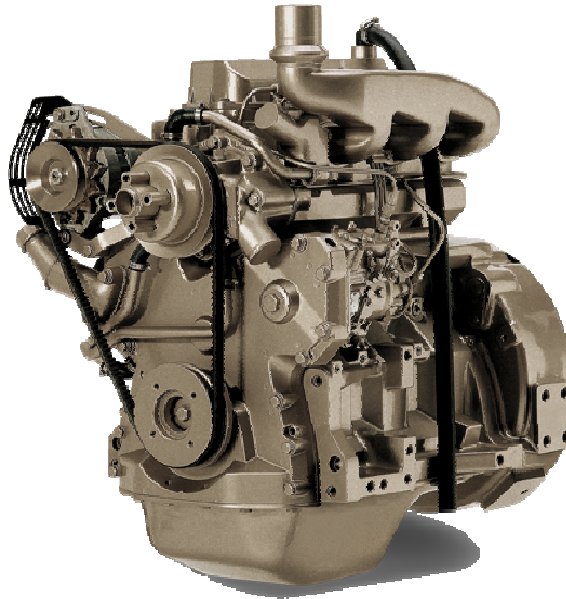
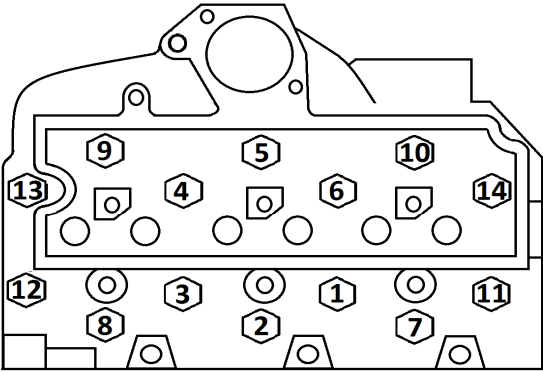


Torque and Rebuild Specifications for John Deere Powertech 2.9 Liter Engines



Cylinder Liner Protrusion	.0004" - .004"
Main Bearing Cap	100 ft. lbs.
Connecting Rod Bolt	40 ft. lbs. + 90°
Piston Protrusion	.003" - .014"
Crankshaft End Play – 2 Piece Thrust Bearing	.005" - .016"
- 5/6 Piece Thrust Bearing	.001" - .014"
Cylinder Head Bolts	75 ft. lbs. 110 ft. lbs. Wait 5 Min. 110 ft. lbs. Tighten an additional 60°
 <p style="text-align: center;">← FRONT</p>	
Rocker Arm Support Studs	35 ft. lbs.
Valve Clearance (set cold) (2 Valve Head)	1 .014" E .018"
w/ #1 @ TDC Comp Adjust	#1 I+E, #2 E, #3 I
w/ #1 @ TDC Exhaust Adjust	#2 I, #3 E
Rocker Cover Bolts	7 ft. lbs.