

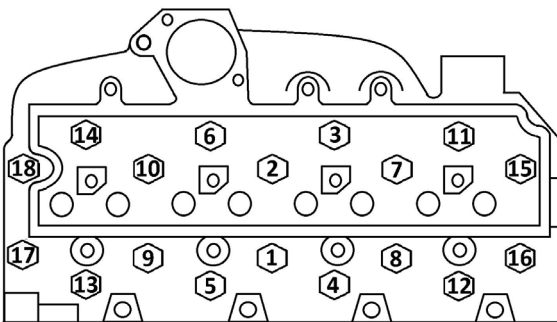
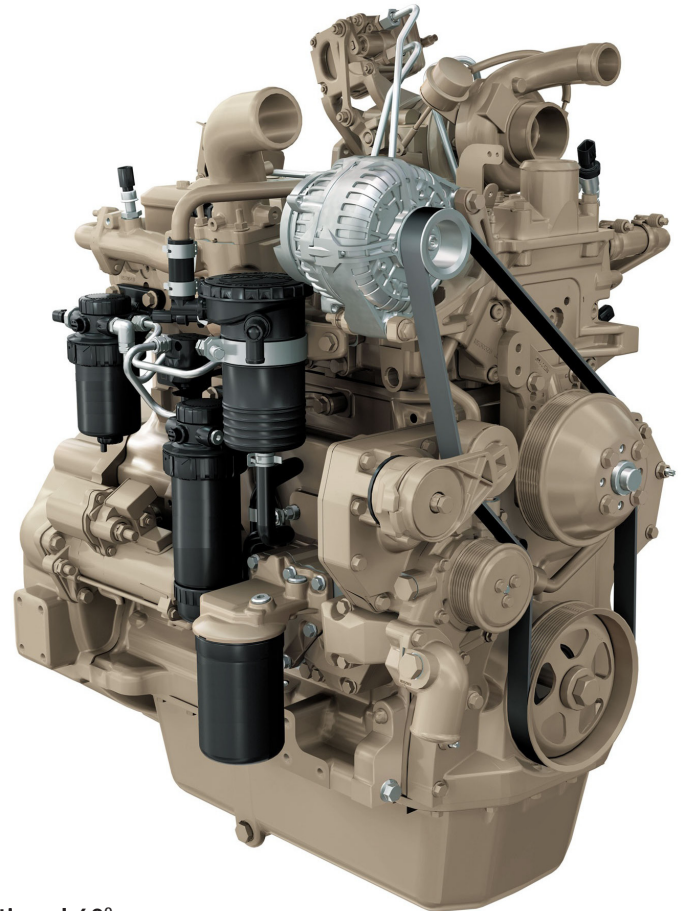


Bulletin No. REL-JD1.00-1 Group No. 1.00

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Torque and Rebuild Specifications for John Deere Powertech 4.5 Liter Engines.

Cylinder Liner Protrusion	.001" - .004"
Main Bearing Cap	100 ft. lbs.
Connecting Rod Bolt	43 ft. lbs. +90°
Piston Protrusion	.003" - .010"
Crankshaft End Play	.001" - .014"
Cylinder Head Bolts	75 ft. lbs.



← FRONT

110 ft. lbs.
 Wait 5 minutes
 110 ft. lbs.
 Tighten an additional 60°

Rocker Arm Support Studs	44 ft. lbs.
Valve Clearance (set cold) (2 Valve Head)	I .014" E .018"
w/#1 @ TDC Comp Adjust	#1 I+E, #2 I, #3 E
w/#1 @ TDC Exhaust Adjust	#2 E, #3 I, #4 I + E
Rocker Cover Bolts	26 ft. lbs.