
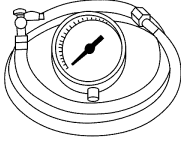
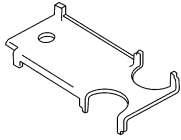
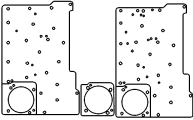
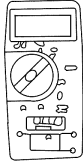
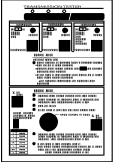


DIAGNOSIS AND TESTING

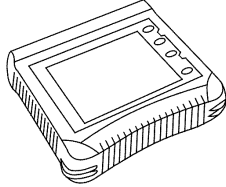
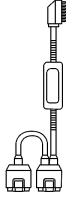

Diagnostics

Special Tool(s)

 <p>ST1300-A</p>	<p>UV Leak Detector 164-R0756 or equivalent</p>
 <p>ST1565-A</p>	<p>Pressure Gauge, Transmission Fluid 307-004 (T57L-77820-A)</p>
 <p>ST1633-A</p>	<p>Alignment Gauge, TR Sensor 307-351 (T97L-70010-A)</p>
 <p>ST2538-A</p>	<p>Transmission Test Plate and Gasket 307-433-01, 307-433-02, 307-433-03</p>
 <p>ST1137-A</p>	<p>73 III Automotive Meter 105-R0057 or equivalent</p>
 <p>ST1761-A</p>	<p>Trans Tester TR/MLP Overlay and Manual 007-00131 or equivalent</p>

(Continued)

Special Tool(s)

 <p>ST2332-A</p>	<p>Worldwide Diagnostic System (WDS) Vehicle Communication module (VCM) with appropriate adapters, or equivalent diagnostic tool</p>
 <p>ST1632-A</p>	<p>MLP-TR Cable 418-F107 (007-00111) or equivalent</p>
 <p>ST1389-A</p>	<p>Transmission Tester 307-F016 (007-00130) or equivalent</p>

Diagnosing electronically controlled automatic transmissions is simplified using the following procedures. It is important to remember that there is a definite procedure to follow. Do not take shortcuts or assume that critical checks or adjustments have already been made. Follow the procedures as written to avoid missing critical components or steps. By following the diagnostic sequence, the technician will be able to diagnose and repair the concern the first time.

On-Board Diagnostics with Diagnostic Tool

NOTE: For detailed instruction and other diagnostic methods using the diagnostic tool, refer to the diagnostic tool tester and the [Powertrain Control/Emissions Diagnosis \(PC/ED\) manual](#).

These quick tests should be used to diagnose the powertrain control module (PCM) and should be carried out in order.

- Quick Test 1.0 — Visual Inspection
- Quick Test 2.0 — Set Up
- Quick Test 3.0 — Key On, Engine Off
- Quick Test 4.0 — Continuous Memory
- Quick Test 5.0 — Key On, Engine Running

DIAGNOSIS AND TESTING (Continued)

- Special Test Mode
 - Wiggle Test Mode
 - Output Test Mode
 - PCM Reset Mode
 - Clearing DTCs
 - OBD II Drive Cycle
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For further information on other diagnostic testing features using the WDS or generic diagnostic tool, refer to the [Powertrain Control/Emissions Diagnosis \(PC/ED\) manual](#).