

**SUBARU®**

E-GC1 E-GF1  
E-GC4 E-GF3  
E-GC6 E-GF4  
E-GC8 E-GF6  
E-GF8

*Impreza*

電 氣 配 線 図 集

年改区分：C

**COMPILED & TRANSLATED BY:**

**-=SUBERDAVE=-**

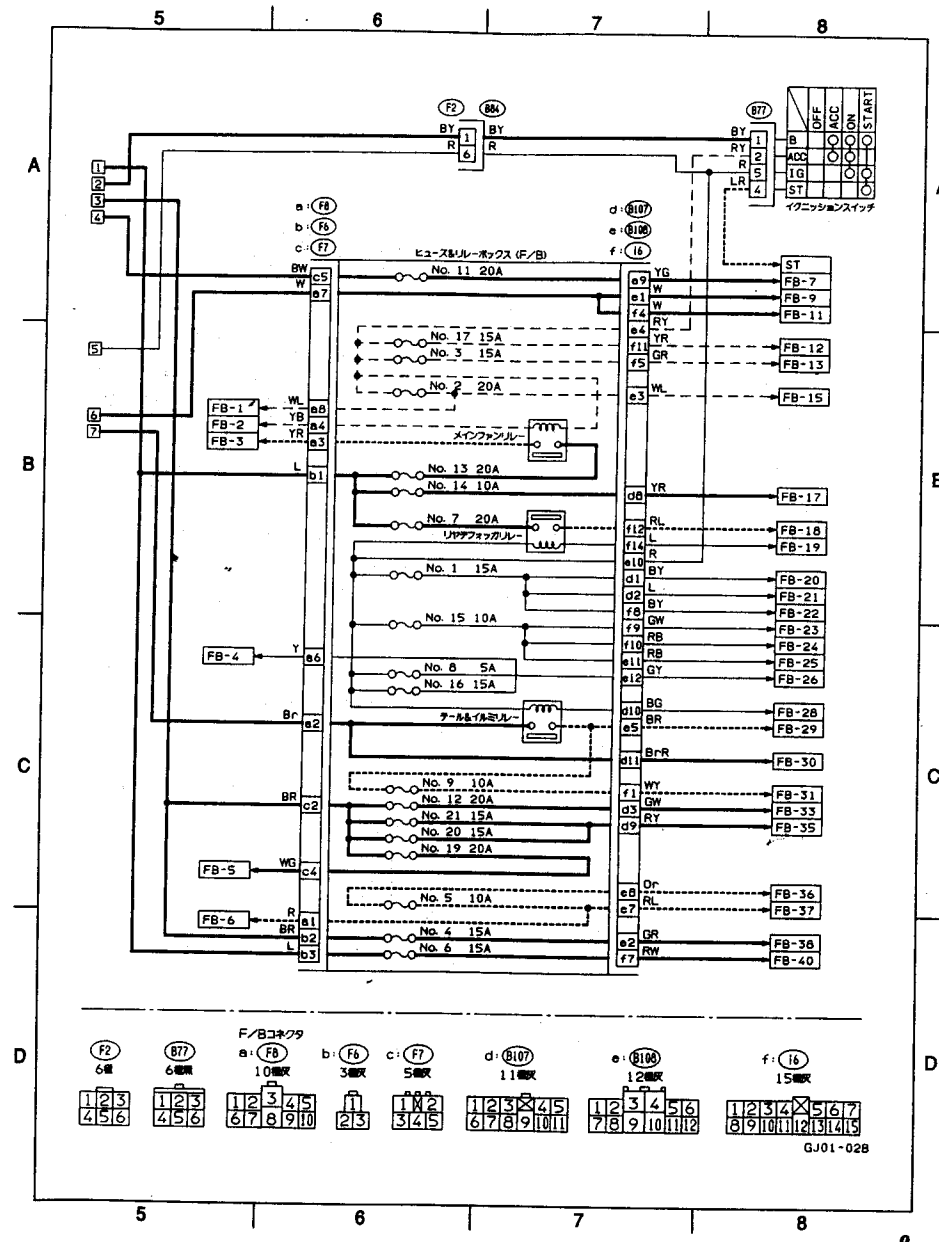
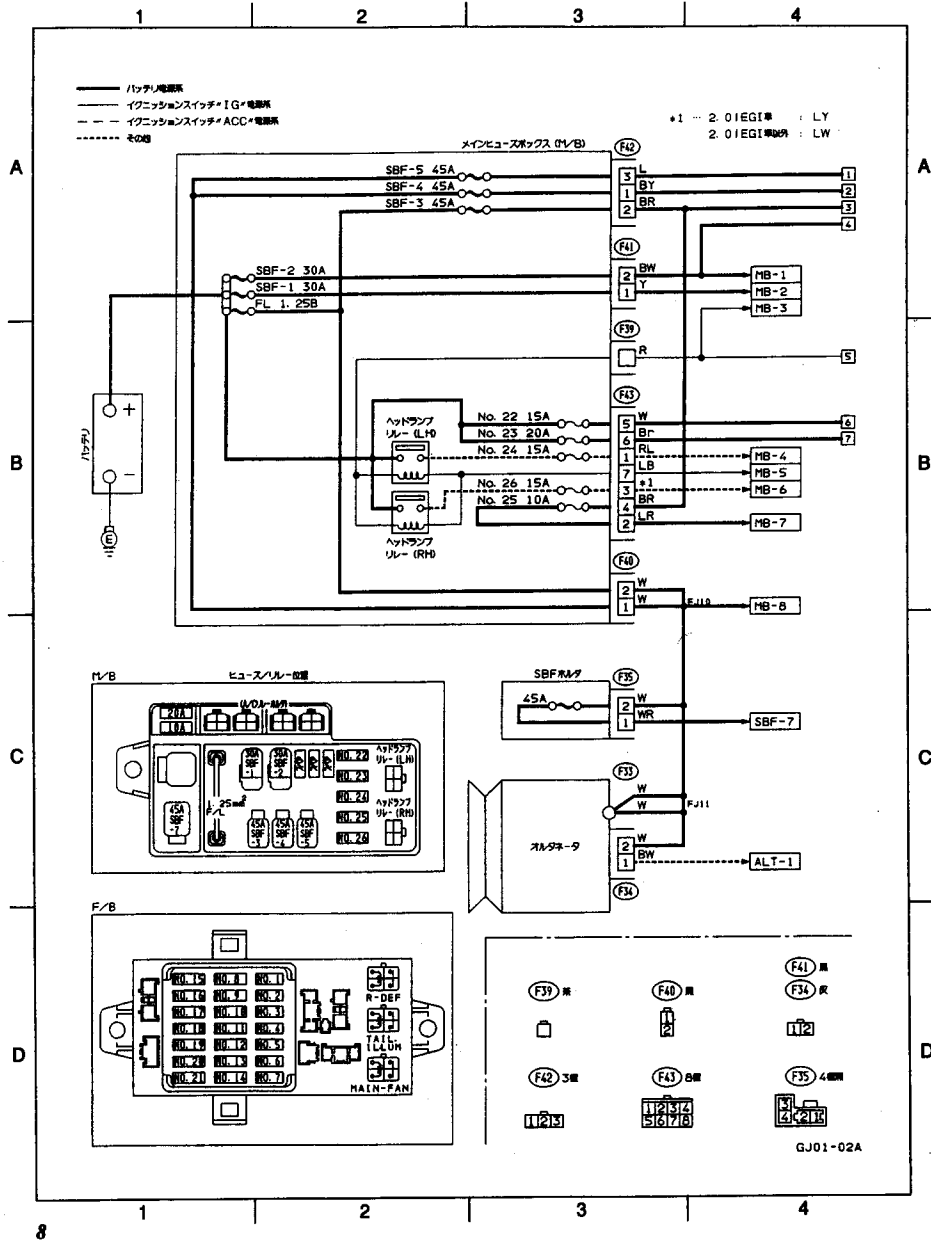
**WWW.SUBERDAVE.COM**

**'94. 9**

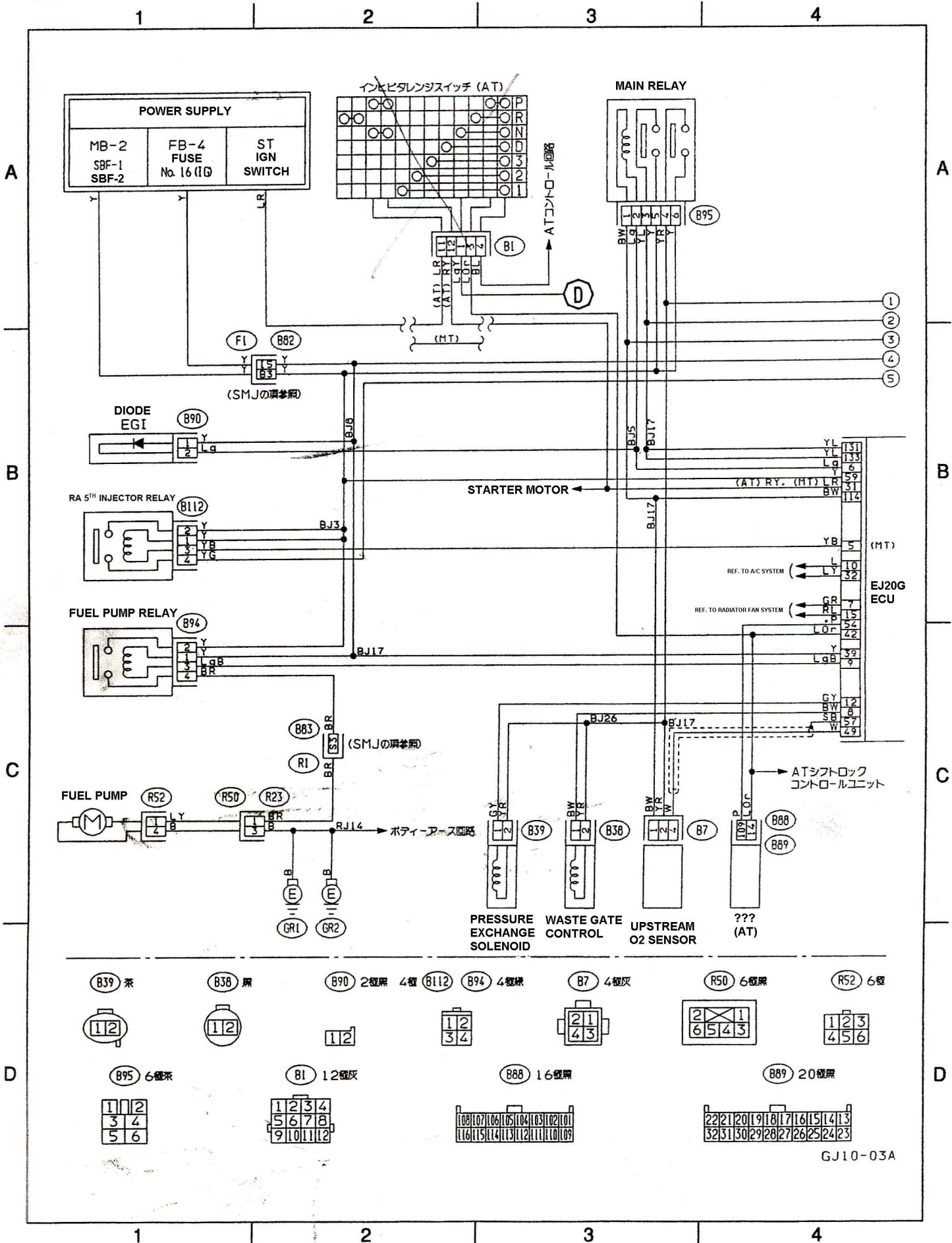
**X1541B**

# 2. 回路図

## (1) 直流電源回路



# (2) エンジンコントロール回路 (2.0EG1)



- |           |           |              |            |           |          |           |          |  |
|-----------|-----------|--------------|------------|-----------|----------|-----------|----------|--|
| (B39) 茶   | (B38) 黒   | (B90) 2極黒 4極 | (B112)     | (B94) 4極緑 | (B7) 4極灰 | (R50) 6極黒 | (R52) 6極 |  |
|           |           |              |            |           |          |           |          |  |
| (B95) 6極茶 | (B1) 12極灰 | (B88) 16極黒   | (B89) 20極黒 |           |          |           |          |  |
|           |           |              |            |           |          |           |          |  |

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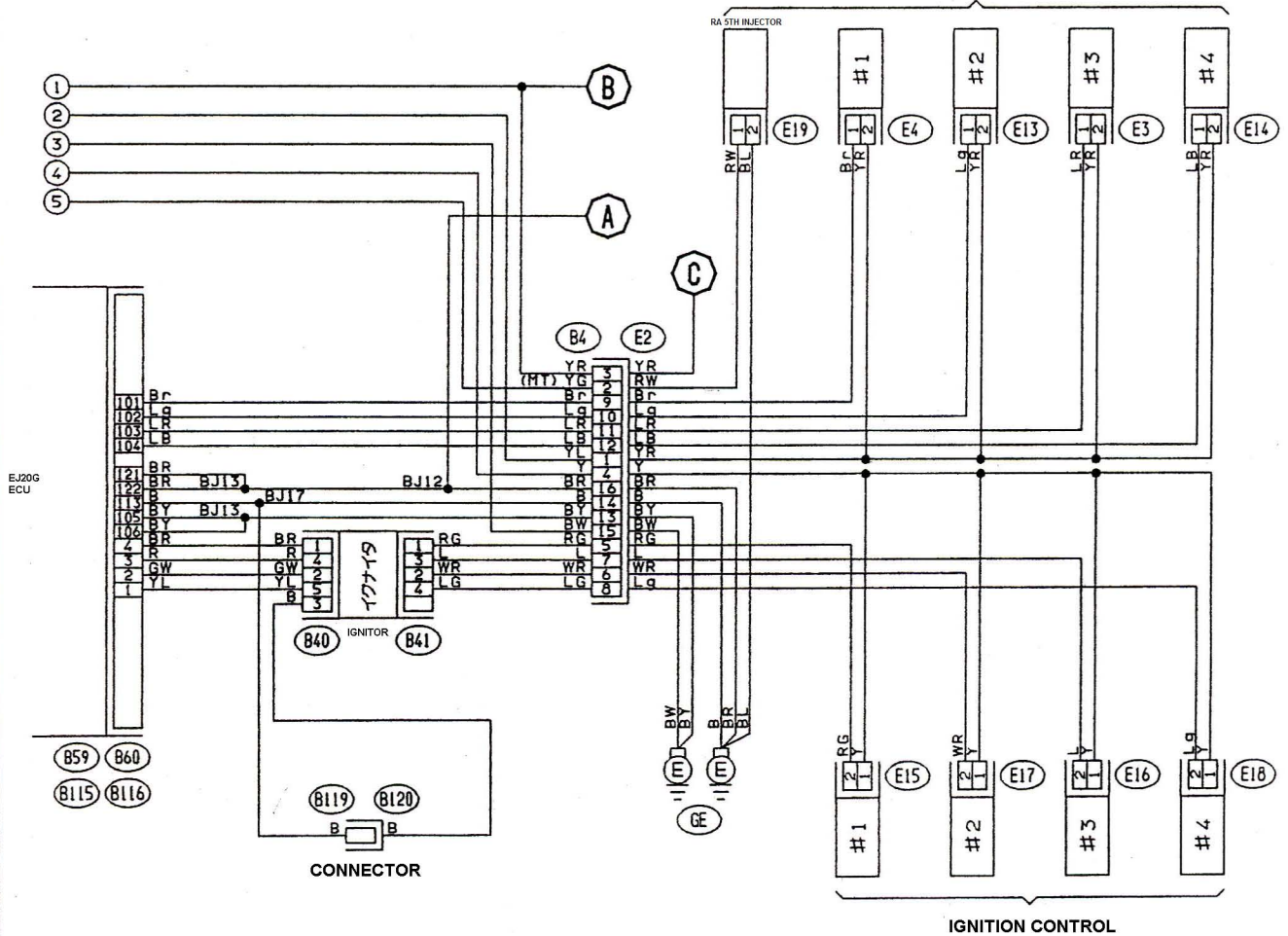
7

8

A

A

FUEL INJECTORS



B

B

C

C

IGNITION CONTROL

- E19 黒  
 灰 E3 E13 灰 灰 E15 E17 灰  
 B119 黒 灰 E4 E14 灰 灰 E16 E18 灰
- B41 4種灰 B40 5種灰 B115 12種黄
- B4 16種灰 B116 16種黄 B59 22種黄 B60 26種黄
- |    |    |    |    |    |    |
|----|----|----|----|----|----|
| 38 | 37 | 36 | 35 | 34 | 33 |
| 44 | 43 | 42 | 41 | 40 | 39 |
- |    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
- |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 |
| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 |
- |     |     |    |    |    |    |    |    |    |    |     |
|-----|-----|----|----|----|----|----|----|----|----|-----|
| 132 | 131 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 45 | 121 |
| 134 | 133 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 122 |
- |     |     |    |    |    |    |    |    |    |   |     |     |     |
|-----|-----|----|----|----|----|----|----|----|---|-----|-----|-----|
| 112 | 111 | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1 | 103 | 102 | 101 |
| 114 | 113 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 106 | 105 | 104 |

D

D

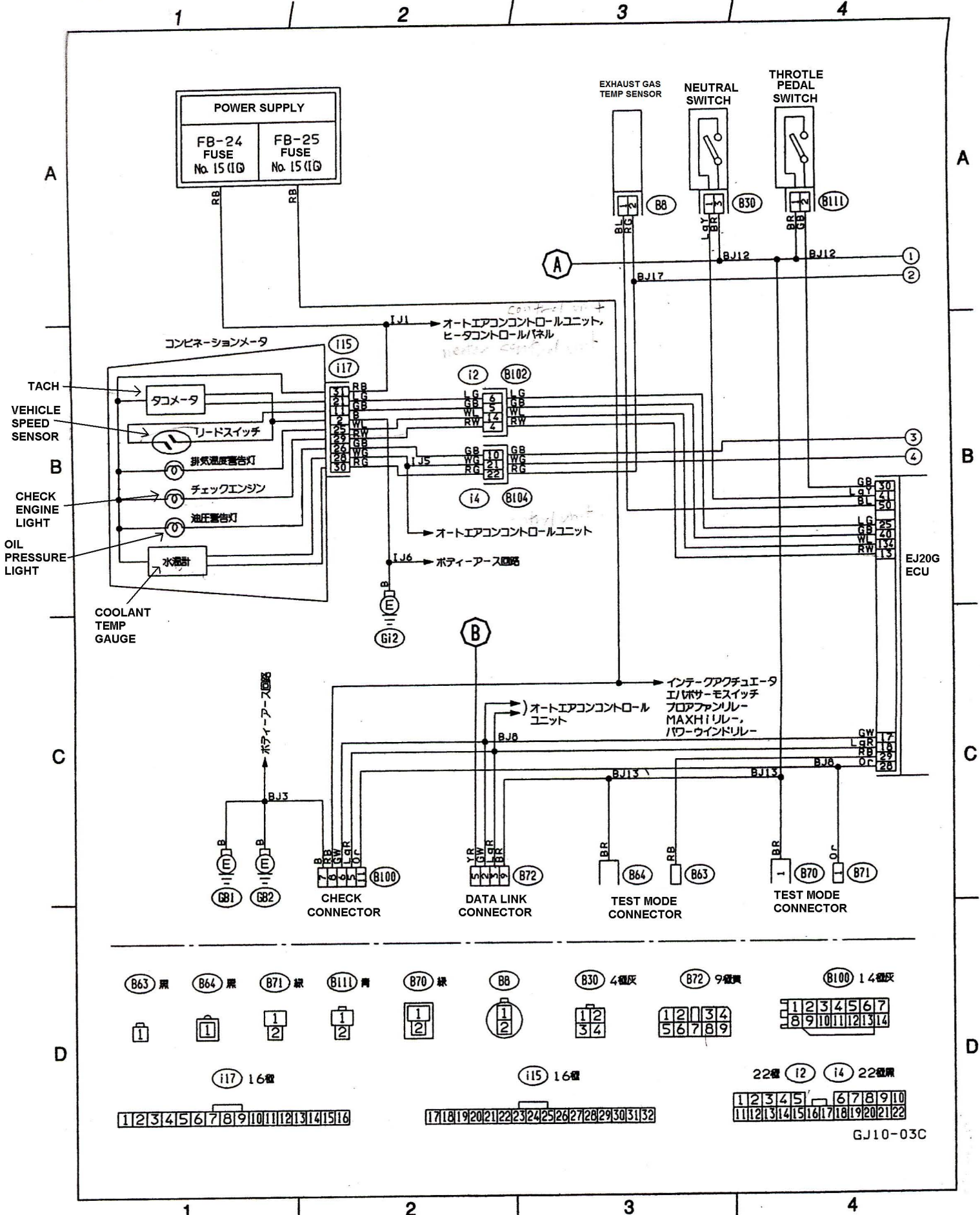
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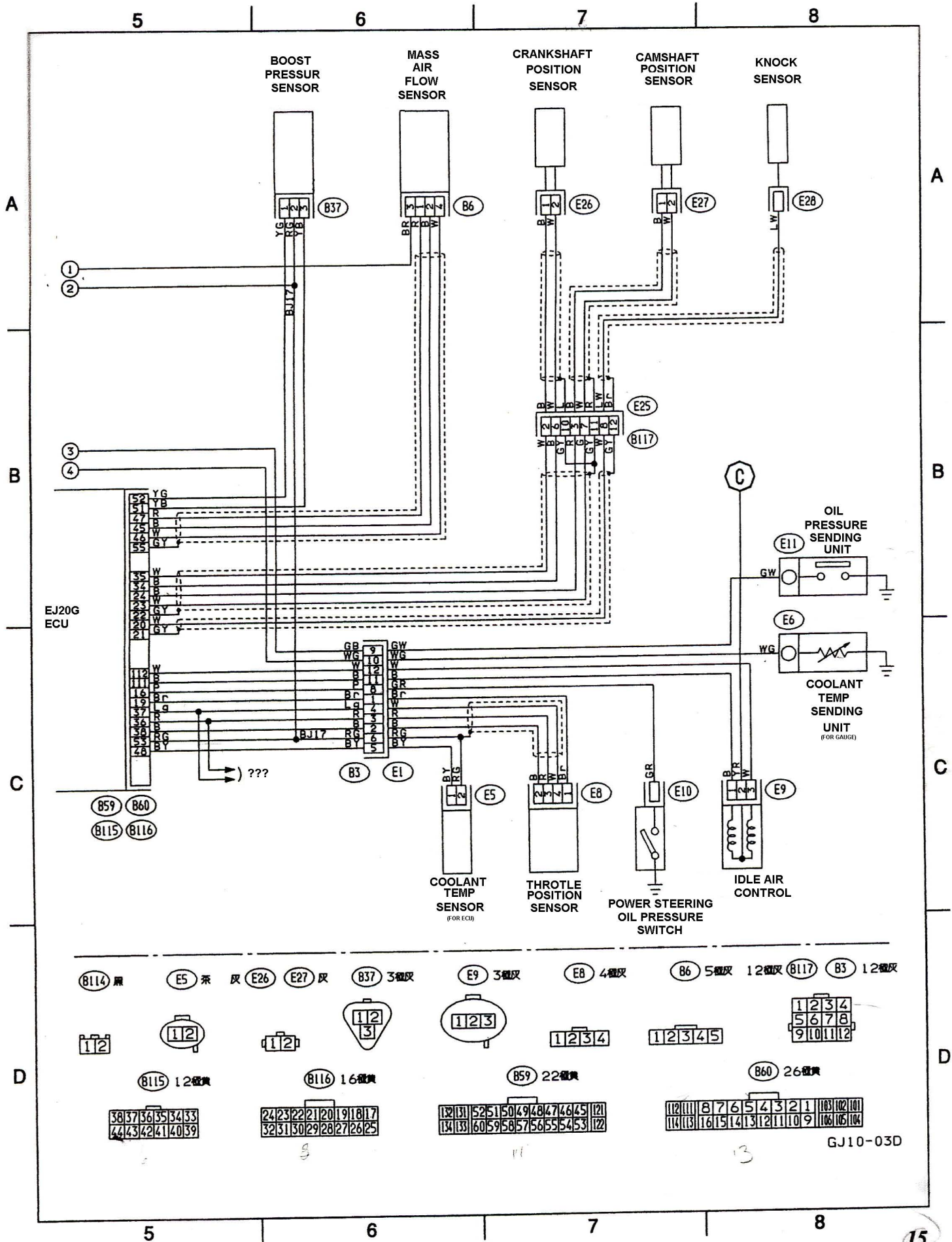
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# (2) エンジンコントロール回路 (2.0EGI) <続き>





(B60) 26種黃

112	111	8	7	6	5	4	3	2	1	103	102	101
114	113	16	15	14	13	12	11	10	9	106	105	104

(B116) 16種黃

24	23	22	21	20	19	18	17
32	31	30	29	28	27	26	25

(B115) 12種黃

38	37	36	35	34	33
44	43	42	41	40	39

(B59) 22種黃

132	131	52	51	50	49	48	47	46	45	121
134	133	60	59	58	57	56	55	54	53	122

1989-1996 EJ20G MPFI TURBO JDM

1989-1996 EJ20G MPFI TURBO EDM

IGNITION MODUAL	B60	2	GW
IGNITION MODUAL	B60	3	R
IGNITION MODUAL	B60	4	BR
RA 5TH INJECTOR RELAY	B60	5	YB
POWER TO MAIN RELAY	B60	6	Lg
A/C	B60	7	GR
WASTE GATE CONTROL	B60	8	BW
FUEL PUMP RELAY	B60	9	LgB
A/C	B60	10	L
NO CONNECTION	B60	11	NA
PRESSURE EXCHANGE SOL	B60	12	GY
IP LIGHT SES	B60	13	RW
NO CONNECTION	B60	14	NA
A/C	B60	15	RL
P/S PRESSURE SWITCH	B60	16	P
INJECTOR # 1	B60	101	Br
INJECTOR # 2	B60	102	Lg
INJECTOR # 3	B60	103	LR
INJECTOR # 4	B60	104	LB
GROUND	B60	105	BY
GROUND	B60	106	BY
IDLE AIR CONTROL	B60	111	B
IDLE AIR CONTROL	B60	112	W
IGNITION GROUND	B60	113	B
O2 SENSOR	B60	114	BW

IGNITION MODUAL	B44	9	GW
IGNITION MODUAL	B44	8	R
IGNITION MODUAL	B44	7	BR
PURGE CONT SOLENOID*	B44	6	WL*
POWER TO MAIN RELAY	B44	5	Lg
A/C	B44	4	GR
WASTE GATE CONTROL	B44	3	BW
FUEL PUMP RELAY	B44	23	LgB
A/C	B44	22	L
NO CONNECTION	B44	21	NA
PRESSURE EXCHANGE SOL	B44	20	GY
IP LIGHT SES	B44	19	RW
NO CONNECTION	B44	18	NA
A/C	B44	17	RL
P/S PRESSURE SWITCH	B44	16	P
INJECTOR # 1	B44	13	Br
INJECTOR # 2	B44	12	Lg
INJECTOR # 3	B44	11	LR
INJECTOR # 4	B44	26	LB
GROUND	B44	24	BY
GROUND	B44	25	BY
IDLE AIR CONTROL	B44	2	B
IDLE AIR CONTROL	B44	1	W
IGNITION GROUND	B44	15	B
O2 SENSOR	B44	14	BW

16 PIN B116 CONNECTOR

SENSOR	CONNECTOR	TERMINAL NO.	COLOR
CHECK CONNECTOR	B116	17	GW
CHECK CONNECTOR	B116	18	LgR
TPS	B116	19	Br
KNOCK SENSOR	B116	20	W
KNOCK SIELD	B116	21	GY
CAM CRANK SIELD	B116	22	GY
CAM SHAFT SENSOR	B116	23	W
CAM SHAFT SENSOR	B116	24	B
TACH	B116	25	LG
NO CONNECTION	B116	26	NA
NO CONNECTION	B116	27	NA
CHECK CONNECTOR	B116	28	Or
CHECK CONNECTOR	B116	29	RB
THROTL PEDAL SWITCH	B116	30	GB
IGN SWITCH	B116	31	LR
A/C	B116	32	LY

16 PIN B96 CONNECTOR

SENSOR	CONNECTOR	TERMINAL NO.	COLOR
CHECK CONNECTOR	B96	8	GW
CHECK CONNECTOR	B96	7	LgR
TPS	B96	6	Br
KNOCK SENSOR	B96	5	W
KNOCK SIELD	B96	4	SB*
CAM CRANK SIELD	B96	3	SB*
CAM SHAFT SENSOR	B96	2	W
CAM SHAFT SENSOR	B96	1	B
TACH	B96	16	LG
NO CONNECTION	B96	15	NA
NO CONNECTION	B96	14	NA
CHECK CONNECTOR	B96	13	Lg*
CHECK CONNECTOR	B96	12	RB
NO CONNECTION*	B96	11	NA*
IGN SWITCH	B96	10	LR
A/C	B96	9	LY

12 PIN B115 CONNECTOR

SENSOR	CONNECTOR	TERMINAL NO.	COLOR
NO CONNECTION	B115	33	NA
CRANK SHAFT SENSOR	B115	34	B
CRANK SHAFT SENSOR	B115	35	W
TPS	B115	36	R
TPS	B115	37	Lg
TPS	B115	38	B
FUEL PUMP RELAY IGN	B115	39	Y
VEHICLE SPEED SENSOR	B115	40	GB
NEUTRAL SWITCH	B115	41	LgY
NO CONNECTION	B115	42	NA
NO CONNECTION	B115	43	NA
NO CONNECTION	B115	44	NA

12 PIN B95 CONNECTOR

SENSOR	CONNECTOR	TERMINAL NO.	COLOR
CRANK SHAFT SIELD*	B95	6	SB*
CRANK SHAFT SENSOR	B95	5	B
CRANK SHAFT SENSOR	B95	4	W
TPS	B95	3	R
TPS	B95	2	Lg
TPS	B95	1	B
FUEL PUMP RELAY IGN	B95	12	Y
VEHICLE SPEED SENSOR	B95	11	G*
NEUTRAL SWITCH	B95	10	LgY
NO CONNECTION	B95	9	NA
NO CONNECTION	B95	8	NA
NO CONNECTION	B95	7	NA

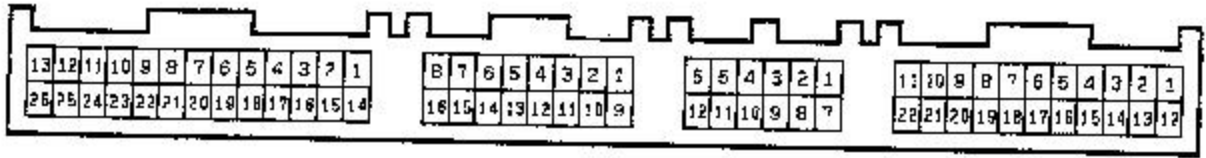
22 PIN B59 CONNECTOR

SENSOR	CONNECTOR	TERMINAL NO.	COLOR
MAF	B59	45	B
MAF	B59	46	W
MAF	B59	47	R
COOLANT TEMP	B59	48	BY
O2 SENSOR	B59	49	W
EXHAUST GAS TEMPSENSOR	B59	50	BL
BOOST PRESSURE	B59	51	YB
BOOST PRESSURE	B59	52	YG
BOOST / COOLANT TEMP	B59	53	RG
NO CONNECTION	B59	54	NA
MAF SIELD	B59	55	GY
NO CONNECTION	B59	56	NA
O2 SENSOR SIELD	B59	57	SB
NO CONNECTION	B59	58	NA
FUEL PUMP/ IGN SWITCH	B59	59	Y
NO CONNECTION	B59	60	NA
GROUND	B59	121	BR
GROUND	B59	122	BR
MAIN REALY INJ	B59	131	YL
NO CONNECTION	B59	132	NA
MAIN REALY	B59	133	YL
IP LIGHT SES?	B59	134	WL

22 PIN B43 CONNECTOR

SENSOR	CONNECTOR	TERMINAL NO.	COLOR
MAF	B43	10	B
MAF	B43	9	W
MAF	B43	8	R
COOLANT TEMP	B43	7	BY
O2 SENSOR	B43	6	W
NO CONNECTION*	B43	5	NA*
BOOST PRESSURE	B43	4	YB
BOOST PRESSURE	B43	3	YG
BOOST / COOLANT TEMP	B43	21	RG
NO CONNECTION	B43	20	NA
MAF SIELD	B43	19	SB*
NO CONNECTION	B43	18	NA
O2 SENSOR SIELD	B43	17	SB
NO CONNECTION	B43	16	NA
FUEL PUMP/ IGN SWITCH	B43	15	YR*
NO CONNECTION	B43	14	NA
GROUND	B43	11	BR
GROUND	B43	22	BR
MAIN REALY INJ	B43	2	YL
NO CONNECTION	B43	1	NA
MAIN REALY	B43	13	YL
NO CONNECTION	B43	12	NA





To **B44**

To **B96**

To **B95**

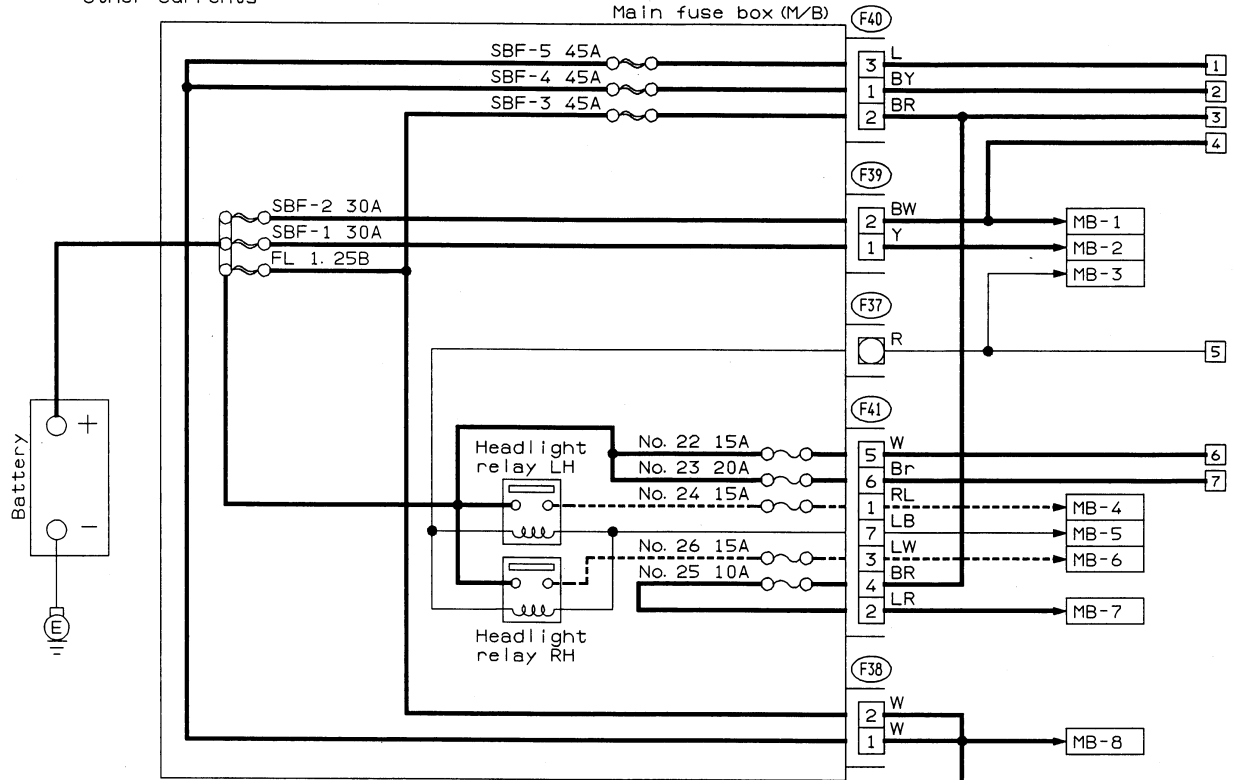
To **B43**

# WIRING DIAGRAM

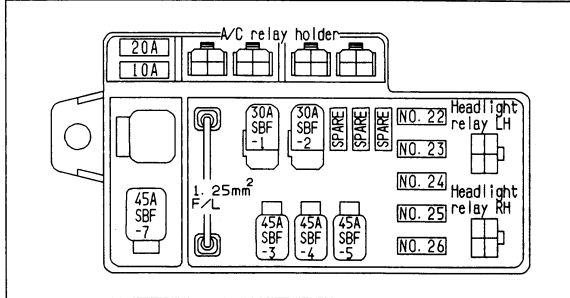
## 6. Wiring Diagram

### 1. POWER SUPPLY ROUTING

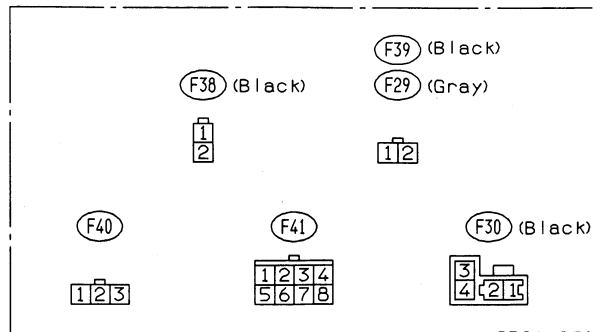
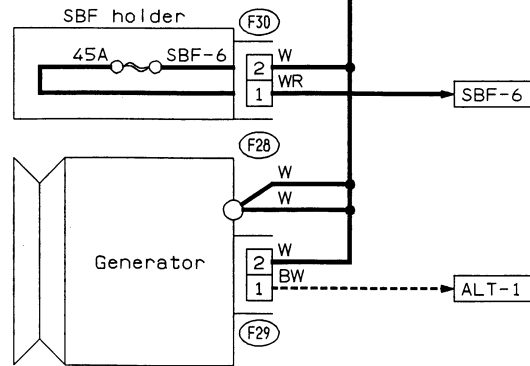
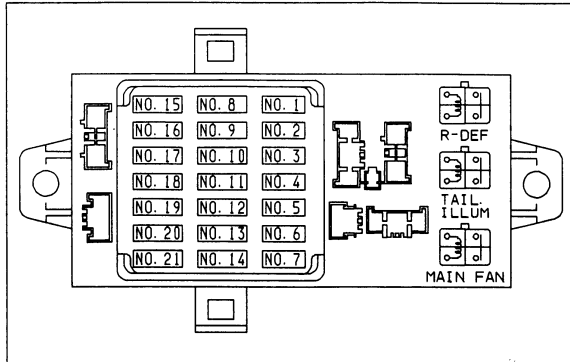
- Battery current
- Current from ignition switch IG terminal
- - - Current from ignition switch ACC terminal
- Other currents



M/B FUSE/RELAY LOCATION

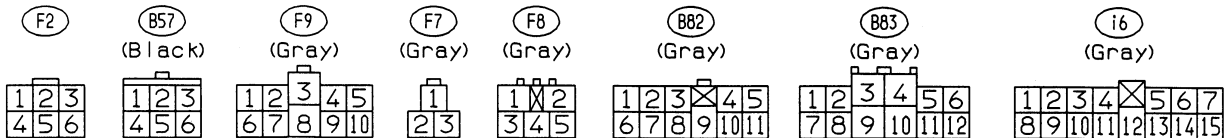
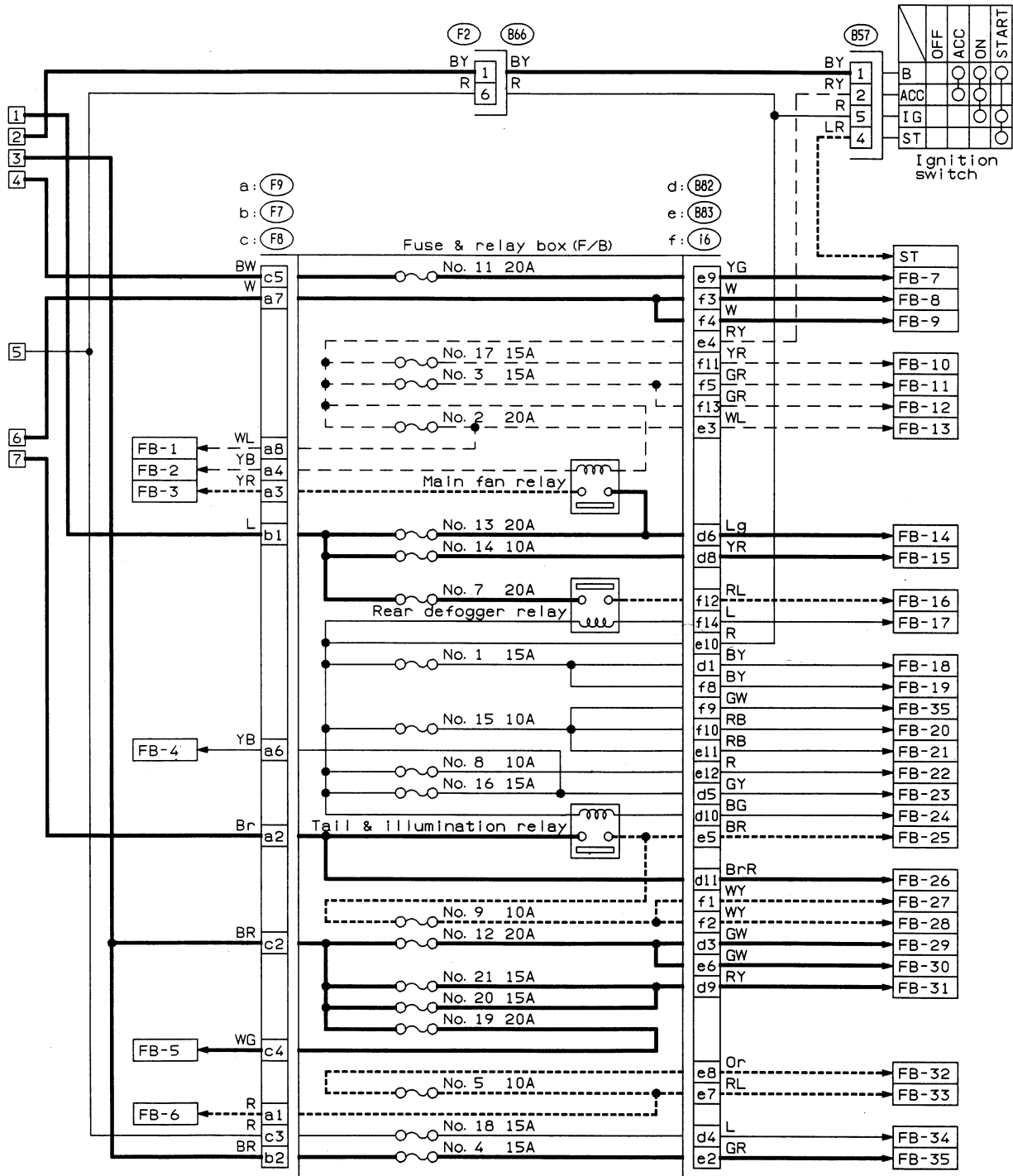


F/B



# WIRING DIAGRAM

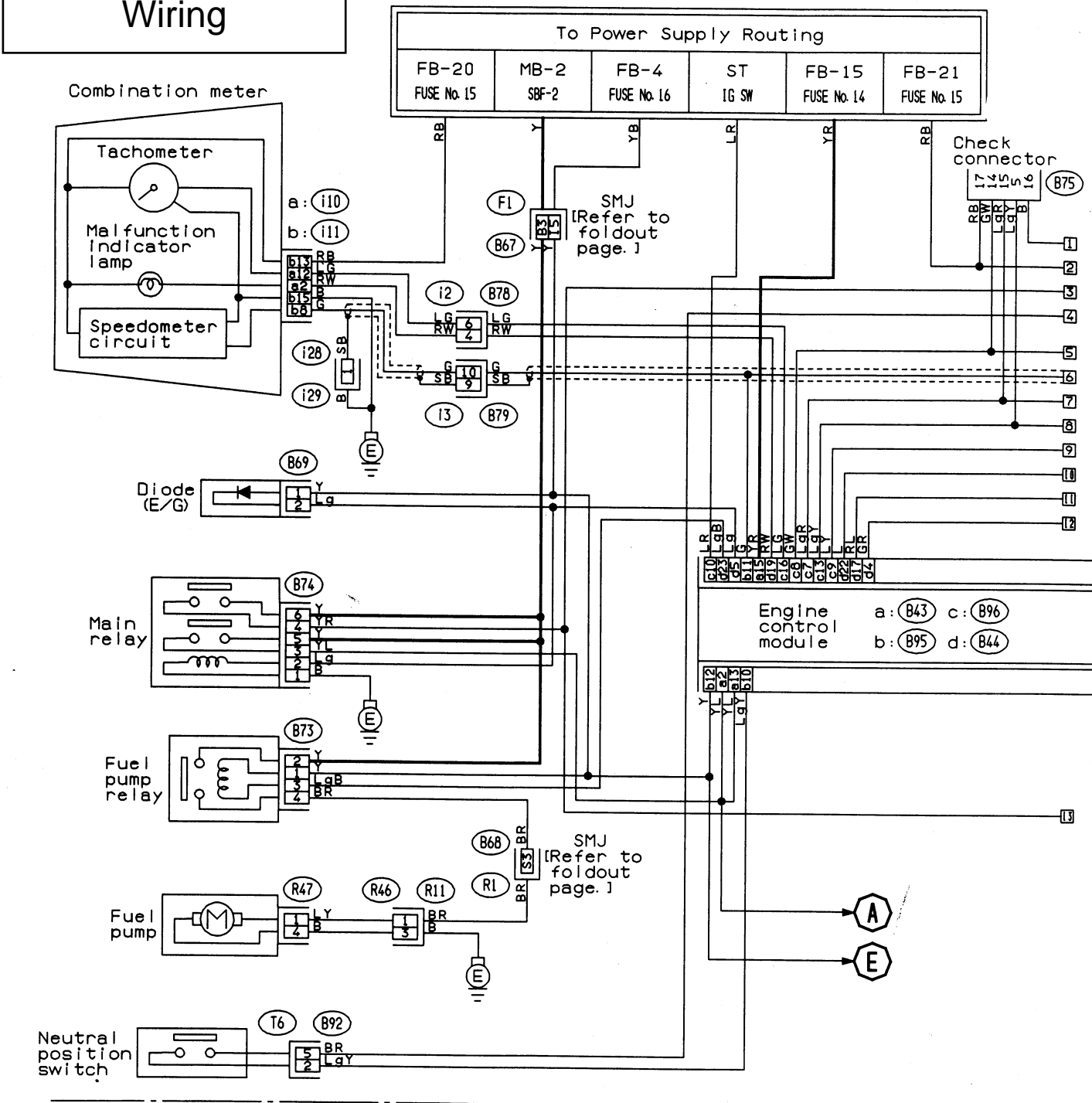
[D601] 6-3  
6. Wiring Diagram



# WIRING DIAGRAM

UK  
Wiring

## 11. ENGINE ELECTRICAL SYSTEM • Turbo model



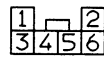
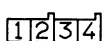
(i28) (Black)

(B69) (Brown)

(B73) (Green)

(R46) (Black)

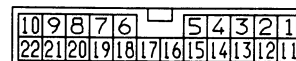
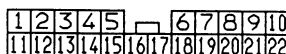
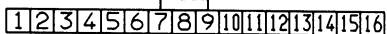
(R47) (B92) (Gray)



(B74) (Brown) (Gray) (i10) (i11) (Gray)

(i2) (i3) (Blue)

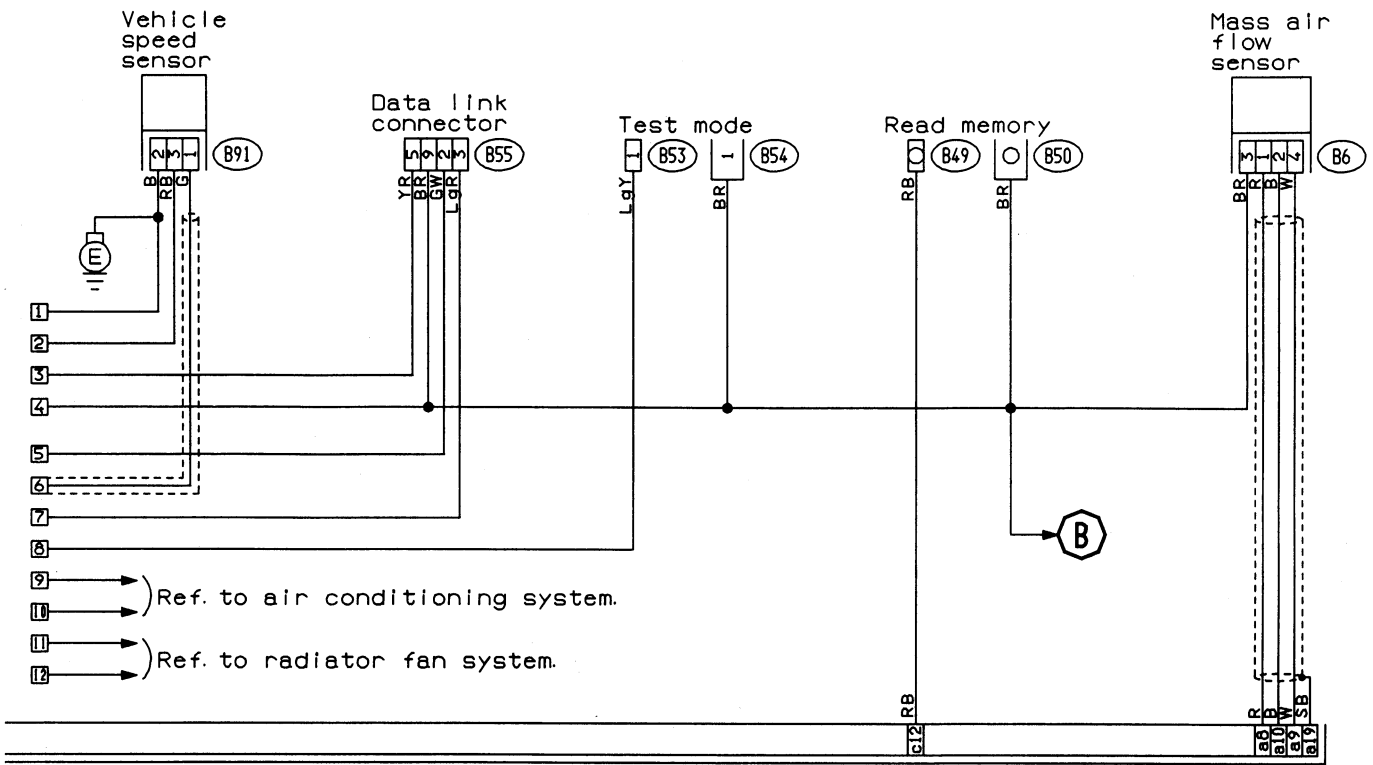
(B75) (Black)



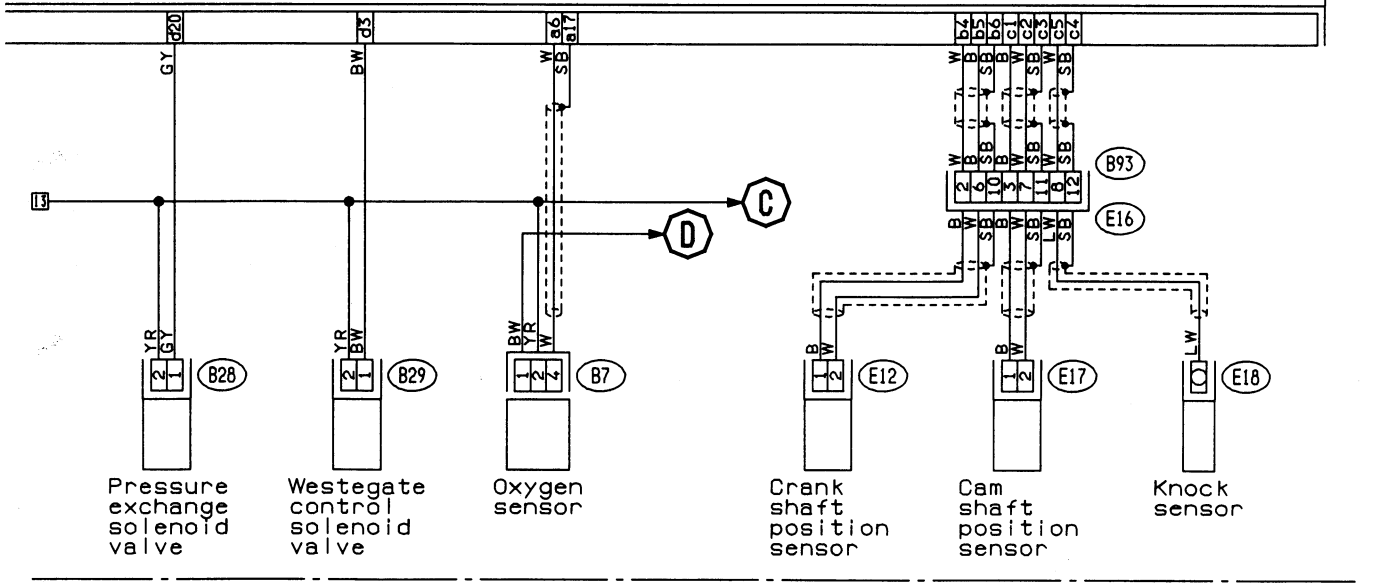
# WIRING DIAGRAM

[D6011] 6-3

## 6. Wiring Diagram

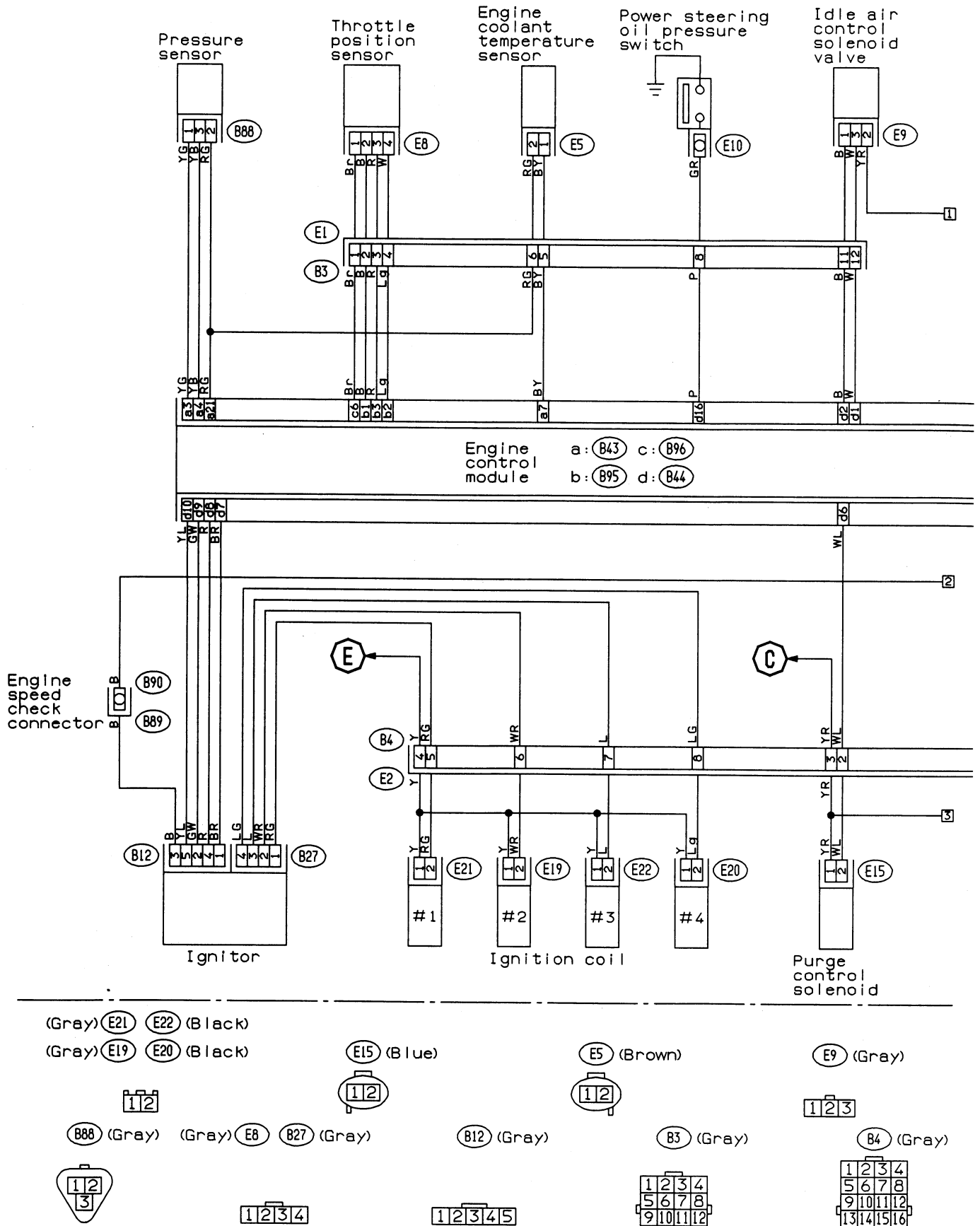


Engine control module  
 a: (B43) c: (B96)  
 b: (B95) d: (B44)

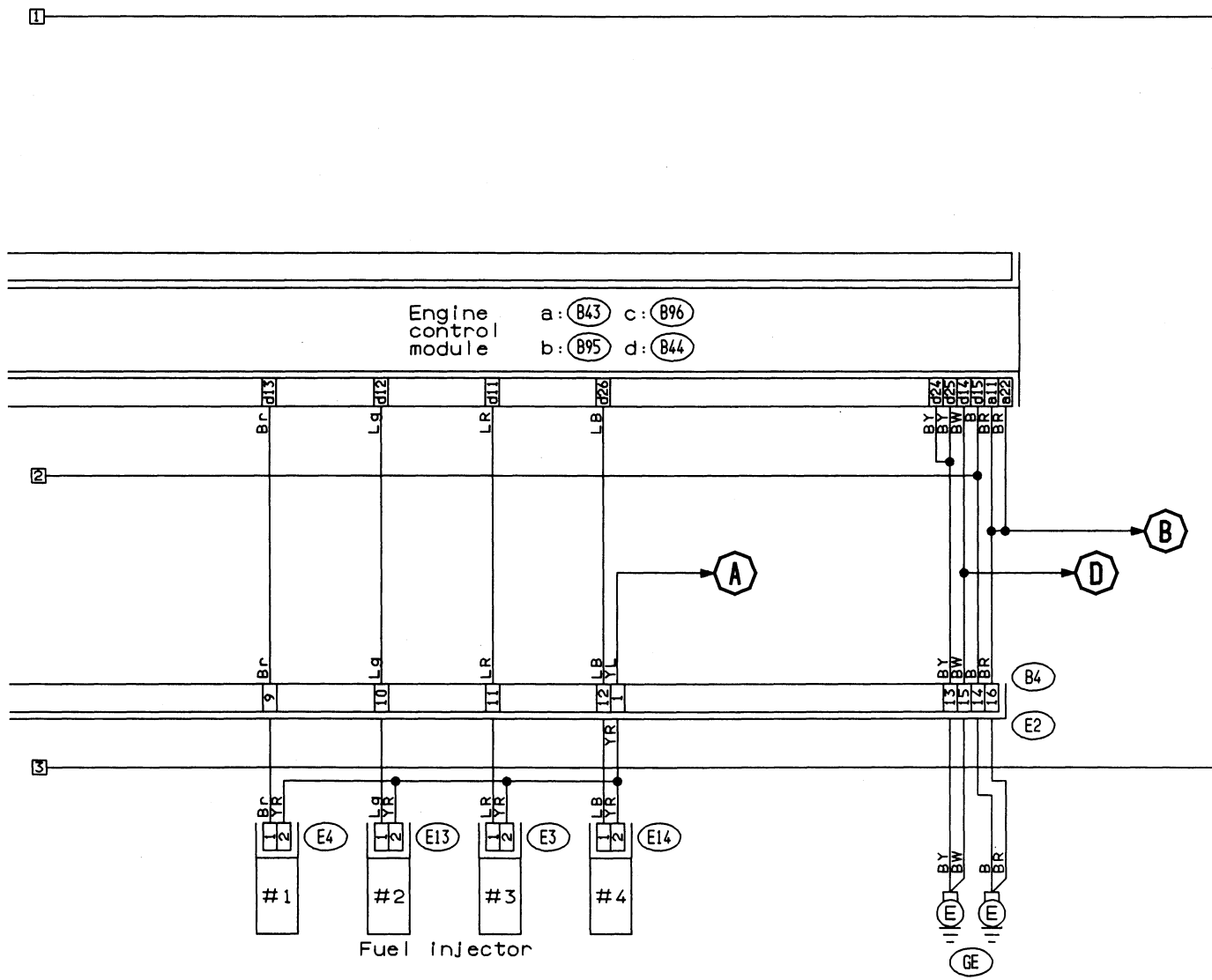


- (E12) (Gray)
- (B28) (Brown)    (B29) (Black)    (B53) (Green)    (B54) (Green)    (B91) (Black)    (B7) (Gray)    (B6) (Gray)    (B55) (Yellow)
- (E17) (Light-gray)
- (B93) (Gray)    (B95) (Yellow)    (B96) (Yellow)    (B43) (Yellow)    (B44) (Yellow)

6. Wiring Diagram



# WIRING DIAGRAM



(Light-gray) (E4) (E3) (Dark-gray)  
(Light-gray) (E13) (E14) (Dark-gray)

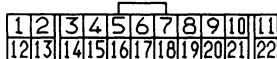
(B95) (Yellow)



(B96) (Yellow)



(B43) (Yellow)



(B44) (Yellow)

