

11. Diagnostics Chart with Trouble Code

A: DIAGNOSTIC TROUBLE CODE (DTC) LIST

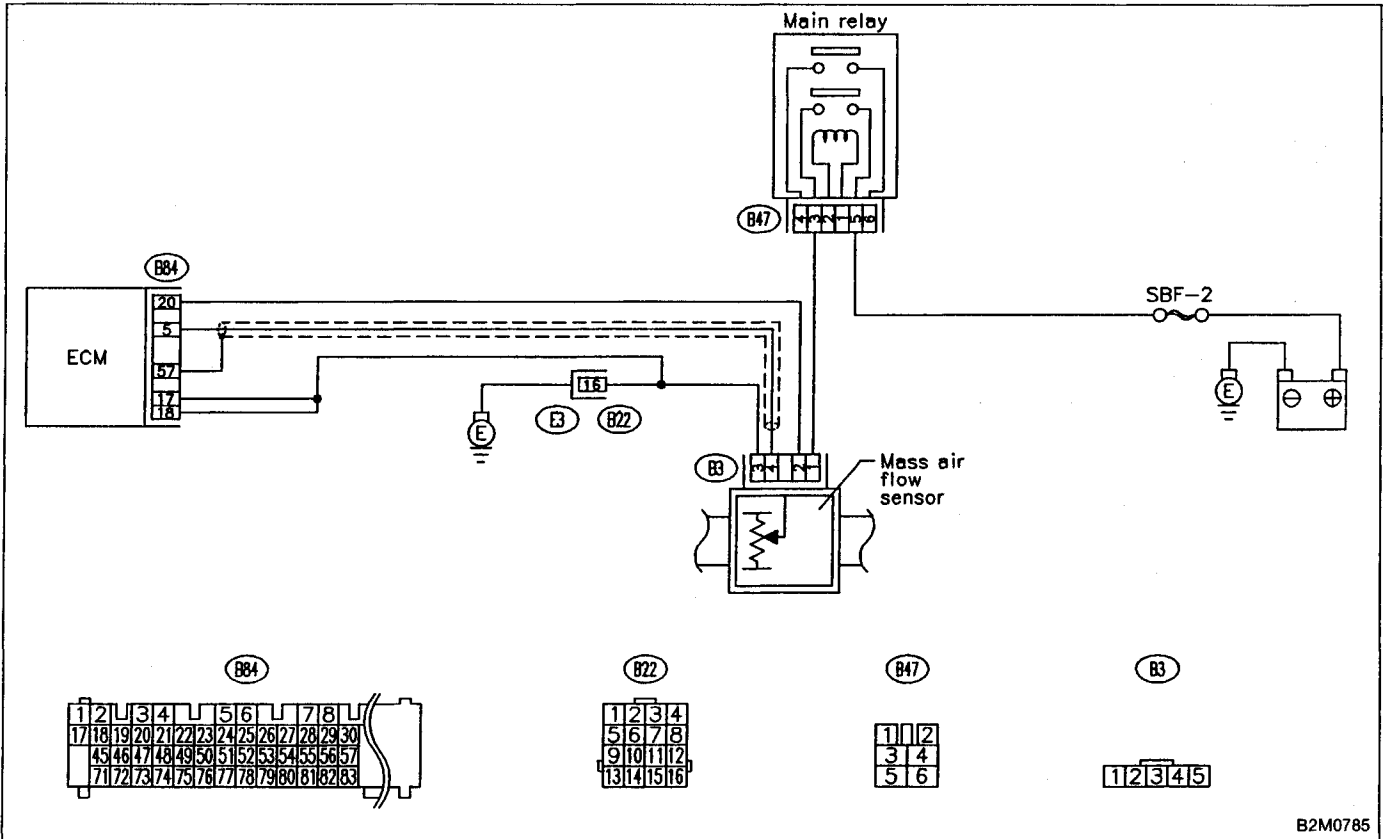
DTC No.	Abbreviation (Subaru select monitor)	Item	Page
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B: DTC P0100

— MASS AIR FLOW SENSOR CIRCUIT MALFUNCTION (QA) —

WIRING DIAGRAM:



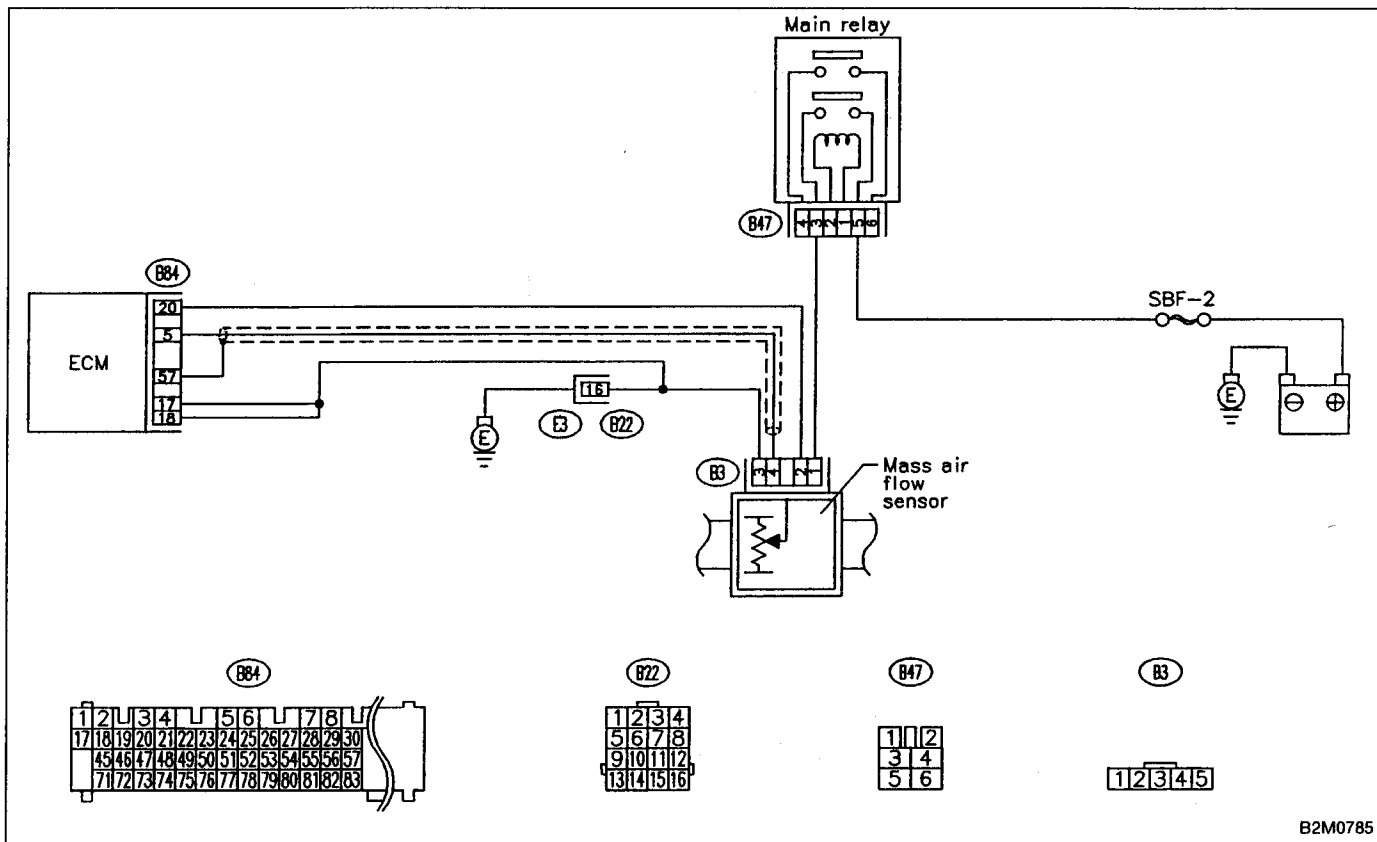
B2M0785

NOTE:

For the diagnostic procedure on mass air flow sensor circuit malfunction (DTC P0100), refer to 2-7 [T10B0]☆2.

C: DTC P0101
— MASS AIR FLOW SENSOR CIRCUIT
RANGE/PERFORMANCE PROBLEM
(QA — R) —

WIRING DIAGRAM:



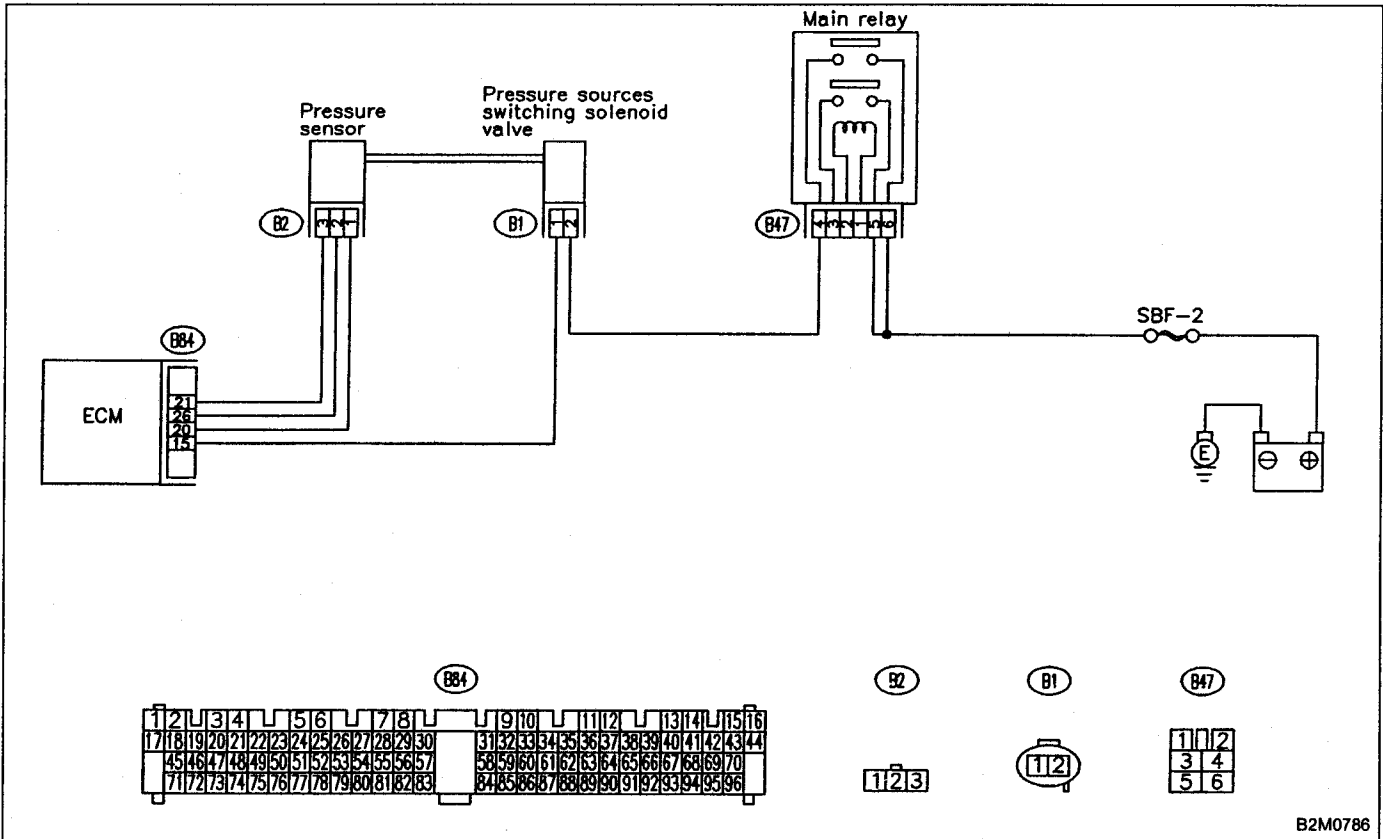
B2M0785

NOTE:

For the diagnostic procedure on mass air flow sensor circuit range/performance problem (DTC P0101), refer to 2-7 [T10C0]☆2.

E: DTC P0106
— PRESSURE SENSOR CIRCUIT
RANGE/PERFORMANCE PROBLEM (PS — R) —

WIRING DIAGRAM:

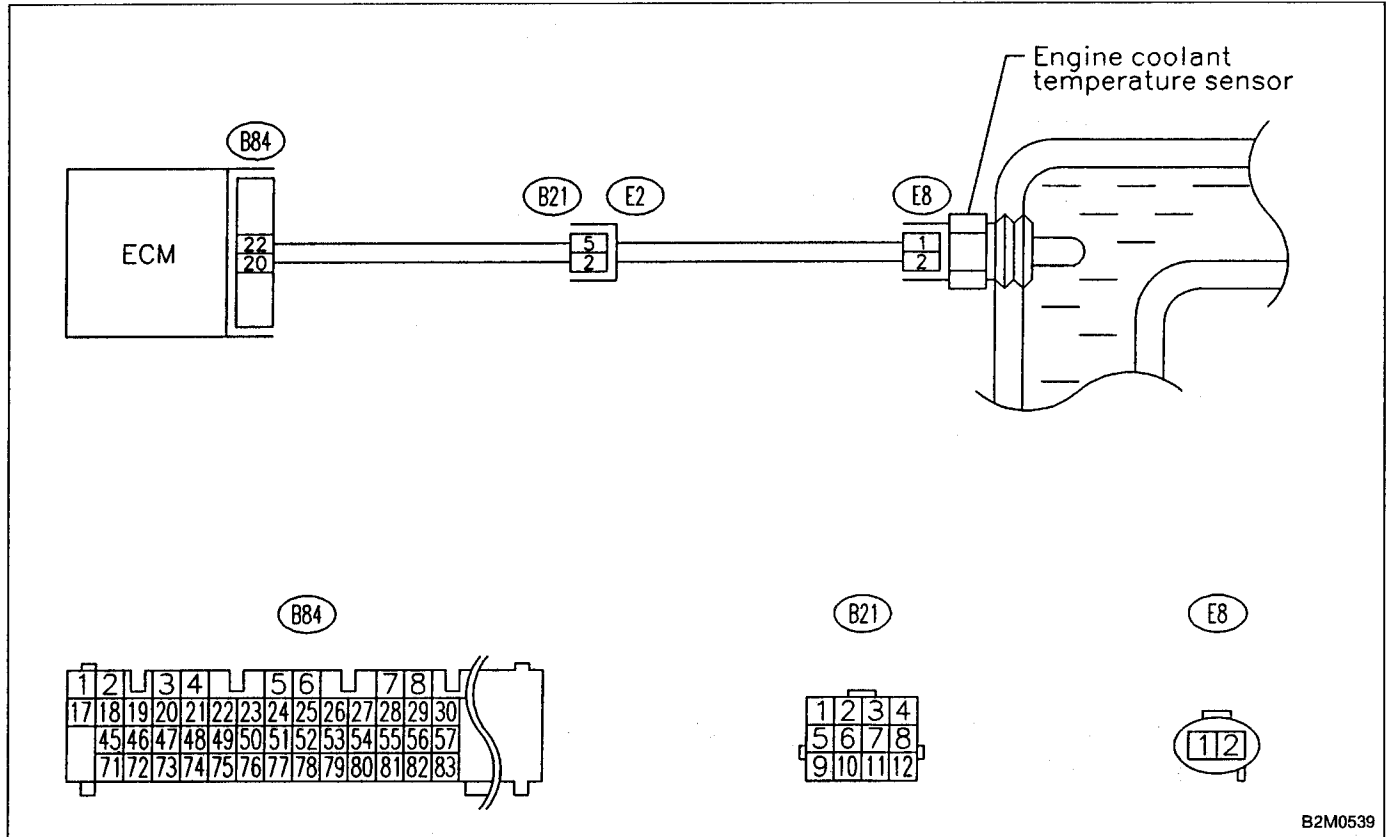


B2M0786

NOTE:
 For the diagnostic procedure on pressure sensor circuit range/performance problem (DTC P0106), refer to 2-7 [T10E0]☆2.

F: DTC P0115
— ENGINE COOLANT TEMPERATURE
SENSOR CIRCUIT MALFUNCTION (TW) —

WIRING DIAGRAM:

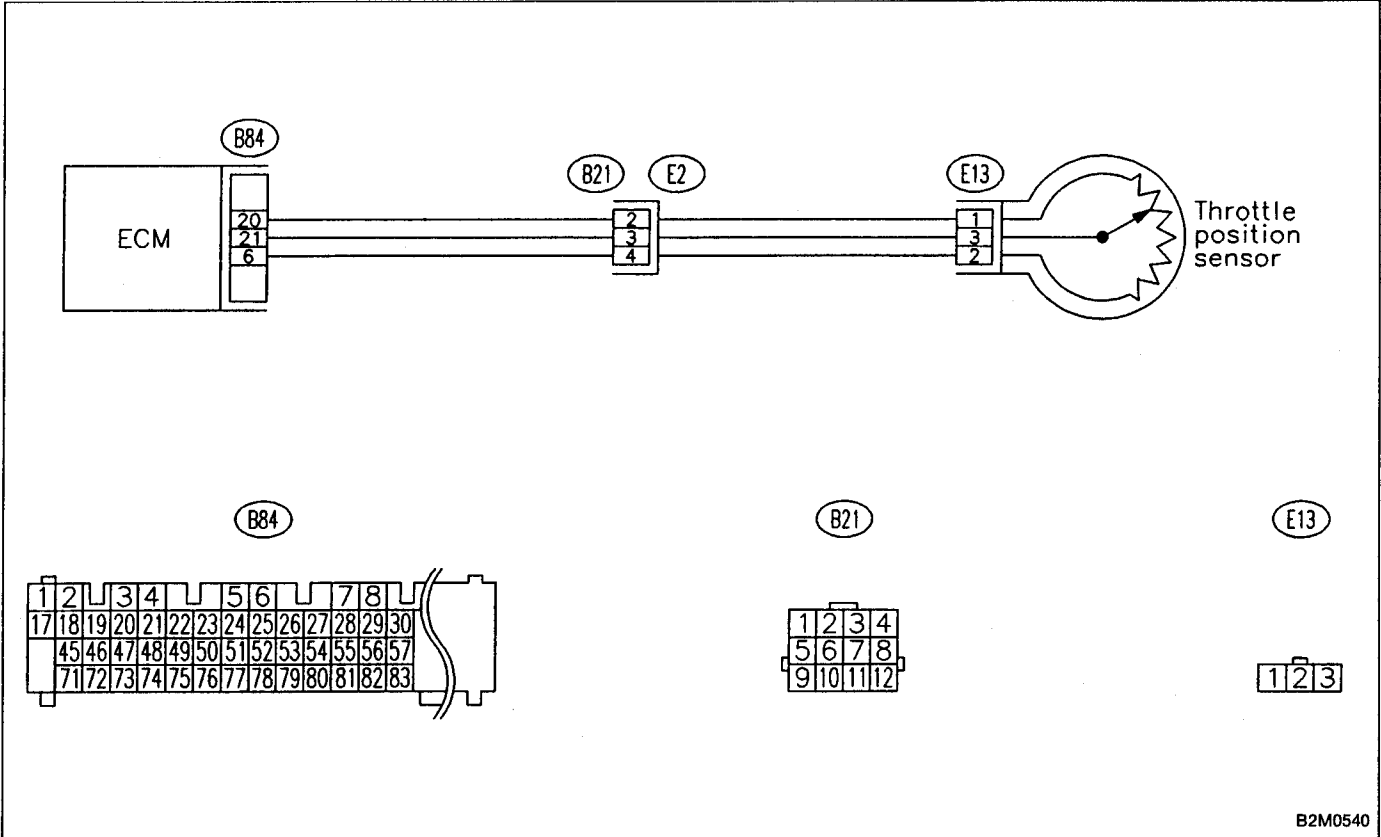


B2M0539

NOTE:
 For the diagnostic procedure on engine coolant temperature sensor circuit malfunction (DTC P0115), refer to 2-7 [T10F0]☆2.

G: DTC P0120
— THROTTLE POSITION SENSOR CIRCUIT
MALFUNCTION (THV) —

WIRING DIAGRAM:

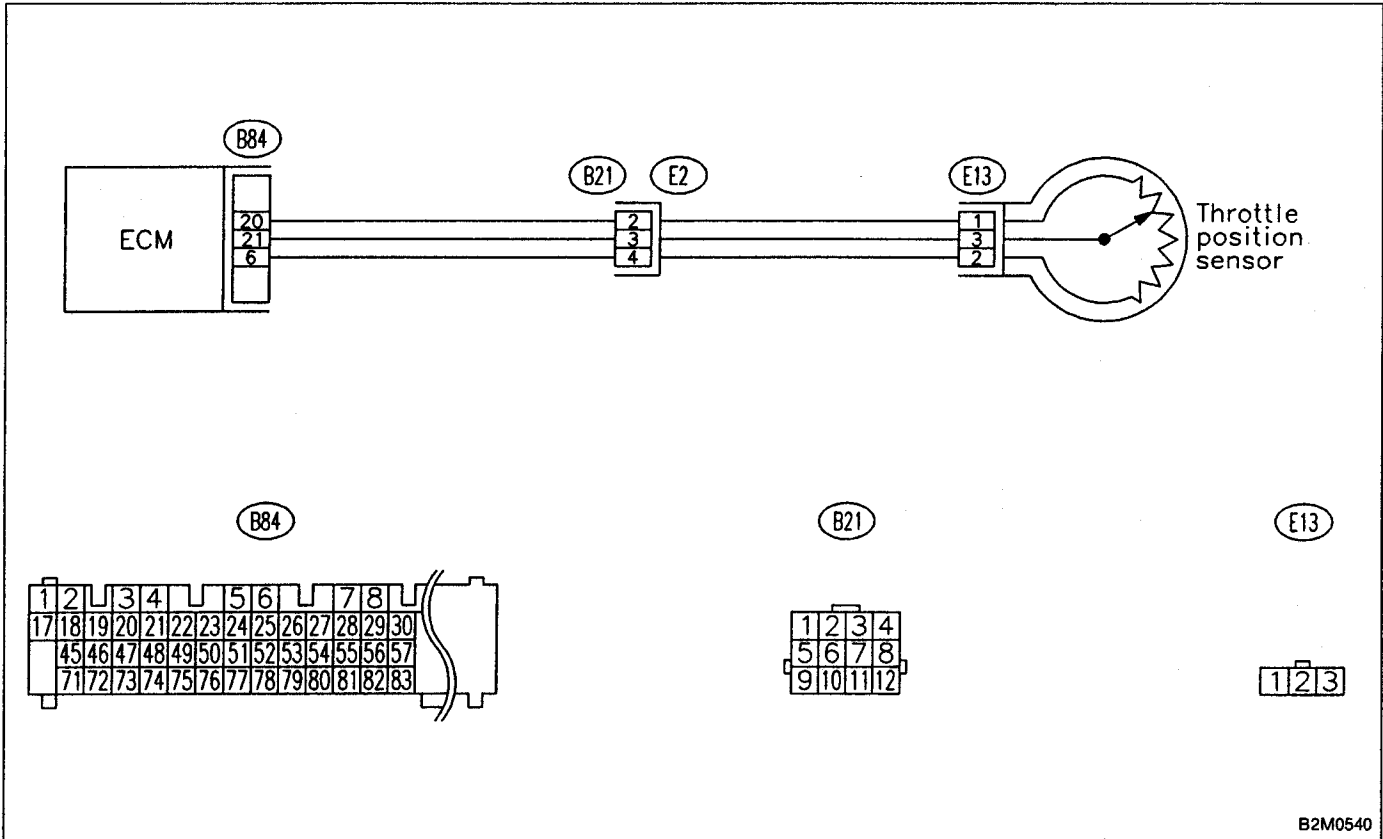


NOTE:

For the diagnostic procedure on throttle position sensor circuit malfunction (DTC P0120), refer to 2-7 [T10G0]☆2.

H: DTC P0121
— THROTTLE POSITION SENSOR CIRCUIT
RANGE/PERFORMANCE PROBLEM
(TH – R) —

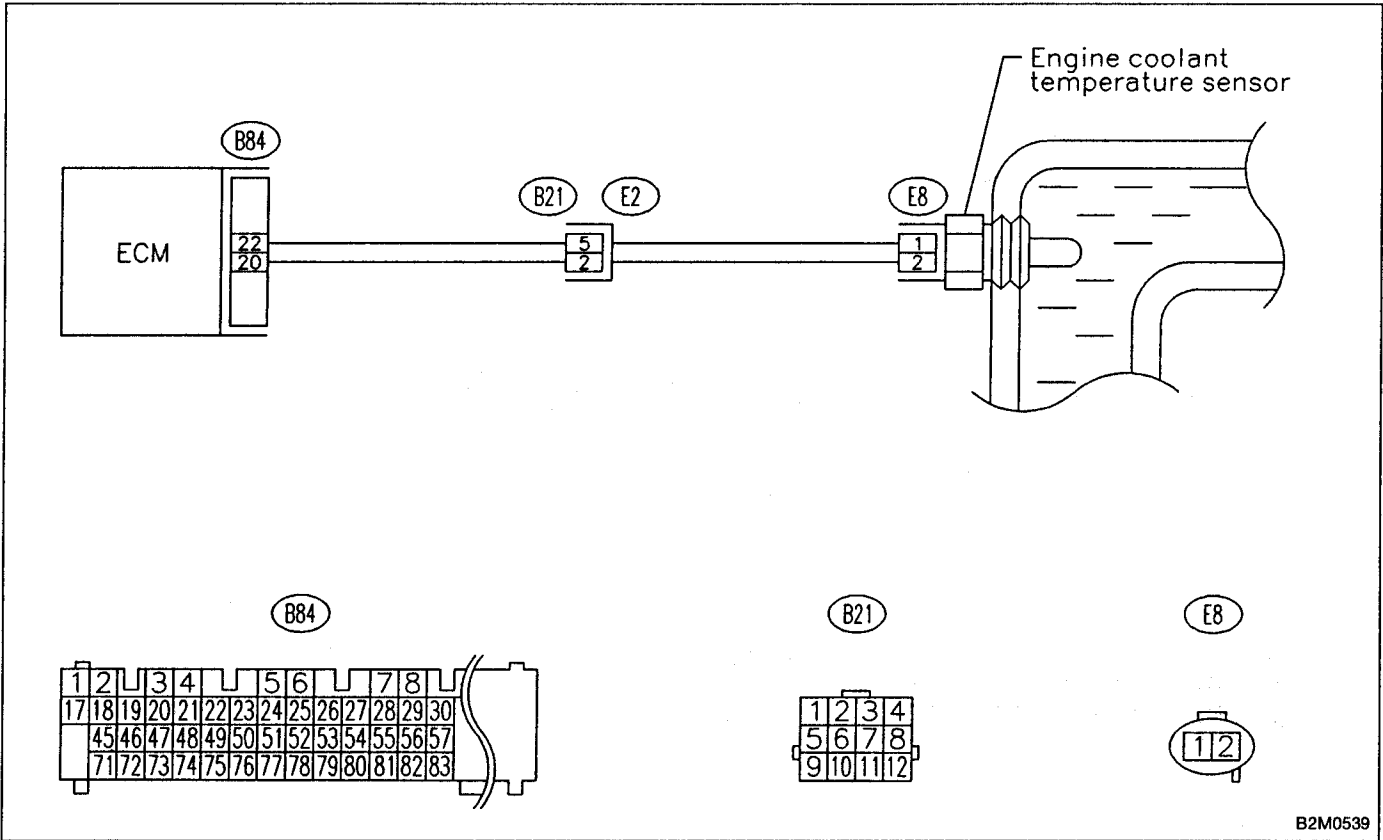
WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on throttle position sensor circuit range/performance problem (DTC P0121), refer to 2-7 [T10H0]☆2.

I: DTC P0125
— INSUFFICIENT COOLANT TEMPERATURE
FOR CLOSED LOOP FUEL CONTROL
(TW — CL) —

WIRING DIAGRAM:



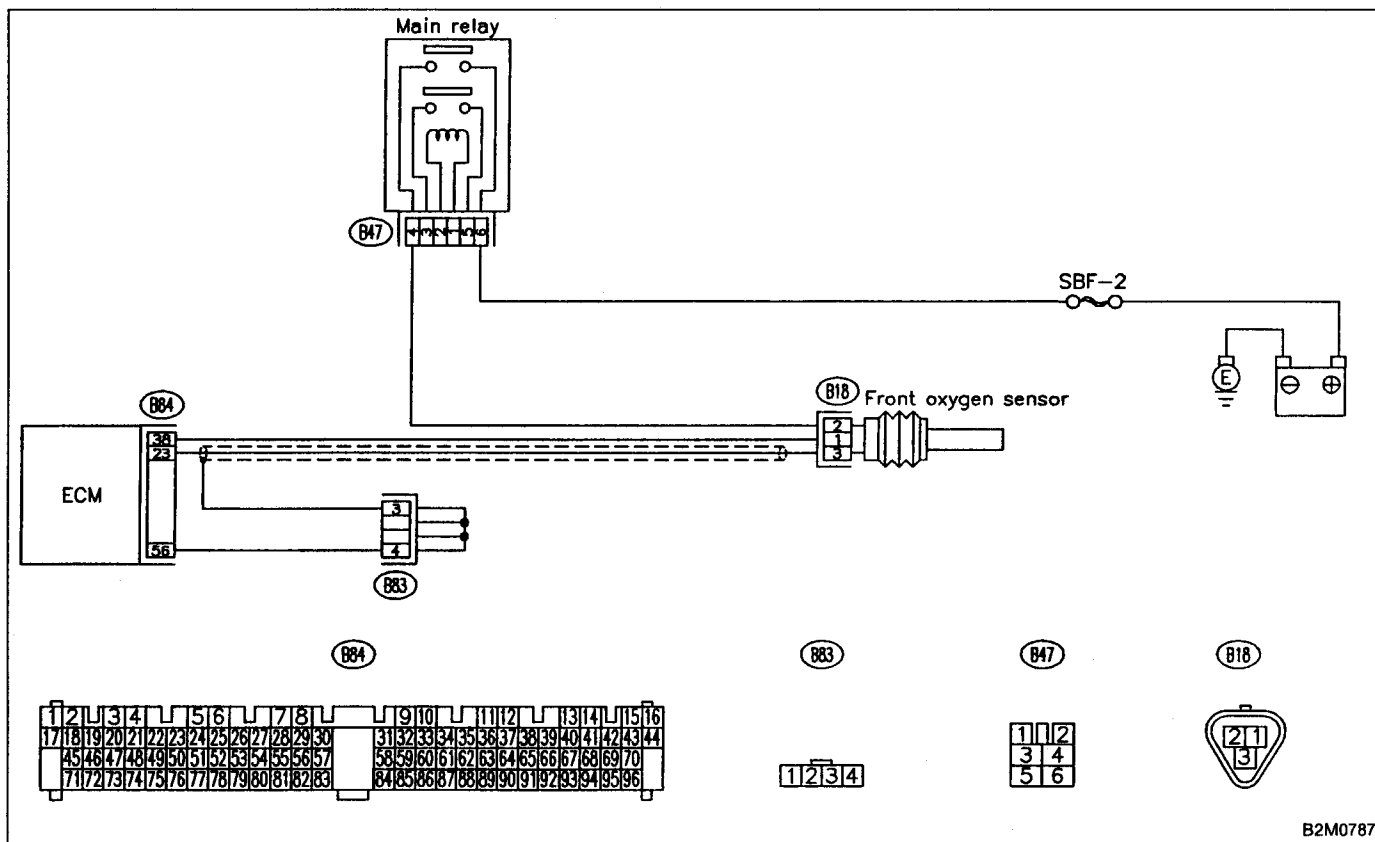
B2M0539

NOTE:

For the diagnostic procedure on insufficient coolant temperature for closed loop fuel control (DTC P0125), refer to 2-7 [T1010]☆2.

**J: DTC P0130
 — FRONT OXYGEN SENSOR CIRCUIT
 MALFUNCTION (FO2 — V) —**

WIRING DIAGRAM:

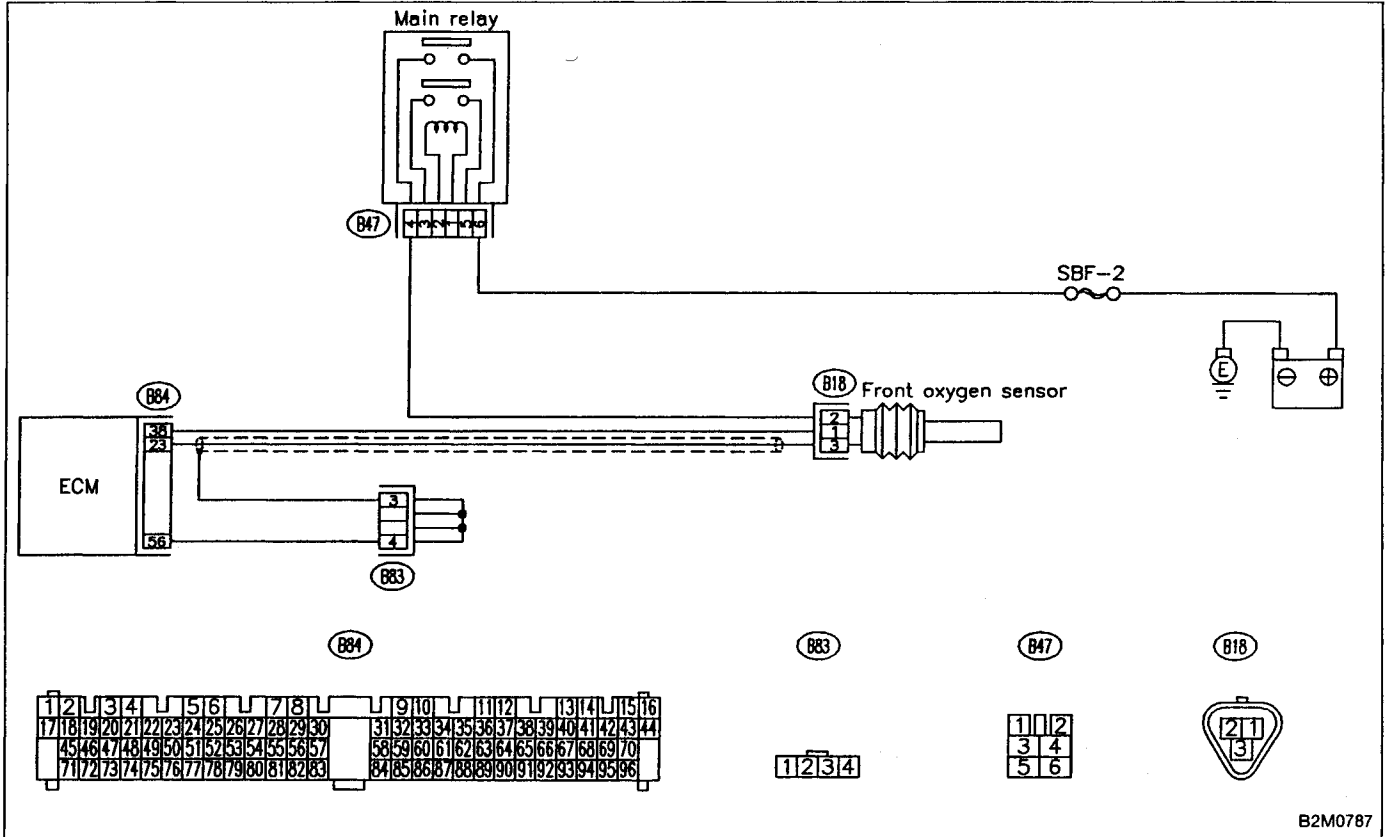


B2M0787

NOTE:
 For the diagnostic procedure on front oxygen sensor circuit malfunction (DTC P0130), refer to 2-7 [T10J0]☆2.

K: DTC P0133
— FRONT OXYGEN SENSOR CIRCUIT SLOW
RESPONSE (FO2 — R) —

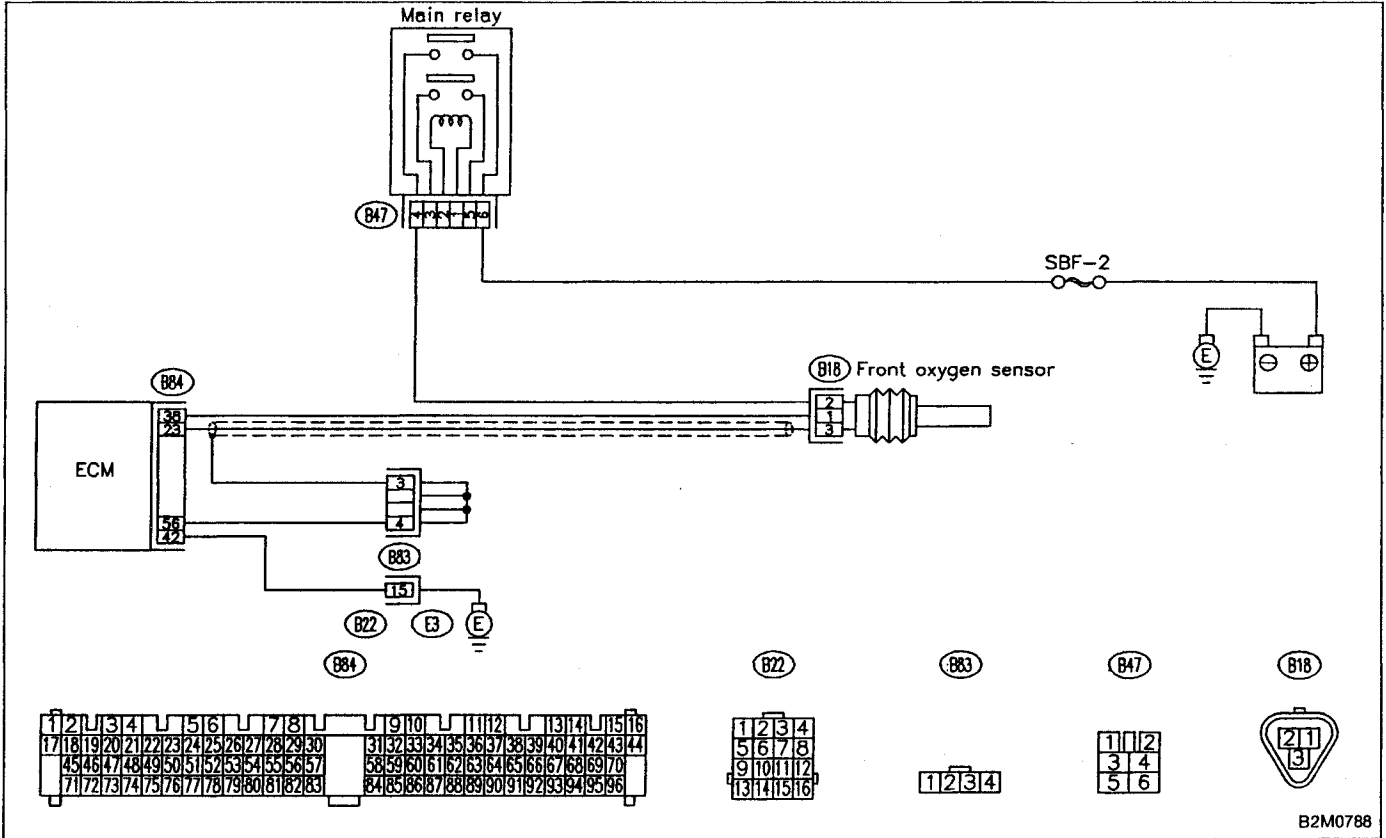
WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on front oxygen sensor circuit slow response (DTC P0133), refer to 2-7 [T10K0]☆2.

L: DTC P0135
— FRONT OXYGEN SENSOR HEATER CIRCUIT
MALFUNCTION (FO2H) —

WIRING DIAGRAM:

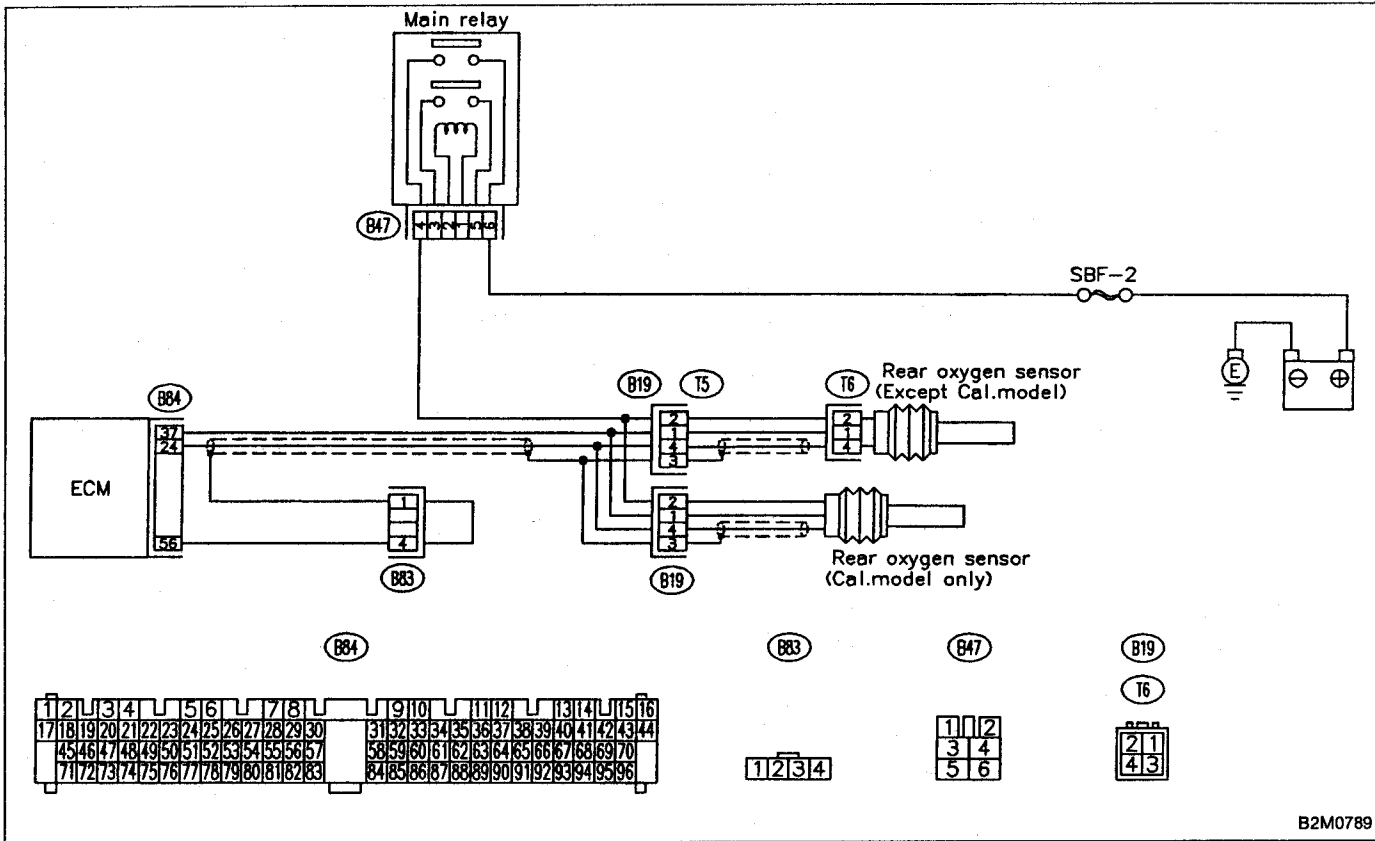


B2M0788

NOTE:
 For the diagnostic procedure on front oxygen sensor heater circuit malfunction (DTC P0135), refer to 2-7 [T10L0]☆2.

M: DTC P0136
— REAR OXYGEN SENSOR CIRCUIT
MALFUNCTION (RO2 — V) —

WIRING DIAGRAM:

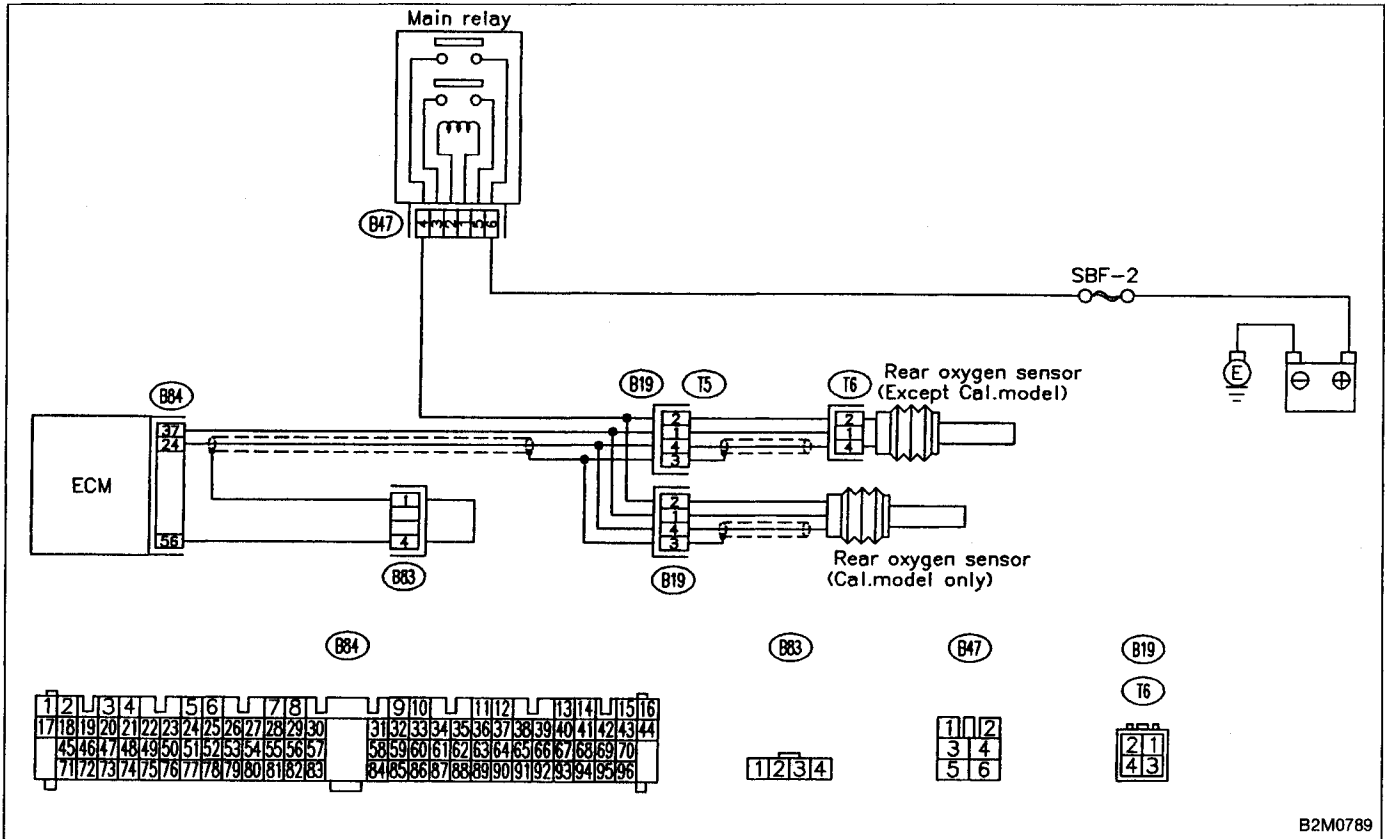


B2M0789

NOTE:
 For the diagnostic procedure on rear oxygen sensor circuit malfunction (DTC P0136), refer to 2-7 [T10M0]☆2.

N: DTC P0139
— REAR OXYGEN SENSOR CIRCUIT SLOW
RESPONSE (RO2 — R) —

WIRING DIAGRAM:

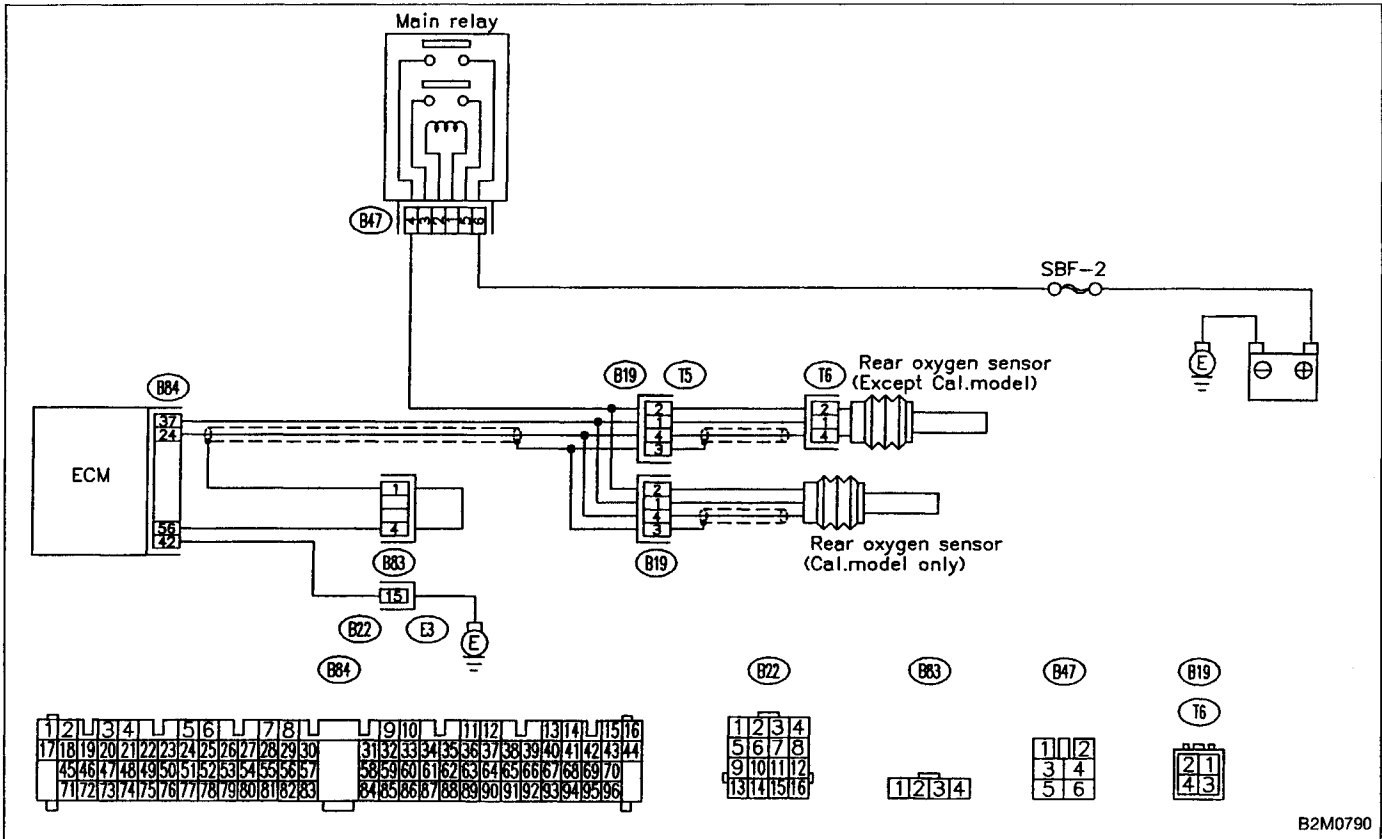


B2M0789

NOTE:
For the diagnostic procedure on rear oxygen sensor circuit slow response (DTC P0139), refer to 2-7 [T10N0]☆2.

O: DTC P0141
— REAR OXYGEN SENSOR HEATER CIRCUIT
MALFUNCTION (RO2H) —

WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on rear oxygen sensor heater circuit malfunction (DTC P0141), refer to 2-7 [T1000]☆2.

P: DTC P0170

— FUEL TRIM MALFUNCTION (FUEL) —

NOTE:

For the diagnostic procedure on fuel trim malfunction (DTC P0170), refer to 2-7 [T10P0]☆2.

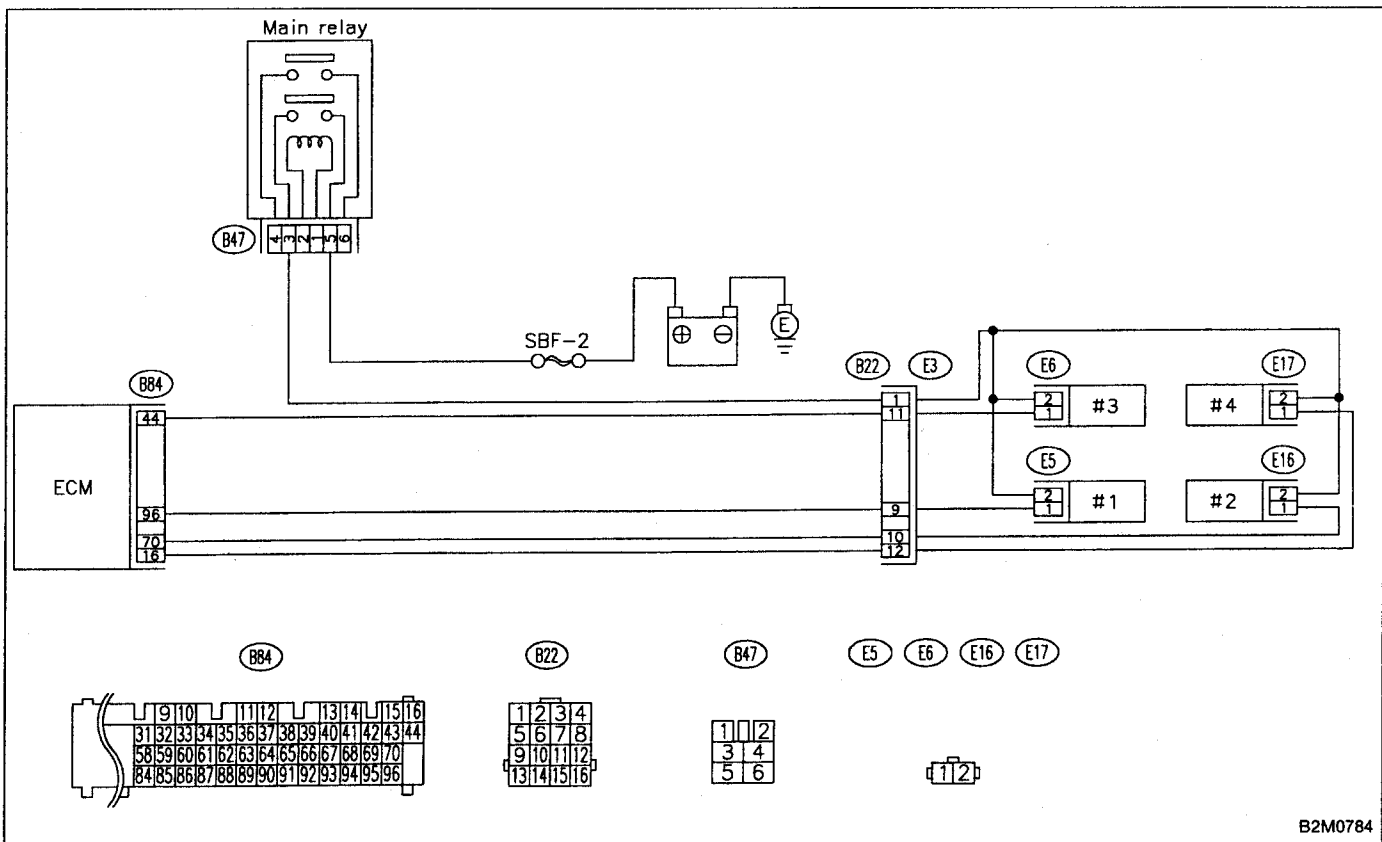
Q: DTC P0201
 — FUEL INJECTOR CIRCUIT MALFUNCTION -
 #1 (INJ1) —

R: DTC P0202
 — FUEL INJECTOR CIRCUIT MALFUNCTION -
 #2 (INJ2) —

S: DTC P0203
 — FUEL INJECTOR CIRCUIT MALFUNCTION -
 #3 (INJ3) —

T: DTC P0204
 — FUEL INJECTOR CIRCUIT MALFUNCTION -
 #4 (INJ4) —

WIRING DIAGRAM:



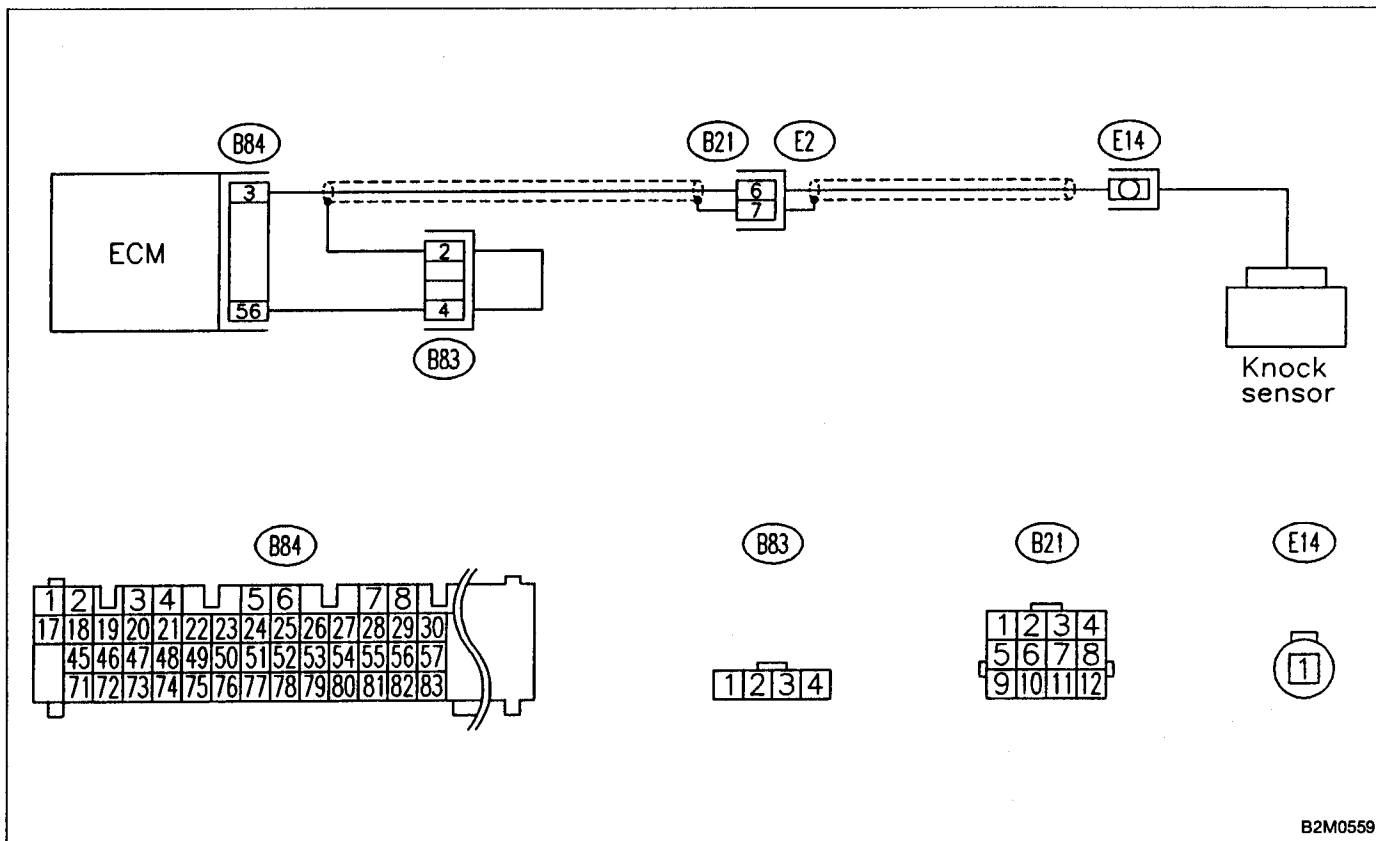
B2M0784

NOTE:

For the diagnostic procedure on fuel injector circuit malfunction — #1 (DTC P0201), #2 (DTC P0202), #3 (DTC P0203) and #4 (DTC P0204), refer to 2-7 [T10Q0, T10R0, T10S0 and T10T0]☆2.

Y: DTC P0325
— KNOCK SENSOR CIRCUIT MALFUNCTION
(KNOCK) —

WIRING DIAGRAM:

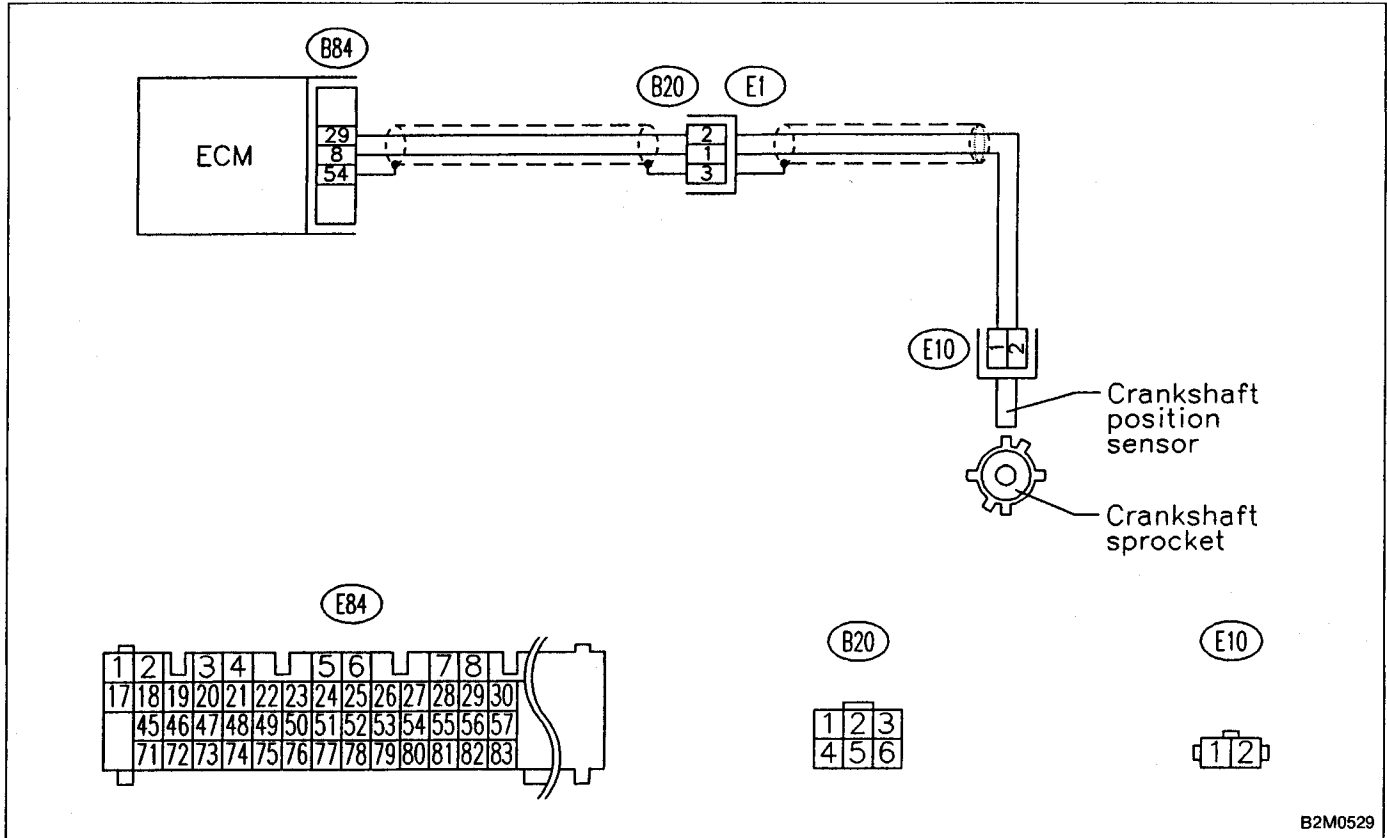


B2M0559

NOTE:
 For the diagnostic procedure on knock sensor circuit malfunction (DTC P0325), refer to 2-7 [T10Y0]☆2.

Z: DTC P0335
— CRANKSHAFT POSITION SENSOR CIRCUIT MALFUNCTION (CRANK) —

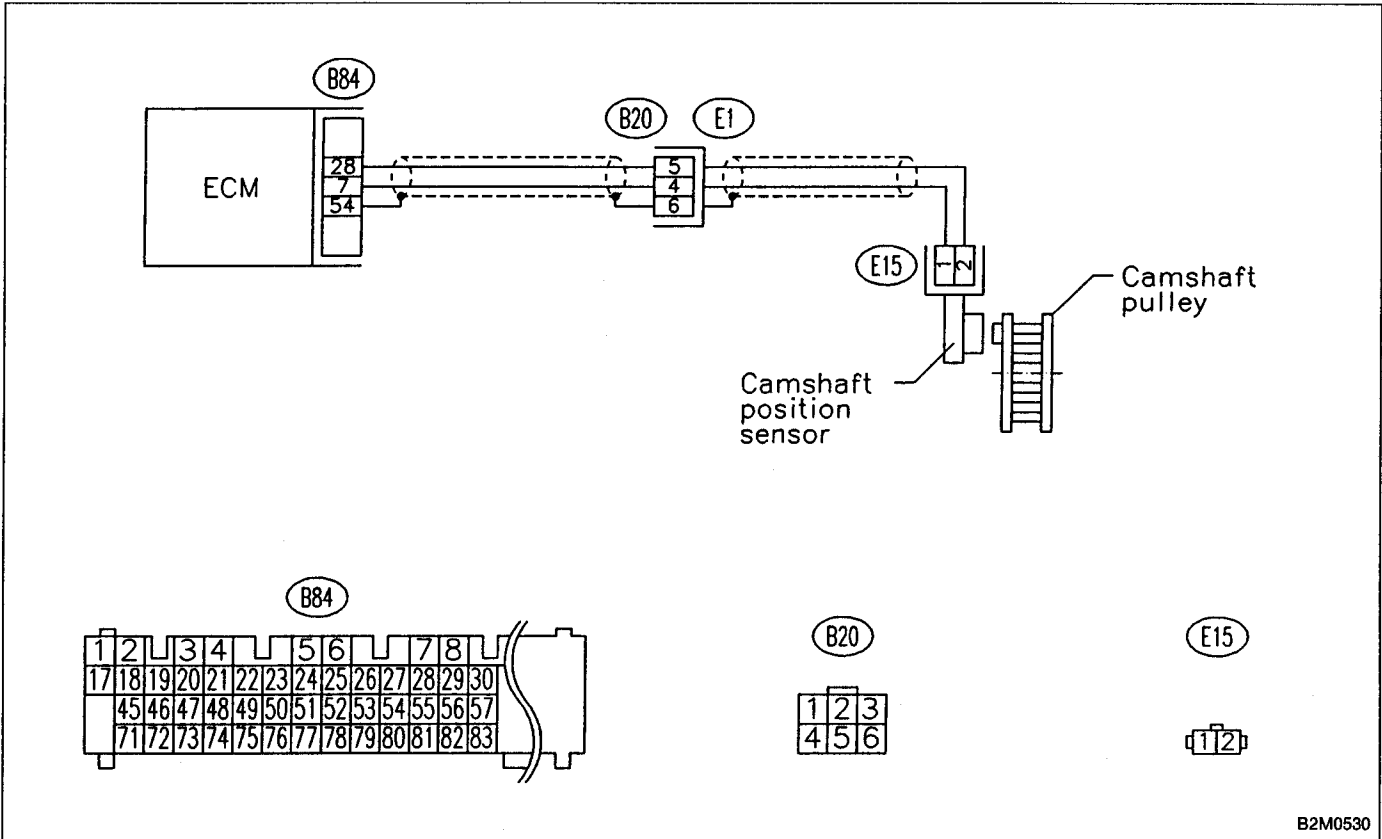
WIRING DIAGRAM:



NOTE:
For the diagnostic procedure on crankshaft position sensor circuit malfunction (DTC P0335), refer to 2-7 [T10Z0]☆2.

AA: DTC P0340
— CAMSHAFT POSITION SENSOR CIRCUIT
MALFUNCTION (CAM) —

WIRING DIAGRAM:

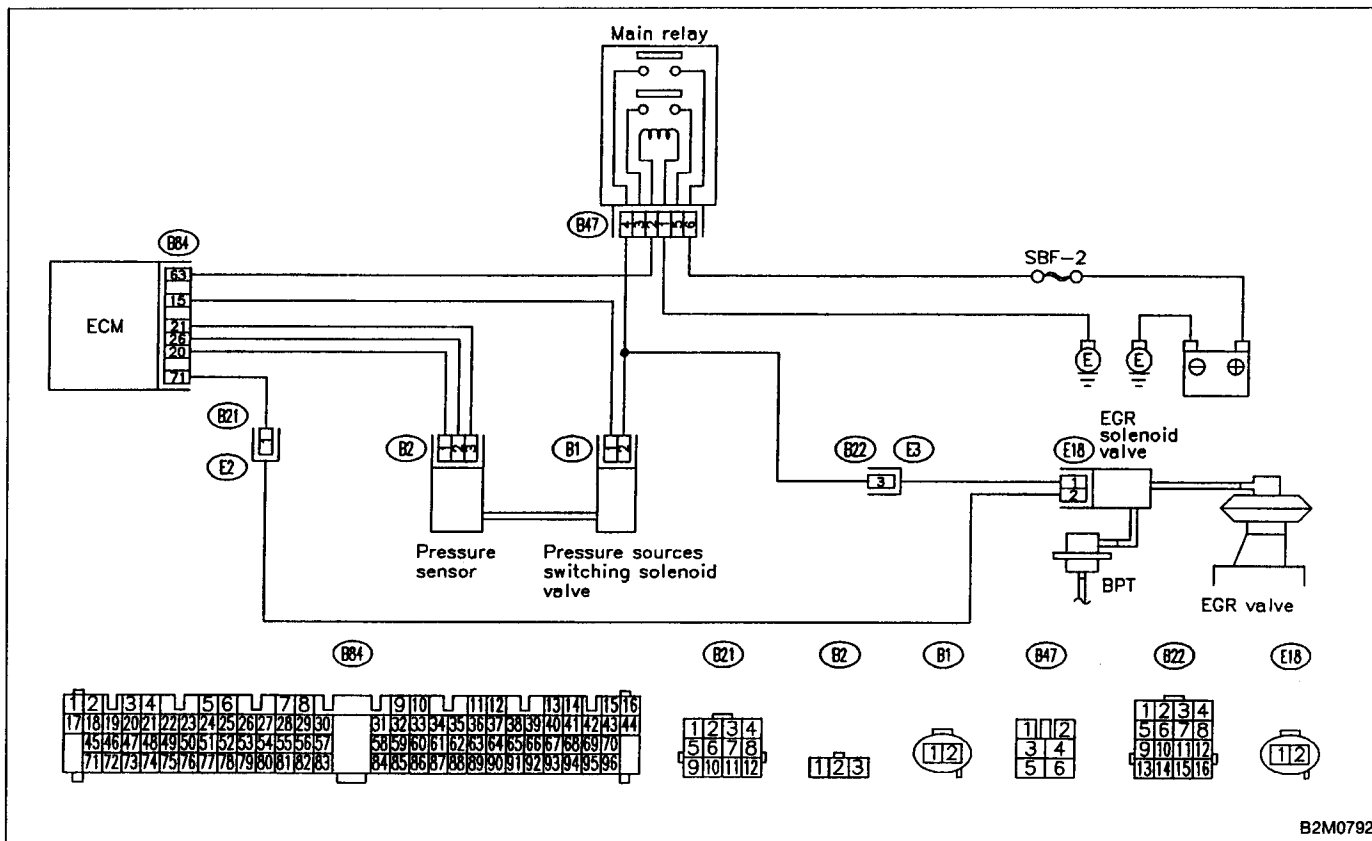


NOTE:

For the diagnostic procedure on camshaft position sensor malfunction (DTC P0340), refer to 2-7 [T10AA0]☆2.

AB: DTC P0400
— EXHAUST GAS RECIRCULATION FLOW
MALFUNCTION (EGR) —

WIRING DIAGRAM:

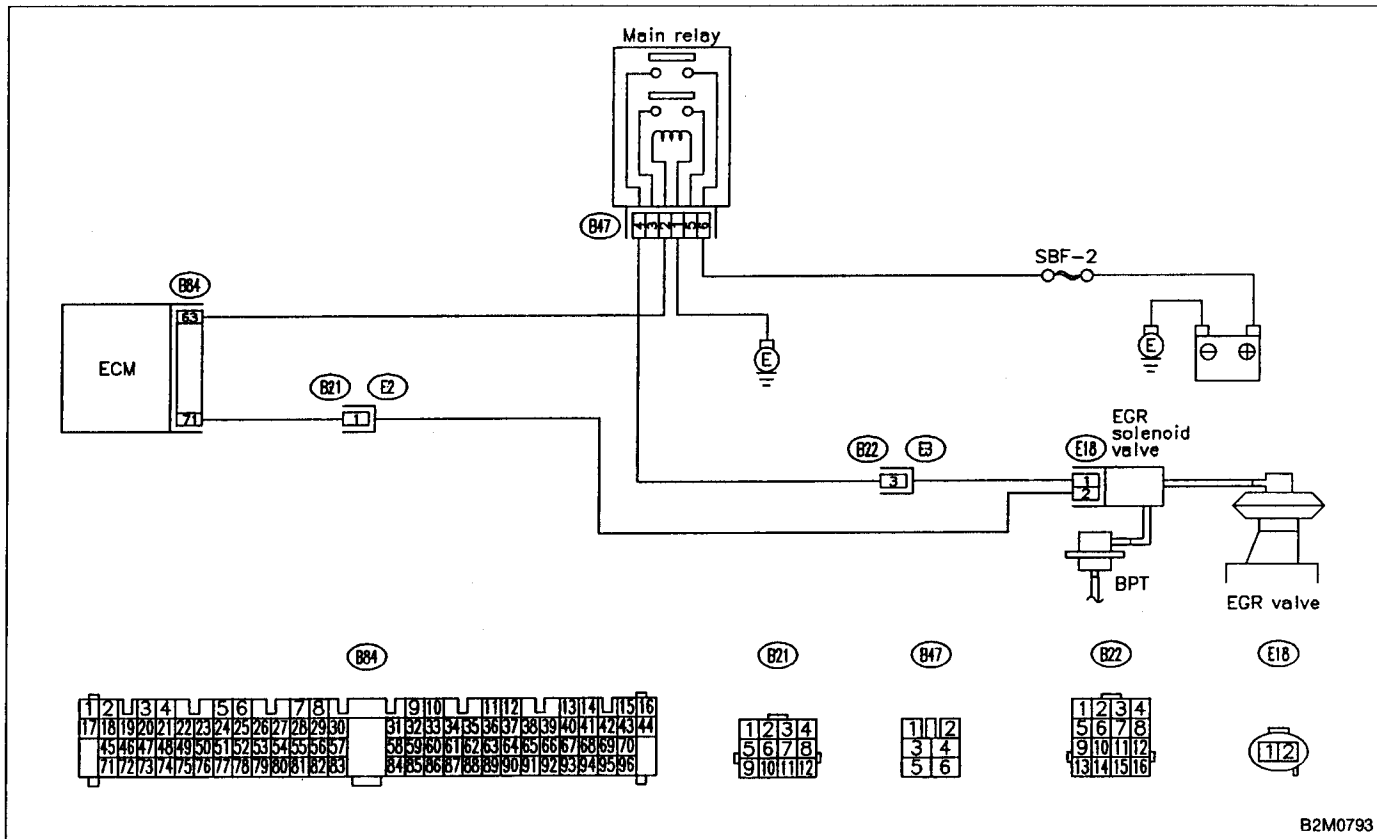


B2M0792

NOTE:
 For the diagnostic procedure on exhaust gas recirculation flow malfunction (DTC P0400), refer to 2-7 [T10AB0]☆2.

AC: DTC P0403
— EXHAUST GAS RECIRCULATION CIRCUIT
MALFUNCTION (EGRSOL) —

WIRING DIAGRAM:



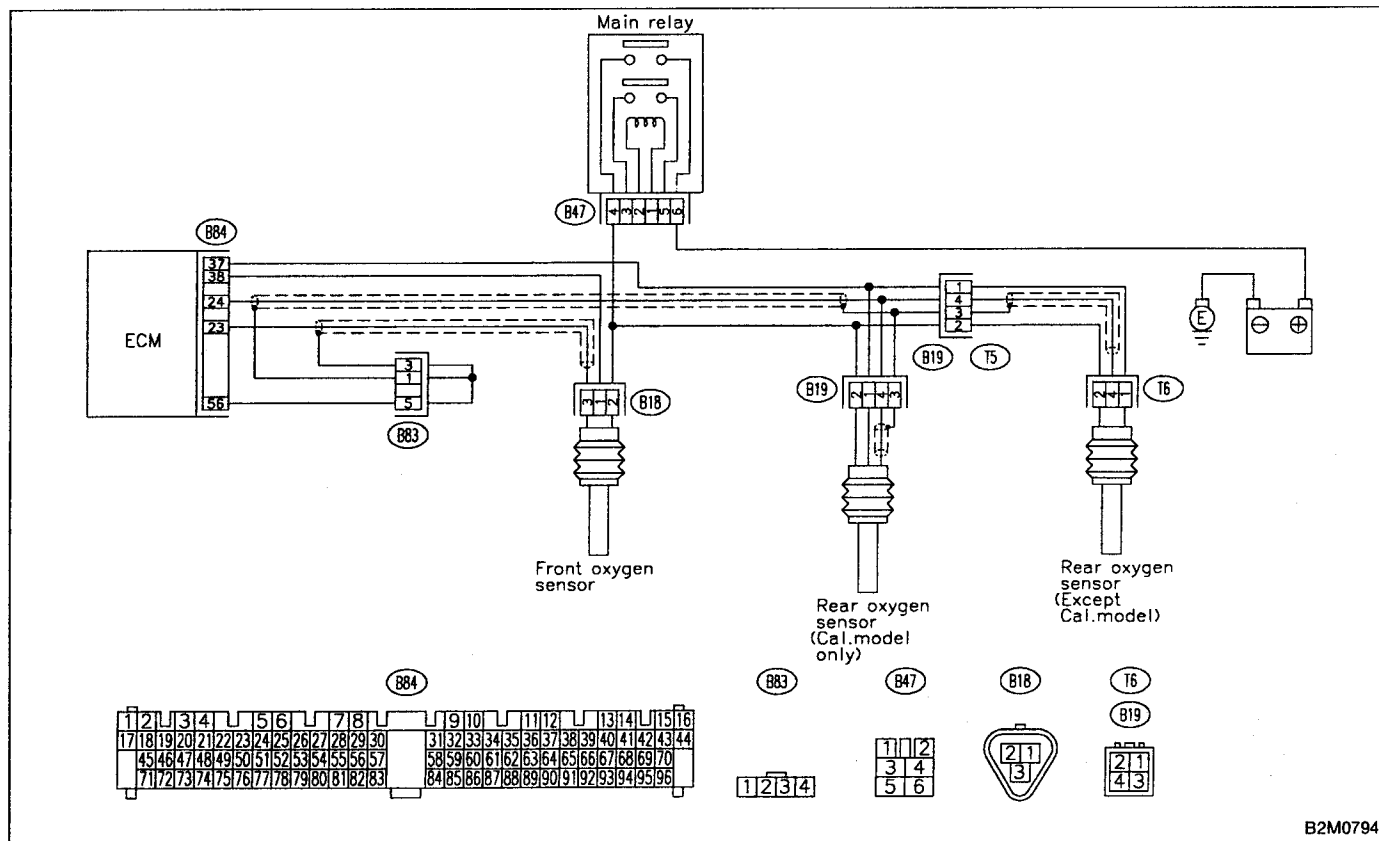
B2M0793

NOTE:

For the diagnostic procedure on exhaust gas recirculation circuit malfunction (DTC P0403), refer to 2-7 [T10AC0]☆2.

AD: DTC P0420
— CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD (CAT) —

WIRING DIAGRAM:



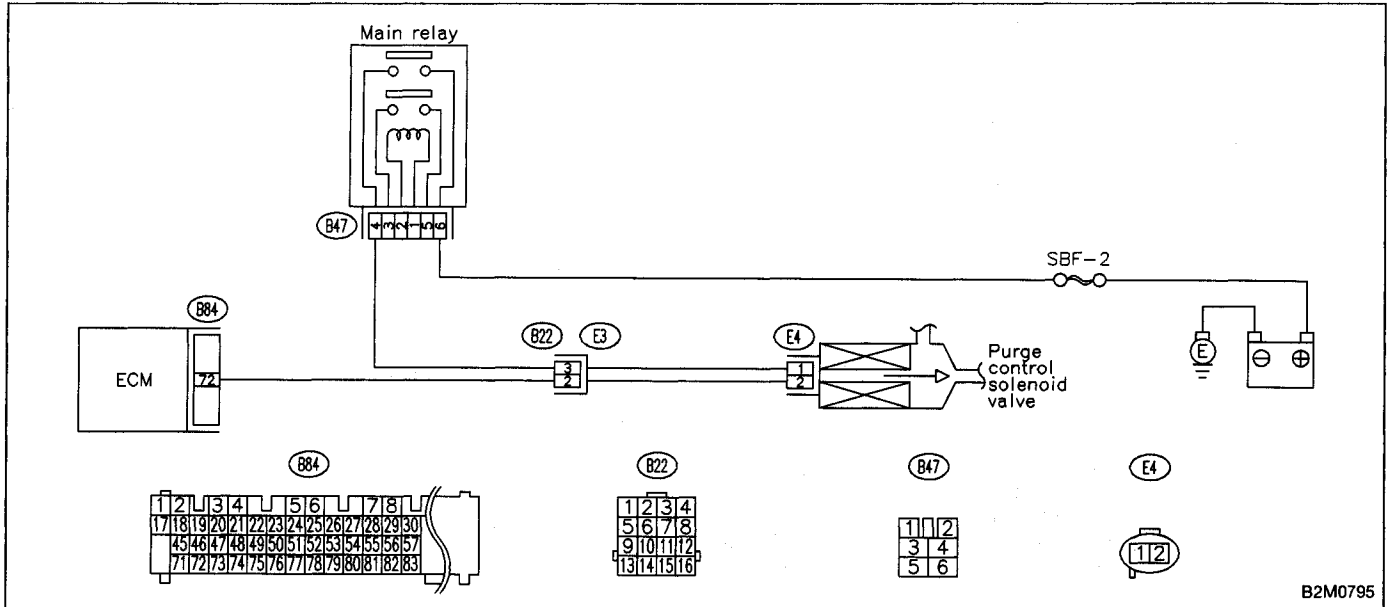
B2M0794

NOTE:

For the diagnostic procedure on catalyst system efficiency below threshold (DTC P0420), refer to 2-7 [T10AD0]☆2.

AE: DTC P0441
— EVAPORATIVE EMISSION CONTROL
SYSTEM INCORRECT PURGE FLOW
(CPC — F) —

WIRING DIAGRAM:

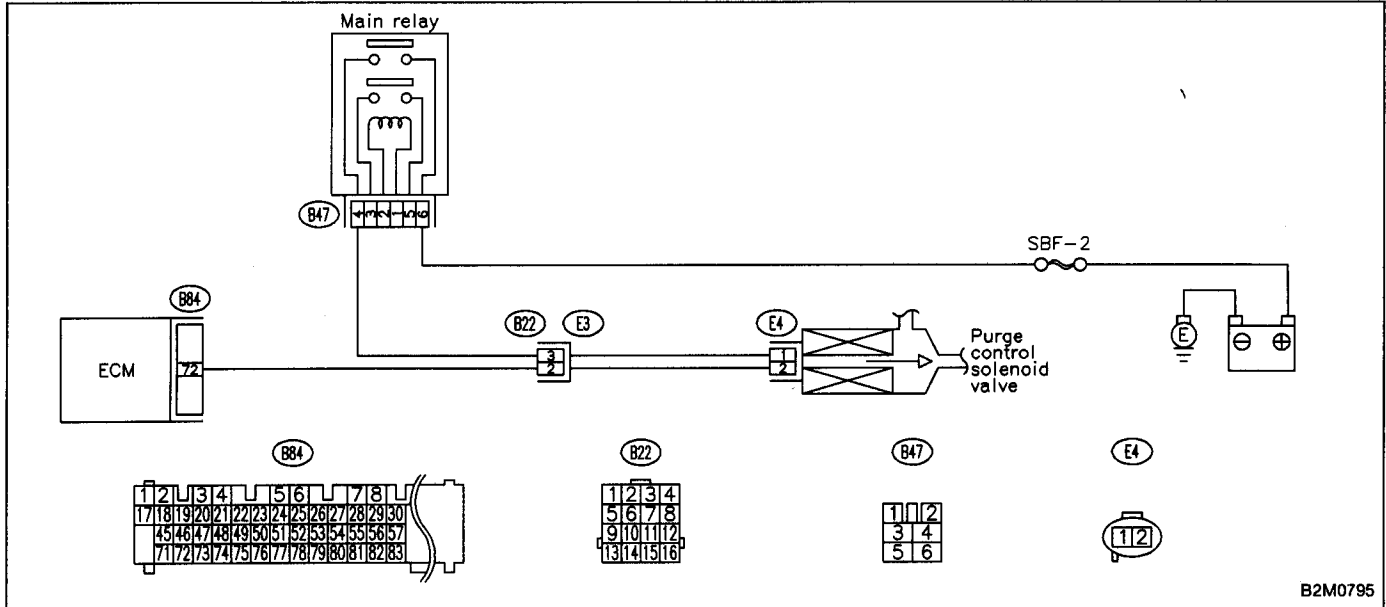


NOTE:

For the diagnostic procedure on evaporative emission control system incorrect purge flow (DTC P0441), refer to 2-7 [T10AE0]☆2.

AF: DTC P0443
— EVAPORATIVE EMISSION CONTROL
SYSTEM PURGE CONTROL VALVE CIRCUIT
MALFUNCTION (CPC) —

WIRING DIAGRAM:

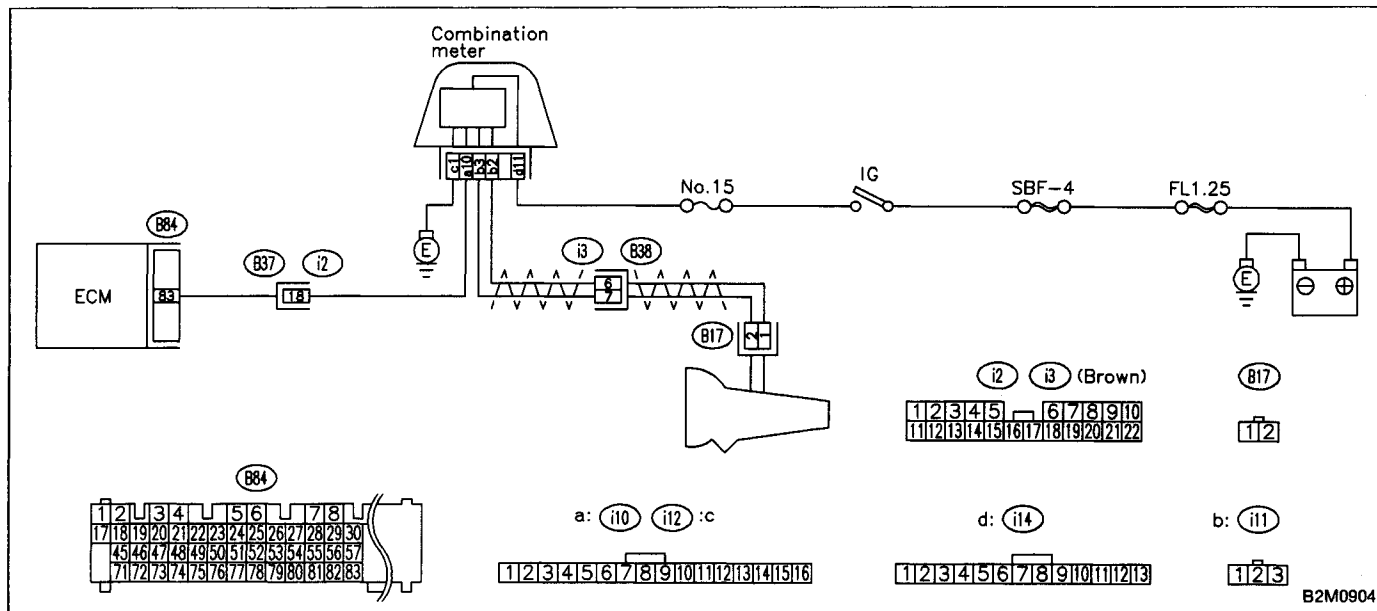


NOTE:

For the diagnostic procedure on evaporative emission control system purge control valve circuit malfunction (DTC P0443), refer to 2-7 [T10AF0]☆2.

AG: DTC P0500
— VEHICLE SPEED SENSOR MALFUNCTION (VSP) —

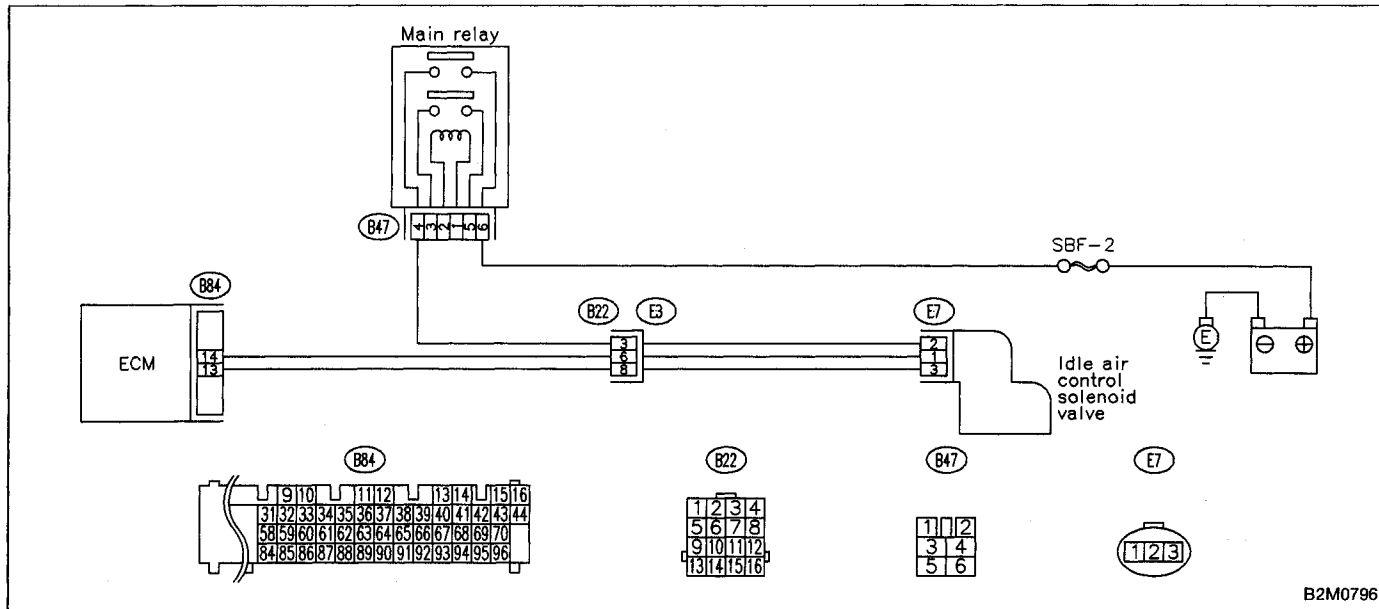
WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on vehicle speed sensor malfunction (DTC P0500), refer to 2-7 [T10AG0]☆2.

AH: DTC P0505
— IDLE CONTROL SYSTEM MALFUNCTION (ISC) —

WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on idle control system malfunction (DTC P0505), refer to 2-7 [T10AH0]☆2.

**AI: DTC P0506
— IDLE CONTROL SYSTEM RPM LOWER
THAN EXPECTED (ISC — L) —**

NOTE:

For the diagnostic procedure on idle control system RPM lower than expected (DTC P0506), refer to 2-7 [T10A10]☆2.

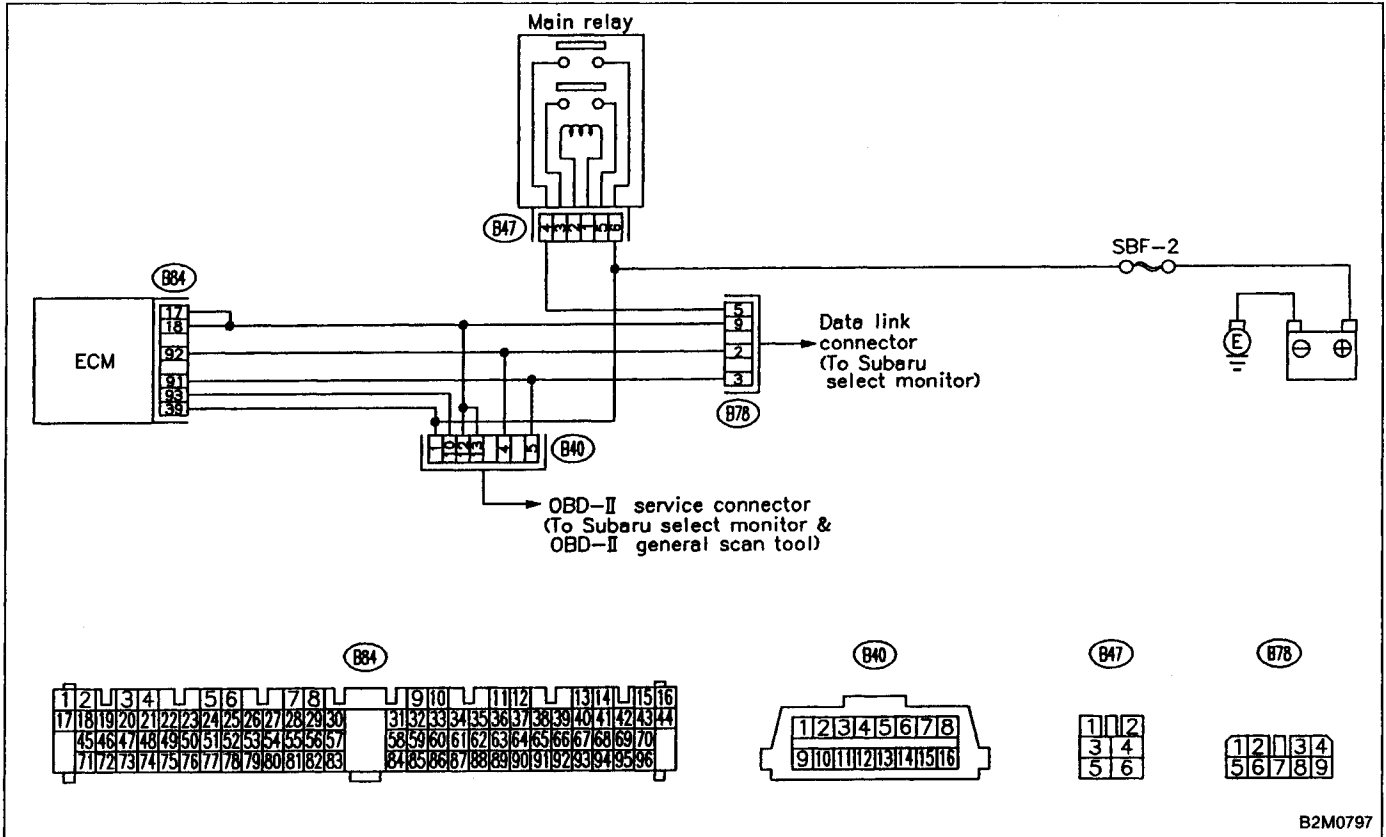
**AJ: DTC P0507
— IDLE CONTROL SYSTEM RPM HIGHER
THAN EXPECTED (ISC — H) —**

NOTE:

For the diagnostic procedure on idle control system RPM higher than expected (DTC P0507), refer to 2-7 [T10AJ0]☆2.

AK: DTC P0600
— SERIAL COMMUNICATION LINK
MALFUNCTION —

WIRING DIAGRAM:

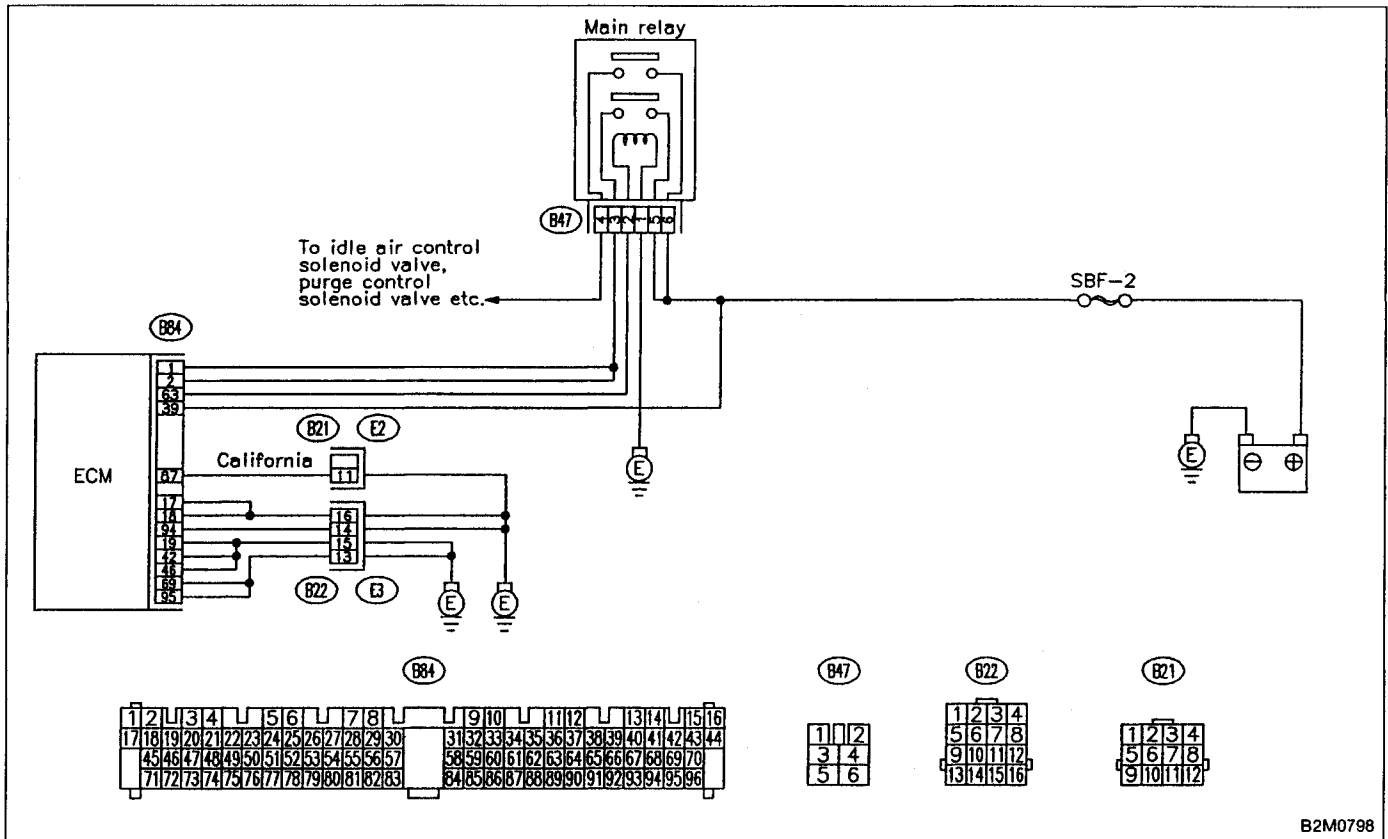


B2M0797

NOTE:
 For the diagnostic procedure on serial communication link malfunction (DTC P0600), refer to 2-7 [T10AK0]☆2.

AL: DTC P0601
— INTERNAL CONTROL MODULE MEMORY
CHECK SUM ERROR (RAM) —

WIRING DIAGRAM:



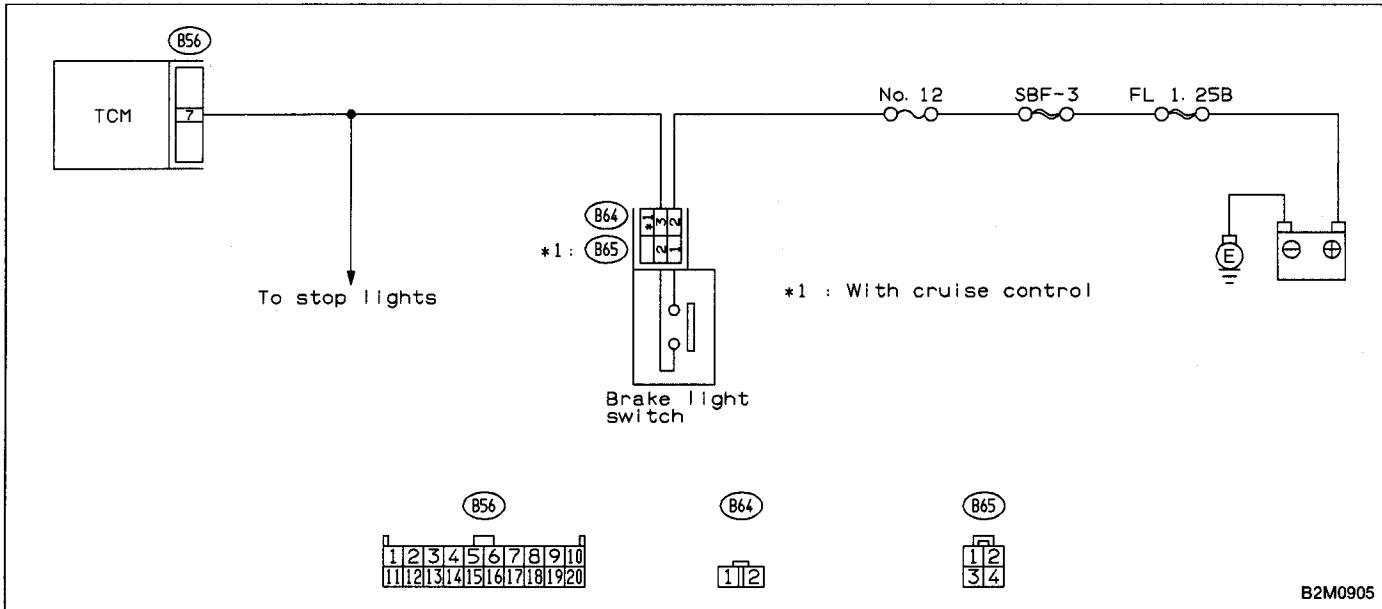
B2M0798

NOTE:

For the diagnostic procedure on internal control module memory check sum error (DTC P0601), refer to 2-7 [T10AL0]☆2.

**AM: DTC P0703
 — BRAKE SWITCH INPUT MALFUNCTION
 (ATBRK) —**

WIRING DIAGRAM:

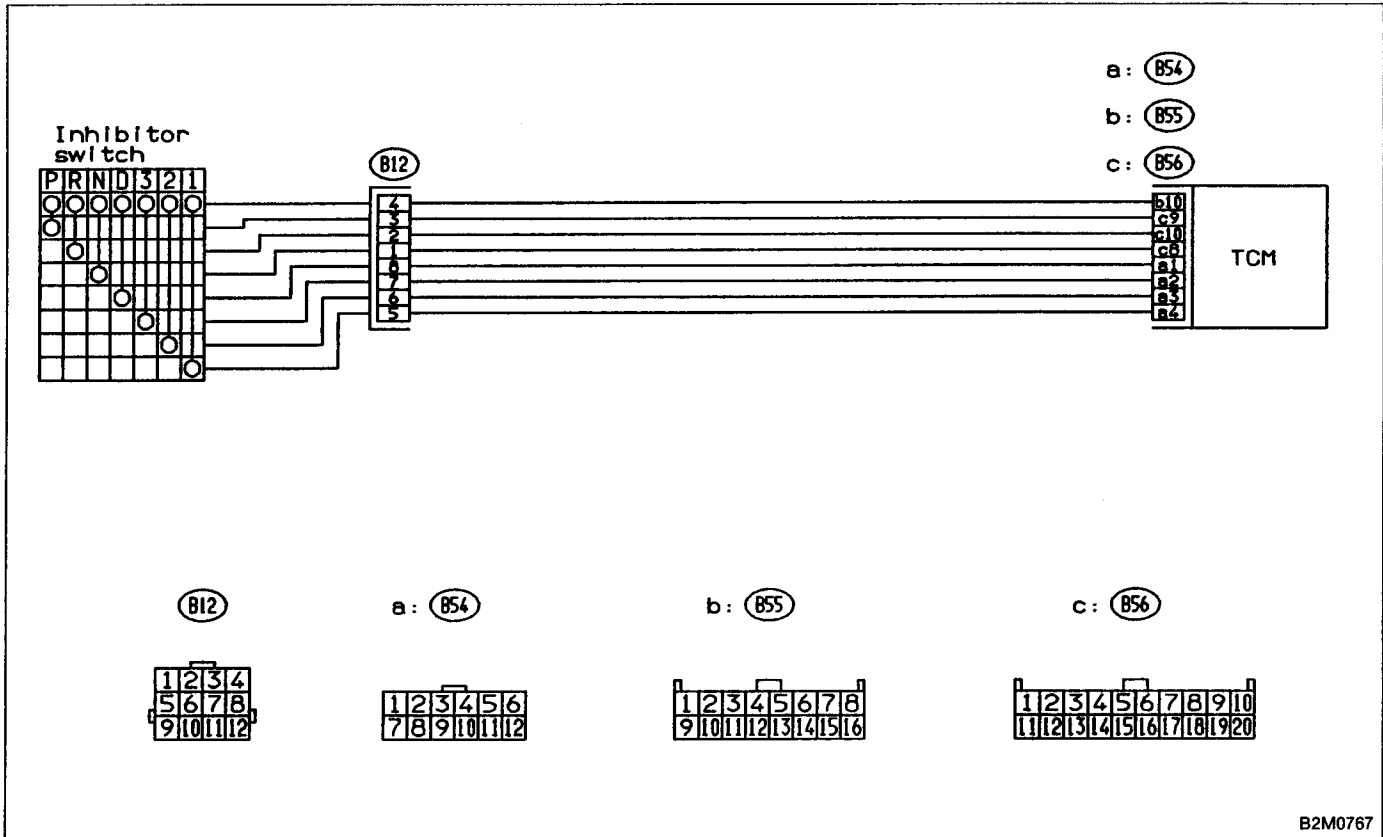


NOTE:

For the diagnostic procedure on brake switch input malfunction (DTC P0703), refer to 2-7 [T10AM0]☆2.

**AN: DTC P0705
 — TRANSMISSION RANGE SENSOR CIRCUIT
 MALFUNCTION (ATRNG) —**

WIRING DIAGRAM:



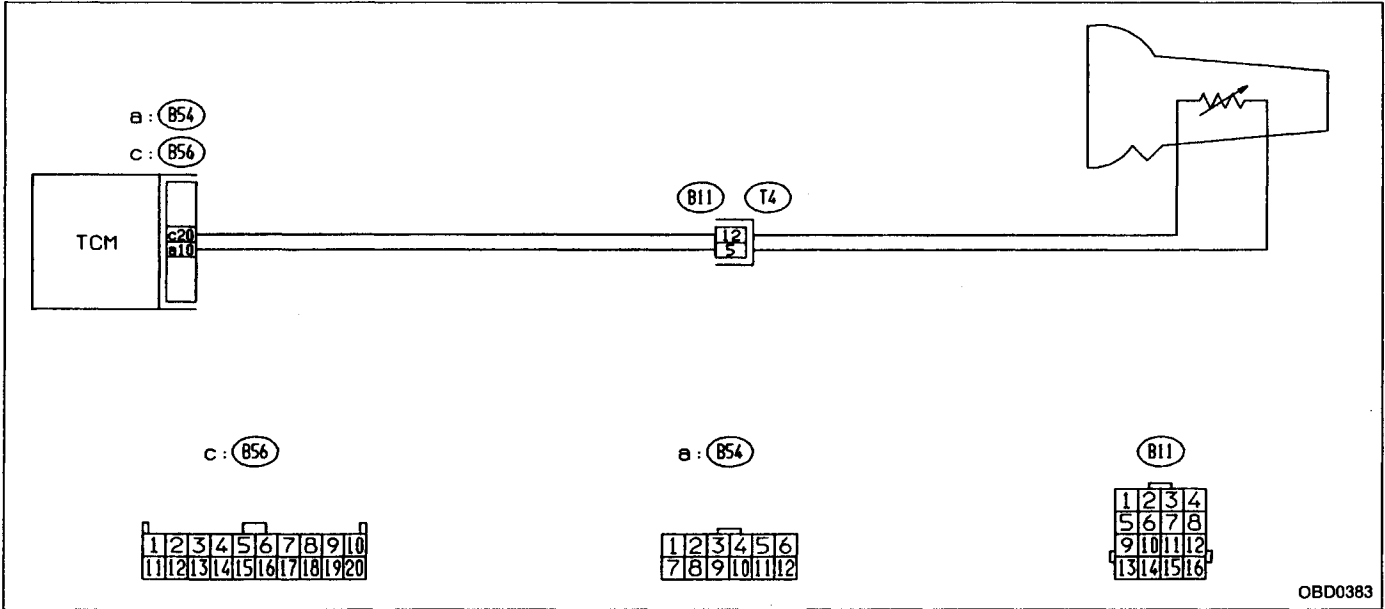
B2M0767

NOTE:

For the diagnostic procedure on transmission range sensor circuit malfunction (DTC P0705), refer to 2-7 [T10AN0]☆2.

AO: DTC P0710
— TRANSMISSION FLUID TEMPERATURE
SENSOR CIRCUIT MALFUNCTION (ATF) —

WIRING DIAGRAM:



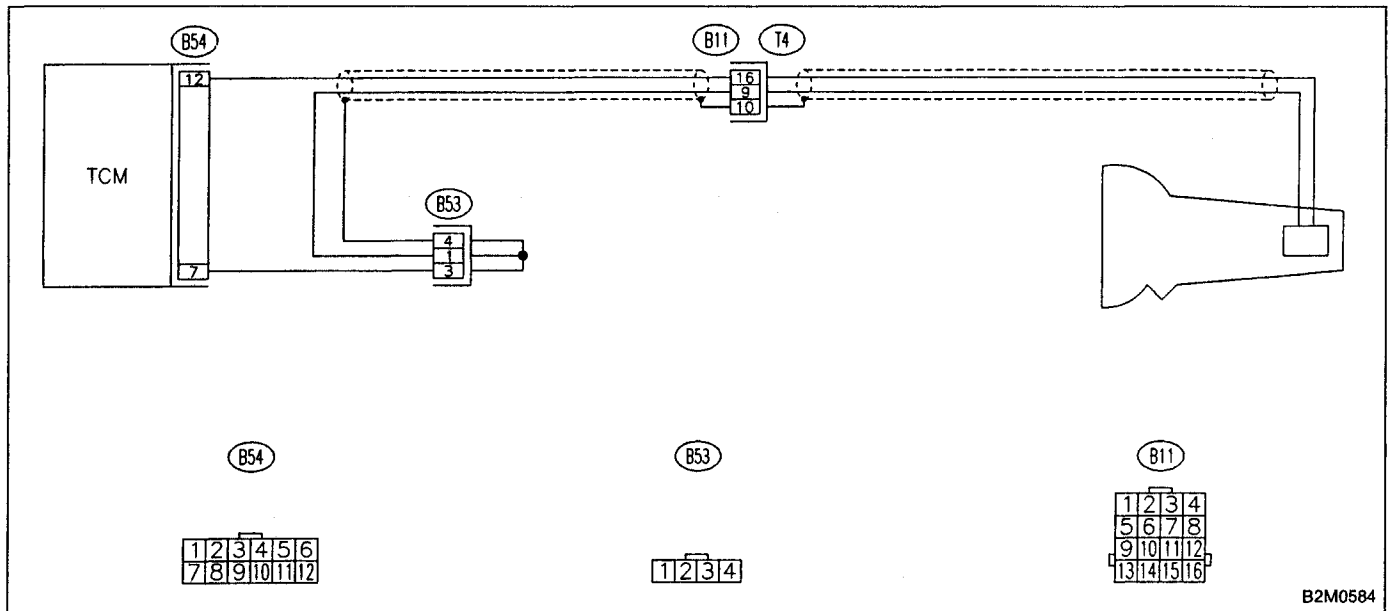
OBD0383

NOTE:

For the diagnostic procedure on transmission fluid temperature sensor circuit malfunction (DTC P0710), refer to 2-7 [T10A00]☆2.

AP: DTC P0720
— OUTPUT SPEED SENSOR (VEHICLE SPEED
SENSOR 1) CIRCUIT MALFUNCTION
(ATVSP) —

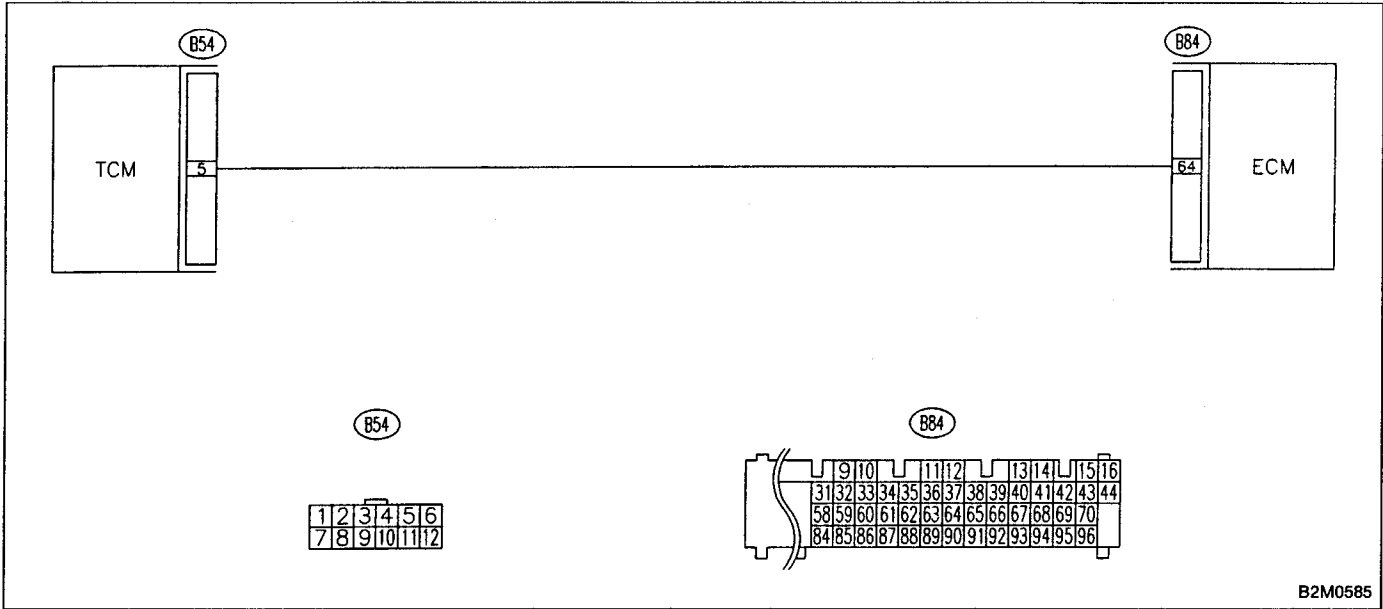
WIRING DIAGRAM:



NOTE:
For the diagnostic procedure on output speed sensor (vehicle speed sensor 1) circuit malfunction (DTC P0720), refer to 2-7 [T10AP0]☆2.

AQ: DTC P0725
— ENGINE SPEED INPUT CIRCUIT
MALFUNCTION (ATNE) —

WIRING DIAGRAM:



B2M0585

NOTE:

For the diagnostic procedure on engine speed input circuit malfunction (DTC P0725), refer to 2-7 [T10AQ0]☆2.

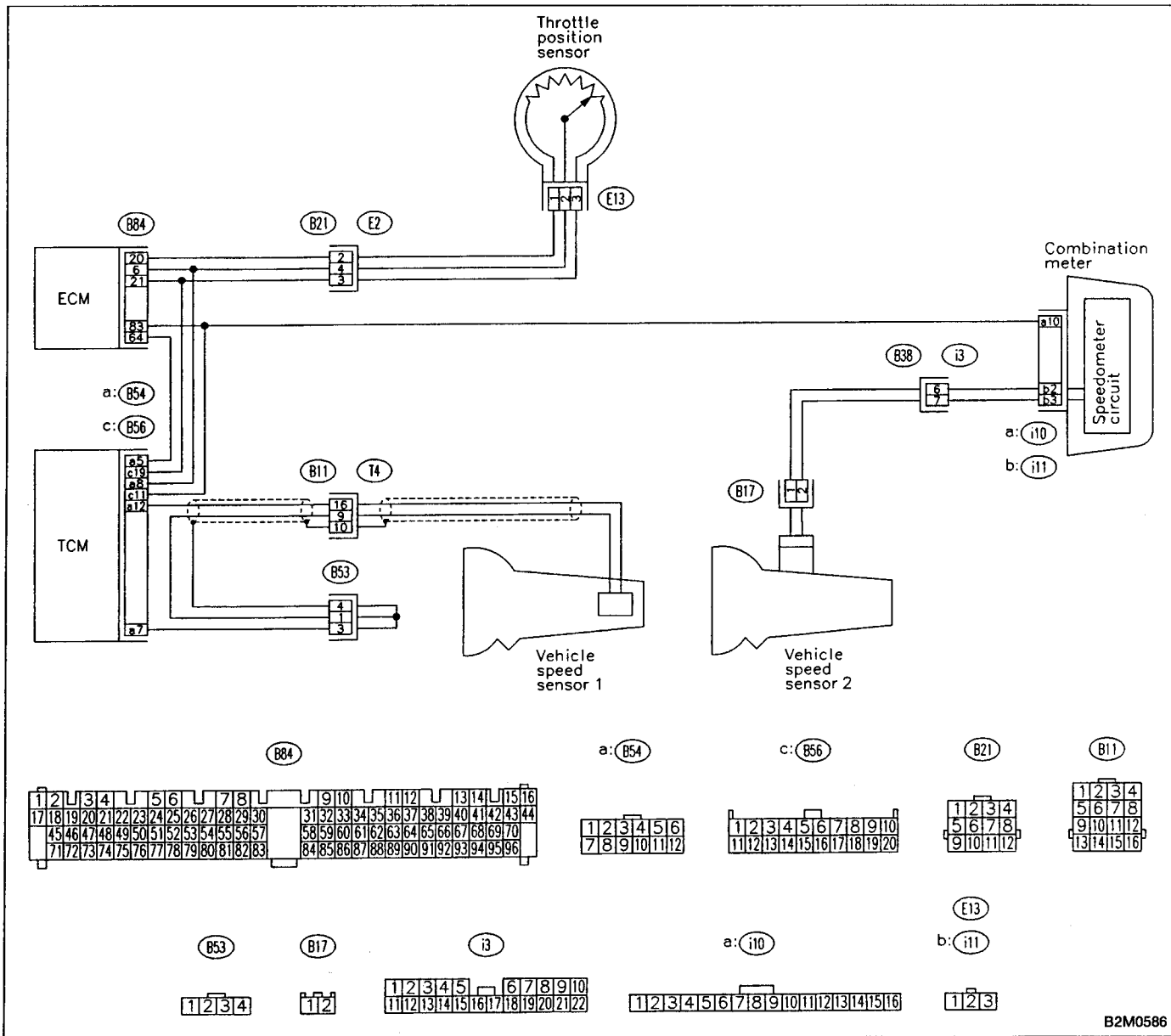
AR: DTC P0731
— GEAR 1 INCORRECT RATIO (ATGR1) —

AS: DTC P0732
— GEAR 2 INCORRECT RATIO (ATGR2) —

AT: DTC P0733
— GEAR 3 INCORRECT RATIO (ATGR3) —

AU: DTC P0734
— GEAR 4 INCORRECT RATIO (ATGR4) —

WIRING DIAGRAM:

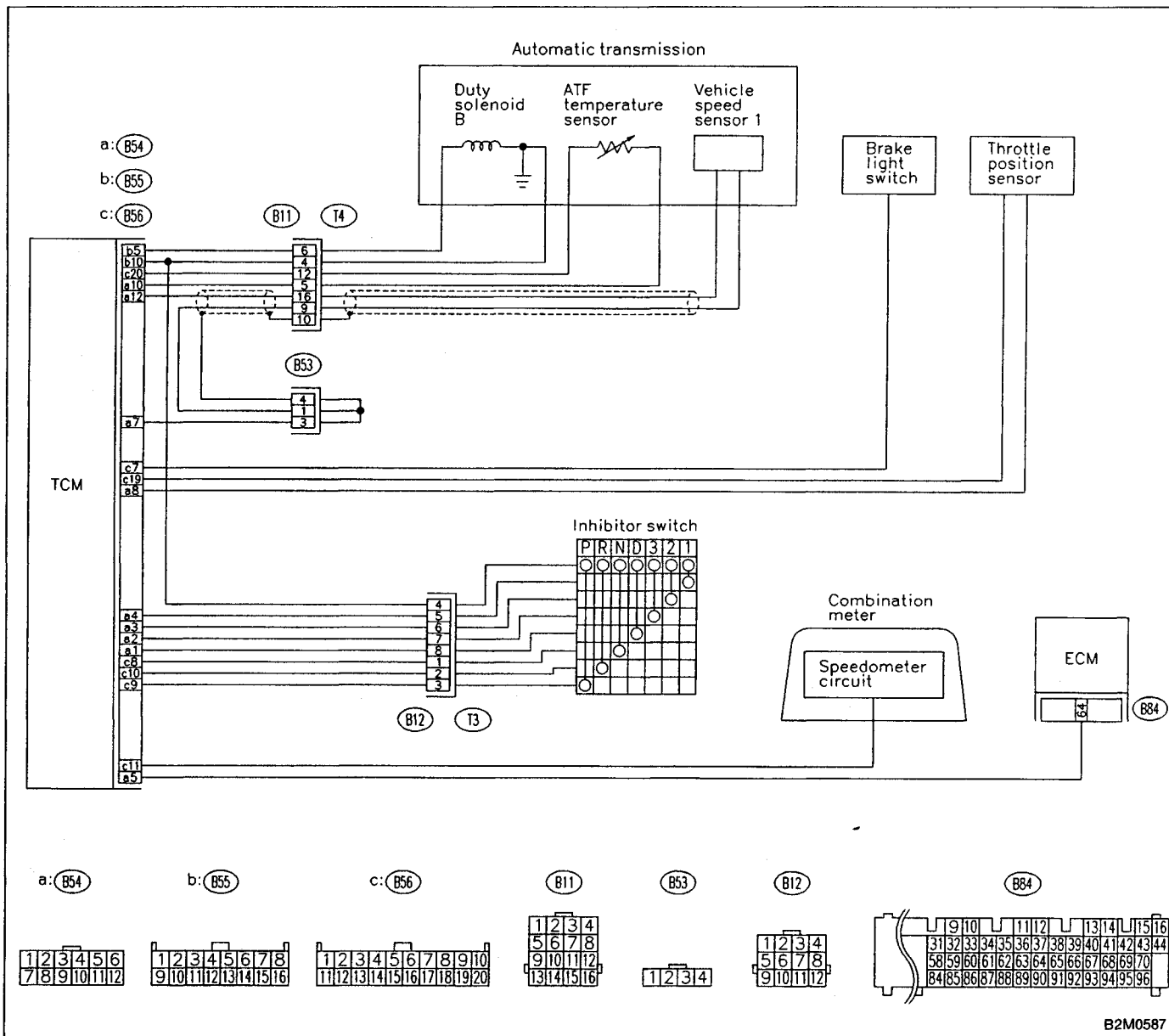


NOTE:

For the diagnostic procedure on gear 1, gear 2, gear 3 and gear 4 incorrect ratio (DTC P0731, DTC P0732, DTC P0733 and DTC P0734), refer to 2-7 [T10AR0, T10AS0, T10AT0 and T10AU0]☆2.

AV: DTC P0740
— TORQUE CONVERTER CLUTCH SYSTEM
MALFUNCTION (ATLU — F) —

WIRING DIAGRAM:

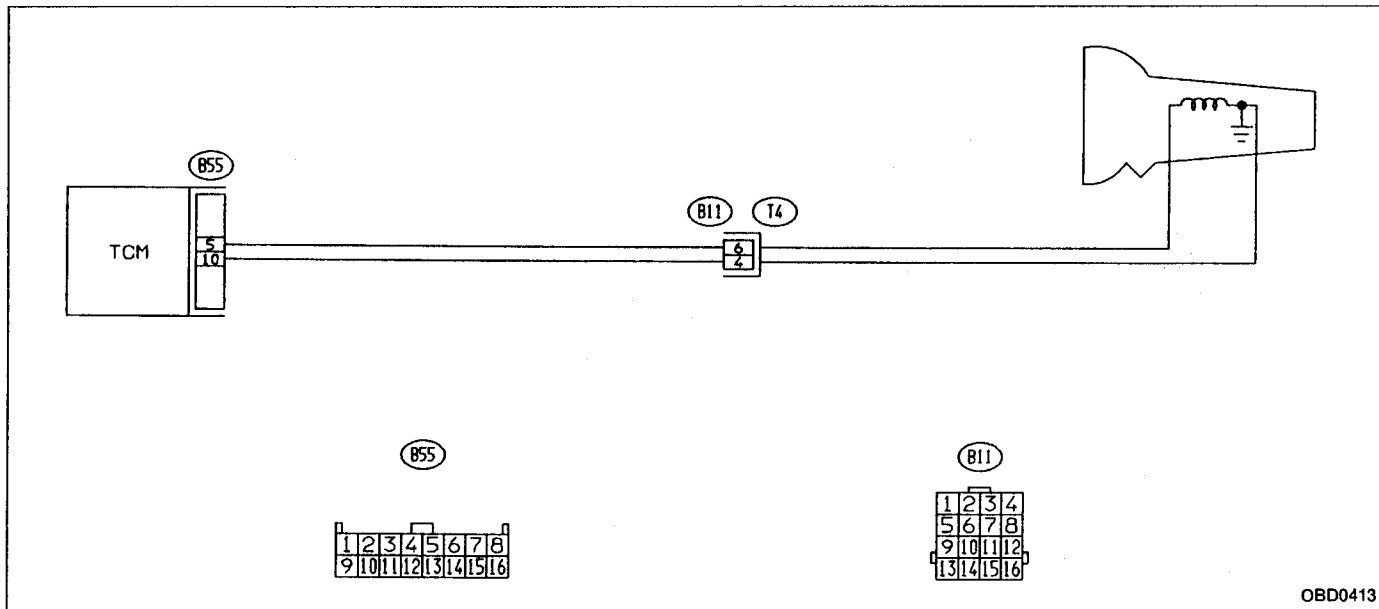


NOTE:

For the diagnostic procedure on torque converter clutch system malfunction (DTC P0740), refer to 2-7 [T10AV0]☆2.

AW: DTC P0743
— TORQUE CONVERTER CLUTCH SYSTEM
(DUTY SOLENOID B) ELECTRICAL (ATLU) —

WIRING DIAGRAM:

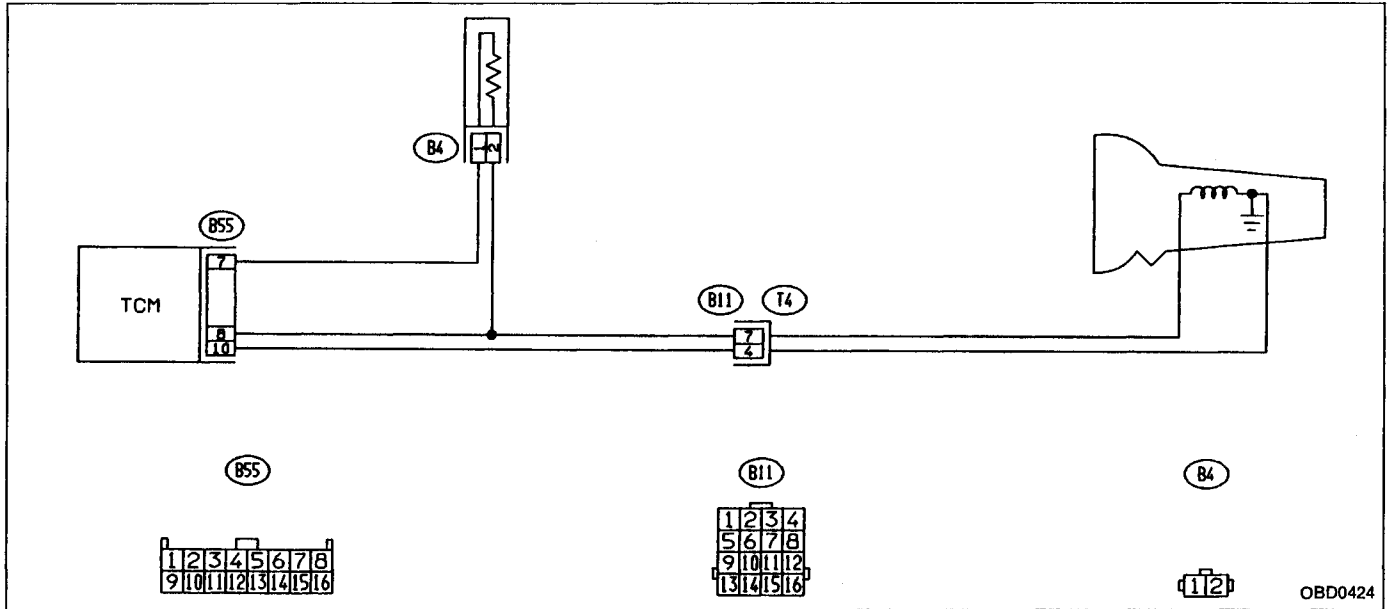


NOTE:

For the diagnostic procedure on torque converter clutch system electrical (DTC P0743), refer to 2-7 [T10AW0]☆2.

AX: DTC P0748
— PRESSURE CONTROL SOLENOID (DUTY SOLENOID A) ELECTRICAL (ATPL) —

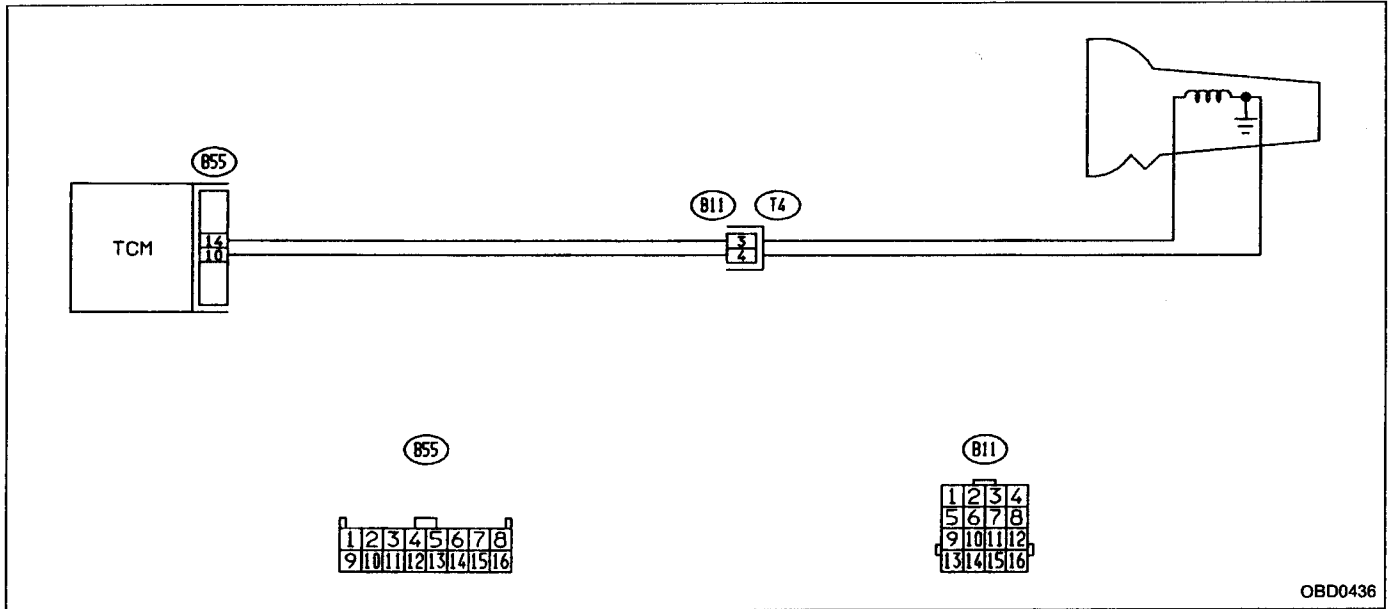
WIRING DIAGRAM:



NOTE:
For the diagnostic procedure on pressure control solenoid electrical (DTC P0748), refer to 2-7 [T10AX0]☆2.

AY: DTC P0753
— SHIFT SOLENOID A (SHIFT SOLENOID 1)
ELECTRICAL (ATSFT1) —

WIRING DIAGRAM:

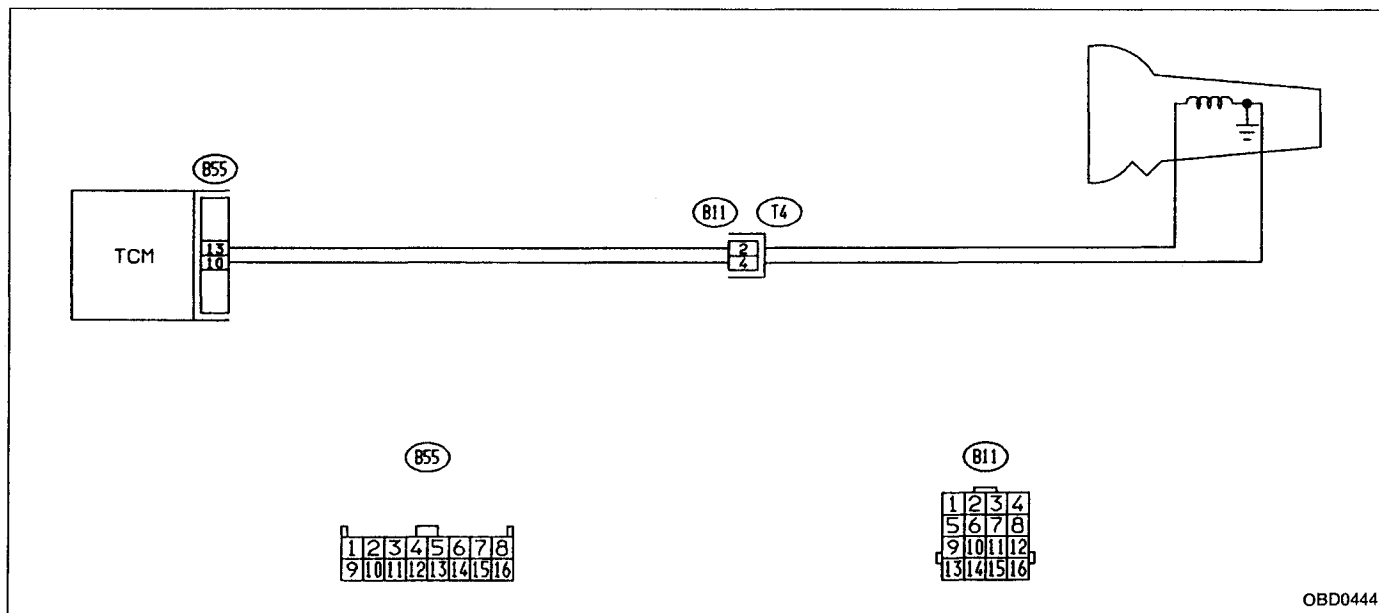


OBD0436

NOTE:
 For the diagnostic procedure on shift solenoid A electrical (DTC P0753), refer to 2-7 [T10AY0]☆2.

AZ: DTC P0758
— SHIFT SOLENOID B (SHIFT SOLENOID 2)
ELECTRICAL (ATSFT2) —

WIRING DIAGRAM:

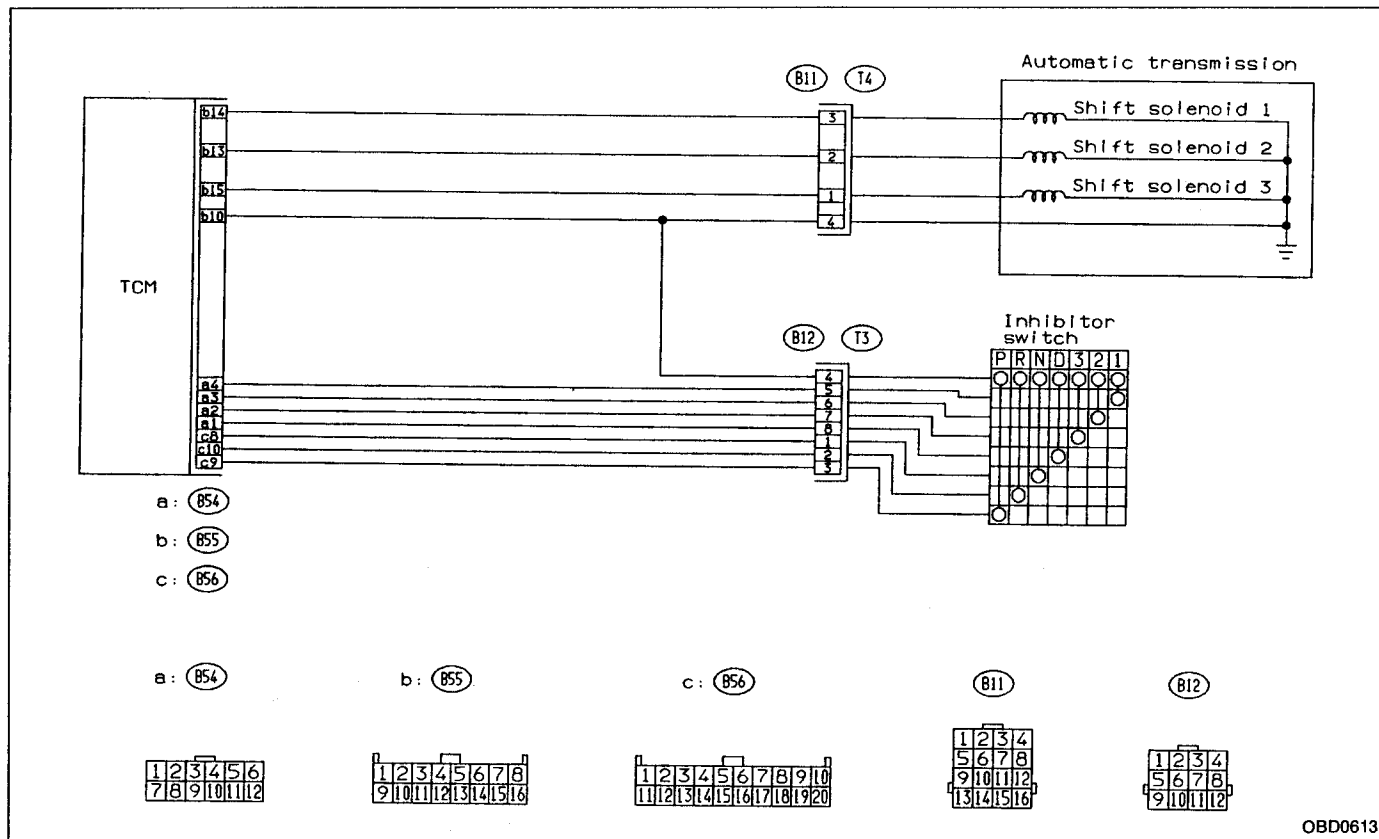


OBD0444

NOTE:
 For the diagnostic procedure on shift solenoid B electrical (DTC P0758), refer to 2-7 [T10AZ0]☆2.

BA: DTC P0760
— SHIFT SOLENOID C (SHIFT SOLENOID 3)
MALFUNCTION (ATOVR — F) —

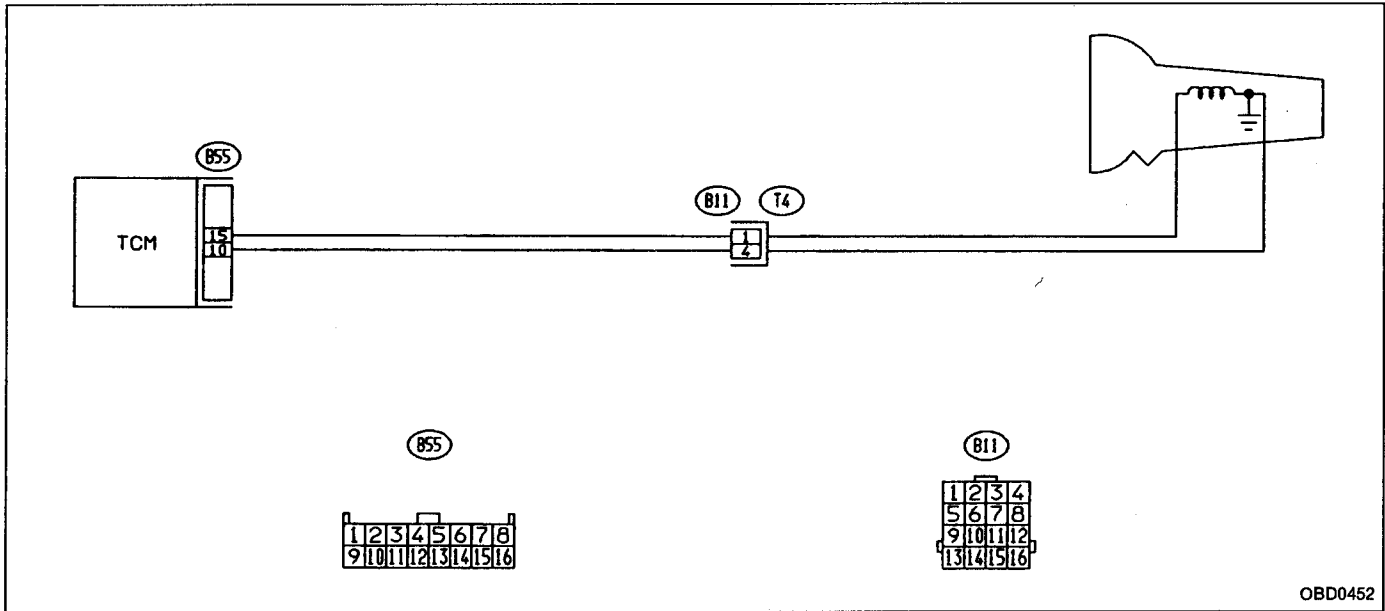
WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on shift solenoid C malfunction (DTC P0760), refer to 2-7 [T10BA0]☆2.

BB: DTC P0763
— SHIFT SOLENOID C (SHIFT SOLENOID 3)
ELECTRICAL (ATOVR) —

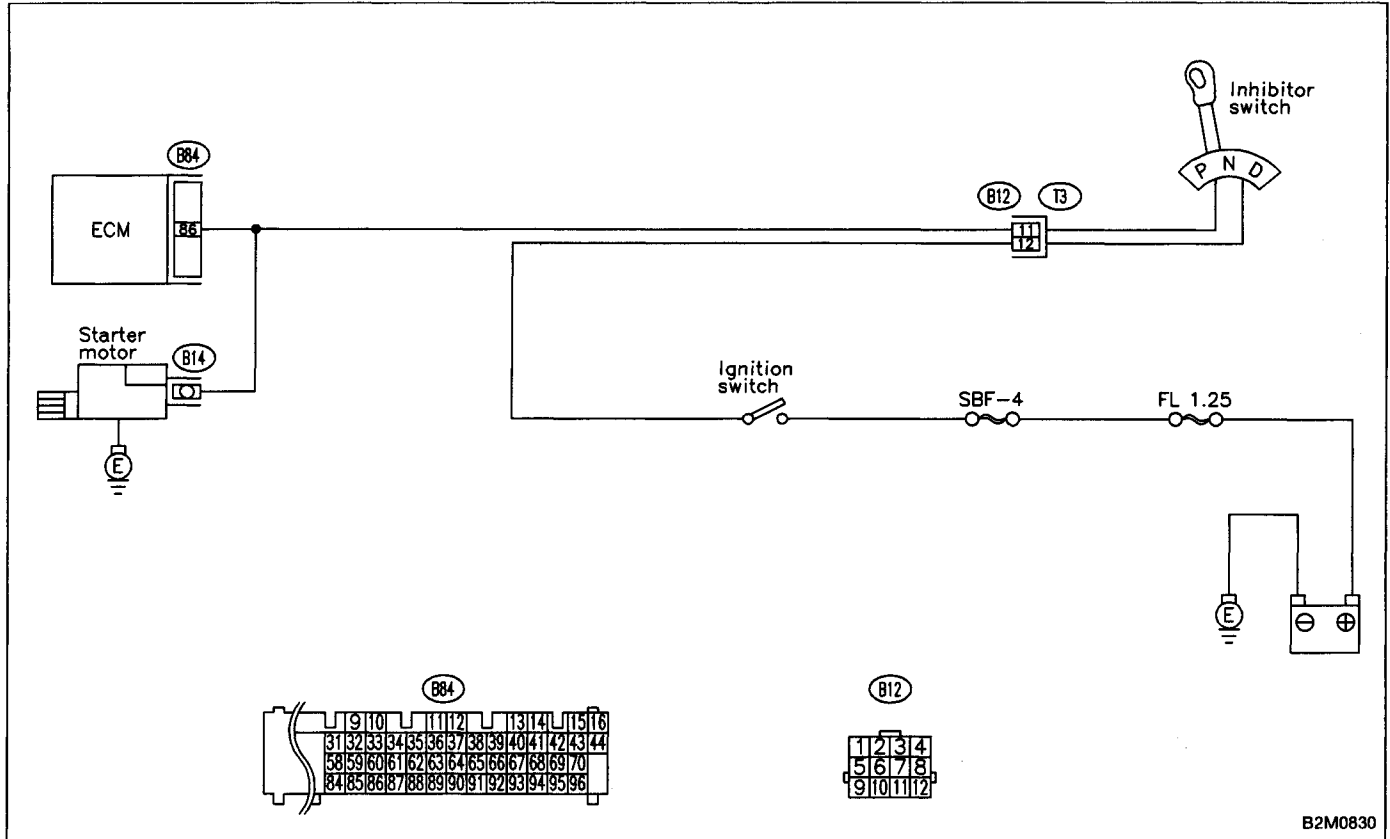
WIRING DIAGRAM:



NOTE:
For the diagnostic procedure on shift solenoid C electrical (DTC P0763), refer to 2-7 [T10BB0]☆2.

BC: DTC P1100
— STARTER SWITCH CIRCUIT MALFUNCTION
(ST — SW) —

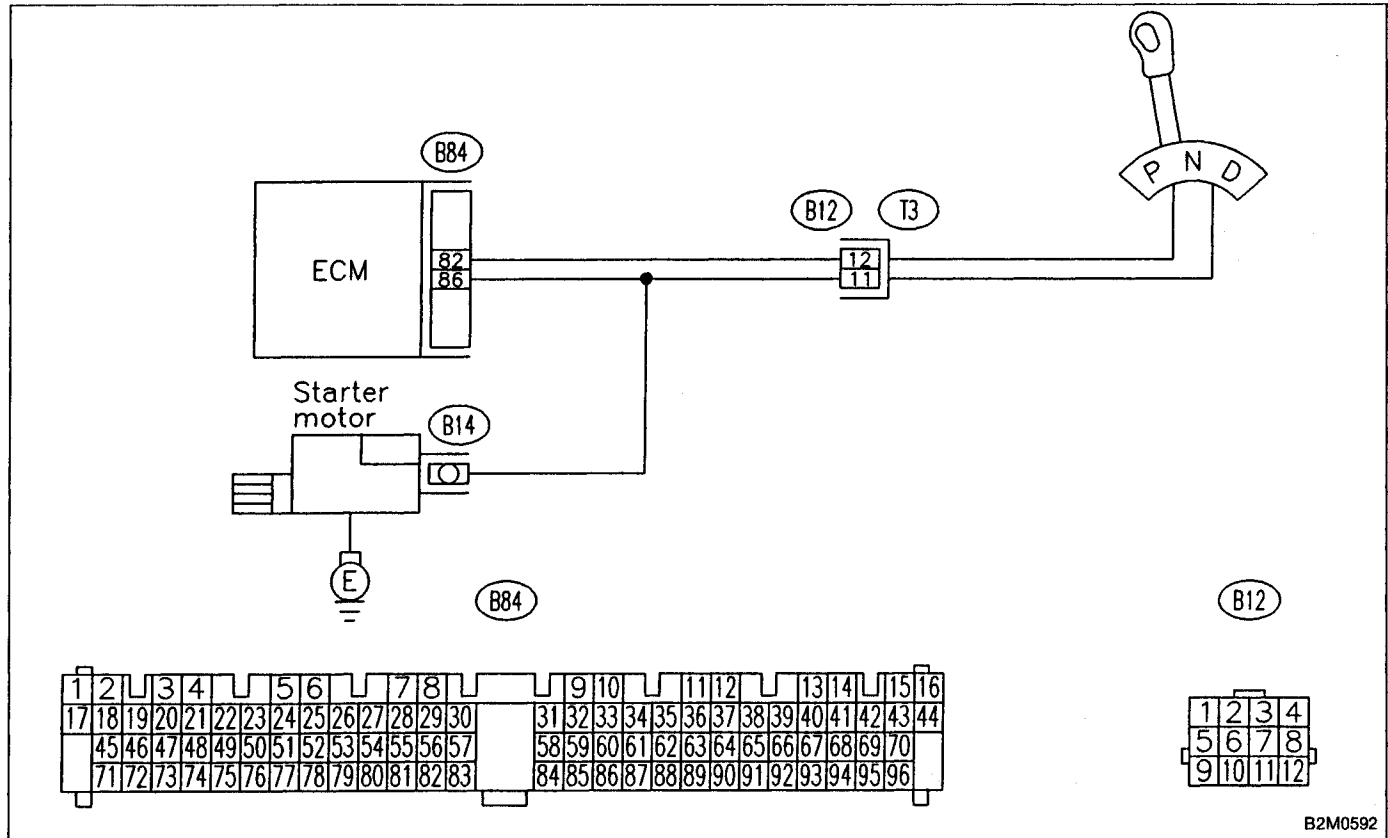
WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on starter switch circuit malfunction (DTC P1100), refer to 2-7 [T10BC0]☆2.

BD: DTC P1101
— NEUTRAL POSITION SWITCH CIRCUIT
MALFUNCTION (N/P — SW) —

WIRING DIAGRAM:



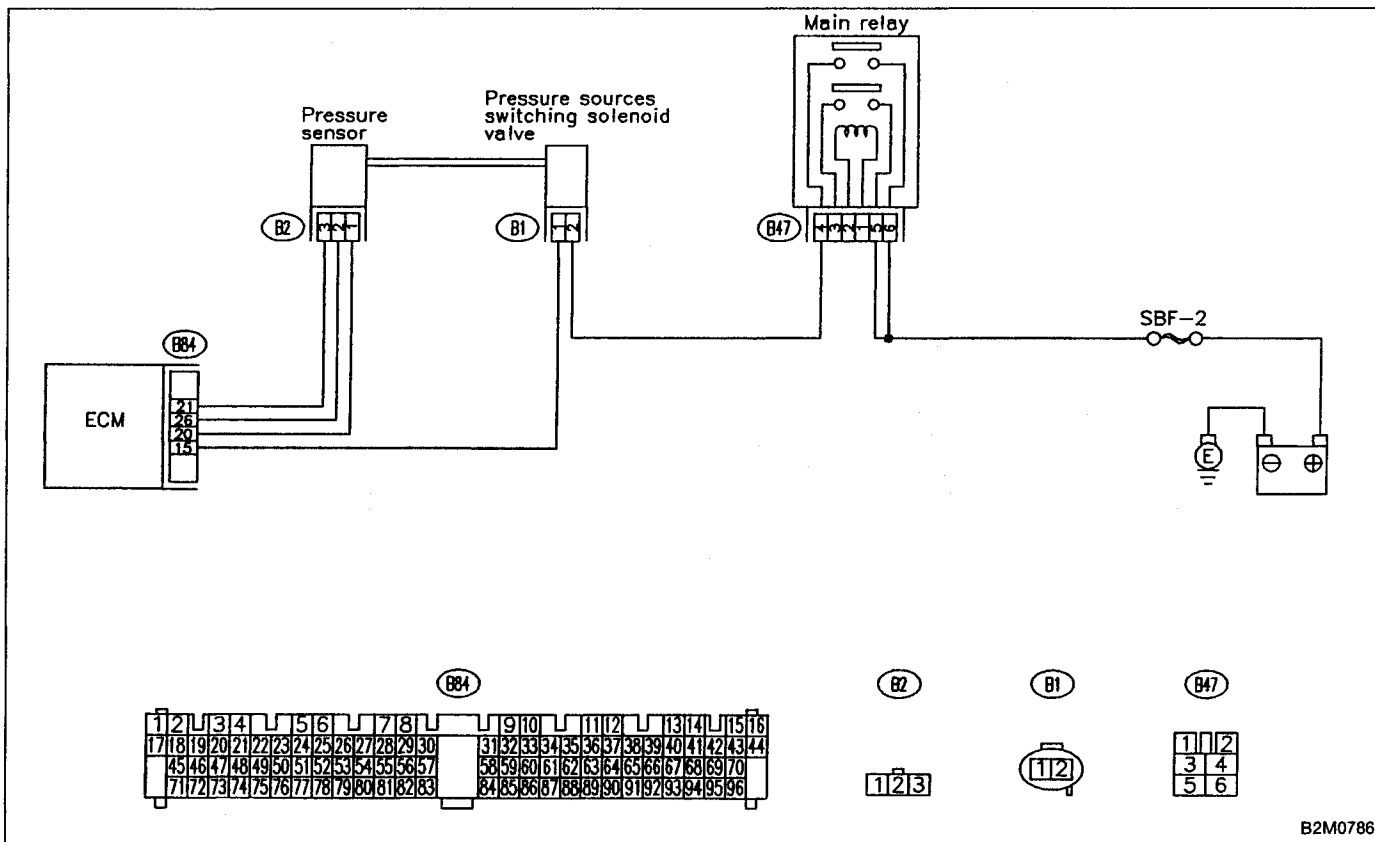
B2M0592

NOTE:

For the diagnostic procedure on neutral position switch circuit malfunction (DTC P1101), refer to 2-7 [T10BE0]☆2.

BE: DTC P1102
— PRESSURE SOURCES SWITCHING
SOLENOID VALVE CIRCUIT MALFUNCTION
(BR) —

WIRING DIAGRAM:



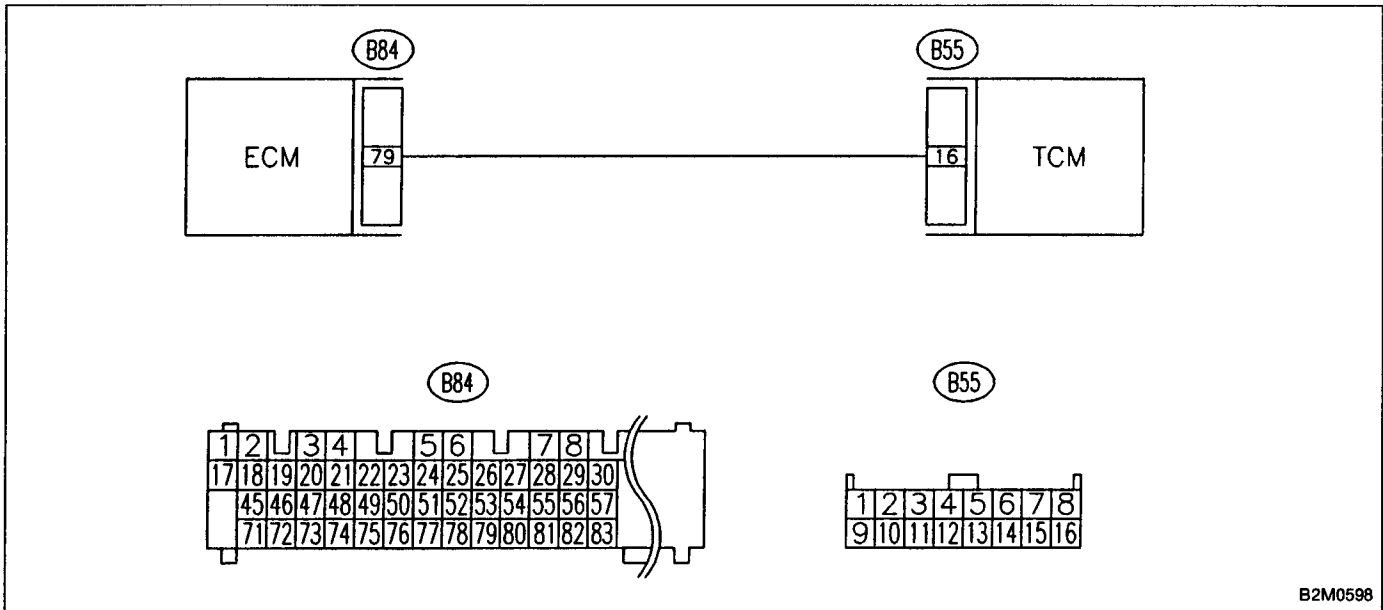
B2M0786

NOTE:

For the diagnostic procedure on pressure sources switching solenoid valve circuit malfunction (DTC P1102), refer to 2-7 [T10BF0]☆2.

**BF: DTC P1103
 — ENGINE TORQUE CONTROL SIGNAL
 CIRCUIT MALFUNCTION (TRQ) —**

WIRING DIAGRAM:



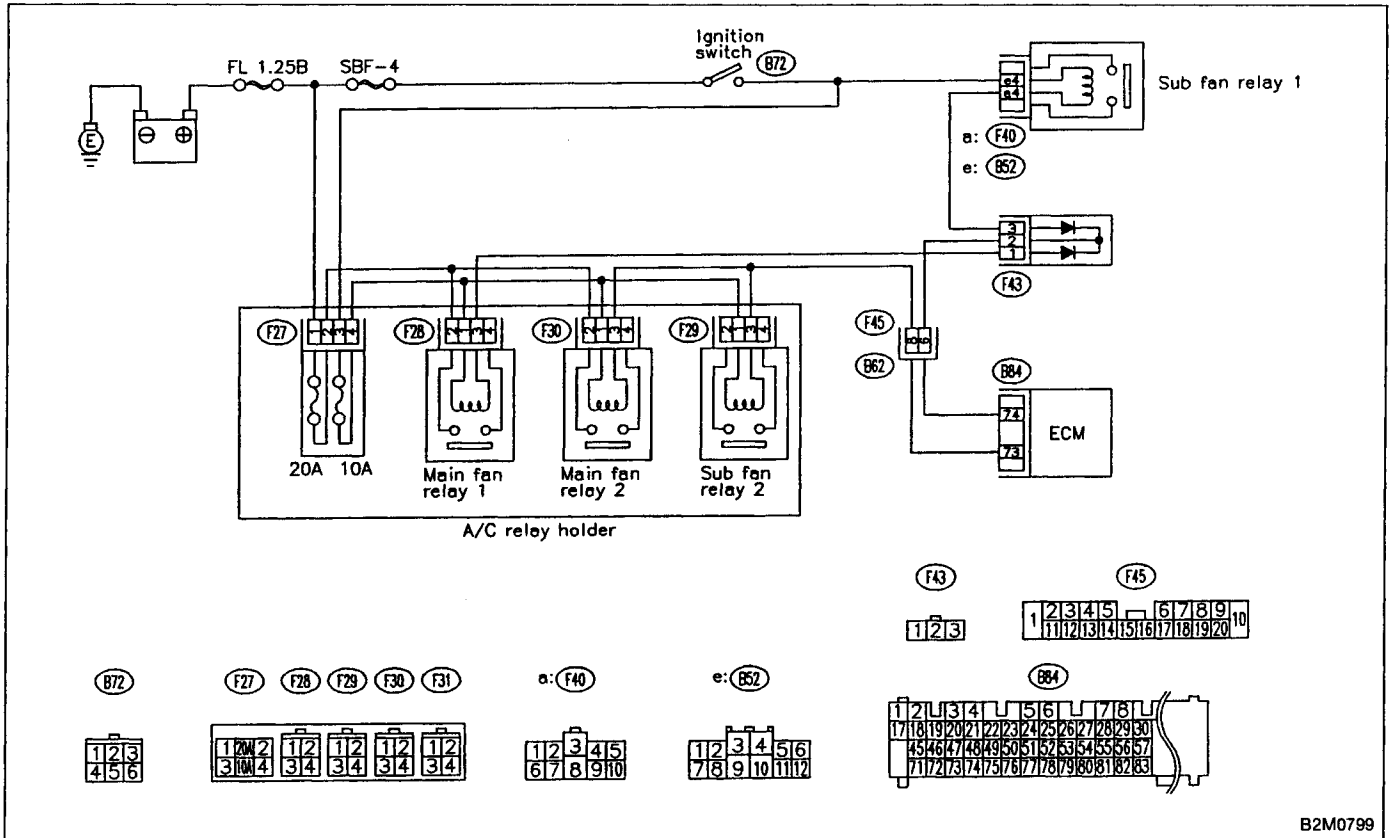
B2M0598

NOTE:

For the diagnostic procedure on engine torque control signal circuit malfunction (DTC P1103), refer to 2-7 [T10BG0]☆2.

**BG: DTC P1500
 — RADIATOR FAN RELAY 1 CIRCUIT
 MALFUNCTION (FAN — 1) —**

WIRING DIAGRAM:

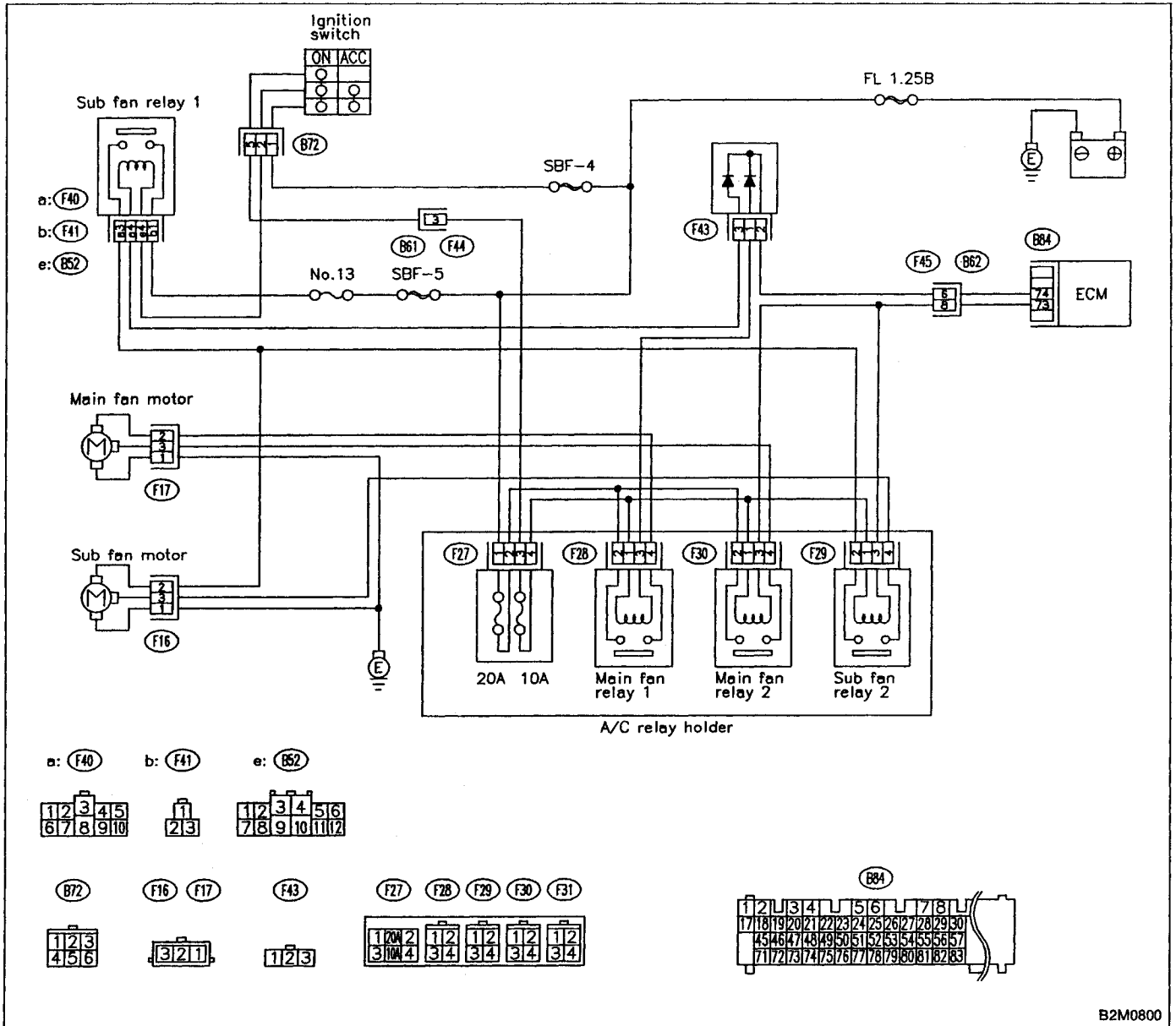


B2M0799

NOTE:
 For the diagnostic procedure on radiator fan relay 1 circuit malfunction (DTC P1500), refer to 2-7 [T10BI0]☆2.

BH: DTC P1502
— RADIATOR FAN FUNCTION PROBLEM
(FAN — F) —

WIRING DIAGRAM:

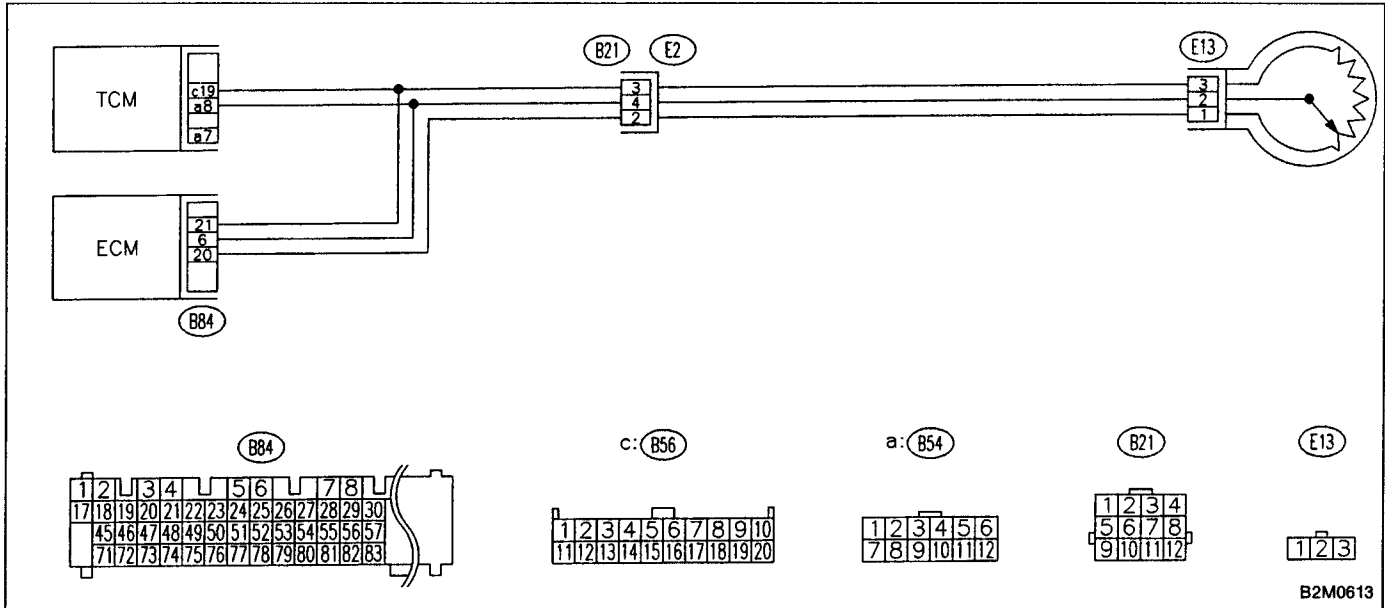


B2M0800

NOTE:
 For the diagnostic procedure on radiator fan function problem (DTC P1502), refer to 2-7 [T10BJ0]☆2.

BI: DTC P1700
— THROTTLE POSITION SENSOR CIRCUIT
MALFUNCTION (ATTH) —

WIRING DIAGRAM:

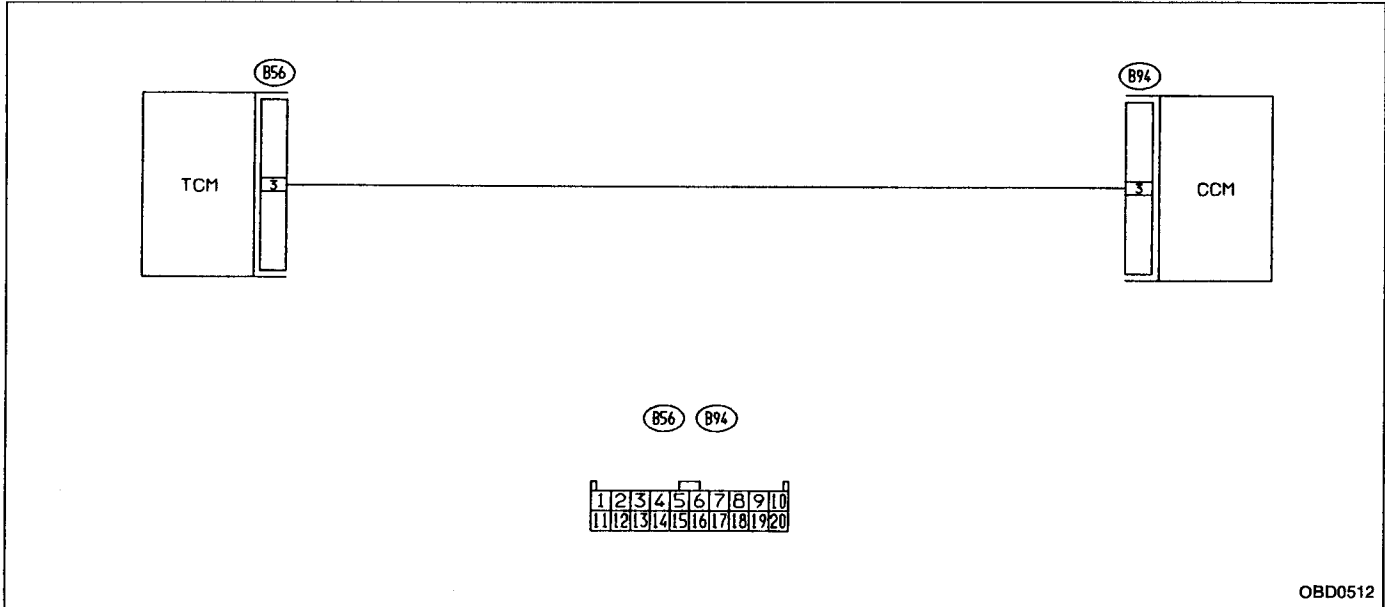


NOTE:

For the diagnostic procedure on throttle position sensor circuit malfunction (DTC P1700), refer to 2-7 [T10BK0]☆2.

BJ: DTC P1701
— CRUISE CONTROL SET SIGNAL CIRCUIT
MALFUNCTION (ATCRS) —

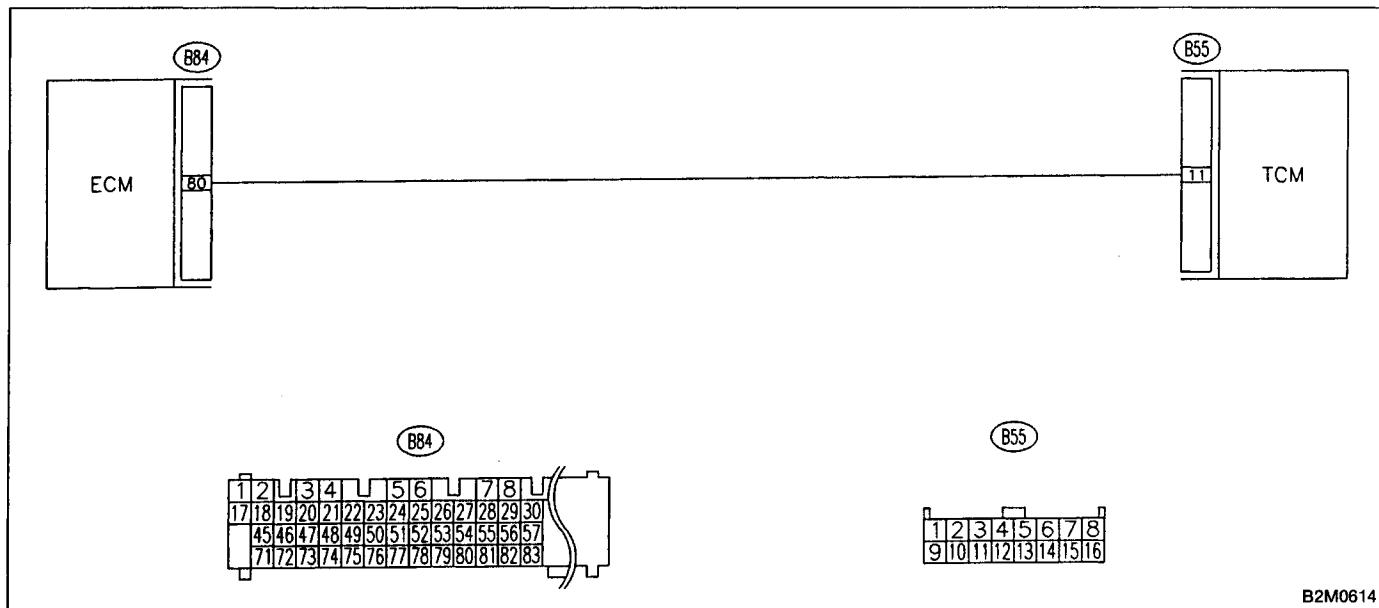
WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on cruise control set signal circuit malfunction (DTC P1701), refer to 2-7 [T10BL0]☆2.

BK: DTC P1702
— AUTOMATIC TRANSMISSION DIAGNOSIS
INPUT SIGNAL CIRCUIT MALFUNCTION
(ATDIAG) —

WIRING DIAGRAM:



NOTE:
 For the diagnostic procedure on automatic transmission diagnosis input signal circuit malfunction (DTC P1702), refer to 2-7 [T10BM0]☆2.