

# Engine -

## Torque Specifications

Description	Nm	lb-ft	lb-in
Accessory drive belt tensioner	43	-	-
Accessory drive belt idler pulley	61	-	-
Air intake tube to throttle body	5	-	-
A/C pipes to receiver / drier	9	-	-
A/C pipe manifold joints	9	-	-
Camshaft bearing caps	10	-	-
Camshaft cover	10	-	-
Charge Air Cooler Adaptor to cylinder head (SC)	21	-	-
Coolant outlet pipe (AJ26 NA)	10	-	-
<b>Crankshaft damper bolt - no locking ring</b>			
Stage 1	80	-	-
Stage 2	80°	-	-
Crankshaft damper bolt - with locking ring	375	-	-
Crankshaft position sensor	10	-	-
Cylinder head bolts M10	35	-	-
Cylinder head bolts M8 (two at front of head)	25	-	-
Driveshaft (propshaft) drive flange bolts	82	-	-
ERG pipe to exhaust manifold	21	-	-
Engine compartment cover (bonnet) hinges	25	-	-
Engine coolant radiator top securing panel	25	-	-
Engine front mounting	70	-	-
Engine oil cooler pipes (clamp)	21	-	-
Engine / Transmission assembly rear mounting centre bolt	35	-	-
Engine / Transmission assembly rear mounting outer bolts	25	-	-
Exhaust downpipe support bracket to flywheel housing	50	-	-
Exhaust downpipe to lower mounting bracket	48	-	-
<b>Exhaust camshaft sprocket</b>			
Stage 1	20	-	-
Stage 2	90°	-	-
Exhaust manifold to cylinder head	18	-	-
Exhaust manifold flange to downpipe	18	-	-
Exhaust Torca clamps	55	-	-
Fuel cross-over elbow	10	-	-
Fuel feed pipe to intake manifold	10	-	-
Fuel Injector (AJ26)	5	-	-
Fuel injector harness clips to camshaft cover (SC)	5	-	-
Fuel pressure regulator to intake manifold	10	-	-
Fuel rail to Charge Air Cooler Adaptor (SC)	21	-	-
Intake manifold to cylinder heads	21	-	-
Intake elbow support brackets	18	-	-
Oil filter	17	-	-
Oil Cooler	7	-	-
PAS pump hose unions	25	-	-
Primary timing chain fixed guide	12	-	-
Primary timing chain tensioner	12	-	-
Primary timing chain tensioner blade	14	-	-
Secondary timing chain tensioner to cylinder	12	-	-
Steering rack	45	-	-
Throttle body to intake elbow	21	-	-
Throttle cable abutment to throttle body	5	-	-
Throttle intake elbow to intake manifold	21	-	-
Timing cover	12	-	-
<b>Variable camshaft timing oil control unit to intake camshaft</b>			
Stage 1	20	-	-
Stage 2	90°	-	-
Variable camshaft timing oil control unit housing (bolt and nut)	21	-	-
Variable camshaft timing oil control solenoid	12	-	-
Water pump pulley	12	-	-