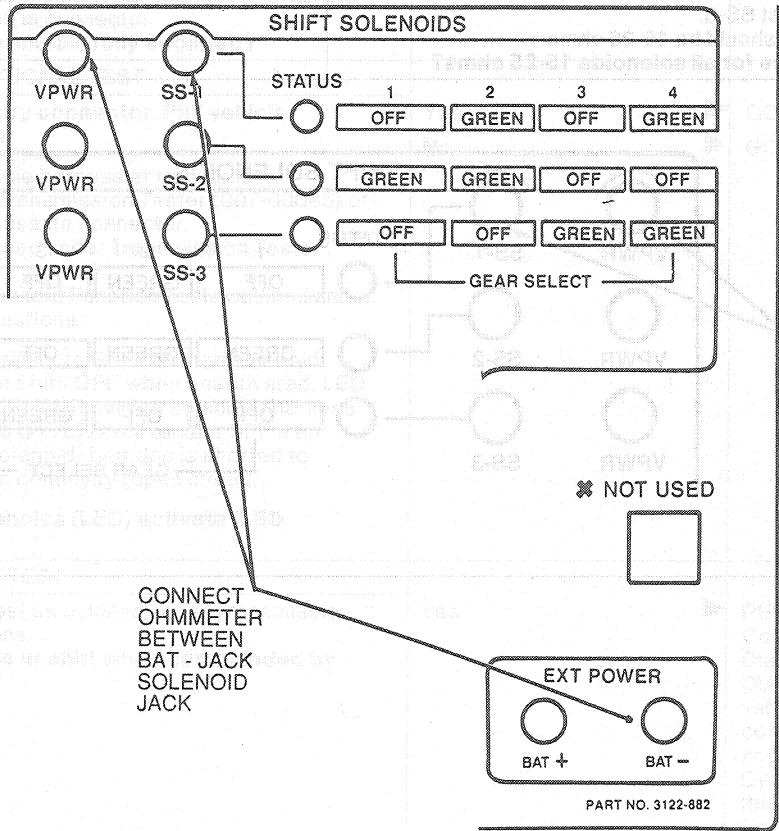


DIAGNOSIS AND TESTING (Continued)

(Continued)

**PINPOINT TEST A: DIAGNOSTIC TROUBLE CODES: 621, 622 AND 641 SOLENOID CIRCUIT FAILURES; 645, 646, 647 and 648 INCORRECT GEAR RATIO OBTAINED (Continued)**

TEST STEP	RESULT	ACTION TO TAKE								
<b>A6</b> CHECK SOLENOID/HARNESS FOR SHORT TO GROUND <ul style="list-style-type: none"> <li>Check each solenoid for continuity between BAT-jack (engine ground) and appropriate jack with an ohmmeter or other low current tester (less than 200 milliamps):</li> </ul> <table border="1" style="width: 100%;"> <thead> <tr> <th>Solenoid</th> <th>Tester Jack</th> </tr> </thead> <tbody> <tr> <td>SS-1</td> <td>SS-1/VPWR</td> </tr> <tr> <td>SS-2</td> <td>SS-2/VPWR</td> </tr> <tr> <td>SS-3</td> <td>SS-3/VPWR</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>Connection should show infinite resistance (no continuity).</li> <li>Is there continuity?</li> </ul>	Solenoid	Tester Jack	SS-1	SS-1/VPWR	SS-2	SS-2/VPWR	SS-3	SS-3/VPWR	Yes No	<ul style="list-style-type: none"> <li>GO to A7.</li> <li>GO to Hydraulic/Mechanical Diagnosis as outlined.</li> </ul>
Solenoid	Tester Jack									
SS-1	SS-1/VPWR									
SS-2	SS-2/VPWR									
SS-3	SS-3/VPWR									



D10368-B

<b>A7</b> AXODE (AX4S) INTERNAL ELECTRONIC DIAGNOSTICS <ul style="list-style-type: none"> <li>Drain transaxle fluid.</li> <li>Remove transaxle side pan.</li> <li>Check that internal harness connectors are fully engaged on the shift solenoids.</li> <li>Check that internal harness connector terminals are fully seated in the connectors.</li> <li>Inspect connectors for damage.</li> <li>Are connectors OK?</li> </ul>	Yes No	<ul style="list-style-type: none"> <li>GO to A8.</li> <li>SERVICE as required.</li> </ul>
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