## **DIAGNOSIS AND TESTING (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 THERE IS NOT THE TEST STEP				RESULT 1997 P	ACTION TO TAKE
8A	CHECK IN	NTERNAL AXODE (AX4: UITY)	S) HARNESS	COR SHOPS TO GROUPS TO BE SHOPE AND A STREET	TIC MELECISORIO SINGLE DE POSSES MONTOS SONO DE
<ul> <li>Disconnect the internal harness from the solenoid assemblies.</li> </ul>			ss from the solenoid	Yeso firm lammat bionalo No lim 002 na di assi) retes	REPLACE internal harness. GO to A10.
	CAUTION: Do not probe into connector terminals, as this will cause a loss of spring tension and possible failure.		Dioresta de la composición del composición de la composición del composición de la c		
	<ul> <li>For SS-1, connect positive lead from an ohmmeter to tester jack SS-1 and negative lead at the Orange wire of the SS-1 wire connector.</li> <li>Record resistance.</li> <li>Is resistance less than 0.5 ohm?</li> <li>For SS-2, connect positive lead from an ohmmeter</li> </ul>			hn) eonstaise of nan work bit	93-1 93-2 93-2 6 Connection slid
to tester jack SS-2 negative lead it the Pink wire of the SS-2 wire connector.  Record resistance.  Is resistance less than 0.5 ohm?  For SS-3, connect positive lead from an ohmmeter			ad at the Pink wire of	Hy7	
	to tester SS-3 jack and negative lead at the Yellow wire of the SS-3 wire connector.  • Record resistance.			ST STEP	II. CANA BOXA I PA
<ul> <li>Is resistance less than 0.5 ohm?</li> <li>For SS-1, SS-2, and SS-3 VPWR, connect the positive lead from an ohmmeter to the appropriate lead for VPWR and negative lead to the Red wire for SS-1 VPWR, Red wire for SS-2 VPWR or Red wire for SS-3 VPWR.</li> <li>Record resistance.</li> <li>Is resistance less than 0.5 ohm?</li> </ul>			WR, connect the er to the appropriate ead to the Red wire for	ist be at operating famperatule as must be caseived before "Cht for proper function (On-E)-:	MOTE: Transaxies if The tollowing if
				the widing hernsas for configurity ounds	
A9	TO GROU	ITERNAL AXODE (AX45 IND)	5) HARNESS (SHORTS	des acciossación de la cidades (1	
Check for continuity between BAT- jack (engine ground) and appropriate wire with an ohmmeter or other low current tester (less than 200 milliamps).				Yes had not a concept of a conc	REPLACE internal harness. GO to A10.
Solenoid		Signal	VPWR		2 CHECK BARKESS
SS-1		Orange	Red	Piliti si rotonasso seamai els	
SS-2		Pink	Red	šede censotes.	ent no begugae
SS-3		Yellow	Red	de haraess connector termins	ifey tedt toed0 - ◆ hitbecedeno vfut
	contin	ection should show infiniuity). re continuity?	ite resistance (no	Theopspac vitat slacimot \	
10	CHECK SOLENOID RESISTANCE AT SOLENOID				
<ul> <li>Check solenoid resistance by connecting an ohmmeter at the terminals of the solenoid assembly.</li> <li>Measure and record resistance for each solenoid. (SS-1, SS-2, SS-3)</li> <li>Is resistance between 15-25 ohms?</li> </ul>				Yes No	GO to A11.  REPLACE shift solenoid