

NO.1 ANY OF THE FOLLOWING LIGHTS DO NOT ILLUMINATE WITH THE IGNITION ON: (ABS WARNING LIGHT, BRAKE SYSTEM WARNING LIGHT, TCS/DSC INDICATOR LIGHT AND/OR TCS OFF INDICATOR LIGHT) [DYNAMIC STABILITY CONTROL (DSC)]

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1	Any of the following lights do not illuminate with the ignition to ON: (ABS warning light, brake system warning light, TCS/DSC indicator light and/or TCS OFF indicator light)
POSSIBLE CAUSE	<ul style="list-style-type: none"> • DSC HU/CM does not operate. • Communication error between DSC HU/CM and instrument cluster • Instrument cluster malfunction • DSC HU/CM internal malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY WHERE MALFUNCTION IS IN WARNING LIGHTS AND INDICATOR LIGHTS' COMMON POWER SUPPLY, OR IN OTHER WARNING LIGHTS AND INDICATOR LIGHTS <ul style="list-style-type: none"> • Connect the M-MDS (IDS) to the DLC-2. • Turn on all warning lights and indicator lights using the instrument cluster PID WL+IL of active command modes. (See ACTIVE COMMAND MODES INSPECTION [INSTRUMENT CLUSTER].) • Do other warning and indicator lights illuminate? 	Yes Go to Step 5.
		No If communication error message is displayed on the M-MDS (IDS) screen: <ul style="list-style-type: none"> • Go to the next step. If communication error message is not displayed: <ul style="list-style-type: none"> • Replace the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/ INSTALLATION.)
2	INSPECT INSTRUMENT CLUSTER POWER SUPPLY FUSE <ul style="list-style-type: none"> • Inspect the instrument cluster ignition power supply fuse. • Is the fuse normal? 	Yes Go to the next step.
		No Inspect the blown fuse's circuit for short to ground. Repair or replace the wiring harness for a possible short to ground as necessary. Install appropriate amperage fuse.
*3	VERIFY WHETHER MALFUNCTION IS IN WIRING HARNESS (BETWEEN INSTRUMENT CLUSTER POWER SUPPLY AND INSTRUMENT CLUSTER FOR CONTINUITY) OR ELSEWHERE <ul style="list-style-type: none"> • Switch the ignition to ON. • Measure the voltage at the instrument cluster terminal 2S (wiring harness-side). • Is the voltage approx. 12 V? 	Yes Go to the next step.
		No Inspect for open circuit between instrument cluster and ignition. Repair or replace the wiring harness for a possible open circuit as necessary.
*4	VERIFY WHETHER MALFUNCTION IS IN WIRING HARNESS (BETWEEN INSTRUMENT CLUSTER AND GROUND FOR CONTINUITY) OR INSTRUMENT CLUSTER <ul style="list-style-type: none"> • Switch the ignition to off. • Disconnect the instrument cluster connector. • Inspect for continuity between instrument cluster terminal 2K (wiring harness-side) and body ground. • Is there continuity? 	Yes Replace the instrument cluster. (Open circuit in the instrument cluster) (See INSTRUMENT CLUSTER REMOVAL/ INSTALLATION.)
		No Repair or replace the wiring harness for a possible open circuit and poor contact in GND point.
5	CONFIRM DSC HU/CM DTC <ul style="list-style-type: none"> • Retrieve the DSC HU/CM DTC using the M-MDS (IDS). (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Are any DTCs present? 	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No If communication error message is displayed on the M-MDS (IDS) screen: <ul style="list-style-type: none"> • Go to the next step. If communication error message is not displayed: <ul style="list-style-type: none"> • Go to Step 9.
6	INSPECT DSC HU/CM POWER SUPPLY FUSE <ul style="list-style-type: none"> • Inspect the DSC HU/CM ignition power supply fuse. • Is the fuse normal? 	Yes Go to the next step.
		No Inspect the blown fuse's circuit for short to ground. Repair or replace the wiring harness for a possible short to ground as necessary. Install appropriate amperage fuse.

STEP	INSPECTION	ACTION	
*7	VERIFY WHETHER MALFUNCTION IS IN WIRING HARNESS (BETWEEN DSC HU/CM POWER SUPPLY AND DSC HU/CM FOR CONTINUITY) OR ELSEWHERE <ul style="list-style-type: none"> • Switch the ignition to ON. • Measure the voltage at the DSC HU/CM terminal Q (wiring harness-side). • Is the voltage approx. 12 V? 	Yes	Go to the next step.
		No	Inspect for open circuit between DSC HU/CM and ignition. Repair or replace the wiring harness for a possible open circuit as necessary.
*8	VERIFY WHETHER MALFUNCTION IS IN WIRING HARNESS (BETWEEN DSC HU/CM AND GROUND FOR CONTINUITY) OR ELSEWHERE <ul style="list-style-type: none"> • Switch the ignition to off. • Disconnect the DSC HU/CM connector. • Inspect for continuity between DSC HU/CM terminal AL (wiring harness-side) and body ground. • Is there continuity? 	Yes	Replace the DSC HU/CM. (Open circuit in the DSC HU/CM) (See DSC HU/CM REMOVAL/INSTALLATION.)
		No	Repair or replace the wiring harness for a possible open circuit and poor contact in GND point.
9	CONFIRM INSTRUMENT CLUSTER DTC <ul style="list-style-type: none"> • Retrieve the instrument cluster DTC using the M-MDS (IDS). (See DTC INSPECTION [INSTRUMENT CLUSTER].) • Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See DTC TABLE [INSTRUMENT CLUSTER].)
		No	Replace the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.)

- When performing an asterisked (*) troubleshooting inspection, shake the wiring harness and connectors while doing the inspection to discover whether poor contact points are the cause of any intermittent malfunctions. If there is a problem, check to make sure connectors, terminals and wiring harness are connected correctly and undamaged.