

DTC B11D4:53 [INSTRUMENT CLUSTER]

id0902e8016100

System malfunction location	Laser sensor malfunction
Detection condition	<ul style="list-style-type: none">• Instrument cluster detects the following malfunctions]<ul style="list-style-type: none">— Laser sensor malfunction— Malfunction in smart city brake support related system (laser sensor, DSC HU/CM, PCM)
Fail-safe	<ul style="list-style-type: none">• Inhibits the smart city brake support control.• Warning message related to the smart city brake support is displayed in the TFT LCD display.
Possible cause	<ul style="list-style-type: none">• System related to the smart city brake support stores DTCs.• Laser sensor malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	VERIFY ALL SYSTEM DTCs <ul style="list-style-type: none">• Switch the ignition to off.• Switch the ignition ON (engine off or on) and wait for 10 s or more.• Perform a CMDTC self-test using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].)• Are any DTCs other than DTC B11D4:53?	Yes Repair the malfunctioning part according to the applicable system DTC troubleshooting.
		No Go to the next step.
2	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none">• Clear DTC for the instrument cluster using the M-MDS. (See CLEARING DTC [INSTRUMENT CLUSTER].)• Switch the ignition ON (engine off or on) and wait for 10 s or more.• Perform a CMDTC self-test using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].)• Is DTC B11D4:53 displayed?	Yes Replace the laser sensor, then go to the next step. (See LASER SENSOR REMOVAL/INSTALLATION.)
		No Go to the next step.
3	VERIFY IF OTHER DTCs DISPLAYED <ul style="list-style-type: none">• Are any other DTCs displayed?	Yes Repair the malfunctioning part according to the applicable system DTC troubleshooting.
		No DTC troubleshooting completed.