

SECURITY INDICATOR LIGHT: 16, DTC: U0100:87/P1260:00 [IMMOBILIZER SYSTEM]

id0902e4908600

System malfunction location	Communication error with PCM (no response or data mis-match)
Detection condition	<ul style="list-style-type: none"> The starter stop unit detects a communication error (no response or immobilizer system cancel not possible) with the PCM.
Fail-safe	—
Possible cause	<ul style="list-style-type: none"> The immobilizer system-related parts have not been programmed when replacing the PCM or start stop unit. Start stop unit malfunction PCM malfunction
System wiring diagram	—

Diagnostic Procedure

Diagnostic Procedure

Step	Inspection		Action
1	Perform immobilizer system-related part programming. <ul style="list-style-type: none">Perform start stop unit replacement and programming due to simultaneous replacement of start stop unit/PCM. (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING.)Clear DTC for the immobilizer system using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM].)Perform the DTC inspection for the immobilizer system using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM].)Security indicator light: 16, DTC U0100:87/ P1260:00 displayed?	Yes No	Go to the next step. Go to Step 4.
2	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS START STOP UNIT <ul style="list-style-type: none">Clear DTC for the immobilizer system using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM].)Perform the DTC inspection for the immobilizer system using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM].)Security indicator: 16, DTC U0100:87/P1260:00 displayed?	Yes No	Replace the start stop unit, then go to the next step. (See START STOP UNIT REMOVAL/INSTALLATION.) Go to Step 4.
3	PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS PCM <ul style="list-style-type: none">Clear DTC for the immobilizer system using the M-MDS. (See CLEARING DTC [IMMOBILIZER SYSTEM].)Perform the DTC inspection for the immobilizer system using the M-MDS. (See DTC INSPECTION [IMMOBILIZER SYSTEM].)Security indicator: 16, DTC U0100:87/P1260:00 displayed?	Yes No	Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step.
4	VERIFY IF OTHER DTCs DISPLAYED <ul style="list-style-type: none">Are any other DTCs displayed?	Yes No	Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [IMMOBILIZER SYSTEM].) DTC troubleshooting completed.