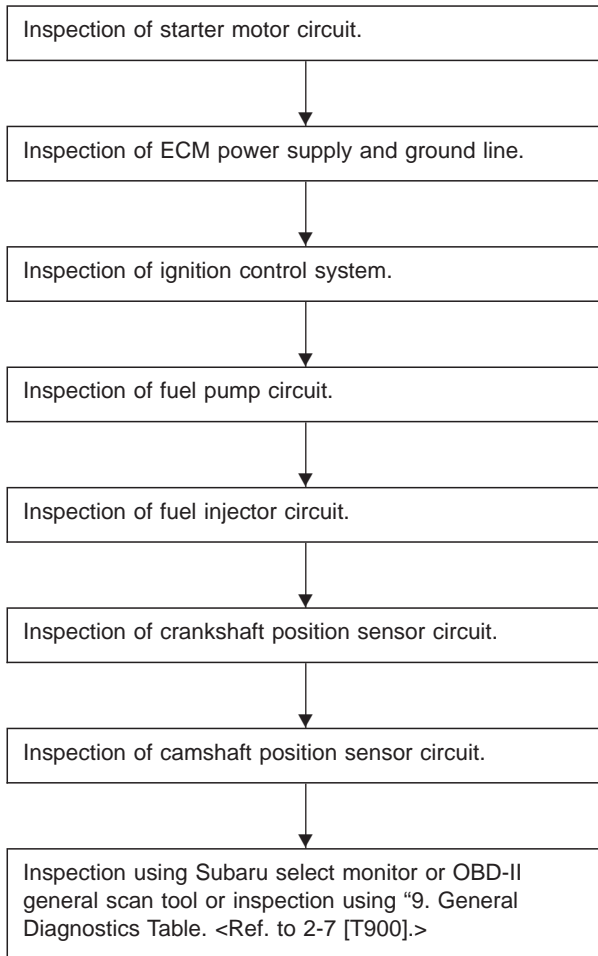
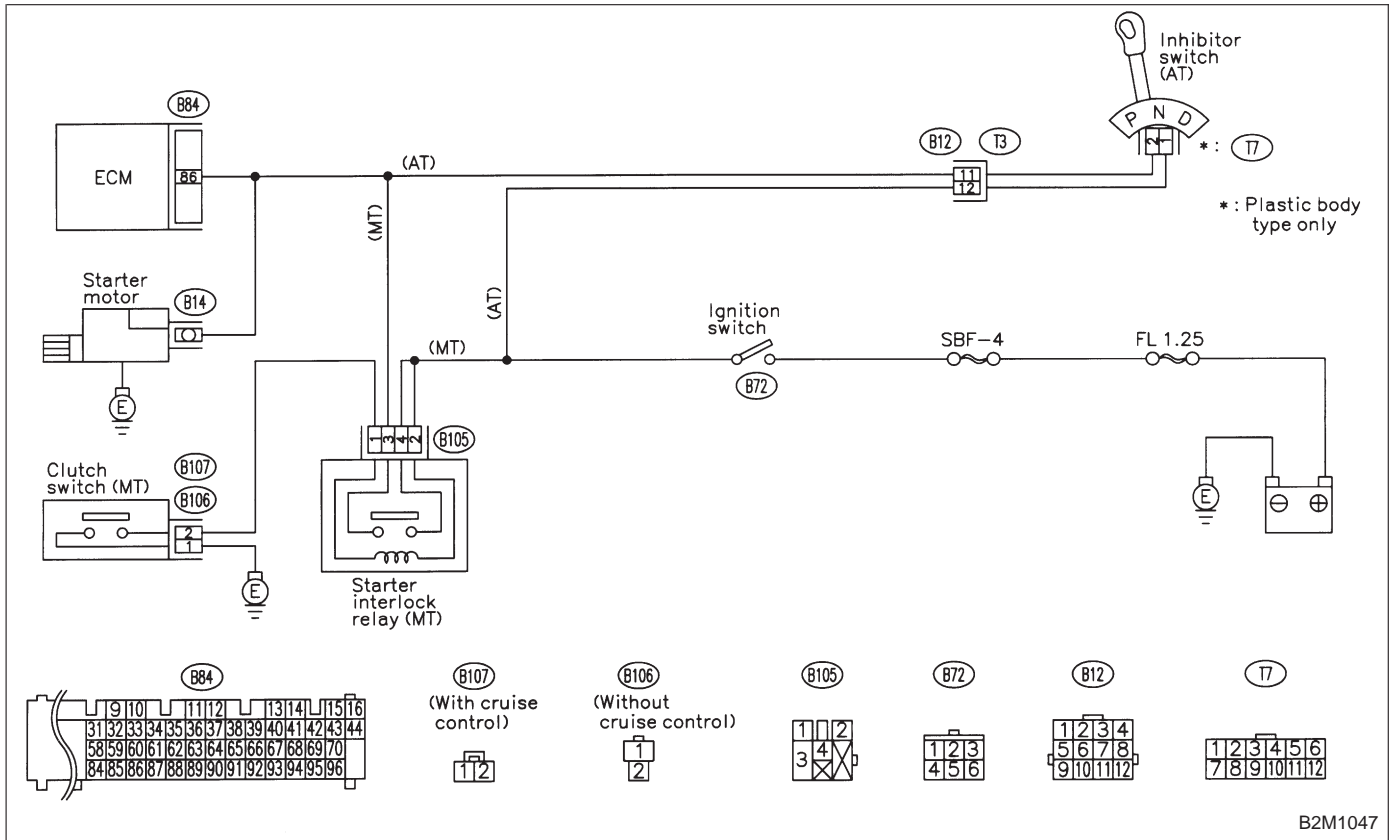


8. Diagnostics for Engine Starting Failure

A: BASIC DIAGNOSTICS CHART



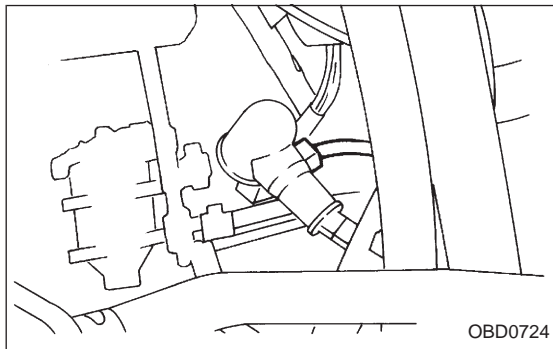
**B: STARTER MOTOR CIRCUIT
WIRING DIAGRAM:**



CAUTION:

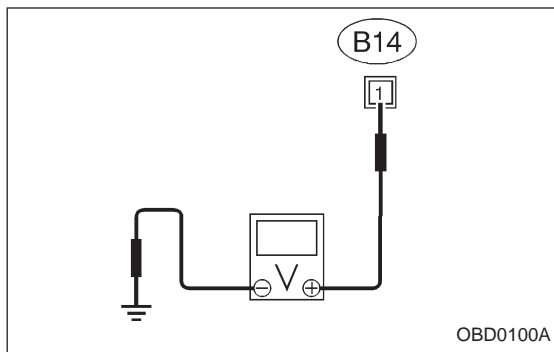
After repair or replacement of faulty parts, conduct CLEAR MEMORY and INSPECTION MODES.

<Ref. to 2-7 [T3D0] and [T3E0].>



8B1	CHECK INPUT SIGNAL FOR STARTER MOTOR.
------------	--

- 1) Turn ignition switch to OFF.
- 2) Disconnect connector from starter motor.
- 3) Turn ignition switch to ST.



4) Measure power supply voltage between starter motor connector terminal and engine ground.

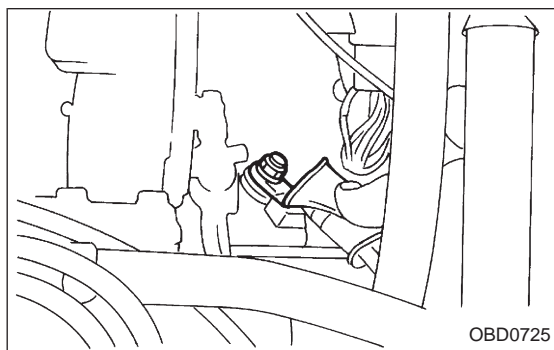
CHECK : **Connector & terminal (B14) No. 1 (+) — Engine ground (-): Is the voltage more than 10 V?**

NOTE:

- On AT vehicles, place the selector lever in the “P” or “N” position.
- On MT vehicles, depress the clutch pedal.

YES : Go to step **8B2**.

NO : Go to step **8B3**.



8B2

CHECK GROUND CIRCUIT OF STARTER MOTOR.

- 1) Turn ignition switch to OFF.
- 2) Disconnect terminal from starter motor.
- 3) Measure resistance of ground cable between ground cable terminal and engine ground.

CHECK : **Is resistance less than 5 Ω?**

YES : Check starter motor. <Ref. to 6-1 [K100].>

NO : Repair open circuit of ground cable.

8B3

CHECK HARNESS BETWEEN BATTERY AND IGNITION SWITCH CONNECTOR.

- 1) Turn ignition switch to OFF.
- 2) Remove SBF No. 4 from main fuse box.
- 3) Measure resistance of fuse.

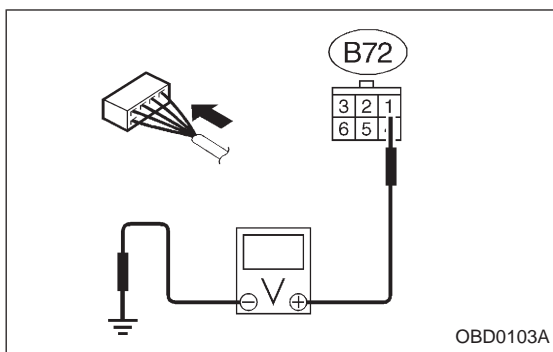
CHECK : **Is resistance less than 1 Ω?**

NO : Replace SBF No. 4.

YES : Go to next step 4).

4) Install SBF No. 4 to main fuse box.

5) Turn ignition switch to ON.



6) Measure power supply voltage between ignition switch connector and chassis ground.

CHECK : **Connector & terminal (B72) No. 1 (+) — Chassis ground (-): Is the voltage more than 10 V?**

YES : Go to step 8B4.

NO : Repair open circuit in harness between ignition switch and SBF No. 4 connector.

8B4	CHECK TRANSMISSION TYPE.
------------	---------------------------------

CHECK : **Is transmission type AT?**

YES : Go to step 8B5.

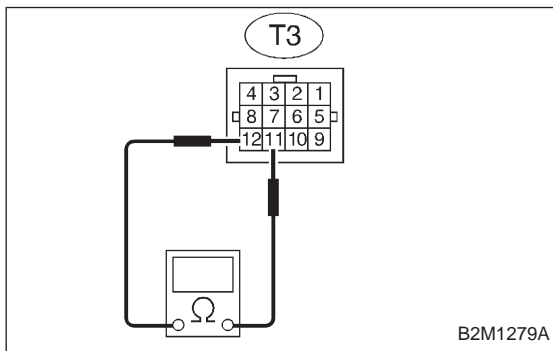
NO : Go to step 8B9.

8B5	CHECK INHIBITOR SWITCH TYPE.
------------	-------------------------------------

CHECK : **Is inhibitor switch type plastic body?**

YES : Go to step 8B6.

NO : Go to step 8B8.



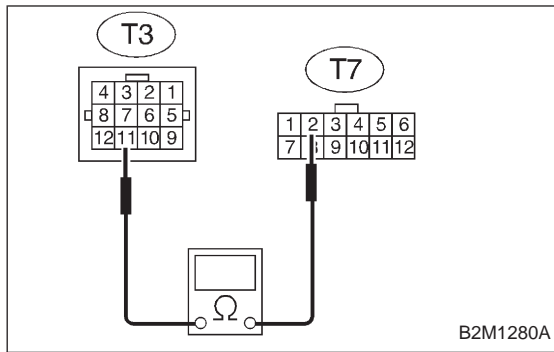
8B6	CHECK INHIBITOR SWITCH.
------------	--------------------------------

- 1) Turn ignition switch to OFF.
- 2) Place the selector lever in the “P” or “N” position.
- 3) Measure resistance between transmission harness connector receptacle’s terminals.

CHECK : **Connector & terminal (T3) No. 11 — No. 12: Is the resistance less than 1 Ω?**

YES : Repair open circuit in harness between starter motor and ignition switch connector.

NO : Go to step 8B7.

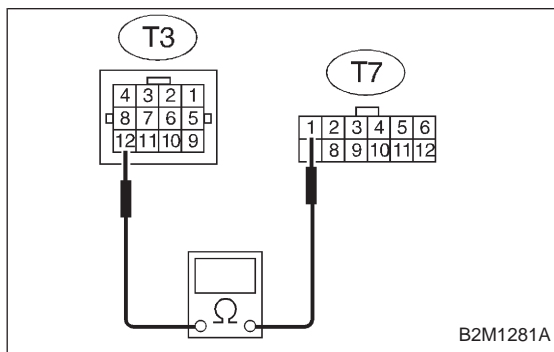
**8B7 CHECK TRANSMISSION HARNESS.**

- 1) Disconnect connector from inhibitor switch.
- 2) Measure resistance of harness between transmission harness and inhibitor switch connector.

CHECK : **Connector & terminal (T3) No. 11 — (T7) No. 2:**
Is the resistance less than 1 Ω?

YES : Go to next **CHECK** .

NO : Repair open circuit in harness between transmission harness and inhibitor switch connector.



CHECK : **Connector & terminal (T3) No. 12 — (T7) No. 1:**
Is the resistance less than 1 Ω?

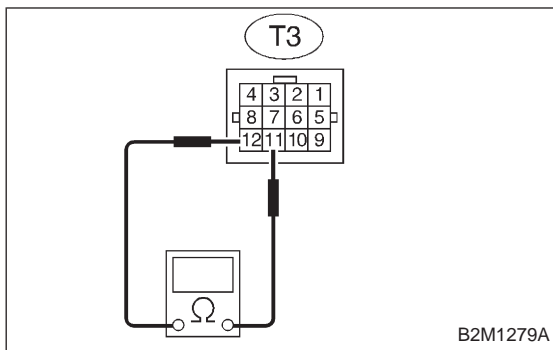
YES : Go to next **CHECK** .

NO : Repair open circuit in harness between transmission harness and inhibitor switch connector.

CHECK : **Is there poor contact in inhibitor switch connector?**

YES : Repair poor contact in inhibitor switch connector.

NO : Replace inhibitor switch.



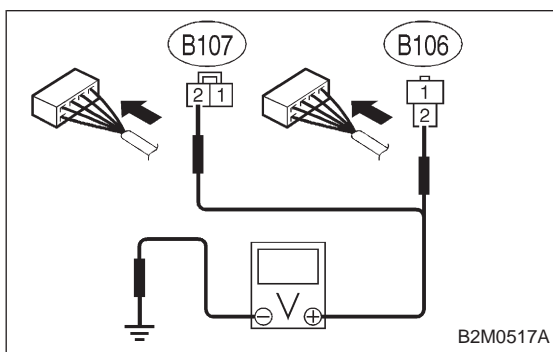
8B8 CHECK INHIBITOR SWITCH.

- 1) Turn ignition switch to OFF.
- 2) Place the selector lever in the "P" or "N" position.
- 3) Disconnect connector from transmission harness connector.
- 4) Measure resistance between transmission harness connector receptacle's terminals.

CHECK : **Connector & terminal (T3) No. 11 — No. 12:**

Is the resistance less than 1 Ω?

- YES** : Repair open circuit in harness between starter motor and ignition switch connector.
- NO** : Replace inhibitor switch.



8B9 CHECK STARTER INTERLOCK CIRCUIT.

- 1) Turn ignition switch to "ST".
- 2) Measure voltage between clutch switch connector and chassis ground.

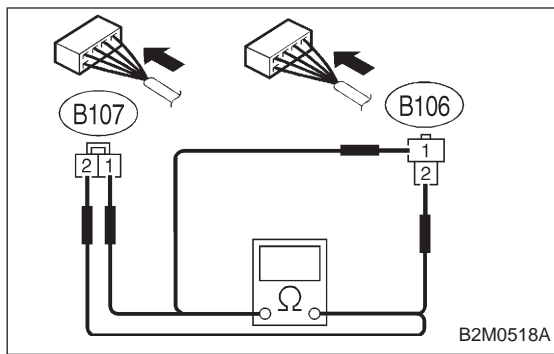
CHECK : **Connector & terminal**

- **With cruise control (B107) No. 2 (+) — Chassis ground (-):**

- **Without cruise control (B106) No. 2 (+) — Chassis ground (-):**

Is the voltage more than 10 V?

- NO** : Replace starter interlock relay.
- YES** : Go to next step 3).



- 3) Turn ignition switch to OFF.
- 4) Measure resistance between clutch switch connector terminals while depressing the clutch pedal.

CHECK : **Connector & terminal**

● **With cruise control**

(B107) No. 1 — No. 2:

● **Without cruise control**

(B106) No. 1 — No. 2:

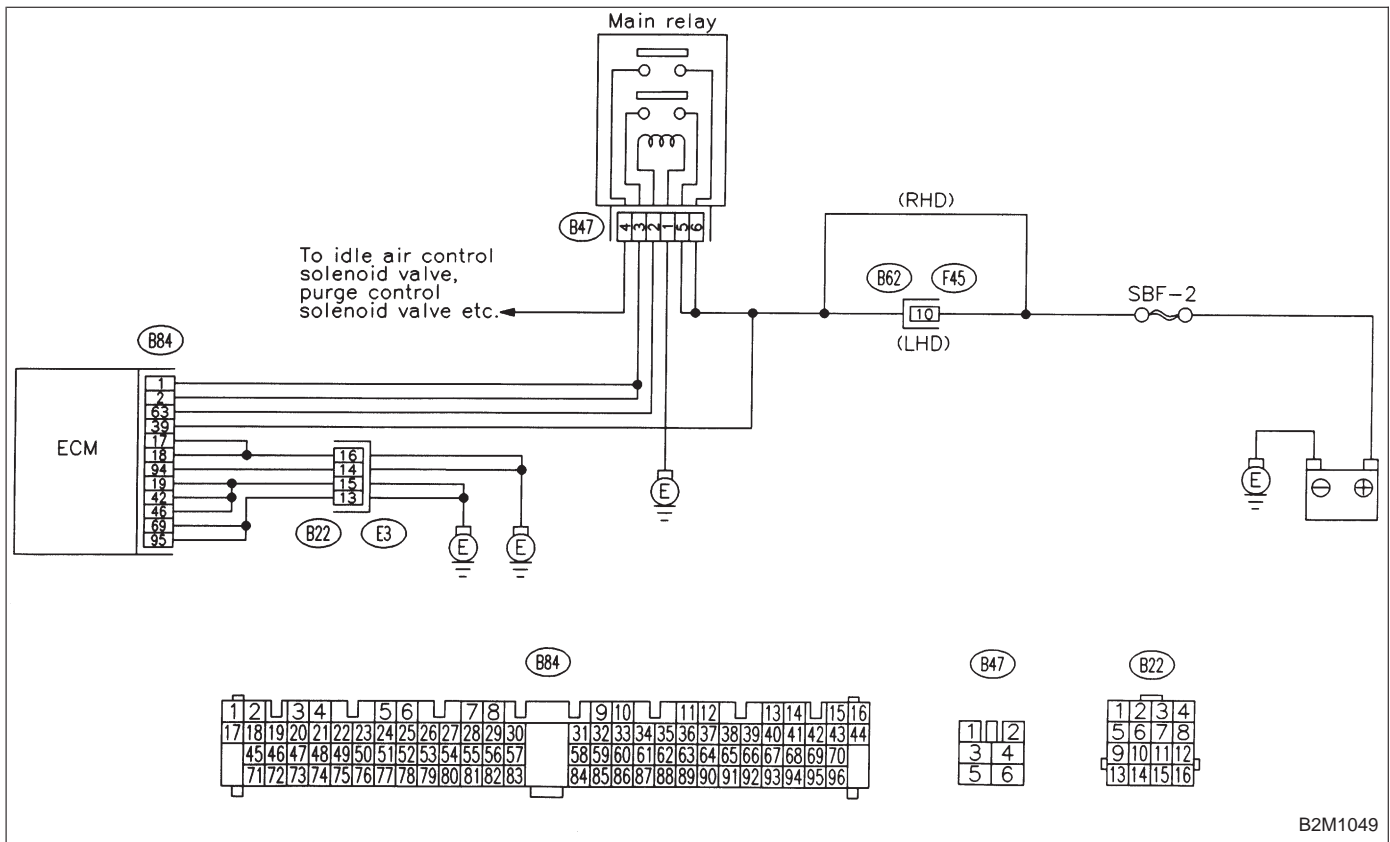
Is the resistance less than 10 Ω?

YES : Repair open circuit in harness between starter motor and ignition switch connector.

NO : Replace clutch switch.

C: CONTROL MODULE POWER SUPPLY AND GROUND LINE

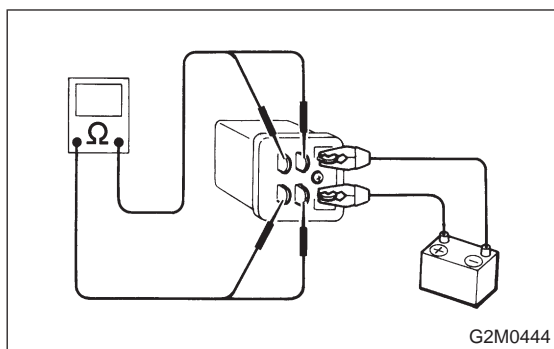
WIRING DIAGRAM:



CAUTION:

After repair or replacement of faulty parts, conduct CLEAR MEMORY and INSPECTION MODES.

<Ref. to 2-7 [T3D0] and [T3E0].>

**8C1 CHECK MAIN RELAY.**

- 1) Turn the ignition switch to OFF.
- 2) Remove main relay.
- 3) Connect battery to main relay terminals No. 1 and No. 2.
- 4) Measure resistance between main relay terminals.

CHECK : **Terminals No. 3 — No. 5:**
Is the resistance less than 10 Ω?

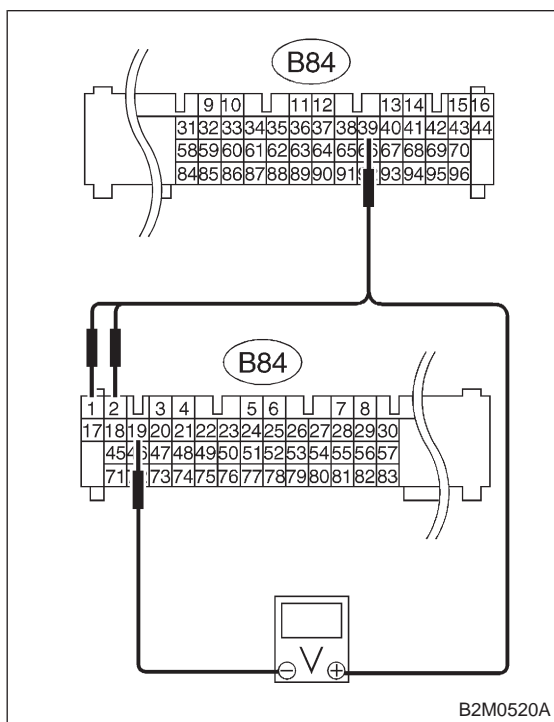
YES : Go to next **CHECK** .

YES : Replace main relay.

CHECK : **Terminals No. 4 — No. 6:**
Is the resistance less than 10 Ω?

YES : Go to step **8C2**.

NO : Replace main relay.

**8C2 CHECK POWER SUPPLY CIRCUIT OF ECM.**

- 1) Install main relay.
- 2) Disconnect connectors from ECM.
- 3) Turn ignition switch to ON.
- 4) Measure power supply voltage between ECM connector terminals.

CHECK : **Connector & terminal (B84) No. 1 (+) — No. 19 (-):**
Is the voltage more than 10 V?

YES : Go to next **CHECK** .

NO : Repair open or ground short circuit in harness of power supply circuit.

CHECK : **Connector & terminal (B84) No. 2 (+) — No. 19 (-):**
Is the voltage more than 10 V?

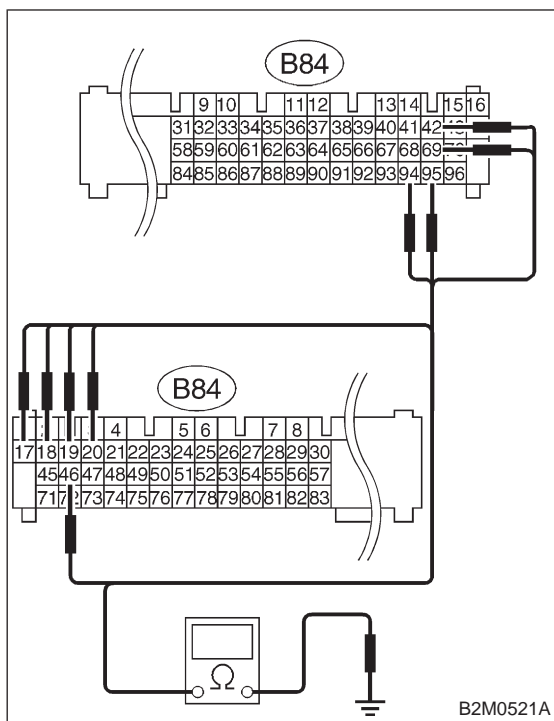
YES : Go to next **CHECK** .

NO : Repair open or ground short circuit in harness of power supply circuit.

CHECK : **Connector & terminal (B84) No. 39 (+) — No. 19 (-):**
Is the voltage more than 10 V?

YES : Go to step **8C3**.

NO : Repair open or ground short circuit in harness of power supply circuit.



8C3 CHECK GROUND CIRCUIT OF ECM.

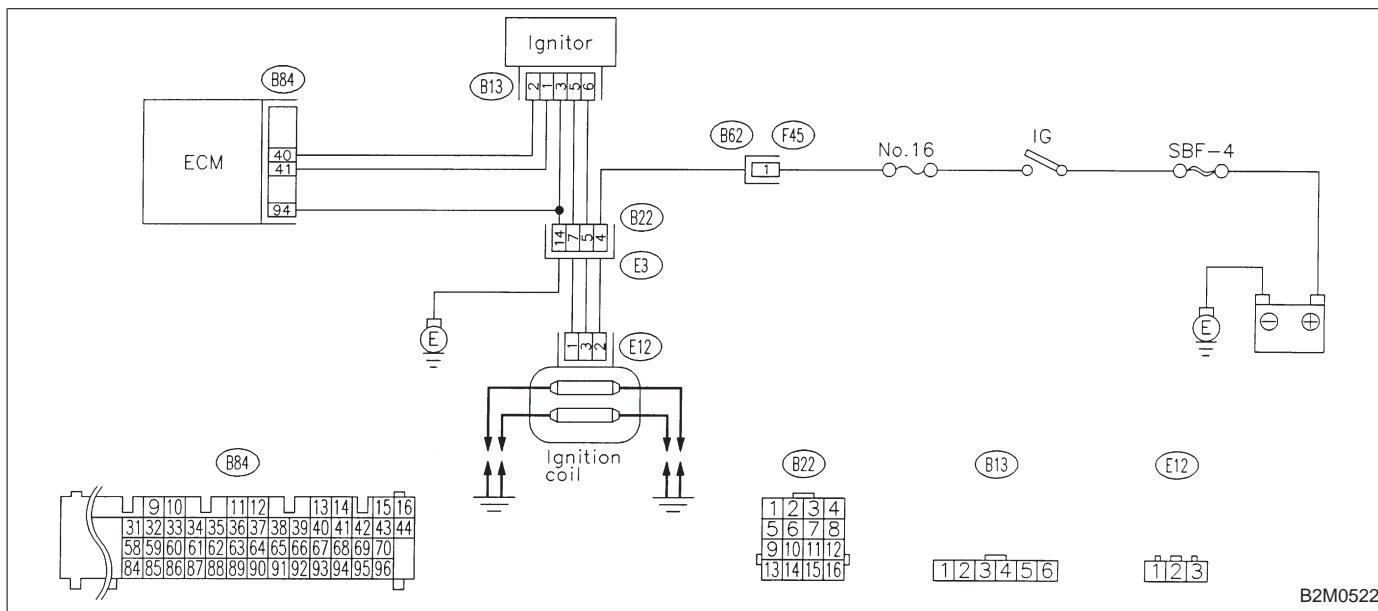
- 1) Turn ignition switch to OFF.
- 2) Measure resistance of harness connector between ECM and chassis ground.

- CHECK** : **Connector & terminal (B84) No. 17 — Chassis ground: Is the resistance less than 5 Ω?**
- YES** : Go to next **CHECK** .
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.
- CHECK** : **Connector & terminal (B84) No. 18 — Chassis ground: Is the resistance less than 5 Ω?**
- YES** : Go to next **CHECK** .
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.
- CHECK** : **Connector & terminal (B84) No. 19 — Chassis ground: Is the resistance less than 5 Ω?**
- YES** : Go to next **CHECK** .
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.
- CHECK** : **Connector & terminal (B84) No. 20 — Chassis ground: Is the resistance less than 5 Ω?**
- YES** : Go to next **CHECK** .
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.
- CHECK** : **Connector & terminal (B84) No. 42 — Chassis ground: Is the resistance less than 5 Ω?**
- YES** : Go to next **CHECK** .
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.
- CHECK** : **Connector & terminal (B84) No. 46 — Chassis ground: Is the resistance less than 5 Ω?**
- YES** : Go to next **CHECK** .
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.
- CHECK** : **Connector & terminal (B84) No. 69 — Chassis ground: Is the resistance less than 5 Ω?**
- YES** : Go to next **CHECK** .
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.

- CHECK** : **Connector & terminal**
(B84) No. 94 — Chassis ground:
Is the resistance less than 5 Ω?
- YES** : Go to next **CHECK** .
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.
- CHECK** : **Connector & terminal**
(B84) No. 95 — Chassis ground:
Is the resistance less than 5 Ω?
- YES** : Check ignition control system. <Ref. to 2-7 [T8D0].>
- NO** : Repair open circuit in harness between ECM connector and engine grounding terminal.

D: IGNITION CONTROL SYSTEM

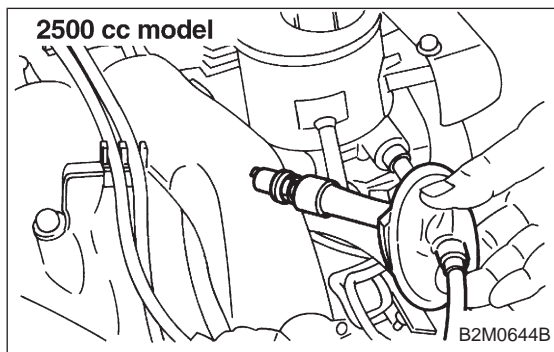
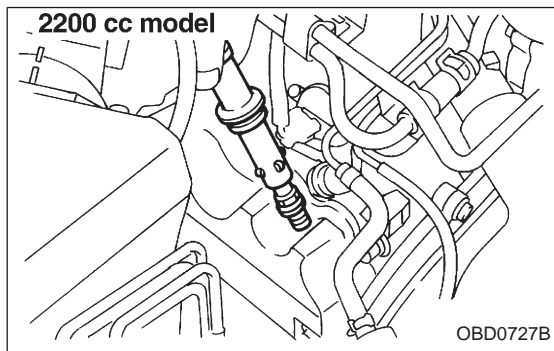
WIRING DIAGRAM:



CAUTION:

After repair or replacement of faulty parts, conduct CLEAR MEMORY and INSPECTION MODES.

<Ref. to 2-7 [T3D0] and [T3E0].>



8D1 CHECK IGNITION SYSTEM FOR SPARKS.

- 1) Remove plug cord cap from each spark plug.
- 2) Install new spark plug on plug cord cap.

CAUTION:

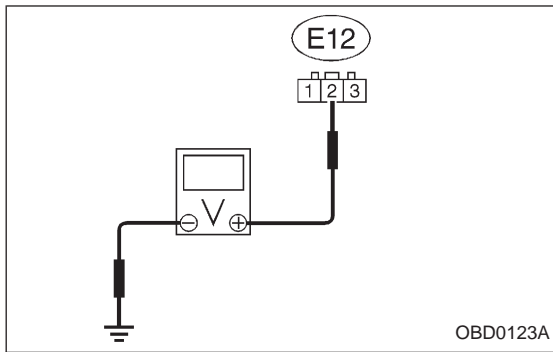
Do not remove spark plug from engine.

- 3) Contact spark plug's thread portion on engine.
- 4) While opening throttle valve fully, crank engine to check that spark occurs at each cylinder.

CHECK : Does spark occur at each cylinder?

YES : Check fuel pump system. <Ref. to 2-7 [T8E0], [T8F0].>

NO : Go to step 8D2.

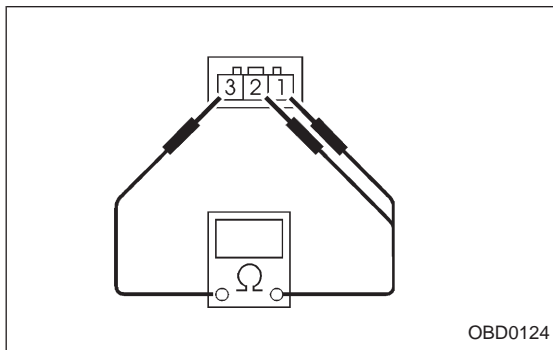
**8D2****CHECK POWER SUPPLY CIRCUIT FOR IGNITION COIL.**

- 1) Turn ignition switch to OFF.
- 2) Disconnect connector from ignition coil.
- 3) Turn ignition switch to ON.
- 4) Measure power supply voltage between ignition coil connector and engine ground.

CHECK : **Connector & terminal (E12) No. 2 (+) — Engine ground (-): Is the voltage more than 10 V?**

YES : Go to step **8D3**.

NO : Repair open or ground short circuit in harness between ignition coil and ignition switch connector.

**8D3****CHECK IGNITION COIL.**

- 1) Measure resistance between ignition coil terminals to check primary coil.

CHECK : **Terminals No. 2 — No. 1: Is the resistance between 0.4 and 1.0 Ω?**

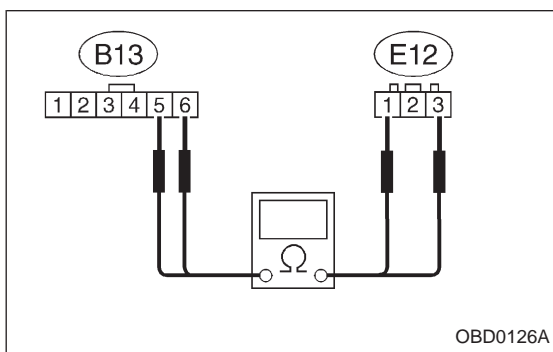
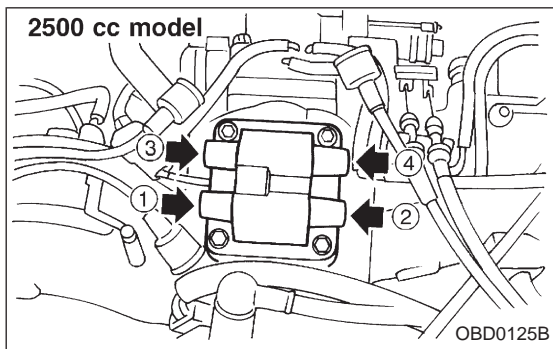
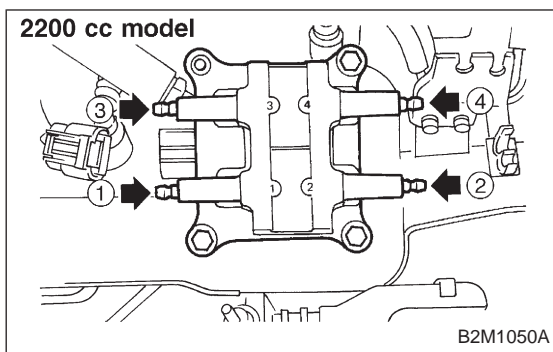
YES : Go to next **CHECK** .

NO : Replace ignition coil.

CHECK : **Terminals No. 2 — No. 3: Is the resistance between 0.4 and 1.0 Ω?**

NO : Replace ignition coil.

YES : Go to next step 2).



2) Measure resistance between spark plug cord contact portions to check secondary coil.

- CHECK** : **Terminals #1 — #2:**
- 2200 cc model
Is the resistance between 10 and 15 kΩ?
 - 2500 cc model
Is the resistance between 18 and 24 kΩ?

- YES** : Go to next **CHECK** .
- NO** : Replace ignition coil.

- CHECK** : **Terminals #3 — #4:**
- 2200 cc model
Is the resistance between 10 and 15 kΩ?
 - 2500 cc model
Is the resistance between 18 and 24 kΩ?

- YES** : Go to step 8D4.
- NO** : Replace ignition coil.

8D4	CHECK HARNESS BETWEEN IGNITOR AND IGNITION COIL CONNECTOR.
------------	---

1) Turn ignition switch to OFF.
2) Disconnect connector from ignitor.
3) Measure resistance of harness connector between ignition coil and ignitor.

- CHECK** : **Connector & terminal (B13) No. 5 — (E12) No. 1:**
Is the resistance less than 1 Ω?

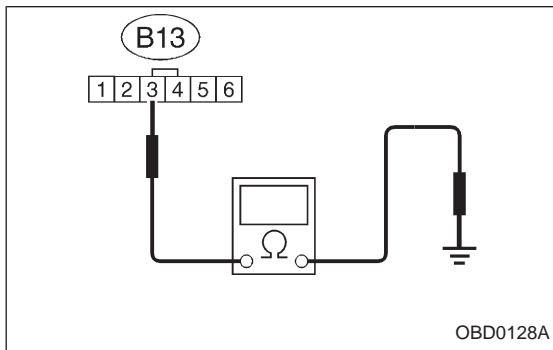
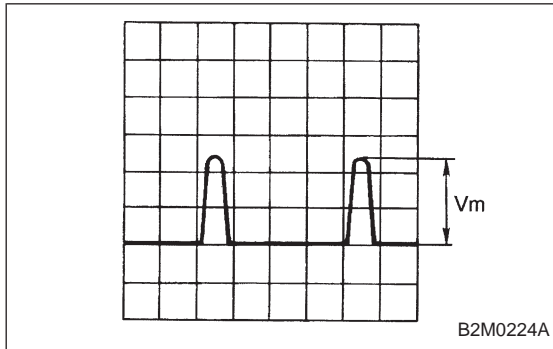
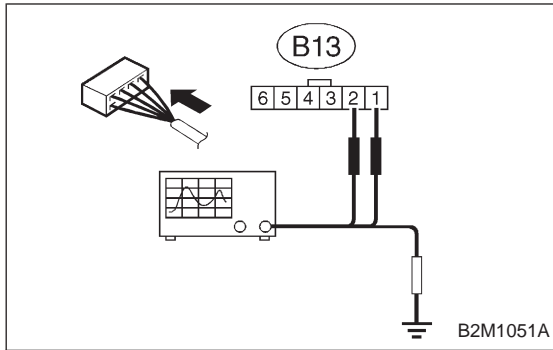
- YES** : Go to next **CHECK1** .
- YES** : Go to next **CHECK2** .

- CHECK1** : **Connector & terminal (B13) No. 6 — (E12) No. 3:**
Is the resistance less than 1 Ω?

- YES** : Go to step 8D5.
- NO** : Go to next **CHECK2** .

- CHECK2** : **Is there poor contact in coupling connector (B22)?**

- YES** : Repair poor contact in coupling connector.
- NO** : Repair open circuit in harness between ignition coil and ignitor connector.

**8D5 CHECK INPUT SIGNAL FOR IGNITOR.**

Check if voltage varies synchronously with engine speed when cranking, while monitoring voltage between ignitor connector and engine ground.

CHECK : **Connector & terminal:**
(B13) No. 1 (+) — Engine ground (-):
Is the voltage more than 10 V?

YES : Go to next **CHECK** .

NO : Replace ignitor.

CHECK : **Connector & terminal:**
(B13) No. 2 (+) — Engine ground (-):
Is the voltage more than 10 V?

YES : Go to step 8D6.

NO : Replace ignitor.

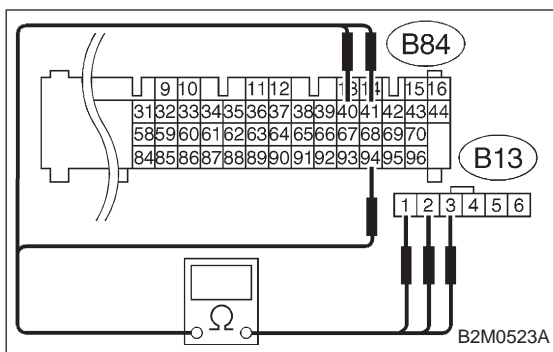
8D6 CHECK HARNESS OF IGNITOR GROUND CIRCUIT.

- 1) Turn ignition switch to OFF.
- 2) Measure resistance between ignitor and engine ground.

CHECK : **Connector & terminal**
(B13) No. 3 — Engine ground:
Is the resistance less than 5 Ω ?

YES : Go to step 8D7.

NO : Repair open circuit in harness between ignitor connector and engine grounding terminal.



8D7 CHECK HARNESS BETWEEN ECM AND IGNITOR CONNECTOR.

- 1) Disconnect connector from ECM.
- 2) Measure resistance of harness connector between ECM and ignitor.

CHECK : **Connector & terminal (B84) No. 41 — (B13) No. 1: Is the resistance less than 1 Ω?**

YES : Go to next **CHECK** .

NO : Repair open circuit in harness between ECM and ignitor connector.

CHECK : **Connector & terminal (B84) No. 40 — (B13) No. 2: Is the resistance less than 1 Ω?**

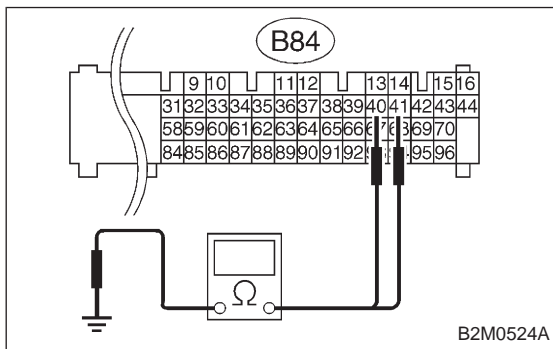
YES : Go to next **CHECK** .

NO : Repair open circuit in harness between ECM and ignitor connector.

CHECK : **Connector & terminal (B84) No. 94 — (B13) No. 3: Is the resistance less than 1 Ω?**

NO : Repair open circuit in harness between ECM and ignitor connector.

YES : Go to next step 3).



- 3) Measure resistance of harness connector between ECM and chassis ground.

CHECK : **Connector & terminal (B84) No. 41 — Chassis ground: Is the resistance more than 1 MΩ?**

YES : Go to next **CHECK** .

NO : Repair ground short circuit in harness between ECM and ignitor connector.

CHECK : **Connector & terminal (B84) No. 40 — Chassis ground: Is the resistance more than 1 MΩ?**

YES : Go to next **CHECK** .

NO : Repair ground short circuit in harness between ECM and ignitor connector.

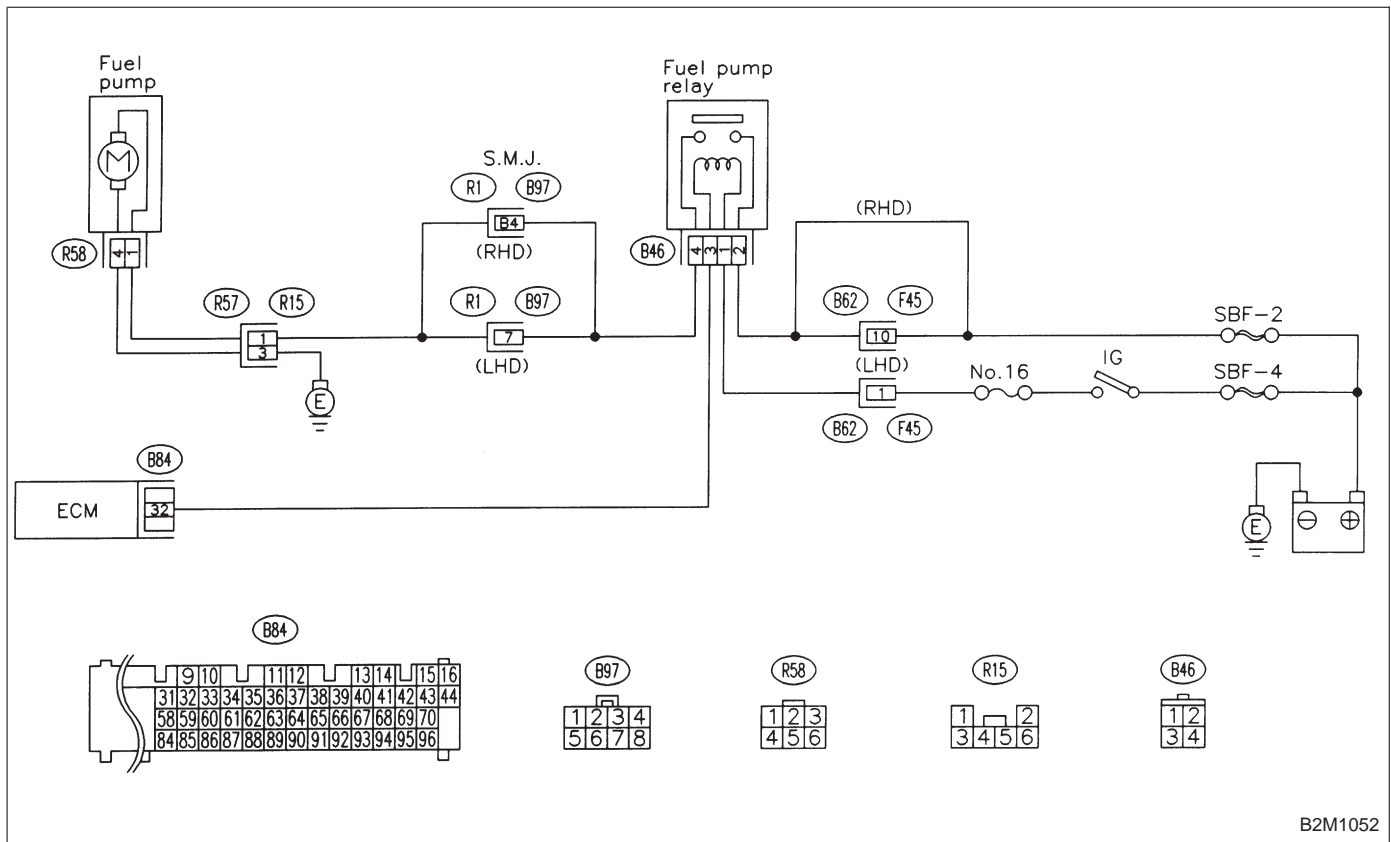
CHECK : **Is there poor contact in ECM connector?**

YES : Repair poor contact in ECM connector.

NO : Check fuel pump circuit. <Ref. to 2-7 [T8E0], [T8F0].>

E: FUEL PUMP CIRCUIT (2200 cc FWD, 2500 cc AWD TAIWAN SPEC. VEHICLES)

WIRING DIAGRAM:



CAUTION:
 After repair or replacement of faulty parts, conduct CLEAR MEMORY and INSPECTION MODES.
 <Ref. to 2-7 [T3D0] and [T3E0].>

8E1	CHECK OPERATING SOUND OF FUEL PUMP.
------------	--

Make sure that fuel pump is in operation for two seconds when turning ignition switch to ON.

CHECK : **Does fuel pump produce operating sound?**

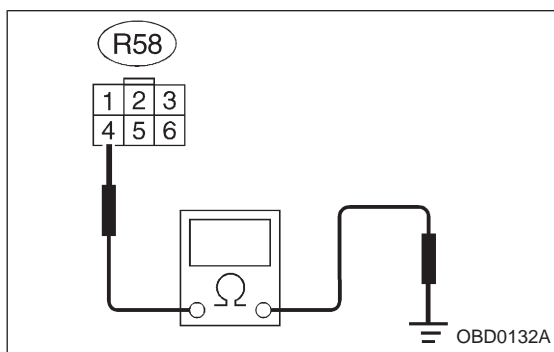
NOTE:

Fuel pump operation check can also be executed using Subaru Select Monitor (Function mode: FD01).

For the procedure, refer to "COMPULSORY VALVE OPERATION CHECK MODE". <Ref. to 2-7 [T3F0].>

YES : Check fuel injector circuit. <Ref. to 2-7 [T8G0].>

NO : Go to step **8E2**.



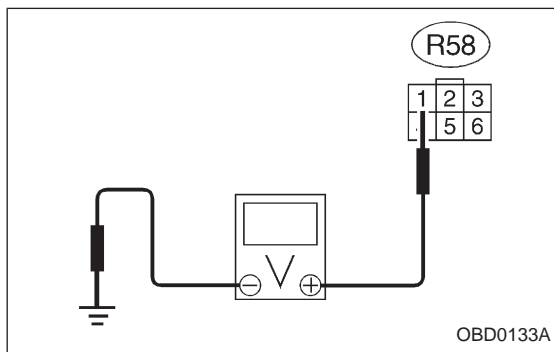
8E2	CHECK GROUND CIRCUIT OF FUEL PUMP.
------------	---

- 1) Turn ignition switch to OFF.
- 2) Disconnect connector from fuel pump.
- 3) Measure resistance of harness connector between fuel pump and chassis ground.

CHECK : **Connector & terminal (R58) No. 4 — Chassis ground: Is the resistance less than 5 Ω?**

YES : Go to step **8E3**.

NO : Repair open circuit in fuel pump ground circuit.



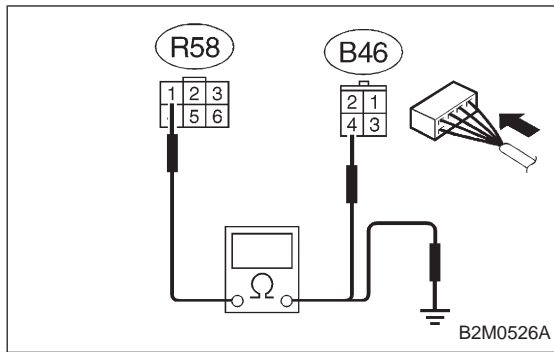
8E3	CHECK POWER SUPPLY TO FUEL PUMP.
------------	---

- 1) Turn ignition switch to ON.
- 2) Measure voltage of power supply circuit between fuel pump connector and chassis ground.

CHECK : **Connector & terminal (R58) No. 1 (+) — Chassis ground (-): Is the voltage more than 10 V?**

YES : Replace fuel pump.

NO : Go to step **8E4**.

**8E4****CHECK HARNESS BETWEEN FUEL PUMP AND FUEL PUMP RELAY CONNECTOR.**

- 1) Turn ignition switch to OFF.
- 2) Measure resistance of harness connector between fuel pump and fuel pump relay.

CHECK : **Connector & terminal (R58) No. 1 — (B46) No. 4:**
Is the resistance less than 1 Ω?

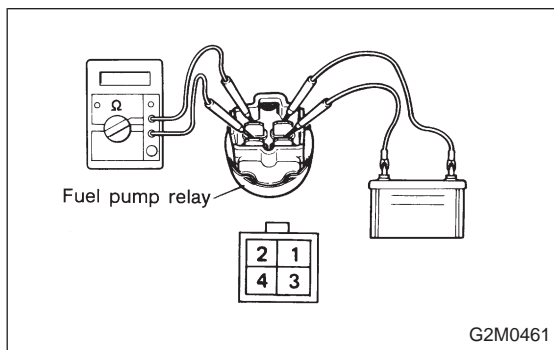
YES : Go to next **CHECK** .

NO : Repair open circuit in harness between fuel pump and fuel pump relay connector.

CHECK : **Connector & terminal (R58) No. 1 — Chassis ground:**
Is the resistance more than 1 MΩ?

YES : Go to step **8E5**.

NO : Repair short circuit in harness between fuel pump and fuel pump relay connector.

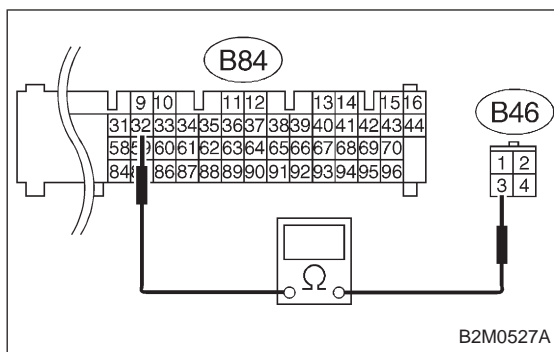
**8E5****CHECK FUEL PUMP RELAY.**

- 1) Disconnect connectors from fuel pump relay and main relay.
- 2) Remove fuel pump relay and main relay with bracket.
- 3) Connect battery to fuel pump relay connector terminals No. 1 and No. 3.
- 4) Measure resistance between connector terminals of fuel pump relay.

CHECK : **Terminals No. 2 — No. 4:**
Is the resistance less than 10 Ω?

YES : Go to step **8E6**.

NO : Replace fuel pump relay.

**8E6****CHECK HARNESS BETWEEN ECM AND FUEL PUMP RELAY CONNECTOR.**

- 1) Disconnect connectors from ECM.
- 2) Measure resistance of harness between ECM and fuel pump relay connector.

CHECK : **Connector & terminal (B84) No. 32 — (B46) No. 3:**
Is the resistance less than 1 Ω?

YES : Go to next **CHECK** .

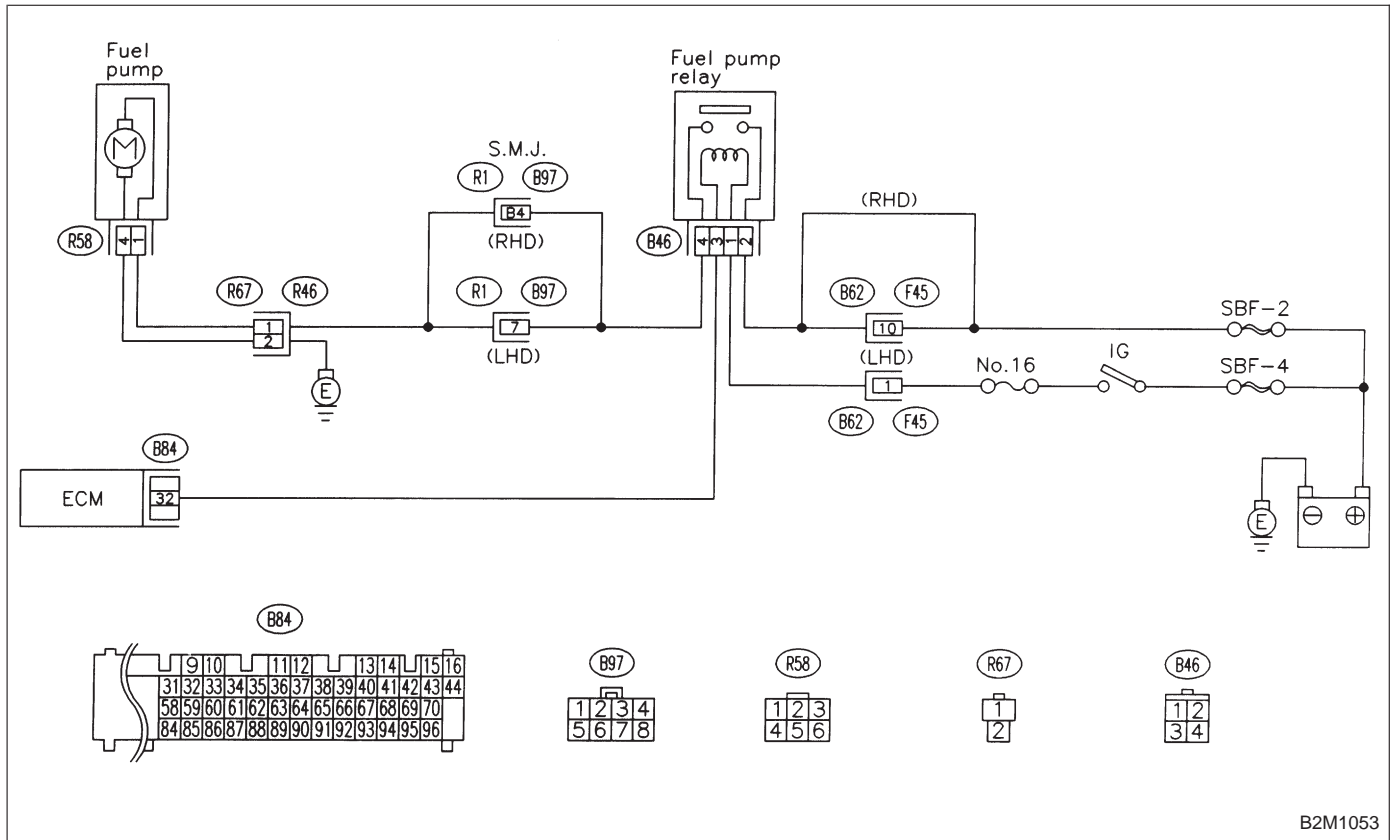
NO : Repair open circuit in harness between ECM and fuel pump relay connector.

CHECK : **Is there poor contact in ECM connector?**

YES : Repair poor contact in ECM connector.

NO : Check fuel injector circuit. <Ref. to 2-7 [T8G0].>

F: FUEL PUMP CIRCUIT (2200 cc AWD EXCEPT TAIWAN SPEC. VEHICLES) WIRING DIAGRAM:



B2M1053

CAUTION:
 After repair or replacement of faulty parts, conduct CLEAR MEMORY and INSPECTION MODES.
 <Ref. to 2-7 [T3D0] and [T3E0].>

8F1	CHECK OPERATING SOUND OF FUEL PUMP.
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Make sure that fuel pump is in operation for two seconds when turning ignition switch to ON.

CHECK : *Does fuel pump produce operating sound?*

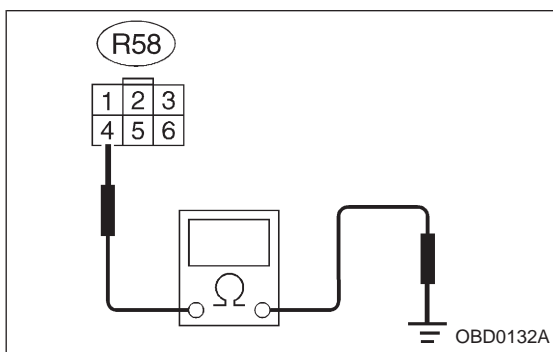
NOTE:

Fuel pump operation check can also be executed using Subaru Select Monitor (Function mode: FD01).

For the procedure, refer to "COMPULSORY VALVE OPERATION CHECK MODE". <Ref. to 2-7 [T3F0].>

YES : Check fuel injector circuit. <Ref. to 2-7 [T8G0].>

NO : Go to step **8F2**.



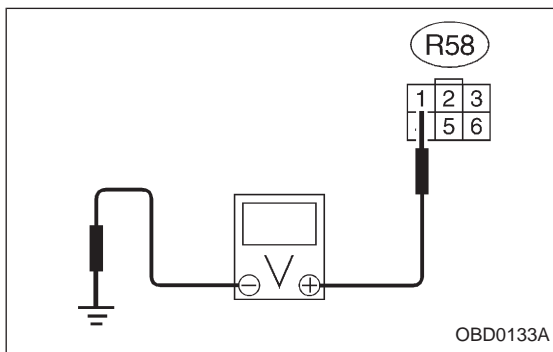
8F2	CHECK GROUND CIRCUIT OF FUEL PUMP.
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- 1) Turn ignition switch to OFF.
- 2) Disconnect connector from fuel pump.
- 3) Measure resistance of harness connector between fuel pump and chassis ground.

CHECK : *Connector & terminal (R58) No. 4 — Chassis ground: Is the resistance less than 5 Ω?*

YES : Go to step **8F3**.

NO : Repair open circuit in fuel pump ground circuit.



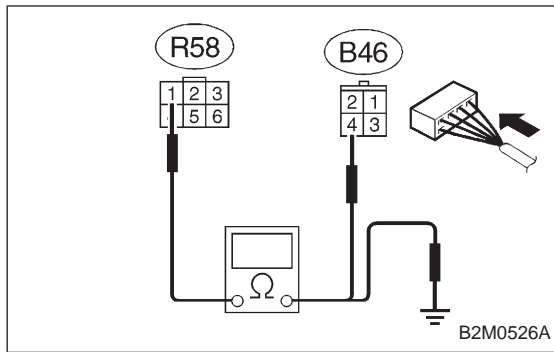
8F3	CHECK POWER SUPPLY TO FUEL PUMP.
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- 1) Turn ignition switch to ON.
- 2) Measure voltage of power supply circuit between fuel pump connector and chassis ground.

CHECK : *Connector & terminal (R58) No. 1 (+) — Chassis ground (-): Is the voltage more than 10 V?*

YES : Replace fuel pump.

NO : Go to step **8F4**.

**8F4****CHECK HARNESS BETWEEN FUEL PUMP AND FUEL PUMP RELAY CONNECTOR.**

- 1) Turn ignition switch to OFF.
- 2) Measure resistance of harness connector between fuel pump and fuel pump relay.

CHECK : **Connector & terminal (R58) No. 1 — (B46) No. 4:**
Is the resistance less than 1 Ω?

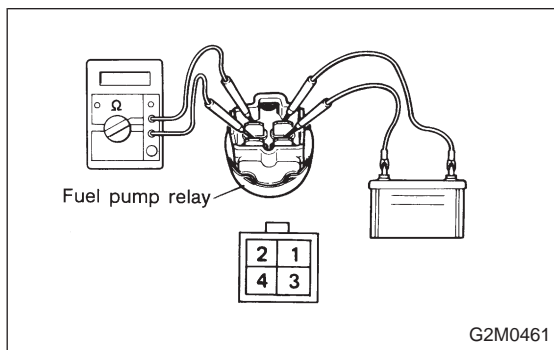
YES : Go to next **CHECK** .

NO : Repair open circuit in harness between fuel pump and fuel pump relay connector.

CHECK : **Connector & terminal (R58) No. 1 — Chassis ground:**
Is the resistance more than 1 MΩ?

YES : Go to step **8F5**.

NO : Repair short circuit in harness between fuel pump and fuel pump relay connector.

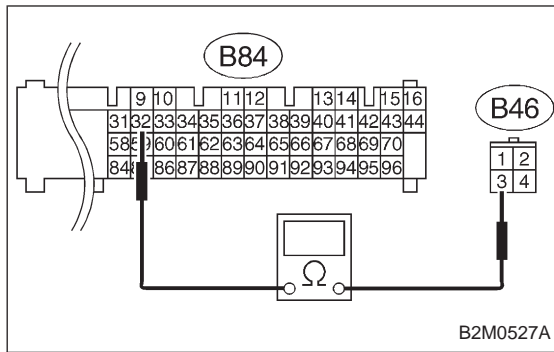
**8F5****CHECK FUEL PUMP RELAY.**

- 1) Disconnect connectors from fuel pump relay and main relay.
- 2) Remove fuel pump relay and main relay with bracket.
- 3) Connect battery to fuel pump relay connector terminals No. 1 and No. 3.
- 4) Measure resistance between connector terminals of fuel pump relay.

CHECK : **Terminals No. 2 — No. 4:**
Is the resistance less than 10 Ω?

YES : Go to step **8F6**.

NO : Replace fuel pump relay.

**8F6****CHECK HARNESS BETWEEN ECM AND FUEL PUMP RELAY CONNECTOR.**

- 1) Disconnect connectors from ECM.
- 2) Measure resistance of harness between ECM and fuel pump relay connector.

CHECK : **Connector & terminal (B84) No. 32 — (B46) No. 3:**
Is the resistance less than 1 Ω ?

YES : Go to next **CHECK** .

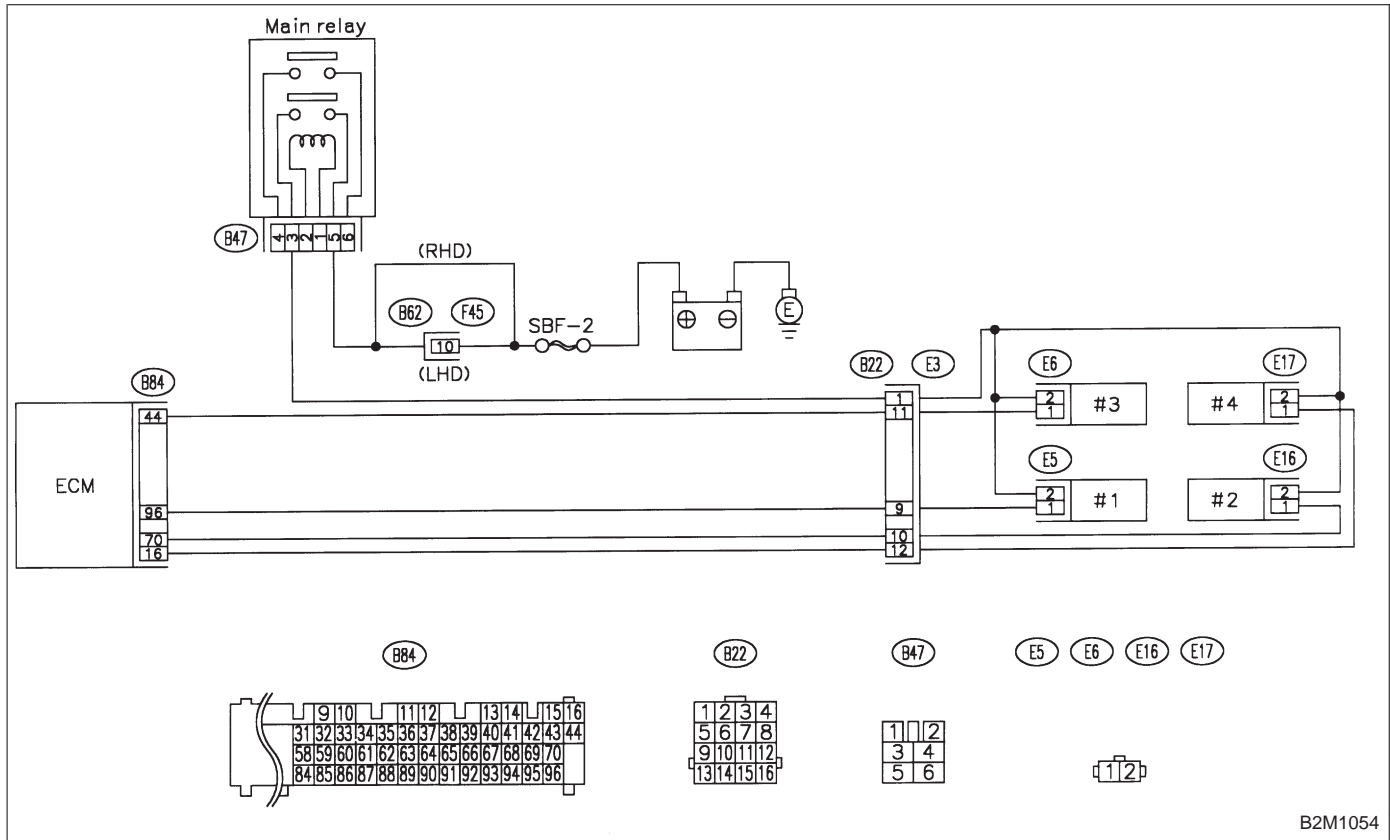
NO : Repair open circuit in harness between ECM and fuel pump relay connector.

CHECK : **Is there poor contact in ECM connector?**

YES : Repair poor contact in ECM connector.

NO : Check fuel injector circuit. <Ref. to 2-7 [T8G0].>

**G: FUEL INJECTOR CIRCUIT
WIRING DIAGRAM:**



CAUTION:

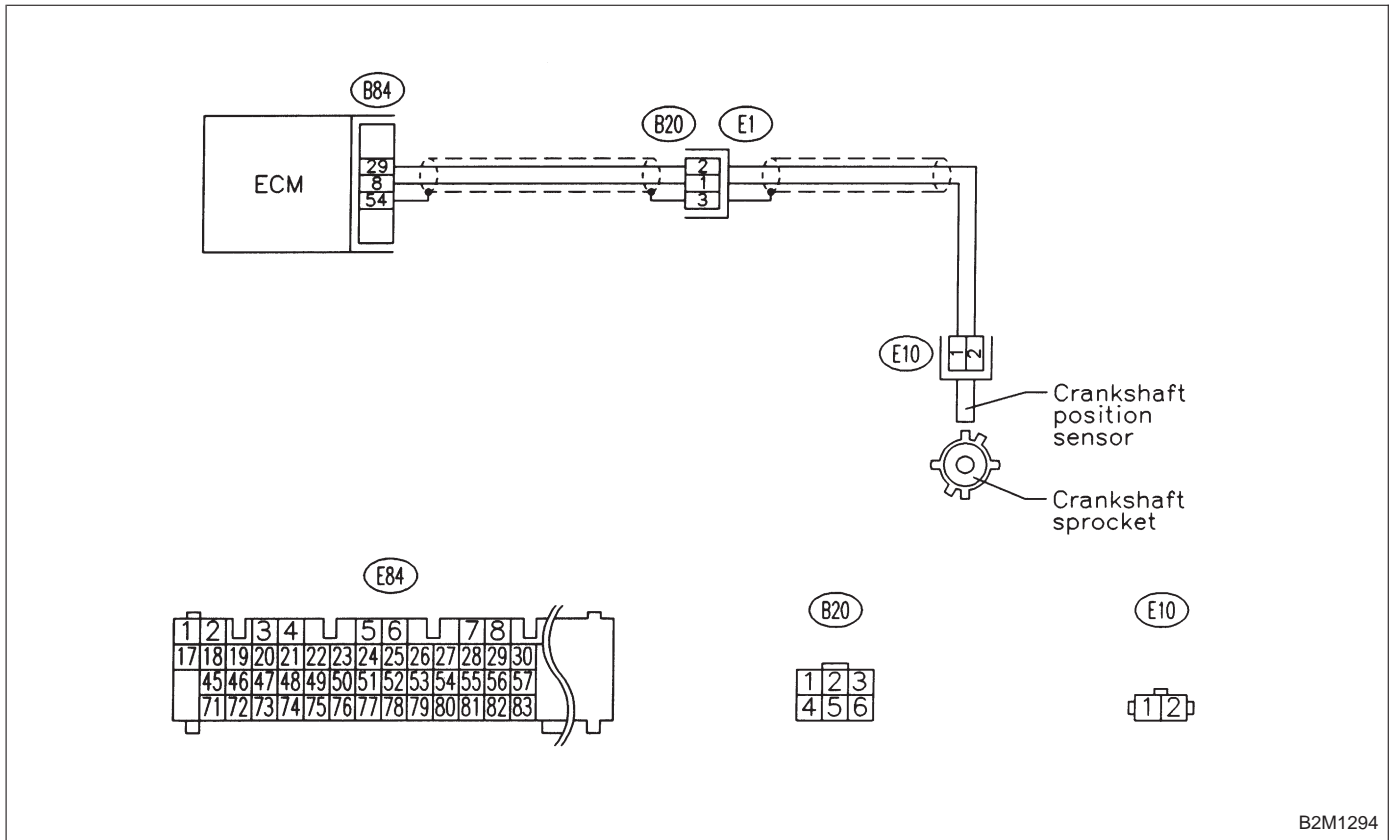
- Check or repair only faulty parts.
- After repair or replacement of faulty parts, conduct **CLEAR MEMORY** and **INSPECTION MODES**.
<Ref. to 2-7 [T3D0] and [T3E0].>

NOTE:

Check fuel injector circuit. <Ref. to 2-7 [T10AA0] or [T10AE0], [T11AA0] or [T11AE0].>

**H: CRANKSHAFT POSITION SENSOR
CIRCUIT**

WIRING DIAGRAM:



CAUTION:

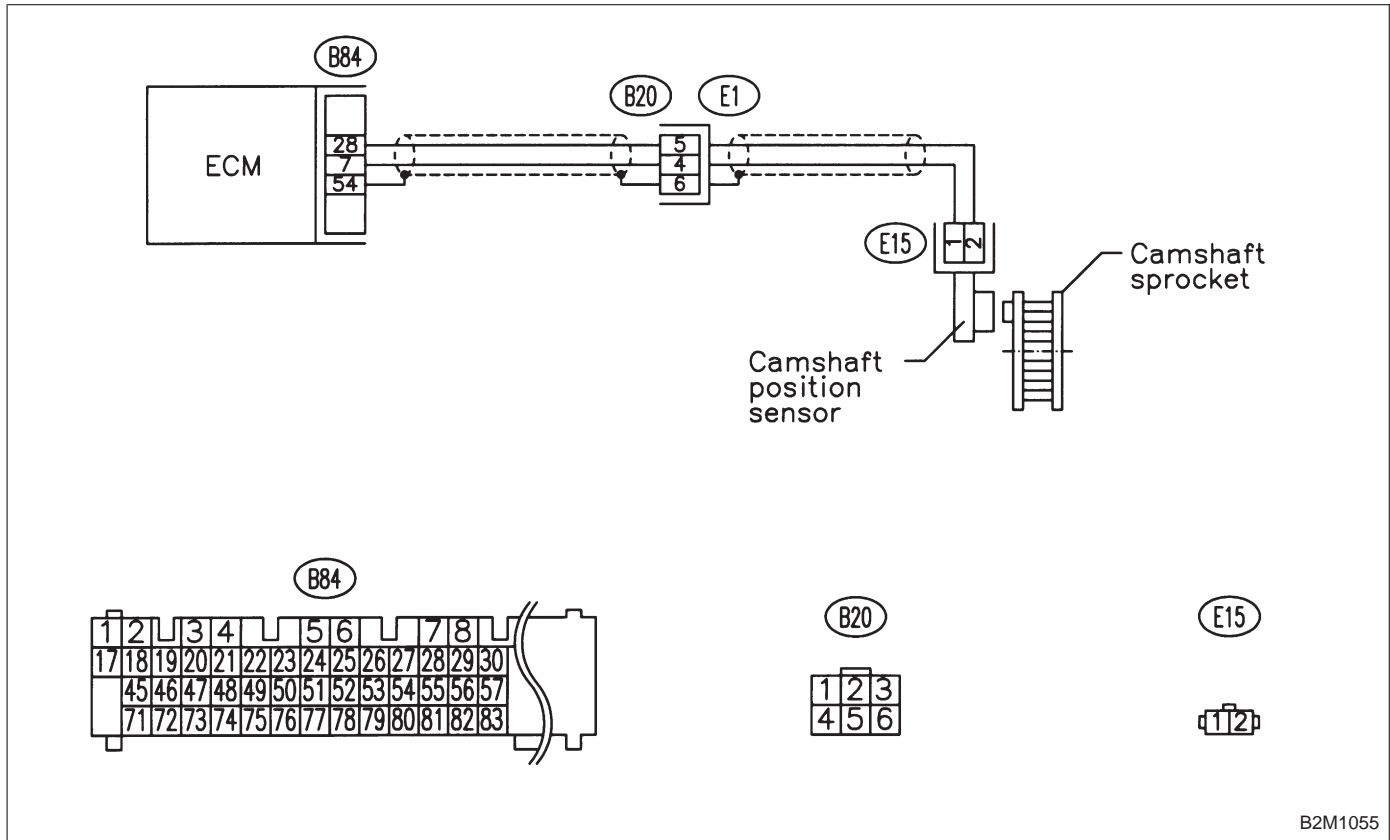
After repair or replacement of faulty parts, conduct CLEAR MEMORY and INSPECTION MODES.

<Ref. to 2-7 [T3D0] and [T3E0].>

NOTE:

Check crankshaft position sensor circuit. <Ref. to 2-7 [T10AK0], [T11AK0].>

I: CAMSHAFT POSITION SENSOR CIRCUIT
WIRING DIAGRAM:



B2M1055

CAUTION:

After repair or replacement of faulty parts, conduct CLEAR MEMORY and INSPECTION MODES.

<Ref. to 2-7 [T3D0] and [T3E0].>

NOTE:

Check camshaft position sensor circuit. <Ref. to 2-7 [T10AM0], [T11AM0].>