

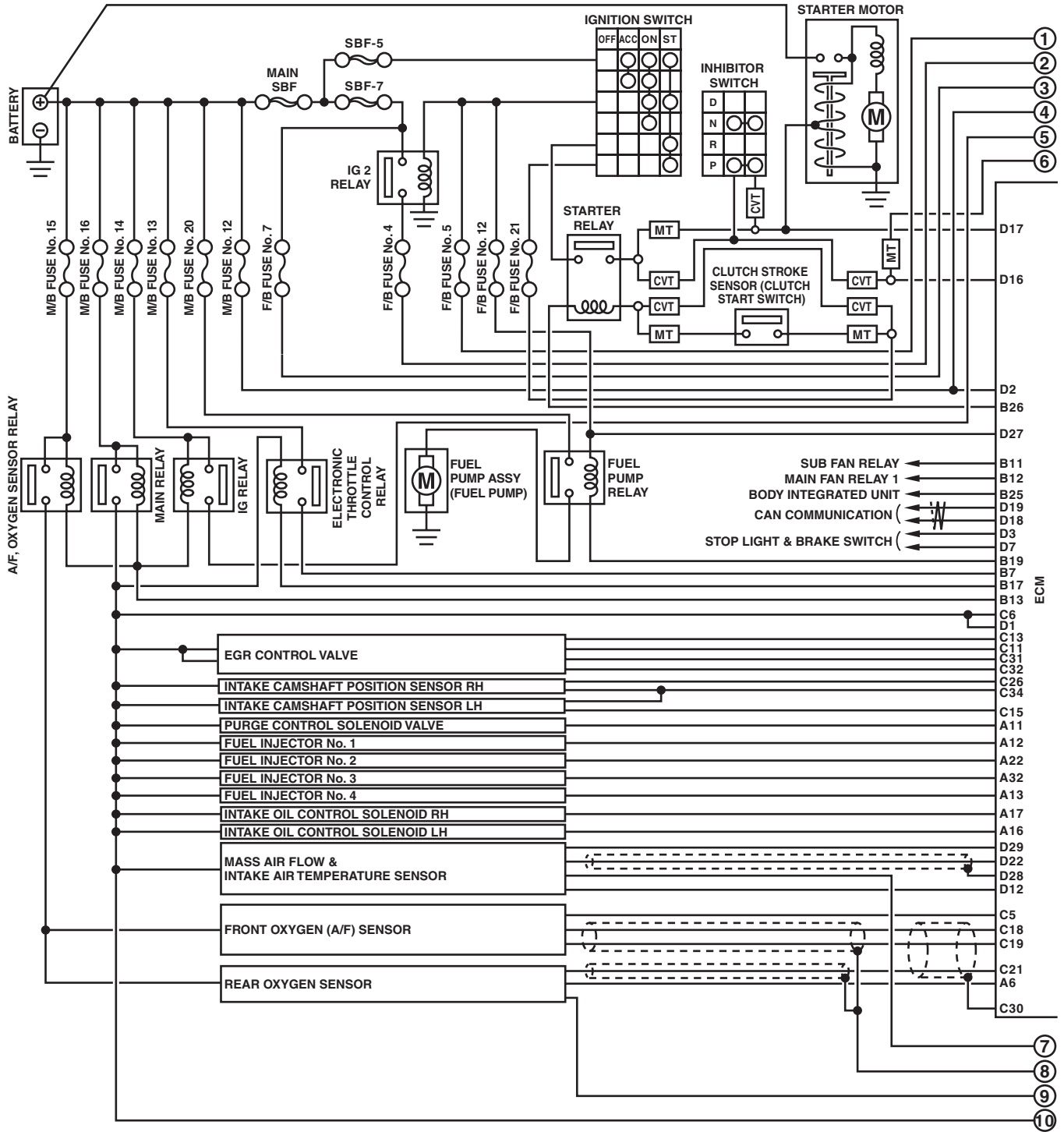
# Engine Electrical System

## WIRING SYSTEM

### 18.Engine Electrical System

#### A: WIRING DIAGRAM

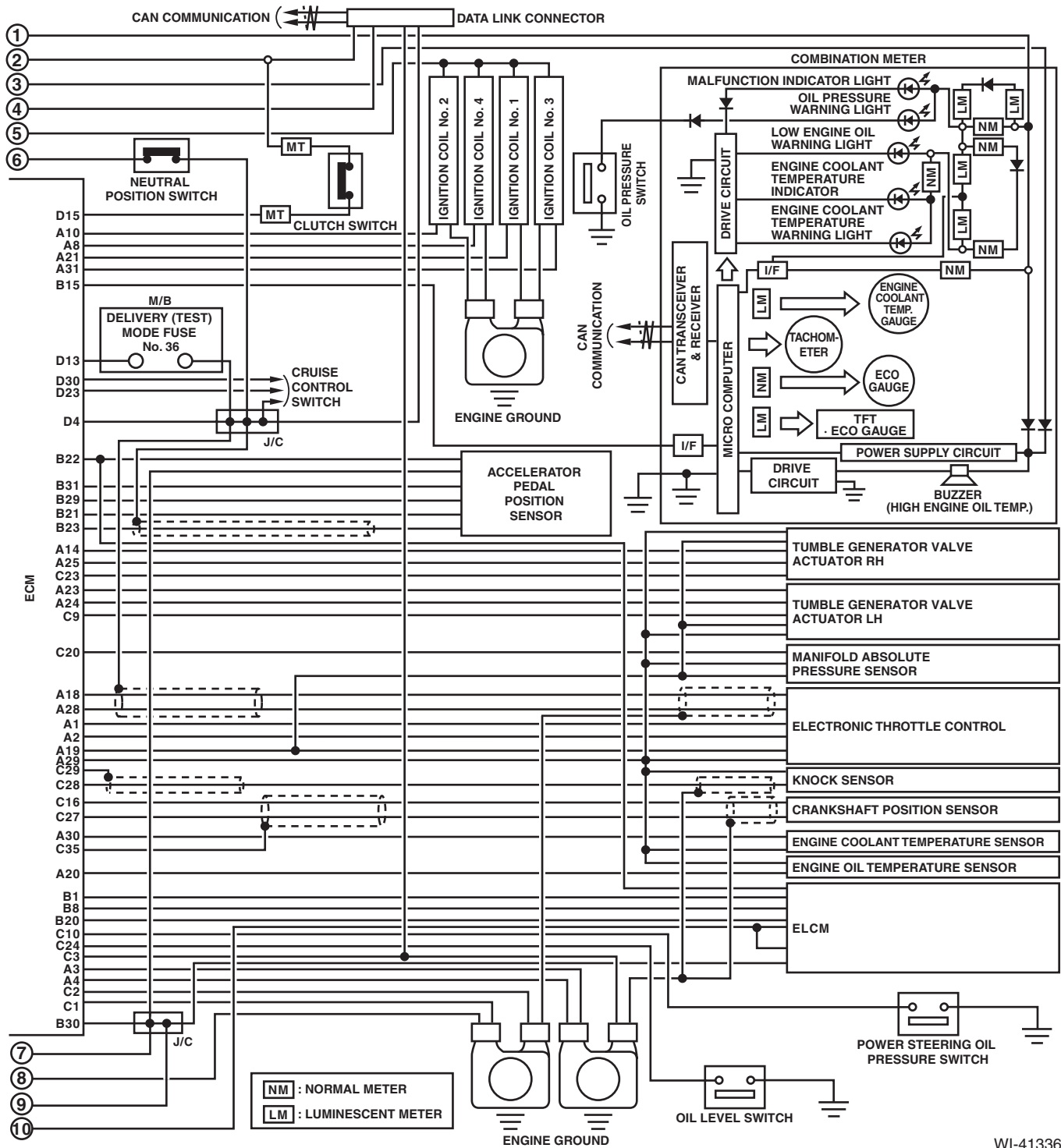
##### 1. 2.5 L MODEL (WITHOUT PUSH BUTTON START)



WI-36214

# Engine Electrical System

WIRING SYSTEM



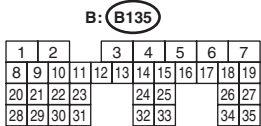
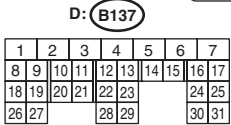
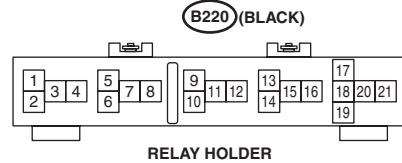
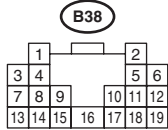
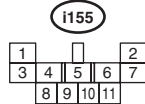
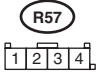
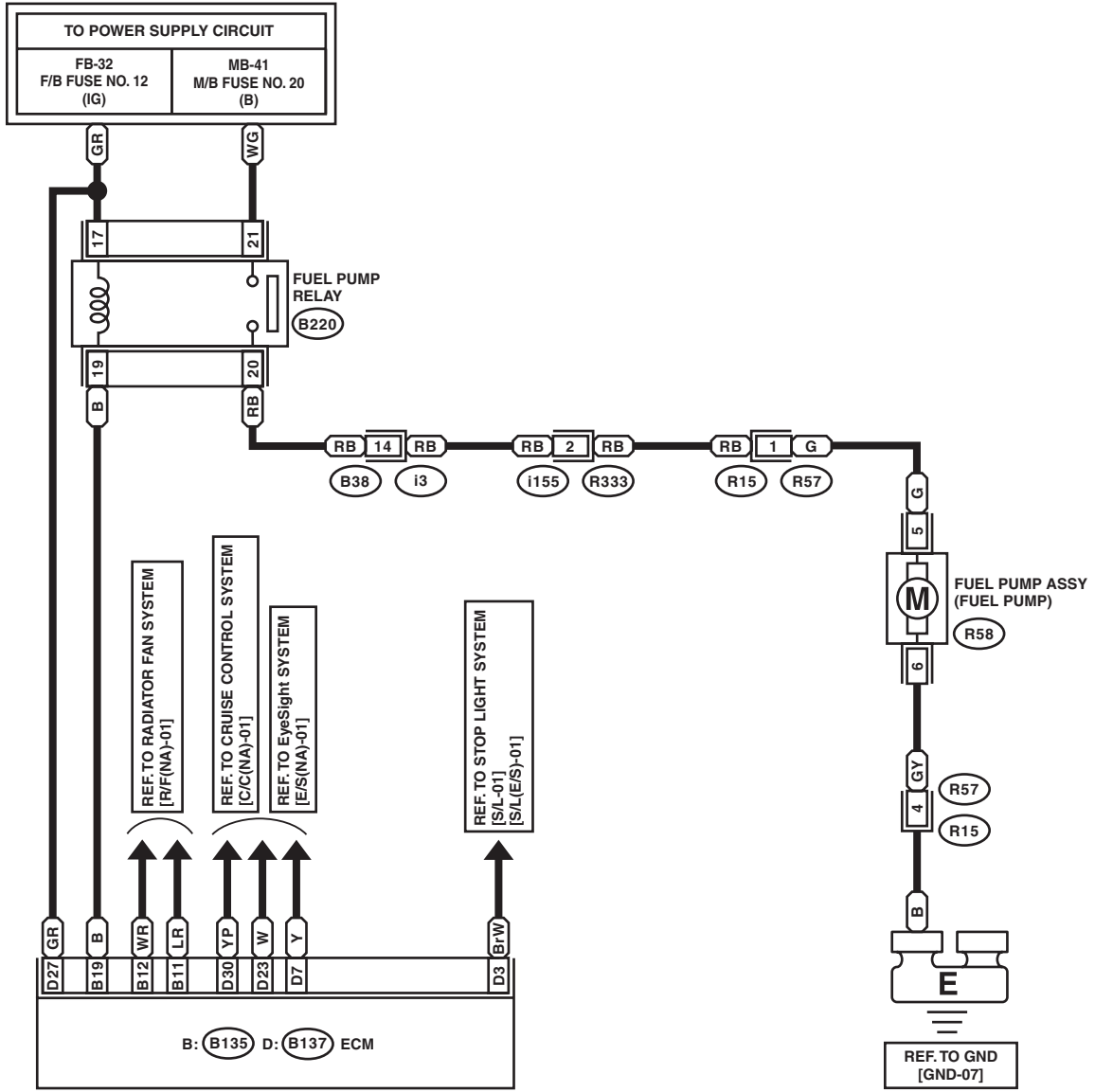
WI-41336

# Engine Electrical System

## WIRING SYSTEM

E/G(NA)-01

E/G(NA)-01



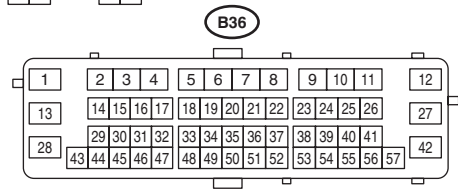
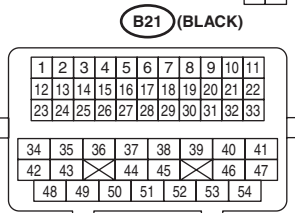
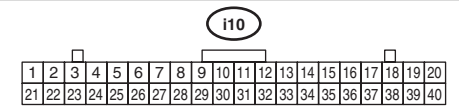
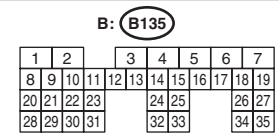
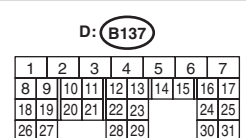
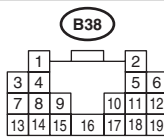
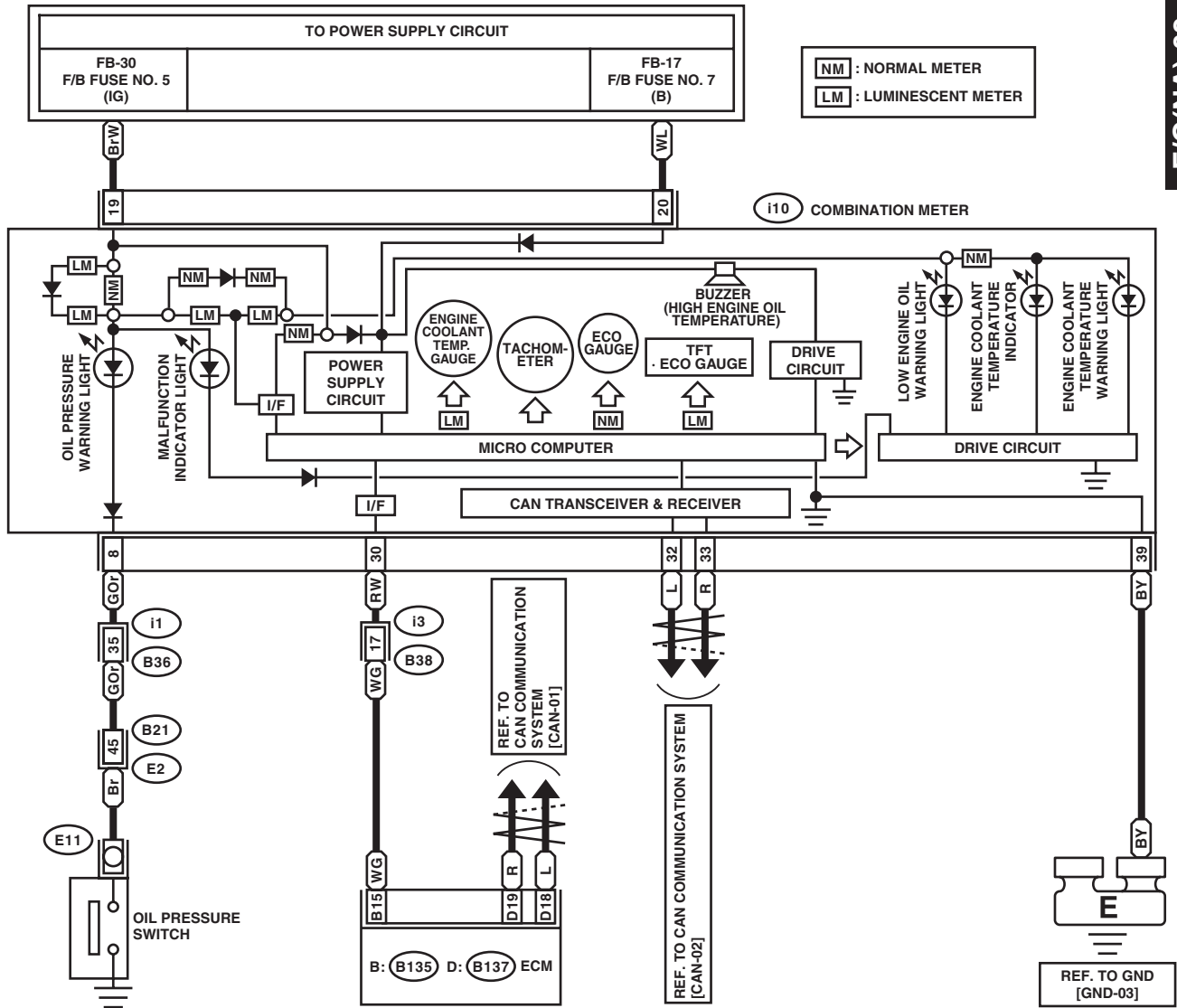
WI-41337

# Engine Electrical System

WIRING SYSTEM

E/G(NA)-02

E/G(NA)-02



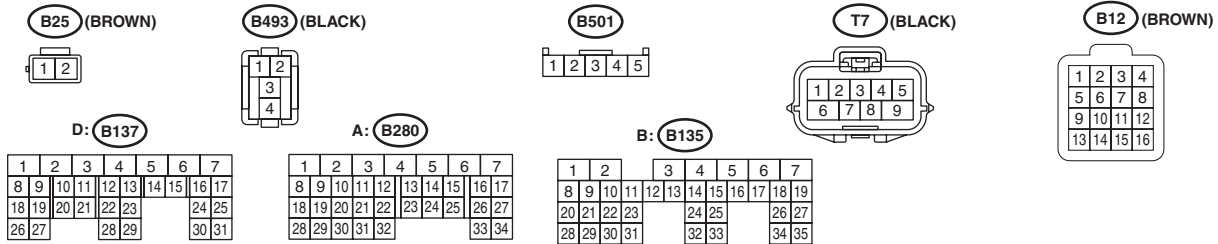
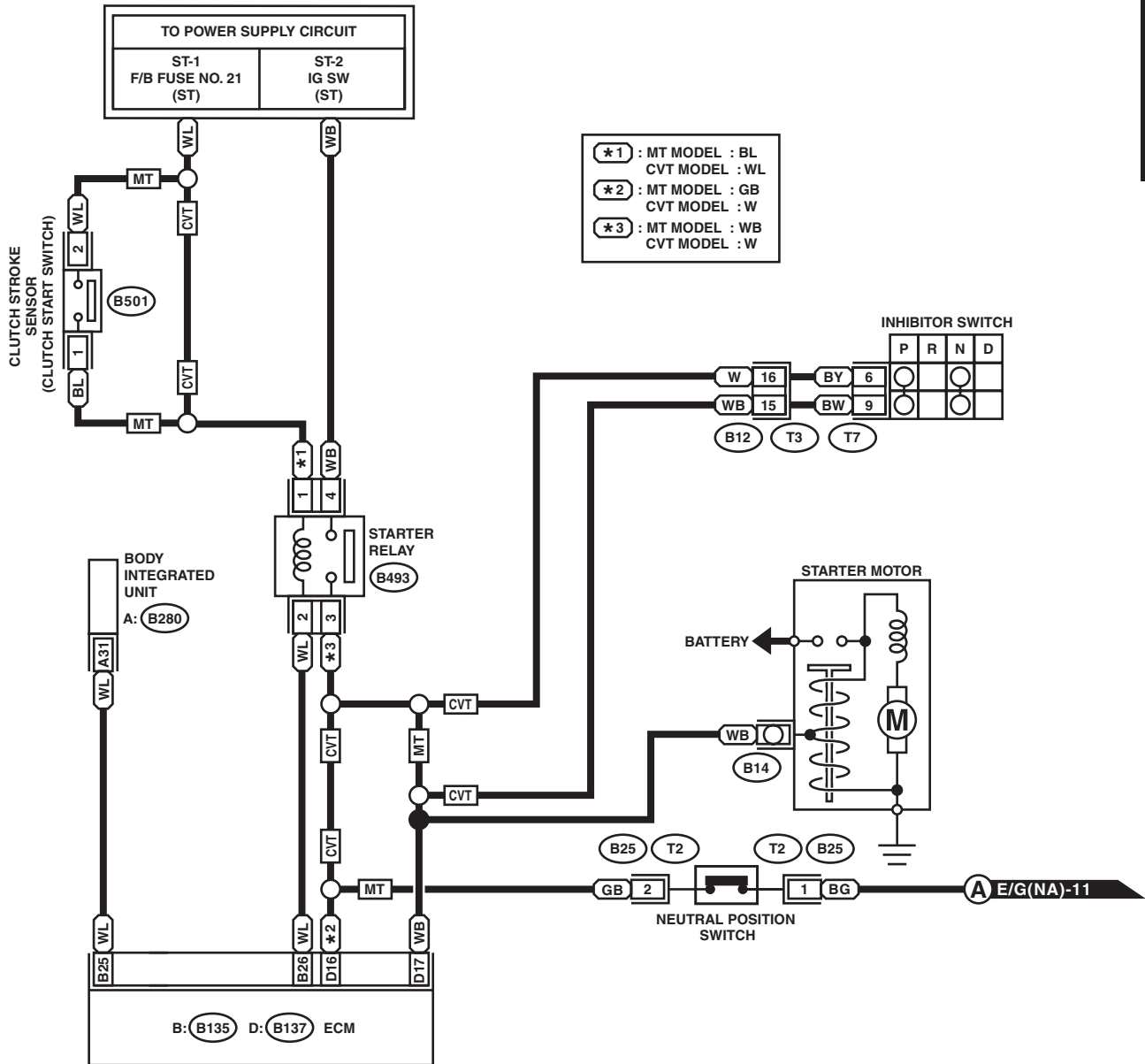
WI-41338

# Engine Electrical System

## WIRING SYSTEM

E/G(NA)-03

E/G(NA)-03



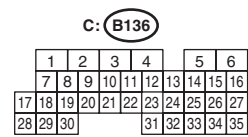
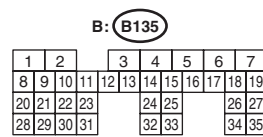
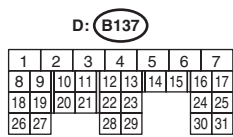
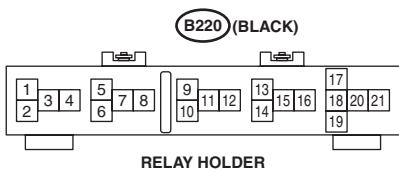
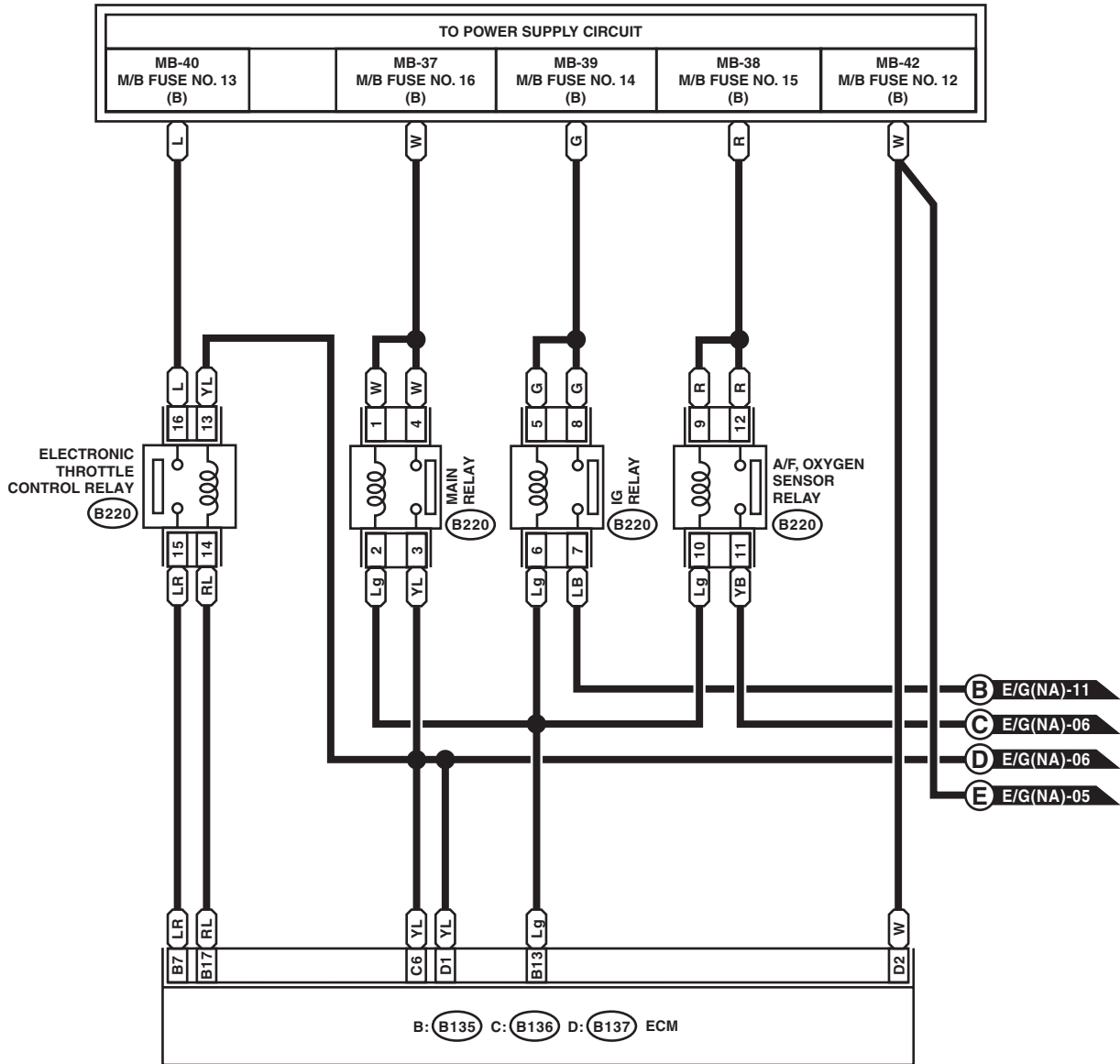
WI-36218

# Engine Electrical System

WIRING SYSTEM

E/G(NA)-04

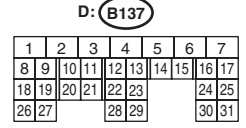
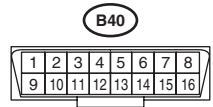
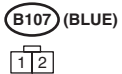
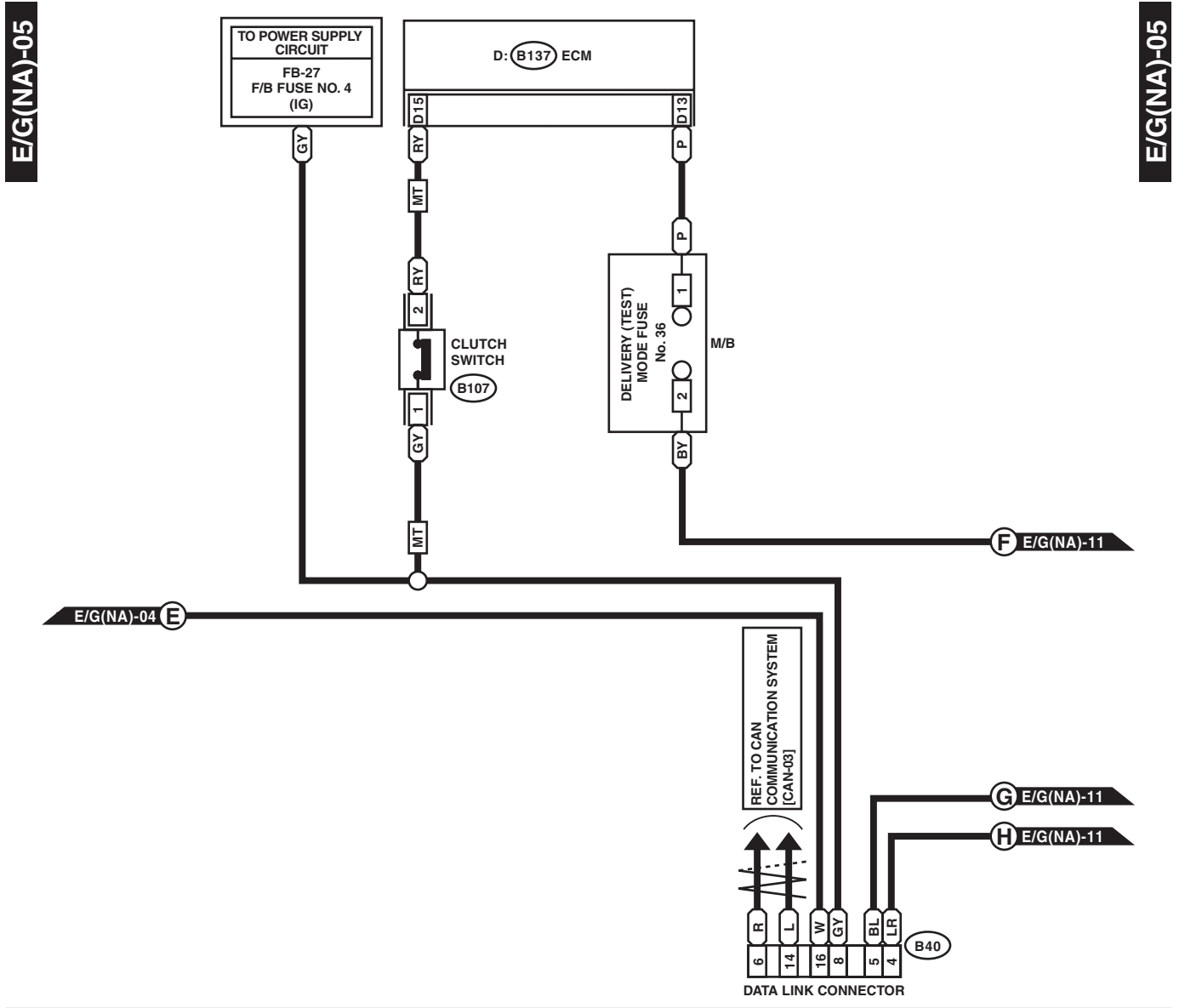
E/G(NA)-04



WI-36219

# Engine Electrical System

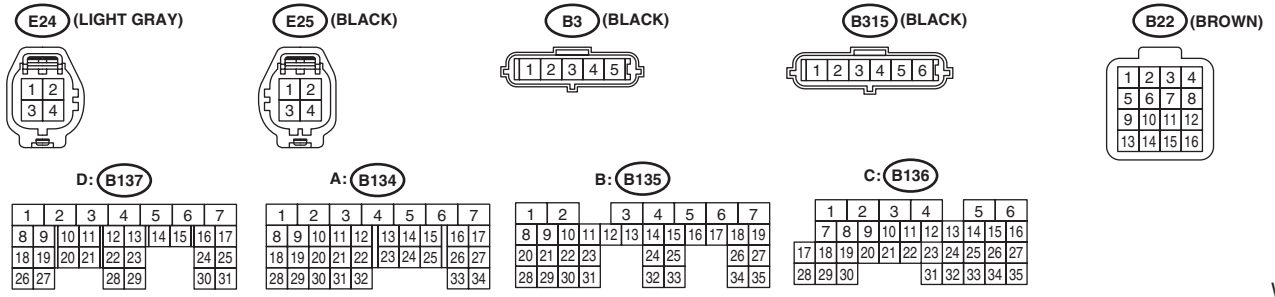
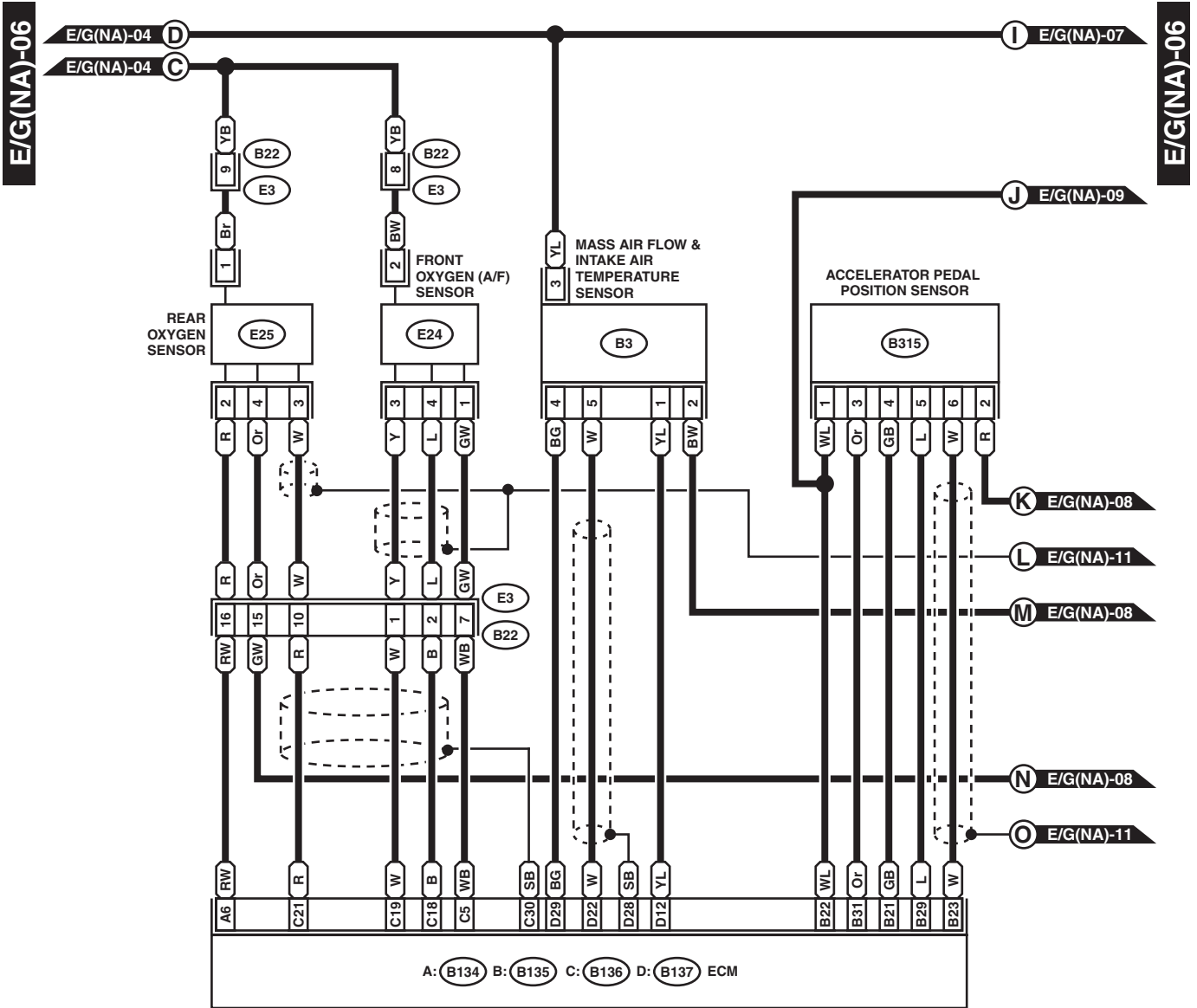
WIRING SYSTEM



WI-36220

# Engine Electrical System

WIRING SYSTEM

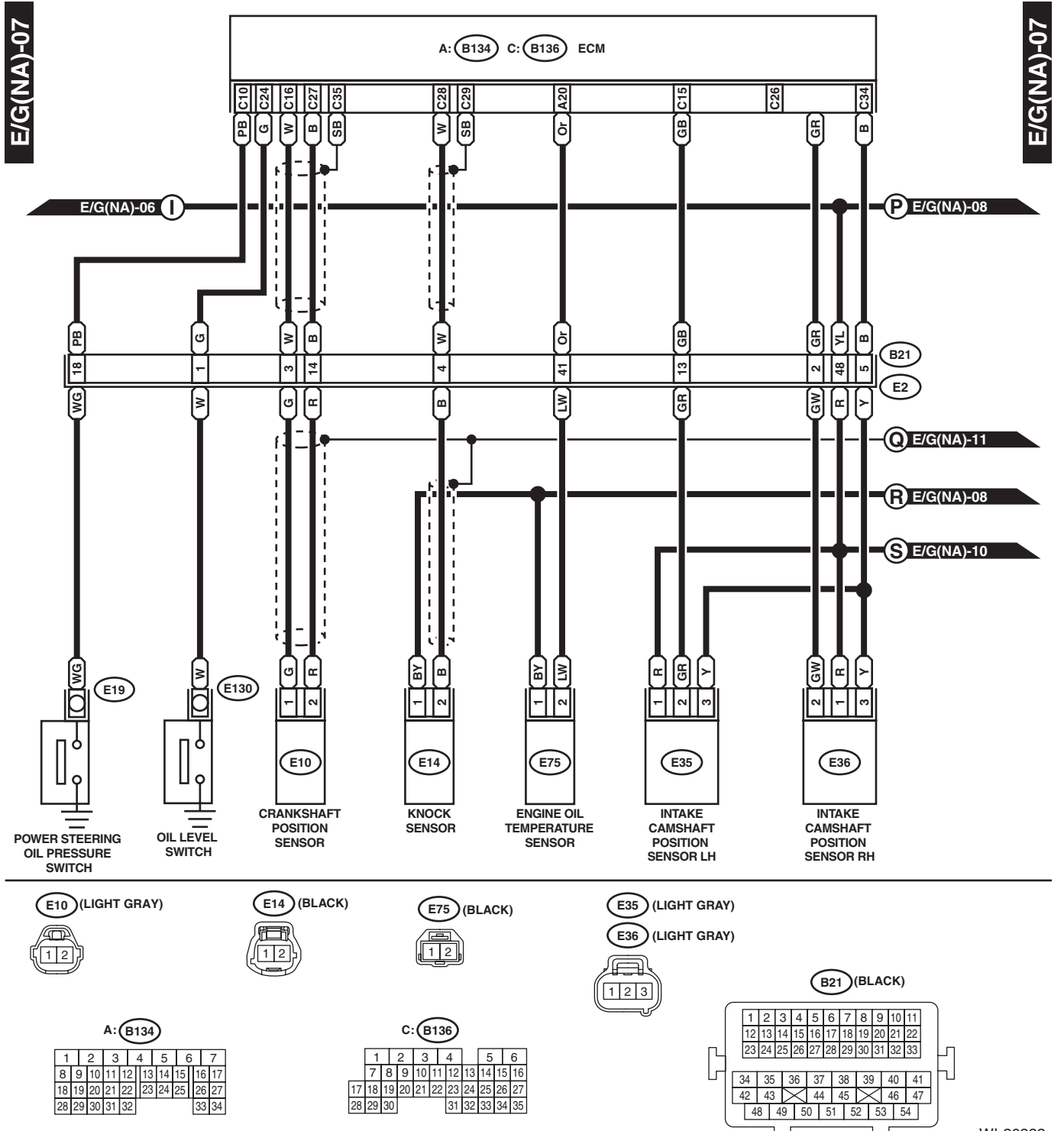


WI-36221



# Engine Electrical System

WIRING SYSTEM



WI-36222

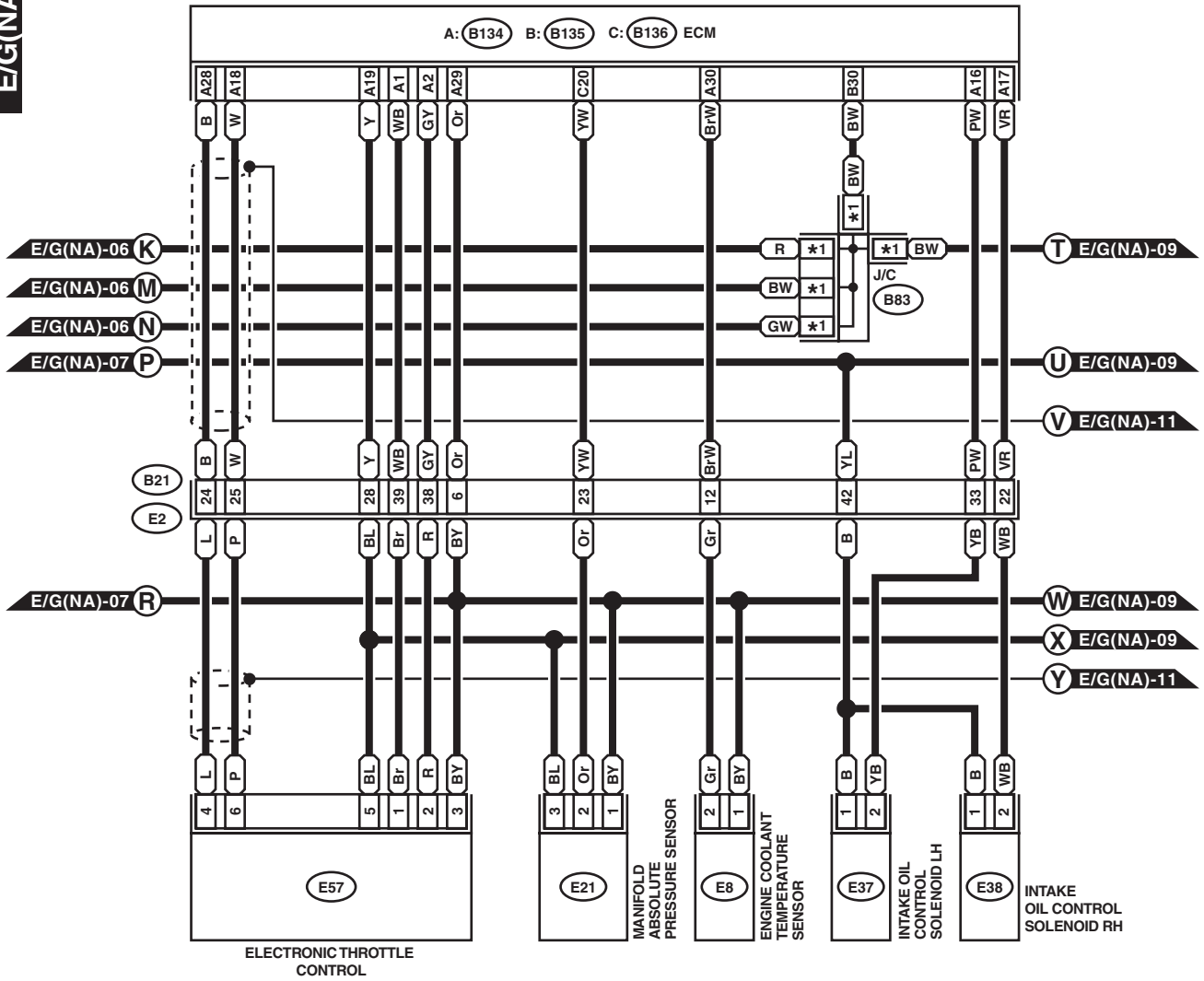
# Engine Electrical System

WIRING SYSTEM

E/G(NA)-08

E/G(NA)-08

\*1 : TERMINAL No. OPTIONAL ARRANGEMENT



E8 (BLACK)



E37 (BLACK)

E38 (BLACK)



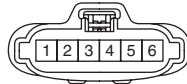
E21 (BLACK)



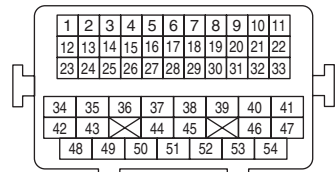
B83



E57 (BLACK)



B21 (BLACK)



A: (B134)

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	27	
28	29	30	31	32	33	34

B: (B135)

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	27	
28	29	30	31	32	33	34
35						

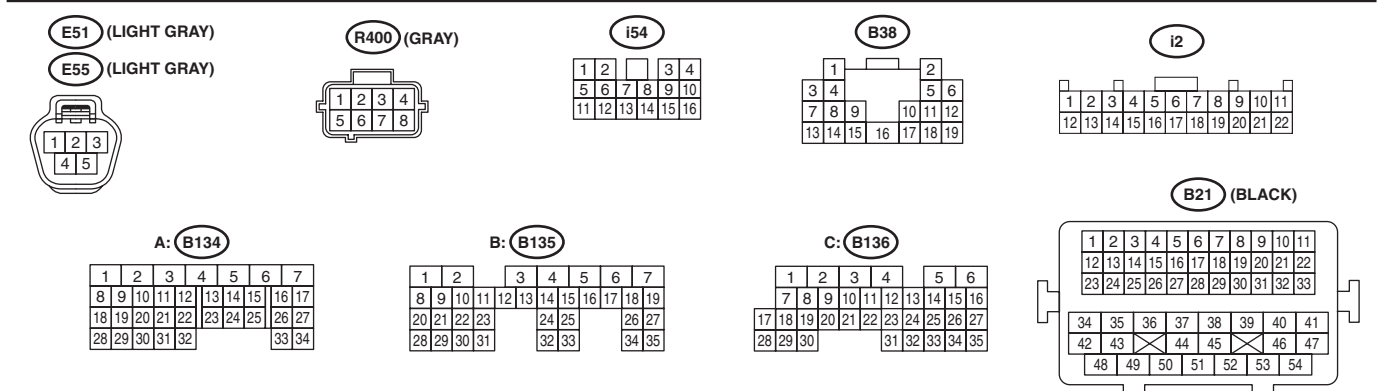
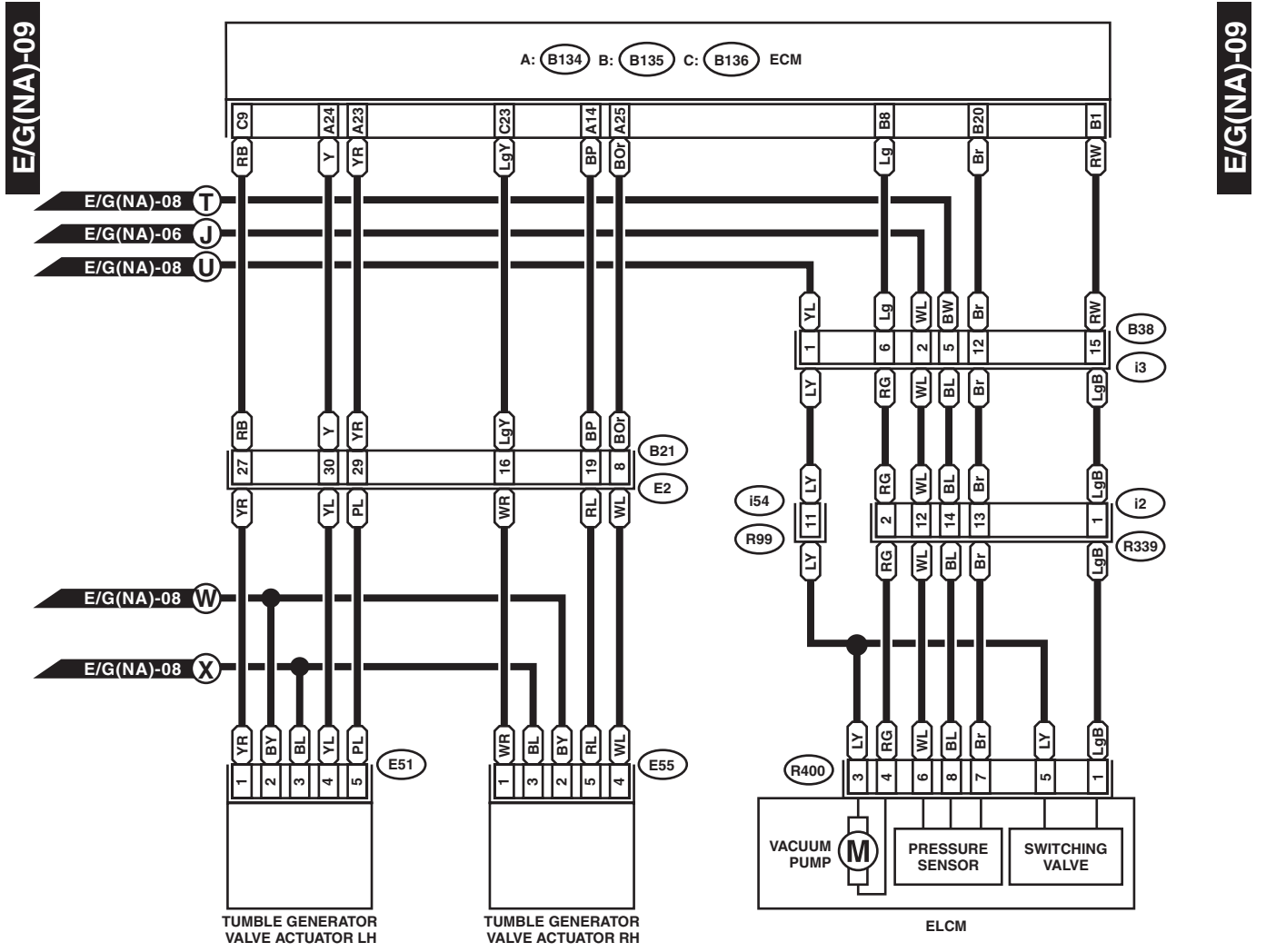
C: (B136)

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	27	28	29	30
31	32	33	34	35	

WI-36223

# Engine Electrical System

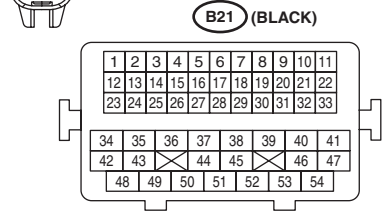
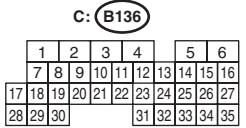
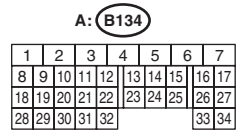
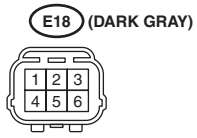
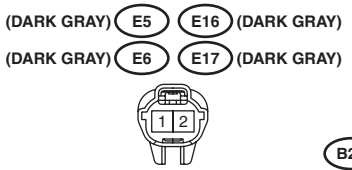
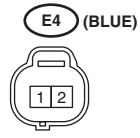
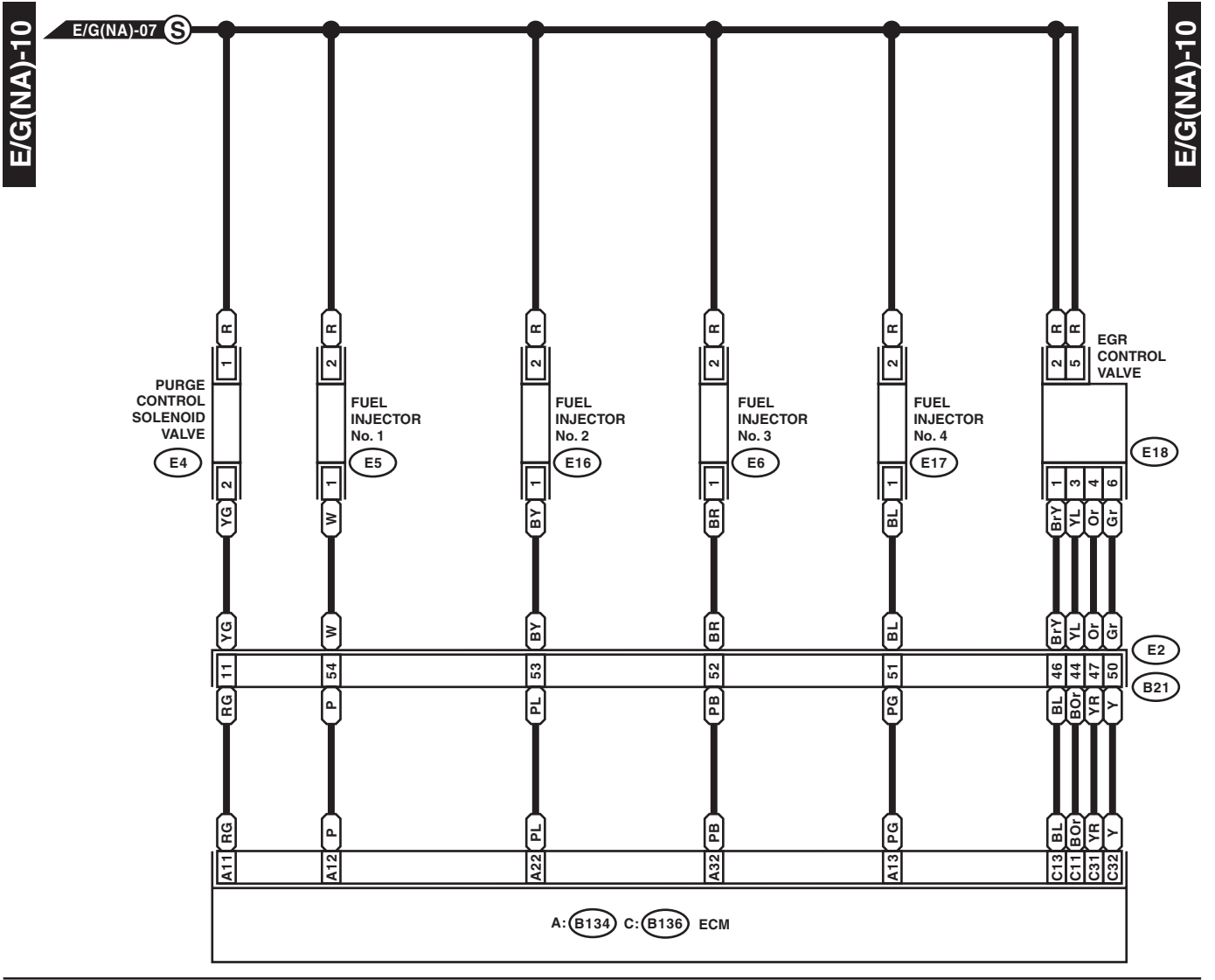
WIRING SYSTEM



WI-36224

# Engine Electrical System

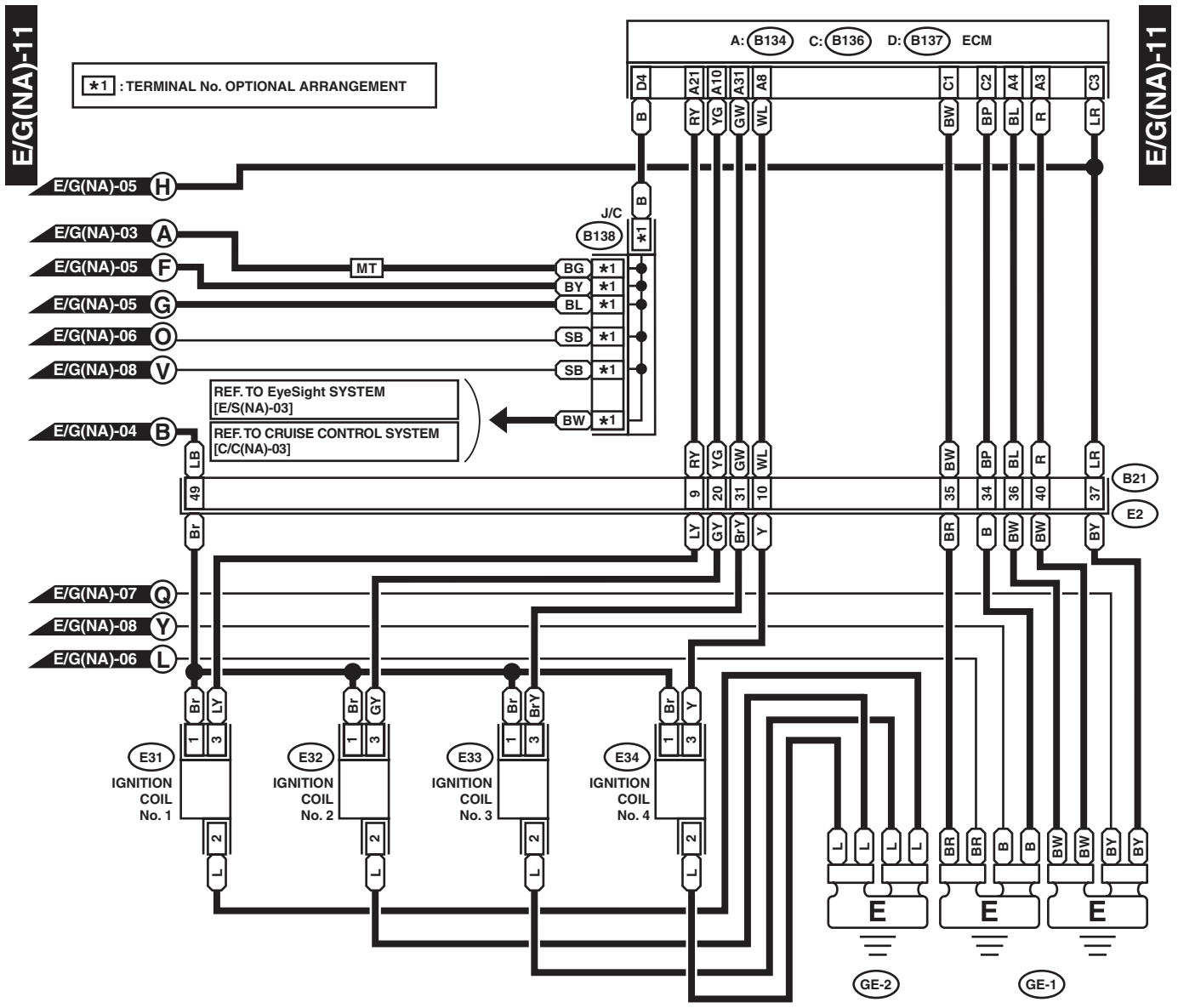
WIRING SYSTEM



WI-36225

# Engine Electrical System

## WIRING SYSTEM



\*1 : TERMINAL No. OPTIONAL ARRANGEMENT

(BLACK) E31 E33 (BLACK)  
 (BLACK) E32 E34 (BLACK)



A: B134

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	27	
28	29	30	31	32	33	34

B138

1	2	3	4
5	6	7	8

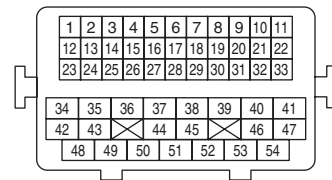
C: B136

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	27	28	29	30
31	32	33	34	35	

D: B137

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	27	
28	29	30	31			

B21 (BLACK)



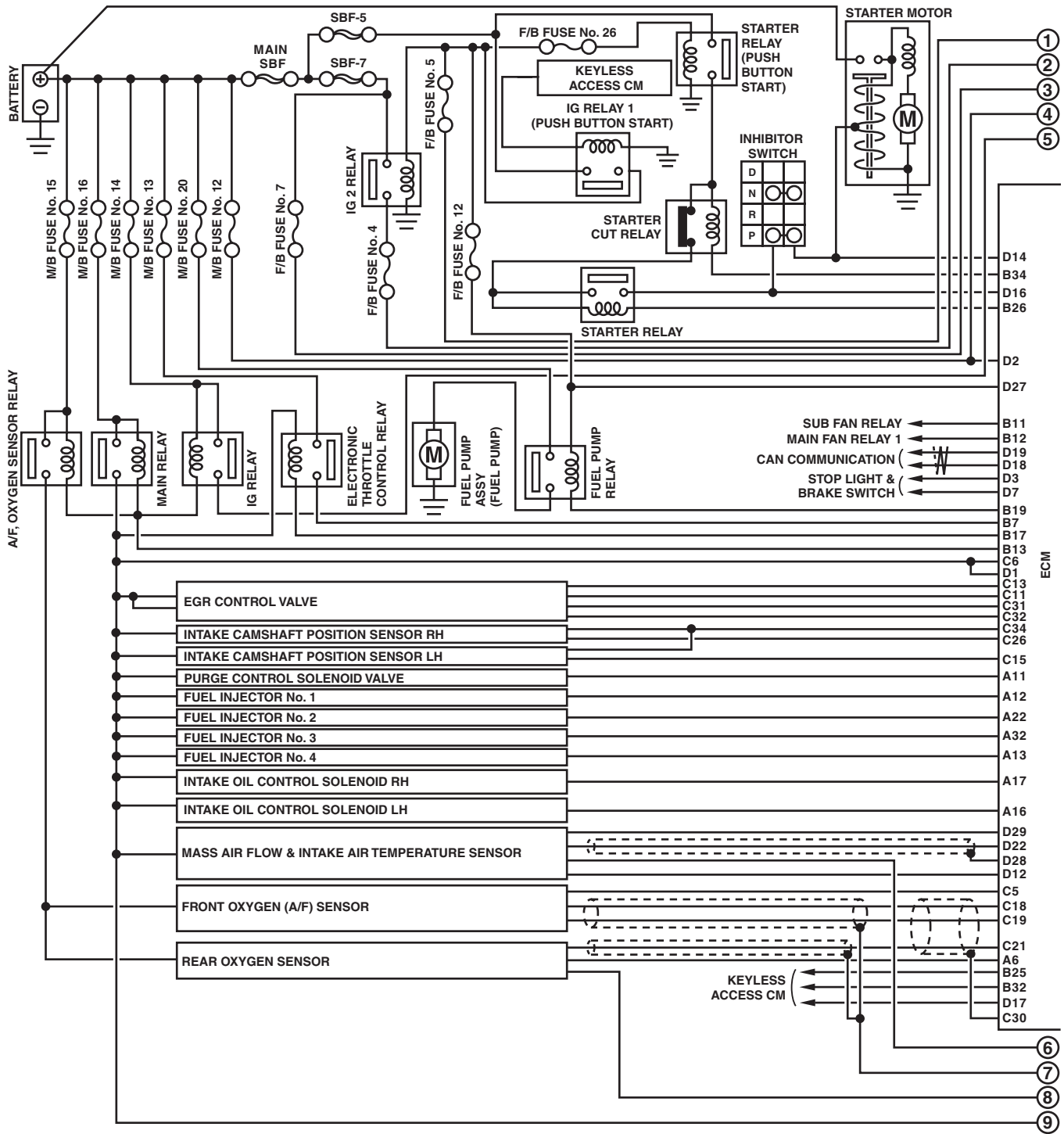
WI-36226



# Engine Electrical System

## WIRING SYSTEM

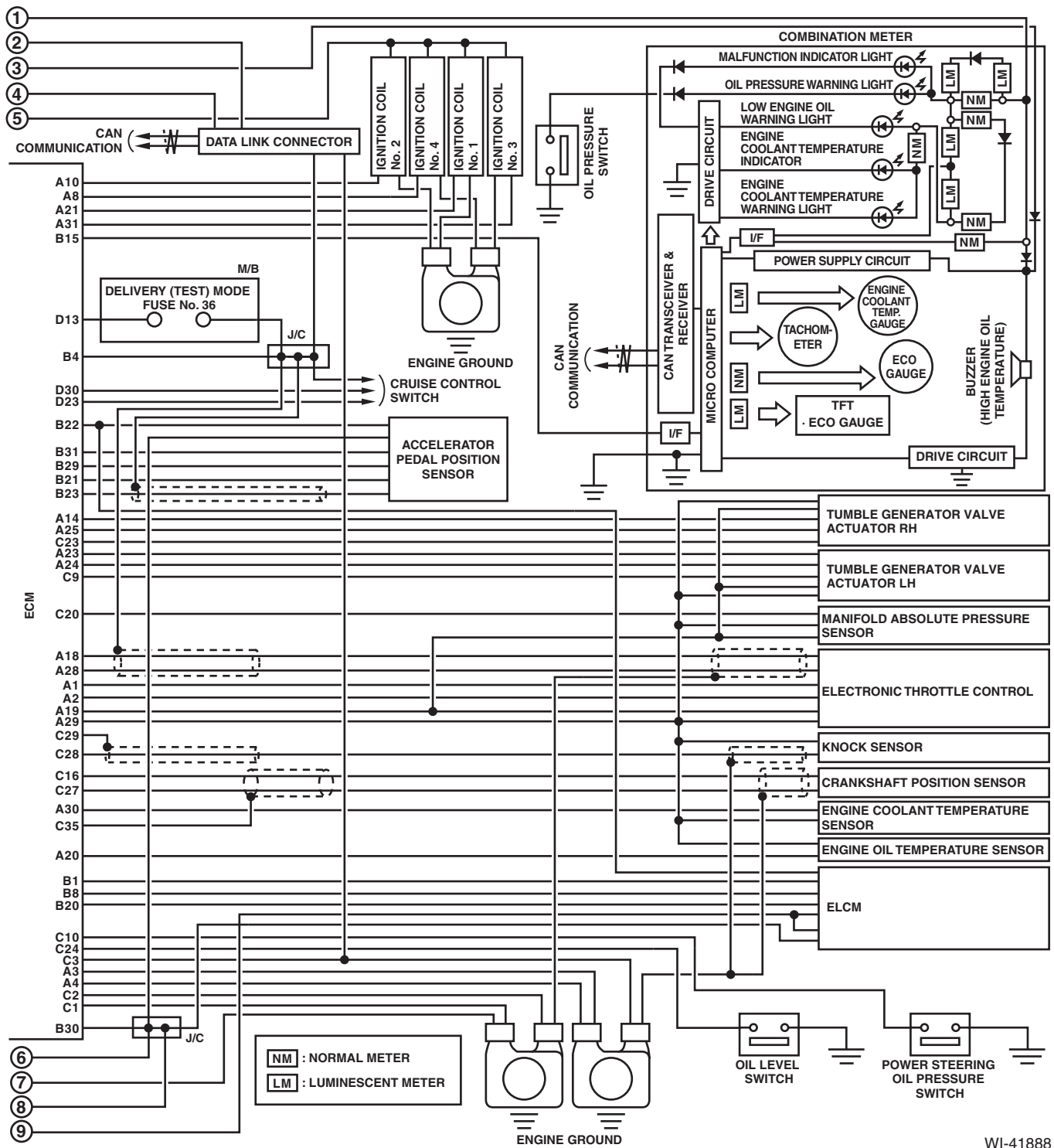
### 2. 2.5 L MODEL (WITH PUSH BUTTON START)



WI-41339

# Engine Electrical System

WIRING SYSTEM



WI-41888

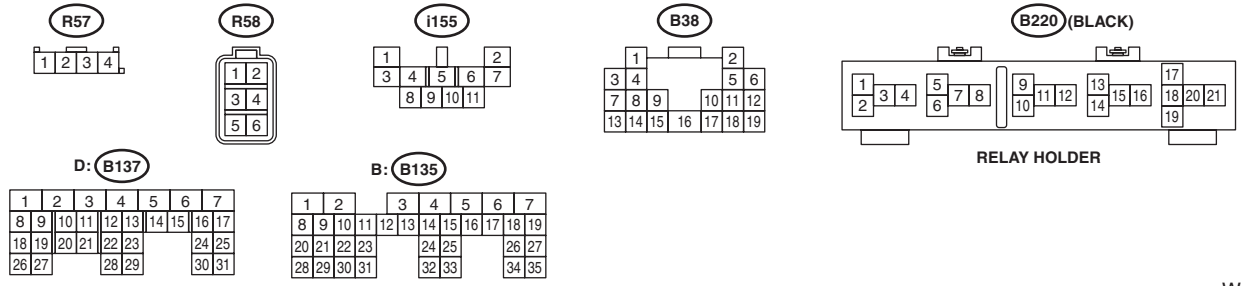
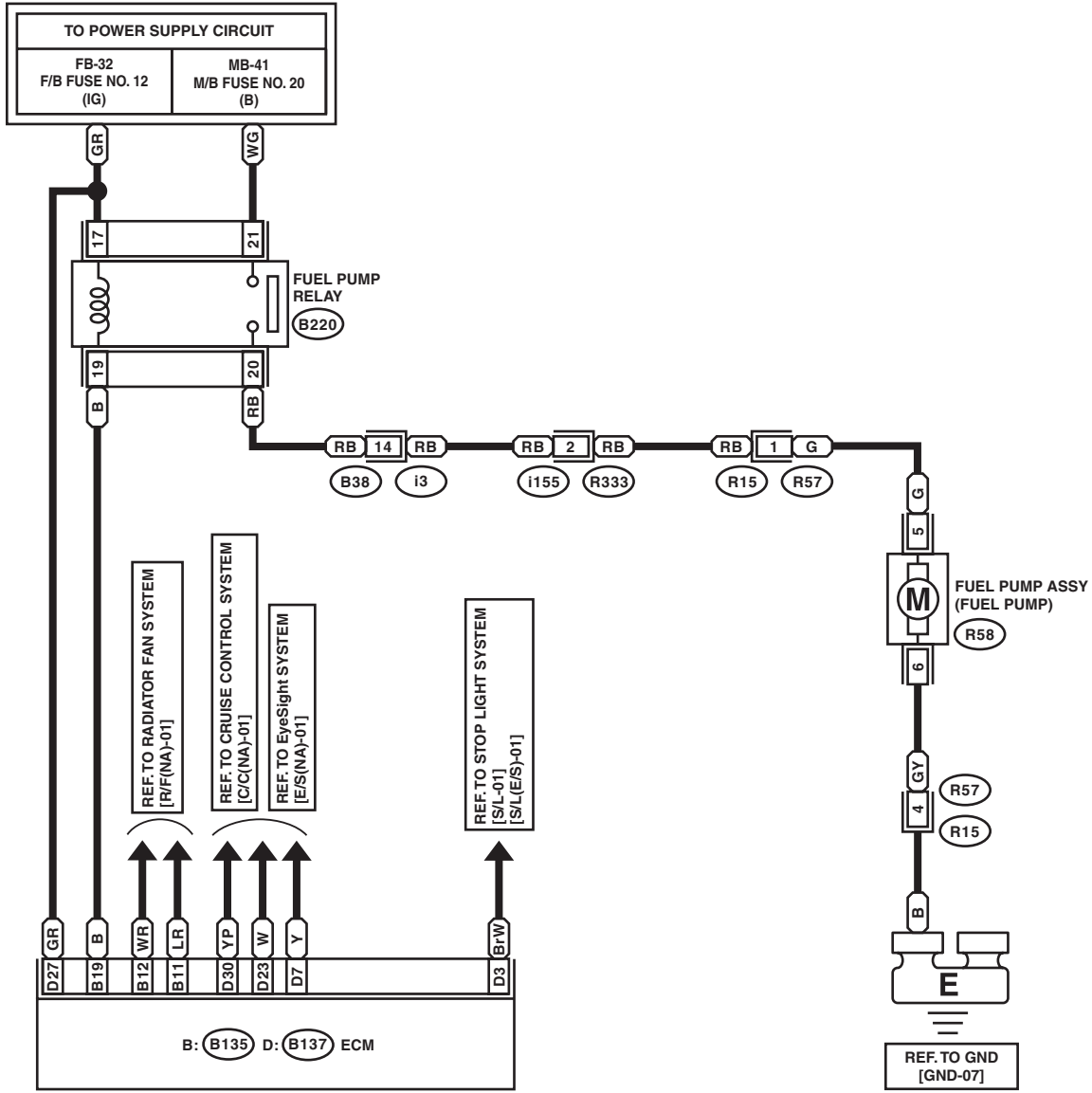


# Engine Electrical System

WIRING SYSTEM

E/G(NAP)-01

E/G(NAP)-01



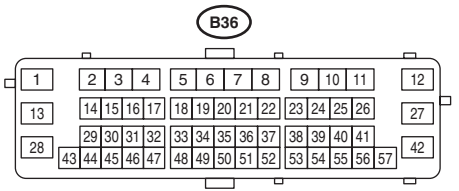
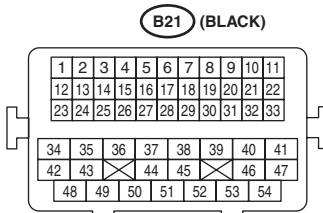
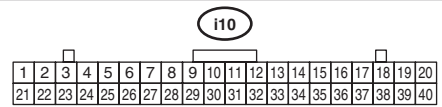
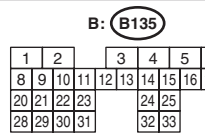
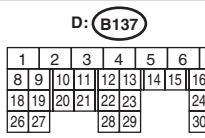
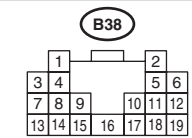
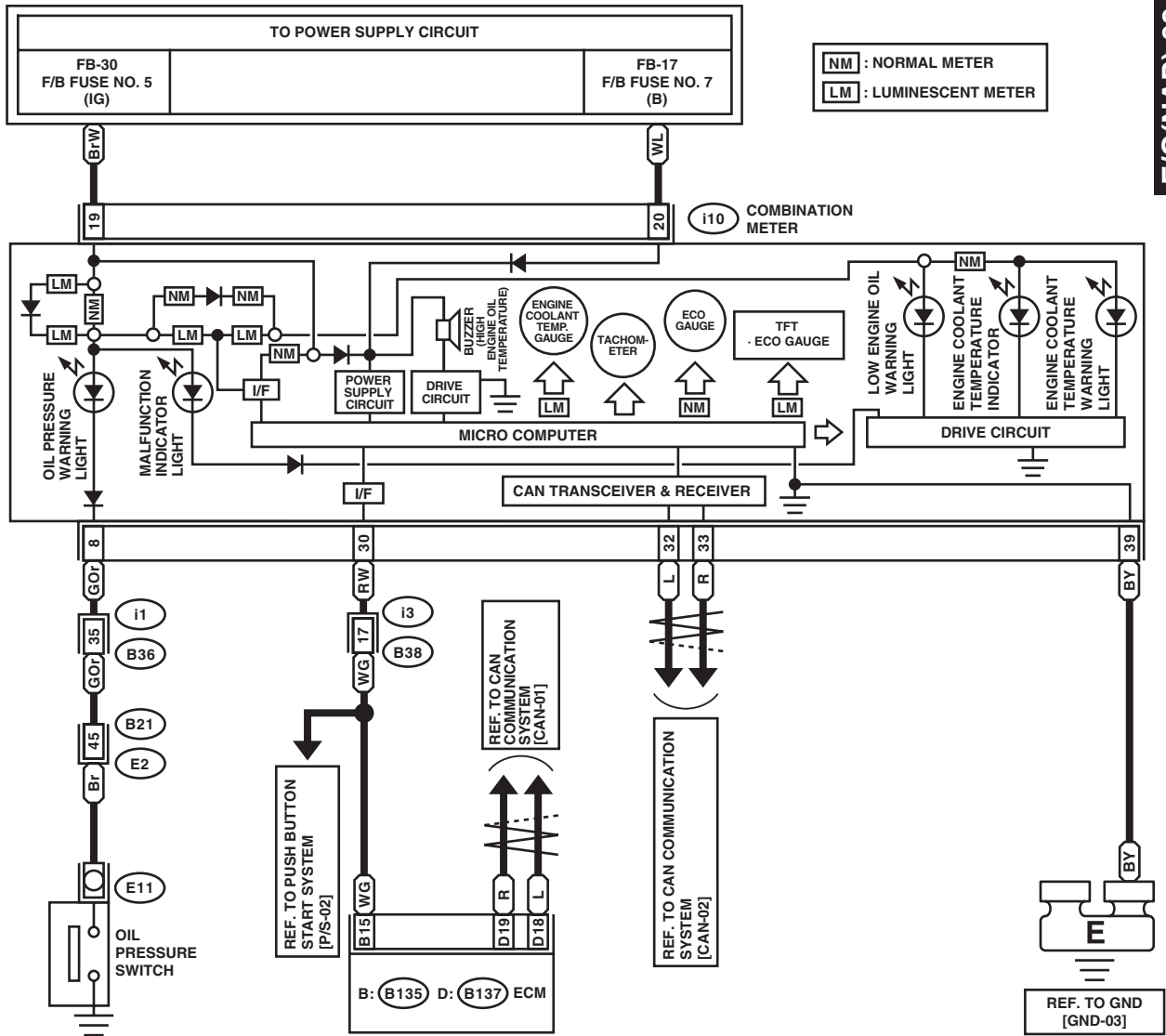
WI-41340

# Engine Electrical System

WIRING SYSTEM

E/G(NAP)-02

E/G(NAP)-02



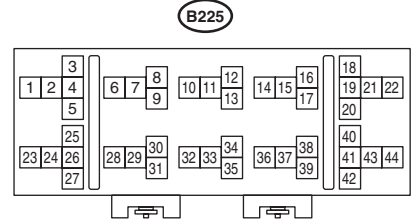
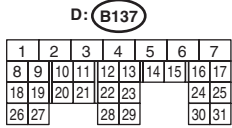
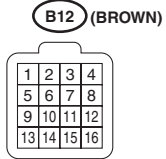
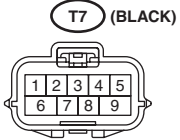
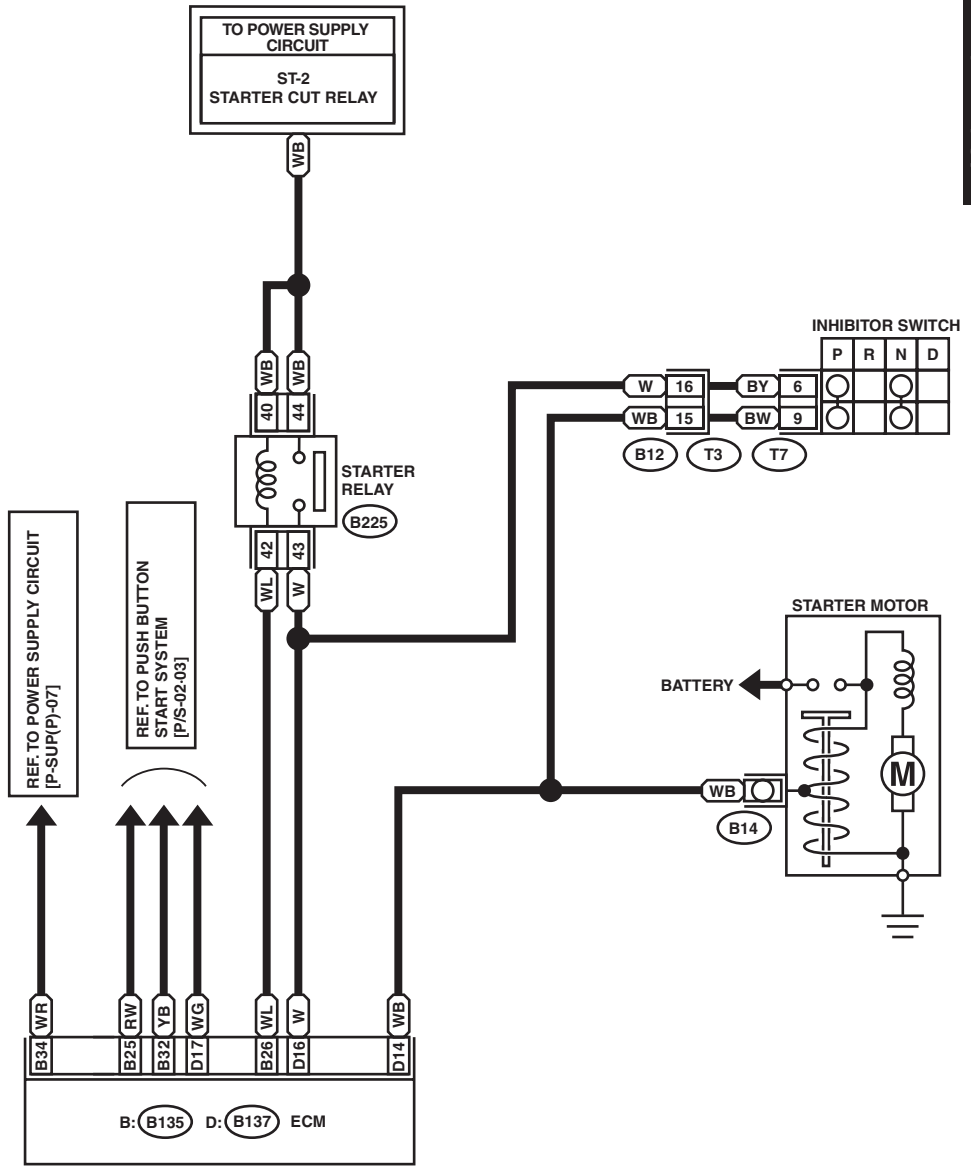
WI-36230

# Engine Electrical System

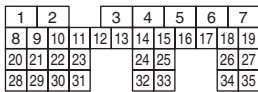
WIRING SYSTEM

E/G(NAP)-03

E/G(NAP)-03



B: B135



RELAY HOLDER

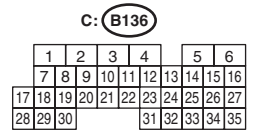
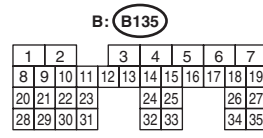
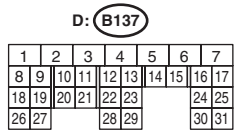
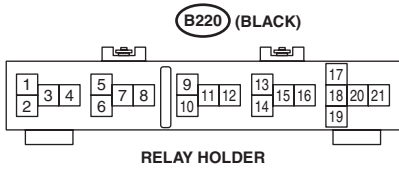
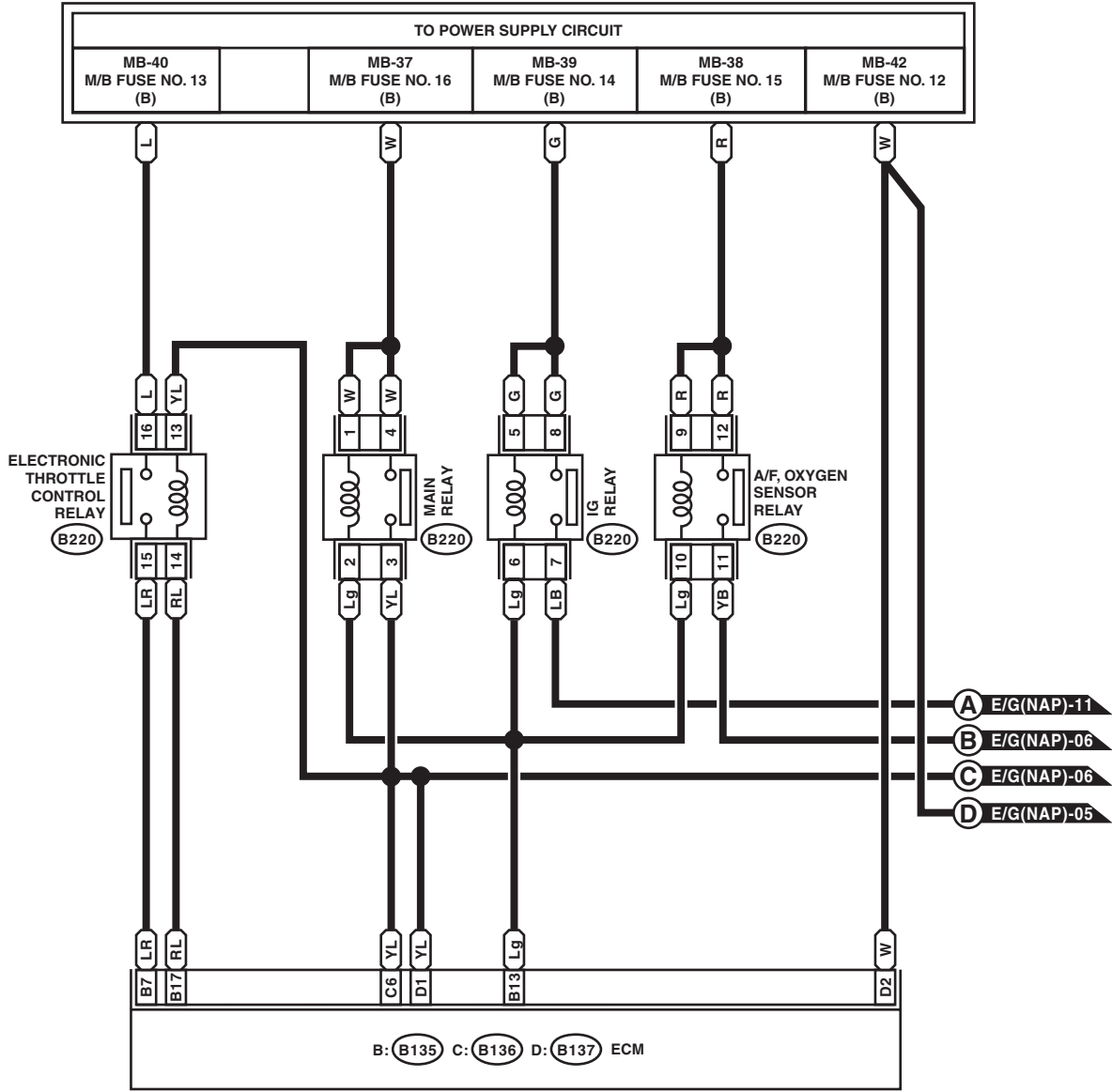
WI-36231

# Engine Electrical System

WIRING SYSTEM

E/G(NAP)-04

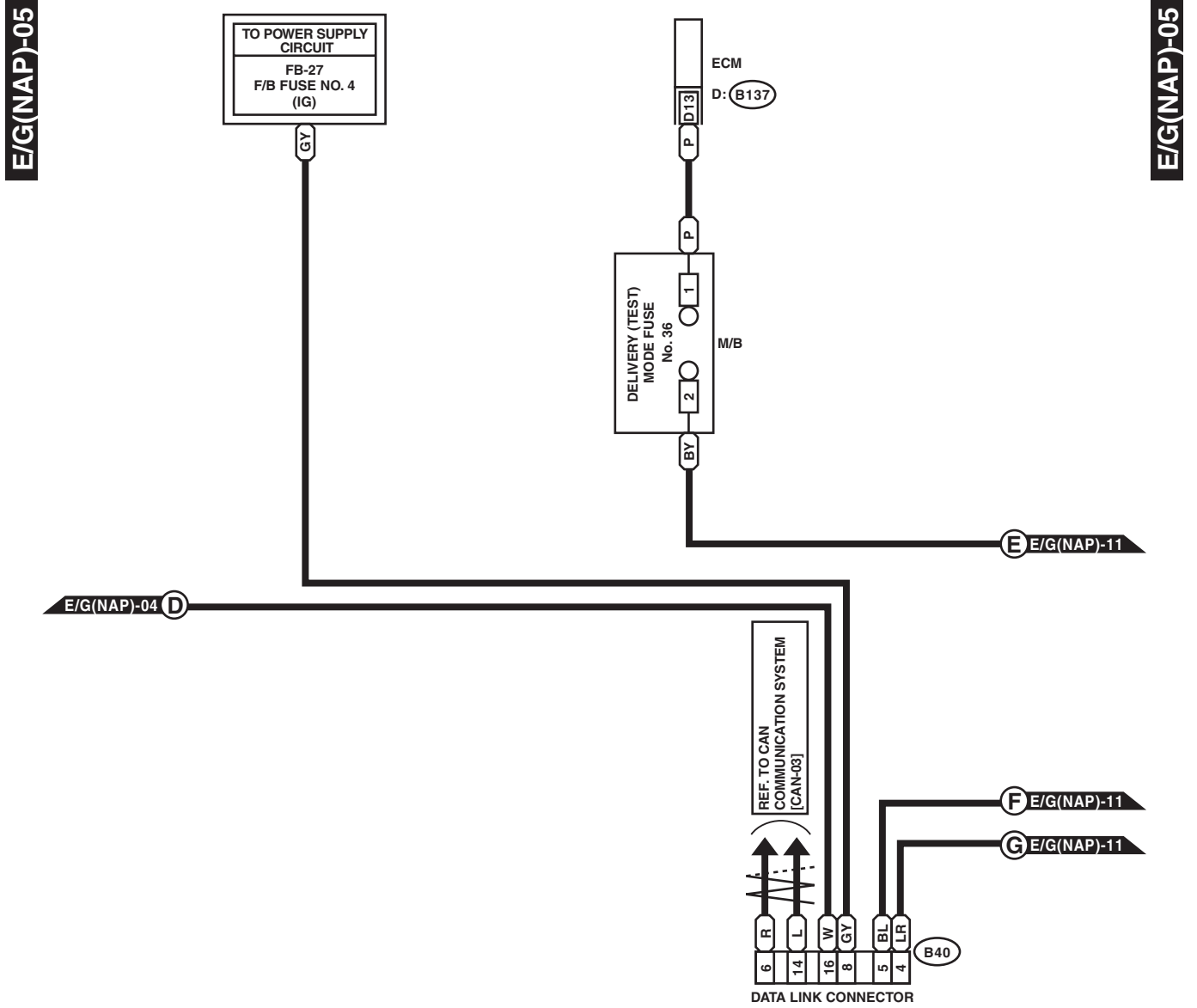
E/G(NAP)-04



WI-36232

# Engine Electrical System

## WIRING SYSTEM



B40

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

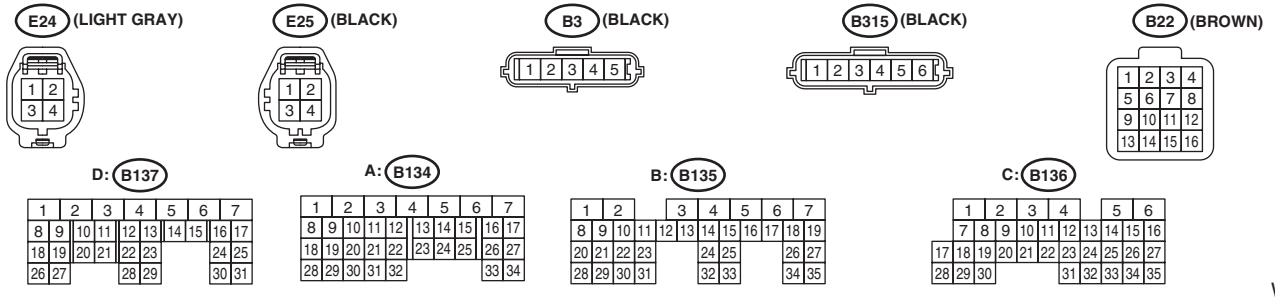
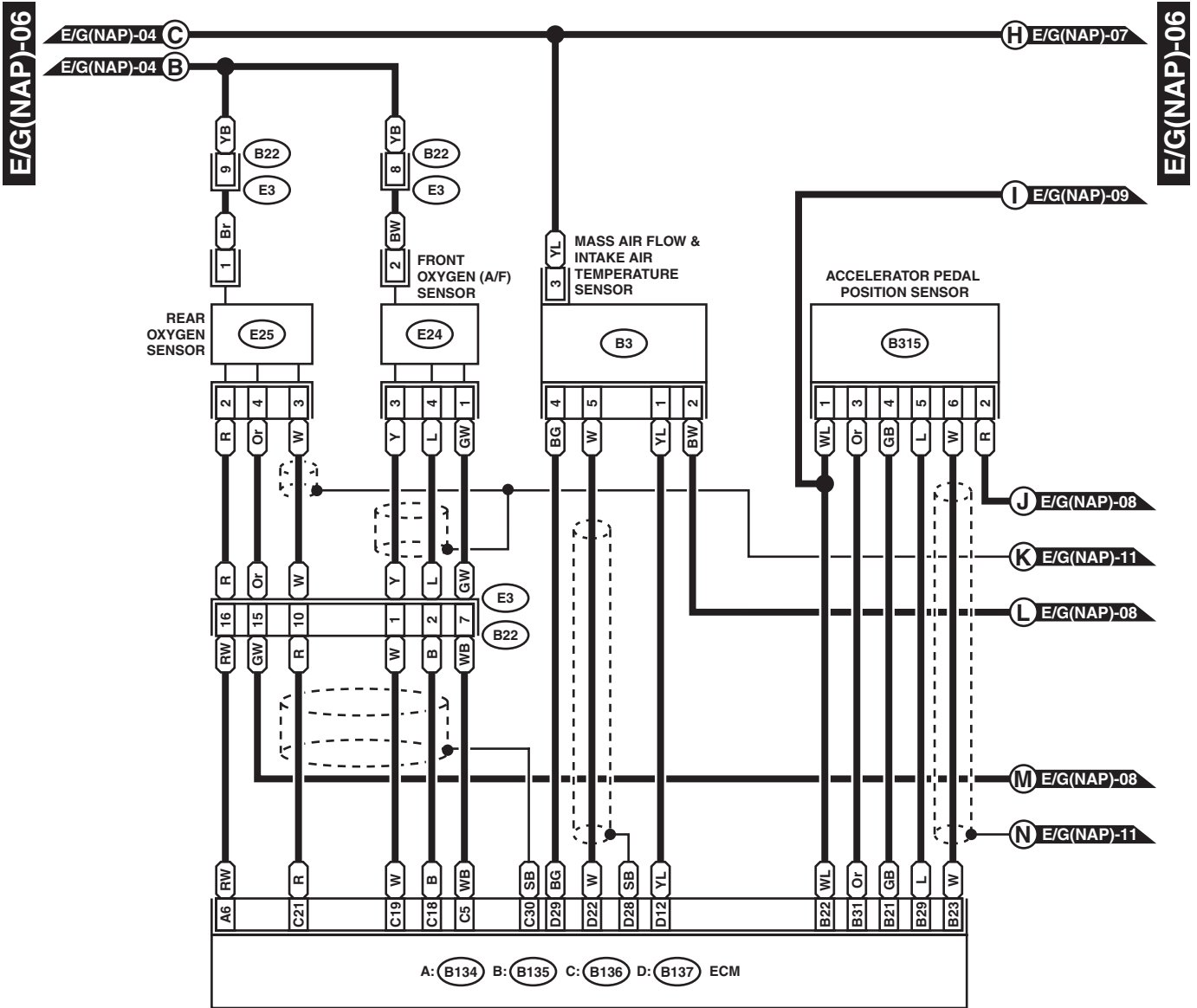
D: B137

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	27	28	29	30	31				

WI-36233

# Engine Electrical System

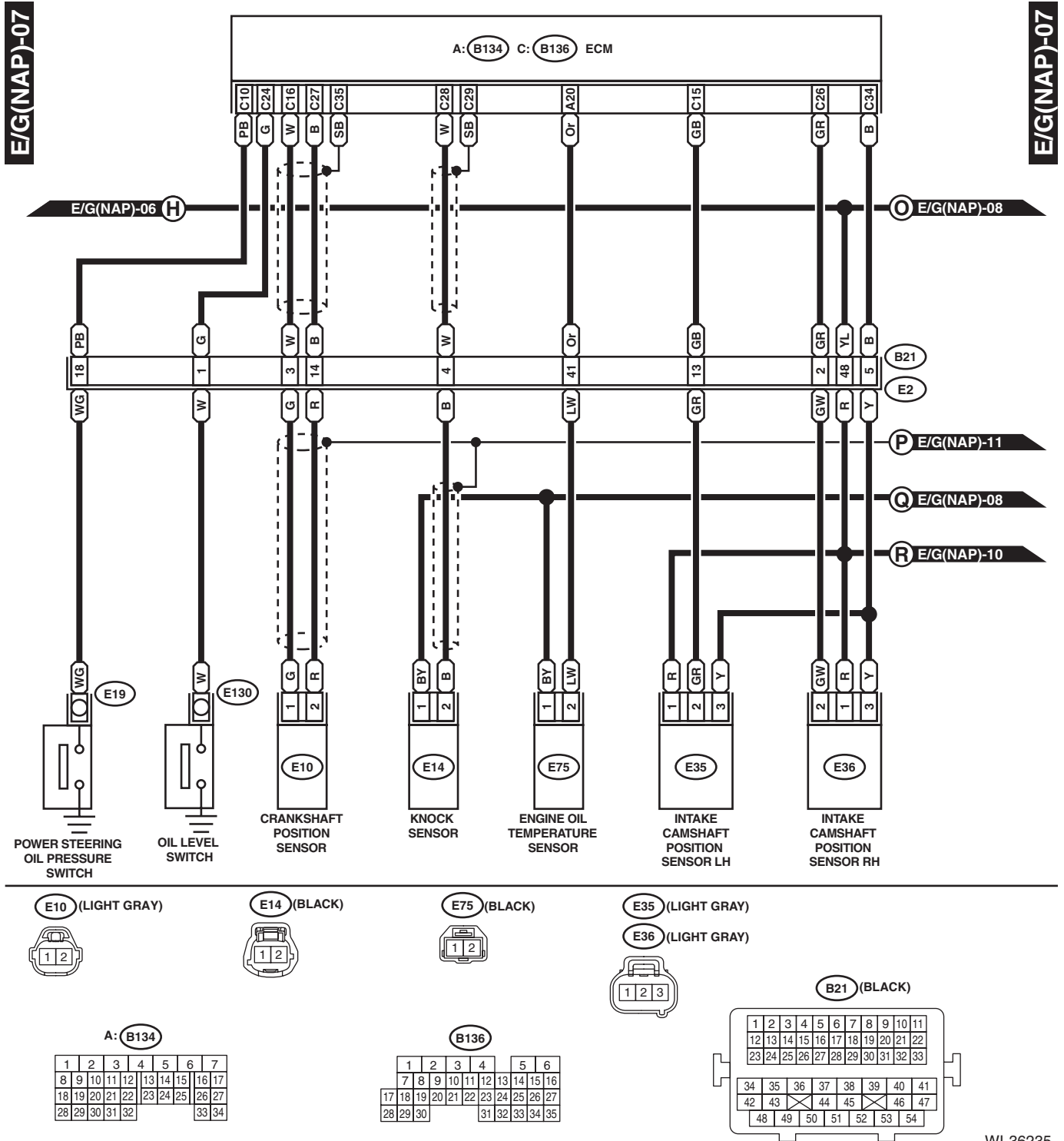
WIRING SYSTEM



WI-36234

# Engine Electrical System

WIRING SYSTEM



WI-36235

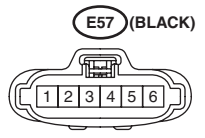
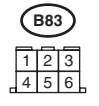
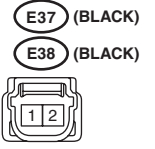
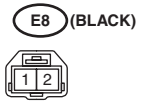
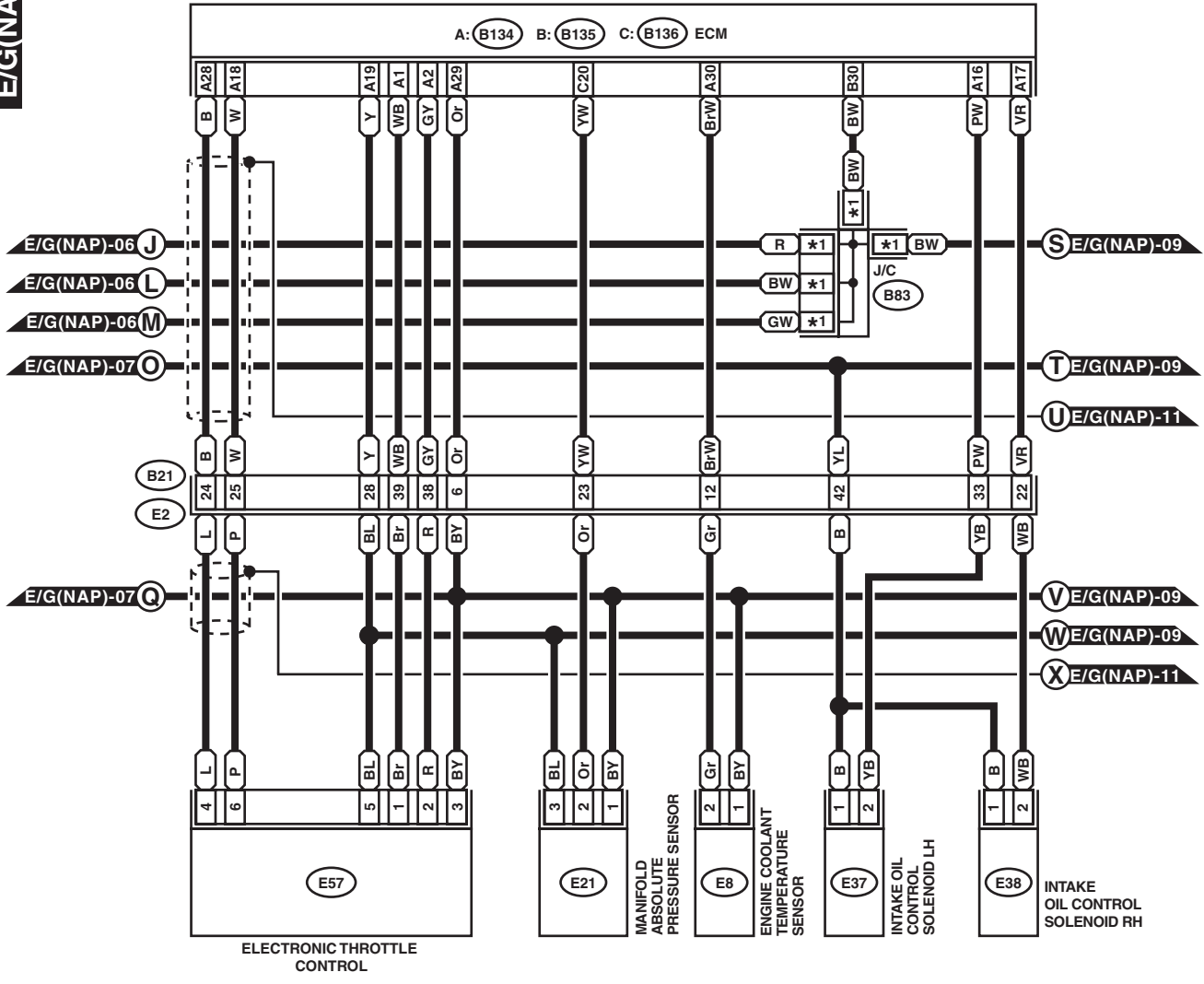
# Engine Electrical System

WIRING SYSTEM

E/G(NAP)-08

E/G(NAP)-08

\*1 : TERMINAL No. OPTIONAL ARRANGEMENT



A: B134

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	27
28	29	30	31	32	33	34			

B: B135

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	27				
28	29	30	31	32	33	34	35				

C: B136

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	27
28	29	30	31	32	33	34	35			

B21 (BLACK)

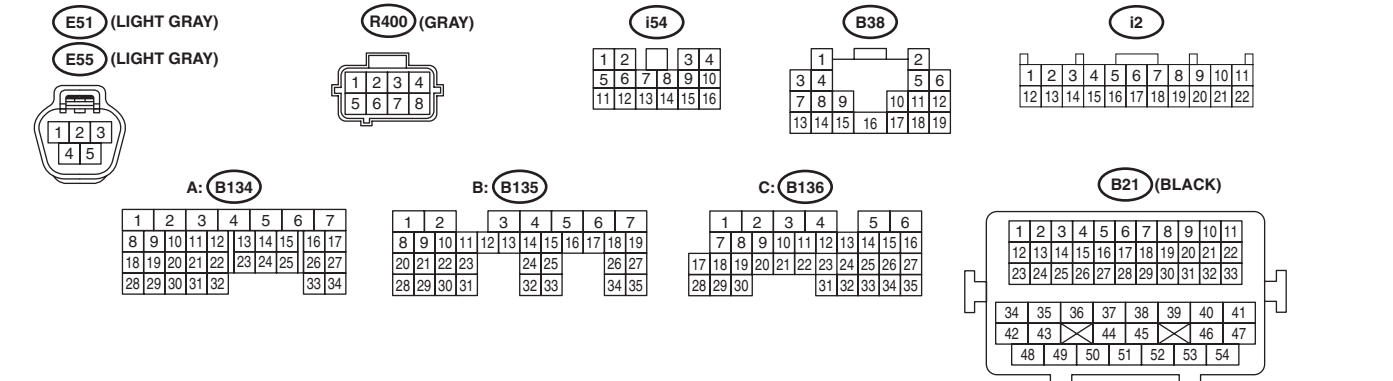
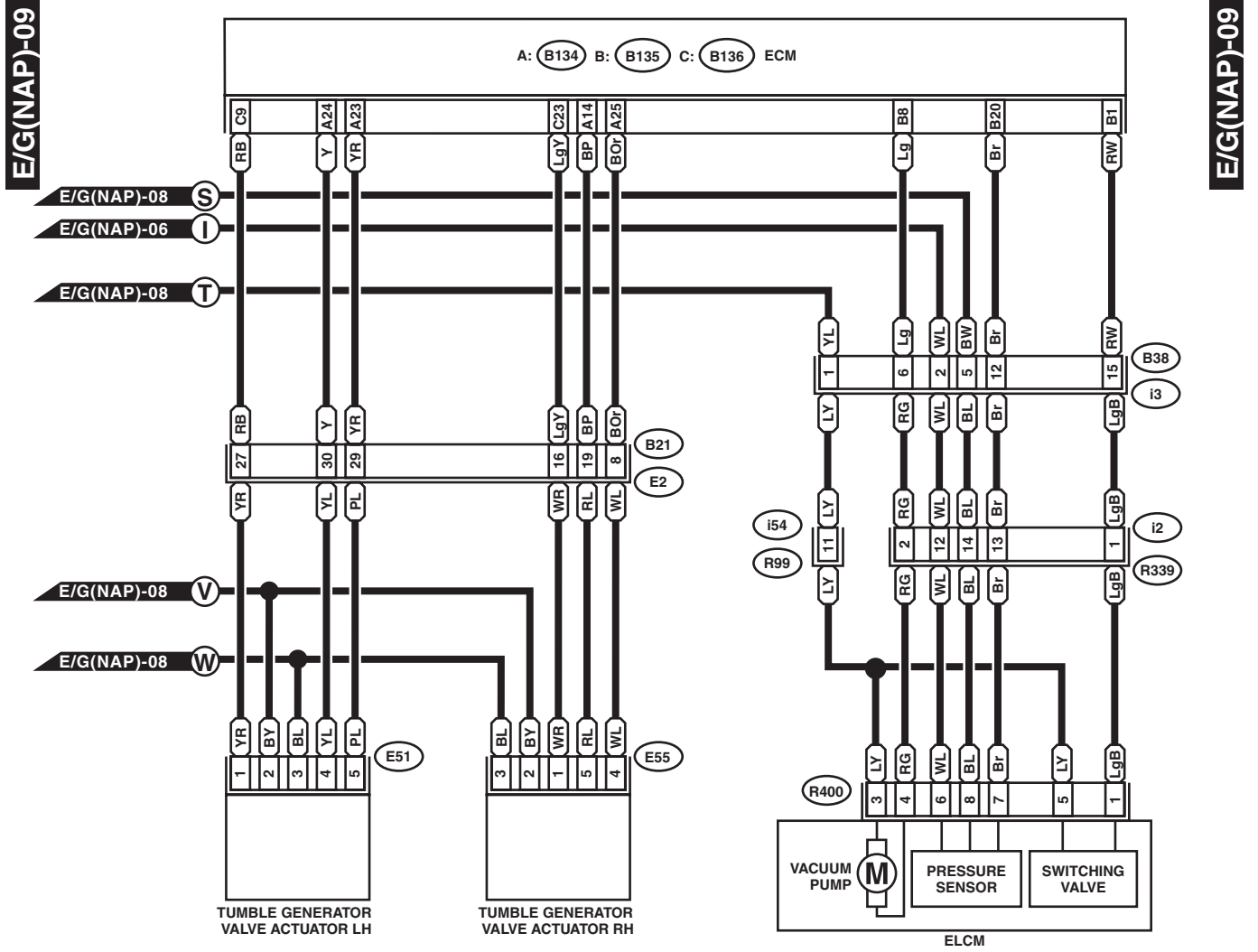
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47					
48	49	50	51	52	53	54				

WI-36236



# Engine Electrical System

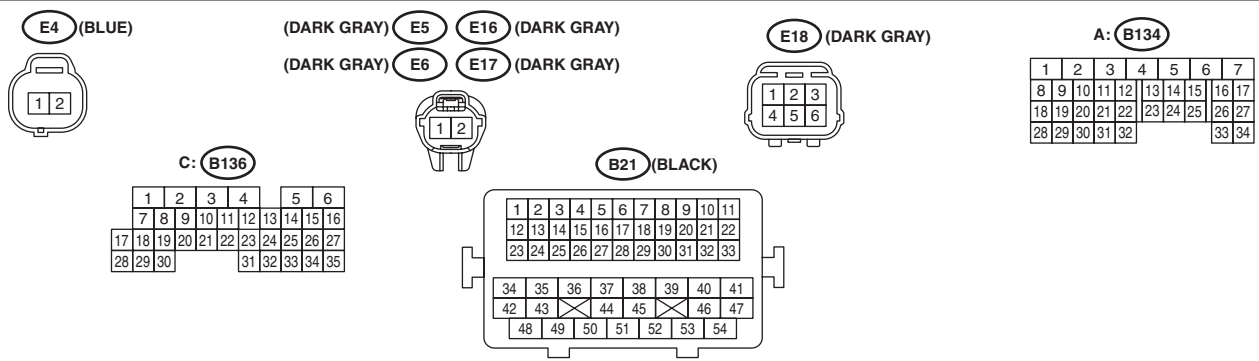
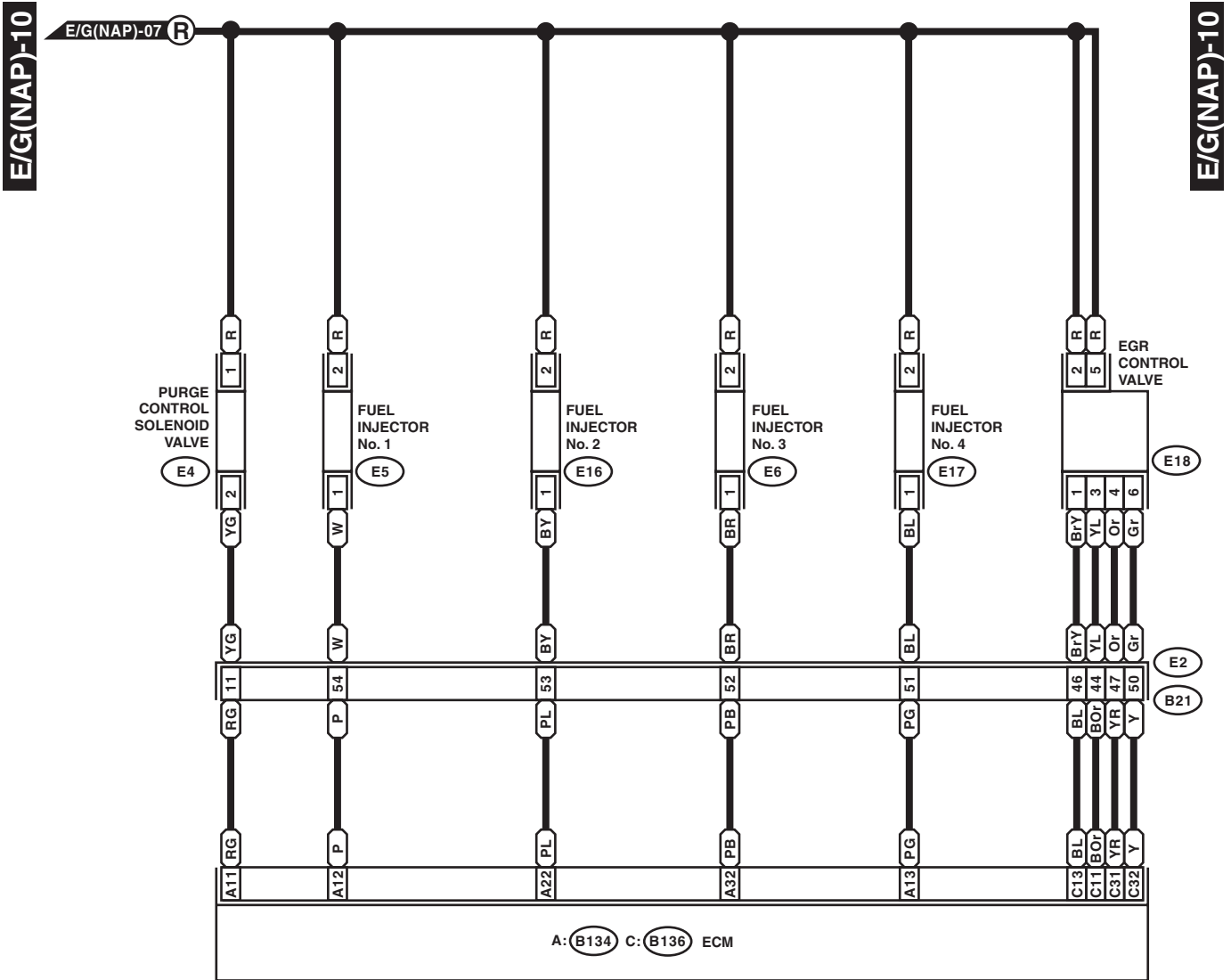
WIRING SYSTEM



WI-36237

# Engine Electrical System

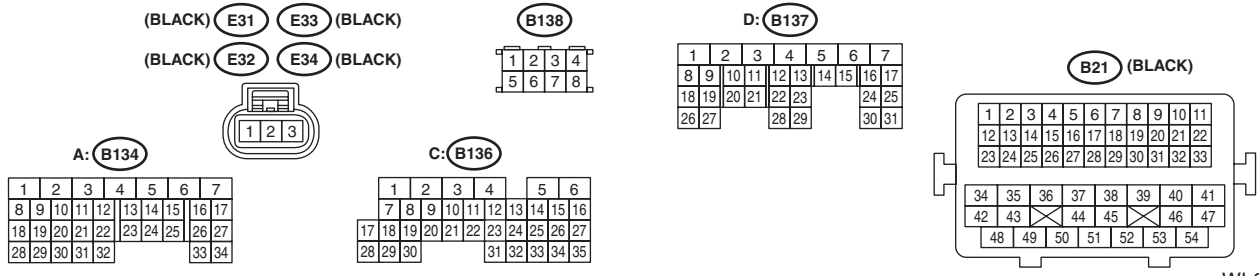
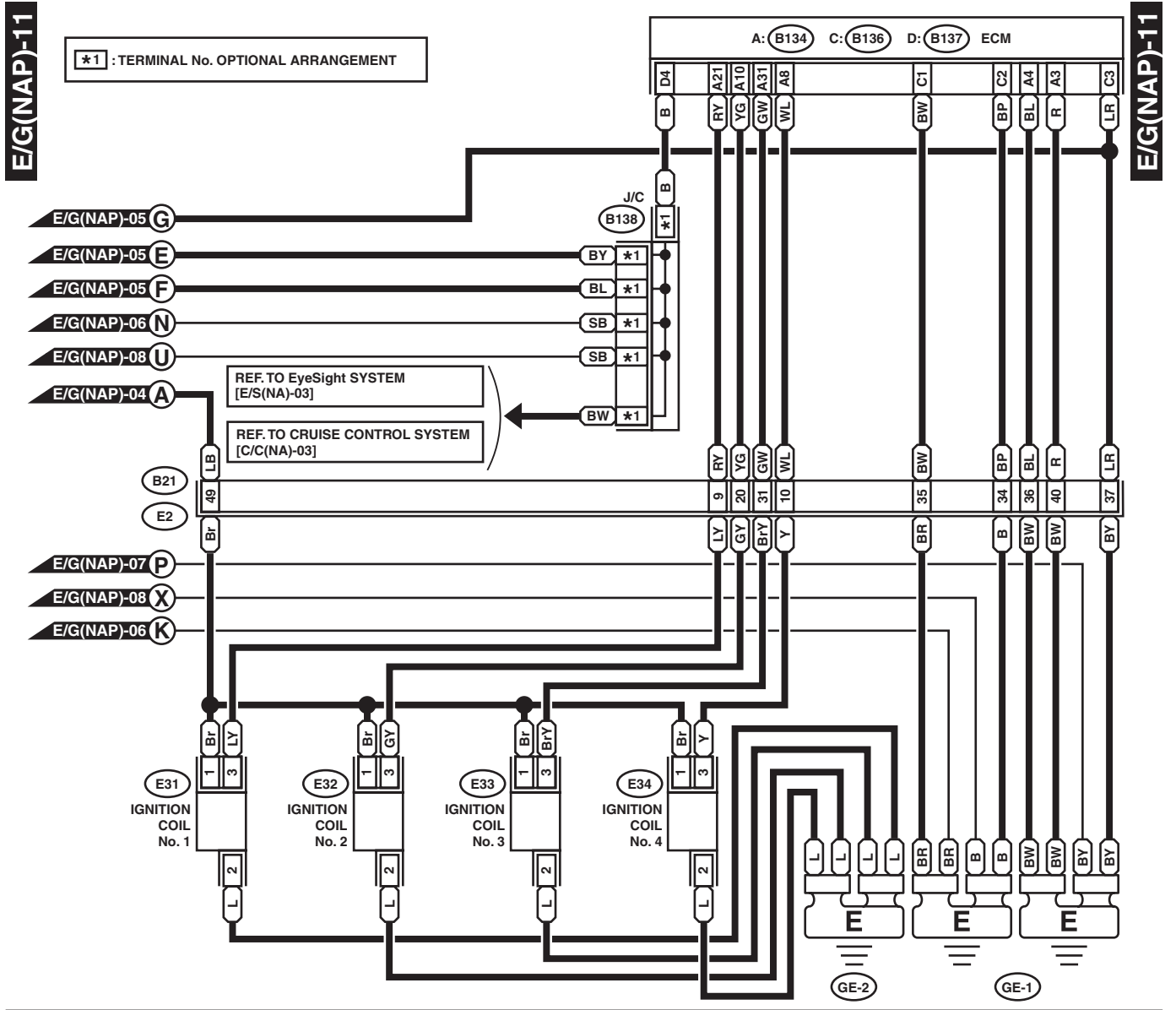
WIRING SYSTEM



WI-36238

# Engine Electrical System

## WIRING SYSTEM



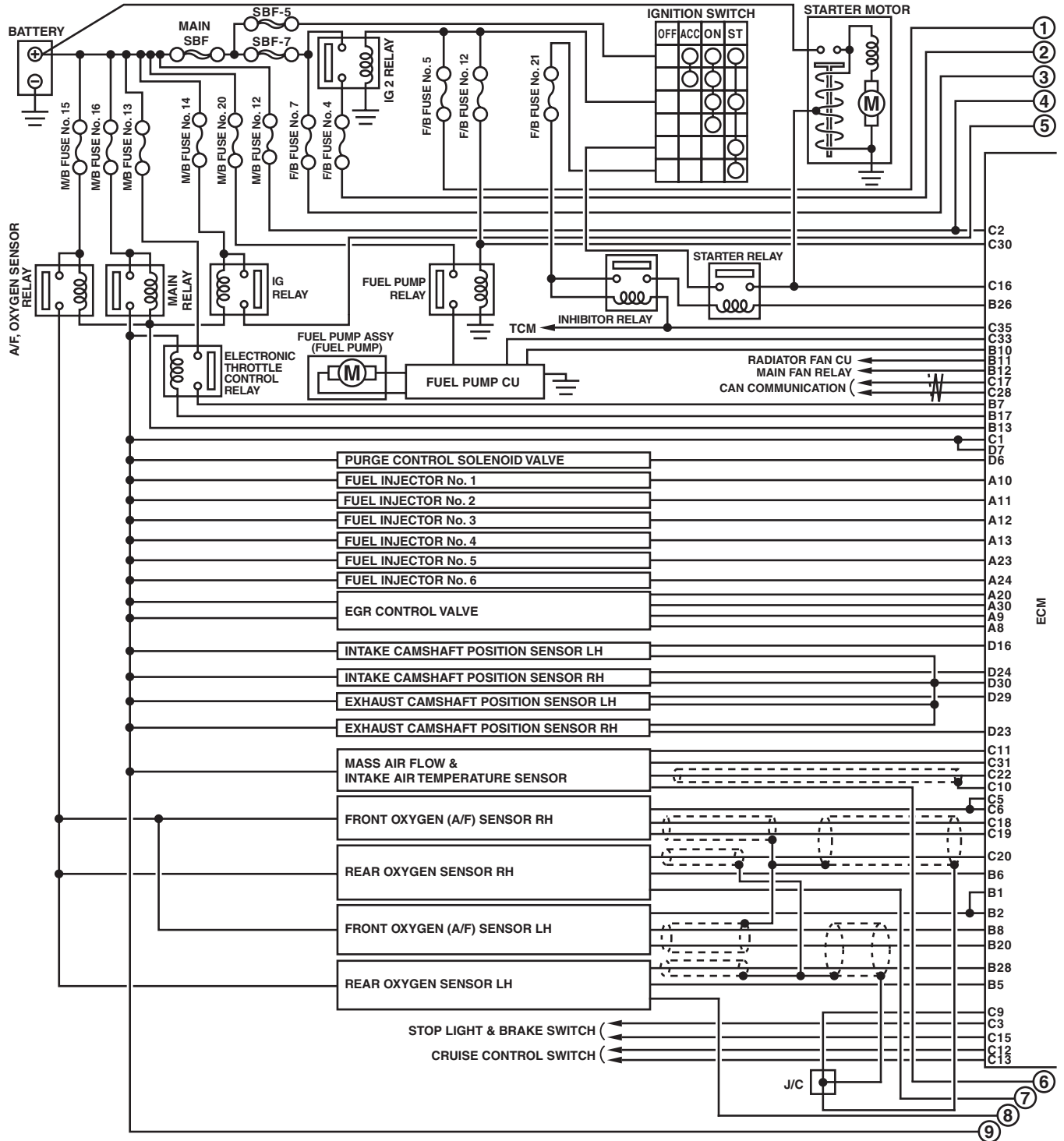
WI-36239



# Engine Electrical System

## WIRING SYSTEM

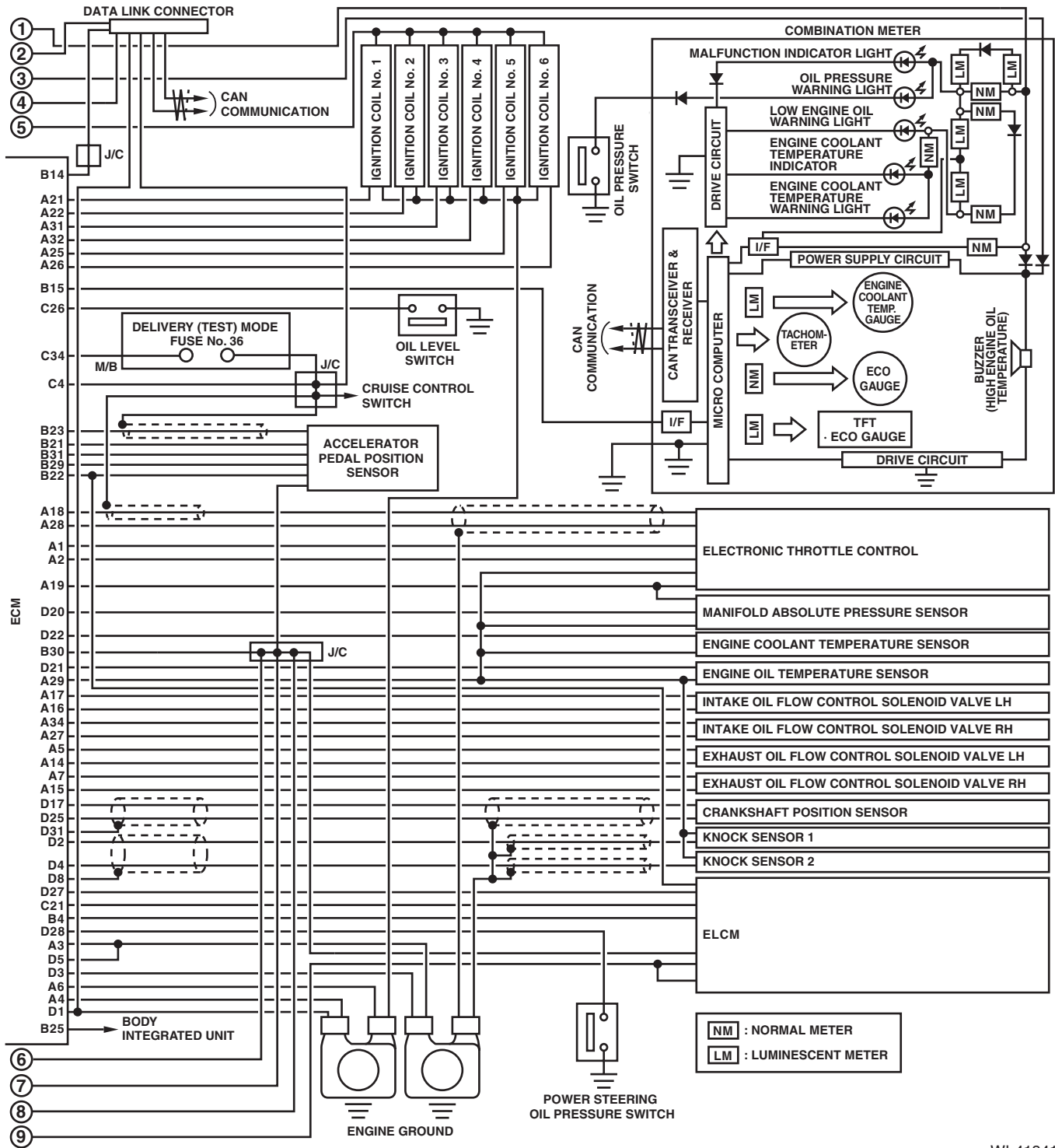
### 3. 3.6 L MODEL (WITHOUT PUSH BUTTON START)



WI-36240

# Engine Electrical System

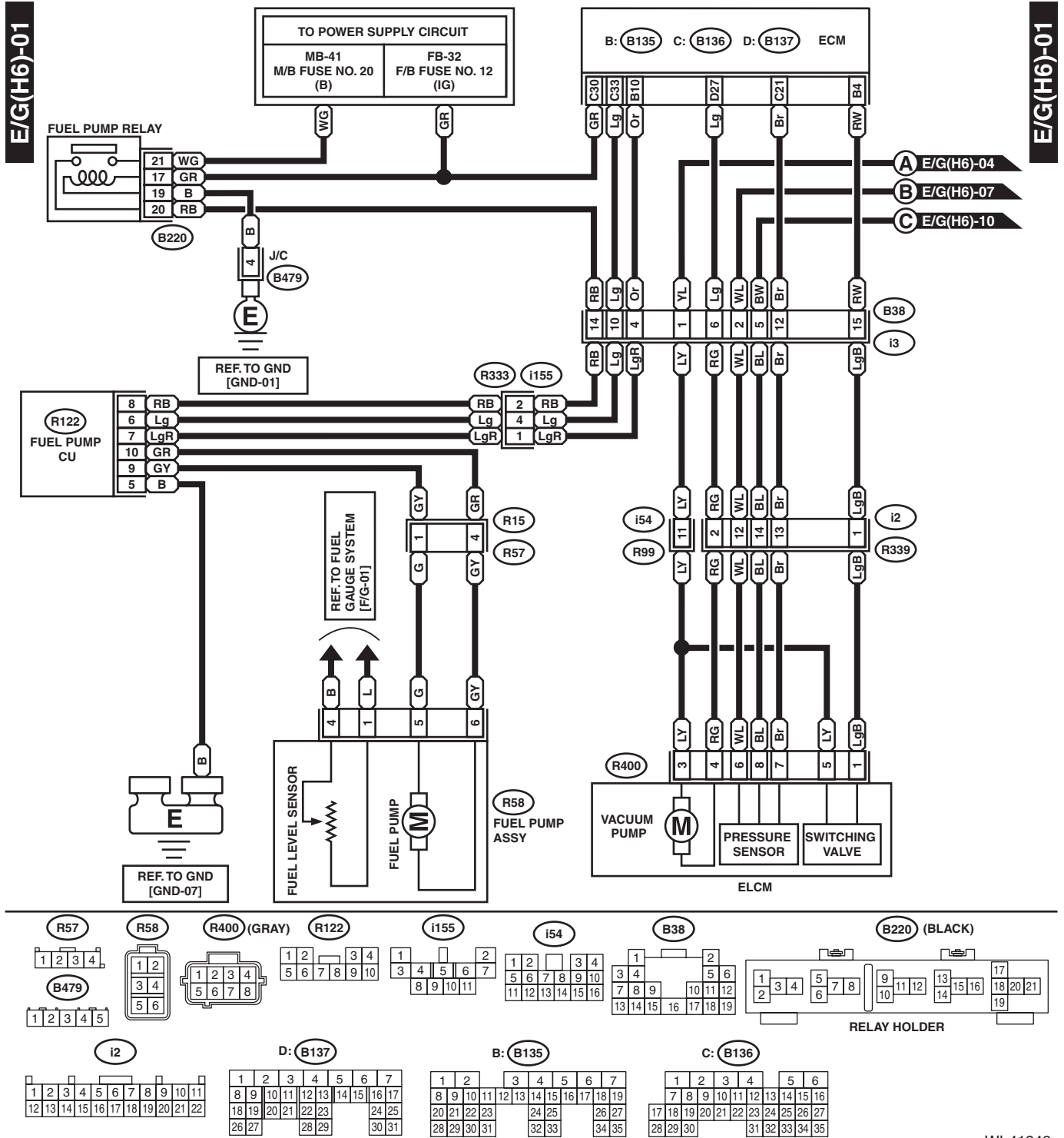
WIRING SYSTEM



WI-41341

# Engine Electrical System

## WIRING SYSTEM



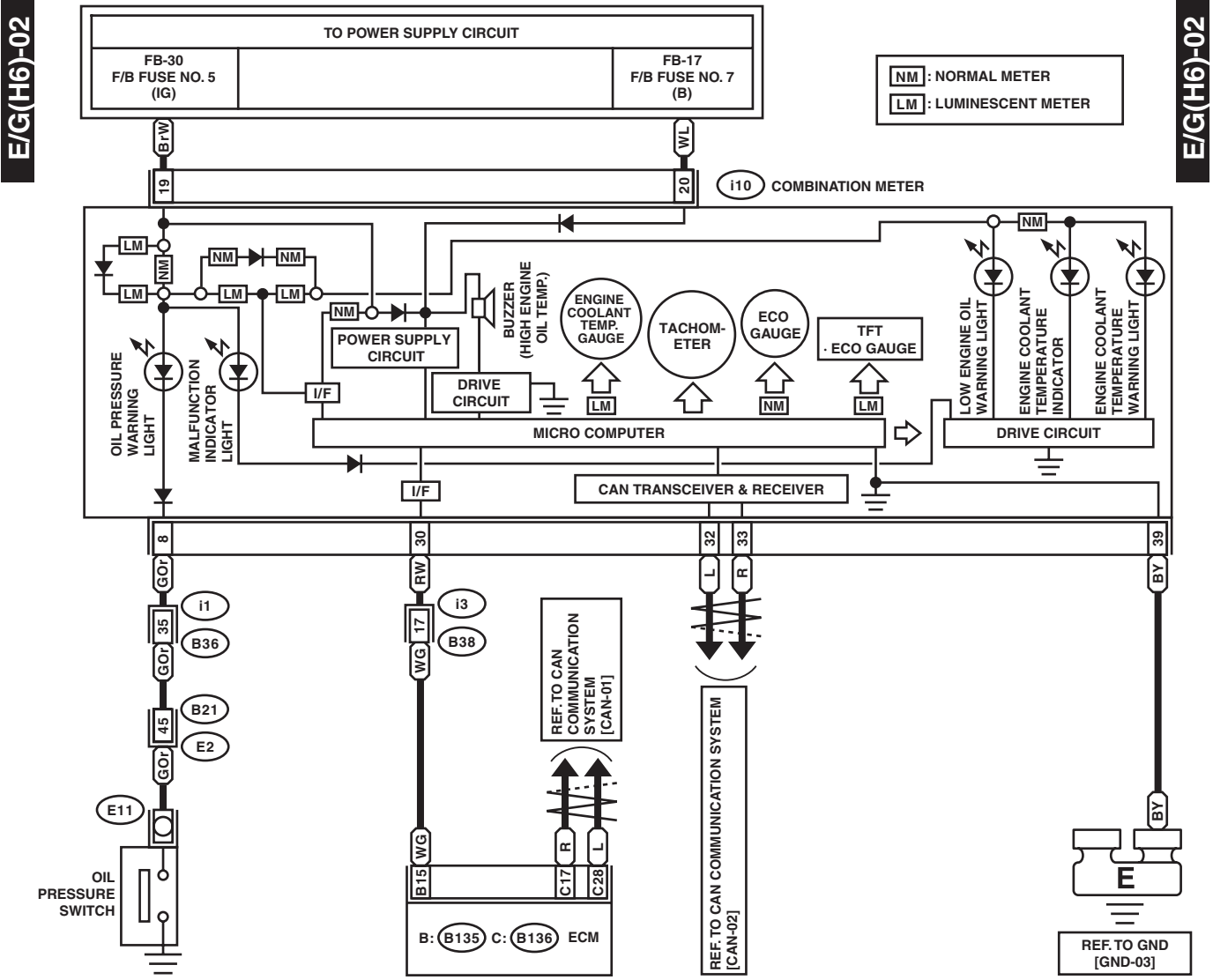
WI-41342

# Engine Electrical System

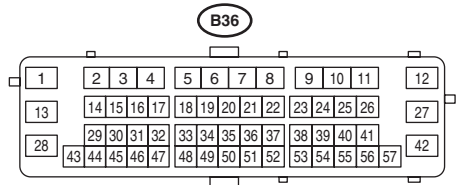
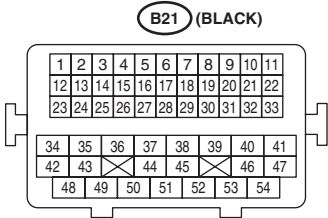
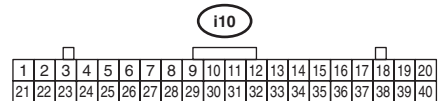
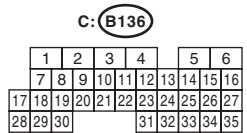
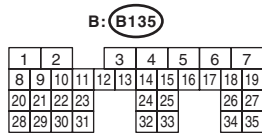
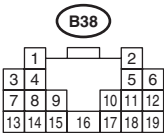
WIRING SYSTEM

E/G(H6)-02

E/G(H6)-02



NM : NORMAL METER  
LM : LUMINESCENT METER

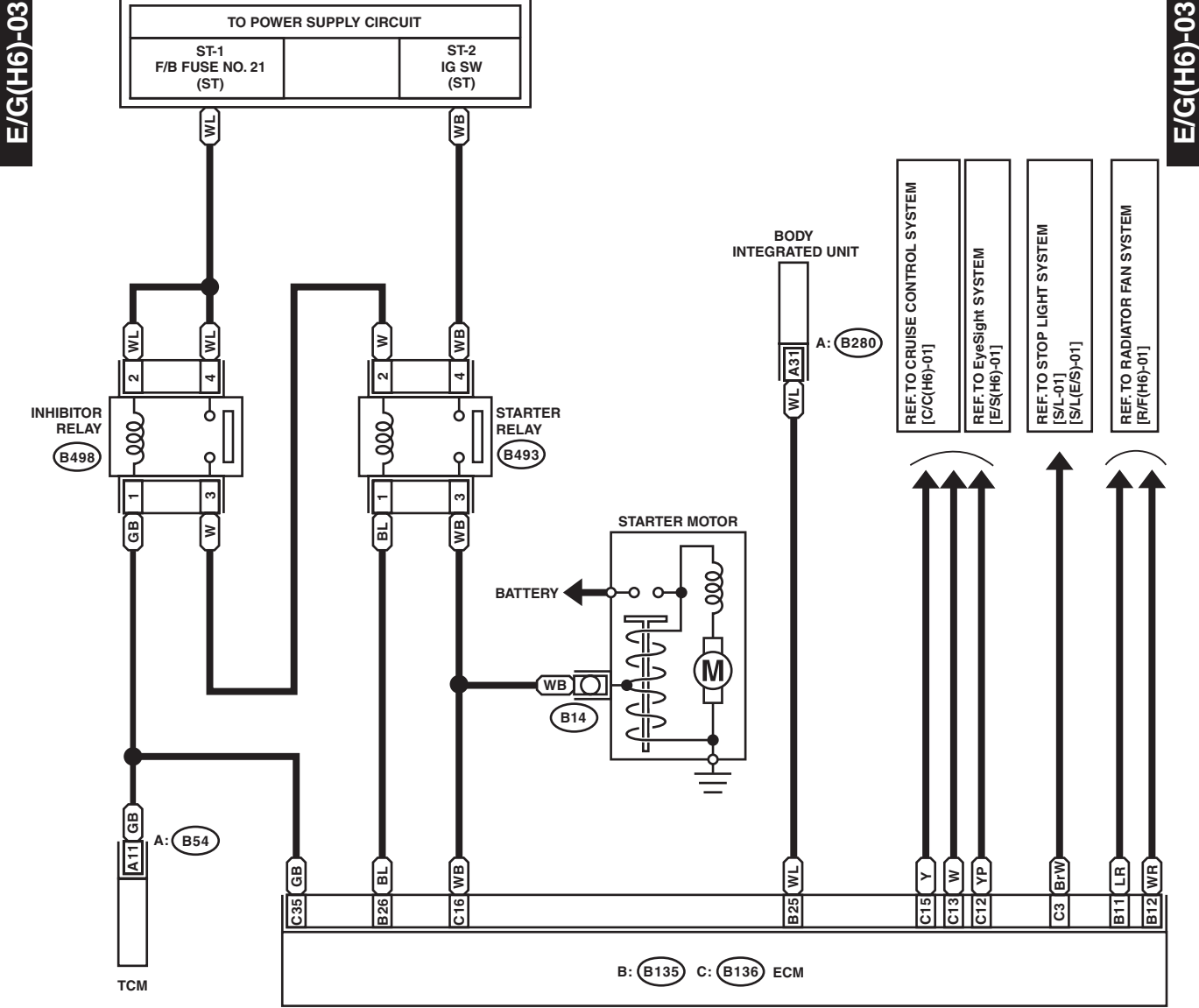


WI-41343



# Engine Electrical System

## WIRING SYSTEM



B493 (BLACK)

B498 (BLACK)



A: B280

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	27
28	29	30	31	32				33	34

A: B54

B: B135

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	27		
28	29	30	31		32	33		34	35		

C: B136

	7	8	9	10	11	12	13	14	15	16					
17	18	19	20	21	22	23	24	25	26	27					
28	29	30				31	32	33	34	35					

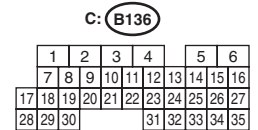
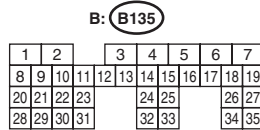
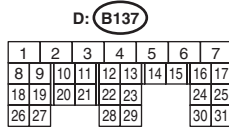
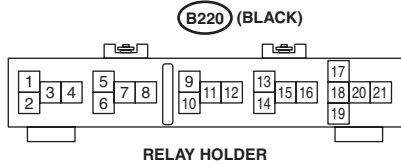
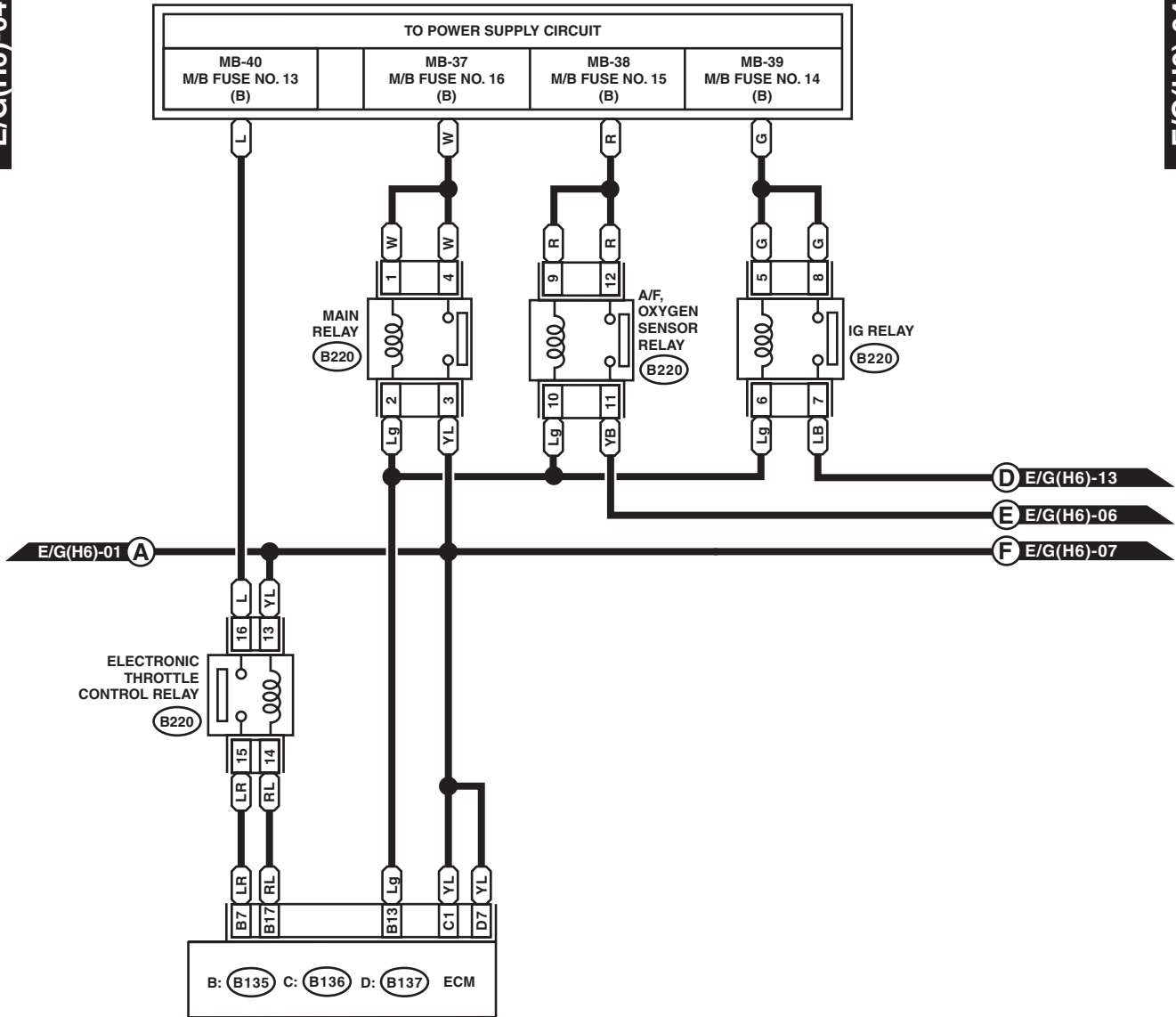
WI-36244

# Engine Electrical System

WIRING SYSTEM

E/G(H6)-04

E/G(H6)-04



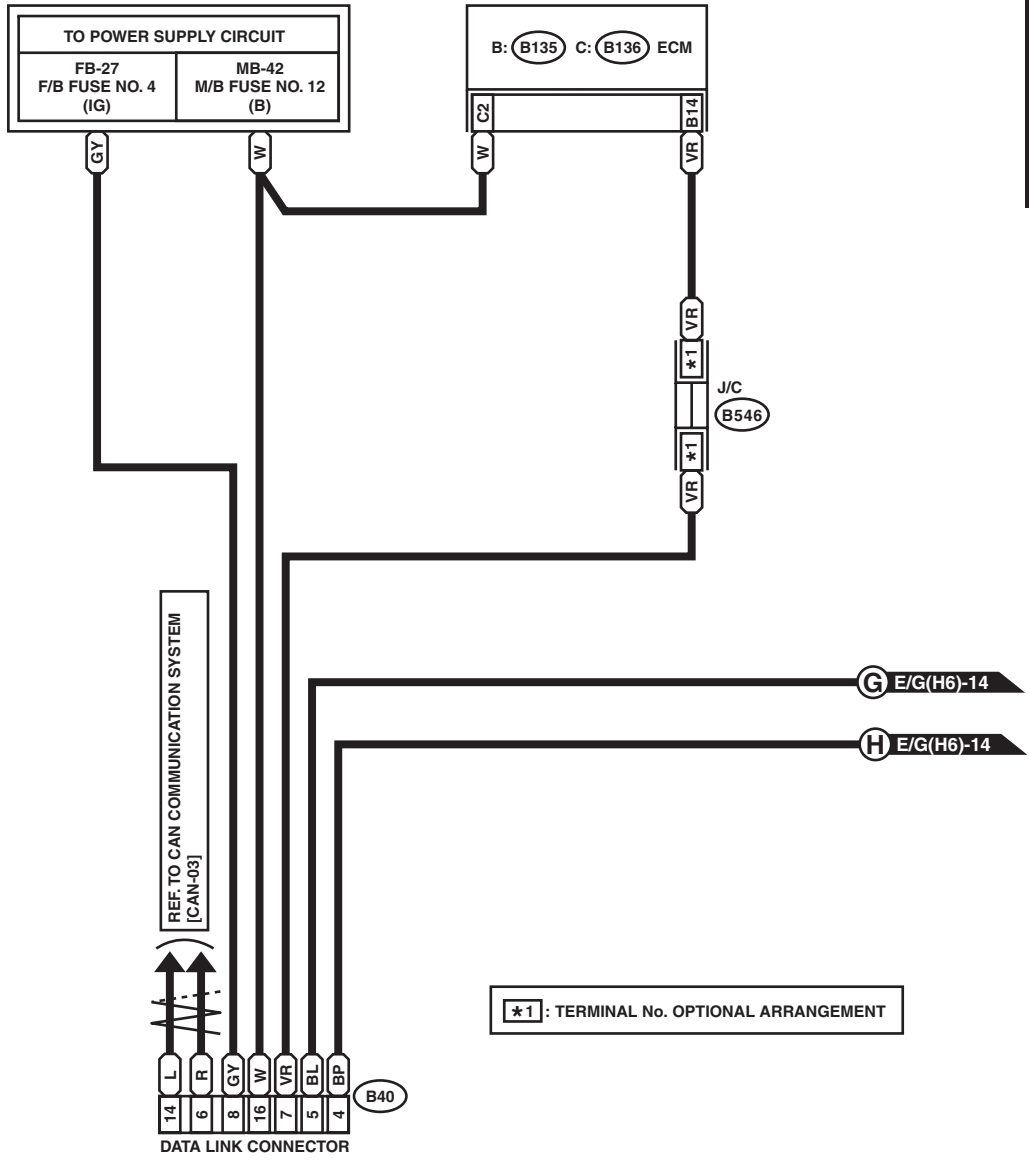
WI-36245

# Engine Electrical System

## WIRING SYSTEM

E/G(H6)-05

E/G(H6)-05



B546

1	2	3	4
5	6	7	8

B40

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

B: B135

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	27				
28	29	30	31	32	33	34	35				

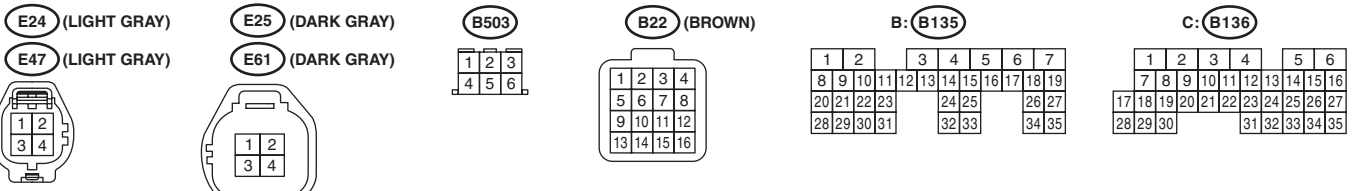
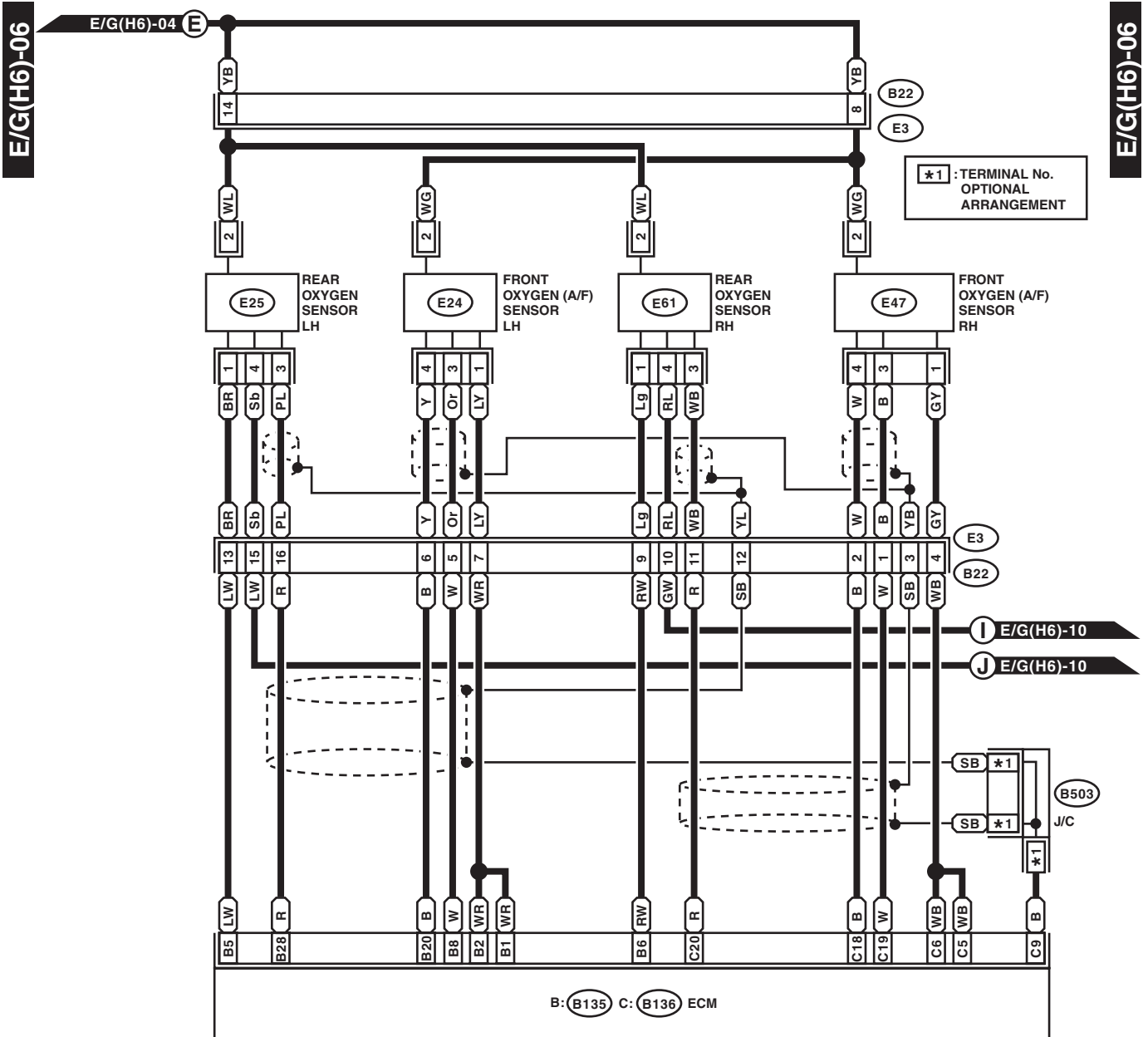
C: B136

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	27
28	29	30	31	32	33	34	35			

WI-36246

# Engine Electrical System

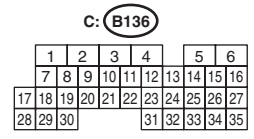
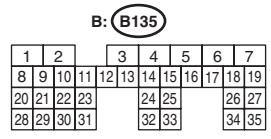
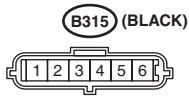
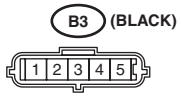
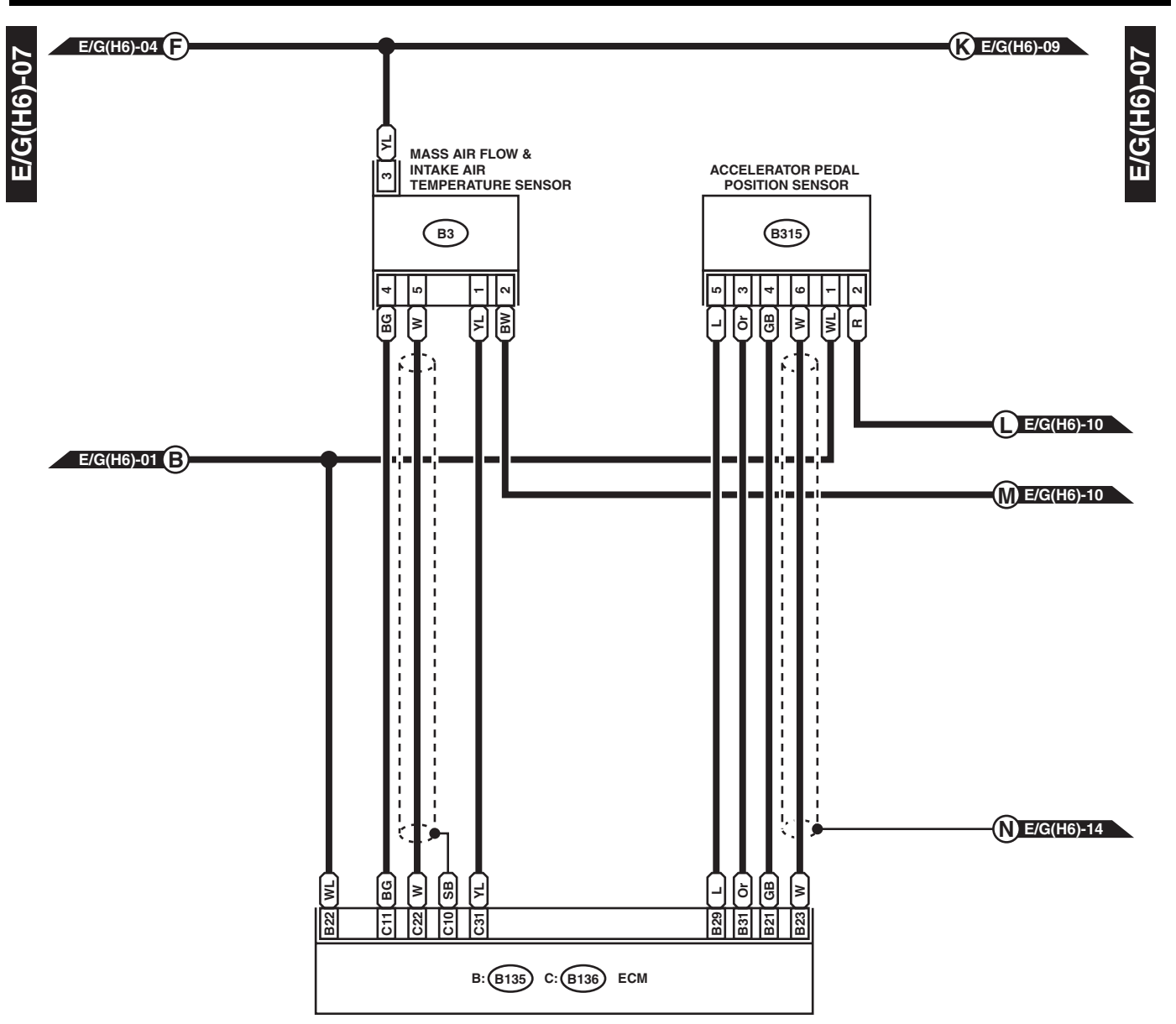
WIRING SYSTEM



WI-36247

# Engine Electrical System

## WIRING SYSTEM



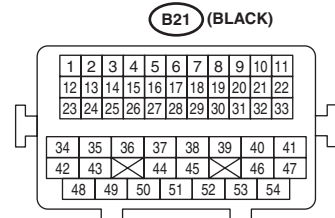
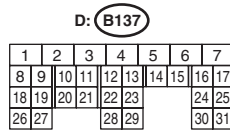
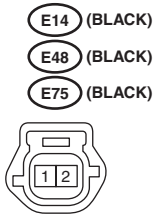
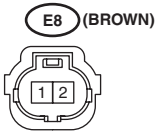
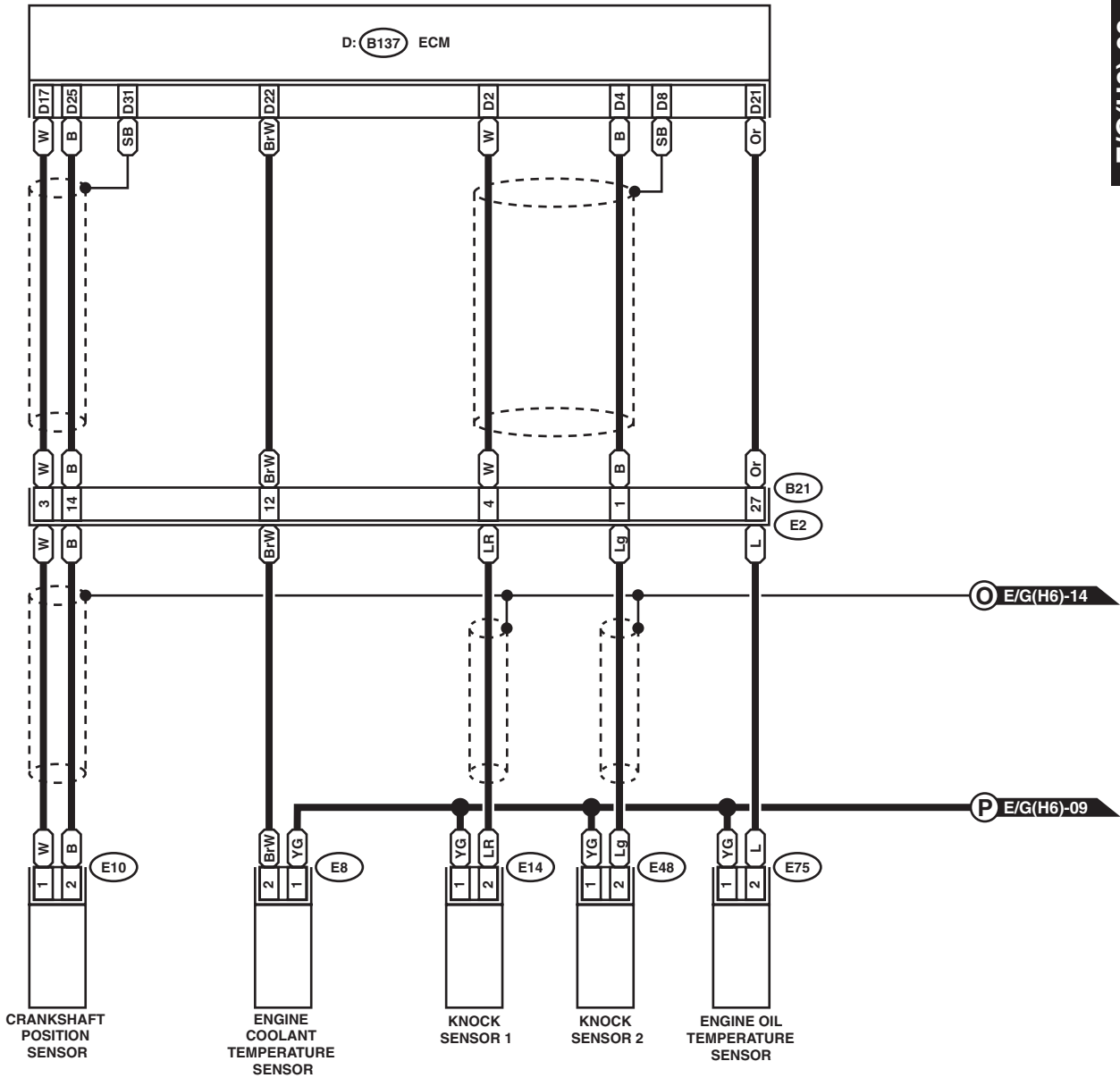
WI-36248

# Engine Electrical System

WIRING SYSTEM

E/G(H6)-08

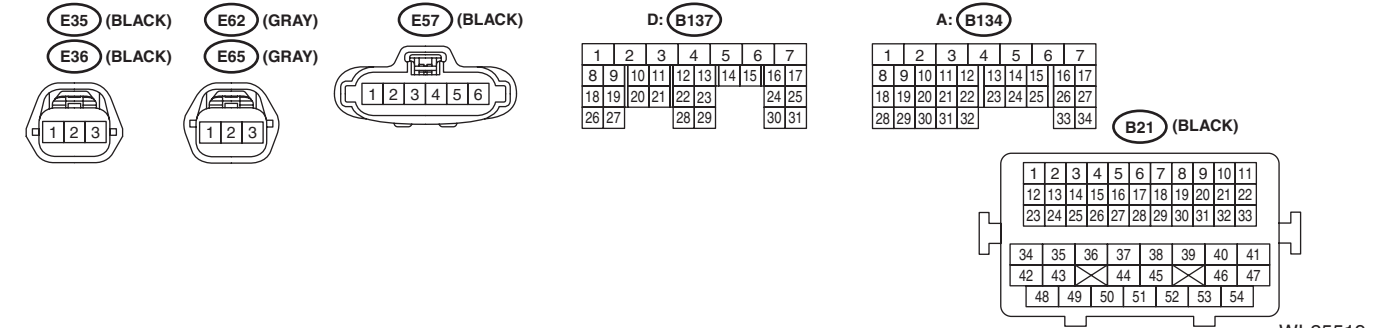
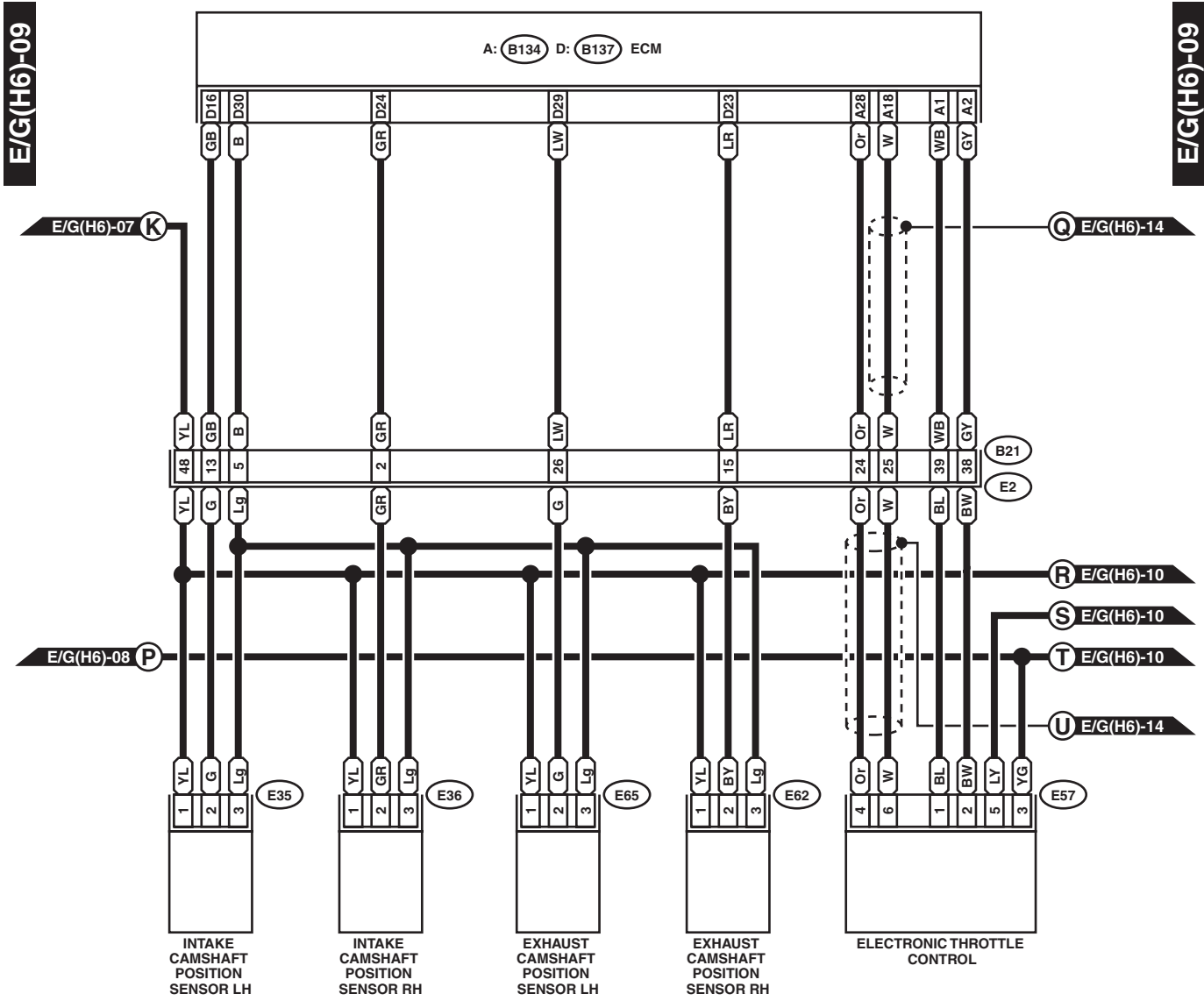
E/G(H6)-08



WI-36249

# Engine Electrical System

WIRING SYSTEM



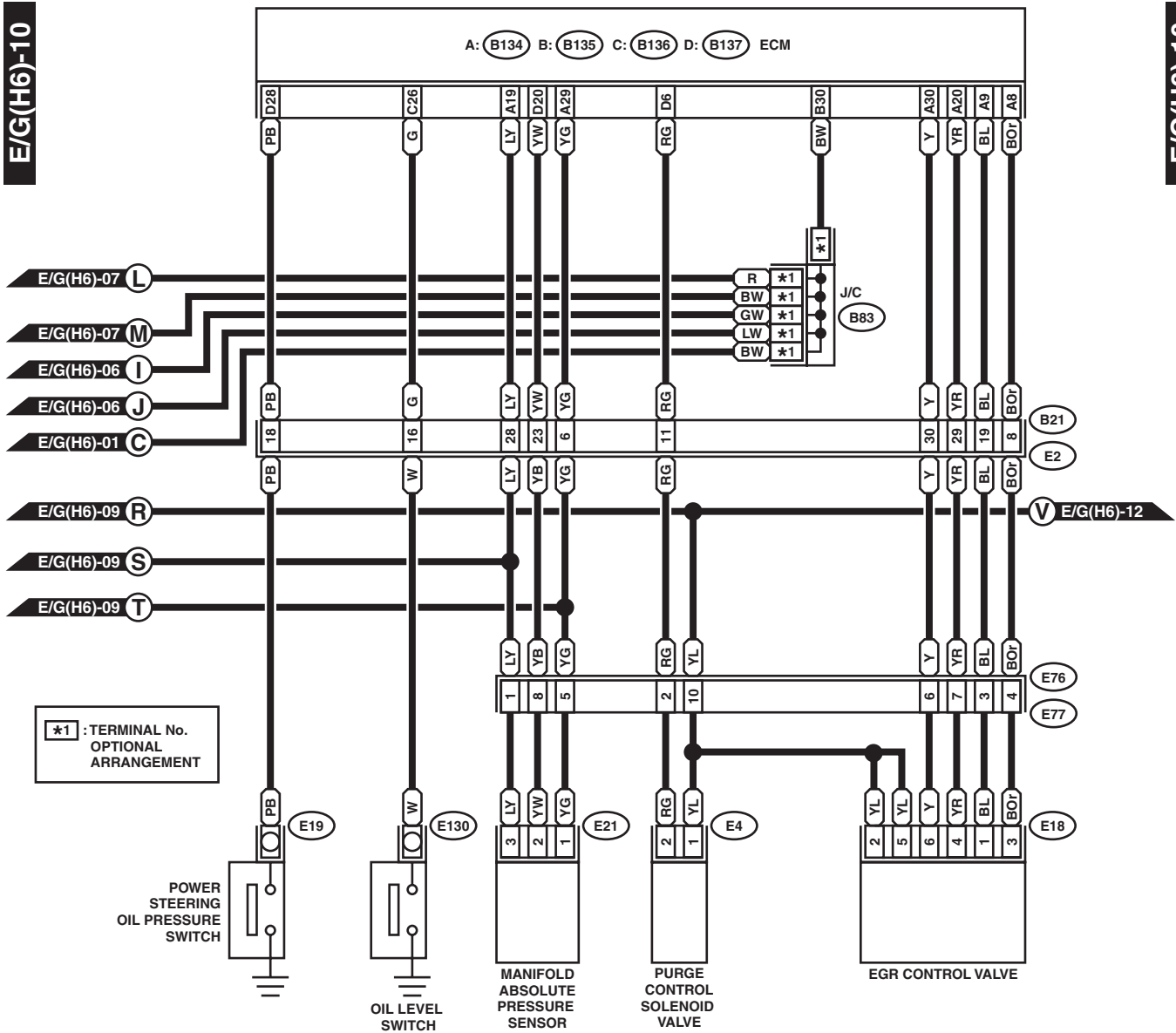
WI-25519

# Engine Electrical System

WIRING SYSTEM

E/G(H6)-10

E/G(H6)-10



\*1 : TERMINAL No.  
OPTIONAL  
ARRANGEMENT

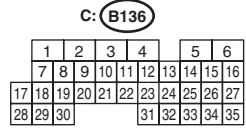
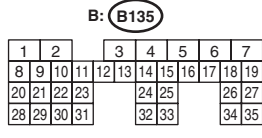
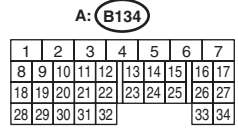
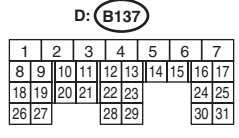
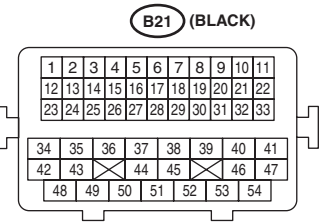
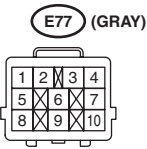
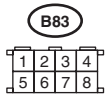
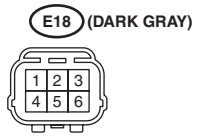
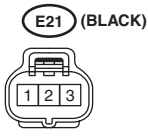
POWER  
STEERING  
OIL PRESSURE  
SWITCH

OIL LEVEL  
SWITCH

MANIFOLD  
ABSOLUTE  
PRESSURE  
SENSOR

PURGE  
CONTROL  
SOLENOID  
VALVE

EGR CONTROL VALVE

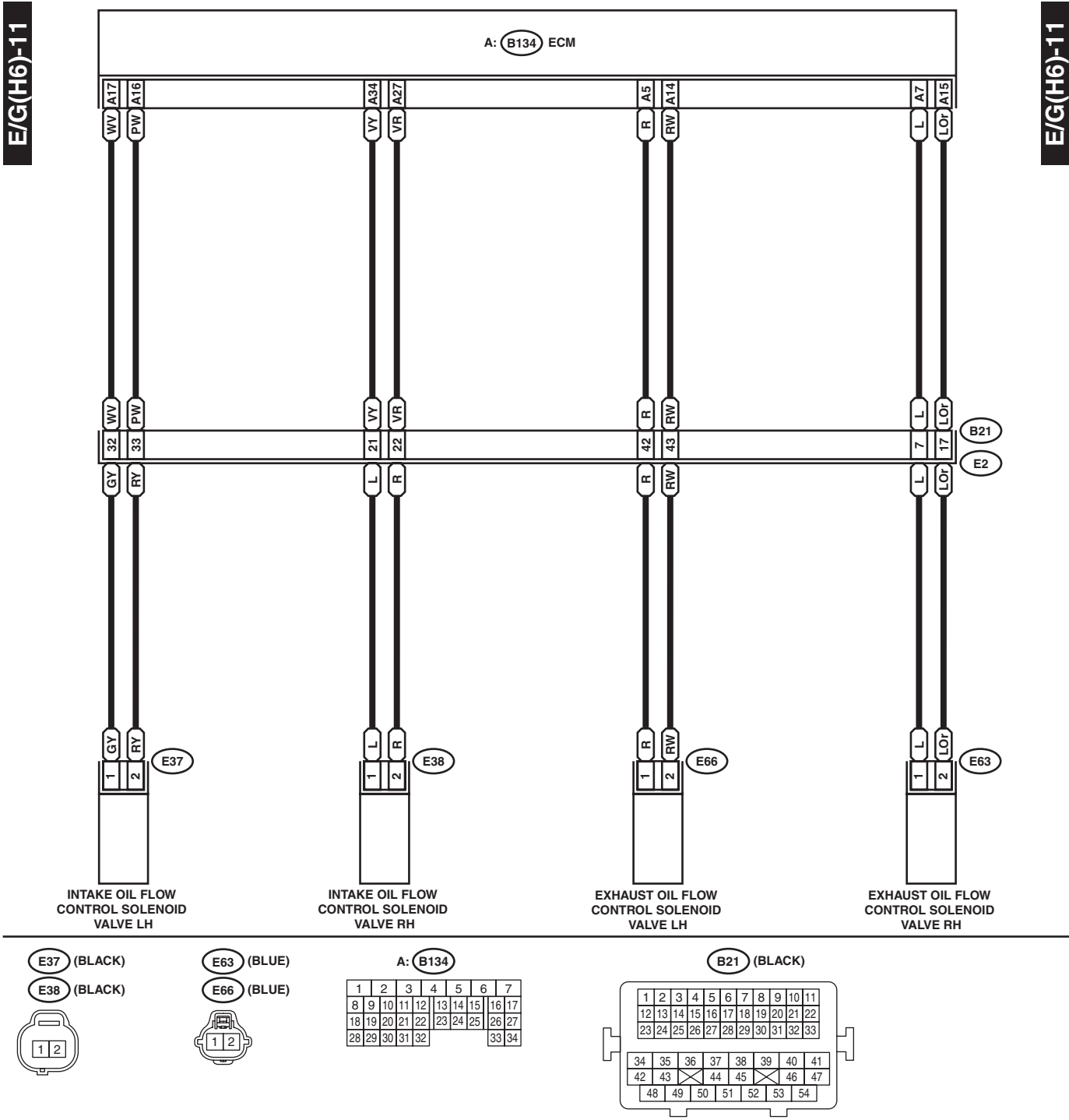


WI-36251



# Engine Electrical System

WIRING SYSTEM



INTAKE OIL FLOW CONTROL SOLENOID VALVE LH

INTAKE OIL FLOW CONTROL SOLENOID VALVE RH

EXHAUST OIL FLOW CONTROL SOLENOID VALVE LH

EXHAUST OIL FLOW CONTROL SOLENOID VALVE RH

- E37 (BLACK)
- E38 (BLACK)



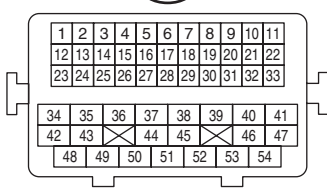
- E63 (BLUE)
- E66 (BLUE)



A: B134

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	27
28	29	30	31	32				33	34

- B21 (BLACK)



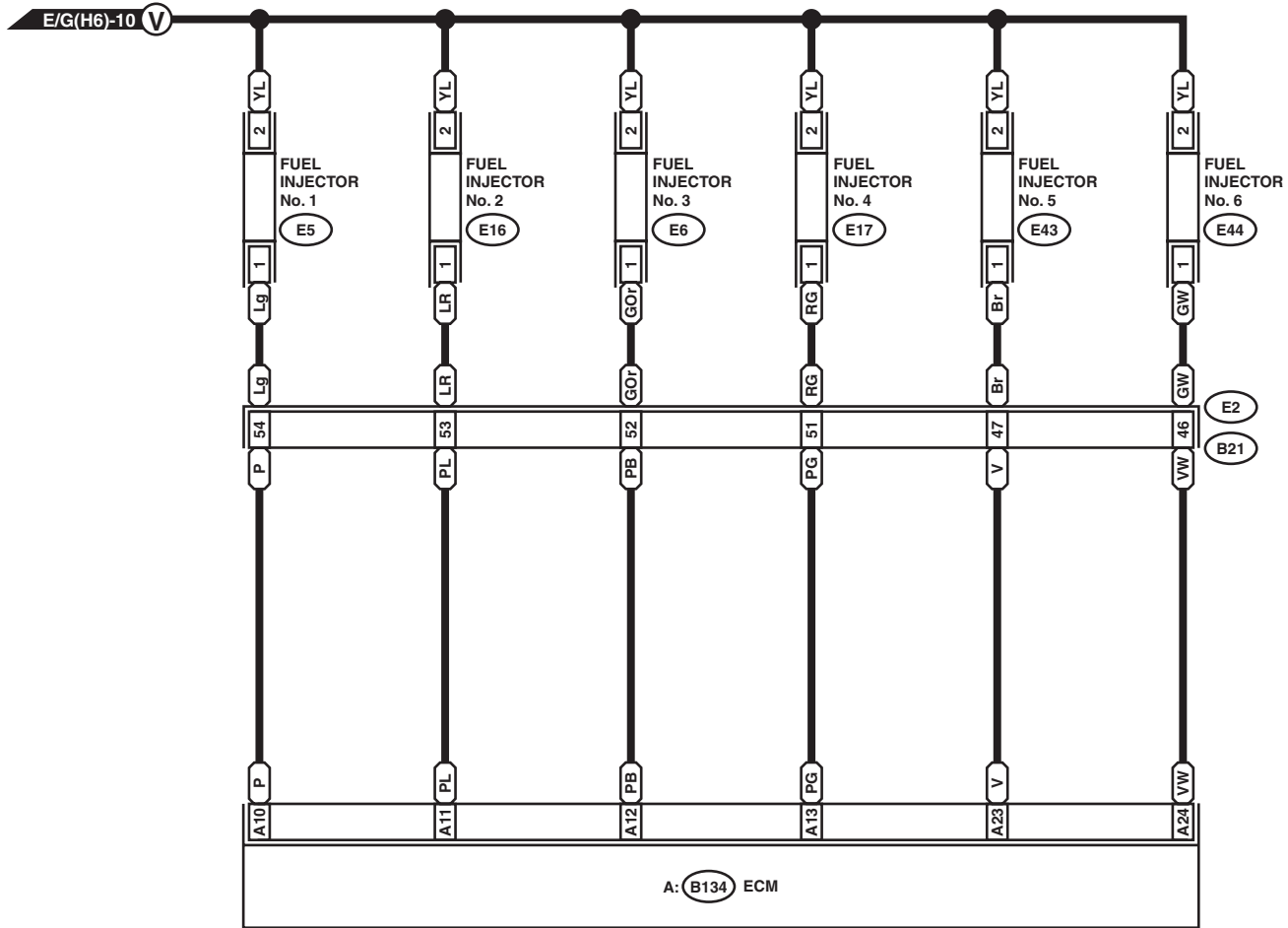
WI-25521

# Engine Electrical System

WIRING SYSTEM

E/G(H6)-12

E/G(H6)-12



- (DARK GRAY) E5    E17 (DARK GRAY)
- (DARK GRAY) E6    E43 (DARK GRAY)
- (DARK GRAY) E16    E44 (DARK GRAY)



A: B134

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	27
28	29	30	31	32				33	34

B21 (BLACK)

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	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47					
48	49	50	51	52	53	54				

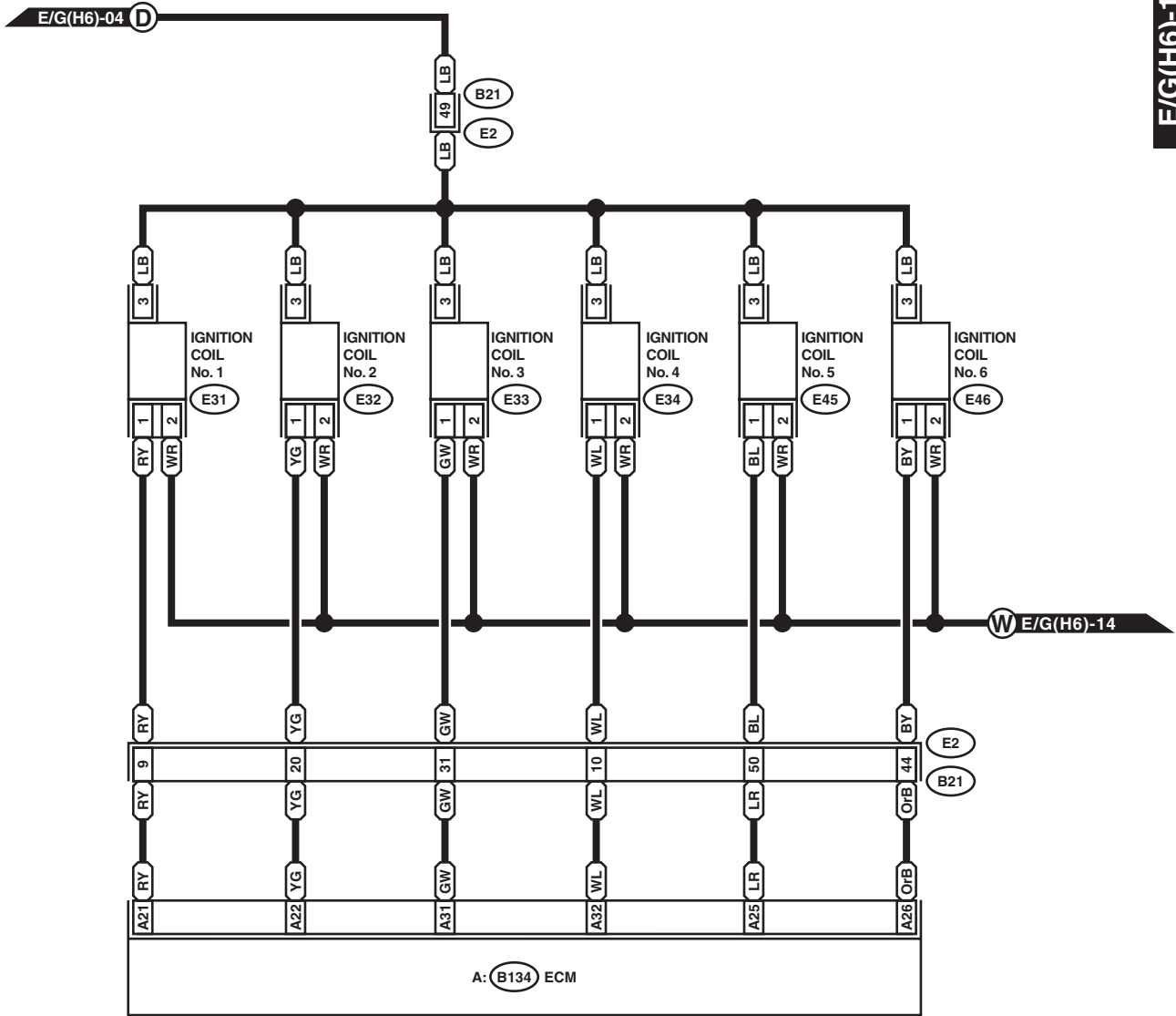
WI-25522

# Engine Electrical System

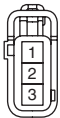
WIRING SYSTEM

E/G(H6)-13

E/G(H6)-13



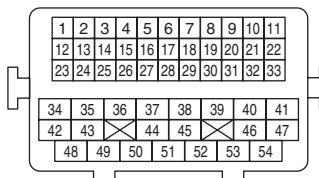
- (GRAY) E31      E34 (GRAY)
- (GRAY) E32      E45 (GRAY)
- (GRAY) E33      E46 (GRAY)



A: B134

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	27	28
29	30	31	32	33	34	

B21 (BLACK)



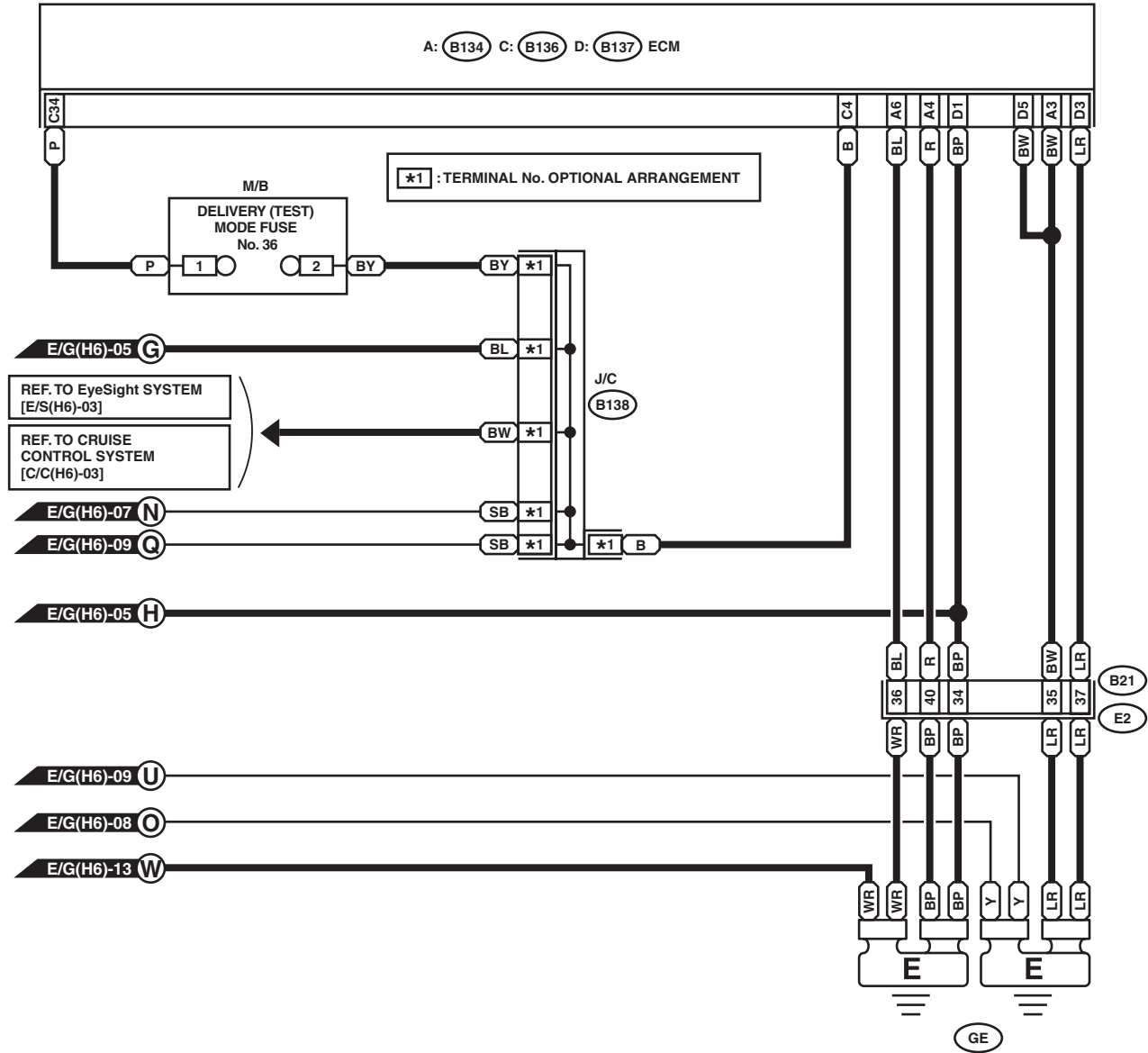
WI-36253

# Engine Electrical System

WIRING SYSTEM

E/G(H6)-14

E/G(H6)-14



**B138**

1	2	3
4	5	6

**D: B137**

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	27
28	29	30	31	32	33	34			

**A: B134**

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	27
28	29	30	31	32	33	34			

**C: B136**

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	27
28	29	30	31	32	33	34	35			

**B21 (BLACK)**

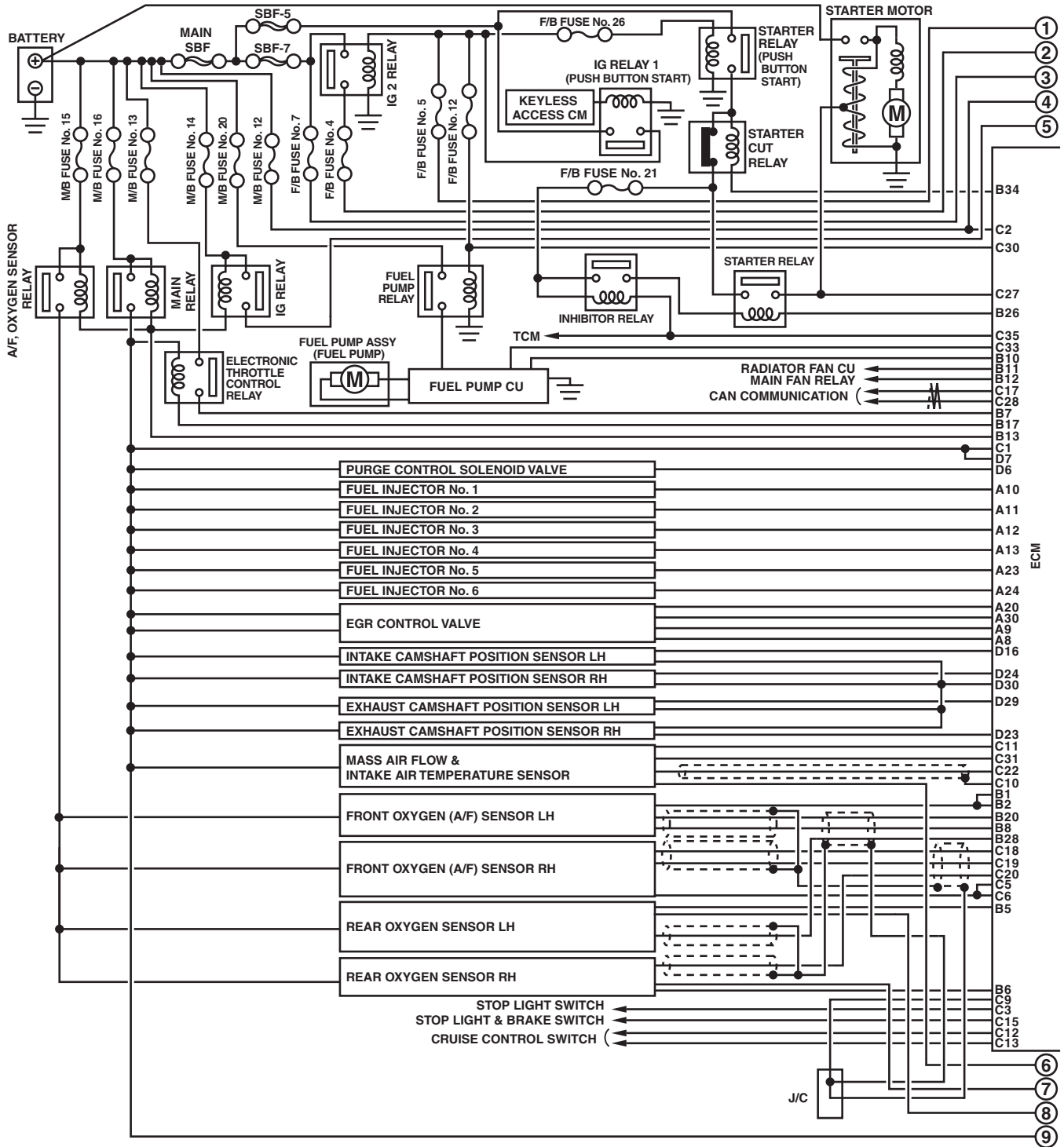
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47					
48	49	50	51	52	53	54				

WI-36254

# Engine Electrical System

## WIRING SYSTEM

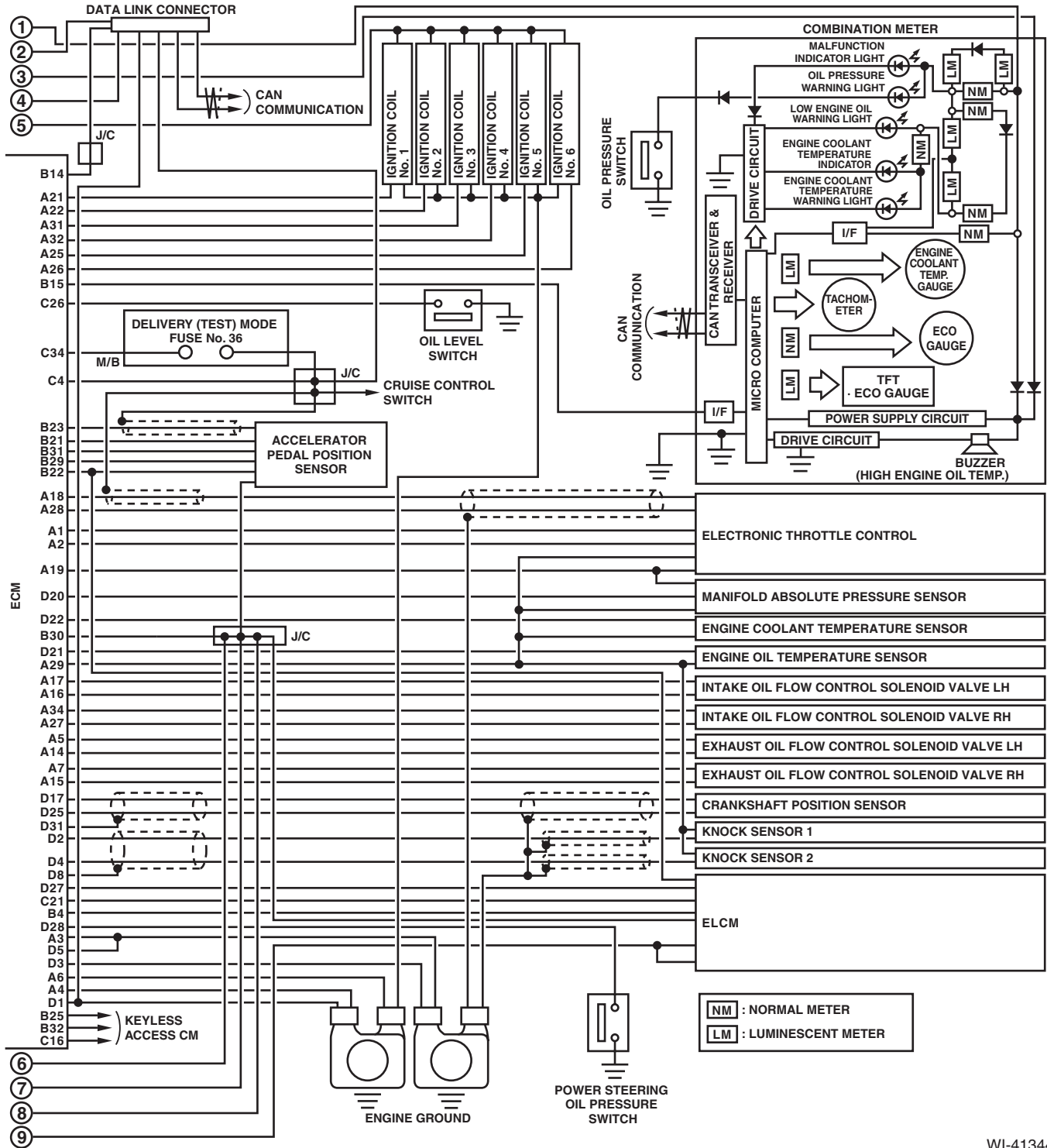
### 4. 3.6 L MODEL (WITH PUSH BUTTON START)



WI-36255

# Engine Electrical System

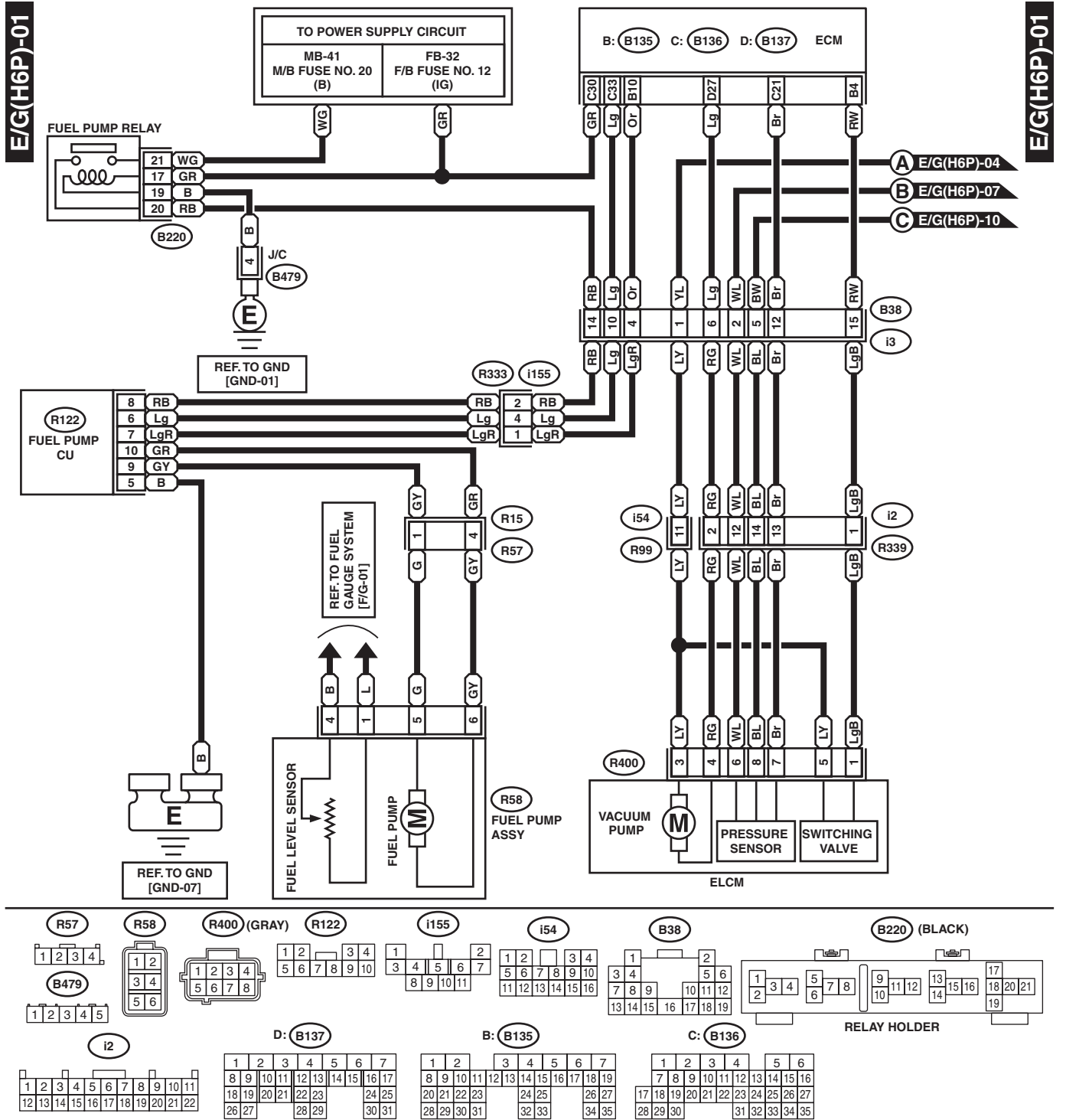
WIRING SYSTEM



WI-41344

# Engine Electrical System

## WIRING SYSTEM



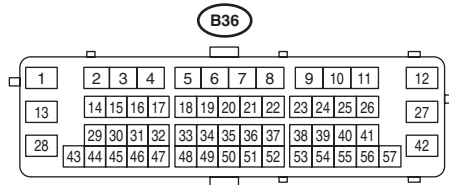
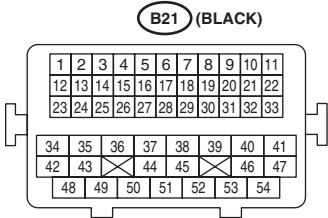
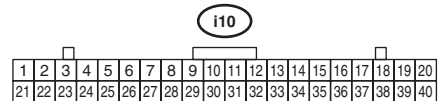
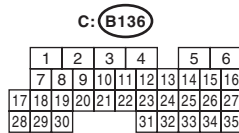
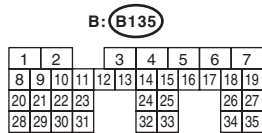
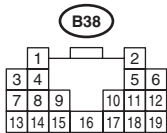
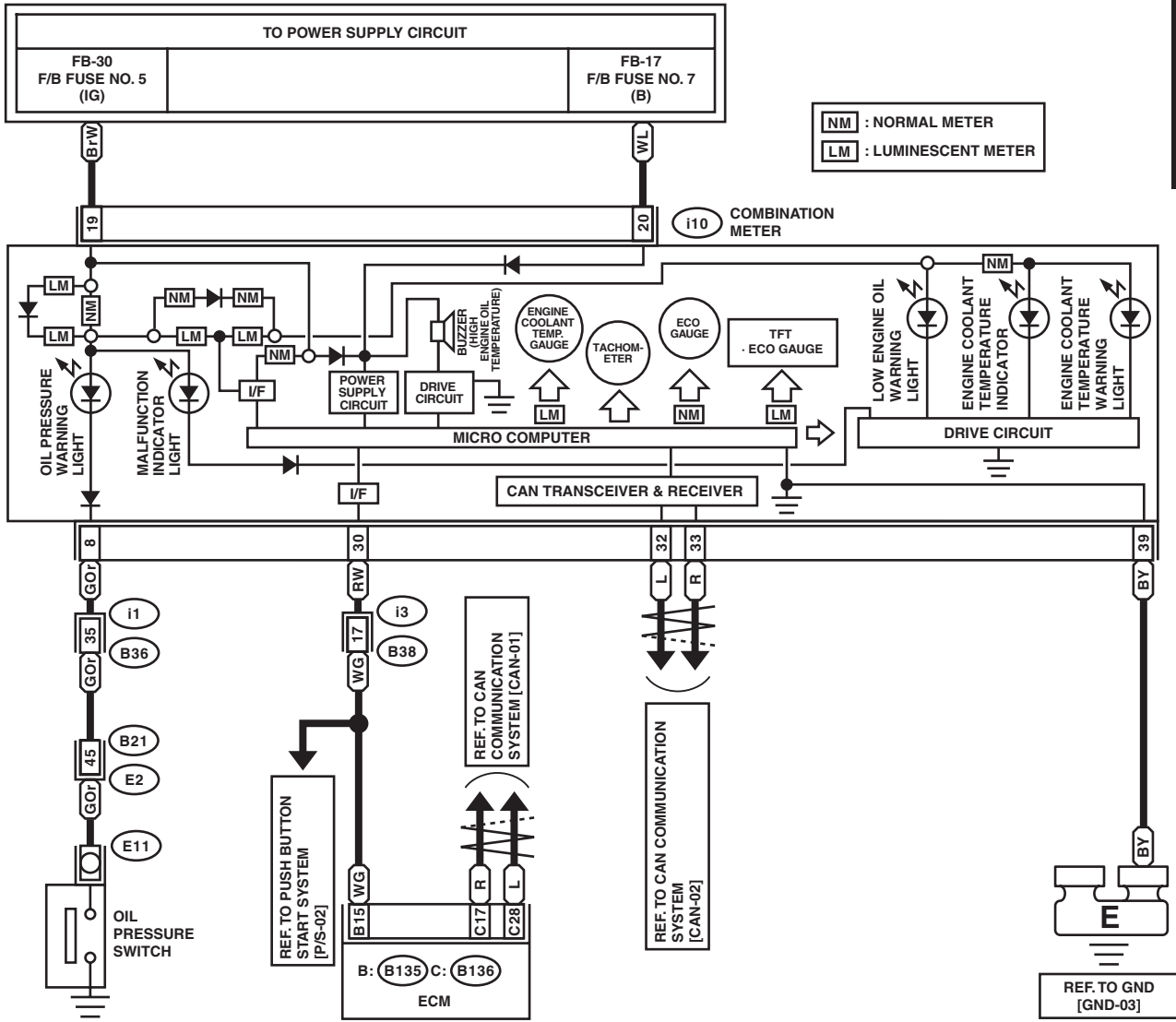
WI-41345

# Engine Electrical System

WIRING SYSTEM

E/G(H6P)-02

E/G(H6P)-02



WI-36258

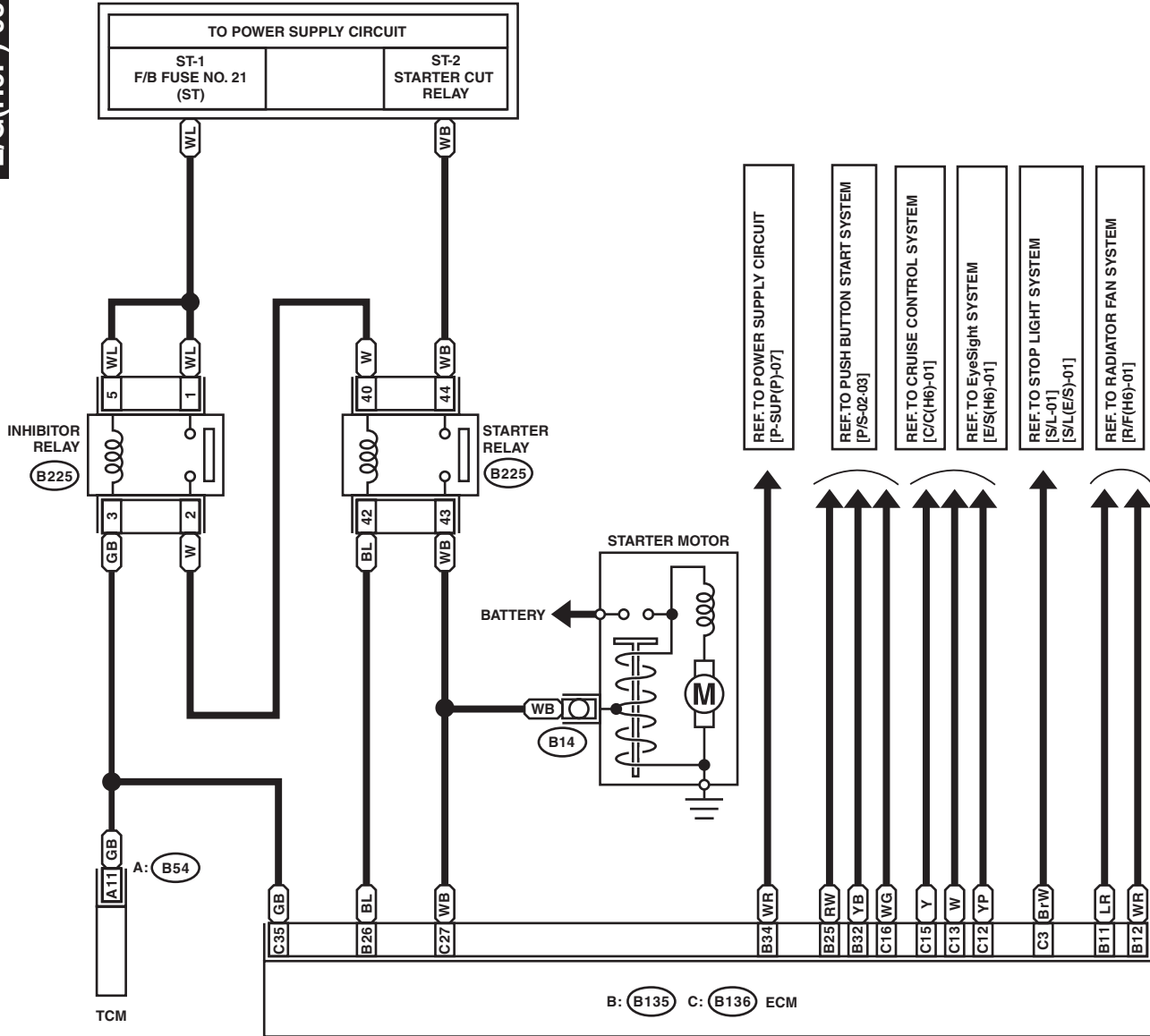


# Engine Electrical System

WIRING SYSTEM

E/G(H6P)-03

E/G(H6P)-03



A: B54

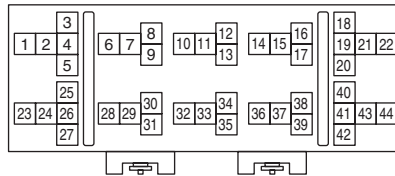
B: B135

C: B136

B225

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	27	28
29	30	31	32	33	34	35

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	27	28	29	30
31	32	33	34	35	



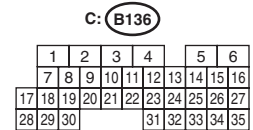
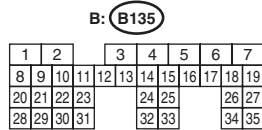
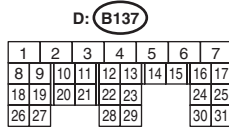
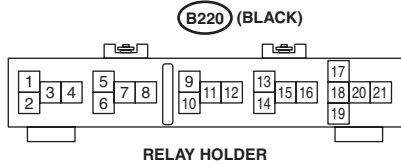
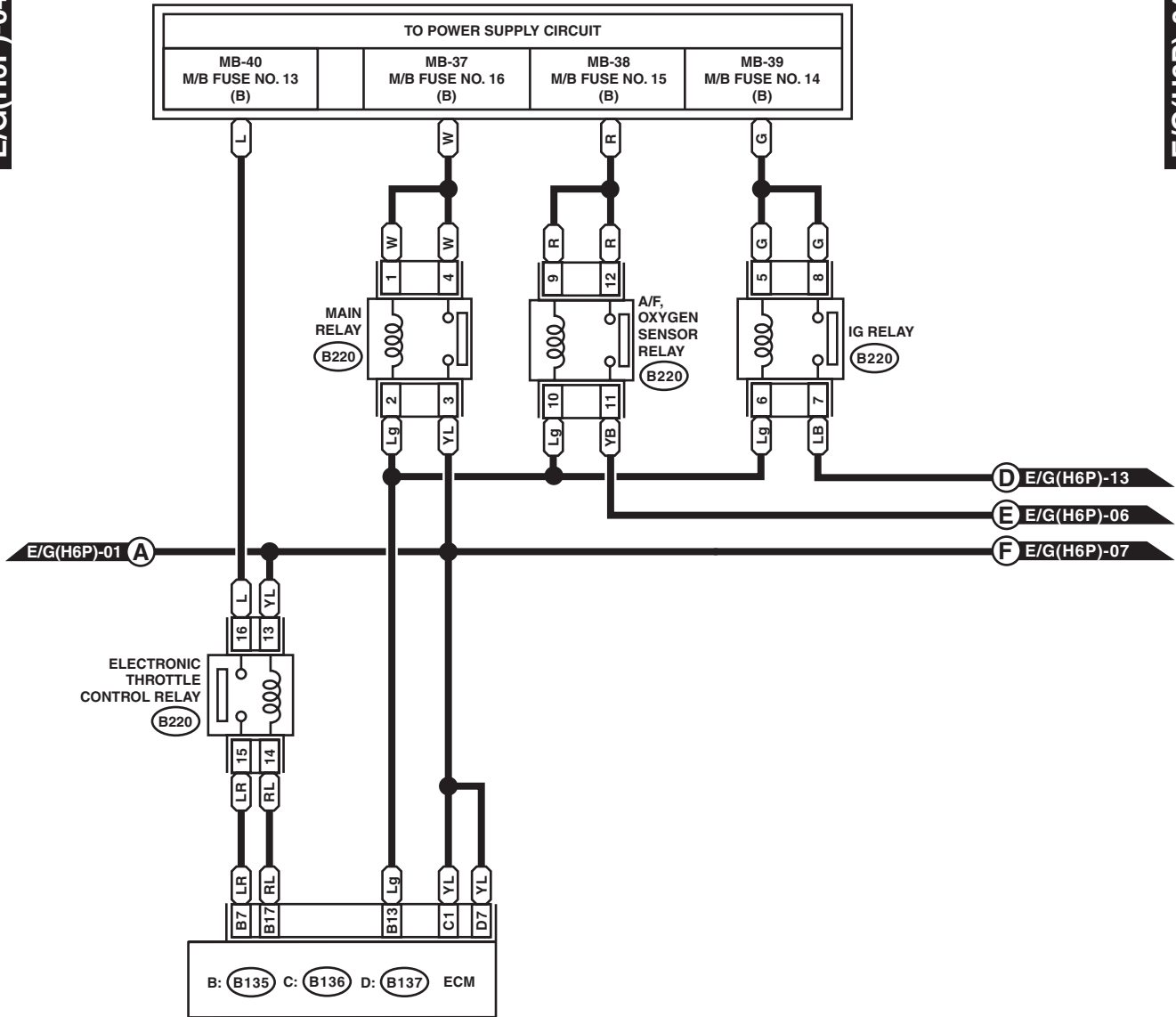
WI-36259

# Engine Electrical System

WIRING SYSTEM

E/G(H6P)-04

E/G(H6P)-04



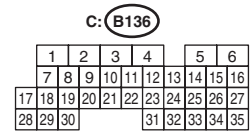
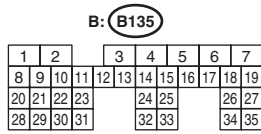
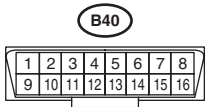
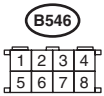
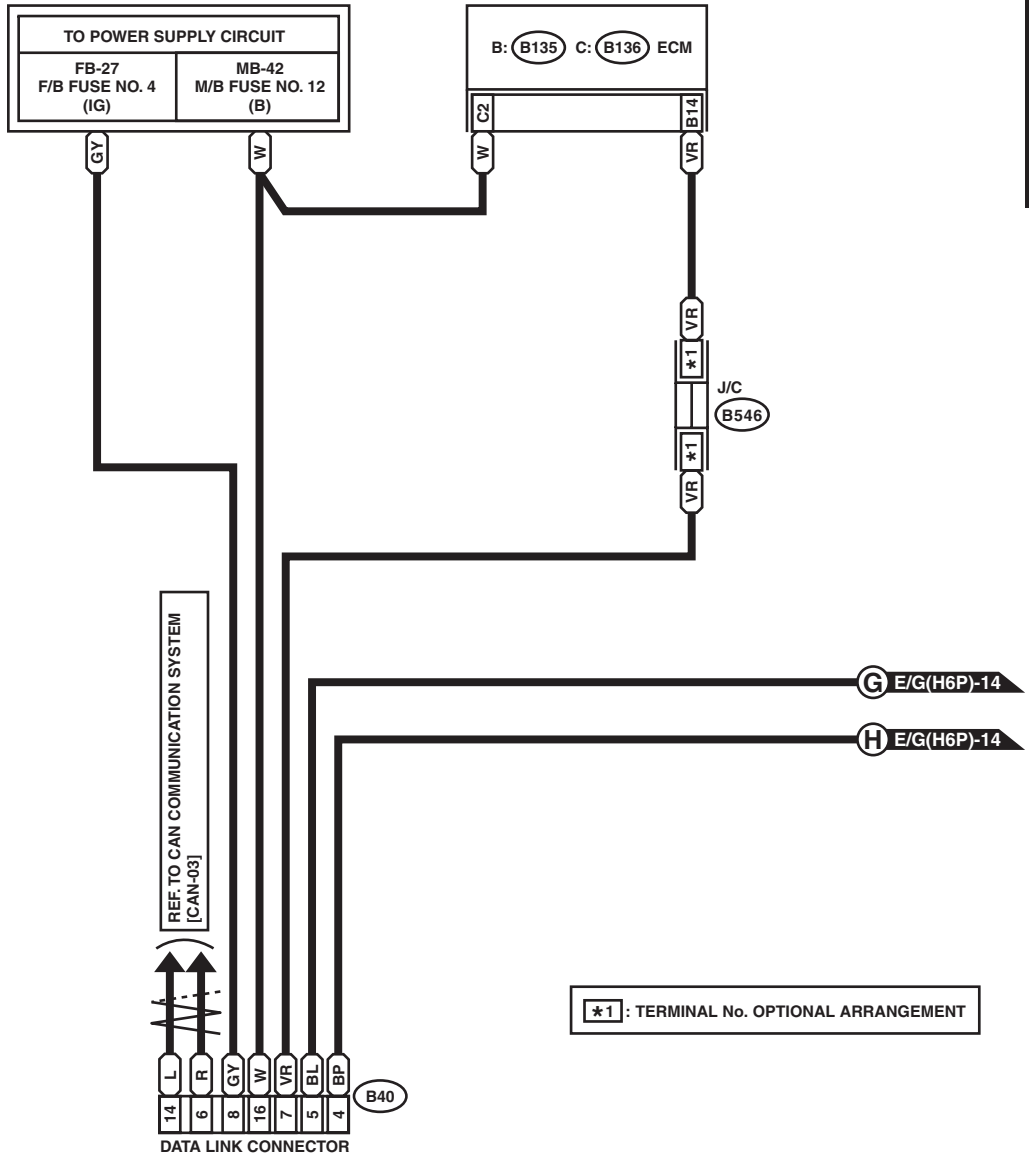
WI-36260

# Engine Electrical System

WIRING SYSTEM

E/G(H6P)-05

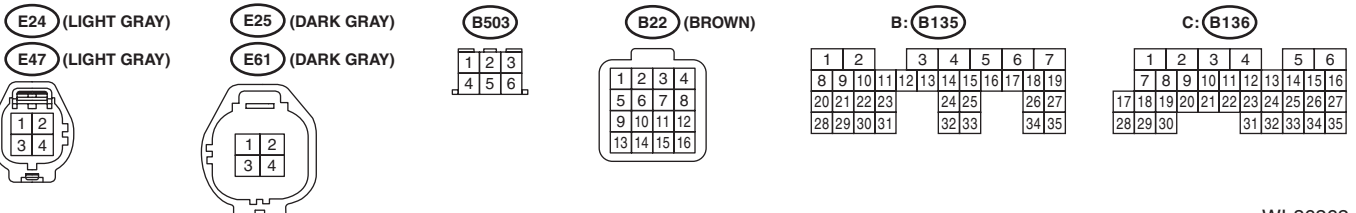
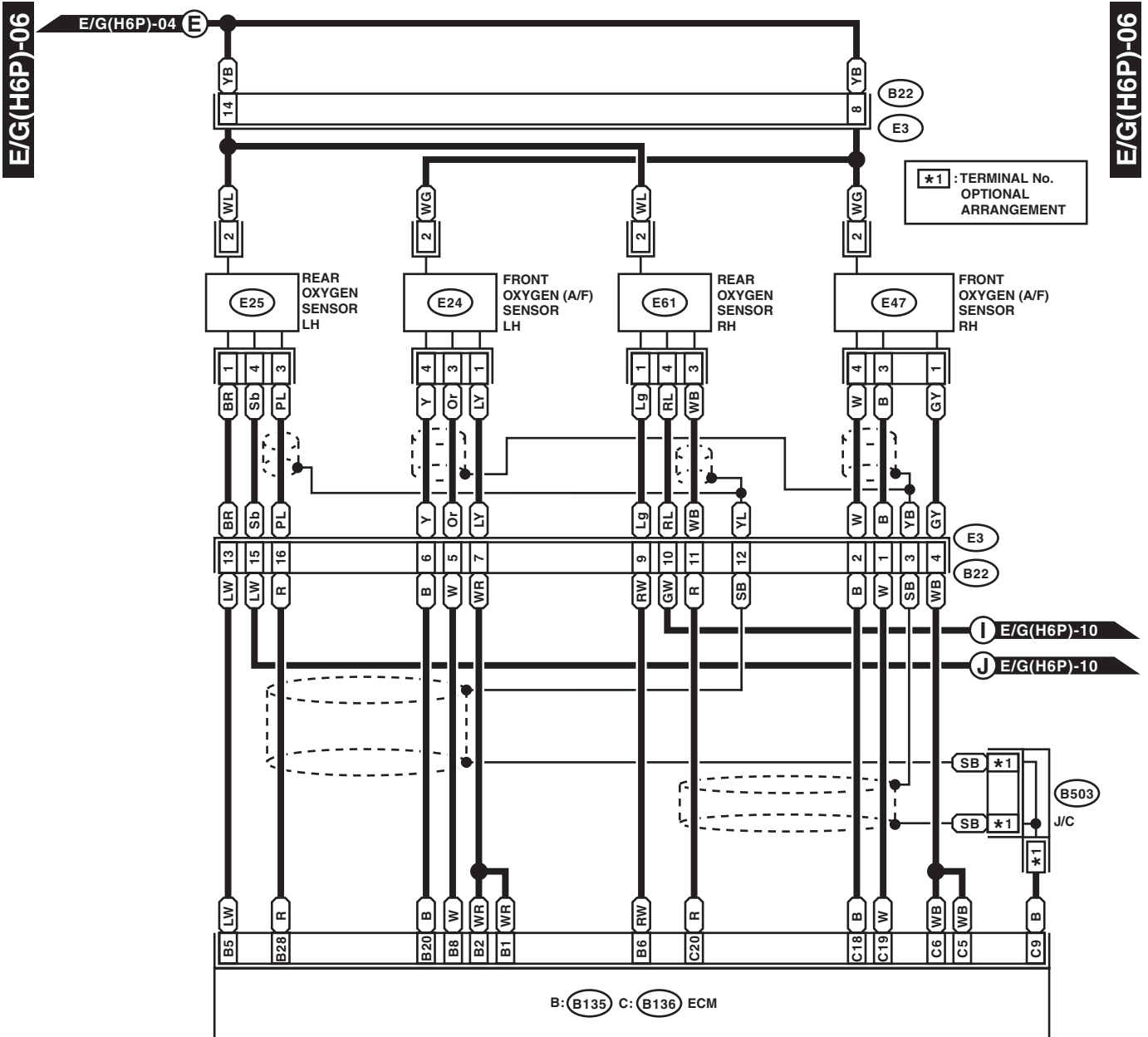
E/G(H6P)-05



WI-36261

# Engine Electrical System

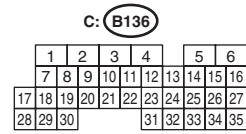
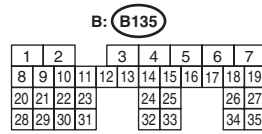
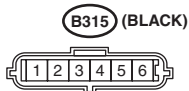
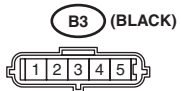
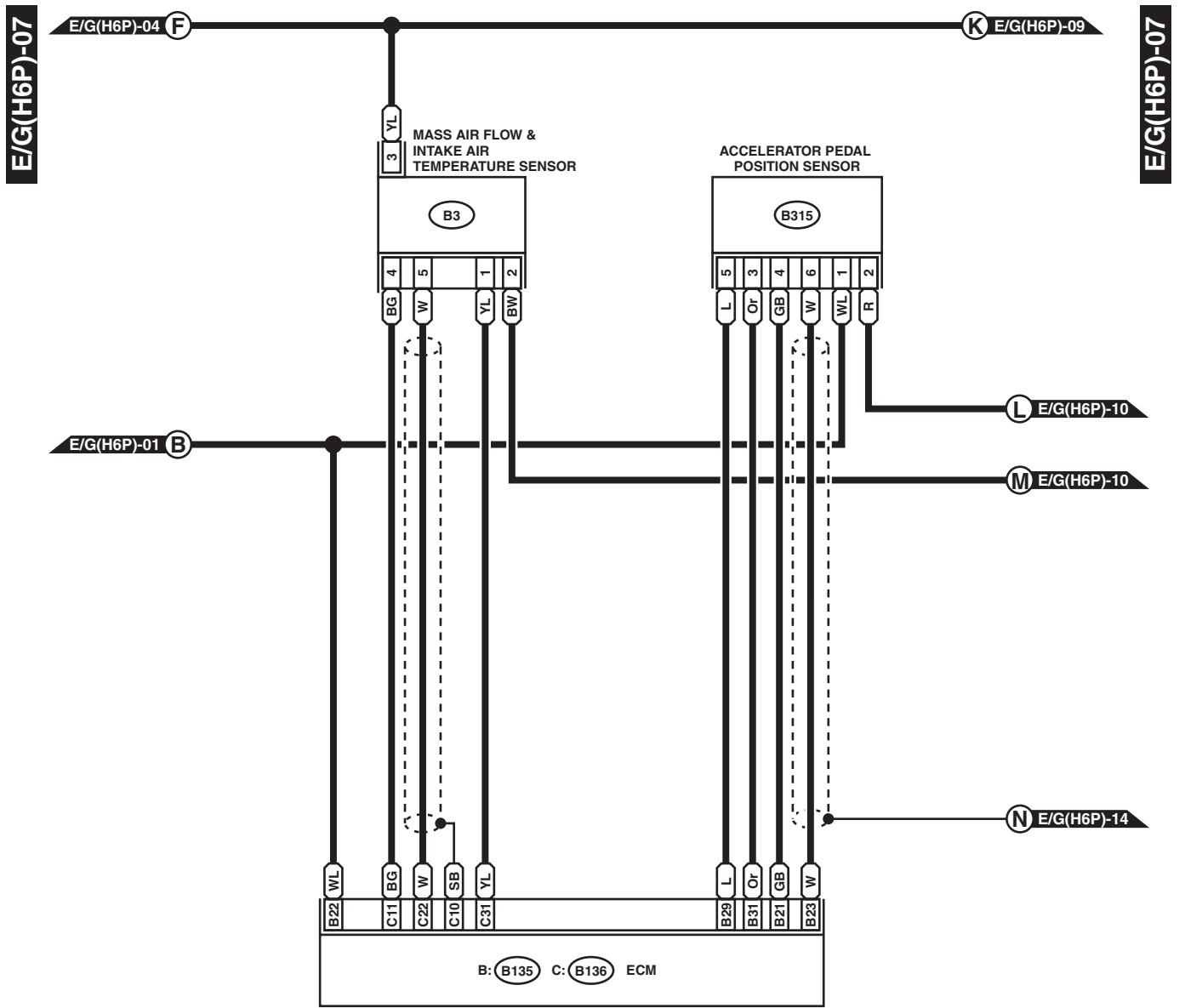
WIRING SYSTEM



WI-36262

# Engine Electrical System

## WIRING SYSTEM



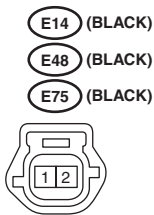
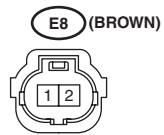
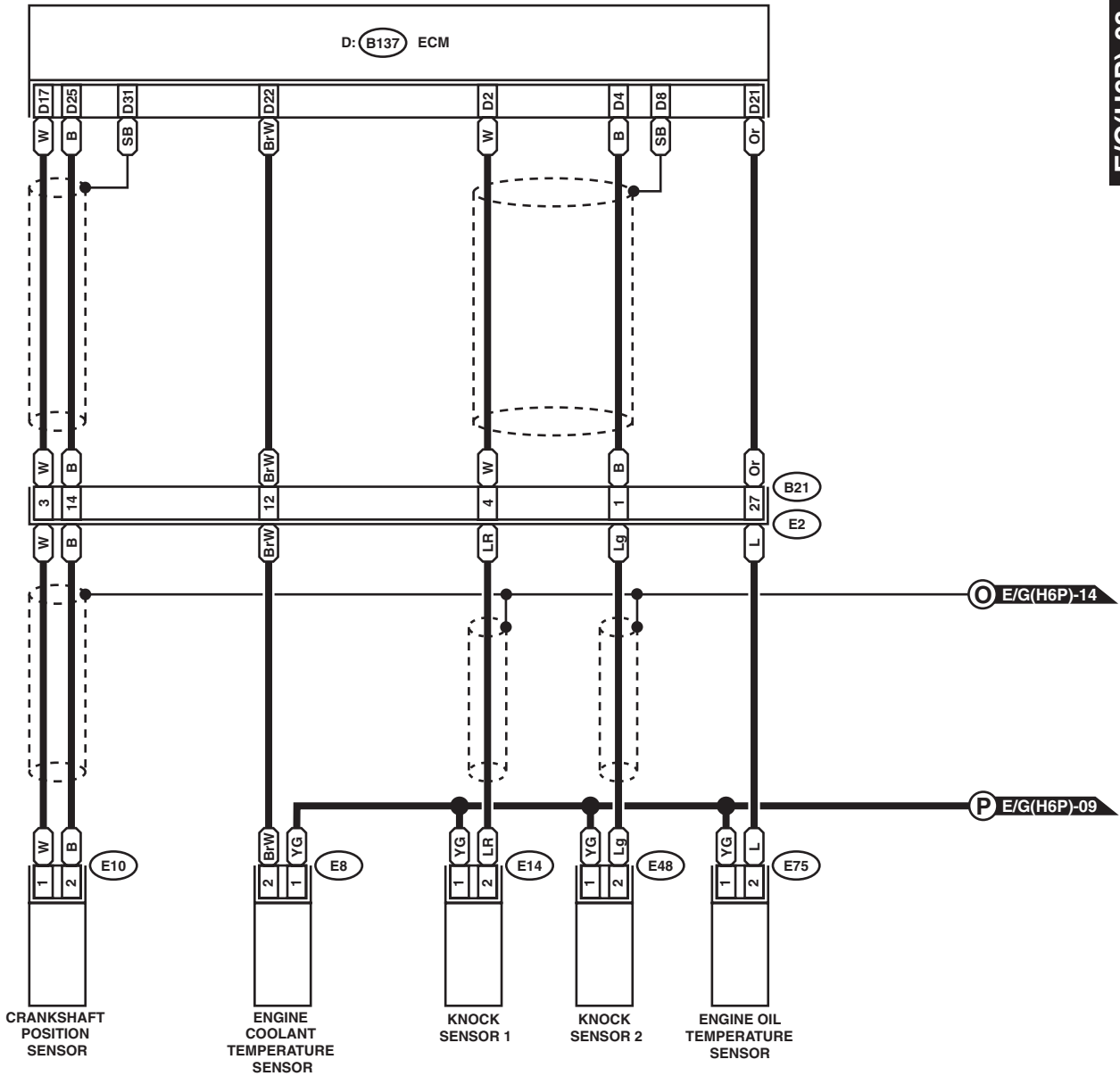
WI-36263

# Engine Electrical System

WIRING SYSTEM

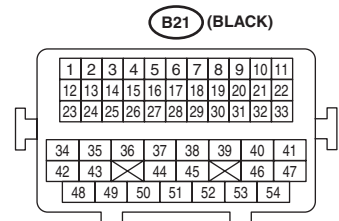
E/G(H6P)-08

E/G(H6P)-08



D: B137

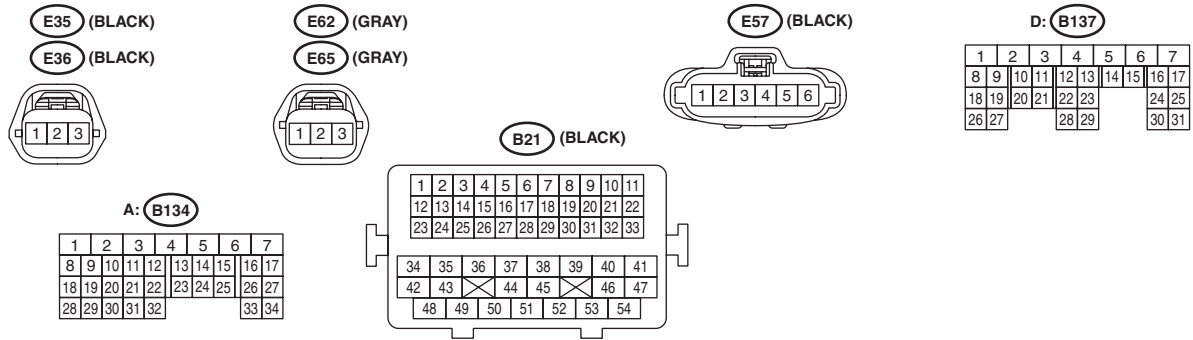
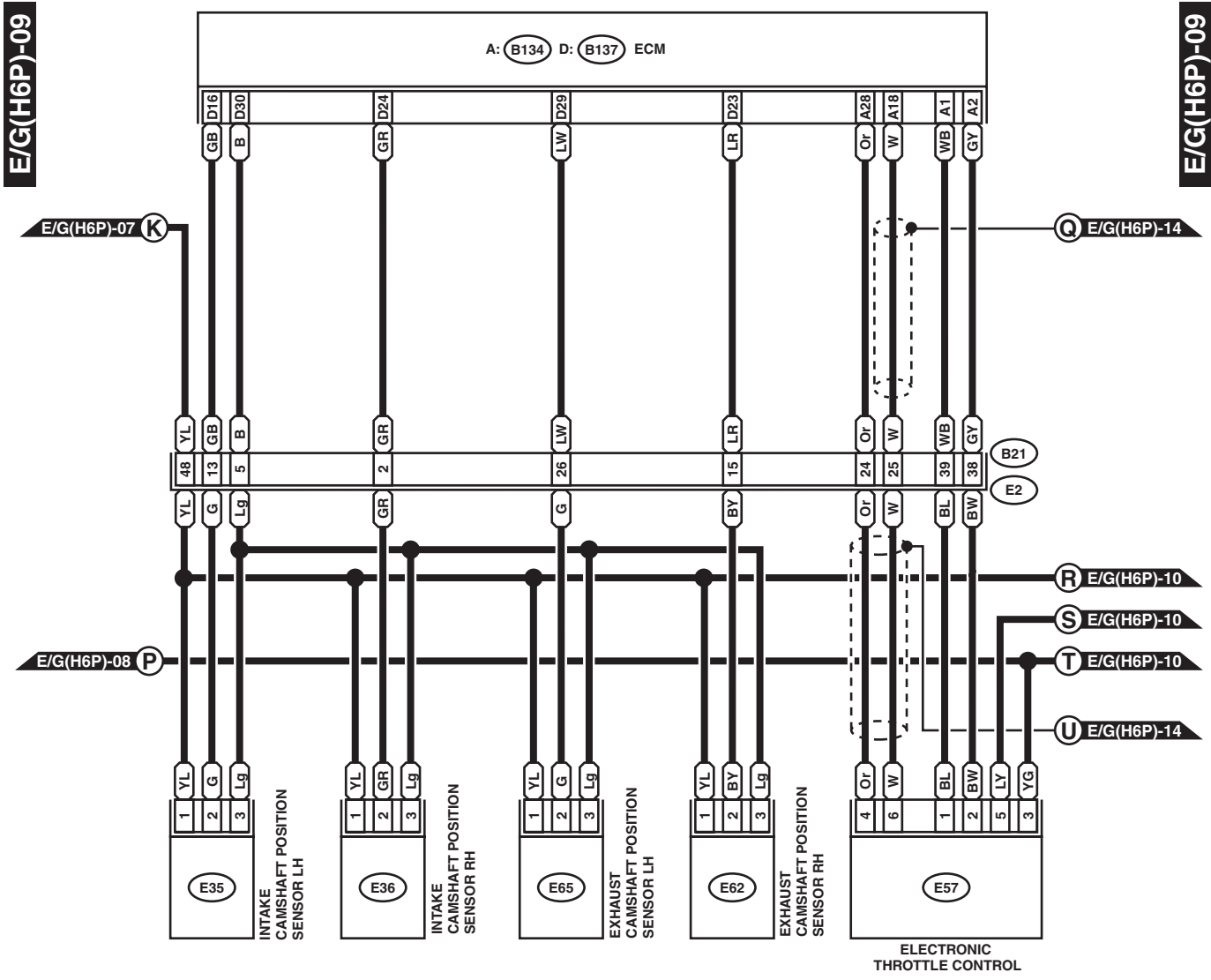
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



WI-36264

# Engine Electrical System

WIRING SYSTEM



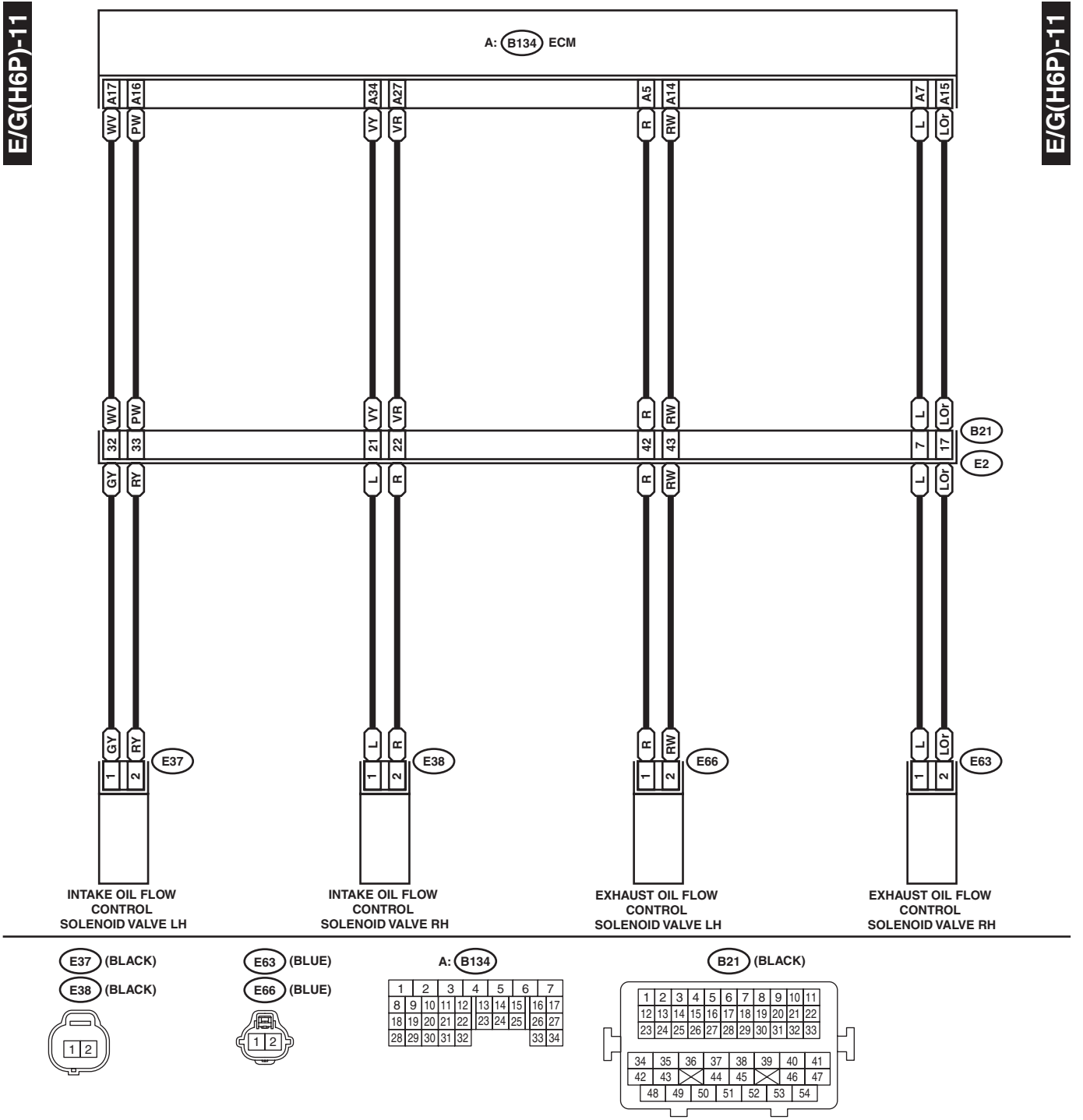
WI-36265





# Engine Electrical System

WIRING SYSTEM



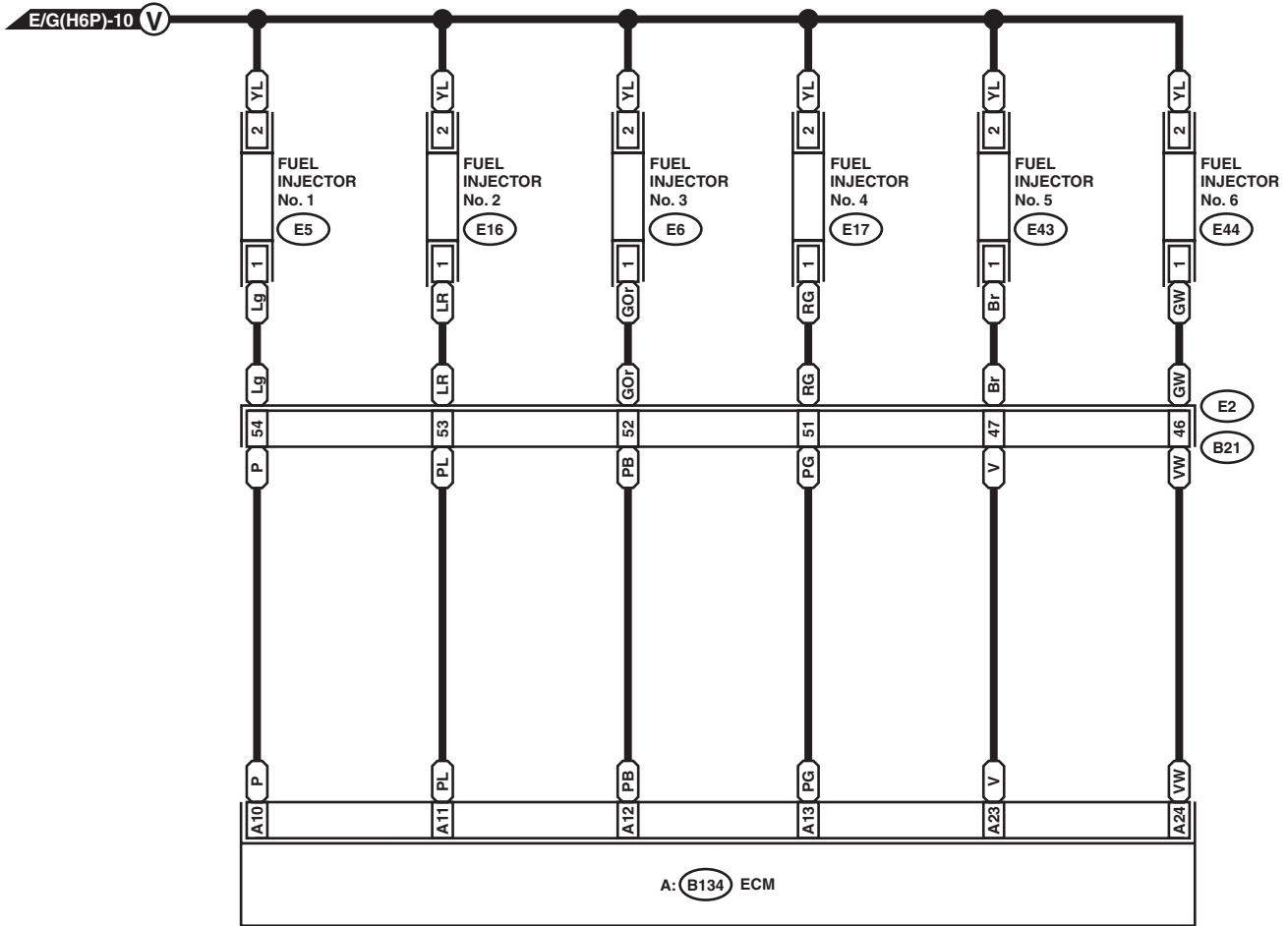
WI-36267

# Engine Electrical System

WIRING SYSTEM

E/G(H6P)-12

E/G(H6P)-12



- (DARK GRAY) E5 (DARK GRAY) E17
- (DARK GRAY) E6 (DARK GRAY) E43
- (DARK GRAY) E16 (DARK GRAY) E44



A: B134

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	27
28	29	30	31	32				33	34

B21 (BLACK)

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	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47					
48	49	50	51	52	53	54				

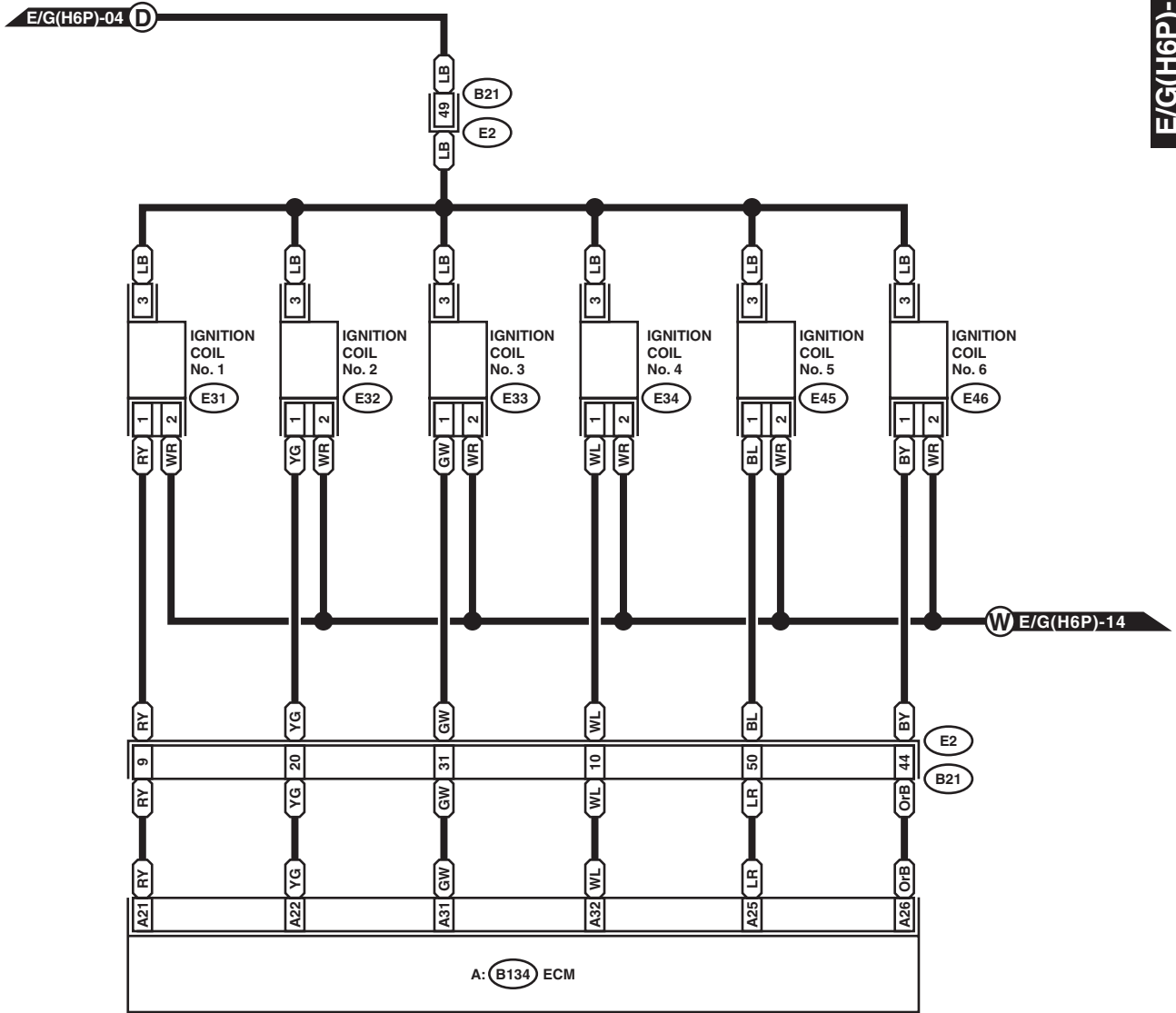
WI-36268

# Engine Electrical System

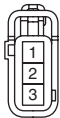
WIRING SYSTEM

E/G(H6P)-13

E/G(H6P)-13



- (GRAY) E31 (GRAY) E34 (GRAY)
- (GRAY) E32 (GRAY) E45 (GRAY)
- (GRAY) E33 (GRAY) E46 (GRAY)



A: B134

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	27	28
29	30	31	32	33	34	

B21 (BLACK)

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	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41			
42	43	44	45	46	47					
48	49	50	51	52	53	54				

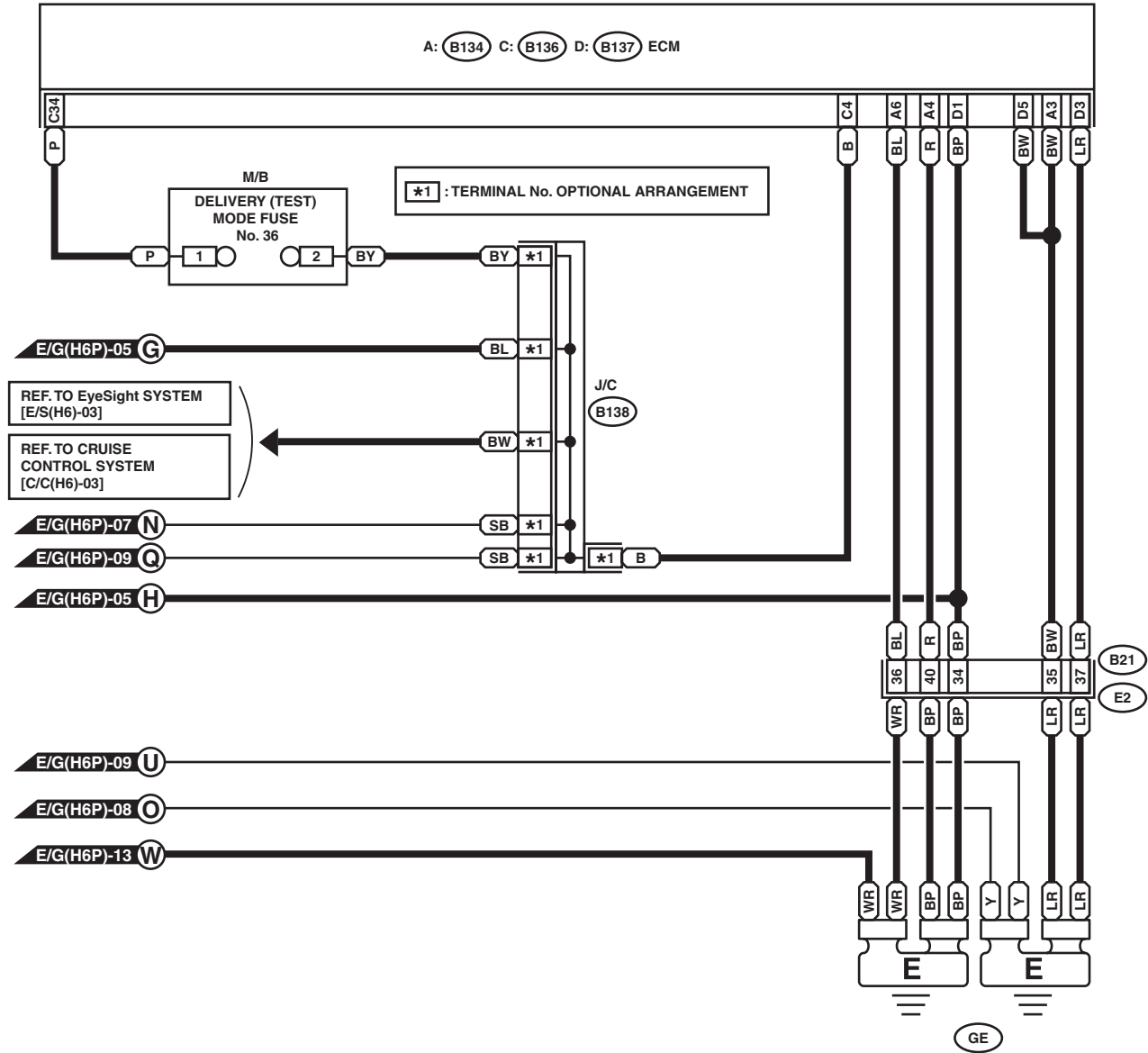
WI-36269

# Engine Electrical System

WIRING SYSTEM

E/G(H6P)-14

E/G(H6P)-14



(B138)

1	2	3
4	5	6

D: (B137)

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	27	28
29	30	31	32	33	34	35

A: (B134)

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	27	28
29	30	31	32	33	34	35

C: (B136)

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	27	28	29	30
31	32	33	34	35	36

(B21) (BLACK)

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	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44
45	46	47	48	49	50	51	52	53	54	55

WI-36270