DTC P0122:00 [SKYACTIV-D 2.2]

id0102s4701800

	id0102s4701800				
DTC P0122:00	APP sensor No.1 circuit low input				
The PCM monitors the input voltage from APP sensor No.1 when the engine is running. If the input voltage at the PCM terminal 2AN is below 0.30 V for 0.5 s, the PCM determines that the APP sensor No.1 circuit input voltage is low. MONITORING CONDITIONS — Battery voltage: 8—20 V Diagnostic support note • This is a continuous monitor (CCM). • The check engine light illuminates if the PCM detects the above malfunction condition during the first drive cycle. • FREEZE FRAME DATA (Mode 2)/Snapshot data is available. • DTC is stored in the PCM memory.					
FAIL-SAFE FUNCTION	 PCM restricts engine torque. Inhibits the EGR control. Inhibits the diesel particulate filter regeneration control. Inhibits engine-stop by operating the i-stop function. 				
POSSIBLE CAUSE	APP sensor connector or terminals malfunction Short to ground in wiring harness between the following terminals: APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN PCM connector or terminals malfunction				
	® PCM				
	APP SENSOR NO.1 (APP SENSOR)				
APP SENSOR PCM WIRING HARNESS-SIDE CONNECTOR					
WI	RING HARNESS-SIDE				

Diagnostic Procedure

STEP	INSPECTION		ACTION
1	VERIFY FREEZE FRAME DATA (MODE 2)/	Yes	Go to the next step.
	SNAPSHOT DATA HAS BEEN RECORDED	No	Record the FREEZE FRAME DATA (Mode 2)/snapshot data
	Has the FREEZE FRAME DATA (Mode 2)/		on the repair order, then go to the next step.
	snapshot data been recorded?		

VERIFY RELATED SERVICE INFORMATION AVAILABILITY Verify related Service information availability. Is any related Service information availability. Is any related Service information availability. Is any related Service information availability. Inspect APP SENSOR CONNECTOR CONDITION Switch the ignition off. Disconnect the APP sensor connector. Inspect for poor connection (such as damaged/pilled-out pins, corrosion). Inspect TAP SENSOR NO.1 CIRCUIT FOR SHORT TO GROUND Verify that the APP sensor connector is disconnected. Inspect for continuity between the following terminals (wring harness-side) and body ground: APP sensor terminal B Is there continuity? INSPECT PCM CONNECTOR CONDITION Inspect for DC CONDITION Inspect for poor connection (such as damaged/pilled-out pins, corrosion). Is there any maifunction? Inspect for DC CONNECTOR CONDITION Inspect for DC CONNECTOR CONDITION (APP) Inspect for DC CONNECTOR CONDITION (APP	STEP	INSPECTION		ACTION
AVAILABILITY - Verify related Service Information availability, - Is any related Service Information availability, - Is supported to the significant of the support of			Yes	1111111
. Verify related Service information availability Is any related Service information availabile? . INSPECT APP SENSOR CONNECTOR CONDITION . Switch the ignition off Disconnect the APP sensor connector Inspect for poor connection (such as damaged/pulled-out pins, corrosion) Is there any malfunction? . Nerrify that the APP sensor connector disconnected Inspect for continuity between the following terminals (writing harness-side) and body ground: . APP sensor terminal B IS there continuity? INSPECT PCM CONNECTOR CONDITION . Disconnect the PCM connector Inspect for poor connection (such as damaged/pulled-out pins, corrosion) Inspect for continuity between the following terminals and C (witing harness-side) Is there any malfunction? INSPECT PCM CONNECTOR CONDITION . On the next step. No Go to the next step. Yes If the short to ground circuit could be detected in the wiring harness Repair or replace the wiring harness for a possible short to ground circuit could not be detected in the wiring harness Repair or replace the wiring harness for a possible short to ground circuit could not be detected in the wiring harness Repair or replace the wiring harness for a possible short to ground circuit could not be detected in the wiring harness Repair or replace the wiring harness for a possible short to ground circuit could not be detected in the wiring harness Repair or replace the wiring harness for a possible short to ground circuit. If the short to ground circuit could not be detected in the wiring harness Repair or replace the wiring harness for a possible short to ground circuit Repair or replace the wiring harness for a possible short to each other, then go to Step 9. No Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. The verification of the next step Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. The verification of the next step Yes Repair or replace the	_			
- Is any related Service Information available? 3 INSPECT APP SENSOR CONNECTOR CONDITION - Switch the lignilition off Obsconnect the APP sensor connector Inspect for poor connection (such as damaged/ pulled-out pins, corrosion) Is there any malfunction? 4 INSPECT APP SENSOR NO.1 CIRCUIT FOR SHORT TO GROUND - Verify that the APP sensor connector is disconnected Inspect for continuity between the following terminals (wiring harness-side) and body ground: - APP sensor terminal A - Inspect for poor connection (such as damaged/ pulled-out pins, corrosion) Is there on thin the APP sensor and PCM connectors are disconnected Inspect for poor connection (such as damaged/ pulled-out pins, corrosion) Is there any malfunction? 6 INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH THAT THE APP sensor and PCM connectors are disconnected Inspect for poor connection (such as damaged/ pulled-out pins, corrosion) Is there continuity between APP sensor terminals B and C (wiring harness-side) Is there continuity - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminal B and C (wiring harness-side) APP sensor terminal B—PCM terminal 2AM APP sen		Verify related Service Information availability.		
INSPECT APP SENSOR CONNECTOR CONDITION Switch the ignition off.			No	
CONDITION - Switch the ignition off Disconnect the APP sensor connector Inspect for poor connection (such as damaged/pulled-out pins, corrosion) Is there any malfunction? 4 INSPECT APP SENSOR NO.1 CIRCUIT FOR SHORT TO GROUND - Verify that the APP sensor connector is disconnected Inspect for continuity between the following terminals (wring harness-side) and body ground: - APP sensor terminal B - Is there continuity? 5 INSPECT PCM CONNECTOR CONDITION - Disconnect the PCM connector Inspect for poor connection (such as damaged/pulled-out pins, corrosion) Is there any malfunction? 6 INSPECT PS ENSOR NO.1 SIGNAL CIRCUIT FOR OPEN CIRCUIT - AND GROUND CIRCUIT FOR SHORT TO EACH OTHER - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminals B and C (wiring harness-side) APP sensor terminal B—PCM terminal 2AM - Ne sensor terminal B—PCM terminal 2AM - Ne sensor terminal B—PCM terminal 2AM - APP sensor terminal B—PCM terminal 2AM - APP sensor terminal B—PCM terminal 2AM - Ne sensor terminal B	3			
Switch the ignition off. Disconnect the APP sensor connector. Inspect for poor connection (such as damaged/pulled-out pins, corrosion). Inspect for continuity between the following terminals (wiring harness-side) and body ground: APP sensor terminal A — APP sensor terminal B and C (wiring harness-side). Inspect or continuity between the following terminals and C (wiring harness-side). Inspect for continuity between the following terminals and C (wiring harness-side). Inspect for poor connection (such as damaged/ disconnected. Inspect for poor connection (such as damaged/ pulled-out pins, corrosion). Is there continuity? Signature any maffunction? INSPECT PCM CONNECTOR CONDITION Inspect for poor connection (such as damaged/ pulled-out pins, corrosion). Is there any maffunction? No Go to Step 9. No Go to the next step. No Go to the				
Disconnect the APP sensor connector. Inspect for poor connection (such as damaged/ pulled-out pins, corrosion).		Switch the ignition off.	No	
pulled-out pins, corrosion). - Is there any malfunction? 4 INSPECT APP SENSOR NO.1 CIRCUIT FOR SHORT TO GROUND - Verify that the APP sensor connector is disconnected. - APP sensor terminal B - Is there continuity? 5 INSPECT PCM CONNECTOR CONDITION - Disconnect the PCM connector. - Inspect for post or connection (such as damaged/pulled-out pins, corrosion). - Is there any malfunction? 6 INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR OPEN Caronnected. - Inspect for continuity between APP sensor terminals B and C (wiring harness-side). - Is there continuity? 7 INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT - Verify that the APP sensor and PCM connectors are disconnected. - Inspect for continuity between APP sensor terminals B and C (wiring harness-side). - Is there continuity. - APP sensor terminal A—PCM terminal 2AM - APP sensor terminal B—PCM terminal 2AM - Reconnected Inspect for continuity between the following terminals (wiring harness-side): - Reconnect all disconnected connectors. - Inspect for continuity between the following terminals (wiring harness-side): - Reconnect all disconnected connectors. - Respair or replace the wiring harness for a possible short to each other, then go to Step 9. Go to the next step. Yes Go to the next step. No Go to the next step. No Go to the next step. No Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. No Go to the next step. No Go to				'
- Is there any malfunction? 4 INSPECT APP SENSOR NO.1 CIRCUIT FOR SHORT TO GROUND • Verify that the APP sensor connector is disconnected. • Inspect for continuity between the following terminals (wiring harness-side) and body ground: — APP sensor terminal B • Is there continuity? 5 INSPECT PCM CONNECTOR CONDITION • Disconnect the PCM connector. • Inspect for poor connection (such as damaged/pulled-out pins, corrosion), • Is there any malfunction? 6 INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH OTHER • Verify that the APP sensor and PCM connectors are disconnected. • Inspect for continuity between APP sensor terminals B and C (wiring harness-side). • Is there continuity? 7 INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT • Verify that the APP sensor and PCM connectors are disconnected. • Inspect for continuity between the following terminals (wiring harness-side). • Is there continuity? 8 INSPECT APP SENSOR NO.1 • Repair or replace the wiring harness for a possible short to each other, then go to Step 9. 5 So to the next step. 5 So to the next step. 6 So to the next step. 6 So to the next step. 6 So to the next step. 7 So to the next step. 8 Sepair or replace the wiring harness for a possible short to each other, then go to Step 9. 8 Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. 9 Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. 9 Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. 9 Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. 9 Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. 9 Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. 9 Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. 9 Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. 9 Sepair or replace the w		Inspect for poor connection (such as damaged/		
INSPECT APP SENSOR NO.1 CIRCUIT FOR SHORT TO GROUND		pulled-out pins, corrosion).		
SHORT TO GROUND Verify that the APP sensor connector is disconnected. Inspect for continuity between the following terminals (wiring harness-side) and body ground. — APP sensor terminal A — APP sensor terminal B Is there continuity? INSPECT PCM CONNECTOR CONDITION Inspect for poor connection (such as damaged/ pulled-out pins, corrosion), is there any malfunction? INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side), is there continuity. INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side). Inspect for poor connection (such as damaged/ pulled-out pins, corrosion), is there continuity? INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Inspect for poor connection (such as damaged/ pulled-out pins, corrosion), is there continuity? INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Go to the next step. No Go to the next step.		Is there any malfunction?		
- Verify that the APP sensor connector is disconnected Inspect for continuity between the following terminals (wiring harness-side) and body ground: - APP sensor terminal B - Is there continuity? INSPECT PCM CONNECTOR CONDITION - Disconnect the PCM connector Inspect for poor connection (such as damaged/pulled-out pins, corrosion), - Is there any malfunction? INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR OPEN CIRCUIT - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminal B and C (wiring harness-side) Inspect for continuity between APP sensor terminal S and C (wiring harness-side) Inspect for continuity between APP sensor terminal APP sensor senso	4	INSPECT APP SENSOR NO.1 CIRCUIT FOR	Yes	If the short to ground circuit could be detected in the wiring
disconnected. Inspect for continuity between the following terminals (wiring harness-side) and body ground: APP sensor terminal A APP sensor terminal B Is there continuity? Inspect PCM CONNECTOR CONDITION Disconnect the PCM connector. Inspect for poor connection (such as damaged/pulled-out pins, corrosion). Is there any malfunction? INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH OTHER Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Inspect for poor terminal B—PCM terminal 2AM—APP sensor terminal B—PCM terminal 2AM—Is there continuity? INSPECT APP SENSOR NO.1. Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Co to the next				
If the short to ground circuit could not be detected in the wiring harmess. APP sensor terminal A APP sensor terminal B Is there continuity? INSPECT PCM CONNECTOR CONDITION Disconnect the PCM connector. Inspect for poor connection (such as damaged/pulled-out pins, corrosion). Is there any malfunction? INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harmess-side). Inspect for continuity between APP sensor terminals B and C (wiring harmess-side). Inspect for continuity between the following terminals (wiring harmess-side): APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? INSPECT APP SENSOR NO.1 (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION (SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP SENSOR NO.1 (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION (SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor wo.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION (SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor wo.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION (SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor wo.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION (SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor wo.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION (SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor wo.1. (See PCM REMOVAL/INSTALLATION (SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor wo.1. (See PCM REMOVAL/INSTALLATION (SKYACTIV-D 2.2].) For the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION (SKYACTIV-D 2.2].) For the malfunction recurs, replace the PCM. (See PCM REMOVAL/I		_		• Repair or replace the wiring harness for a possible short to
terminals (wiring harness-side) and body ground: APP sensor terminal A APP sensor terminal B Is there continuity? INSPECT PCM CONNECTOR CONDITION Disconnect the PCM connector. Inspect for poor connection (such as damaged/pulled-out pins, corrosion). Is there any malfunction? INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORTTO EACH OTHER Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). Inspect for continuity between the following terminals (wiring harness-side). APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM APP sensor terminal A—PCM terminal 2AM APP sensor terminal A—PCM terminal 2AM Is there continuity? Wes Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Tyes Go to the next step. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Tyes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Repair or replace the viring harness for a possible open ci				
- APP sensor terminal A - APP sensor terminal B - Is there continuity? - INSPECT PCM CONNECTOR CONDITION - Disconnect the PCM connector Inspect for poor connection (such as damaged/pulled-out pins, corrosion) Is there any malfunction? - INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT FOR AND GROUND CIRCUIT FOR SHORT TO EACH OTHER - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminals B and C (wiring harness-side) Inspect for continuity Poer open circuit Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminals B and C (wiring harness-side) Inspect for continuity between the following terminals (wiring harness-side) APP sensor terminal A—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AM — Sensor No.1 (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) - Is there any malfunction? - Verify DTC TROUBLESHOOTING COMPLETED - Always reconnect all disconnected connectors Clear the DTC from the PCM memory using the M-MDS (See AFTER REPAIR PROCEDURE - SKYACTIV-D 2.2].) - Go to the next step Repair or replace the wiring harness for a possible short to each other, then go to Step 9 Repair or replace the wiring harness for a possible open circuit, then go to Step 9 Repair or replace the wiring harness for a possible open circuit, then go to Step 9 Repair or replace the wiring harness for a possible open circuit, then go to Step 9 Repair or replace the wiring harness for a possible open circuit, then go to Step 9 Repair or replace the wiring harness for a possible open circuit, then go to Step 9 Repair or replace the wiring harness for a possible open circuit, then go to Step 9 Repair or replace the wiring harness for a possible open circuit, then go to Step 9 Repair or replace the wiring harness for a po				_
- APP sensor terminal B - Is there continuity? - Inspect or por connection (such as damaged/pulled-out pins, corrosion). - Inspect T PCM CONNECTOR CONDITION - Inspect or por connection (such as damaged/pulled-out pins, corrosion) Is there any malfunction? - Inspect T PP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH OTHER - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminals B and C (wiring harness-side) Is there continuity? - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminals B and C (wiring harness-side) Inspect for continuity between the following terminals (wiring harness-side): - APP sensor terminal A—PCM terminal 2AM—APP sensor terminal B—PCM terminal 2AM—Sensor No.1 - Reconnect all disconnected connectors Inspect the APP sensor No.1 - (See ACCELLERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) - Is there any malfunction? - Verify that the APP sensor No.1 - Reconnect all disconnected connectors Clear the DTC from the PCM memory using the M-MDS (See AFTER REPAIR PROCEDURE - SKYACTIV-D 2.2].) - Go to the next step (See AFTER REPAIR PROCEDURE - SKYACTIV-D 2.2].) - Go to the next step (See AFTER REPAIR PROCEDURE - SKYACTIV-D 2.2].) - Go to the next step (See AFTER REPAIR PROCEDURE - Skyactiv-D 2.2].) - Go to the next step (See AFTER REPAIR PROCEDURE - Skyactiv-D 2.2].)		, , , , , , , , , , , , , , , , , , , ,		
- Is there continuity? - INSPECT PCM CONNECTOR CONDITION - Disconnect the PCM connector Inspect for poor connection (such as damaged/pulled-out pins, corrosion) Is there any malfunction? - INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH OTHER - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminals B and C (wiring harness-side) Is there continuity? - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between APP sensor terminals B and C (wiring harness-side) Inspect for continuity between the following terminals (wiring harness-side): - APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM Is there continuity? - APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM Is there continuity? - Repair or replace the wiring harness for a possible short to each other, then go to Step 9. - Verify that the APP sensor and PCM connectors are disconnected Inspect for continuity between the following terminals (wiring harness-side): - APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM Is there continuity? - APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM Is there continuity? - Replace the accelerator pedal, then go to the next step. - (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) - Is there any malfunction? - Verify that the APP sensor No.1 (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) - Is there any malfunction? - Verify that the APP sensor No.1 (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) - Is there any malfunction? - Verify that the APP sensor No.1 (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) - Is there any malfunction? - Verify that the APP sensor No.1 (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) - Is the malfunction recurs, replace the PCM (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) - If the malfunction recurs, replace the PCM				
2.21) Go to Step 9.				,
So to Step 9.		• is there continuity'?		
No				
INSPECT PCM CONNECTOR CONDITION Disconnect the PCM connector Disconnect the PCM connector No Step 9.			NI.	
Disconnect the PCM connector. Inspect for poor connection (such as damaged/pulled-out pins, corrosion). Is there any malfunction? INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH OTHER Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Is there continuity? INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side): — APP sensor terminal A—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AN		INCREAT BOW CONNECTOR CONDITION		
Inspect for poor connection (such as damaged/pulled-out pins, corrosion). Is there any malfunction? INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH OTHER Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Is there continuity? INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? INSPECT APP SENSOR NO.1 Reconnect all disconnected connectors. Inspect the APP sensor No.1 (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? Yes Go to the next step. No Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Replace the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION (SKYACTIV-D 2.2].) No Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes (See ACCELERATOR PEDAL REMOVAL/INSTALLATION (SKYACTIV-D 2.2].) No Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. No Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. No Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. No Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repeat the accelerator pedal, then go to the next step. See ACCELERATOR PEDAL REMOVAL/INSTALLATION (SKYACTIV-D 2.2].) No Go to the next step.	5		Yes	, , , , , , , , , , , , , , , , , , ,
pulled-out pins, corrosion). Is there any malfunction? Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Werify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Is there continuity? Per Goron CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? INSPECT APP SENSOR NO.1 Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Go to the next step. Yes Go to the next step. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Go to the next step. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Go to the next step. Yes Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Go to the next step. Yes Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Yes Go to the next step. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Repair or replace the wiring harness for			NI-	· · · · · · · · · · · · · · · · · · ·
Inspect APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH OTHER Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Inspect for continuity? INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? INSPECT APP SENSOR NO.1 Repair or replace the wiring harness for a possible short to each other, then go to Step 9. Yes Go to the next step. No Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Repair or replace the wiring harness for a possible open circuit. The possible open circuit for particular for particular for particular for			INO	Go to the next step.
INSPECT APP SENSOR NO.1 SIGNAL CIRCUIT AND GROUND CIRCUIT FOR SHORT TO EACH OTHER Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Is there continuity?				
AND GROUND CIRCUIT FOR SHORT TO EACH OTHER • Verify that the APP sensor and PCM connectors are disconnected. • Inspect for continuity? 7 INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT • Verify that the APP sensor and PCM connectors are disconnected. • Inspect for continuity between the following terminals (wiring harness-side): — APP sensor terminal A—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AN • Is there continuity? 8 INSPECT APP SENSOR NO.1 • Reconnect all disconnected connectors. • Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) • Go to the next step. 9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) • Go to the next step. • APP sensor terminal A—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AM — Sepair or replace the wiring harness for a possible open circuit, then go to Step 9. • Replace the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) • Oo to the next step.	6		Voc	Panair or rapiace the wiring harness for a nessible short to
OTHER • Verify that the APP sensor and PCM connectors are disconnected. • Inspect for continuity between APP sensor terminals B and C (wiring harness-side). • Is there continuity? 7 INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT • Verify that the APP sensor and PCM connectors are disconnected. • Inspect for continuity between the following terminals (wiring harness-side): — APP sensor terminal A—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AN • Is there continuity? 8 INSPECT APP SENSOR NO.1 • Reconnect all disconnected connectors. • Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) No Go to the next step. Yes Replace the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) We Repeat the inspection from Step 1. • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step.	0		165	
Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Is there continuity? INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM— APP sensor terminal B—PCM terminal 2AN— Is there continuity? INSPECT APP SENSOR NO.1 Reconnect all disconnected connectors. Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor of terminal part is the properties of the properti			No	
are disconnected. Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Is there continuity? INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? INSPECT APP SENSOR NO.1 Reconnect all disconnected connectors. Inspect the APP sensor No.1. See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor nor device the wiring harness for a possible open circuit, then go to Step 9. Yes Replace the accelerator pedal, then go to the next step. See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Is there any malfunction? Verify that the APP sensor and PCM connectors Completed APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM APP sensor terminal A—PCM termina			110	Out the next step.
Inspect for continuity between APP sensor terminals B and C (wiring harness-side). Is there continuity? INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT OPEN CIRCUIT Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AM Inspect APP SENSOR NO.1 Reconnect all disconnected connectors. Inspect the APP sensor No.1. See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. See AFTER REPAIR PROCEDURE SKYACTIV-D 2.2].) Go to the next step. Yes Go to the next step. No Repair or replace the wiring harness for a possible open circuit, then go to Step 9. Yes Replace the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) For the malfunction from Step 1. Fif the malfunction recurs, replace the PCM. See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step.				
terminals B and C (wiring harness-side). • Is there continuity? 7 INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT • Verify that the APP sensor and PCM connectors are disconnected. • Inspect for continuity between the following terminals (wiring harness-side): — APP sensor terminal A—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AN • Is there continuity? 8 INSPECT APP SENSOR NO.1 • Reconnect all disconnected connectors. • Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) [SKYACTIV-D 2.2].) We Go to the next step. Yes Replace the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. Yes Repeat the inspection from Step 1. • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step.				
 Is there continuity? INSPECT APP SENSOR NO.1 CIRCUIT FOR OPEN CIRCUIT Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side):				
OPEN CIRCUIT • Verify that the APP sensor and PCM connectors are disconnected. • Inspect for continuity between the following terminals (wiring harness-side): — APP sensor terminal A—PCM terminal 2AM — APP sensor terminal B—PCM terminal 2AN • Is there continuity? 8 INSPECT APP SENSOR NO.1 • Reconnect all disconnected connectors. • Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) No Go to the next step.				
Verify that the APP sensor and PCM connectors are disconnected. Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? Reconnect all disconnected connectors. Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) [SKYACTIV-D 2.2].) (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].)	7	INSPECT APP SENSOR NO.1 CIRCUIT FOR	Yes	Go to the next step.
are disconnected. Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? INSPECT APP SENSOR NO.1 Reconnect all disconnected connectors. Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? Verify DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) No Go to the next step. Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) In the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Replace the accelerator pedal, then go to the next step.			No	Repair or replace the wiring harness for a possible open
 Inspect for continuity between the following terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? 8 INSPECT APP SENSOR NO.1 Reconnect all disconnected connectors. Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Inspect the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Inspect the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Inspect the APP sensor terminal 2AM Inspect the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Inspect the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Inspect the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Inspect the accelerator pedal, then go to the next step. Inspect the accelerator pedal, then go to the next step. Inspect the accelerator pedal, then go to the next step. Inspect the accelerator pedal, then go to the next step. Inspect the accelerator pedal, then go t		Verify that the APP sensor and PCM connectors		circuit, then go to Step 9.
terminals (wiring harness-side): APP sensor terminal A—PCM terminal 2AM APP sensor terminal B—PCM terminal 2AN Is there continuity? 8 INSPECT APP SENSOR NO.1 Reconnect all disconnected connectors. Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) No Go to the next step. Yes Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step.				
- APP sensor terminal A—PCM terminal 2AM - APP sensor terminal B—PCM terminal 2AN - Is there continuity? 8 INSPECT APP SENSOR NO.1 - Reconnect all disconnected connectors Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) - Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED - Always reconnect all disconnected connectors Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) No Go to the next step. Yes Repeat the inspection from Step 1 If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) - Go to the next step. No Go to the next step.				
- APP sensor terminal B—PCM terminal 2AN Is there continuity? Reconnect all disconnected connectors.				
 Is there continuity? INSPECT APP SENSOR NO.1 Reconnect all disconnected connectors. Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Seo to the next step. Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. Go to the next step.				
8 INSPECT APP SENSOR NO.1 • Reconnect all disconnected connectors. • Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) No Replace the accelerator pedal, then go to the next step. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) No Replace the accelerator pedal, then go to the next step. See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) No Replace the accelerator pedal, then go to the next step. See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) No See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) No See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) For the malfunction recurs, replace the pext step. See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step. No Go to the next step.				
 Reconnect all disconnected connectors. Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See ACCELERATOR PEDAL REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) No Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step. 		-	V :	Danisa the application of the first of the second s
Inspect the APP sensor No.1. (See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) Is there any malfunction? VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) (See SYACTIV-D 2.2].) (SKYACTIV-D 2.2].) (See No the next step.) (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) (See to the next step.) (See To the next step.) (See To the next step.)	8		Yes	
(See ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Odo to the next step. For the procedure of the proc				'
SENSOR INSPECTION [SKYACTIV-D 2.2].) • Is there any malfunction? 9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) SENSOR INSPECTION [SKYACTIV-D 2.2].) Yes Repeat the inspection from Step 1. • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step.			Nia	
Is there any malfunction? VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Repeat the inspection from Step 1. If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step.			INO	GO to the next step.
9 VERIFY DTC TROUBLESHOOTING COMPLETED • Always reconnect all disconnected connectors. • Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Ves Repeat the inspection from Step 1. • If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step.				
COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].)	9		Yes	Repeat the inspection from Step 1
Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step.			103	
Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Contact the DTC from the PCM memory using the 2.2].) Go to the next step.				l · · · · ·
M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-D 2.2].) Go to the next step. No Go to the next step.				`-
(See AFTER REPAIR PROCEDURE SKYACTIV-D 2.2].) No Go to the next step.				
[SKYACTIV-D 2.2].)			Nο	
		· ·		
		Perform the KOEO or KOER self test.		
(See KOEO/KOER SELF TEST [SKYACTIV-D				
2.2].)		2.2].)		
• Is the same DTC present?				

STEP	INSPECTION		ACTION
10	VERIFY AFTER REPAIR PROCEDURE	Yes	Go to the applicable DTC inspection.
	Perform the "AFTER REPAIR PROCEDURE".		(See DTC TABLE [SKYACTIV-D 2.2].)
	(See AFTER REPAIR PROCEDURE	No	DTC troubleshooting completed.
	[SKYACTIV-D 2.2].)		
	Are any DTCs present?		