09 - Engine, 5.7L/Specifications TORQUE SPECIFICATIONS

TORQUE CHART 5.7L ENGINE

DESCRIPTION	N-m	Ft. Lbs.	In. Lbs.
Block Pipe Plugs			
(1/4 – 18 NPT) Oil gallery Plug	20	15	2.70
(1/4 – 18 NPT) Coolant Drain Plug	34	25	-
(3/8 NPT)	27	20	
Camshaft Phaser Bolt	98	72	Steel
Camshaft Tensioner Plate Bolts	28	21	_
Coil to Cylinder Head Cover Bolts	7	-	62
Timing Chain Case Cover Bolts	28	21	-
Lifting Stud	55	41	1200
Connecting Rod Cap Bolts	21 plus 90° Turn	15 plus 90° Turn	2
Main Bearing Cap Bolts	(Refer to 09 - Engine/Engine Block/CRANKSHAFT - Installation)		
Cylinder Head Bolts	(Refer to 09 - Engine/Cylinder Head - Installation)		
Cylinder Head Cover Bolts	8	_	71
Exhaust Manifold- to-Cylinder Head	25	18	75-

DESCRIPTION	N·m	Ft. Lbs.	In. Lbs.
Flexplate-to- Crankshaft Bolts	95	70	-
Front Engine Mount Bracket to Block	61	45	=
Flywheel-to- Crankshaft Bolts	75	55	-
Front Insulator Through Bolt/Nut	95	70	
Through Bolt/Nut (4WD)	102	75	-
Stud Nut (4WD)	41	30	-
Front Insulator-to- Block Bolts (2WD)	61	45	-
Intake Manifold Bolts	(Refer to 09 - Engine/Manifolds/MANIFOLD, Intake - Installation)		
Lifter Guide Holder	12	9	
Oil Pan Bolts	12	9	
Oil Dipstick Tube	12	9	-
Oil Filter Adapter	12	9	
Oil Pan Drain Plug	34	25	-
Oil Pump Attaching Bolts	28	21	-
Oil Pump Pickup Tube Bolt/Nut	28	21	1248
Rear Seal Retainer Attaching Bolts	15	11	-
Rear Insulator-to- Bracket Bolt	68	50	

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Jiyuan Zhang

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