8. Diagnostics for Engine Starting Failure

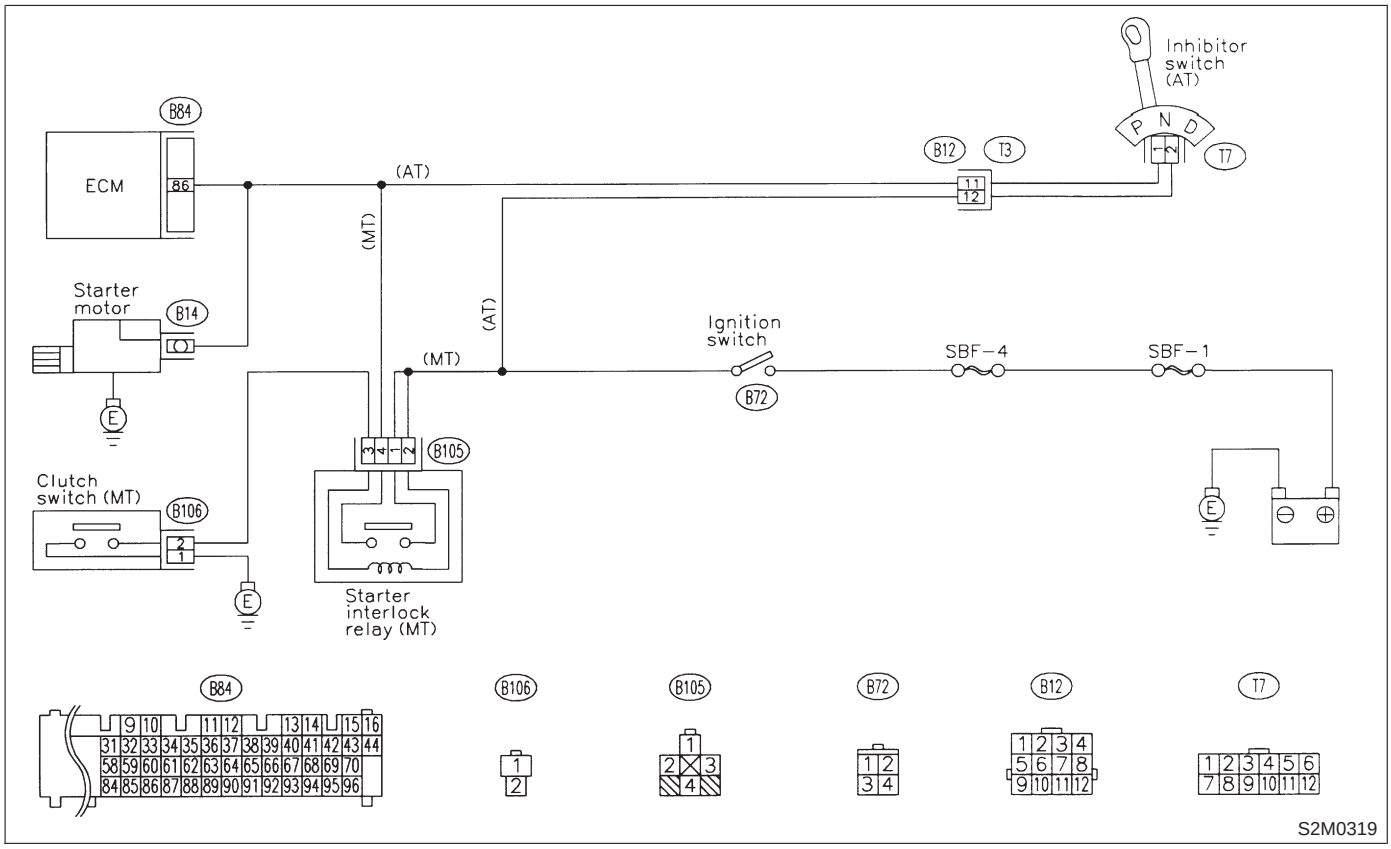
A: BASIC DIAGNOSTICS CHART

1. Inspection of starter motor circuit. <Ref. to 2-7 [T8B0].>
↓
2. Inspection of ECM power supply and ground line. <Ref. to 2-7 [T8C0].>
↓
3. Inspection of ignition control system. <Ref. to 2-7 [T8D0].>
↓
4. Inspection of fuel pump circuit. <Ref. to 2-7 [T8E0].>
↓
5. Inspection of fuel injector circuit. <Ref. to 2-7 [T8F0].>
↓
6. Inspection of crankshaft position sensor circuit. <Ref. to 2-7 [T8G0].>
↓
7. Inspection of camshaft position sensor circuit. <Ref. to 2-7 [T8H0].>
↓
8. Inspection using Subaru select monitor or OBD-II general scan tool <Ref. to 2-7 [T10A0].> or inspection using “9. General Diagnostics Table”. <Ref. to 2-7 [T900].>

B: STARTER MOTOR CIRCUIT

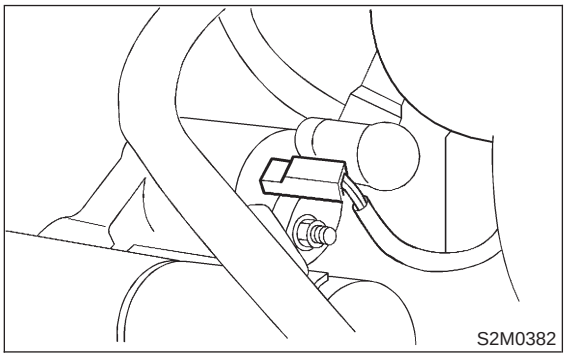
CAUTION:
After repair or replacement of faulty parts, conduct CLEAR MEMORY and INSPECTION MODES. <Ref. to 2-7 [T3D0] and [T3E0].>

- **WIRING DIAGRAM:**



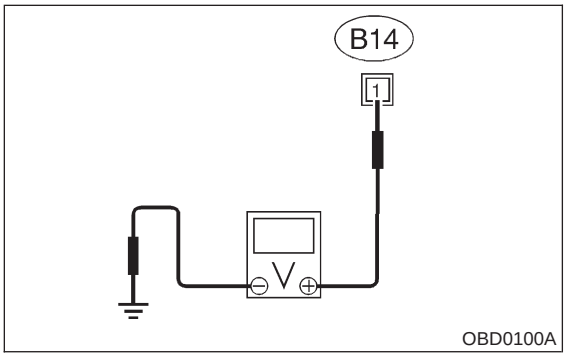
8B1 : CHECK INPUT SIGNAL FOR STARTER MOTOR.

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.

Connector & terminal
(B14) No. 1 (+) — Engine ground (−):

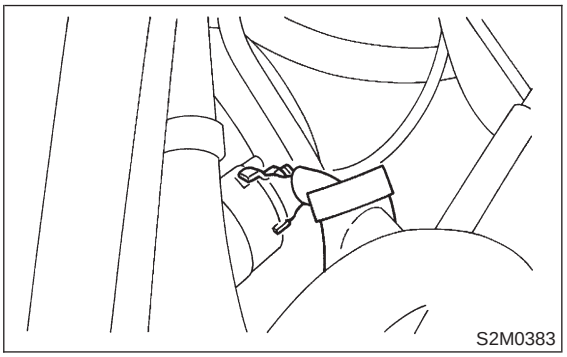


NOTE:
● On AT vehicles, place the selector lever in the "P" or "N" position.
● On MT vehicles, depress the clutch pedal.

CHECK : ***Is the voltage more than 10 V?***
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 [W100].>
NO : Repair open circuit of ground cable.

8B3 : CHECK FUSE (SBF NO. 1).

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

CHECK : ***Is resistance less than 1 Ω?***
YES : Go to step **8B4**.
NO : Replace SBF No. 1.

8B4 : CHECK FUSE (SBF NO. 4).

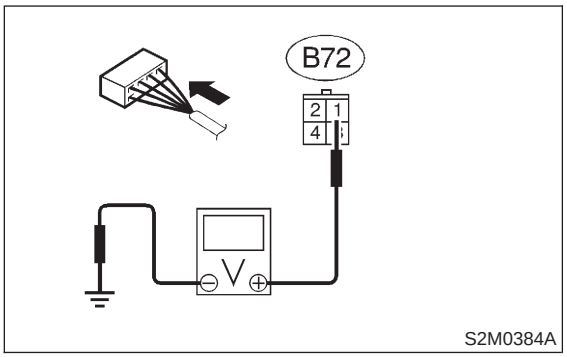
1) Remove SBF No. 4 from main fuse box.
2) Measure resistance of fuse.

CHECK : ***Is resistance less than 1 Ω?***
YES : Go to step **8B5**.
NO : Replace SBF No. 4.

8B5 : CHECK HARNESS BETWEEN BATTERY AND IGNITION SWITCH CONNECTOR.

1) Install SBF No. 1 and SBF No. 4 to main fuse box.
2) Turn ignition switch to ON.
3) Measure power supply voltage between ignition switch connector and chassis ground.

Connector & terminal
(B72) No. 1 (+) — Chassis ground (−):



CHECK : ***Is the voltage more than 10 V?***
YES : Go to step **8B6**.
NO : Repair open circuit in harness between ignition switch and SBF No. 4 connector.

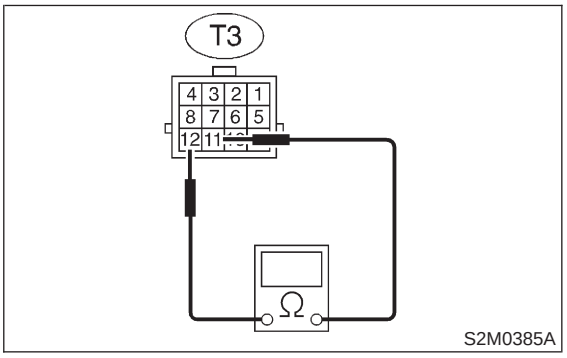
8B6 : CHECK TRANSMISSION TYPE.

CHECK : ***Is transmission type AT?***
YES : Go to step **8B7**.
NO : Go to step **8B11**.

8B7 : CHECK INHIBITOR SWITCH CIRCUIT.

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

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

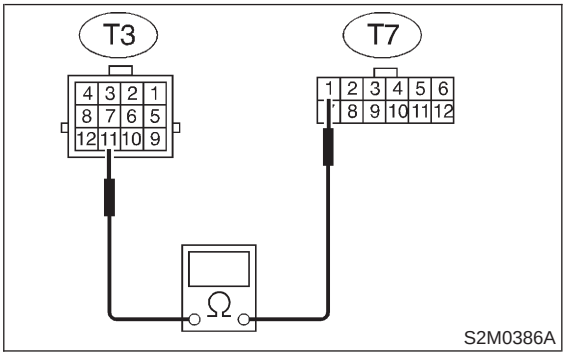


CHECK : ***Is the resistance less than 1 Ω?***
YES : Repair open circuit in harness between starter motor and ignition switch connector.
NO : Go to step **8B8**.

8B8 : CHECK TRANSMISSION HARNESS.

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

Connector & terminal
(T3) No. 11 — (T7) No. 1:

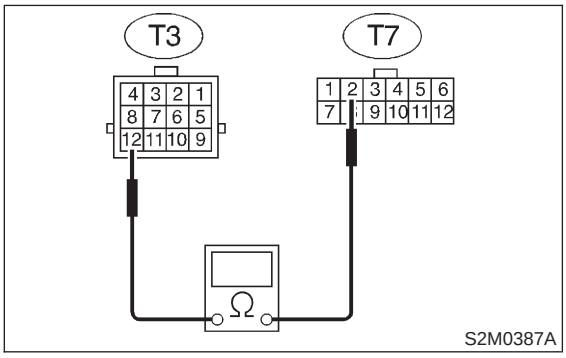


CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8B9**.
NO : Repair open circuit in harness between transmission harness and inhibitor switch connector.

8B9 : CHECK TRANSMISSION HARNESS.

Measure resistance of harness between transmission harness and inhibitor switch connector.

Connector & terminal
(T3) No. 12 — (T7) No. 2:



CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8B10**.
NO : Repair open circuit in harness between transmission harness and inhibitor switch connector.

8B10 : CHECK POOR CONTACT.

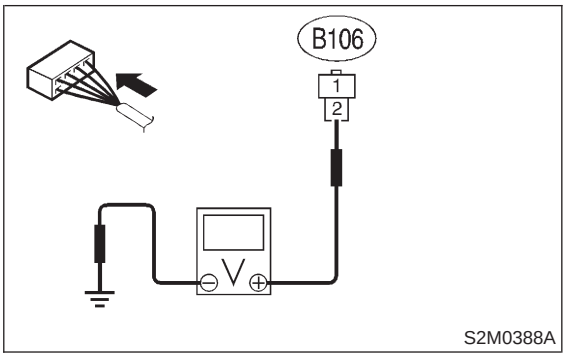
Check poor contact in inhibitor switch connector. <Ref. to FOREWORD [T3C1].>

CHECK : ***Is there poor contact in inhibitor switch connector?***
YES : Repair poor contact in inhibitor switch connector.
NO : Replace inhibitor switch.

8B11 : CHECK STARTER INTERLOCK CIRCUIT.

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

Connector & terminal
(B106) No. 2 (+) — Chassis ground (−):

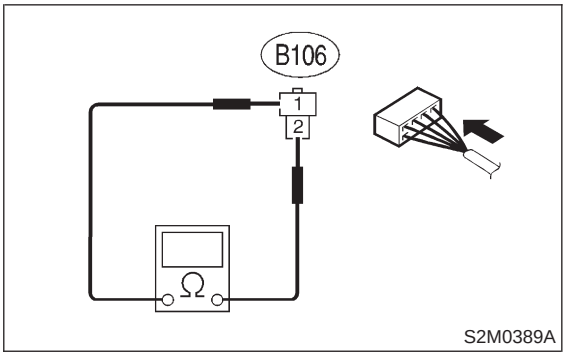


CHECK : ***Is the voltage more than 10 V?***
YES : Replace starter interlock relay.
NO : Go to step **8B12**.

8B12 : CHECK STARTER INTERLOCK CIRCUIT.

1) Turn ignition switch to OFF.
2) Measure resistance between clutch switch connector terminals while depressing the clutch pedal.

Connector & terminal
(B106) No. 1 — No. 2:

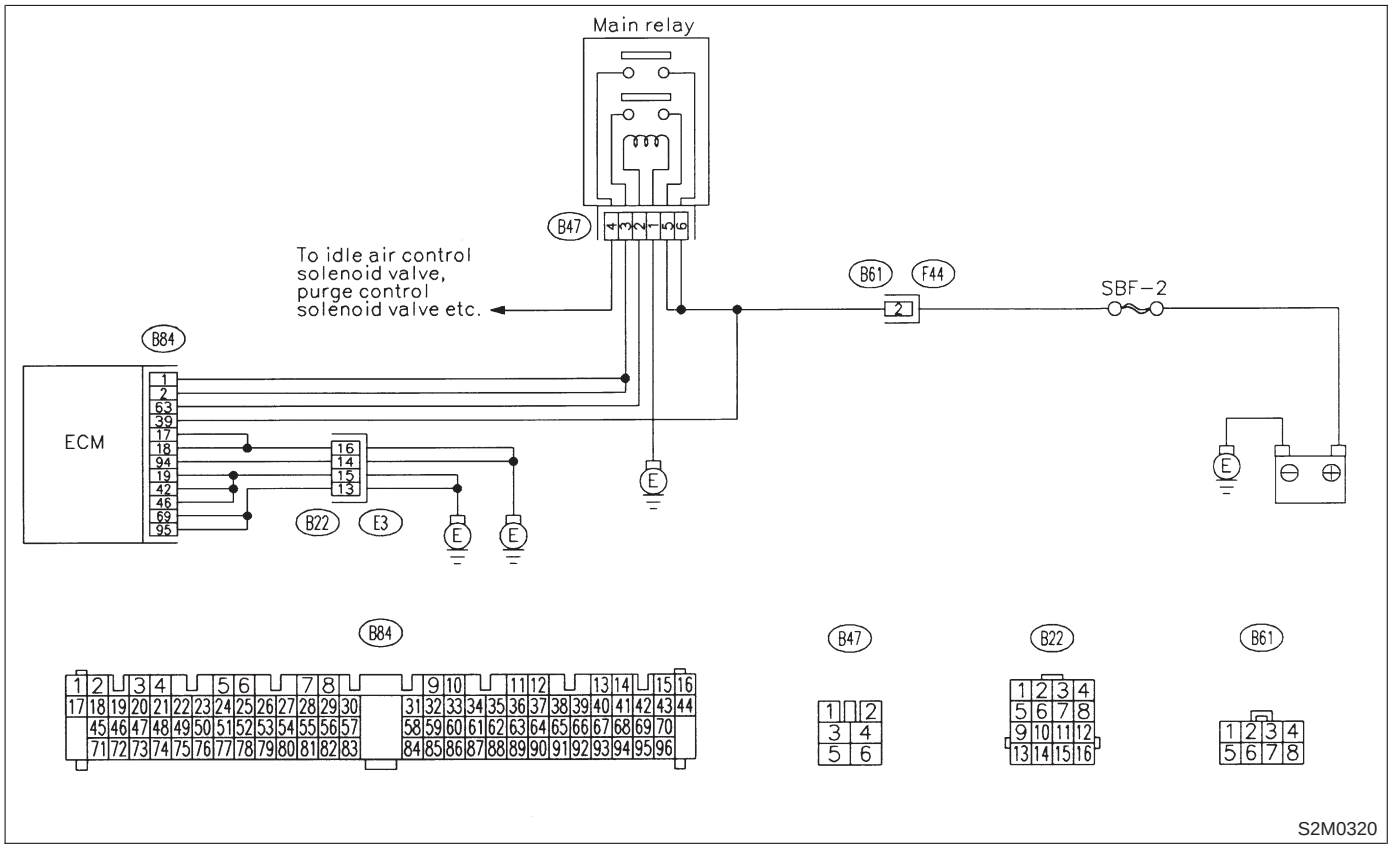


CHECK : ***Is the resistance less than 10 Ω?***
YES : Repair open circuit in harness between starter motor and ignition switch connector.
NO : Replace clutch switch.

C: CONTROL MODULE POWER SUPPLY AND GROUND LINE

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

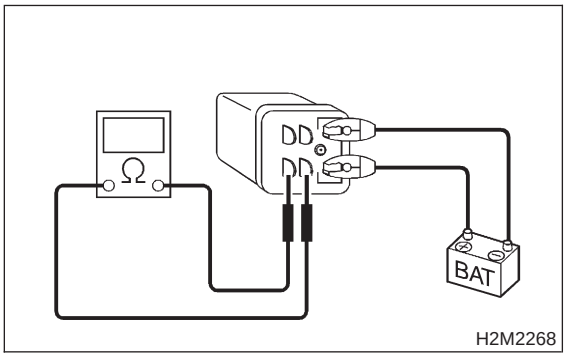
- **WIRING DIAGRAM:**



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.

Terminals
No. 3 — No. 5:

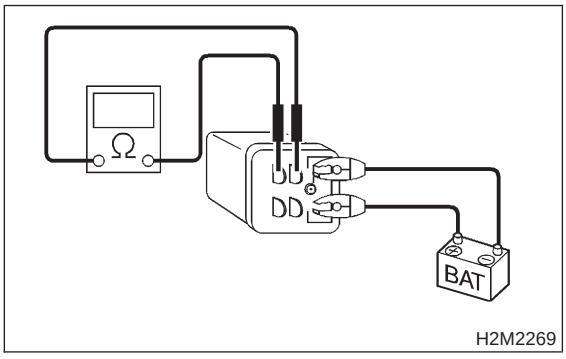


CHECK : ***Is the resistance less than 10 Ω?***
YES : Go to step **8C2**.
NO : Replace main relay.

8C2 : CHECK MAIN RELAY.

Measure resistance between main relay terminals.

Terminals
No. 4 — No. 6:

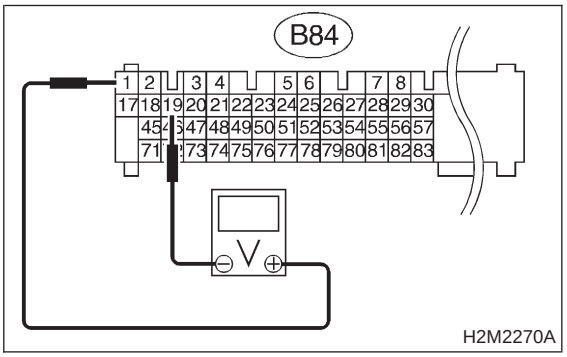


CHECK : ***Is the resistance less than 10 Ω?***
YES : Go to step **8C3**.
NO : Replace main relay.

8C3 : 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.

Connector & terminal
(B84) No. 1 (+) — No. 19 (−):

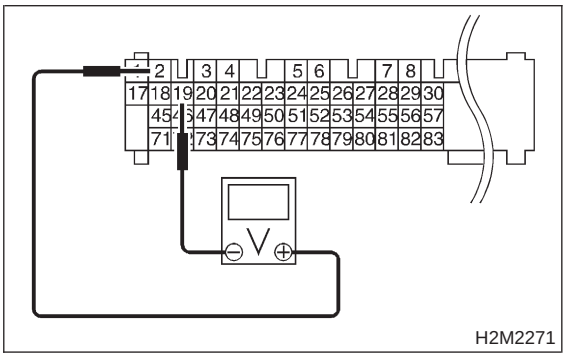


CHECK : ***Is the voltage more than 10 V?***
YES : Go to step **8C4**.
NO : Repair open or ground short circuit in harness of power supply circuit.

8C4 : CHECK POWER SUPPLY CIRCUIT OF ECM.

Measure power supply voltage between ECM connector terminals.

Connector & terminal
(B84) No. 2 (+) — No. 19 (−):

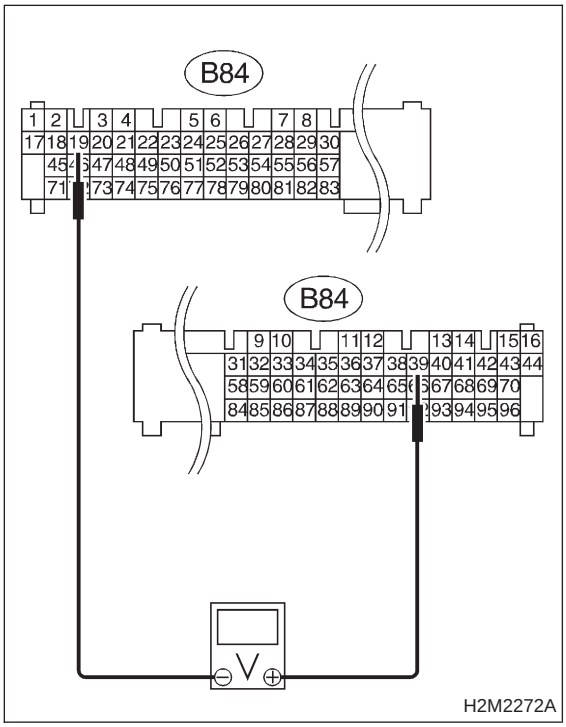


CHECK : ***Is the voltage more than 10 V?***
YES : Go to step **8C5**.
NO : Repair open or ground short circuit in harness of power supply circuit.

8C5 : CHECK POWER SUPPLY CIRCUIT OF ECM.

Measure power supply voltage between ECM connector terminals.

Connector & terminal
(B84) No. 39 (+) — No. 19 (−):

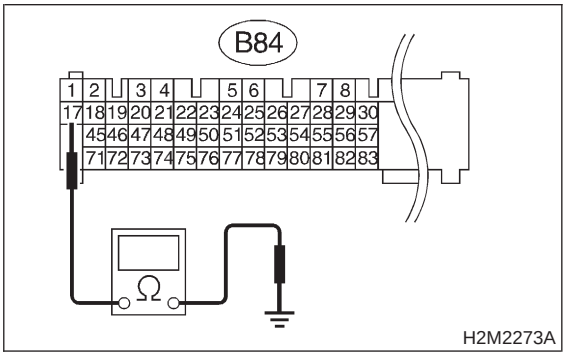


CHECK : ***Is the voltage more than 10 V?***
YES : Go to step **8C6**.
NO : Repair open or ground short circuit in harness of power supply circuit.

8C6 : CHECK GROUND CIRCUIT OF ECM.

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

Connector & terminal
(B84) No. 17 — Chassis ground:

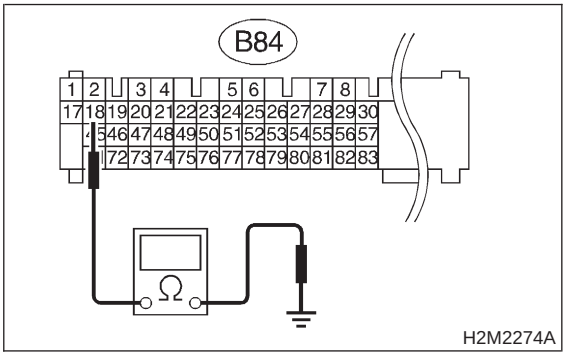


CHECK : ***Is the resistance less than 5 Ω?***
YES : Go to step **8C7**.
NO : Repair open circuit in harness between ECM connector and engine grounding terminal.

8C7 : CHECK GROUND CIRCUIT OF ECM.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal
(B84) No. 18 — Chassis ground:



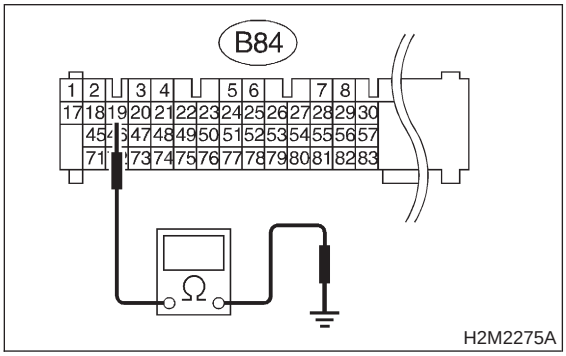
CHECK : ***Is the resistance less than 5 Ω?***
YES : Go to step **8C8**.
NO : Repair open circuit in harness between ECM connector and engine grounding terminal.

8C8 : CHECK GROUND CIRCUIT OF ECM.

Measure resistance of harness between ECM and chassis ground.

Measure resistance of harness between ECM and chassis ground.

(B84) No. 19 — Chassis ground:



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

YES : Go to step **8C9**.

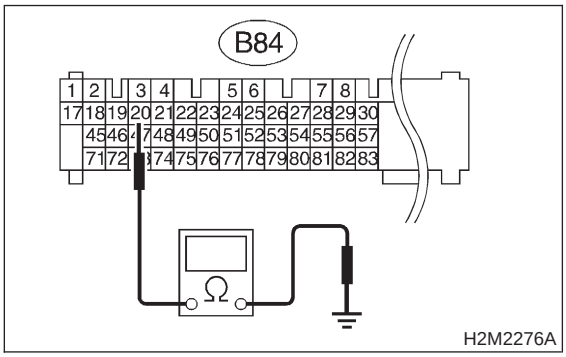
NO : Repair open circuit in harness between ECM connector and engine grounding terminal.

8C9 : CHECK GROUND CIRCUIT OF ECM.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal

(B84) No. 20 — Chassis ground:



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

YES : Go to step **8C10**.

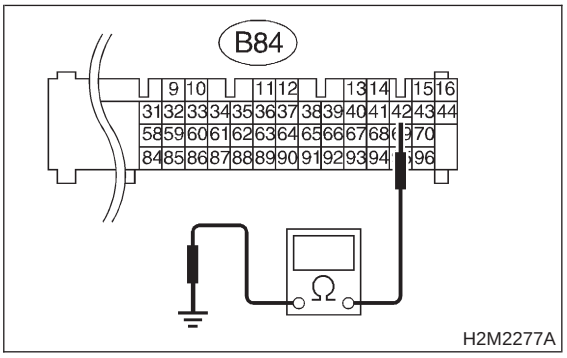
NO : Repair open circuit in harness between ECM connector and engine grounding terminal.

8C10 : CHECK GROUND CIRCUIT OF ECM.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal

(B84) No. 42 — Chassis ground:



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

YES : Go to step **8C11**.

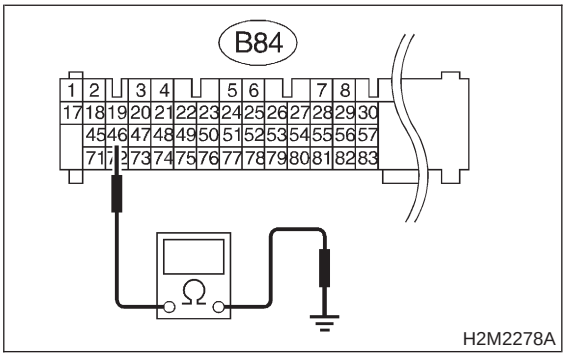
NO : Repair open circuit in harness between ECM connector and engine grounding terminal.

8C11 : CHECK GROUND CIRCUIT OF ECM.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal

(B84) No. 46 — Chassis ground:



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

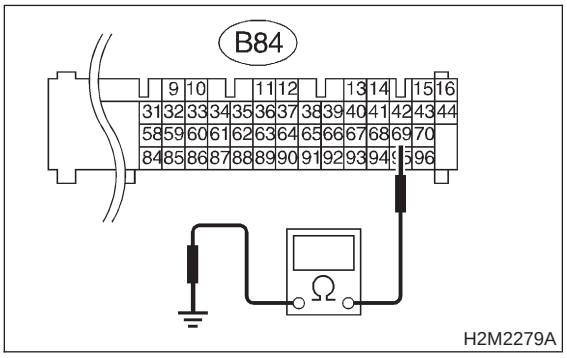
YES : Go to step **8C12**.

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

8C12 : CHECK GROUND CIRCUIT OF ECM.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal
(B84) No. 69 — Chassis ground:

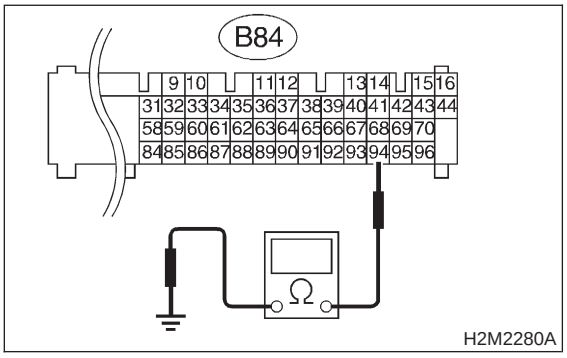


CHECK : ***Is the resistance less than 5 Ω?***
YES : Go to step **8C13**.
NO : Repair open circuit in harness between ECM connector and engine grounding terminal.

8C13 : CHECK GROUND CIRCUIT OF ECM.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal
(B84) No. 94 — Chassis ground:

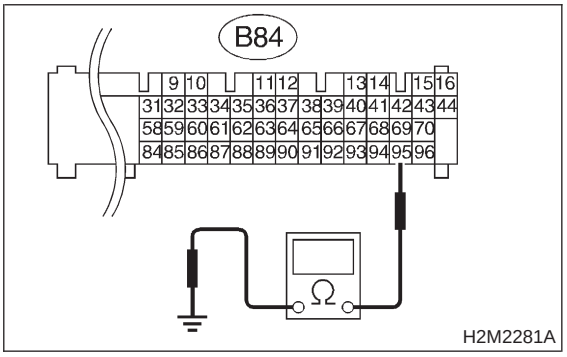


CHECK : ***Is the resistance less than 5 Ω?***
YES : Go to step **8C14**.
NO : Repair open circuit in harness between ECM connector and engine grounding terminal.

8C14 : CHECK GROUND CIRCUIT OF ECM.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal
(B84) No. 95 — Chassis ground:

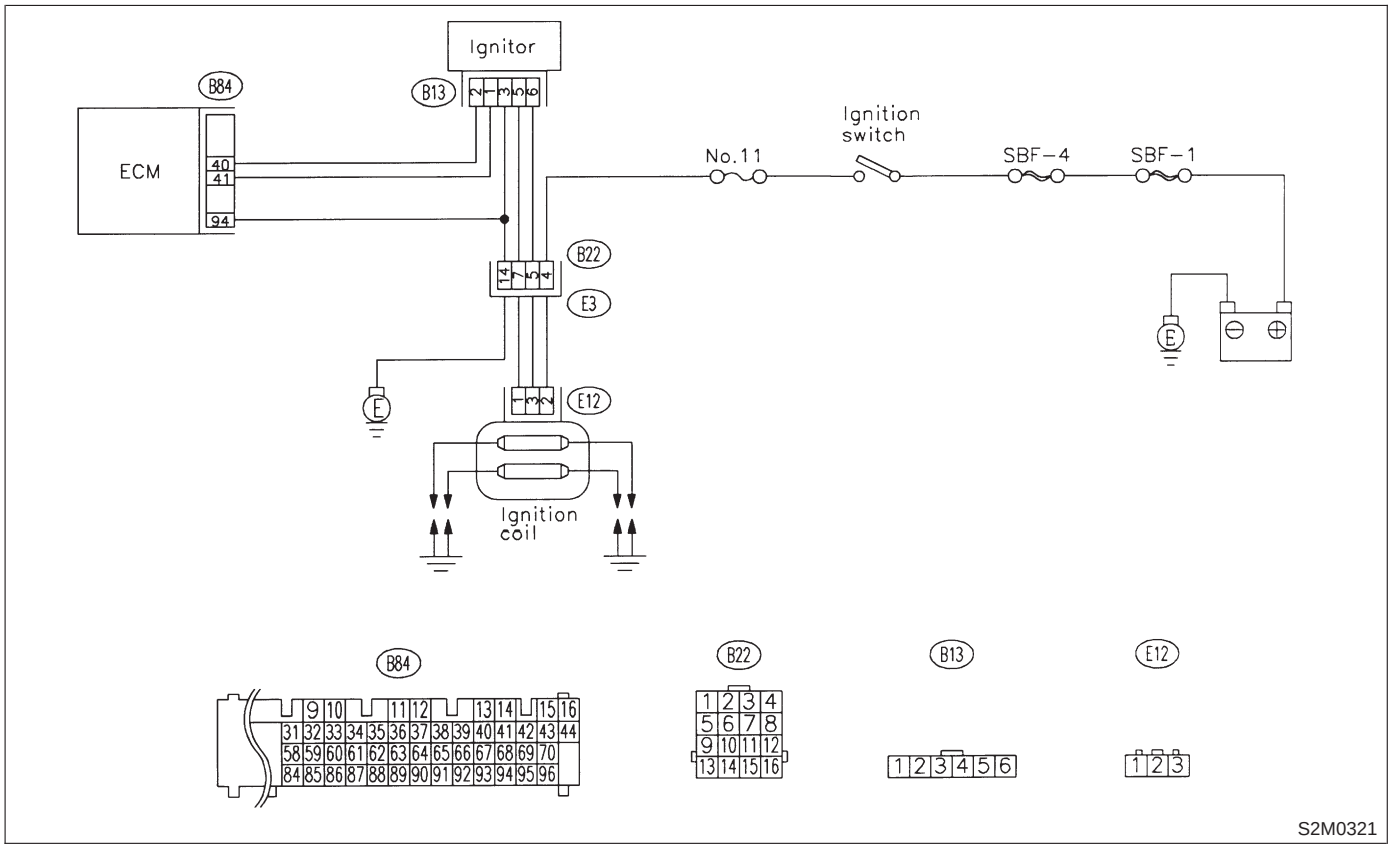


CHECK : ***Is the resistance less than 5 Ω?***
YES : Check ignition control system. <Ref. to 2-7 [T8D0].>
NO : Repair open circuit in harness between ECM connector and engine grounding terminal.

D: IGNITION CONTROL SYSTEM

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

- **WIRING DIAGRAM:**

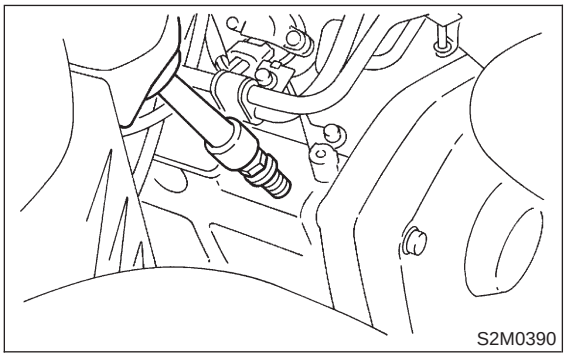


8D1 : CHECK IGNITION SYSTEM FOR SPARKS.

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.

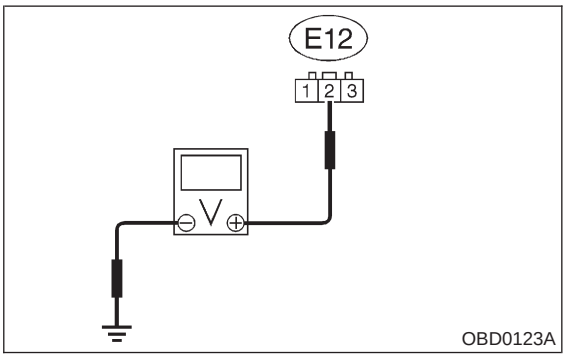


CHECK : ***Does spark occur at each cylinder?***
YES : Check fuel pump system. <Ref. to 2-7 [T8E0].>
NO : Go to step **8D2**.

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.

Connector & terminal
(E12) No. 2 (+) — Engine ground (−):



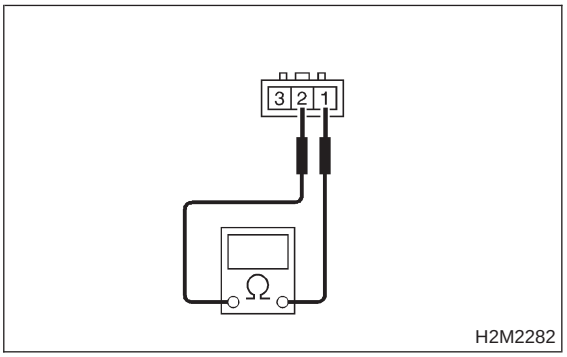
CHECK : ***Is the voltage more than 10 V?***
YES : Go to step **8D3**.
NO : Repair harness and connector.

NOTE:
In this case, repair the following:
- Open circuit in harness between ignition coil and ignition switch connector
- Poor contact in coupling connector (B22)

8D3 : CHECK IGNITION COIL.

Measure resistance between ignition coil terminals to check primary coil.

Terminals
No. 2 — No. 1:

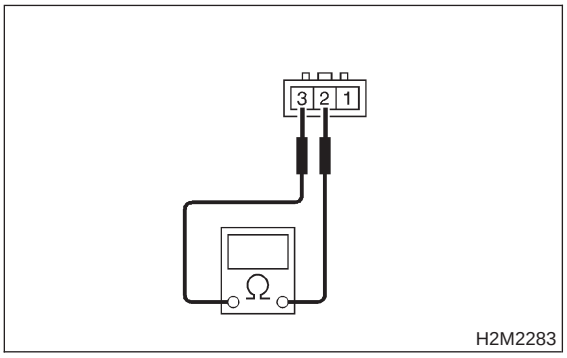


CHECK : ***Is the resistance between 0.4 and 1.0 Ω?***
YES : Go to step **8D4**.
NO : Replace ignition coil.

8D4 : CHECK IGNITION COIL.

Measure resistance between ignition coil terminals to check primary coil.

Terminals
No. 2 — No. 3:

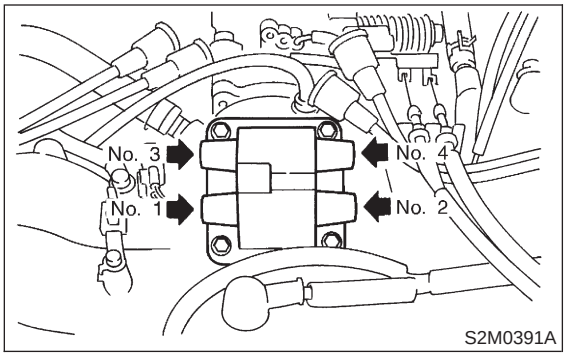


CHECK : ***Is the resistance between 0.4 and 1.0 Ω?***
YES : Go to step **8D5**.
NO : Replace ignition coil.

8D5 : CHECK IGNITION COIL.

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

Terminals
No. 1 — No. 2:

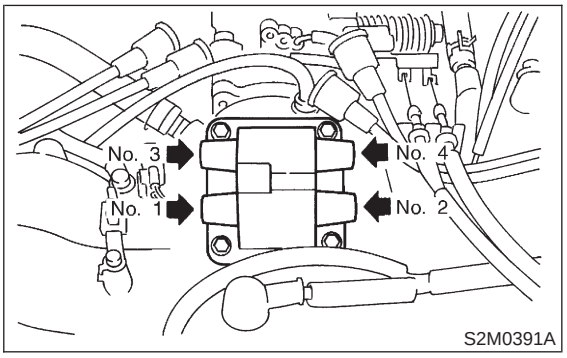


CHECK : ***Is the resistance between 10 and 15 Ω?***
YES : Go to step **8D6**.
NO : Replace ignition coil.

8D6 : CHECK IGNITION COIL.

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

Terminals
No. 3 — No. 4:

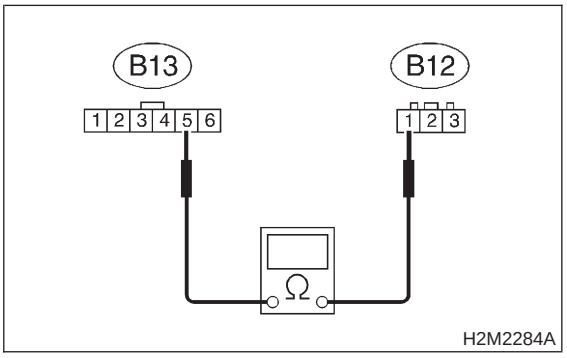


CHECK : ***Is the resistance between 10 and 15 Ω?***
YES : Go to step **8D7**.
NO : Replace ignition coil.

8D7 : CHECK HARNESS BETWEEN IGNITOR AND IGNITION COIL CONNECTOR.

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

Connector & terminal
(B13) No. 5 — (E12) No. 1:

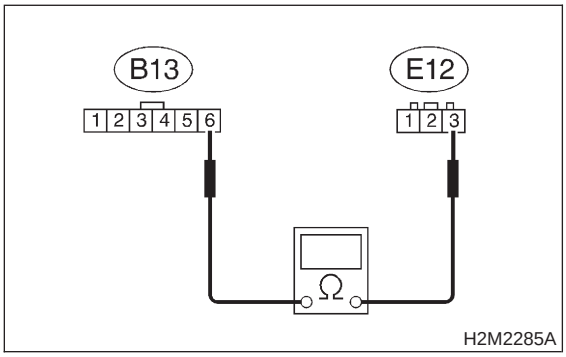


CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8D8**.
NO : Go to step **8D9**.

8D8 : CHECK HARNESS BETWEEN IGNITOR AND IGNITION COIL CONNECTOR.

Measure resistance of harness between ignition coil and ignitor connector.

Connector & terminal
(B13) No. 6 — (E12) No. 3:



CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8D10**.
NO : Go to step **8D9**.

8D9 : CHECK POOR CONTACT.

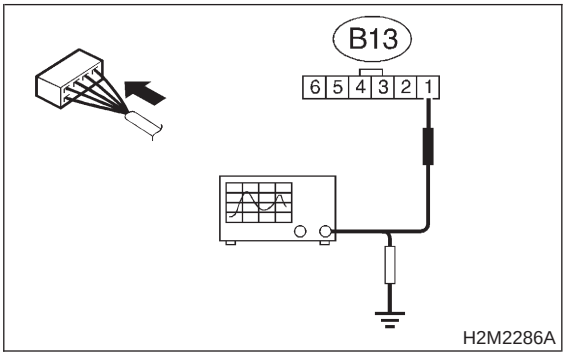
Check poor contact in coupling connector (B22). <Ref. to FOREWORD [T3C1].>

CHECK : ***Is there poor contact in coupling connector (B22)?***
YES : Repair poor contact in coupling connector (B22).
NO : Repair open circuit in harness between ignition coil and ignitor connector.

8D10 : CHECK INPUT SIGNAL FOR IGNITOR.

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

Connector & terminal:
(B13) No. 1 (+) — Engine ground (−):

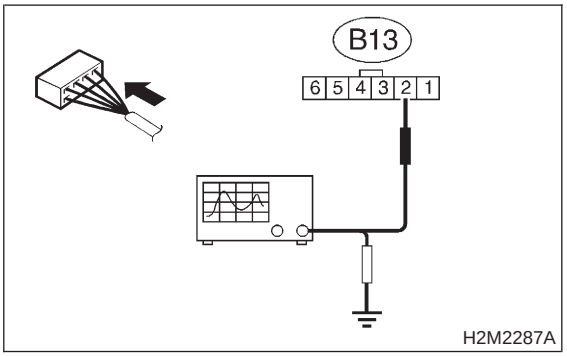


CHECK : ***Is the voltage more than 10 V?***
YES : Go to step **8D11**.
NO : Replace ignitor.

8D11 : CHECK INPUT SIGNAL FOR IGNITOR.

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

Connector & terminal:
(B13) No. 2 (+) — Engine ground (−):

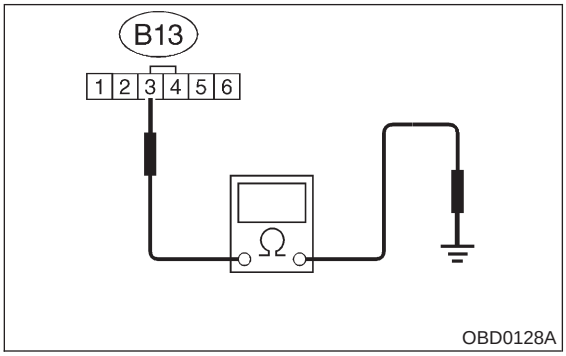


CHECK : ***Is the voltage more than 10 V?***
YES : Go to step **8D12**.
NO : Replace ignitor.

8D12 : CHECK HARNESS OF IGNITOR GROUND CIRCUIT.

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

Connector & terminal
(B13) No. 3 — Engine ground:



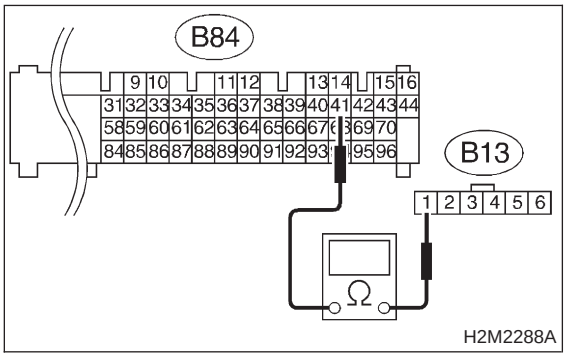
CHECK : ***Is the resistance less than 5 Ω?***
YES : Go to step **8D13**.
NO : Repair harness and connector.

NOTE:
In this case, repair the following:
- Open circuit in harness between ignitor connector and engine grounding terminal
- Poor contact in coupling connector (B22)

8D13 : CHECK HARNESS BETWEEN ECM AND IGNITOR CONNECTOR.

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

Connector & terminal
(B84) No. 41 — (B13) No. 1:

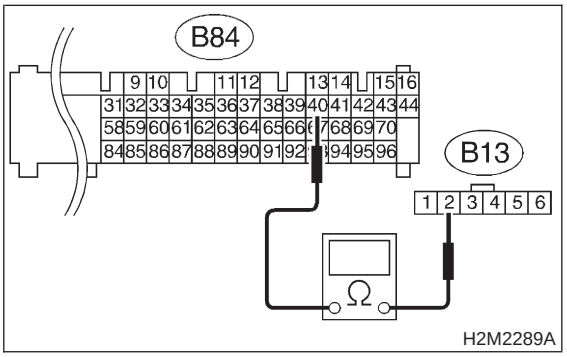


CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8D14**.
NO : Repair open circuit in harness between ECM and ignitor connector.

8D14 : CHECK HARNESS BETWEEN ECM AND IGNITOR CONNECTOR.

Measure resistance of harness between ECM and ignitor connector.

Connector & terminal
(B84) No. 40 — (B13) No. 2:

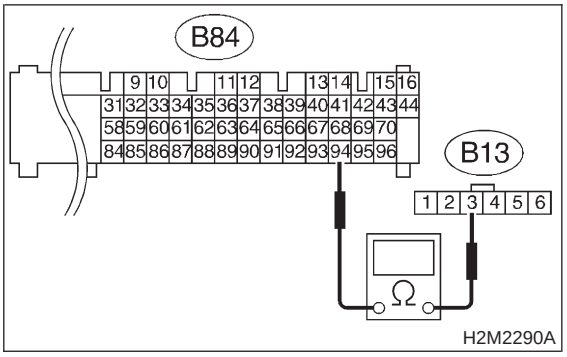


CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8D15**.
NO : Repair open circuit in harness between ECM and ignitor connector.

8D15 : CHECK HARNESS BETWEEN ECM AND IGNITOR CONNECTOR.

Measure resistance of harness between ECM and ignitor connector.

Connector & terminal
(B84) No. 94 — (B13) No. 3:

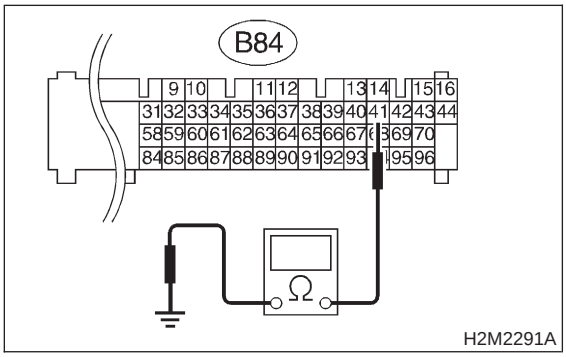


CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8D16**.
NO : Repair open circuit in harness between ECM and ignitor connector.

8D16 : CHECK HARNESS BETWEEN ECM AND IGNITOR CONNECTOR.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal
(B84) No. 41 — Chassis ground:

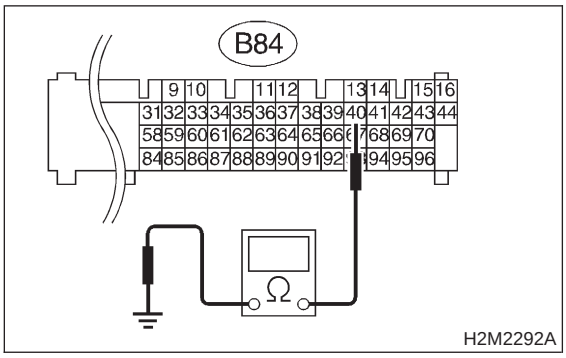


CHECK : ***Is the resistance more than 1 MΩ?***
YES : Go to step **8D17**.
NO : Repair ground short circuit in harness between ECM and ignitor connector.

8D17 : CHECK HARNESS BETWEEN ECM AND IGNITOR CONNECTOR.

Measure resistance of harness between ECM and chassis ground.

Connector & terminal
(B84) No. 40 — Chassis ground:



CHECK : ***Is the resistance more than 1 MΩ?***
YES : Go to step **8D18**.
NO : Repair ground short circuit in harness between ECM and ignitor connector.

8D18 : CHECK POOR CONTACT.

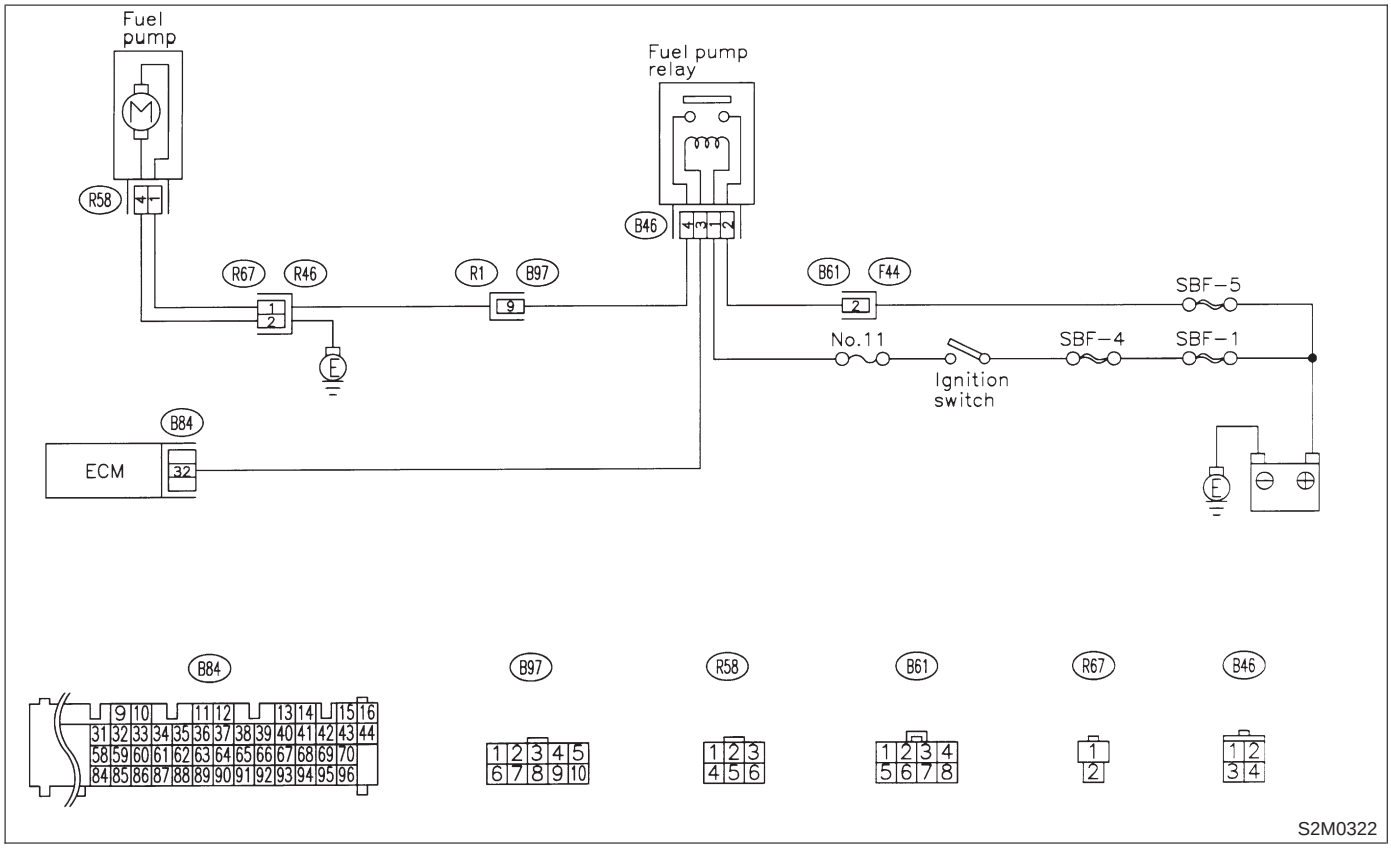
Check poor contact in ECM connector. <Ref. to FOREWORD [T3C1].>

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].>

E: FUEL PUMP CIRCUIT

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

- **WIRING DIAGRAM:**



8E1 : CHECK OPERATING SOUND OF FUEL PUMP.

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

NOTE:
Fuel pump operation check can also be executed using Subaru Select Monitor. For the procedure, refer to the “COMPULSORY VALVE OPERATION CHECK MODE”. <Ref. to 2-7 [T3F0].>

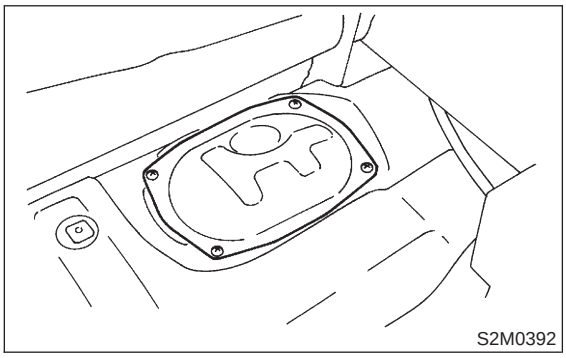
CHECK : ***Does fuel pump produce operating sound?***

YES : Check fuel injector circuit. <Ref. to 2-7 [T8F0].>

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

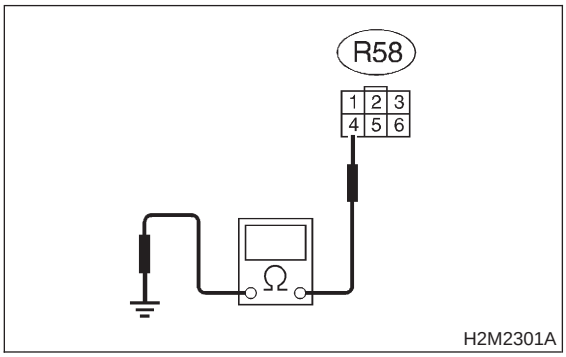
8E2 : CHECK GROUND CIRCUIT OF FUEL PUMP.

1) Turn ignition switch to OFF.
2) Remove fuel pump access hole lid located on the luggage compartment floor.



3) Disconnect connector from fuel pump.
4) Measure resistance of harness connector between fuel pump and chassis ground.

Connector & terminal
(R58) No. 4 — Chassis ground:



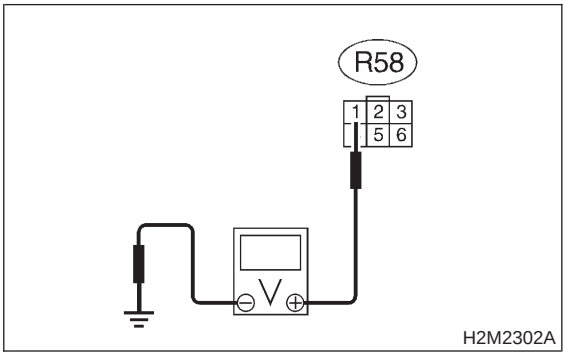
CHECK : ***Is the resistance less than 5 Ω?***
YES : Go to step **8E3**.
NO : Repair harness and connector.

NOTE:
In this case, repair the following:
- Open circuit in harness between fuel pump connector and chassis grounding terminal
- Poor contact in coupling connector (R15)

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.

Connector & terminal
(R58) No. 1 (+) — Chassis ground (−):

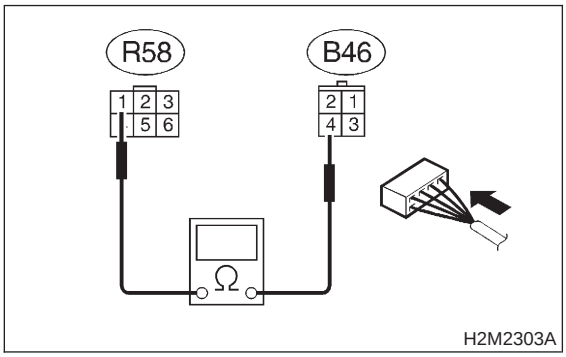


CHECK : ***Is the voltage more than 10 V?***
YES : Replace fuel pump.
NO : Go to step **8E4**.

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

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

Connector & terminal
(R58) No. 1 — (B46) No. 4:



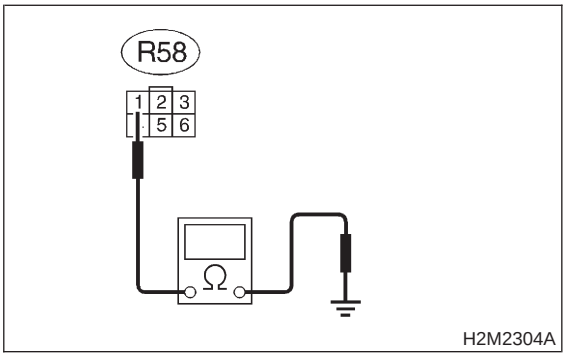
CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8E5**.
NO : Repair harness and connector.

NOTE:
In this case, repair the following:
● Open circuit in harness between fuel pump and fuel pump relay connector
● Poor contact in coupling connectors (R67 and B97)

8E5 : CHECK HARNESS BETWEEN FUEL PUMP AND FUEL PUMP RELAY CONNECTOR.

Measure resistance of harness between fuel pump and fuel pump relay connector.

Connector & terminal
(R58) No. 1 — Chassis ground:

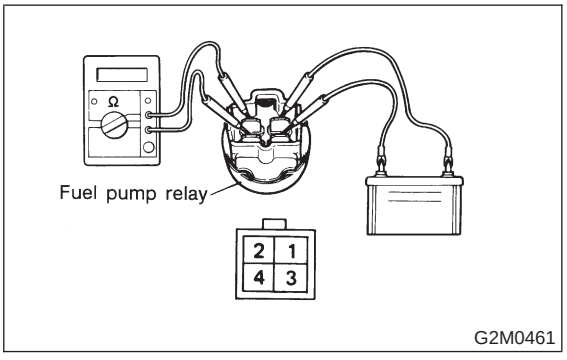


CHECK : ***Is the resistance more than 1 MΩ?***
YES : Go to step **8E6**.
NO : Repair ground short circuit in harness between fuel pump and fuel pump relay connector.

8E6 : CHECK FUEL PUMP RELAY.

1) Disconnect connector from fuel pump relay.
2) Remove fuel pump relay from 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.

Terminals
No. 2 — No. 4:

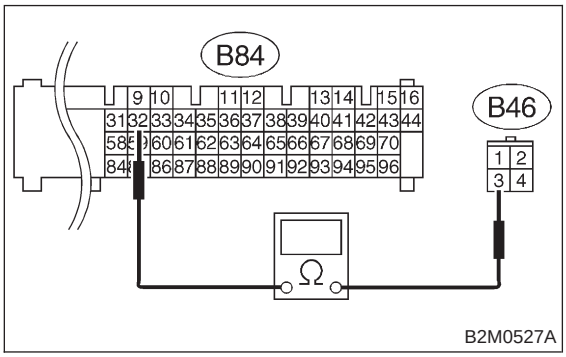


CHECK : ***Is the resistance less than 10 Ω?***
YES : Go to step **8E7**.
NO : Replace fuel pump relay.

8E7 : 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.

Connector & terminal
(B84) No. 32 — (B46) No. 3:



CHECK : ***Is the resistance less than 1 Ω?***
YES : Go to step **8E8**.
NO : Repair open circuit in harness between ECM and fuel pump relay connector.

8E8 : CHECK POOR CONTACT.

Check poor contact in ECM connector. <Ref. to FOREWORD [T3C1].>

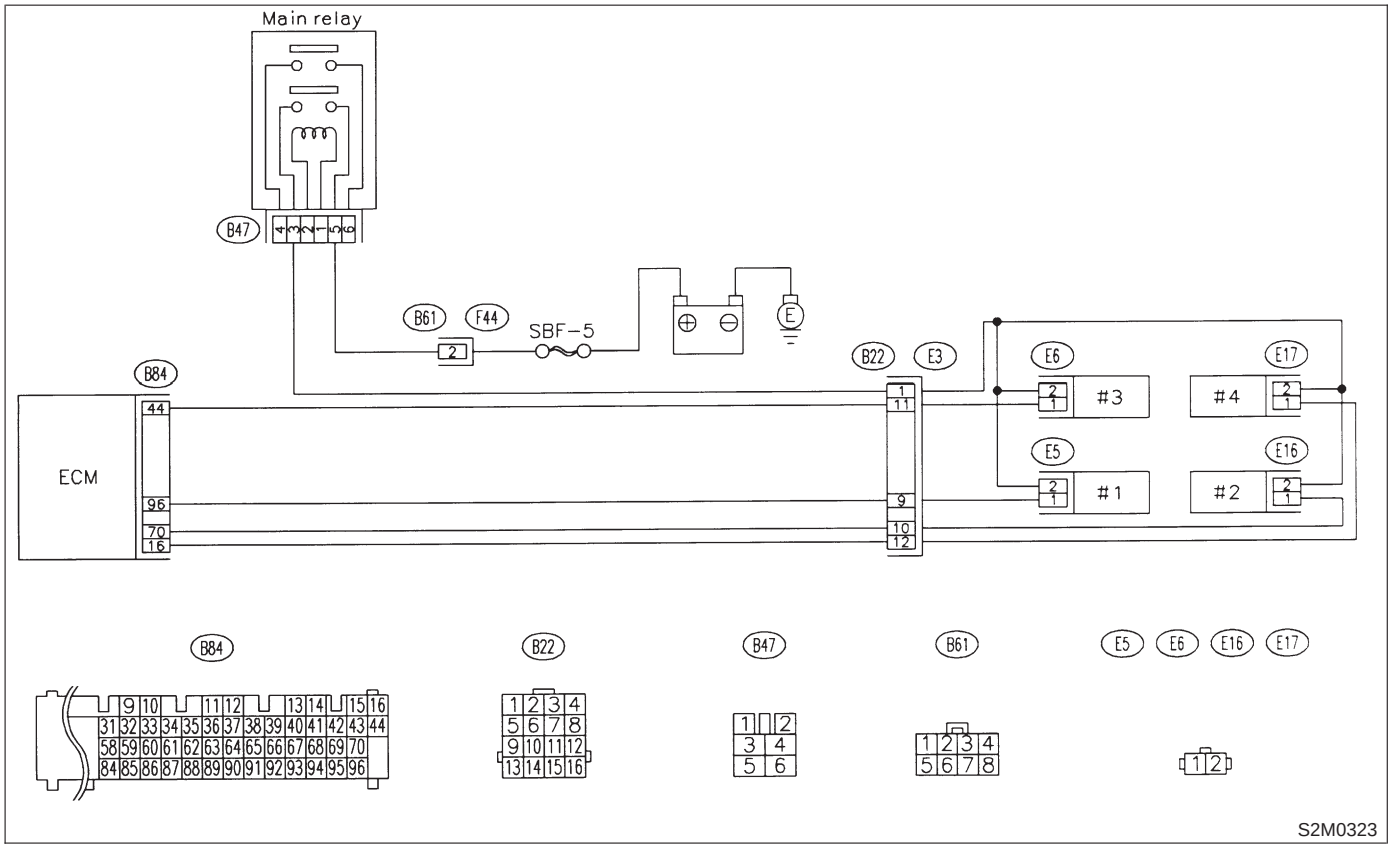
CHECK : ***Is there poor contact in ECM connector?***
YES : Repair poor contact in ECM connector.
NO : Check fuel injector circuit. <Ref. to 2-7 [T8F0].>

F: FUEL INJECTOR CIRCUIT

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 <Ref. to 2-7 [T10AE0].>

- **WIRING DIAGRAM:**

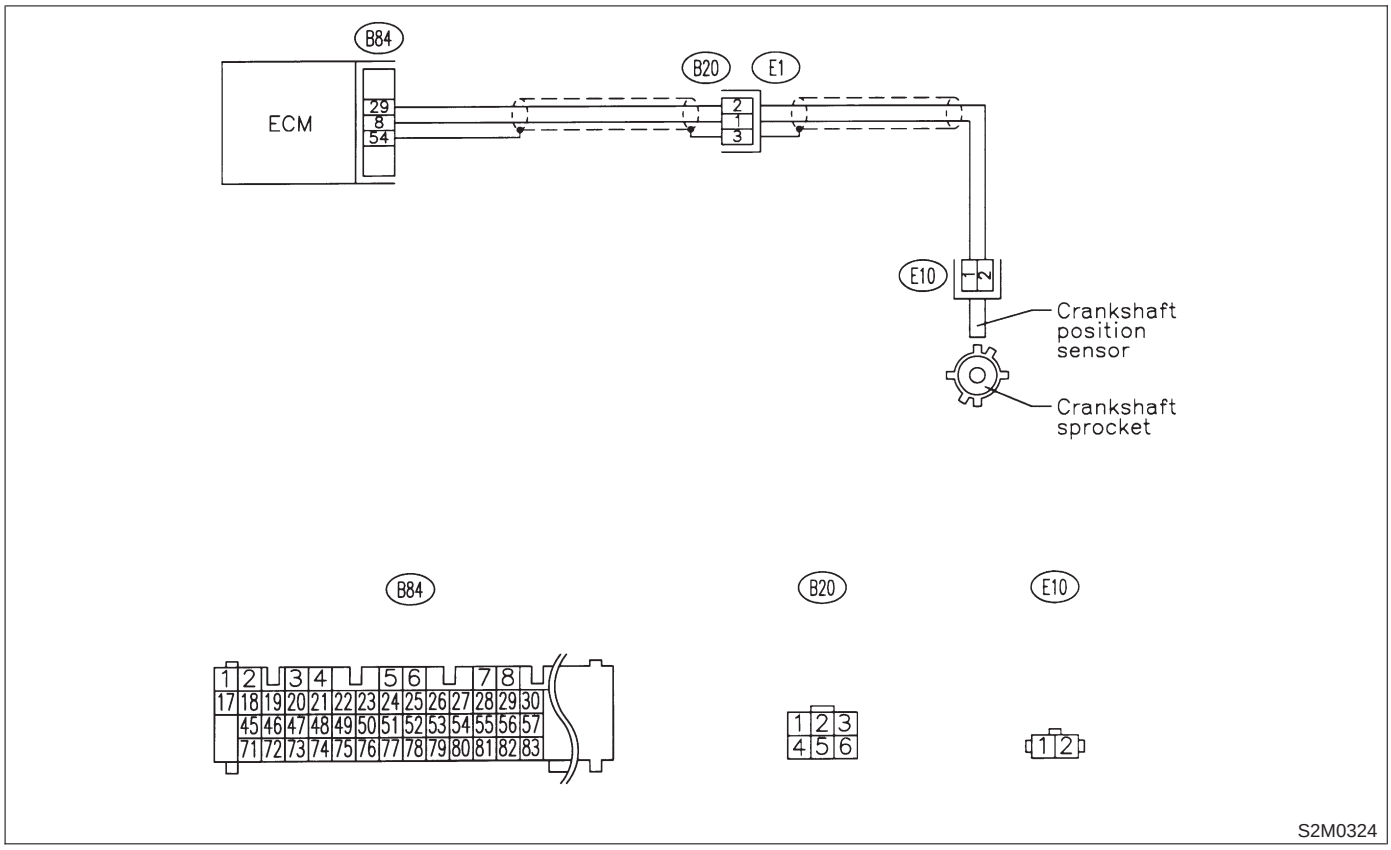


G: CRANKSHAFT POSITION SENSOR CIRCUIT

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].>

- **WIRING DIAGRAM:**



H: CAMSHAFT POSITION SENSOR CIRCUIT

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].>

- **WIRING DIAGRAM:**