

# TORQUE SPECIFICATIONS

Components	English	Metric
Belt driven engine fan		
4.6L engine		
Fan-to-fan clutch bolts	15-20 ft. lbs.	20-27 Nm
Fan clutch shaft-to-water pump	37-46 ft. lbs.	50-62 Nm
5.0/5.8L engines		
Fan-to-fan clutch bolts	12-18 ft. lbs.	16-25 Nm
Fan clutch shaft-to-water pump	15-22 ft. lbs.	20-30 Nm
Camshaft		
4.6L engine		
Timing gear retaining bolt	81-95 ft. lbs.	110-130 Nm
Bearing caps	①	①
5.0/5.8L engines		
Thrust plate bolts	9-12 ft. lbs.	12-16 Nm
Crankshaft damper retaining bolt		
4.6L engine	114-121 ft. lbs.	155-165 Nm
5.0/5.8L engines	70-90 ft. lbs.	95-122 Nm
Cylinder head bolts		
All engines	①	①
EGR tube-to-valve/manifold nut	26-33 ft. lbs.	35-45 Nm
EGR valve-to-manifold bolts	15-22 ft. lbs.	20-30 Nm
Electric cooling fan retaining screws	27-53 inch lbs.	3-6 Nm
Engine mounts		
4.6L engine	15-22 ft. lbs.	20-30 Nm
5.0/5.8L engines		
Through-bolts	80 ft. lbs.	108 Nm
Nuts	70 ft. lbs.	95 Nm
Engine-to-transmission retaining bolts		
4.6L engine	30-44 ft. lbs.	40-60 Nm
5.0/5.8L engines	50 ft. lbs.	68 Nm
Exhaust manifold retaining bolts		
4.6L engine	①	①
5.0/5.8L engines	18-24 ft. lbs.	24-32 Nm
Exhaust manifold-to-exhaust pipe/catalytic converter bolts		
All engines	20-30 ft. lbs.	27-41 Nm
Flywheel/flexplate retaining bolts		
4.6L engine	54-64 ft. lbs.	73-87 Nm
5.0/5.8L engines	75-85 ft. lbs.	103-115 Nm
Intake manifold retaining bolts		
4.6L engine		
Lower intake-to-upper intake	①	①
Upper Intake-to-engine	①	①
5.0L engine		
Lower intake	23-25 ft. lbs.	31-34 Nm
Upper Intake	12-18 ft. lbs.	16-25 Nm
5.8L engine	23-25 ft. lbs.	31-34 Nm
Oil pan retaining bolts		
4.6L engine	①	①
5.0/5.8L engines	7-10 ft. lbs.	9-14 Nm
Oil pump pickup tube and screen retaining bolts		
4.6L engine	6-9 ft. lbs.	8-12 Nm
5.0/5.8L engines	12-18 ft. lbs.	16-25 Nm