></p>  |  |
| <p>1) Intake, Valve Kit<br/>2) Insert, Valve</p>  | <p>1) <u>C3802463</u></p> <p>Consists of:<br/><u>C3924492</u> Valve x1<br/><u>C3901177</u> Collet x2</p> <p>2) <u>C3924582</u></p> <p><b>Use 6</b></p>  | <p>1) Exhaust, Valve Kit<br/>2) Insert, Valve</p> <p>1) <u>C3802085</u></p> <p>Consists of:<br/><u>C3921444</u> Valve x1<br/><u>C3901177</u> Collet x2</p> <p>2) <u>C3924583</u></p> <p><b>Use 6</b></p>                        | <p>1) Spring, Valve<br/>2) Seal, Valve<br/>3) Guide, Valve<br/>4) Retainer, Valve Spring</p> <p>1) <u>C3906412</u> x12<br/>2) <u>C3915707</u> x12<br/>3) <u>C3923564</u> x12<br/>4) <u>C3912976</u> x12</p>                      |  |

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| <p>1) Water Pump<br/>2) Water Pump Seal<br/>3) Thermostat</p> <p>1) <u>C3800976</u> (5) (6)<br/>2) <u>C3902089</u><br/>3) <u>C3928639</u> x2</p> | <p>Oil Pump</p> <p><u>C3930338</u><br/>(3415365)</p> | <p>1) Fuel Lift Pump<br/>2) Fuel Pump Gsk</p> <p>1) <u>C3917998</u><br/>2) <u>C3914304</u></p> |
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(\*) Block 3802265 (Thin Wall) Flange ø 5.223".  
(\*\*) Block 3802408 (Thick Wall / Long Liner) Flange ø 5.152", (Length: 9.33" / 237 mm).  
(\*\*\*) Block 3934906 (Thick Wall / Short Liner) Flange ø 5.152", (Length: 9.12" / 234 mm).  
(1) Order in multiples of two.  
(2) To use C3924471 to replace 3917882 buy the following from Cummins: 3918777 Cam Gear, 3927155 Thrust and 3902332 Key.  
(3) Only use on engines built from year 1991 onwards.  
(4) Do not use with Crankshaft part number 3965006.  
(5) Some applications use short nose pump C3806180.  
(6) Marine applications use C3800975.