

**Torque and Rebuild Specifications for  
John Deere 300 Series 3029, 4039, 4045, 5059 and 6069 Engines**

Cylinder Liner Protrusion	.001" - .004"
Main Bearing Cap Screws	
Dubuque Engines	85 ft. lbs.
S/N -> 419999	100 ft. lbs.
S/N 420000 ->	
Seran Engines	85 ft. lbs.
S/N -> 135540	100 ft. lbs.
S/N 135541 ->	
Connecting Rod Bolt	
All 3029, 4039 and 6069 Engines	40 ft. lbs. - 90°
All 4045 and 5059 Engines	50 ft. lbs. - 90°
Piston Protrusion	.003" - .012"
Crankshaft End Play	.001" - .014"
Cylinder Head Bolts	75 ft. lbs.
	110 ft. lbs.
	Wash 5 Min.
	110 ft. lbs.
	Tighten an additional 60°
Rocker Arm Shaft Clamp	35 ft. lbs.
Valve Clearance (wet cold) (2 Valve Heads)	1 .014" & .018"
Rocker Cover Bolts	95 in. lbs.

# John Deere 4045tf150 Rebuild Engine Torque Specs

**Brian Smothers**

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the name 'Brian Smothers'.

## **John Deere 4045tf150 Rebuild Engine Torque Specs:**

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