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

## STOP-WARNING

You should enter this Pinpoint Test only when Diagnostic Trouble Code (DTC) 455 is received in the KOER Self-Test.

This Pinpoint Test is intended to diagnose only the following:

- Actuator cable
- Vacuum hose connections
- Speed control metering valve adjustment
- Powertrain control module
- Speed control vacuum reservoir
- Check valve

## PINPOINT TEST D SPEED DOES NOT INCREASE DURING DYNAMIC TEST

	TEST STEP	RESULT		ACTION TO TAKE
D1	DIAGNOSTIC TROUBLE CODE 455	escaled activities	ob Basn	
	<ul> <li>Repeat KOER Self-Test of Quick Test. Be sure that the speed control ON button is pressed before pressing the SUPER STAR II push button.</li> </ul>	Diagnostic Trouble Code 455 still present No Diagnostic Trouble Code 455	aoe e la acteorine acteorine acteorine acteorine	GO to D2.  Increase vehicle speed test passed. SERVICE any other Diagnostic
	a to star as the second of a construction of the second of	a Mê 63 elebora lorinac	ni sain is i	Trouble Code as necessary.
D2	CHECK ACTUATOR CABLE CONNECTION TO THROTTLE BODY AND SPEED CONTROL SERVO	(14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -		par acressoo 16 leefe ooloo Lastones Indian
	Is actuator cable attached to throttle body	Yes		GO to D3.
	<ul> <li>accelerator linkage?</li> <li>Is actuator cable attached to speed control servine linkage?</li> </ul>	No N	<b>&gt;</b>	SERVICE as necessary.
D3	CHECK VACUUM HOSES			
	<ul> <li>Is speed control servo vacuum supply hose tightly</li> </ul>	Yes THOROTES	<b>&gt;</b>	GO to D4.
	connected to VAC port on check valve and to the vacuum manifold, and free of cuts, cracks and kinks?	No entire the No.		SERVICE hoses. REPEAT Quick Test.
	<ul> <li>Are vacuum hoses tightly connected between chevalves and speed control servo, and free of cuts, cracks and kinks?</li> </ul>	CK Of lens to MPT real goodsta	s d (806)3 0 (886)1	
	<ul> <li>Is vacuum hose tightly connected between check valve and speed control vacuum reservoir, and free of cuts, cracks and kinks?</li> </ul>	OVAC CARCEST	PROVI National	
	Is the speed control metering valve hose tightly connected to the speed control servo and to the speed control metering valve, and free of cuts, cracks and kinks?	ai anean teat Sin Sil kind atteat Saanea tu		
D4	VACUUM LEAK DOWN CHECK			
9 (2) (2)	Disconnect the hose between check valve and	Yes	<b>&gt;</b>	GO to D6.
	<ul> <li>speed control servo, at the speed control servo en</li> <li>Apply 60.6 kPa (18 in-Hg) vacuum to open end of hose.</li> </ul>			GO to D5.
	<ul> <li>Can vacuum be pumped to, and held at 60.6 kPa (18in-Hg) vacuum?</li> </ul>	teet bus il allises sepect	ad gong Koli iyo	e Maasummedu Maasummedu
D5	CHECK VACUUM RESERVOIR			
	Disconnect hose between check valve and speed control vacuum reservoir, at check valve end.     Install vacuum pump to open end of hose to speed	Yes		REPLACE check valve. REPEAT Quick Test.
	control vacuum reservoir.  Apply 60.6 kPa (18 in-Hg) vacuum to the speed control vacuum reservoir.  Does speed control vacuum reservoir hold vacuum	No CAUCHO L  Trae para distribution to remo a a  Deliveren 100 cart  100 cartes as assessed		REPLACE speed control vacuum reservoir. REPEAT Quick Test.
D6	CHECK SPEED CONTROL METERING (DUMP) VALVE			
	<ul> <li>Is the speed control metering (dump) valve adjuste</li> </ul>			GOtoC1.
	properly so that the speed control metering (dump) valve is closed when the brake pedal is not depressed?			ADJUST speed control metering valve. REPEAT Quick Test.