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

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

en en		TEST STEP		RESULT P	ACTION TO TAKE
B3	CHECK RESIS	TANCE OF TOT SEN	SOR	RABARNESS FOR SMORT TO	Caree rotatorado (na
		e tester solenoid sele position or damage		Yes  No() Nosi -TAB neewted yt	GO to <b>B4.</b> GO to <b>B5.</b>
	<ul><li>Vehicle at</li><li>Disconnect</li></ul>	Vehicle at normal operating temperature.     Disconnect vehicle harness at transaxle.		ir low ourrent leater (leas, true). Id show infinite : ealetande (ith-	(egmailian
	CAUTION: Do not pry on connector. Pull vehicle harness connector.				continuity).  s is there continu
	<ul> <li>Install Rotunda Transmission tester 007-00085 or equivalent to transaxle connector.</li> <li>Set Bench/Drive switch to BENCH mode.</li> <li>Rotate solenoid select switch to OHMS CHECK mode.</li> <li>Connect ohmmeter negative lead to -TOT jack and positive lead to +TOT jack.</li> <li>Perform tests 1 and 2.</li> <li>NOTE: While performing Tests 1 and 2 observe resistances. Code 637 is set if resistance value exceeds 869K ohms (OPEN circuit). Code 638 is set if resistance value falls below 597 ohms (SHORT</li> </ul>			NCH LADDE	The state of the s
				Appendix or a second control of the second c	
	circuit).  Test 1 Record res				
	Resistance ranges:     TRANSMI	should be approxim  SSION FLUID TEMP	Resistance		
	Resistance ranges:	should be approxim	ERATURE		
	Resistance ranges: TRANSMI  C 0-20	should be approxim  SSION FLUID TEMP	ERATURE Resistance		
	Pesistance ranges: TRANSMI CO 0-20 21-40	should be approxim  SSION FLUID TEMP  *F	ERATURE  Resistance (Ohms)		
	Pasistance ranges: TRANSMI C 0-20 21-40 41-70	e should be approxim  SSION FLUID TEMP  °F  32-58  59-104  105-158	Resistance (Ohms) 100K-37K 37K-16K 16K-5K		
	• Resistance ranges: TRANSMI • C 0-20 21-40 41-70 71-90	e should be approxim  SSION FLUID TEMP  °F  32-58  59-104  105-158  159-194	Resistance (Ohms) 100K-37K 37K-16K 16K-5K 5K-2.7K	The state of the s	AXODE (AXAS) INT
	Pasistance ranges: TRANSMI C 0-20 21-40 41-70	e should be approxim  SSION FLUID TEMP  °F  32-58  59-104  105-158	Resistance (Ohms) 100K-37K 37K-16K 16K-5K 5K-2.7K 2.7K-1.5K		Descuostros de la
	PRESISTANCE ranges: TRANSMI  CO 0-20 21-40 41-70 71-90 91-110 111-130 Test 2 Check for in lif resistance perform foll transaxle to transaxle to again. Com Resistance heated and allowed to contact the contact of the contact transaxle to again.	e should be approxim  SSION FLUID TEMP  °F  32-58  59-104  105-158  159-194  195-230	Resistance (Ohms)  100K-37K 37K-16K 16K-5K 5K-2.7K 2.7K-1.5K 1.5K-0.8K  pen. and 100K ohms, tle is cold, run tle is warm, allow nsor resistance initial resistance. ransaxle was e in resistance	luid. la side pan. hal hamess connector is fub. TGT sensor. nal hamess connector termin la la connector.	DERCHOSTICS  B. Drain.teneagle F. Credity trains C. Credity trains

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