# Note

To determine the malfunctioning part, proceed with the diagnostics from "Function Inspection Using M-MDS".

# **Details On DTCs**

	P0301:00: Cylinder N	lo.1 misfire detected			
DECCRIPTION	P0303:00: Cylinder No.3 misfire detected				
DESCRIPTION					
	P0304:00: Cylinder N	lo.4 misfire detected			
		<ul> <li>Any one of the following conditions is met:</li> <li>The misfire rate of specific cylinders for every 200 rotations of the crankshaft</li> </ul>			
	Determination	exceeds the specified value (misfire which may damage catalytic converter).			
	conditions	The misfire rate of specific cylinders for <b>every 1,000 rotations</b> of the crankshaft			
		exceeds the specified value (misfire going against emission regulations).			
		* Battery voltage: 9—18 V *1			
		* Engine speed: <b>500—6,700 rpm</b> * <b>1</b>			
		*Engine coolant temperature: -10 °C {14 °F} or more *1			
	Preconditions	Not cranking			
DETECTION		Not stalling			
CONDITION		Fuel-cut control not implemented			
		Crankshaft installation tolerance learning completed			
		Engine condition is stabilized (not directly after gear change)			
		*1: Value can be verified by displaying PIDs using M-MDS			
	Malfunction	• 200 rotations of crankshaft (misfire which may damage catalytic converter)			
	determination period	1,000 rotations of crankshaft (misfire going against emission regulations)			
	Drive cycle	• 2			
	Self test type	CMDTC self test			
		CKP sensor			
	Sensor used	• MAF sensor			
		MAP sensor			
FAIL-SAFE	Limits intake air amo	· · · · ·			
FUNCTION	• Implement fuel-cut control (if the catalytic converter may be damaged, perform fuel-cut on cylinder misfiring				
	the most).				
VELLO	Misfiring which may damage catalytic converter (number of drive cycles: 1):				
VEHICLE	Check engine light flashes and pending code is recorded     Drive cycle directly after above drive cycle (number of drive cycles: 2):      Malfunction determined: check engine light is illuminated    Name   in determined   Panding code alegand				
STATUS					
WHEN DTCs ARE OUTPUT					
ARE OUTPUT					
	Rough idling, poor acceleration, stalling				

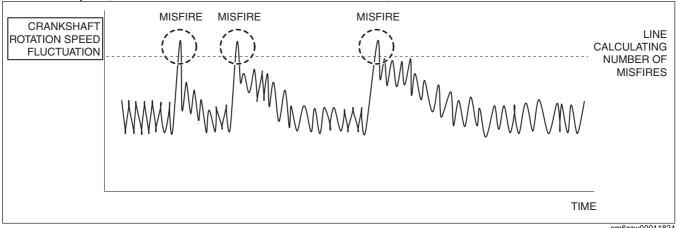
	P0301:00: Cylinder No.1 misfire detected				
DESCRIPTION	P0302:00: Cylinder No.2 misfire detected				
DEGOINII HON	P0303:00: Cylinder No.3 misfire detected				
	P0304:00: Cylinder No.4 misfire detected				
POSSIBLE CAUSE	Improper operation of ignition system  Spark plug malfunction  Ignition coil related wiring harness or connector malfunction  Ignition coil malfunction  Fuel injector malfunction  Improper operation of fuel injector  Fuel injector related wiring harness malfunction  Erratic signal to PCM  CKP sensor signal malfunction  ECT sensor No. 1 signal malfunction  MAF sensor signal malfunction  MAP sensor signal malfunction  IAT sensor No. 1 signal malfunction  APP sensor signal malfunction  IAT sensor No. 1 signal malfunction  RP sensor signal malfunction  TP sensor signal malfunction  Related connector or terminals malfunction  Related wiring harness malfunction  Poor drive belt assembly or adhesion of oil  Drive belt auto tensioner malfunction  Air leakage from intake air system (between intake manifold and cylinder head)  Engine malfunction  Insufficient engine compression  Engine coolant leakage to combustion chamber				

#### **System Wiring Diagram**

· Not applicable

### **Function Explanation (DTC Detection Outline)**

The PCM detects the crankshaft rotation speed based on the crankshaft position sensor signal. If there is a small amount of fluctuation in crankshaft rotation speed due to the effect of combustion of each cylinder while the engine is rotating and a misfire occurs in any of the pistons, the crankshaft rotation speed will change suddenly. The PCM adds the number of changes in sudden rotation speed (misfire rate) to each specified crankshaft rotation speed, and if the misfire rate exceeds a certain value, a DTC is recorded.



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#### Repeatability Verification Procedure

- 1. Drive the vehicle at a speed of 40 km/h {25 mph} or more.
- Shift to 3rd gear and rapidly accelerate the vehicle to 60 km/h {37 mph} (to execute misfire monitor).
- Release the accelerator pedal and decelerate the vehicle to 40 km/h {25 mph}.
- Repeat Step 1 to 3 operations above 5 times.

#### Note

- Match the engine coolant temperature in the recorded FREEZE FRAME DATA (Mode 2)/snapshot data, the vehicle speed, and engine speed values to the best extent possible while driving the vehicle.
- 5. Try to reproduce the malfunction by driving the vehicle for **5 min** based on the values in the FREEZE FRAME DATA (Mode 2)/snapshot data.

# PID Item/Simulation Item Used In Diagnosis PID/DATA monitor item table

—: Not applicable

		11. 247	—: Not applicable
Item	Definition	Unit/ Condition	Condition/Specification (Reference)
		%	Accelerator pedal released: Approx. 15%
APP1	APP sensor No.1	70	Accelerator pedal depressed: Approx. 82%
AFFI	All Selisor No.1	V	Accelerator pedal released: Approx. 0.75 V
		V	Accelerator pedal depressed: Approx. 4.1 V
		0/	Accelerator pedal released: Approx. 7.45%
A DDO	ADD seesan No. 0	%	Accelerator pedal depressed: Approx. 41%
APP2	APP sensor No.2		Accelerator pedal released: Approx. 0.38 V
		V	Accelerator pedal depressed: Approx. 2.05 V
		°C, °F	Displays ECT
			• ECT is 20 °C {68 °F}: Approx. 3.10 V
			• ECT is 40 °C {104 °F}: Approx. 2.16 V
ECT	Engine coolant temperature	V	• ECT is 60 °C {140 °F}: Approx. 1.40 V
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	• ECT is 80 °C {176 °F}: Approx. 0.87 V
			• ECT is 100 °C {212 °F}: Approx. 0.54 V
		°C, °F	
		С, г	• Displays IAT (No.1)
IAT	Intake air temperature No.1	\ ,,	• IAT is 20 °C {68 °F}: Approx. 2.70 V
	·	V	• IAT is 40 °C {104 °F}: Approx. 1.80 V
			• IAT is 60 °C {140 °F}: Approx. 1.20 V
		g/Sec	Displays MAF
			• Switch ignition ON (engine off) (MAF: 0.59 g/s {0.078
			lb/min}): Approx. 0.72 V
MAF	Mass airflow	V	• Idle (after warm up) (MAF: 2.17 g/s {0.287 lb/min}):
		V	Approx. 0.86 V
			• Racing (engine speed is 2,000 rpm) (MAF: 4.73 g/s
			{0.626 lb/min}): Approx. 1.07 V
		KPa (MPa),	
		mBar {Bar},	Displays MAP
		psi, in H20	
			Switch ignition ON (engine off) (MAP: 101 kPa {1.03})
MAP	Manifold absolute pressure		kgf/cm <sup>2</sup> , 14.6 psi}): Approx. 4.07 V
IVIAL	Marillold absolute pressure		
		V	• Idle (after warm up) (MAP: 33 kPa {0.34 kgf/cm <sup>2</sup> , 4.8
			psi}): Approx. 1.34 V
			• Racing (engine speed is 2,000 rpm) (MAP: 26 kPa
			{0.27 kgf/cm <sup>2</sup> , 3.8 psi}): Approx. 1.05 V
	Number of misfires corresponding to		Displays number of mistings company display
MF_CAT_2	possible catalytic converter damage (No.	_	Displays number of misfires corresponding to
	2 cylinder)		possible catalytic converter damage (No.2 cylinder)
	Number of misfires corresponding to		Disales a sumb as of minfu
MF_CAT_3	possible catalytic converter damage (No.	_	Displays number of misfires corresponding to
0, (1_0	3 cylinder)		possible catalytic converter damage (No.3 cylinder)
MF_CAT_4	Number of misfires corresponding to		
	possible catalytic converter damage (No.		Displays number of misfires corresponding to
	4 cylinder)		possible catalytic converter damage (No.4 cylinder)
	Number of misfires corresponding to		
MF_CAT1			Displays number of misfires corresponding to
	possible catalytic converter damage (No.	_	possible catalytic converter damage (No.1 cylinder)
	1 cylinder)		
MF_EMI_2	Number of misfires possibly affecting	_	Displays number of misfires possibly affecting     Amining (No. 2, pulinder)
	emission (No.2 cylinder)		emission (No.2 cylinder)

Item	Definition	Unit/ Condition	Condition/Specification (Reference)
MF_EMI_3	Number of misfires possibly affecting emission (No.3 cylinder)	_	Displays number of misfires possibly affecting emission (No.3 cylinder)
MF_EMI_4	Number of misfires possibly affecting emission (No.4 cylinder)	_	Displays number of misfires possibly affecting emission (No.4 cylinder)
MF_EMI1	Number of misfires possibly affecting emission (No.1 cylinder)	_	Displays number of misfires possibly affecting emission (No.1 cylinder)
RPM	Engine speed	RPM	Displays engine speed
TP_REL	Relative throttle position	%	Accelerator pedal released: Approx. 12%     Accelerator pedal depressed: Approx. 82%
VSS	Vehicle speed	KPH, MPH	Displays vehicle speed

# Function Inspection Using M-MDS

STEP	INSPECTION	RESULTS	ACTION
1	PURPOSE: VERIFY RELATED SERVICE	Yes	Perform repair or diagnosis according to the available
	INFORMATION AVAILABILITY		Service Information.
	Verify related Service Information availability.		If the vehicle is not repaired, go to the next step.
	Is any related Service Information available?	No	Go to the next step.
2	PURPOSE: IDENTIFY TRIGGER DTC FOR	Yes	Go to the next step.
	FREEZE FRAME DATA (MODE 2)	No	Go to the troubleshooting procedure for DTC on
	• Is the DTC P0301:00, P0302:00, P0303:00 or		FREEZE FRAME DATA (Mode 2).
	P0304:00 on FREEZE FRAME DATA (Mode		(See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G
	2)?		2.5].)
3	PURPOSE: RECORD VEHICLE STATUS AT	Yes	Go to the next step.
	TIME OF DTC DETECTION TO UTILIZE WITH	No	Record the FREEZE FRAME DATA (Mode 2)/snapshot
	REPEATABILITY VERIFICATION		data on the repair order, then go to the next step.
	Has the FREEZE FRAME DATA (Mode 2)/		-
	snapshot data been recorded?		Note
			<ul> <li>Recording can be facilitated using the screen</li> </ul>
			capture function of the PC.
4	PURPOSE: VERIFY RELATED PENDING	Yes	Go to the applicable PENDING CODE or DTC
	CODE AND/OR DTC		inspection.
	Switch the ignition off, then ON (engine off).		(See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G
	Perform the Pending Trouble Code Access		2.5].)
	Procedure and DTC Reading Procedure.	No	Go to the next step.
	(See ON-BOARD DIAGNOSTIC TEST		
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		
	Are any other PENDING CODEs and/or DTCs		
	present?		
5	PURPOSE: VERIFY IF THERE IS PID ITEM	Yes	Inspect the suspected sensor and related wiring
	CAUSING DRASTIC CHANGES OF		harness.
	ACCELERATION FLUCTUATION BY INPUT		If there is any malfunction:  Panair or replace the malfunctioning part
	SIGNAL TO PCM		Repair or replace the malfunctioning part.  Go to the troubleshooting procedure to perform
	Start the engine.     Access the following PIDs using the M-MDS:		the procedure from Step 10.
	(See ON-BOARD DIAGNOSTIC TEST		If there is no malfunction:
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		— Go to the next step.
	— APP1	No	Go to the next step.
	— APP2	INO	Go to the flext step.
	— ECT		
	— IAT		
	— MAF		
	— MAP		
	— RPM		
	— TP REL		
	- VSS		
	Is there a PID item affected by acceleration		
	fluctuation?		
	fluctuation?		

STEP	INSPECTION	RESULTS	ACTION
6	PURPOSE: RECORD NUMBER OF CURRENT	_	Go to the next step.
	MISFIRES FOR USE WITH MISFIRE		·
	INSPECTION		
	Display the misfire rate and record the number		
	of misfires.		
	<ul> <li>Access the following PIDs using the M-</li> </ul>		
	MDS		
	(See ON-BOARD DIAGNOSTIC TEST		
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See PCM INSPECTION [SKYACTIV-G		
	2.0, SKYACTIV-G 2.5].)		
	• MF CAT1		
	• MF_CAT_2		
	• MF CAT 3		
	• MF_CAT_4		
	• MF_EMI1		
	• MF_EMI_2		
	• MF_EMI_3		
	• MF_EMI_4		
7	PURPOSE: VERIFY IF MISFIRE CAUSE IS	Yes	Go to the troubleshooting procedure to perform the
	BAD SPARK PLUGS		procedure from Step 1.
	Switch the spark plugs on a cylinder that is     minimized and a cylinder that is not minimized.	No	Go to the next step.
	misfiring and a cylinder that is not misfiring. (See SPARK PLUG REMOVAL/		
	INSTALLATION [SKYACTIV-G 2.0,		
	SKYACTIV-G 2.5].)		
	• Start the engine.		
	Verify all accessory loads (A/C, headlights,		
	blower fan, rear window defroster) are off.		
	Under no-load conditions (P or N position		
	(ATX)/neutral (MTX), increase the engine		
	speed to 3,000 rpm.		
	Display the misfire rate and record the number		
	of misfires.		
	Access the following PIDs using the M-		
	MDS		
	(See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		
	(See PCM INSPECTION [SKYACTIV-G		
	2.0, SKYACTIV-G 2.5].)		
	• MF CAT1		
	• MF_CAT_2		
	• MF_CAT_3		
	• MF_CAT_4		
	• MF_EMI1		
	• MF_EMI_2		
	• MF_EMI_3		
	• MF_EMI_4		
	• Is there a change from the recorded number of		
	misfires?		

INSPECTION	RESULTS	ACTION
PURPOSE: VERIFY IF MISFIRE CAUSE IS	Yes	Go to the troubleshooting procedure to perform the
BAD IGNITION COIL		procedure from Step 2.
Switch the ignition coils on a cylinder that is	No	Go to the troubleshooting procedure to perform the
		procedure from Step 3.
•		
REMOVAL/INSTALLATION [SKYACTIV-G 2.0,		
- ·		
· ·		
_ · · · · · · · · · · · · · · · · · · ·		
1 1,		
_		
_		
misfires?		
	PURPOSE: VERIFY IF MISFIRE CAUSE IS BAD IGNITION COIL  • Switch the ignition coils on a cylinder that is misfiring and a cylinder that is not misfiring. (See IGNITION COIL/ION SENSOR REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)  • Start the engine.  • Verify all accessory loads (A/C, headlights, blower fan, rear window defroster) are off.  • Under no-load conditions (P or N position (ATX)/neutral (MTX), increase the engine speed to 3,000 rpm.  • Display the misfire rate and record the number of misfires.  — Access the following PIDs using the M-MDS  (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)  (See PCM INSPECTION [SKYACTIV-G 2.5].)  • MF_CAT1  • MF_CAT_2  • MF_CAT_3  • MF_CAT_4  • MF_EMI1  • MF_EMI_2  • MF_EMI_4  • Is there a change from the recorded number of	PURPOSE: VERIFY IF MISFIRE CAUSE IS BAD IGNITION COIL  • Switch the ignition coils on a cylinder that is misfiring and a cylinder that is not misfiring. (See IGNITION COIL/ION SENSOR REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)  • Start the engine.  • Verify all accessory loads (A/C, headlights, blower fan, rear window defroster) are off.  • Under no-load conditions (P or N position (ATX)/neutral (MTX), increase the engine speed to 3,000 rpm.  • Display the misfire rate and record the number of misfires.  — Access the following PIDs using the M-MDS (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See PCM INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)  • MF_CAT_1  • MF_CAT_2  • MF_CAT_3  • MF_CAT_4  • MF_EMI1  • MF_EMI_2  • MF_EMI_3  • MF_EMI_4  • Is there a change from the recorded number of

# **Troubleshooting Diagnostic Procedure** Intention of troubleshooting procedure

- Step 1—2
  - Perform an ignition system parts inspection.
- Step 3
  - Perform a fuel injector control system inspection.
- Step 4—9
   Perform an inspection of parts which may be affected by misfire except for ignition-related parts and fuel
- Step 10—11
   Verify that the primary malfunction is resolved and there are no other malfunctions.

STEP	INSPECTION	RESULTS	ACTION
1	PURPOSE: DETERMINE INTEGRITY OF SPARK PLUG  Inspect the spark plug.	Yes	Replace the spark plug, then go to Step 10. (See SPARK PLUG REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	(See SPARK PLUG INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) • Is there any malfunction?	No	Go to the next step.
2	PURPOSE: DETERMINE INTEGRITY OF IGNITION COIL  • Inspect the ignition coil.  (See IGNITION COIL INSPECTION	Yes	Replace the ignition coil/ion sensor, then go to Step 10. (See IGNITION COIL/ION SENSOR REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].) • Is there any malfunction?	No	Go to the next step.
3	PURPOSE: DETERMINE INTEGRITY OF FUEL INJECTOR • Inspect the fuel injector.	Yes	Replace the fuel injector, then go to Step 10. (See FUEL INJECTOR REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	(See FUEL INJECTOR INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) • Is there any malfunction?	No	Go to the next step.

STEP	INSPECTION	RESULTS	ACTION
4	PURPOSE: VERIFY IF MALFUNCTION	Yes	Repair or replace the malfunctioning part according to
	RELATED TO INTAKE-AIR SYSTEM IS CAUSE		the inspection results, then go to Step 10.
	OF MISFIRE	No	Go to the next step.
	Visually inspect for loose, cracked or damaged		
	hoses on intake air system.		
	Is there any malfunction?		
5	PURPOSE: VERIFY IF POOR DRIVE BELT	Yes	Assemble drive belt correctly, then go to Step 10.
	ASSEMBLY IS CAUSE OF MISFIRE		(See DRIVE BELT REMOVAL/INSTALLATION
	Verify the condition of the drive belt assembly.		[SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	(See DRIVE BELT INSPECTION [SKYACTIV-	No	Go to the next step.
	G 2.0, SKYACTIV-G 2.5].)		
	Is there any malfunction?		
6	PURPOSE: VERIFY IF FOREIGN MATTER ON	Yes	Remove the foreign matter on the drive belt, then go to
	DRIVE BELT IS CAUSE OF MISFIRE		Step 10.
	Verify if oil is on the drive belt.	No	Go to the next step.
	Is there foreign matter on the drive belt?		
7	PURPOSE: DETERMINE INTEGRITY OF	Yes	Replace the drive belt auto tensioner, then go to Step
	DRIVE BELT AUTO TENSIONER		10.
	Inspect the drive belt auto tensioner.		(See DRIVE BELT AUTO TENSIONER REMOVAL/
	(See DRIVE BELT AUTO TENSIONER		INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G
	INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G		2.5].)
	2.5].)	No	Go to the next step.
	Is there any malfunction?		

STEP	INSPECTION	RESULTS	ACTION
8	PURPOSE: VERIFY IF MALFUNCTION	Yes	Go to the next step.
	RELATED TO ENGINE COMPRESSION IS	No	Replace or overhaul the engine, then go to Step 10.
	CAUSE OF MISFIRE		
	Inspect the engine compression.		
	(See COMPRESSION INSPECTION		
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		
	Are compression pressures within		
	specification?		
	Specification:		
	Compression [SKYACTIV-G 2.0, European		
	(L.H.D. U.K.) specs.]		
	— Standard: 978 kPa {9.97 kgf/cm², 142 psi} (300 rpm)		
	— Minimum: 783 kPa {7.98 kgf/cm <sup>2</sup> , 114 psi}		
	(300 rpm)		
	<ul> <li>Maximum difference between cylinders:</li> </ul>		
	166 kPa {1.69 kgf/cm <sup>2</sup> , 24.1 psi} (300		
	rpm)		
	Compression [SKYACTIV-G 2.0, Except		
	European (L.H.D. U.K.) specs.]		
	— Standard: 885 kPa {9.02 kgf/cm², 128 psi} (300 rpm)		
	— Minimum: 708 kPa {7.22 kgf/cm <sup>2</sup> , 103 psi} (300 rpm)		
	Maximum difference between cylinders:		
	150 kPa {1.53 kgf/cm <sup>2</sup> , 21.8 psi} (300		
	rpm) • Compression [SKYACTIV-G 2.5]		
	— Standard: 954 kPa {9.73 kgf/cm², 138 psi} (300 rpm)		
	— Minimum: 763 kPa {7.78 kgf/cm <sup>2</sup> , 111 psi}		
	(300 rpm)  — Maximum difference between cylinders:		
	161 kPa {1.64 kgf/cm <sup>2</sup> , 23.4 psi} (300		
	rpm)		
	Note		
	Because the SKYACTIV-G 2.0 and		
	SKYACTIV-G 2.5 retards the intake valve		
	closing timing, compression pressure is low.		
9	PURPOSE: VERIFY IF MALFUNCTION	Yes	Engine coolant leakage from the engine (between the
	RELATED TO SEALING OF ENGINE UNIT		combustion chamber and the engine coolant passage)
	(COMBUSTION CHAMBER AND ENGINE		may have occurred.
	COOLANT PASSAGE) IS CAUSE OF MISFIRE		Verify the conditions of the gasket and the cylinder
	• Perform the "ENGINE COOLANT LEAKAGE		head.
	INSPECTION".		If there is any malfunction:      Panair or replace the malfunctioning part.
	(See ENGINE COOLANT LEAKAGE		<ul> <li>Repair or replace the malfunctioning part according to the inspection results, then go to the</li> </ul>
	INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		next step.
	Does the radiator cap tester needle drop even	No	Go to the next step.
	though there is no engine coolant leakage from	110	Oo to the flext step.
	the radiator or the hoses?		
	the radiator or the hoses?		

STEP	INSPECTION	RESULTS	ACTION
10	PURPOSE: VERIFICATION OF VEHICLE	Yes	Repeat the inspection from Step 1.
	REPAIR COMPLETION		If the malfunction recurs, replace the PCM.
	Always reconnect all disconnected connectors.		(See PCM REMOVAL/INSTALLATION [SKYACTIV-G
	Clear the DTC from the PCM memory using the		2.0, SKYACTIV-G 2.5].)
	M-MDS.		Go to the next step.
	(See AFTER REPAIR PROCEDURE	No	Go to the next step.
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		
	Implement the repeatability verification		
	procedure.		
	(See Repeatability Verification Procedure.)		
	Perform the Pending Trouble Code Access		
	Procedure.		
	(See ON-BOARD DIAGNOSTIC TEST		
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		
	• Is the PENDING CODE/DTC P0301:00,		
	P0302:00, P0303:00 or P0304:00 also present?		
11	PURPOSE: VERIFY IF THERE IS ANY OTHER	Yes	Go to the applicable DTC inspection.
	MALFUNCTION		(See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G
	Is any other DTC or pending code stored?		2.5].)
		No	DTC troubleshooting completed.