

TORQUE SPECIFICATIONS

Components	English	Metric
Oil pump retaining bolts		
4.6L engine	6-9 ft. lbs.	8-12 Nm
Oil pump screen and cover spacer bolts	15-22 ft. lbs.	20-30 Nm
5.0/5.8L engines	22-32 ft. lbs.	30-43 Nm
Rocker arm retaining bolts		
5.0/5.8L engines	18-25 ft. lbs.	25-34 Nm
Thermostat housing retaining bolts		
4.6L engine	15-22 ft. lbs.	20-30 Nm
5.0/5.8L engines	12-18 ft. lbs.	16-24 Nm
Timing chain guide retaining bolts		
4.6L engine	71-106 inch lbs.	8-12 Nm
Timing chain tensioner retaining bolts		
4.6L engine	15-22 ft. lbs.	20-30 Nm
Timing cover retaining bolts		
4.6L engine	①	①
5.0/5.8L engines		
Oil pan-to-timing cover retaining bolts	9-11 ft. lbs.	12-15 Nm
Timing cover-to-engine block retaining bolts	15-18 ft. lbs.	20-24 Nm
Torque converter retaining nuts		
4.6L engine	22-25 ft. lbs.	20-30 Nm
5.0/5.8L engines	30 ft. lbs.	41 Nm
Valve cover retaining bolts		
4.6L engine	6-9 ft. lbs.	8-12 Nm
5.0L engine	10-13 ft. lbs.	14-18 Nm
5.8L engine		
1989-90 Models	3-5 ft. lbs.	4-7 Nm
1991 Models	10-13 ft. lbs.	14-18 Nm
Water pump bolts		
4.6L engine	15-22 ft. lbs.	20-30 Nm
5.0/5.8L engines	18 ft. lbs.	25 Nm
Water pump pulley-to-water pump bolts		
4.6L engine	15-22 ft. lbs.	20-30 Nm
5.0/5.8L engines	12-18 ft. lbs.	16-25 Nm

① Refer to procedure for specific directions on tightening torque/sequence