

Instrument Panel, Gauges and Warning Indicators: Pinpoint Tests

Test Y: The Traction Control/Stability Assist Indicator Is Never/Always On

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Test Step		Result / Action to Take
Y1	CHECK THE TRACTION CONTROL SWITCH OPERATION	
	<ul style="list-style-type: none"> Check the operation of the traction control switch. Is the traction control/stability assist system disabled by the traction control switch? 	Yes ENABLE the traction control system. TEST the system for normal operation. No GO to Y2.
Y2	RETRIEVE THE RECORDED DTCs FROM BOTH THE CONTINUOUS AND ON-DEMAND ABS MODULE SELF-TESTS	
	<ul style="list-style-type: none"> Check for recorded ABS module DTCs from the continuous and on-demand self-tests. Are any ABS module DTCs recorded? 	Yes REFER to Antilock Brakes / Traction Control Systems. No GO to Y3.
Y3	CARRY OUT THE INSTRUMENT CLUSTER INDICATOR LAMP CONTROL OUTPUT STATE CONTROL USING THE SCAN TOOL	
	<ul style="list-style-type: none"> Key in ON position. Enter the following diagnostic mode on the scan tool: Instrument Cluster Output State Control. Enter the instrument cluster output state control and select ALL_LAMP. Command all the lamps on and off. Observe the traction control indicator. Does the traction control/stability assist indicator illuminate when commanded on, and turn off when commanded off? 	Yes GO to Y5. No GO to Y4.
Y4	CHECK FOR CORRECT INSTRUMENT CLUSTER OPERATION	
	<ul style="list-style-type: none"> Disconnect the instrument cluster connector. Check for: <ul style="list-style-type: none"> corrosion damaged pins pushed-out pins Connect the instrument cluster connector and make sure it seats correctly. Operate the system and verify the concern is still present. Is the concern still present? 	Yes INSTALL a new instrument cluster. TEST the system for normal operation. No The system is operating correctly at this time. The concern may have been caused by a loose or corroded connector.
Y5	CHECK FOR CORRECT ABS MODULE OPERATION	
	<ul style="list-style-type: none"> Disconnect the ABS module connector. Check for: <ul style="list-style-type: none"> corrosion damaged pins pushed-out pins Connect the ABS module connector and make sure it seats correctly. Operate the system and determine if the concern is still present. Is the concern still present? 	Yes INSTALL a new ABS module. TEST the system for normal operation. No The system is operating correctly at this time. The concern may have been caused by a loose or corroded connector.

Y1-Y5

Normal Operation

The traction control/stability assist indicator informs the driver that a traction control or stability assist event is taking place, by flashing the indicator. It is also used to indicate a malfunction in the traction control/stability assist system, or if the traction control/stability assist has been disabled by the operator, by illuminating the indicator constantly (not flashing). The ABS module sends a message to the instrument cluster along the CAN bus to illuminate the traction control/stability assist indicator.

Possible Causes

- Traction control switch
- Traction control/stability assist system
- ABS module
- Instrument cluster