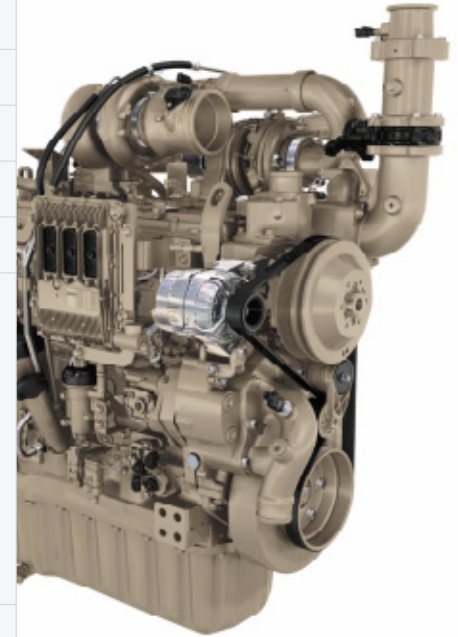
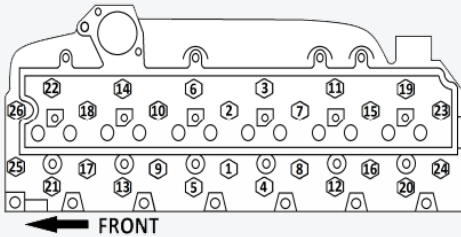


John Deere Powertech 6.8L Engines *Torque and Rebuild Specs*

ENGINE PART	DETAILS
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	<p>Step 1) 75 ft. lbs.</p> <p>Step 2) 110 ft. lbs.</p> <p>Step 3) Wait 5 Min.</p> <p>Step 4) 110 ft. lbs.</p> <p>Step 5) Tighten an additional 60°</p>
Rocker Arm Support Studs	44 ft. lbs.
Valve Clearance (set cold) (2 Valve Head)	1 .014" E .018"
w/ #1 @ TDC Comp Adjust	#11E, #21, #3E, #4I, #5E
w/ #1 @ TDC Exhaust Adjust	#2E, #3I, #4E, #5I, #6I
Rocker Cover Bolts	26 ft. lbs.



For more tech tips and rebuild specifications, please visit [www.ReliancePowerParts.com/resources/tech-tips](http://www.ReliancePowerParts.com/resources/tech-tips)