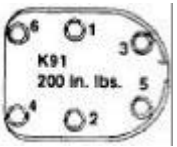





## Kohler K-Series - Single Cylinder Torque Values & Sequences for Fasteners

| Model (Horsepower)                     |                          | K91 (4)                                                                           | K161 (7)                                                                           | K181 (8)                                                                            | K241 (10) K301 (12) K321 (14) K341 (16)                                             |
|----------------------------------------|--------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Connecting Rods <sup>1</sup>           | Posi-Lock <sup>1,2</sup> | -                                                                                 | -                                                                                  | New 140 in. lbs.<br>Used 100 in. lbs.                                               | New 260 in. lbs.<br>Used 200 in. lbs.                                               |
|                                        | Capscrew <sup>1,3</sup>  | 140 in. lbs.                                                                      | 200 in. lbs.                                                                       |                                                                                     | 285 in. lbs.                                                                        |
| Spark Plugs                            |                          | 18-22 ft. lbs.                                                                    | 18-22 ft. lbs.                                                                     |                                                                                     | 18-22 ft. lbs.                                                                      |
| Cylinder Head <sup>1</sup>             |                          |  |  |  |  |
| Flywheel Retaining <sup>5</sup>        | Nut <sup>1</sup>         | 40-50 ft. lbs.                                                                    | 85-90 ft. lbs. <sup>4</sup>                                                        |                                                                                     | 50-60 ft. lbs.                                                                      |
|                                        | Screw <sup>1</sup>       | 250 in. lbs.                                                                      | -                                                                                  |                                                                                     | 22-27 ft. lbs.                                                                      |
| Governor Bushing                       |                          | 70-90 in. lbs.                                                                    | 130-150 in. lbs.                                                                   |                                                                                     | 100-120 in. lbs.                                                                    |
| Grass Screen                           | Metal                    | -                                                                                 | 70-140 in. lbs.                                                                    |                                                                                     | 70-140 in. lbs.                                                                     |
|                                        | Plastic                  | -                                                                                 | -                                                                                  |                                                                                     | 20-30 in. lbs.                                                                      |
| Oil Pan                                | Cast Iron <sup>1</sup>   | 250 in. lbs.                                                                      | Grade 5-250 in. lbs.<br>Grade 8-350 in. lbs.                                       |                                                                                     | 35 ft. lbs.                                                                         |
|                                        | Sheet Metal <sup>1</sup> | -                                                                                 | -                                                                                  |                                                                                     | 200 in. lbs.                                                                        |
| Non Metallic Fuel Pump Mounting screws |                          | -                                                                                 | 37-45 in. lbs.                                                                     |                                                                                     | 37-45 in. lbs.                                                                      |

<sup>1</sup>Lubricate fastener threads with engine oil.

<sup>2</sup>DO NOT overtorque - DO NOT loosen and retorque the hex. nuts on Posi-Lock connecting rods.

<sup>3</sup>Overtorque 20%, loosen below torque value and retorque to final torque value.

<sup>4</sup>Prior to Serial No. 23209832 - 45-55 ft. lbs.

<sup>5</sup>Flywheel and crankshaft tapers must be clean and dry.

Kohler K-Series - Single Cylinder Torque Values & Sequences for Fasteners

NEW - Component directly from stock.

USED - Component that was in a running engine.