DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST INDEX (Cont'd)

SYMPTOM	PINPOINT TESTS
ACCEL/Tap-Up Inoperative	D
RESUME Inoperative	E
Speed Control Does Not Disengage When Brake is Applied	F
OFF Switch Inoperative	G

Pinpoint Tests

Tools Required:

Rotunda Digital Volt-Ohmmeter 014-00407

The following pinpoint tests require a Rotunda Digital Volt-Ohmmeter 014-00407 or equivalent.

PINPOINT TEST A SPEED CONTROL DOES NOT WORK

	TEST STEP	RESULT		ACTION TO TAKE
A1	VERIFY POWER TO SPEED CONTROL SERVO Disconnect 14290 harness connector from servo assembly. Use a VOM to make the specified measurements at the connector. With ignition switch in RUN position, measure voltage between Pin 7 (Battery Positive Voltage (B+), Circuit 296) and Pin 10 (GND, Circuit 57). Is there battery voltage?	ONUORE MOTIVIS IS TO Yes diagraph of the Notice of the Carlo based and the Carlo based and twe based on the Carlo based on the		GO to A4. GO to A2.
A2	CHECK IGNITION CIRCUIT	commend 14114, Olegary	Pio 6 (
	 With ignition switch in RUN position, measure voltage between Pin 7 (Battery Positive Voltage (B+), Circuit 296) and a ground point on the chassis. Is there battery voltage? 	Yes Tamin XC usits No HD MARITO KO U San Deale Clear follow I have been been been been been been been be		GO to A3. SERVICE ignition fuse o circuit as required.
АЗ	CHECK MODULE GROUND CIRCUIT	Tabalo ATS bas 340 r	6.574.8	
	 Measure resistance between Pin 10 (GND, Circuit 57) and a ground point on the chassis. Is resistance less than 1 ohm? 	Yes No. 88V) this nest in		REPEAT Step A1. SERVICE ground circuit
Α4	CHECK DEACTIVATOR SWITCH CIRCUIT	Tamata 906 Bras 699 :	. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
ing in the contract of the con	 With no brakes applied, measure voltage between Pin 9 (DEACT, Circuit 636) and Pin 10 (GND, Circuit 57). Is there battery voltage? 	Yes No		GO to A5.
A5	CHECK DEACTIVATOR SWITCH			
	 Remove 14290 harness connector from deactivator switch. Measure resistance between two pins of switch with no brakes applied. Is resistance less than 1 ohm? 	Yes No Registrous hards note		GO to A6. REPLACE switch.
A6	VERIFY POWER AT DEACTIVATOR SWITCH HARNESS CONNECTOR	rd galhun ga shles enibe 	ilo vaso Vane e	
r ve bries.	 Measure voltage between Circuit 10 of deactivator switch connector and chassis ground. Is there battery voltage? 	Yes No		GO to A7. SERVICE blown fuse or open in circuit.
A7	CHECK FOR OPEN CIRCUIT BETWEEN DEACTIVATOR SWITCH AND SPEED CONTROL SERVO		18787	The content of the co
	 Measure resistance of Circuit 636 from deactivator switch connector to Pin 9 (Circuit 636) of servo connector. Is resistance less than 1 ohm? 	Yes No		REPEAT Step A4. SERVICE open circuit in harness.
A8	CHECK BRAKE SWITCH	vitoori spaati contro	, sour PO Papada	z pagge ruomew roi/15gos zaa@
	 With no brakes applied, measure voltage between Pin 4 (BRK, Circuit 810) and Pin 10 (GND, Circuit 57). Is there battery voltage? 	Yes No		REPLACE switch.
A9	CHECK BRAKE CIRCUIT			
	 Measure resistance between Pin 4 (BRK, Circuit 810) and Pin 10 (GND, Circuit 57). Is resistance less than 10 ohms? 	Yes		GO to A10. SERVICE brakelamp bulbs or circuit.