

SPECIFICATIONS

General Specifications

Item	Specification
Lubricants	
Penetrating and Lock Lubricant XL-1 (Canada CXC-51-A)	—
High Temperature Nickel Anti-Seize Lubricant XL-2	ESE-M12A4-A
Lubricants — 4.0L SOHC Only	
Motorcraft SAE 5W-30 Premium Synthetic Blend Motor Oil XO-5W30-QSP (in Canada Motorcraft SAE 5W-30 Super Premium Motor Oil CXO-5W30-LSP12) or equivalent	WSS-M2C929-A
Lubricants — 4.6L (3V) Only	
Motorcraft SAE 5W-20 Premium Synthetic Blend Motor Oil XO-5W20-QSP (in Canada Motorcraft SAE 5W-20 Super Premium Motor Oil CXO-5W20-LSP12) or equivalent	WSS-M2C930-A

Torque Specifications

Description	Nm	lb-ft	lb-in
Camshaft position (CMP) sensor bolt — 4.0L	6	—	53
CMP sensor bolt — 4.6L	10	—	89

Torque Specifications (Continued)

Description	Nm	lb-ft	lb-in
A/C compressor stud bolts— 4.6L	25	18	—
Crankshaft position (CKP) sensor bolts	10	—	89
Cylinder head temperature (CHT) sensor — 4.6L	10	—	89
Throttle position (TP) sensor screws	3	—	27
Mass airflow (MAF) sensor screws	2	—	18
Heated oxygen sensors (HO2S)	48	35	—
Catalyst monitor sensors (CMS)	48	35	—
Fuel rail pressure and temperature sensor bolts	6	—	53
Knock sensor (KS) bolts	20	15	—
Oil pan drain plug — 4.6L	14	10	—
Oil temperature sensor — 4.6L	15	11	—
Powertrain control module (PCM) bolts	8	—	71
Variable camshaft timing (VCT) solenoid — 4.6L	5	—	44