

5. Wiring Diagram and Troubleshooting

1. POWER SUPPLY ROUTING

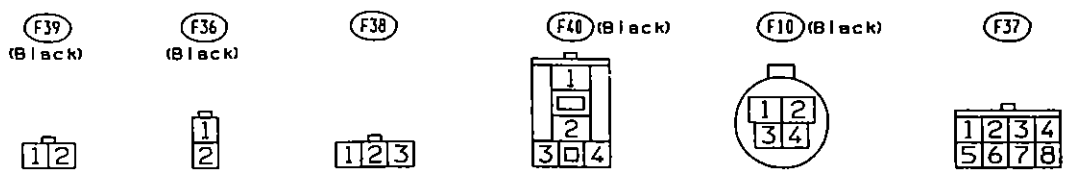
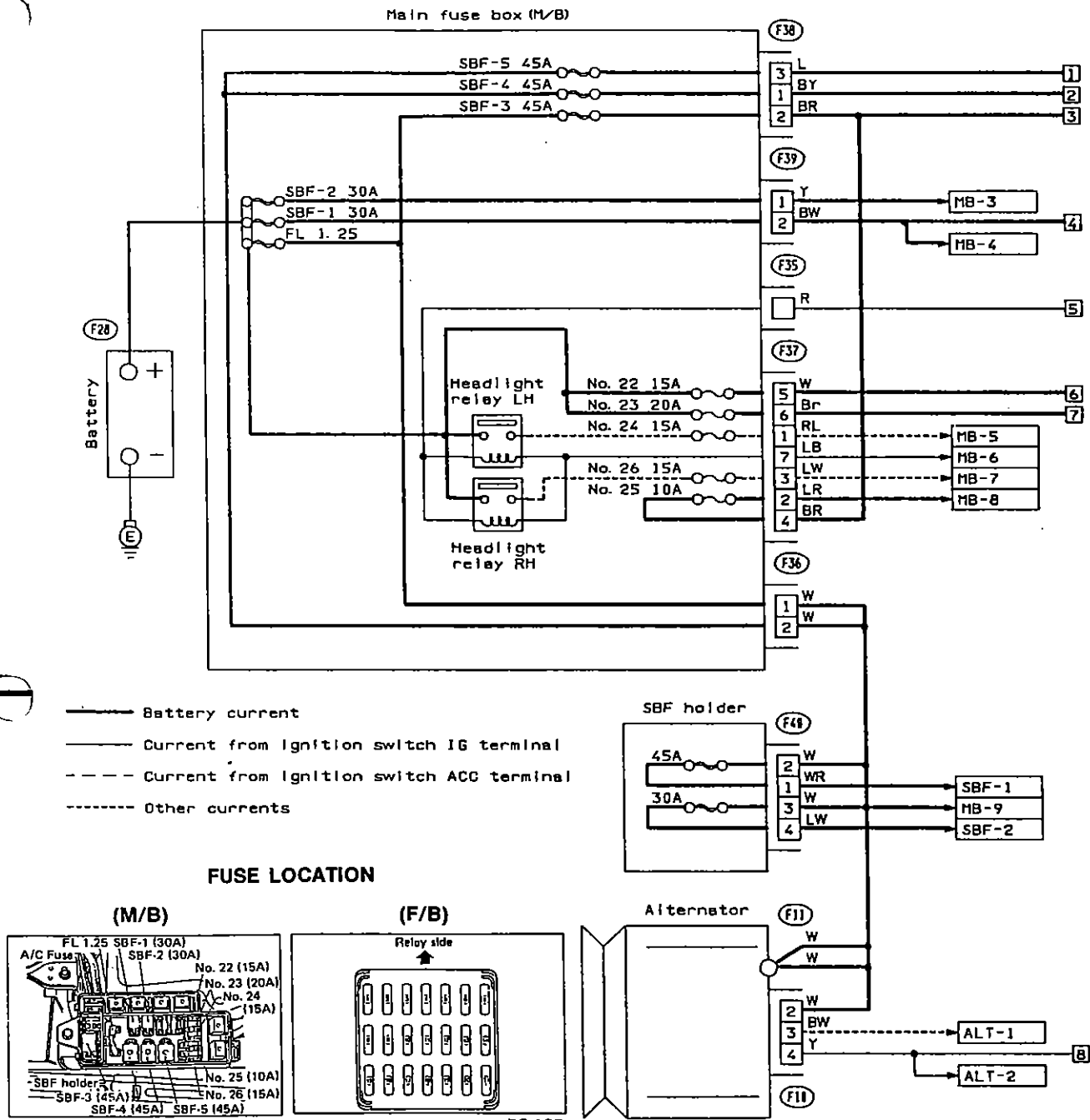
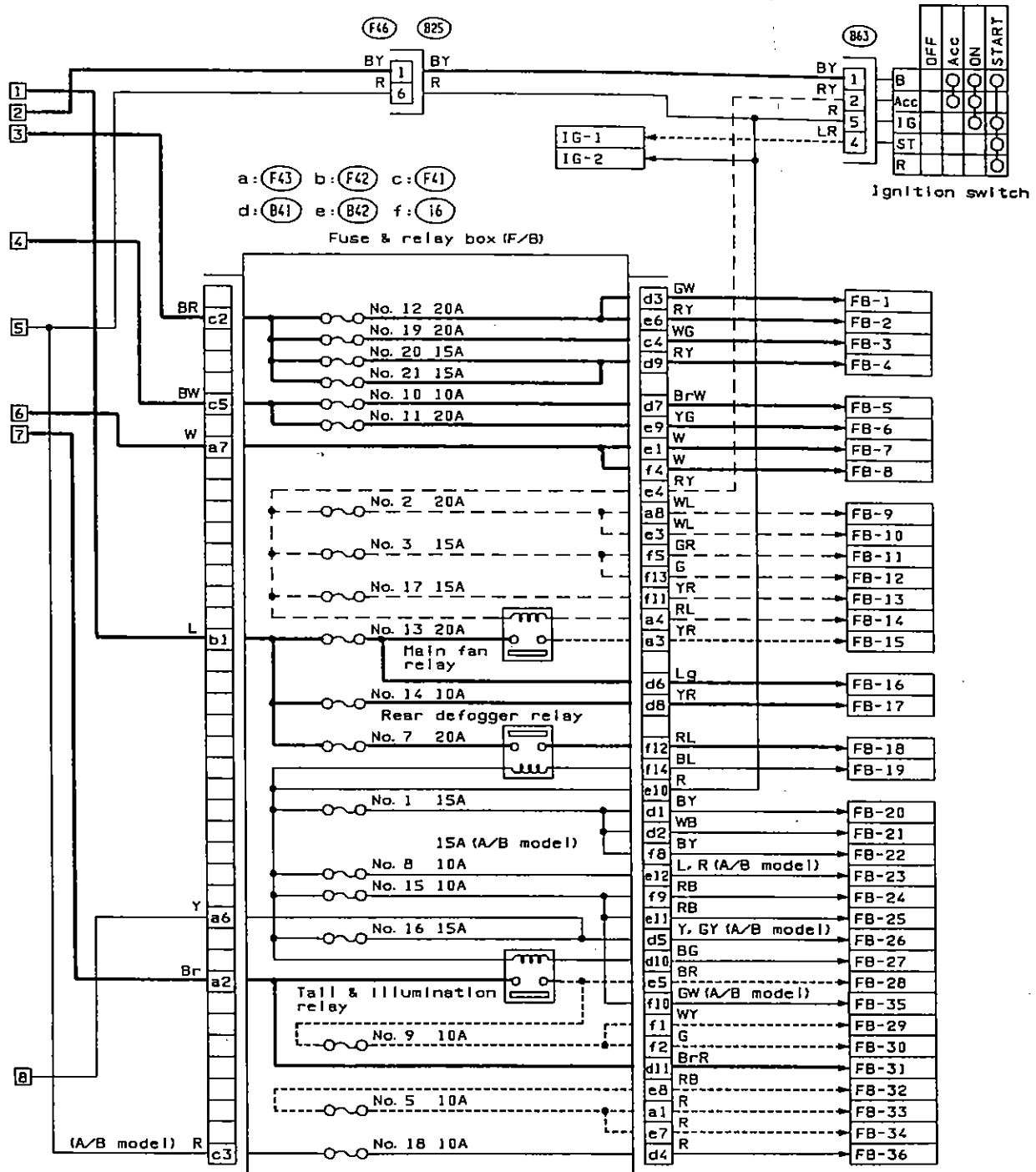


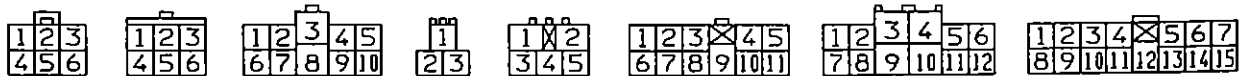
Fig. 25

BU01-03A



F46
 863 (Black)
 a: F43 (Gray)
 b: F42 (Gray)
 c: F41 (Gray)
 d: 841 (Gray)
 e: 842 (Gray)
 f: 16 (Gray)

BU01-03B



2. CHARGING

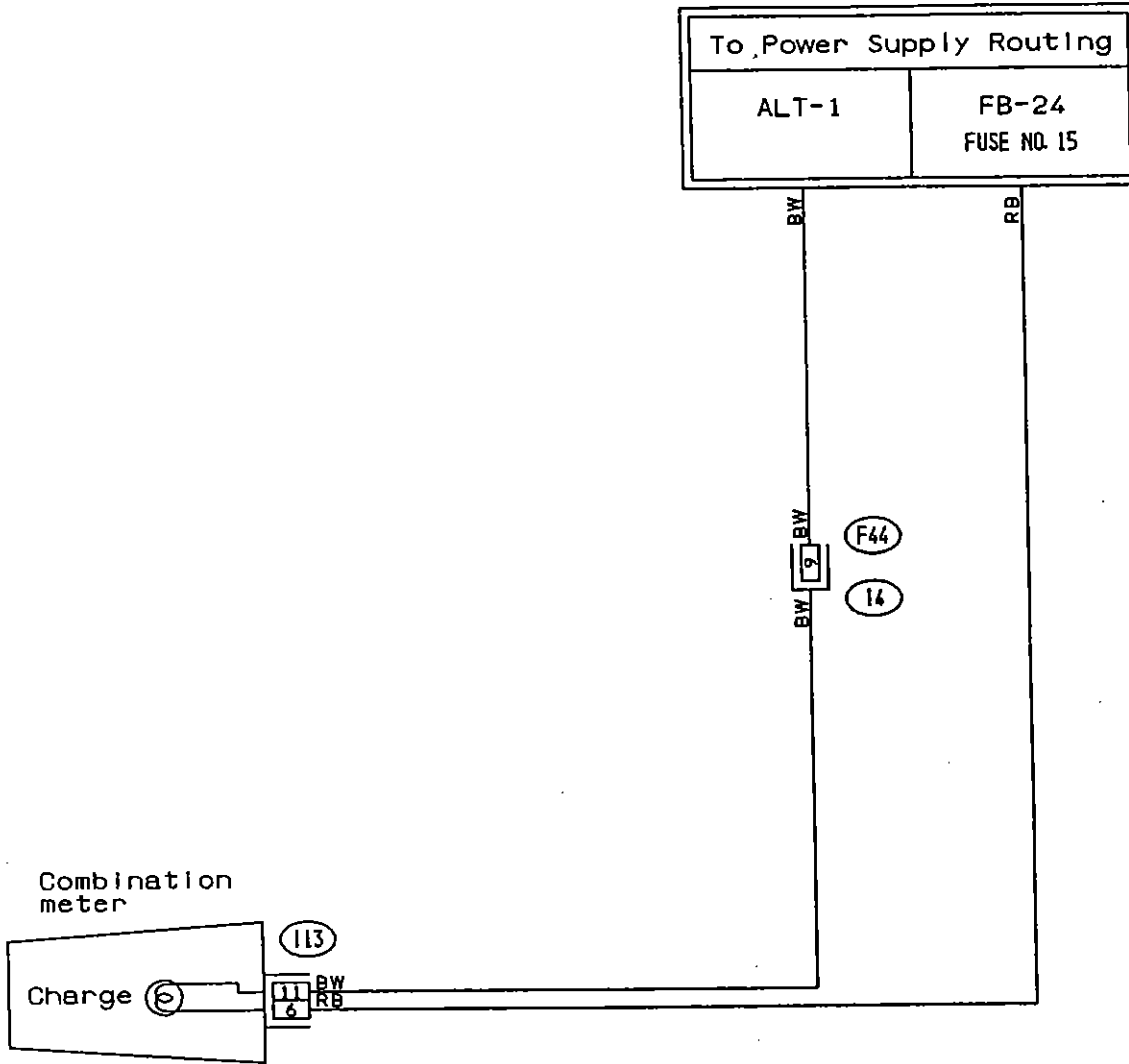
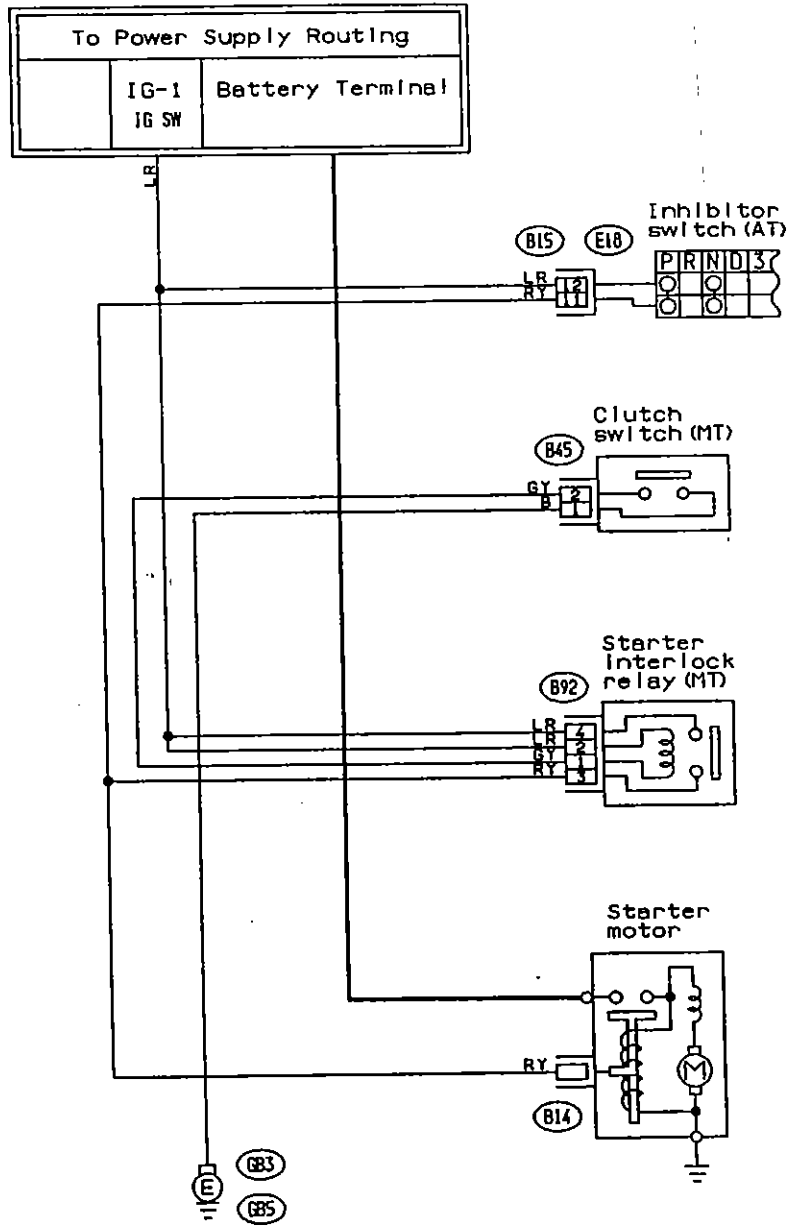


Fig. 26

BU02-03

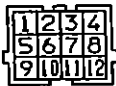
3. STARTING



(B45) (Black)

(B15) (Gray)

(B92) (Blue)



BU03-02

Fig. 27

4. ENGINE ELECTRICAL
MPFI-Non-TURBO

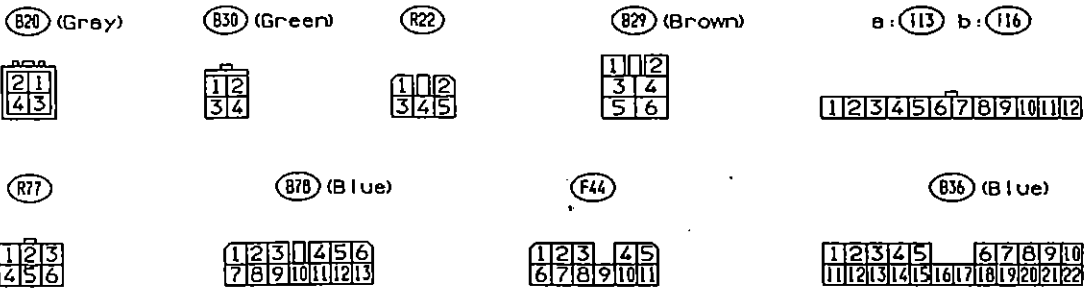
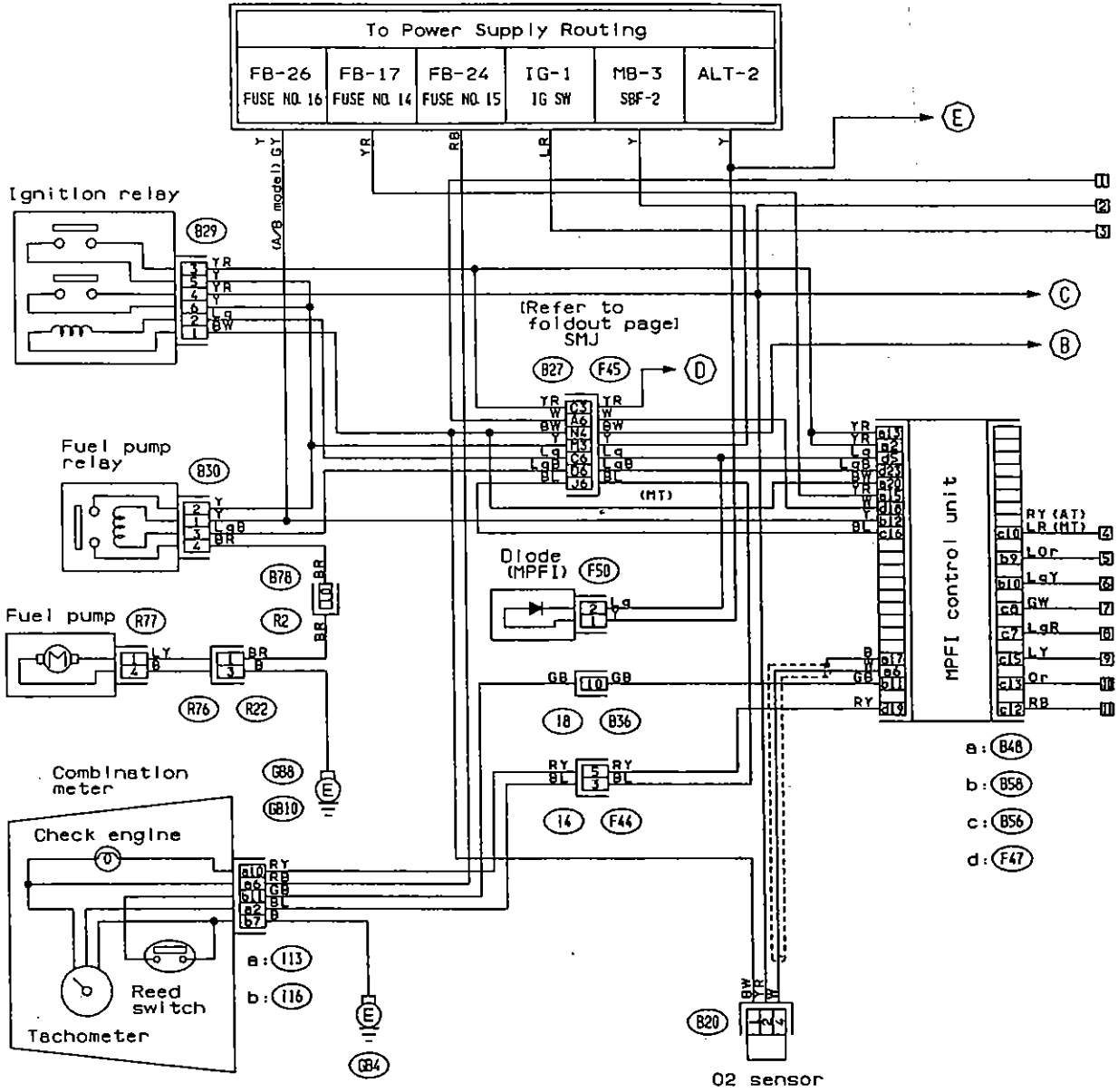
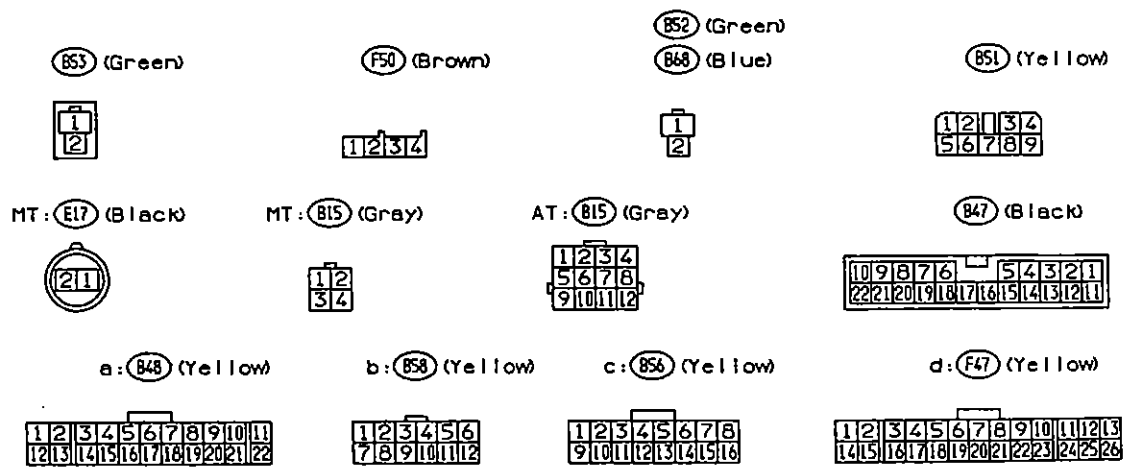
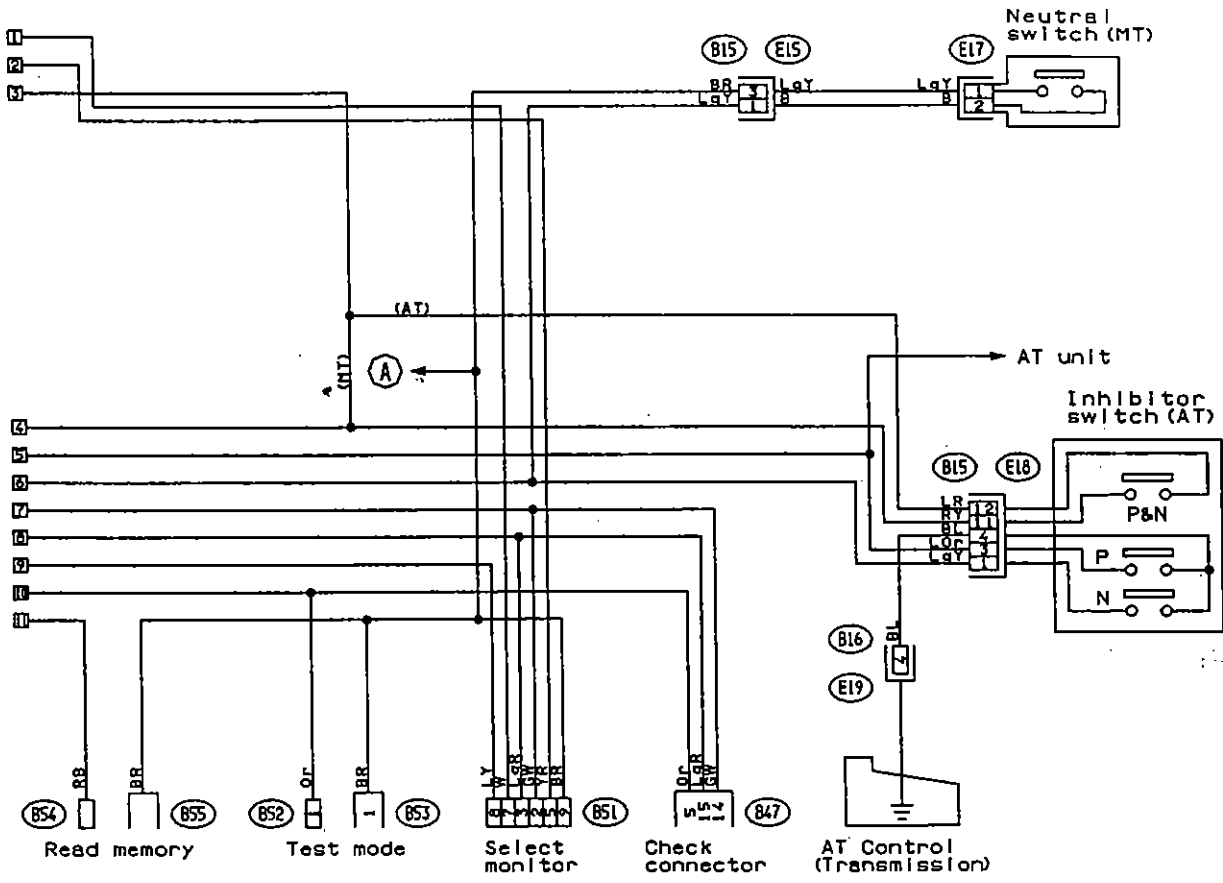
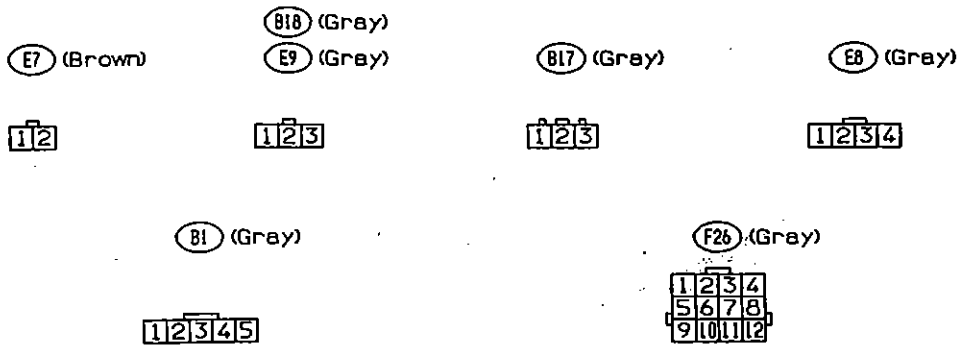
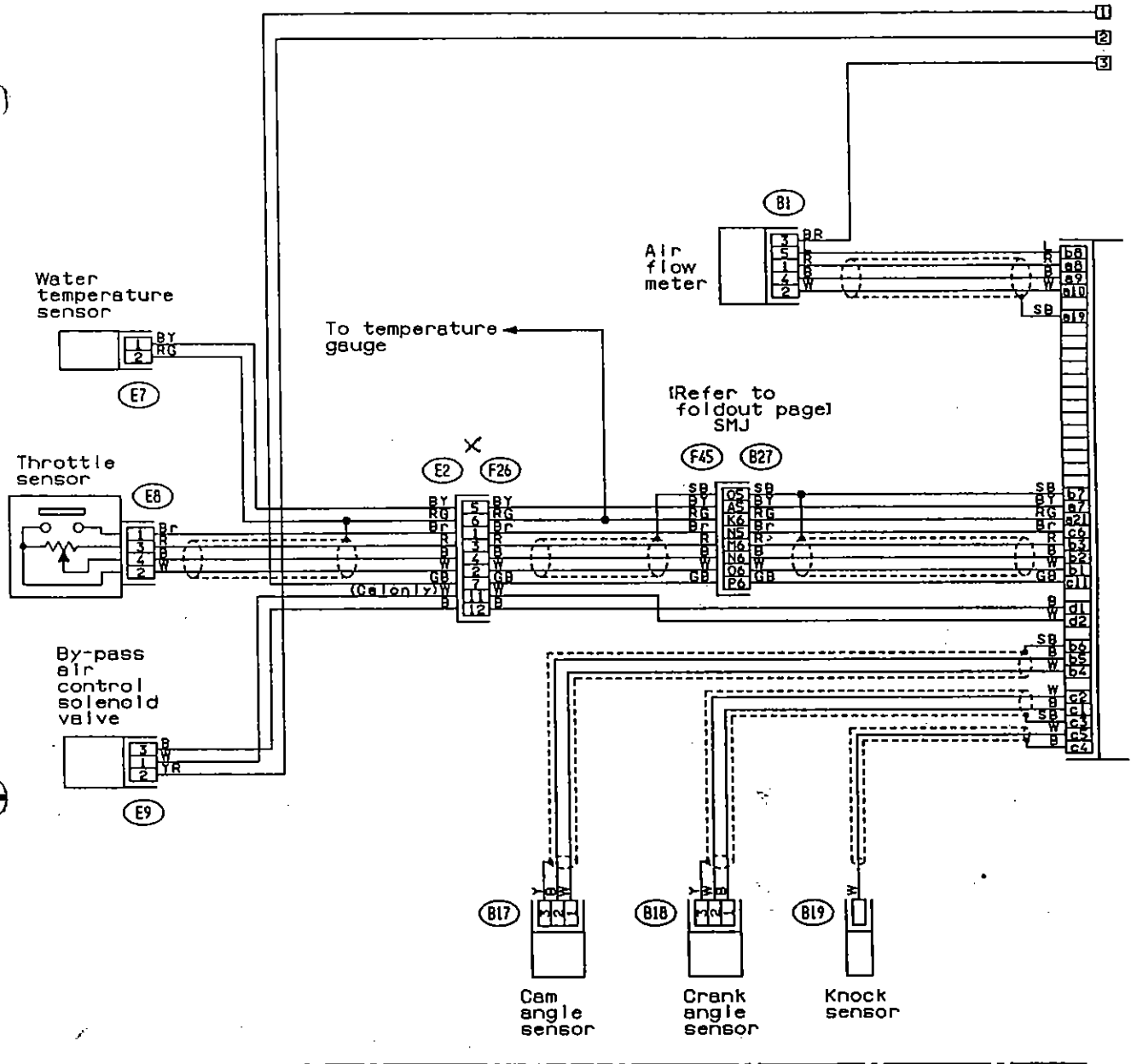


Fig. 28-1

BU10-04A



BU10-04B

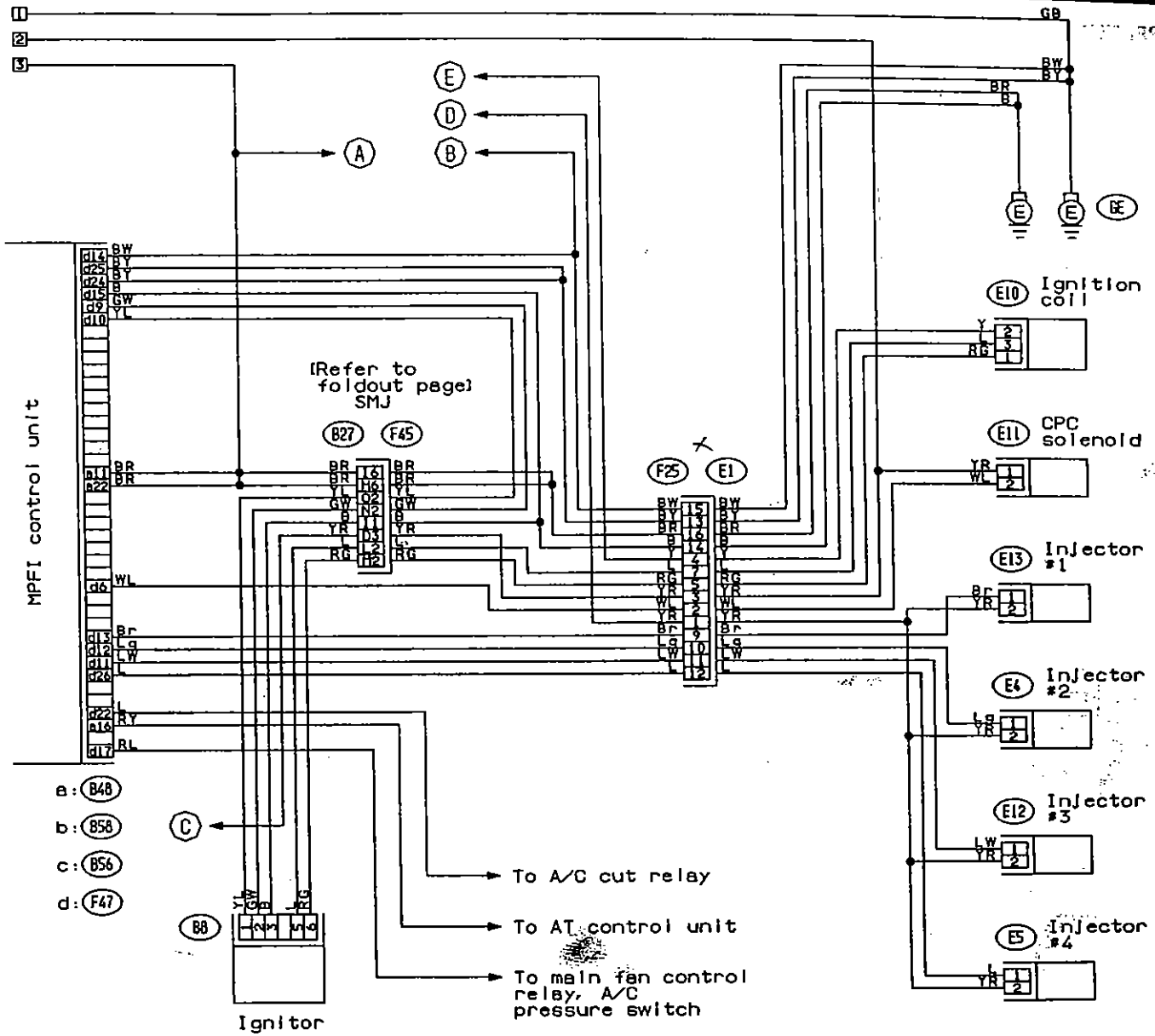


BU10-04C

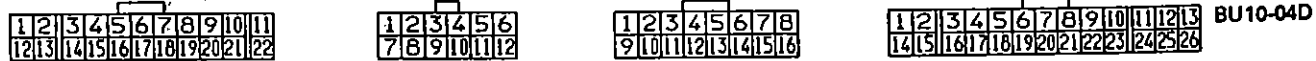
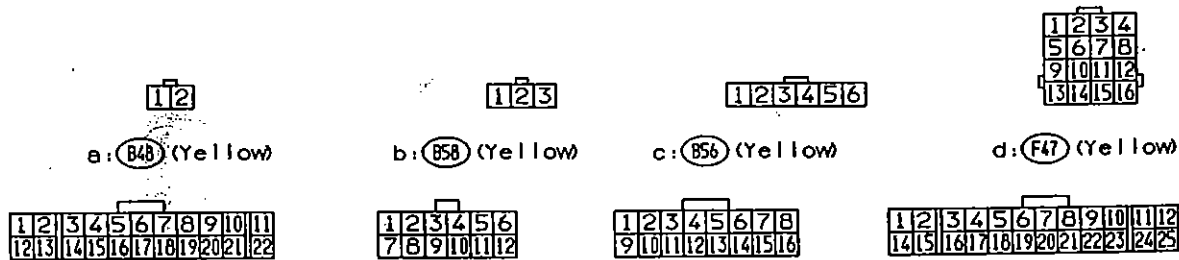
Fig. 28-2

WIRING DIAGRAM AND TROUBLESHOOTING

[0504] 6-3



- (E4) (Gray) (E11) (Blue)
 (E5) (Gray) (E12) (Gray) (E13) (Gray) (E10) (Gray) (B8) (Gray) (F25) (Gray)



MPFI-TURBO

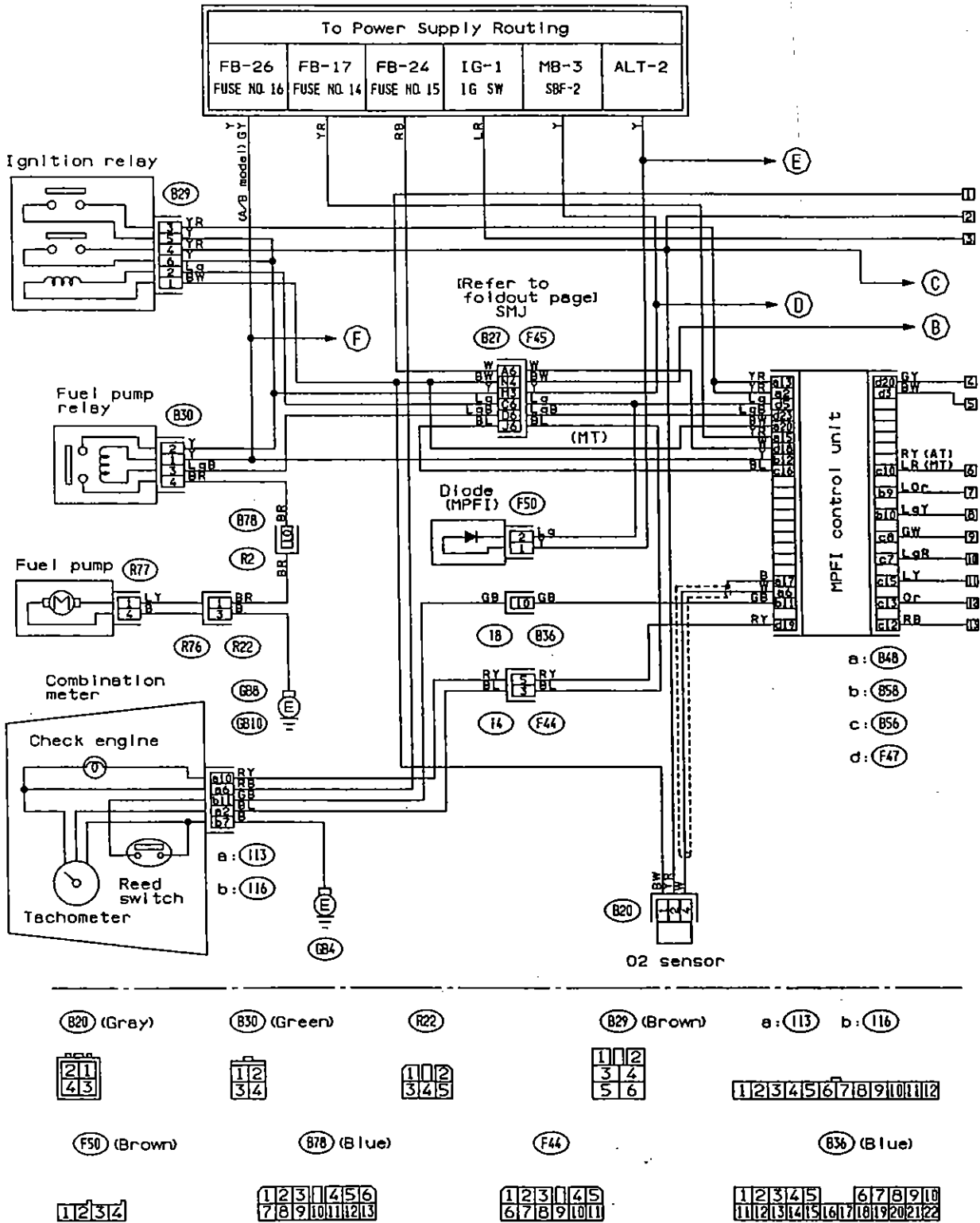
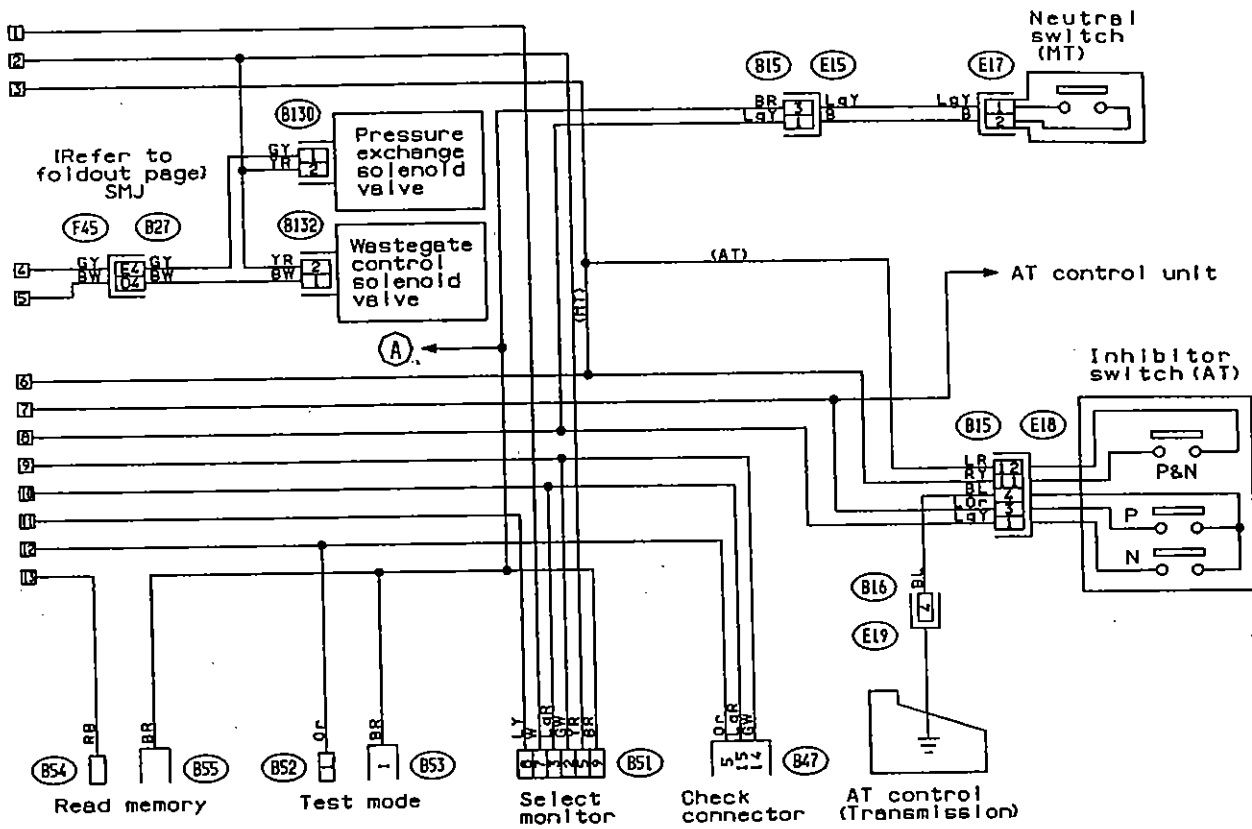


Fig. 29-1

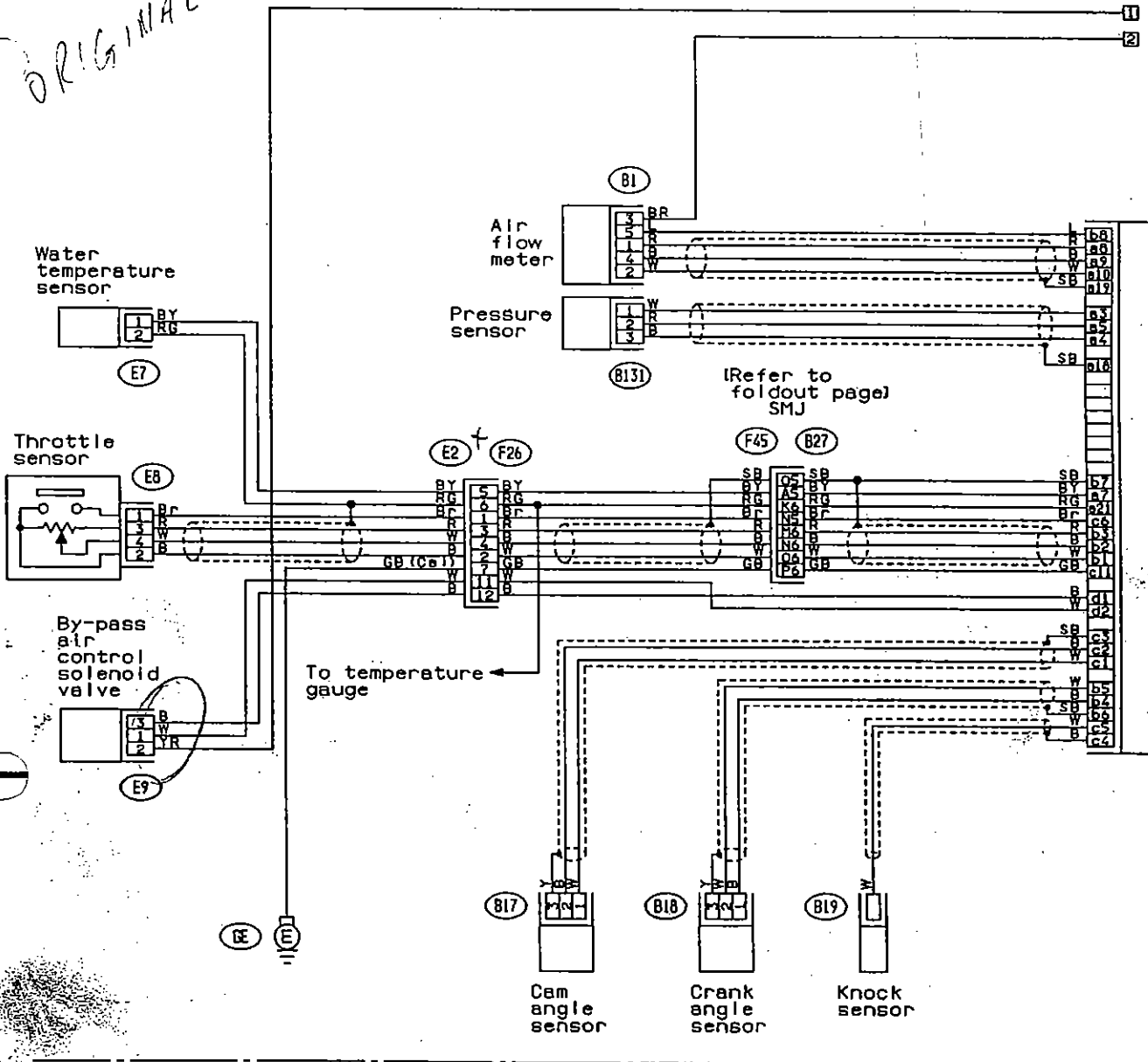
BU10-05A



- (B52) (Green)
- (B53) (Green)
- (B68) (Blue)
- (B51) (Yellow)
- (B132) (Black)
- MT: (E17) (Black)
- MT: (B15) (Gray)
- AT: (B15) (Gray)
- (B47) (Black)
- (B130) (Brown)
- a: (B48) (Yellow)
- b: (B58) (Yellow)
- c: (B56) (Yellow)
- d: (F47) (Yellow)

BU10-05B

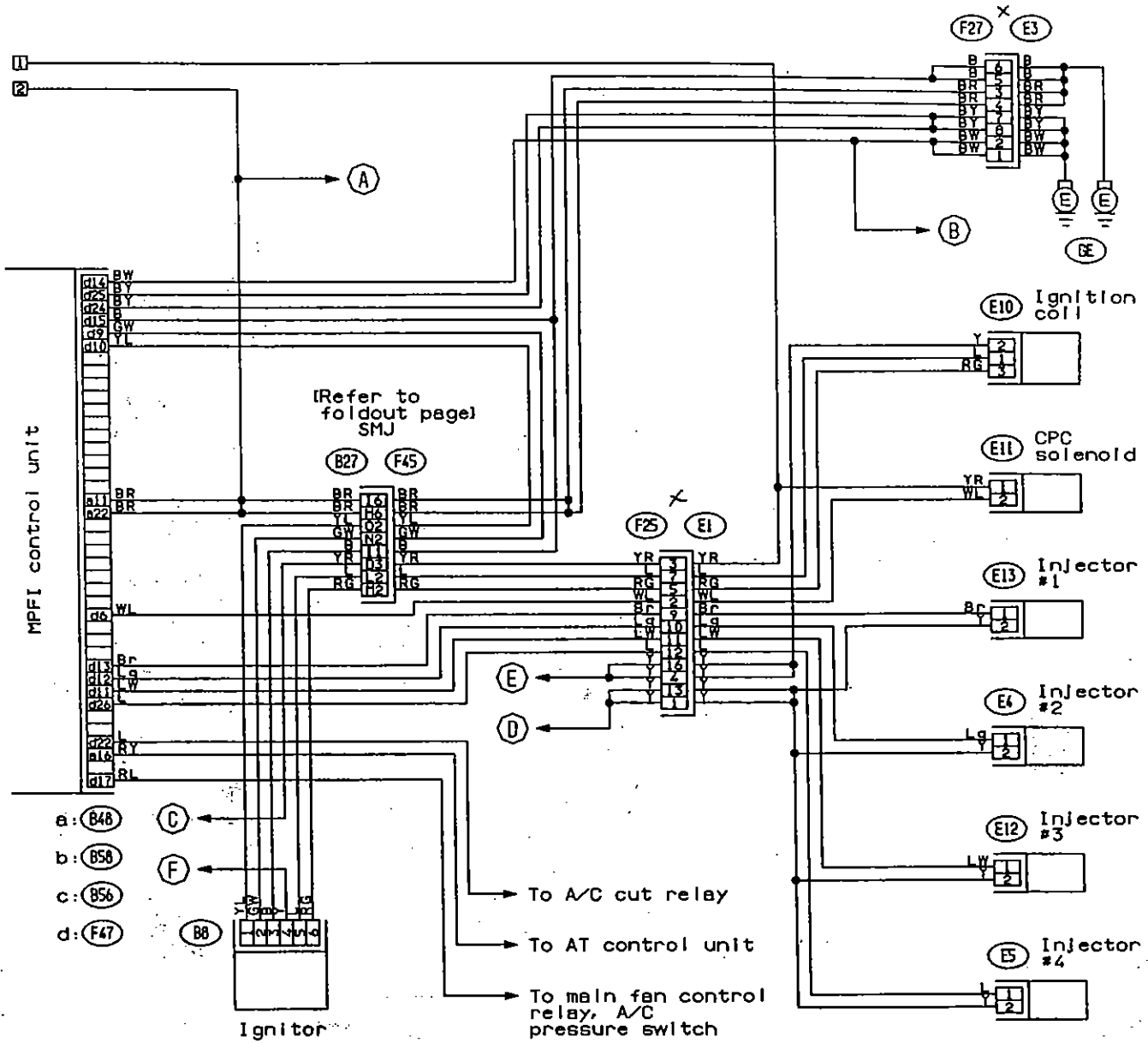
ORIGINAL



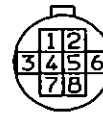
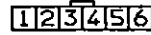
- (E7) (Brown) [1|2]
- (B18) (Gray) [1|2|3]
- (E9) (Gray) [1|2|3]
- (B17) (Gray) [1|2|3]
- (E8) (Gray) [1|2|3|4]
- (B1) (Gray) [1|2|3|4|5]
- (F26) (Gray) [1|2|3|4|5|6|7|8|9|10|11|12]
- (B131) (Gray) [1|2|3]

Fig. 29-2

BU10-05C



- (E4) (Gray) (E11) (Blue)
- (E5) (Gray) (E12) (Gray) (E13) (Gray) (E10) (Gray) (B6) (Gray) (F27) (Gray)



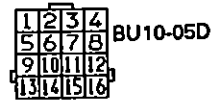
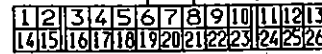
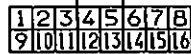
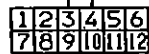
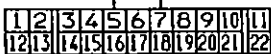
a: (B48) (Yellow)

b: (B58) (Yellow)

c: (B56) (Yellow)

d: (F47) (Yellow)

(Gray) (F25)



a: **B48** (Yellow)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22

b: **B58** (Yellow)

1	2	3	4	5	6
7	8	9	10	11	12

c: **B56** (Yellow)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

d: **F47** (Yellow)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

1991-1994 EJ22T MPFI TURBO

1991-1994 EJ22E MPFI NON-TURBO

26 PIN F47 CONNECTOR	D		
SENSOR	CONNECTOR	TERMINAL NO.	COLOR
BY-PASS AIR CONTROLE	F47	1	B
BY-PASS AIR CONTROLE	F47	2	W
WASTEGATE SOLENOIDE	F47	3	BW
-----	F47	4	---
IGN RELAY COIL	F47	5	Lg
CPC SOLENOIDE	F47	6	WL
-----	F47	7	---
-----	F47	8	---
IGNITOR	F47	9	GW
IGNITOR	F47	10	YL
INJECTOR # 3	F47	11	LW
INJECTOR # 2	F47	12	Lg
INJECTOR # 1	F47	13	Br
GROUND	F47	14	BW
IGNITOR / GROUND	F47	15	B
-----	F47	16	---
FAN RELAY - A/C PRESS SW	F47	17	RL
SELECT MONITOR	F47	18	W
CHECK ENGINE LIGHT	F47	19	RY
PRESS EXCHANGE VALVE	F47	20	GW
-----	F47	21	---
A/C CUTOOUT RELAY	F47	22	L
FUEL PUMP COIL	F47	23	LgB
GROUND	F47	24	BY
GROUND	F47	25	BY
INJECTOR # 4	F47	26	L

26 PIN F47 CONNECTOR	D		
SENSOR	CONNECTOR	TERMINAL NO.	COLOR
BY-PASS AIR CONTROLE	F47	1	B
BY-PASS AIR CONTROLE	F47	2	W
N/A	F47	3	N/A
-----	F47	4	---
IGN RELAY COIL	F47	5	Lg
CPC SOLENOIDE	F47	6	WL
-----	F47	7	---
-----	F47	8	---
IGNITOR	F47	9	GW
IGNITOR	F47	10	YL
INJECTOR # 3	F47	11	LW
INJECTOR # 2	F47	12	Lg
INJECTOR # 1	F47	13	Br
GROUND	F47	14	BW
IGNITOR / GROUND	F47	15	B
-----	F47	16	---
FAN RELAY - A/C PRESS SW	F47	17	RL
SELECT MONITOR	F47	18	W
CHECK ENGINE LIGHT	F47	19	RY
N/A	F47	20	N/A
-----	F47	21	---
A/C CUTOOUT RELAY	F47	22	L
FUEL PUMP COIL	F47	23	LgB
GROUND	F47	24	BY
GROUND	F47	25	BY
INJECTOR # 4	F47	26	L

16 PIN B56 CONNECTOR	C		
SENSOR	CONNECTOR	TERMINAL NO.	COLOR
CAM ANGLE SENSOR	B56	1	W
CAM ANGLE SENSOR	B56	2	B
CAM ANGLE SHIELD	B56	3	SB
KNOCK SHIELD	B56	4	B
KNOCK SENSOR	B56	5	W
TPS SWITCH	B56	6	Br
CHECK CONNECTOR	B56	7	LgR
CHECK CONNECTOR	B56	8	GW
-----	B56	9	---
IGN SW - P - N	B56	10	RY/LR
GROUND (CAL ONLY)	B56	11	GB
READ MEMORY	B56	12	RB
TEST - CHECK CONNECTOR	B56	13	Or
-----	B56	14	---
SELECT MONITOR	B56	15	LY
TACH	B56	16	BL

16 PIN B56 CONNECTOR	C		
SENSOR	CONNECTOR	TERMINAL NO.	COLOR
CRANK ANGLE SENSOR	B56	1	B
CRANK ANGLE SENSOR	B56	2	W
CRANK ANGLE SHIELD	B56	3	SB
KNOCK SHIELD	B56	4	B
KNOCK SENSOR	B56	5	W
TPS SWITCH	B56	6	Br
CHECK CONNECTOR	B56	7	LgR
CHECK CONNECTOR	B56	8	GW
-----	B56	9	---
IGN SW - P - N	B56	10	RY/LR
GROUND (CAL ONLY)	B56	11	GB
READ MEMORY	B56	12	RB
TEST - CHECK CONNECTOR	B56	13	Or
-----	B56	14	---
SELECT MONITOR	B56	15	LY
TACH	B56	16	BL

12 PIN B58 CONNECTOR	B		
SENSOR	CONNECTOR	TERMINAL NO.	COLOR
TPS	B58	1	W
TPS	B58	2	B
TPS	B58	3	R
CRANK ANGLE SENSOR	B58	4	B
CRANK ANGLE SENSOR	B58	5	W
CRANK ANGLE SHIELD	B58	6	SB
TPS SHIELD	B58	7	SB
AIR FLOW METER	B58	8	L
PARK - AT CONTROL	B58	9	Lor
NEUTRAL SWITCH	B58	10	LgY
REED SWITCH	B58	11	GB
FUEL PUMP COIL FB-26	B58	12	Y

12 PIN B58 CONNECTOR	B		
SENSOR	CONNECTOR	TERMINAL NO.	COLOR
TPS	B58	1	W
TPS	B58	2	B
TPS	B58	3	R
CAM ANGLE SENSOR	B58	4	W
CAM ANGLE SENSOR	B58	5	B
CAM ANGLE SHIELD	B58	6	SB
TPS SHIELD	B58	7	SB
AIR FLOW METER	B58	8	L
PARK - AT CONTROL	B58	9	Lor
NEUTRAL SWITCH	B58	10	LgY
REED SWITCH	B58	11	GB
FUEL PUMP COIL FB-26	B58	12	Y

22 PIN B48 CONNECTOR	A		
SENSOR	CONNECTOR	TERMINAL NO.	COLOR
-----	B48	1	---
IGN RELAY	B48	2	YR
PRESSURE SENSOR	B48	3	W
PRESSURE SENSOR	B48	4	B
PRESSURE SENSOR	B48	5	R
O2 SENSOR	B48	6	W
WATER TEMP SENSOR	B48	7	BY
AIR FLOW METER	B48	8	R
AIR FLOW METER	B48	9	B
AIR FLOW METER	B48	10	W
GROUND	B48	11	BR
-----	B48	12	---
IGN RELAY	B48	13	YR
-----	B48	14	---
FB-17 POWER	B48	15	YR
AT CONTROL UNIT	B48	16	RY
O2 SHIELD	B48	17	B
-----	B48	18	---
AIR FLOW METER SHIELD	B48	19	SB
GROUND (MT)	B48	20	BW
WATER TEMP SENSOR	B48	21	RG
GROUND	B48	22	BR

22 PIN B48 CONNECTOR	A		
SENSOR	CONNECTOR	TERMINAL NO.	COLOR
-----	B48	1	---
IGN RELAY	B48	2	YR
N/A	B48	3	N/A
N/A	B48	4	N/A
N/A	B48	5	N/A
O2 SENSOR	B48	6	W
WATER TEMP SENSOR	B48	7	BY
AIR FLOW METER	B48	8	R
AIR FLOW METER	B48	9	B
AIR FLOW METER	B48	10	W
GROUND	B48	11	BR
-----	B48	12	---
IGN RELAY	B48	13	YR
-----	B48	14	---
FB-17 POWER	B48	15	YR
AT CONTROL UNIT	B48	16	RY
O2 SHIELD	B48	17	B
-----	B48	18	---
AIR FLOW METER SHIELD	B48	19	SB
GROUND (MT)	B48	20	BW
WATER TEMP SENSOR	B48	21	RG
GROUND	B48	22	BR