

DT466E / DT530E Torque & Rebuild Specs

Main Bearing

Journal Diameter

Std	-	3.535 ± .0006" / 89.8 ± .0152mm
.010" (0.254)		3.525 ± .0006" / 89.5 ± .0152mm
.020" (.508)		3.515 ± .0006" / 89.3 ± .0152mm
.030" (.762)		3.505 ± .0006" / 89.0 ± .0152mm

Max Out of Round - 0.002" / 0.05mm

Max Taper - 0.0028" / 0.0711mm

Journal – Bearing Clearance 0.0018 – 0.0050" / 0.045 - 0.127mm

Connecting Rod

Journal Diameter

Std	-	3.1500 ± .0006" / 80.0 ± .0152mm
.010" (0.254)		3.1400 ± .0006" / 79.7 ± .0152mm
.020" (.508)		3.1300 ± .0006" / 79.5 ± .0152mm
.030" (.762)		3.1200 ± .0006" / 79.2 ± .0152mm

Max Out of Round - .00025" / .0064mm

Max Taper - .00027" / .0069mm

Journal – Bearing Clearance 0.0018 – 0.0050" / 0.045 - 0.127mm

Rod to Crank Side Clearance .012 ± .0045" / 0.304 ± 1143mm

Valve Lash Intk - .025" Exh - .025"

Cylinder Head

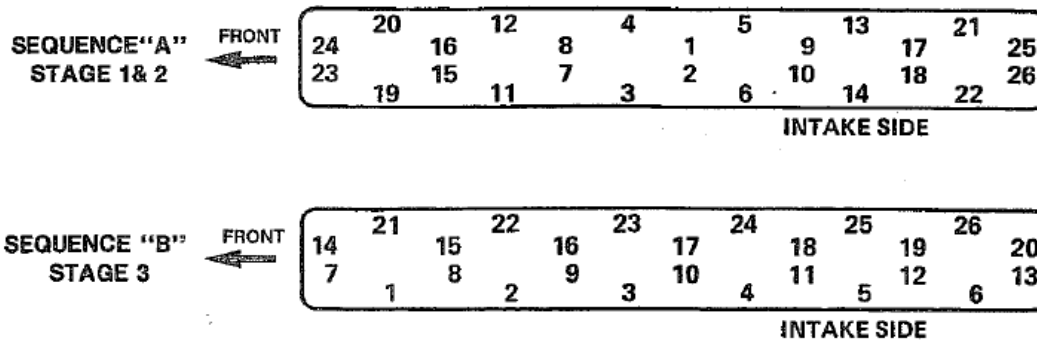
Minimum Head Thickness – 5.040"

Head Bolt Torque -

NOTE 1: Tighten cylinder head bolts following the assembly steps listed:

1. Lubricate bolt threads, bolt head seating areas and washers with clean engine oil.
2. Tighten bolts in three (3) stages.

NOTE 2: + – Tighten in steps as shown in Figure 4.2.



STAGE 1 - FOLLOWING SEQUENCE "A" TIGHTEN BOLTS TO 110 lbs-ft. (150 Nm)

STAGE 2 - FOLLOWING SEQUENCE "A" TIGHTEN BOLTS TO 155 lbs-ft. (210 Nm)

STAGE 3 - FOLLOWING SEQUENCE "B" TIGHTEN BOLTS, IN ROWS, TO 165 lbs-ft. (225 Nm)

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Figure 4.2 Cylinder Head Bolts Special Torque Sequence

Connecting Rod Bolts – 115 ft. lb.

Main Cap Torque – 130 ft. lb.