

**Material**

| Item  | Specification | Fill Capacity     |
|---|---------------|-------------------|
| Motorcraft® Premium Gold Engine Coolant with Bittering Agent (bittered in US only)<br>VC-7-B (US); CVC-7-A (Canada); or equivalent (yellow color) | WSS-M97B51-A1 | 3.75L<br>(4.0 qt) |
| Premium Cooling System Flush<br>VC-1  | ESR-M14P7-A   | —                 |

**General Specifications**

| Item                                     | Specification    |
|--|------------------|
| <b>Pressure Tests</b>                    |                  |
| Complete Cooling System Maximum Pressure | 165 kPa (24 psi) |
| Pressure Relief Cap (opening pressure)   | 110 kPa (16 psi) |
| Radiator (out of vehicle)                | 138 kPa (20 psi) |
| Charge Air Cooler (CAC) (out of vehicle) | 138 kPa (20 psi) |

**Torque Specifications**

| Description               | Nm | lb-ft | lb-in |
|---------------------------|----|-------|-------|
| Coolant pump nuts         | 25 | 18    | —     |
| Degas bottle bolt         | 9  | —     | 80    |
| Lower splash shield bolts | 5  | —     | 44    |
| Radiator bracket bolts    | 9  | —     | 80    |

