

DTC U2300:55/U2300:56 [LASER SENSOR]

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DTC	U2300:55, U2300:56	Configuration data not recorded
DETECTION CONDITION	• Laser sensor detects configuration data not recorded or data error.	
FAIL-SAFE FUNCTION	• Inhibits the smart city brake support (SCBS) controls. • Illuminates the master warning light • The message "SCBS Inspection Required" is indicated in the display.	
POSSIBLE CAUSE	• Laser sensor configuration procedure is not done properly • Correct data cannot be received from instrument cluster	
SYSTEM WIRING DIAGRAM	—	

Diagnostic procedure

STEP	INSPECTION		ACTION
1	RECORD THE CAR CONFIGURATION DATA <ul style="list-style-type: none">• Switch the ignition to off.• Switch the ignition ON (engine on).		Go to the next step.
2	VERIFY THAT THE SAME DTC IS NOT PRESENT <ul style="list-style-type: none">• Clear the DTCs from the memory. (See ON-BOARD DIAGNOSIS [LASER SENSOR].)• Are the same DTCs present?	Yes	Repeat the inspection from Step 1. If the malfunction recurs, go to the next step.
		No	Go to step 5.
3	INSPECT FOR INSTRUMENT CLUSTER MALFUNCTION <ul style="list-style-type: none">• Switch the ignition to off.• Using the M-MDS, perform the DTC inspection for the instrument cluster. (See DTC INSPECTION [INSTRUMENT CLUSTER].)• Are any DTCs detected?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [INSTRUMENT CLUSTER].) After repairing the instrument cluster, then go to the next step.
		No	Go to the next step.
4	VERIFY THAT THE SAME DTC IS NOT PRESENT <ul style="list-style-type: none">• Clear the DTCs from the memory. (See ON-BOARD DIAGNOSIS [LASER SENSOR].)• Are the same DTCs present?	Yes	Replace the laser sensor. (See LASER SENSOR REMOVAL/INSTALLATION.)
		No	Go to the next step.
5	VERIFY THAT NO OTHER DTCS ARE PRESENT <ul style="list-style-type: none">• Are any other DTCs output?	Yes	Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [LASER SENSOR].)
		No	DTC troubleshooting completed.