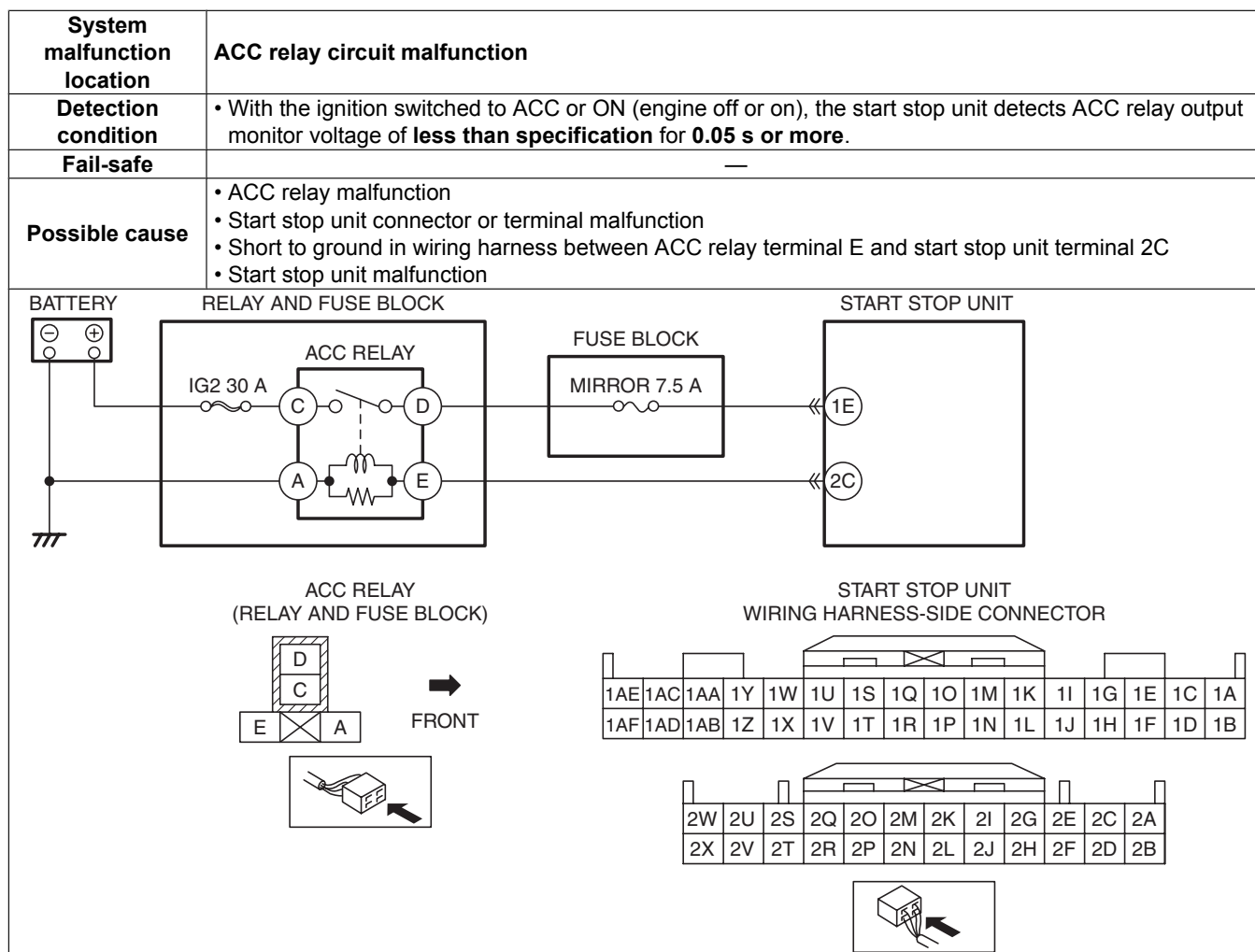


DTC U3004:11 [START STOP UNIT]

id0902p6025000



Diagnostic Procedure

Step	Inspection	Action
1	INSPECT ACC RELAY FOR MALFUNCTION <ul style="list-style-type: none"> Switch the ignition to off. Disconnect the negative battery cable. (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) Remove the ACC relay. (See RELAY LOCATION.) Inspect the ACC relay. (See RELAY INSPECTION.) Is the ACC relay normal? 	Yes Go to the next step.
		No Replace the ACC relay, then go to Step 4. (See RELAY LOCATION.)
2	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 4.

Step	Inspection	Action	
3	INSPECT ACC RELAY CIRCUIT FOR SHORT TO GROUND <ul style="list-style-type: none"> • Verify that the ACC relay is removed. • Verify that the start stop unit connector is disconnected. • Inspect for continuity between ACC relay terminal E (vehicle wiring harness side) and body ground. • Is there continuity? 	Yes	Repair or replace the wiring harness which is shorted to ground, then go to Step 4.
		No	Go to the next step.
4	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none"> • Reconnect all the disconnected connectors. • Reconnect the disconnected negative battery cable. (See BATTERY INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) • (See BATTERY INSPECTION [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 to ACC or ON (engine off or on) and wait for 0.05 s or more. • Perform the DTC inspection for the start stop unit using the M-MDS. (See DTC INSPECTION [START STOP UNIT].) • Is the DTC U3004:11 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.
5	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.