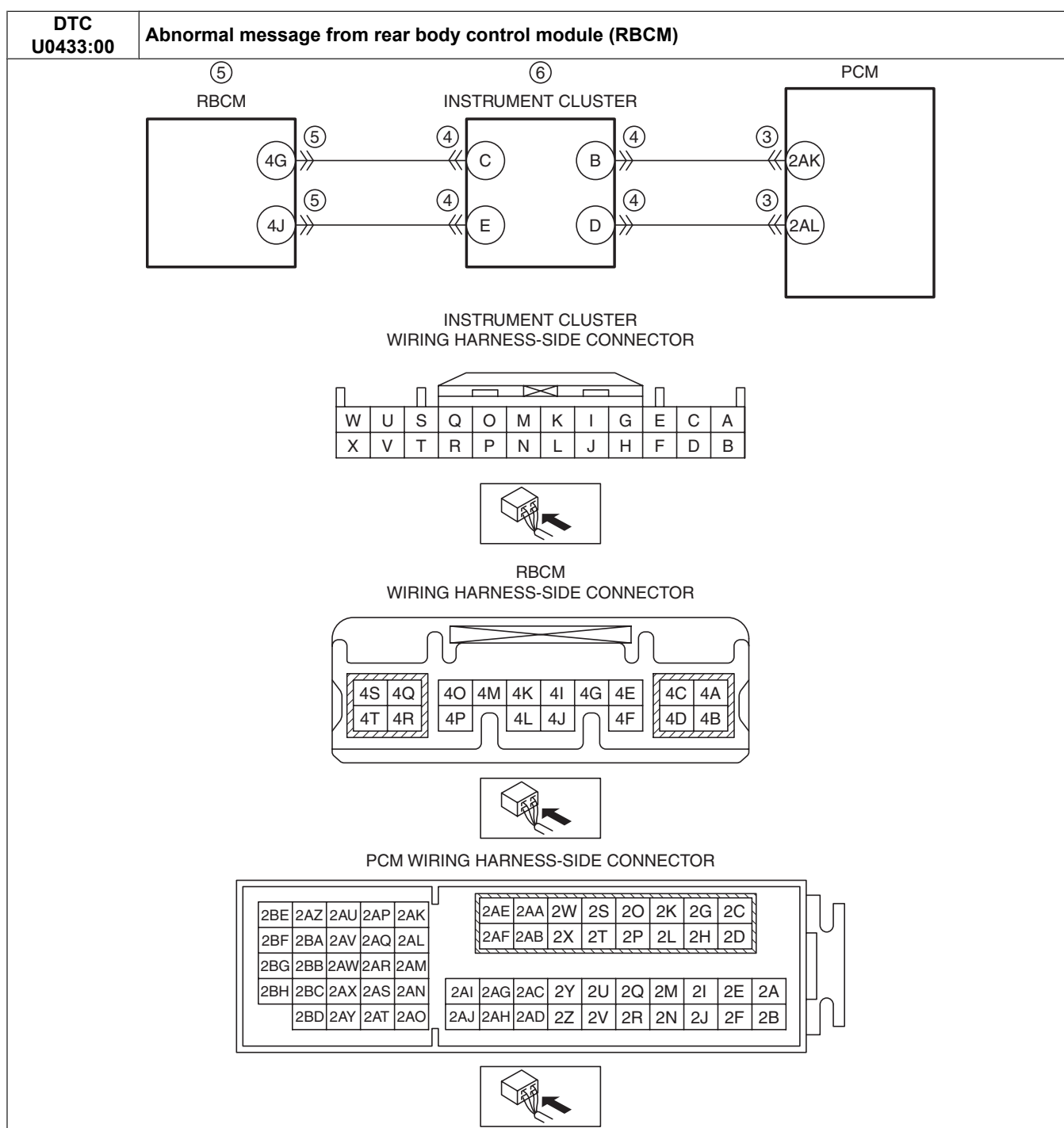

DTC U0433:00 [SKYACTIV-G 2.0]

id0102h1901700

DTC U0433:00	Abnormal message from rear body control module (RBCM)
DETECTION CONDITION	<ul style="list-style-type: none">• Correct data cannot be received from rear body control module (RBCM). Diagnostic support note <ul style="list-style-type: none">• This is a continuous monitor (other).• The check engine light does not illuminate.• FREEZE FRAME DATA (Mode 2)/Snapshot data is not available.• The DTC is stored in the PCM memory.
FAIL-SAFE FUNCTION	<ul style="list-style-type: none">• Illuminates the TCS/DSC indicator light.• Inhibits the TCS (engine control) and DSC controls.
POSSIBLE CAUSE	<ul style="list-style-type: none">• CAN communication line between rear body control module (RBCM) and PCM malfunction• PCM connector or terminals malfunction• Instrument cluster connector or terminals malfunction• Rear body control module (RBCM) connector or terminals malfunction• Rear body control module (RBCM) malfunction• Instrument cluster malfunction• PCM malfunction



Diagnostic Procedure

STEP	INSPECTION	ACTION	
1	VERIFY RELATED SERVICE INFORMATION AVAILABILITY <ul style="list-style-type: none"> Verify related Service Information availability. Is any related Service Information available? 	Yes	Perform repair or diagnosis according to the available Service Information.
		No	Go to the next step.
2	CONFIRM REAR BODY CONTROL MODULE (RBCM) DTC <ul style="list-style-type: none"> Switch the ignition to off, then to ON (engine off). Perform the rear body control module (RBCM) DTC inspection using the M-MDS. (See DTC INSPECTION [REAR BODY CONTROL MODULE (RBCM)].) Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See DTC TABLE [REAR BODY CONTROL MODULE (RBCM)].)
		No	Go to the next step.

STEP	INSPECTION	ACTION	
3	INSPECT PCM CONNECTOR CONDITION <ul style="list-style-type: none"> • Switch the ignition to off. • Disconnect the PCM connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion). • Is there any malfunction? 	Yes	Repair or replace the connector and/or terminals, then go to Step 7.
		No	Go to the next step.
4	INSPECT INSTRUMENT CLUSTER CONNECTOR CONDITION <ul style="list-style-type: none"> • Disconnect the instrument cluster connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion). • Is there any malfunction? 	Yes	Repair or replace the connector and/or terminals, then go to Step 7.
		No	Go to the next step.
5	INSPECT REAR BODY CONTROL MODULE (RBCM) CONNECTOR CONDITION <ul style="list-style-type: none"> • Disconnect the rear body control module (RBCM) connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion). • Is there any malfunction? 	Yes	Repair or replace the connector and/or terminals, then go to Step 7.
		No	Rear body control module (RBCM) can be considered the cause. <ul style="list-style-type: none"> • Inspect the rear body control module (RBCM). (See REAR BODY CONTROL MODULE (RBCM) INSPECTION.) <ul style="list-style-type: none"> — If there is any malfunction: <ul style="list-style-type: none"> • Replace the rear body control module (RBCM), then go to Step 7. (See REAR BODY CONTROL MODULE (RBCM) REMOVAL/INSTALLATION.) — If there is no malfunction: <ul style="list-style-type: none"> • Go to the next step.
6	INSPECT INSTRUMENT CLUSTER <ul style="list-style-type: none"> • Inspect the instrument cluster. (See INSTRUMENT CLUSTER INSPECTION.) • Is there any malfunction? 	Yes	Replace the instrument cluster, then go to the next step. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.)
		No	Go to the next step.
7	VERIFY DTC TROUBLESHOOTING COMPLETED <ul style="list-style-type: none"> • Make sure to reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0].) • Perform the KOEO or KOER self test. (See KOEO/KOER SELF TEST [SKYACTIV-G 2.0].) • Is the same DTC present? 	Yes	Repeat the inspection from Step 1. <ul style="list-style-type: none"> • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0].) Go to the next step.
		No	Go to the next step.
8	VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none"> • Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0].) • Are any DTCs present? 	Yes	Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0].)
		No	DTC troubleshooting completed.