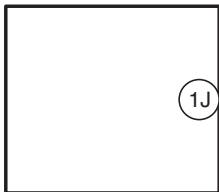
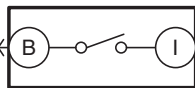
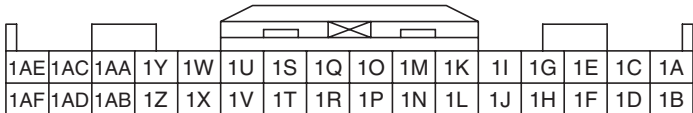
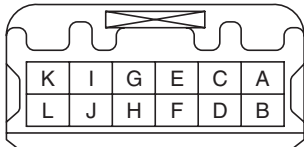
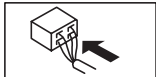
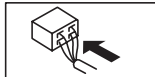


DTC P081C:23 [START STOP UNIT]

id0902p6022700

System malfunction location	NOT P position switch circuit malfunction
Detection condition	<ul style="list-style-type: none"> The start stop unit detects NOT P position switch is stuck on for 5 s or more for a continuous 5 times with the ignition switched ON (engine off or on).
Fail-safe	<ul style="list-style-type: none"> Perform the NOT P position switch control in a position other than P.
Possible cause	<ul style="list-style-type: none"> Selector lever component connector or terminal malfunction NOT P position switch malfunction Start stop unit connector or terminal malfunction Short to ground in wiring harness between start stop unit terminal 1J and selector lever component terminal B Start stop unit malfunction
<div> <div> START STOP UNIT  </div> <div> NOT P POSITION SWITCH SELECTOR LEVER COMPONENT  </div> </div> <div> <div> START STOP UNIT WIRING HARNESS-SIDE CONNECTOR  </div> <div> SELECTOR LEVER COMPONENT WIRING HARNESS-SIDE CONNECTOR  </div> </div> <div>   </div>	

Diagnostic Procedure

Step	Inspection	Action
1	INSPECT SELECTOR LEVER COMPONENT CONNECTOR CONDITION <ul style="list-style-type: none"> Switch the ignition to off. 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].) Disconnect the selector lever component connector. Inspect the connector engagement and connection condition and inspect the terminals for damage, deformation, corrosion, or disconnection. Is the connector normal? 	<div>Yes</div> Go to the next step.
		<div>No</div> Repair or replace the connector, then go to Step 5.
2	INSPECT NOT P POSITION SWITCH <ul style="list-style-type: none"> Inspect the NOT P position switch. (See NOT P POSITION SWITCH INSPECTION.) Is the NOT P position switch normal? 	<div>Yes</div> Go to the next step.
		<div>No</div> Replace the selector lever component, then go to Step 5. (See AUTOMATIC TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION.)

Step	Inspection	Action
3	INSPECT START STOP UNIT CONNECTOR CONDITION <ul style="list-style-type: none"> • Disconnect the start stop unit connector. • Inspect the connector engagement and connection condition and inspect the terminals for damage, deformation, corrosion, or disconnection. • Is the connector normal? 	Yes Go to the next step.
		No Repair or replace the connector, then go to Step 5.
4	INSPECT NOT P POSITION SWITCH CIRCUIT FOR SHORT TO GROUND <ul style="list-style-type: none"> • Verify that the start stop unit and selector lever component connectors are disconnected. • Inspect for continuity between selector lever component terminal B (vehicle wiring harness) and body ground. • Is there continuity? 	Yes Repair or replace the wiring harness which has a short to ground, then go to the next step.
		No Go to the next step.
5	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none"> • Reconnect all the disconnected connectors. • 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].) • Clear DTC for the start stop unit using the M-MDS. (See CLEARING DTC [START STOP UNIT].) • Switch the ignition ON (engine off). • Perform the following work 5 or more times. <ul style="list-style-type: none"> — Operate the selector lever to positions from other than P and hold for 5 s or more. — Operate the selector lever to position P and hold for 5 s or more. — Operate the selector lever to positions from other than P. • Perform the DTC inspection for the start stop unit using the M-MDS. (See DTC INSPECTION [START STOP UNIT].) • Is DTC P081C:23 displayed? 	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.
6	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 DTC troubleshooting. (See DTC TABLE [START STOP UNIT].)
		No DTC troubleshooting completed.