## **DIAGNOSIS AND TESTING (Continued)**

## PINPOINT TEST B: DIAGNOSTIC TROUBLE CODES: 636, 637 and 638 TOT HIGHER/LOWER THAN EXPECTED (Continued)

EDIAT OT HOLDA TEST STEP TENERAL				RESULT		ACTION TO TAKE
87	CHECK INT TO GROUN	ERNAL AXODE (AX48 D)	EFTRONE DIAGNOSTICS  Been must be checked before			
Check for continuity between BAT- jack (engine ground) and appropriate wire (+TOT and -TOT) with ohmmeter or other low current tester (less than 200 milliamps).				Yes (E-nO) notional regard to No tumina a far seeman gor		REPLACE internal harness. GO to B8.
	Senso	r Wire	From Top Connector	ectors are engaged	naoo ila	100 may 100 ma 100 may 100 ma
	TOT+		Black	leais in connectors are	lees of the	
	TOT-		White		. Doda	
	continui	tion should show infinity).	te resistance (no	rs for damage, corrosi dimissing or damagest icad?	noranigi	Stanbado ned aggerra ed aggerran
B8	CHECK TOT SENSOR RESISTANCE			yistai fofoanaco azam		
<ul> <li>Check sensor resistance by connecting an ohmmeter at terminals of TOT sensor assembly.</li> <li>Record resistance.</li> <li>Resistance should be in range of temperature of vehicle.</li> <li>Resistance should be approximately in the following ranges:</li> </ul> TRANSMISSION FLUID TEMPERATURE				Yes None not sent to see a not control of the contr	oensoo nimudi IAMOIT BERRES Yatiba	
	°C	og	Resistance (Ohms)		200000000000000000000000000000000000000	
0-20		32-58	100K-37K	afaet notabinans it isbili be		
21-40		59-104	37K-16K	es teet romanu ? blo		T muhara seria jarah
41-70		105-158	16K-5K			
71-90		159-194	5K-2.7K	i GREEN when solenoid . OPF when deactivated		
91-110		195-230	2.7K-1.5K	beiavioa as		
111-130 231-2		231-266	1.5K-0.8K	v GB.1: 4-8 of bahods a amad \blonelos betävit:		t Vojomakos PO minimati
	<ul><li>Is resis</li></ul>	tance in range?		rad cantuality (anan		
В9	CHECK TO	T SENSOR FOR SHOP	RT TO GROUND			
Check for continuity between BAT- jack (engine ground) and appropriate terminal on TOT with ohmmeter or other low current tester (less than 200 milliamps).				Yes negly are year No No No Desire as outlined.		REPLACE TOT sensor.  RERUN Self-Test. If DTC is still present, REFER to Powertrain  Control/Emissions
***************************************	Senso	or and	Terminal	prese the YCC switch	and the second	Diagnosis Manual <sup>28</sup> to
	тот		+/-	igne seod Syssimo ds		diagnose vehicle harnes or PCM concerns.
	continui	Connection should show infinite resistance (no continuity).  Is there continuity?				
- C2		okas) (Štermal blib		OLENOID/HARNESS	8 40 BC	MATCHE STATE TD10346
			erior Yes  Aib  Aib  de   Aib  Aib  Aib  Aib  Aib  Aib  Aib  Ai			ramanad beakions  a "Sertial Chirons  floriate gear sel  Connect charge  Connect charge