

Torque wrench settings

	Nm	lbf ft
Alternator driveshaft hub bolt*:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Big-end bearing caps bolts*:		
Stage 1	30	22
Stage 2	Angle-tighten a further 90°	
Camshaft bearing cap bolts*:		
Stage 1	8	6
Stage 2	Angle-tighten a further 90°	
Camshaft cover bolts	15	11
Camshaft drive gear bolt*:		
Stage 1	150	111
Stage 2	Angle-tighten a further 90°	
Cylinder block sealing flange bolts	10	7
Cylinder head bolts*:		
Stage 1	60	44
Stage 2	Angle-tighten a further 90°	
Stage 3	Angle-tighten a further 90°	
Stage 4	Angle-tighten a further 90°	
Stage 5	Angle-tighten a further 90°	
Stage 6	Slacken by 90°	
Eccentric pin cover plate bolts	10	7
Eccentric pin bolt*:		
Stage 1	20	15
Stage 2	Angle-tighten a further 90°	
Engine/transmission mountings*:		
Front mounting lower part-to-upper part:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Front mounting through-bolt		
Stage 1	90	66
Stage 2	Angle-tighten a further 180°	
Front mounting bracket-to-cylinder block:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Front mounting-to-subframe bolts:		
Stage 1	20	15
Stage 2	Angle-tighten a further 90°	
Left-hand mounting-to-body bolts:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Left-hand mounting-to-transmission bolts:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Right-hand mounting-to-body bolts:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Right-hand mounting-to-engine bracket bolt:		
Stage 1	90	66
Stage 2	Angle-tighten a further 90°	
Right-hand engine bracket-to-cylinder block:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Rear mounting through-bolt:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Rear mounting-to-subframe nuts:		
Stage 1	20	15
Stage 2	Angle-tighten a further 180°	
Rear mounting engine bracket-to-cylinder block:		
Stage 1	50	37
Stage 2	Angle-tighten a further 90°	
Flywheel/driveplate bolts*:		
Stage 1	60	44
Stage 2	Angle-tighten a further 90°	
Gear train housing cover bolts	20	15
Main bearing cap tie bolts*	30	22