

# Engine Mechanical - 5.7L

## Specifications

### Fastener Tightening Specifications

Application	Specification	
	Metric	English
Accelerator Control Cable Bracket Bolt and Nut	12 N•m	106 lb in
Belt Idler Pulley Bolt	50 N•m	37 lb ft
Camshaft Retainer Bolt	12 N•m	106 lb in
Camshaft Sprocket Bolt	25 N•m	18 lb ft
Connecting Rod Nut		
First Pass	27 N•m	20 lb ft
Final Pass	55 degrees	
Crankshaft Balancer Bolt	95 N•m	70 lb ft
Crankshaft Bearing Cap Bolt and Stud (Preferred Method)		
First Pass (Two Bolt Type Bearing Cap)	20 N•m	15 lb ft
Final Pass (Two Bolt Type Bearing Cap)	73 degrees	
First Pass (Four Bolt Type Bearing Cap)	20 N•m	15 lb ft
Final Pass Outboard Bolt (Four Bolt Type Bearing Cap)	43 degrees	
Final Pass Inboard Bolt and Stud (Four Bolt Type Bearing Cap)	73 degrees	
Crankshaft Bearing Cap Bolt and Stud (Optional Strategy)		
Two Bolt Type Bearing Cap	105 N•m	77 lb ft
Inboard Bolt and Stud (Four Bolt Type Bearing Cap)	105 N•m	77 lb ft
Outboard Bolt (Four Bolt Type Bearing Cap)	90 N•m	66 lb ft
Crankshaft Oil Deflector Nut	40 N•m	30 lb ft
Crankshaft Position Sensor Bolt	9 N•m	80 lb in
Crankshaft Pulley Bolt	58 N•m	43 lb ft
Crankshaft Rear Oil Seal Housing Nut and Bolt	12 N•m	106 lb in
Crankshaft Rear Oil Seal Housing Retainer Stud	6 N•m	53 lb in
Cylinder Head Bolt (Preferred Method)		
All Bolts First Pass in Sequence	30 N•m	22 lb ft
Long Bolts Final Pass in Sequence	75 degrees	
Medium Bolts Final Pass in Sequence	65 degrees	
Short Bolts Final Pass in Sequence	55 degrees	
Cylinder Head Bolt (Optional On-Vehicle Strategy)		
First Pass in Sequence	35 N•m	26 lb ft
Second Pass in Sequence	50 N•m	44 lb ft
Final Pass in Sequence	90 N•m	66 lb ft
Cylinder Head Core Hole Plug	20 N•m	15 lb ft
Distributor Cap Bolt	2.4 N•m	21 lb in
Distributor Clamp Bolt	25 N•m	18 lb ft
Drive Belt Tensioner Bolt	50 N•m	37 lb ft
EGR Valve Bolt		
First Pass	10 N•m	89 lb in
Final Pass	30 N•m	22 lb ft

# Indmar Tbi Service Manual

**M Mark**



## **Indmar Tbi Service Manual:**

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