ENGINE (DIAGNOSTICS)

16.Diagnostics for Engine Starting Failure A: PROCEDURE

1. Check for fuel amount.
\downarrow
2. Inspection of starter motor circuit. < Ref. to EN(H4SO U5)(diag)-59, STARTER MOTOR CIRCUIT, Diagnostics for Engine Start-
ing Failure.>
\downarrow
3. Inspection of ECM power supply and ground line. <ref. (ecm),="" and="" check="" control="" diagnostics="" en(h4so="" engine="" failure.="" for="" ground="" line="" module="" of="" power="" starting="" supply="" to="" u5)(diag)-63,=""></ref.>
\downarrow
4. Inspection of ignition control system. <ref. control="" diagnostics="" en(h4so="" engine="" failure.="" for="" ignition="" starting="" system,="" to="" u5)(diag)-65,=""></ref.>
\downarrow
5. Inspection of fuel pump circuit. < Ref. to EN(H4SO U5)(diag)-68, FUEL PUMP CIRCUIT, Diagnostics for Engine Starting Fail-
ure.>
\downarrow
6. Inspection of fuel indicator circuit. <ref. circuit,="" diagnostics="" en(h4so="" engine="" failure.="" for="" fuel="" injector="" starting="" to="" u5)(diag)-71,=""></ref.>

B: STARTER MOTOR CIRCUIT

CAUTION:

After repair or replacement of faulty parts, perform Clear Memory Mode <Ref. to EN(H4SO U5)(diag)-46, OPERATION, Clear Memory Mode.> and Inspection Mode <Ref. to EN(H4SO U5)(diag)-36, PRO-CEDURE, Inspection Mode.>.



	Step	Check	Yes	No
1	CHECK BATTERY.	Is the voltage more than 12 V?	Go to step 2.	Charge or replace
	Check the battery voltage.			the battery.
2	CHECK OPERATION OF STARTER MOTOR.	Does the starter motor oper-	Go to step 3.	Go to step 4.
	NOTE:	ate?		
	Check the security alarm is not sounding.			
3	CHECK DTC.	Is DTC displayed? <ref. td="" to<=""><td>Check the appro-</td><td>Repair the poor</td></ref.>	Check the appro-	Repair the poor
		EN(H4SO U5)(diag)-35,	priate DTC using	contact of ECM
		OPERALION, Read Diagnos-	the List of Diag-	connector.
		tic Trouble Code (DTC).>		
			to EN(H4SO	
			U5)(diag)-73. List	
			of Diagnostic Trou-	
			ble Code (DTC).>	
4	CHECK INPUT SIGNAL FOR STARTER MO-	Is the voltage more than 10 V?	Check the starter	Go to step 5.
	TOR.		motor. <ref. td="" to<=""><td></td></ref.>	
	 Turn the ignition switch to OFF. 		SC(H4SO)-6,	
	2) Disconnect the connector from starter		Starter.>	
	motor.			
	 Measure the power supply voltage between 			
	starter motor connector terminal and engine			
	ground.			
	Connector & terminal			
	(B14) No. 1 (+) — Engine ground (–):			
	NOTE:			
	For AT model, place the select lever in P or N			
_	range. For MT model, depress the clutch pedal.			-
5		Is the voltage more than 10 V?	Go to step 6.	Repair the open
	1) Disconnect the connector from ignition			short of barness
	switch.			between ignition
	2) Measure the power supply voltage between			switch and bat-
	ignition switch connector and chassis ground.			tery, and check
	Connector & terminal			fuse SBF No. 6
	(B72) No. 3 (+) — Chassis ground (–):			and MAIN SBF.
6	CHECK IGNITION SWITCH.	Is the resistance less than 5	Go to step 7.	Replace the igni-
	1) Disconnect the connector from ignition	Ω ?		tion switch.
	Switch.			
	switch terminals after turning the ignition			
	switch to START position.			
	Terminals			
	No. 2 — No. 3:			
7	CHECK INPUT VOLTAGE OF STARTER RE-	Is the voltage more than 10 V?	Go to step 8.	Repair open or
	LAY.			ground short cir-
	 Ium the ignition switch to OFF. Disconnect the connector from starter relay. 			between starter
	 Connect the connector to ignition switch 			relay and ignition
	4) Measure the input voltage between starter			switch.
	relay connector and chassis ground after turn-			
	ing the ignition switch to START position.			
	Connector & terminal			
	(B225) No. 13 (+) — Chassis ground (–):			
	(B225) No. 15 (+) — Chassis ground (–):			

		•		
	Step	Check	Yes	No
8	CHECK STARTER RELAY.	Is the resistance less than 1	Go to step 9.	Replace the
	 Connect the battery to starter relay termi- 	Ω?		starter relay.
	nals No. 15 and No. 16.			
	Measure the resistance between starter			
	relay terminals.			
	Terminals			
	No. 13 — No. 14:			
9	CHECK HARNESS BETWEEN STARTER	Is the resistance less than 1	Go to step 10.	Repair open or
	RELAY AND STARTER MOTOR.	Ω?		ground short cir-
	1) Disconnect the connector from starter			cuit of harness
	motor.			between starter
	2) Measure the resistance of harness			relay and starter
	between starter relay and starter motor.			motor.
	Connector & terminal			
	(B225) NO. 14 — (B14) NO. 1:			
10	CHECK HARNESS BETWEEN STARTER	Is the resistance less than 1	Go to step 11.	Repair the open or
		Ω?		ground short cir-
	 Disconnect the connectors from ECIVI. Massure the resistance of homeses 			cult of narness
	2) Measure the resistance of harness			between starter
	Connector & terminal			relay and ECIVI.
	(B225) No. 16 — $(B126)$ No. 20:			
11		Is the transmission type AT2	Go to stop 12	Go to stop 16
10		Is the voltage more than 10 V2	Go to step 12.	Go to step 10.
12	1) Turn the ignition switch to START	is the voltage more than 10 v?		around chort oir
	2) Measure the input voltage between ECM			cuit of barness
	connector and chassis ground			between FCM and
	Connector & terminal			ignition switch
	(B136) No. 32 (+) — Chassis ground (–):			ightion ownon.
13	CHECK HARNESS BETWEEN ECM AND IN-	Is the resistance less than 1	Go to step 14.	Repair the open or
	HIBITOR SWITCH.	Ω ?		ground short cir-
	1) Turn the inhibitor switch to OFF.			cuit of harness
	2) Disconnect the connector from inhibitor			between ECM and
	switch.			inhibitor switch.
	3) Measure the resistance of harness connec-			
	tor between ECM and inhibitor switch.			
	Connector & terminal			
	(B136) No. 31 — (B12) No. 11:			
14	CHECK INHIBITOR SWITCH AND ECM.	Is the resistance less than 5	Go to step 15.	Repair the open or
	Measure the resistance of harness between	Ω?		ground short cir-
	inhibitor switch and ECM			cuit of harness
	Connector & terminal			between inhibitor
	(B12) No. 12 — (B136) No. 6:			switch and ECM.
15	CHECK INHIBITOR SWITCH.	Is the resistance more than 1	Contact the SOA	Replace the inhibi-
	1) Place the select lever other than "N" and	ΜΩ?	service center.	tor switch.
	"P" range.			
	2) Measure the resistance between inhibitor			
	Switch connector terminals.			
16		Is the voltage more then 10.1/2	Go to stop 17	Ronair the open of
10	1) Turn the ignition quitch to START	is the voltage more than 10 v?		Repair the open of
	 Massure the input voltage between ECM 			ground short cir-
	connector and chassis ground			between ECM and
	Connector & terminal			ignition switch
	(B136) No 32 — Chassis around (-)			iginitori switch.
	Depress the clutch pedal			
1	Doproso the oldion pedal.		1	1

	Step	Check	Yes	No
17	 CHECK CLUTCH SWITCH. 1) Turn the ignition switch to OFF. 2) Disconnect the connector from clutch switch. 3) Measure the resistance between clutch switch terminals while depressing the clutch. <i>Terminals</i> No. 1 — No. 2: 	Is the resistance less than 1 Ω?	Go to step 18.	Replace the clutch switch.
18	 CHECK HARNESS BETWEEN ECM AND NEUTRAL SWITCH. 1) Disconnect the connector from the neutral switch. 2) Measure the resistance of harness connec- tor between ECM and neutral switch. Connector & terminal (B136) No. 31 — (B25) No. 1: 	Is the resistance less than 1 Ω ?	Go to step 19 .	Repair the open or ground short cir- cuit of harness between ECM and neutral switch.
19	CHECK NEUTRAL SWITCH GROUND CIR- CUIT. Measure the resistance of harness between neutral switch and ECM. Connector & terminal (B25) No. 2 — (B136) No. 6:	Is the resistance less than 5 Ω ?	Go to step 20 .	Repair the open or ground short cir- cuit of harness between neutral switch and ECM.
20	 CHECK NEUTRAL SWITCH. 1) Set the shift lever to "N" range. 2) Measure the resistance between neutral switch connector terminals. Terminals No. 1 — No. 2: 	Is the resistance more than 1 M Ω ?	Contact the SOA service center.	Replace the neu- tral switch.

C: CHECK POWER SUPPLY AND GROUND LINE OF ENGINE CONTROL MOD-ULE (ECM)

CAUTION:

After repairing or replacing the defective part, perform the Clear Memory Mode <Ref. to EN(H4SO U5)(diag)-46, OPERATION, Clear Memory Mode.> and Inspection Mode <Ref. to EN(H4SO U5)(diag)-36, PROCEDURE, Inspection Mode.>. WIRING DIAGRAM:



	Step	Check	Yes	No
1	 CHECK MAIN RELAY. 1) Turn the ignition switch to OFF. 2) Remove the main relay. 3) Connect the battery to main relay terminals No. 1 and No. 2. 4) Measure the resistance between main relay terminals. Terminals No. 3 — No. 5: No. 4 — No. 6: 	Is the resistance less than 10 Ω?	Go to step 2.	Replace the main relay.
2	 CHECK GROUND CIRCUIT FOR ECM. 1) Disconnect the connectors from ECM. 2) Measure the resistance of harness between ECM and chassis ground. Connector & terminal (B134) No. 5 — Chassis ground: (B137) No. 1 — Chassis ground: (B137) No. 2 — Chassis ground: (B137) No. 3 — Chassis ground: (B137) No. 7 — Chassis ground: 	Is the resistance less than 5 Ω ?	Go to step 3.	Repair the open circuit of harness between ECM connector and engine grounding terminal.
3	CHECK INPUT VOLTAGE OF ECM. Measure the voltage between ECM connector and chassis ground. <i>Connector & terminal</i> (B135) No. 5 (+) — Chassis ground (–): (B135) No. 19 (+) — Chassis ground (–):	Is the voltage more than 10 V?	Go to step 4.	Repair the open or ground short cir- cuit of power sup- ply circuit.
4	CHECK INPUT VOLTAGE OF MAIN RELAY. Measure the voltage between main relay con- nector and chassis ground. <i>Connector & terminal</i> (B47) No. 1 (+) — Chassis ground (–): (B47) No. 5 (+) — Chassis ground (–): (B47) No. 6 (+) — Chassis ground (–):	Is the voltage more than 10 V?	Go to step 5 .	Repair the open or ground short cir- cuit of harness of power supply cir- cuit.
5	 CHECK INPUT VOLTAGE OF ECM. 1) Turn the ignition switch to ON. 2) Measure the voltage between ECM connector and chassis ground. Connector & terminal (B134) No. 7 (+) — Chassis ground (-): (B135) No. 2 (+) — Chassis ground (-): (B136) No. 23 (+) — Chassis ground (-): 	Is the voltage more than 10 V?	Check ignition control system. <ref. en(h4so<br="" to="">U5)(diag)-65, IGNITION CON- TROL SYSTEM, Diagnostics for Engine Starting Failure.></ref.>	Repair the open or ground short cir- cuit of harness between ECM connector and main relay connec- tor.

D: IGNITION CONTROL SYSTEM

CAUTION:

After repair or replacement of faulty parts, perform Clear Memory Mode <Ref. to EN(H4SO U5)(diag)-46, OPERATION, Clear Memory Mode.> and Inspection Mode <Ref. to EN(H4SO U5)(diag)-36, PRO-CEDURE, Inspection Mode.>.



	Sten	Check	Vec	No
1			Check fuel nump	Go to step 2
	1) Bemove the plug cord cap from each spark	inder?	system <ref td="" to<=""><td></td></ref>	
	plug.		EN(H4SO	
	2) Install a new spark plug on plug cord cap.		U5)(diag)-68,	
	CAUTION:		FUEL PUMP CIR-	
	Do not remove the spark plug from engine.		CUIT, Diagnostics	
	3) Contact the spark plug thread portion on		for Engine Start-	
	engine.		ing Failure.>	
	4) While opening the throttle valve fully, crank			
	the engine to check that spark occurs at each			
	cylinder.			
2	CHECK POWER SUPPLY CIRCUIT FOR IG-	Is the voltage more than 10 V?	Go to step 3.	Repair the har-
	NITION COIL AND IGNITOR ASSEMBLY.			ness and connec-
	1) Turn the ignition switch to OFF.			tor.
	2) Disconnect the connector from ignition coll			NOTE:
	and ignitor assembly.			In this case, repair
	 Mossure the power supply veltage between 			the following item:
	ignition coil and ignitor assembly connector			Open circuit of bornoon
	and engine ground			the ignition coil and
	Connector & terminal			ignitor assembly
	(E12) No. 2 (+) — Engine ground (–):			and main relay
				connector
				 Poor contact of
				coupling connector
				 Blown out of
				fuse
3	CHECK HARNESS BETWEEN IGNITION	Is the resistance less than 5	Go to step 4.	Repair the har-
	COIL AND IGNITOR ASSEMBLY, AND ECM.	Ω?		ness and connec-
	 Turn the ignition switch to OFF. 			tor.
	2) Measure the resistance between the igni-			NOTE:
	tion coil and ignitor assembly connector, and			In this case, repair
	ECIVI.			the following item:
	(E12) No 2 (B127) No 6;			Open circuit in nar-
	(E12) No. 3 — $(B137)$ No. 6. (E12) No. 3 — $(B137)$ No. 26:			tion coil and ignitor
				assembly connec-
				tor and FCM
4	CHECK IGNITION COIL AND IGNITOR AS-	Is the resistance between 10	Go to sten 5	Benlace the igni-
-	SEMBLY.	and 15 kO?	do to step J .	tion coil and ignitor
	 Remove the spark plug cords. 			assembly. <ref. td="" to<=""></ref.>
	2) Measure the resistance between spark			IG(H4SO)-7. Igni-
	plug cord contact portions to check secondary			tion Coil and Igni-
	coil.			tor Assembly.>
	Terminals			-
	No. 1 — No. 2:			
	No. 3 — No. 4:			
5	CHECK INPUT SIGNAL FOR IGNITION COIL	Does the voltage vary more	Go to step 6.	Replace the igni-
	AND IGNITOR ASSEMBLY.	than 10 V?		tion coil and ignitor
	1) Connect the connector to the Ignition coil			assembly. <ref. td="" to<=""></ref.>
	and ignitor assembly.			IG(H4SO)-7, Igni-
	Crieck is voltage varies synchronously with opging spood when even king while manifesting			tor Accomply:
	voltage between ignition coil and ignitor			IOI ASSEIIIDIY.>
	assembly connector and engine ground			
	Connector & terminal			
	(E12) No. 1 (+) — Engine ground (-):			
	(E12) No. 4 (+) — Engine ground (–):			

	Step	Check	Yes	No
6	 CHECK HARNESS BETWEEN ECM AND IGNITION COIL AND IGNITOR ASSEMBLY CONNECTOR. 1) Turn the ignition switch to OFF. 2) Disconnect the connectors from ECM. 3) Disconnect the connector from ignition coil and ignitor assembly. 4) Measure the resistance of harness between ECM and ignition coil and ignitor assembly. 4) Measure the resistance of harness between ECM and ignition coil and ignitor assembly. 6) Measure the resistance of harness between ECM and ignition coil and ignitor assembly connector. Connector & terminal (B137) No. 18 — (E12) No. 1: (B137) No. 19 — (E12) No. 4: 	Is the resistance less than 1 Ω ?	Go to step 7.	Repair the har- ness and connec- tor. NOTE: In this case, repair the following item: • Open circuit of harness between ECM and ignition coil and ignitor as- sembly connector • Poor contact of
7	CHECK HARNESS BETWEEN ECM AND IG- NITION COIL AND IGNITOR ASSEMBLY CONNECTOR. Measure the resistance of harness between ECM and engine ground. Connector & terminal: (B137) No. 18 — Engine ground: (B137) No. 19 — Engine ground:	Is the resistance more than 1 MΩ?	Go to step 8.	Repair the ground short circuit of har- ness between ECM and ignition coil and ignitor assembly connec- tor.
8	CHECK POOR CONTACT. Check poor contact of ECM connector.	Is there poor contact in ECM connector?	Repair the poor contact of ECM connector.	Check fuel pump circuit. <ref. to<br="">EN(H4SO U5)(diag)-68, FUEL PUMP CIR- CUIT, Diagnostics for Engine Start- ing Failure.></ref.>

ENGINE (DIAGNOSTICS)

E: FUEL PUMP CIRCUIT

CAUTION:

After repairing or replacing the defective part, perform the Clear Memory Mode <Ref. to EN(H4SO U5)(diag)-46, OPERATION, Clear Memory Mode.> and Inspection Mode <Ref. to EN(H4SO U5)(diag)-36, PROCEDURE, Inspection Mode.>.



r		i		
	Step	Check	Yes	No
1	CHECK OPERATING SOUND OF FUEL	Does the fuel pump emit oper-	Check the fuel	Go to step 2.
	PUMP.	ating sound?	injector circuit.	
	Check if the fuel pump operates for two sec-		<ref. en(h4so<="" th="" to=""><th></th></ref.>	
	onds when turning the ignition switch to ON.		U5)(diag)-71,	
	NOTE:		FUEL INJECTOR	
	Fuel pump operation can also be executed us-		CIRCUIT, Diag-	
	ing Subaru Select Monitor.		nostics for Engine	
	Refer to "Compulsory Valve Operation Check		Starting Failure.>	
	Mode" for procedures. <ref. en(h4so<="" th="" to=""><th></th><th></th><th></th></ref.>			
	U5)(diag)-47, Compulsory Valve Operation			
	Check Mode.>		-	
2	CHECK GROUND CIRCUIT OF FUEL PUMP.	Is the resistance less than 5	Go to step 3.	Repair the har-
	1) Turn the ignition switch to OFF.	()?		ness and connec-
	2) Remove the fuel pump access hole lid.			tor.
	3) Disconnect the connector from fuel pump.			NOTE:
	4) Measure the resistance of namess connec-			In this case, repair
	tor between fuel pump and chassis ground.			the following item:
	Connector & terminal			Open circuit in har-
	(R58) NO. 6 — Chassis ground:			ness between fuel
				pump connector
				and chassis
_				grounding terminal
3	CHECK POWER SUPPLY TO FUEL PUMP.	Is the voltage more than 10 V?	Replace the fuel	Go to step 4.
	 Iurn the ignition switch to ON. Management the construction of a summer to simulate the construction of a summer to simulate the summer to sindent to sindent to simulate the summer to sindent to simulate		pump. <ref. th="" to<=""><th></th></ref.>	
	2) Measure the voltage of power supply circuit		FU(H4SO)-50,	
	between fuel pump connector and chassis		Fuel Pump.>	
	Gennester & terminal			
	$(B58)$ No $5(\pm)$ — Chassis around (-):			
4		ls the resistance less than 1	Go to step 5	Bonair the har-
7	AND FUEL PUMP RELAY CONNECTOR	0?		ness and connec-
	1) Turn the ignition switch to OFF			tor
	2) Measure the resistance of harness connec-			
	tor between fuel pump and fuel pump relay.			In this case repair
	Connector & terminal			the following item:
	(R58) No. 5 — (B362) No. 2:			Open circuit in
				harness between
				fuel pump connec-
				tor and chassis
				grounding terminal
				 Poor contact of
				coupling connector
5	CHECK HARNESS BETWEEN FUEL PUMP	Is the resistance more than 1	Go to step 6.	Repair the short
	AND FUEL PUMP RELAY CONNECTOR.	ΜΩ?		circuit of harness
	Measure the resistance of harness between			between fuel pump
	fuel pump and fuel pump relay connector.			and fuel pump
	Connector & terminal			relay connector.
	(R58) No. 5 — Chassis ground:			
6	CHECK FUEL PUMP RELAY.	Is the resistance less than 10	Go to step 7.	Replace the fuel
	1) Disconnect the connectors from fuel pump	Ω?		pump relay. <ref.< th=""></ref.<>
	relay and main relay.			to FU(H4SO)-50,
	2) Remove the fuel pump relay and main relay			Fuel Pump.>
	with bracket.			
	3) Connect the battery to fuel pump relay con-			
	nector terminals No. 3 and No. 4.			
	4) Measure the resistance between connector			
	terminals of fuel pump relay.			
	ierminais			
	NO. $1 - NO. 2$:			

	Step	Check	Yes	No
7	 CHECK HARNESS BETWEEN ECM AND FUEL PUMP RELAY CONNECTOR. 1) Disconnect the connectors from ECM. 2) Measure the resistance of harness between ECM and fuel pump relay connector. Connector & terminal (B136) No. 12 — (B362) No. 3: 	Is the resistance less than 1 Ω?	Go to step 8.	Repair the open circuit of harness between ECM and fuel pump relay connector.
8	CHECK POOR CONTACT. Check poor contact of ECM connector.	Is there poor contact in ECM connector?	Repair the poor contact of ECM connector.	Check the fuel injector circuit. <ref. en(h4so<br="" to="">U5)(diag)-71, FUEL INJECTOR CIRCUIT, Diag- nostics for Engine Starting Failure.></ref.>

F: FUEL INJECTOR CIRCUIT

CAUTION:

Check or repair only faulty parts.

• After repairing or replacing the defective part, perform the Clear Memory Mode <Ref. to EN(H4SO U5)(diag)-46, OPERATION, Clear Memory Mode.> and Inspection Mode <Ref. to EN(H4SO U5)(diag)-36, PROCEDURE, Inspection Mode.>.



Step	Check	Yes	No
1 CHECK OPERATION OF EACH FUEL INJECTOR. While cranking the engine, check each fuel	Does the fuel pump emit oper- ating sound?	Check the fuel pressure. <ref. to<br="">ME(H4SO)-25,</ref.>	Go to step 2.
scope or attach a screwdriver to the injector for this check.		Fuel Pressure.>	
 CHECK POWER SUPPLY TO EACH FUEL INJECTOR. 1) Turn the ignition switch to OFF. 2) Disconnect the connector from fuel injector. 3) Turn the ignition switch to ON. 4) Measure the power supply voltage between fuel injector terminal and engine ground. <i>Connector & terminal</i> #1 (E5) No. 2 (+) — Engine ground (-): #2 (E16) No. 2 (+) — Engine ground (-): #3 (E6) No. 2 (+) — Engine ground (-): #4 (E17) No. 2 (+) — Engine ground (-): 	Is the voltage more than 10 V?	Go to step 3.	Repair the har- ness and connec- tor. NOTE: In this case, repair the following item: • Open circuit of harness between main relay and fuel injector connector • Poor contact of main relay connec- tor • Poor contact of coupling connector • Poor contact of fuel injector con- nector
 3 CHECK HARNESS BETWEEN ECM AND FUEL INJECTOR CONNECTOR. 1) Disconnect the connectors from ECM. 2) Measure the resistance of harness between ECM and fuel injector connector. Connector & terminal #1 (B137) No. 8 — (E5) No. 1: #2 (B137) No. 9 — (E16) No. 1: #3 (B137) No. 10 — (E6) No. 1: #4 (B137) No. 11 — (E17) No. 1: 	Is the resistance less than 1 Ω ?	Go to step 4.	Repair the har- ness and connec- tor. NOTE: In this case, repair the following item: • Open circuit of harness between ECM and fuel in- jector connector • Poor contact of coupling connector
4 CHECK HARNESS BETWEEN ECM AND FUEL INJECTOR CONNECTOR. Measure the resistance of harness between ECM and fuel injector connector. Connector & terminal #1 (B137) No. 8 — Chassis ground: #2 (B137) No. 9 — Chassis ground: #3 (B137) No. 10 — Chassis ground: #4 (B137) No. 11 — Chassis ground:	Is the resistance more than 1 $M\Omega$?	Go to step 5 .	Repair the ground short circuit of har- ness between ECM and fuel injector connector.
 5 CHECK EACH FUEL INJECTOR. 1) Turn the ignition switch to OFF. 2) Measure the resistance between each fuel injector terminals. Terminals No. 1 — No. 2: 	Is the resistance between 5 and 20 Ω ?	Go to step 6 .	Replace the faulty fuel injector.
6 CHECK POOR CONTACT. Check poor contact of ECM connector.	Is there poor contact in ECM connector?	Repair the poor contact of ECM connector.	Inspection using "General Diagnos- tic Table" <ref. to<br="">EN(H4SO U5)(diag)-326, INSPECTION, General Diagnos- tic Table.></ref.>