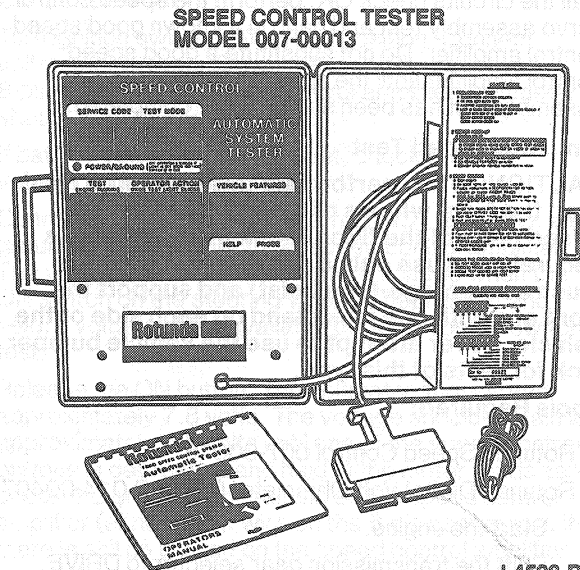


DIAGNOSIS AND TESTING (Continued)

Speed Control Tester

The speed control system can be operated and diagnosed using the Rotunda Speed Control Tester 007-00013 or equivalent. The tester works on vehicles with all combinations of control switches, transmissions, speedometers (electronic and mechanical), brakes and clutches. With three modes of operation, Automatic, Single Scan, and Scan Probe, the technician can pinpoint any failure including wiring, vacuum hoses, switches and speed control servo. The tester includes an instruction manual with its own specially developed diagnostic tree charts for identifying any failed or marginal component in the speed control system.



**PINPOINT TEST A
SPEED CONTROL DOES NOT WORK**

TEST STEP		RESULT	ACTION TO TAKE
A1	VERIFY CONDITION		▶ GO to A2.
A2	CHECK CONNECTIONS		
	<ul style="list-style-type: none"> ● Check all electrical and vacuum connections. ● Are all connections OK? 	Yes ▶ No ▶	GO to A3. SERVICE or REPLACE as required.
A3	CHECK STOPLAMPS		
	<ul style="list-style-type: none"> ● Press brake pedal. ● Are stoplamps operating? 	Yes ▶ No ▶	GO to A4 if manual transmission. GO to A5 if automatic transmission. SERVICE stoplamp circuit.
A4	CHECK CLUTCH SWITCH (MANUAL TRANSMISSION)		
	<ul style="list-style-type: none"> ● Check clutch switch for proper operation. ● Does switch operate properly? 	Yes ▶ No ▶	GO to A5. SERVICE as required.
A5	CHECK ACTUATOR CABLE CONNECTION TO THROTTLE BODY AND SPEED CONTROL SERVO		
	<ul style="list-style-type: none"> ● Check to see if actuator cable is attached to throttle body accelerator linkage. ● Check to see if actuator cable is attached to speed control servo linkage. ● Is cable attached to both? 	Yes ▶ No ▶	GO to A6. ADJUST or SERVICE as required.
A6	CHECK LINKAGE OPERATION		
	<ul style="list-style-type: none"> ● Check the throttle linkage for proper operation. ● Does linkage operate properly? 	Yes ▶ No ▶	GO to A7. SERVICE as required.