

# SECURITY INDICATOR LIGHT: 13, DTC: B13D3:94/P1260:00 [IMMOBILIZER SYSTEM]

id0902e4027800

<b>System malfunction location</b>	<b>Communication error with remote transmitter</b>
<b>Detection condition</b>	<ul style="list-style-type: none"> <li>The starter stop unit could not detect remote transmitter communication or communication error was detected.</li> </ul>
<b>Fail-safe</b>	—
<b>Possible cause</b>	<ul style="list-style-type: none"> <li>When the ignition is switched ON (engine off or on), it is detected that the remote transmitter is outside of the vehicle.</li> <li>Push button start connector or terminal malfunction</li> <li>Start stop unit connector or terminal malfunction</li> <li>Remote transmitter malfunction</li> <li>Start stop unit malfunction</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>If any of the following items are touching or near the remote transmitter, signal communication between the remote transmitter and the vehicle is negatively affected, resulting in the engine not starting. <ul style="list-style-type: none"> <li>Spare keys</li> <li>Keys for other vehicles equipped with an immobilizer system</li> <li>Any metallic object</li> <li>Any electronic device, or any credit or other card with magnetic strips</li> <li>Radio wave outputting device nearby</li> </ul> </li> </ul>
<b>System wiring diagram</b>	—

## Diagnostic Procedure

Step	Inspection	Action
1	<b>INSPECT PUSH BUTTON START CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>Switch the ignition to off.</li> <li>Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)</li> <li>Disconnect the push button start connector.</li> <li>Inspect the connector engagement and connection condition and inspect the terminals for damage, deformation, corrosion, or disconnection.</li> <li>Is the connector normal?</li> </ul>	Yes Go to the next step.
		No Repair or replace the connector, then go to Step 4.
2	<b>INSPECT START STOP UNIT CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>Disconnect the start stop unit connector.</li> <li>Inspect the connector engagement and connection condition and inspect the terminals for damage, deformation, corrosion, or disconnection.</li> <li>Is the connector normal?</li> </ul>	Yes Go to the next step.
		No Repair or replace the connector, then go to Step 4.

Step	Inspection	Action	
3	<b>VERIFY IF MALFUNCTION CAUSE IS REMOTE TRANSMITTER</b> <ul style="list-style-type: none"> <li>• Reconnect all the disconnected connectors.</li> <li>• Reconnect the disconnected negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)</li> <li>• Re-program key ID number of the remote transmitter. (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING.)</li> <li>• Clear DTC for the immobilizer system using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM].)</li> <li>• Perform the DTC inspection for the immobilizer system using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM].)</li> <li>• Security indicator light: 13, DTC B13D3:94/P1260:00 displayed?</li> </ul>	Yes	Replace the remote transmitter, then go to the next step. (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING.)
		No	Go to Step 5.
4	<b>VERIFY THAT REPAIRS HAVE BEEN COMPLETED</b> <ul style="list-style-type: none"> <li>• Reconnect all the disconnected connectors.</li> <li>• Reconnect the disconnected negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)</li> <li>• Clear DTC for the immobilizer system using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM].)</li> <li>• Perform the DTC inspection for the immobilizer system using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM].)</li> <li>• Security indicator light: 13, DTC B13D3:94/P1260:00 displayed?</li> </ul>	Yes	Repeat the inspection from Step 1. • If the malfunction recurs, replace the start stop unit, then go to the next step. (See START STOP UNIT REMOVAL/INSTALLATION.)
		No	Go to the next step.
5	<b>VERIFY IF OTHER DTCs DISPLAYED</b> <ul style="list-style-type: none"> <li>• Are any other DTCs displayed?</li> </ul>	Yes	Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [IMMOBILIZER SYSTEM].)
		No	DTC troubleshooting completed.