

# Standards and Service Limits

## Cooling — Section 10

|                    | MEASUREMENT                                                                                                                                                                                  | STANDARD (NEW)                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Radiator           | Engine coolant capacity ℓ (US qt, Imp qt)<br>[including engine, heater, cooling<br>line and expansion tank]<br>Expansion tank capacity 2.1 ℓ<br>(2.2 US qt, 1.8 Imp qt)                      | M/T: 16.0 (16.9, 14.1) for overhaul<br>12.0 (12.7, 10.6) for coolant change<br><br>A/T: 16.5 (17.4, 14.5) for overhaul<br>12.0 (12.7, 10.6) for coolant change                |
| Expansion tank cap | Opening pressure kPa (kgf/cm <sup>2</sup> , psi)                                                                                                                                             | 93 – 123 (0.95 – 1.25, 14 – 18)                                                                                                                                               |
| Thermostat         | Start to open °F (°C)<br>Fully open °F (°C)<br>Valve lift at fully open                                                                                                                      | 169 – 176 (76 – 80)<br>194 (90)<br>10 (0.39) min.                                                                                                                             |
| Water pump         | Displacement ℓ (US qt, Imp qt)/min at rpm                                                                                                                                                    | 150 (159, 132) at 6,000                                                                                                                                                       |
| Cooling fan        | Thermoswitch “ON” temperature (low) °F (°C)<br>Thermoswitch “OFF” temperature (low) °F (°C)<br>Thermoswitch “ON” temperature (high) °F (°C)<br>Thermoswitch “OFF” temperature (high) °F (°C) | 183 ± 2 (84 ± 1.2)<br>Subtract 11 ± 3 (6 ± 2) from the actual “ON” temperature (low)<br>194 ± 2 (90 ± 1.2)<br>Subtract 11 ± 3 (6 ± 2) from the actual “ON” temperature (high) |

## Fuel and Emission — Section 11

|                    | MEASUREMENT                                            | STANDARD (NEW)                                                           |
|--------------------|--------------------------------------------------------|--------------------------------------------------------------------------|
| Pressure regulator | Pressure kPa (kgf/cm <sup>2</sup> , psi)               | 320 – 360 (3.30 – 3.70, 47 – 53)                                         |
| Fuel tank          | Capacity ℓ (US gal, Imp gal)                           | 70 (18.5, 15.4)                                                          |
| Engine             | Fast idle rpm                                          | MT: 1,200 – 1,600<br>AT: 1,050 – 1,450                                   |
|                    | Idle speed rpm<br>(with headlight and cooling fan off) | 800 ± 50 (M/T: neutral)<br>780 ± 50 (A/T: <b>N</b> or <b>P</b> position) |
|                    | Idle CO % max.                                         | 0.1                                                                      |

## Clutch — Section 12

|                | MEASUREMENT                                                                    | STANDARD (NEW)                                                       | SERVICE LIMIT            |
|----------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|
| Clutch pedal   | Pedal height to floor<br>Stroke<br>Pedal play<br>Disengagement height to floor | 176.2 (6.94)<br>125 (4.92)<br>9 – 15 (0.35 – 0.59)<br>92 (3.62) min. |                          |
| Pressure plate | Warpage                                                                        | 0.03 (0.001) max.                                                    | 0.15 (0.006)             |
| Clutch disc    | Thickness<br>Rivet head depth                                                  | 8.2 – 8.9 (0.32 – 0.35)<br>1.2 (0.05) min.                           | 6.2 (0.24)<br>0.2 (0.01) |
| Flywheel       | Clutch surface runout                                                          | 0.05 (0.002) max.                                                    | 0.15 (0.006)             |

M/T: Manual Transmission A/T: Automatic Transmission