
CIRCUIT DIAGRAMS

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AUTOMATIC AIR CONDITIONER

Petrol-powered vehicles	2
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DEFOGGER AND DOOR MIRROR HEATER

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MULTI CENTER DISPLAY

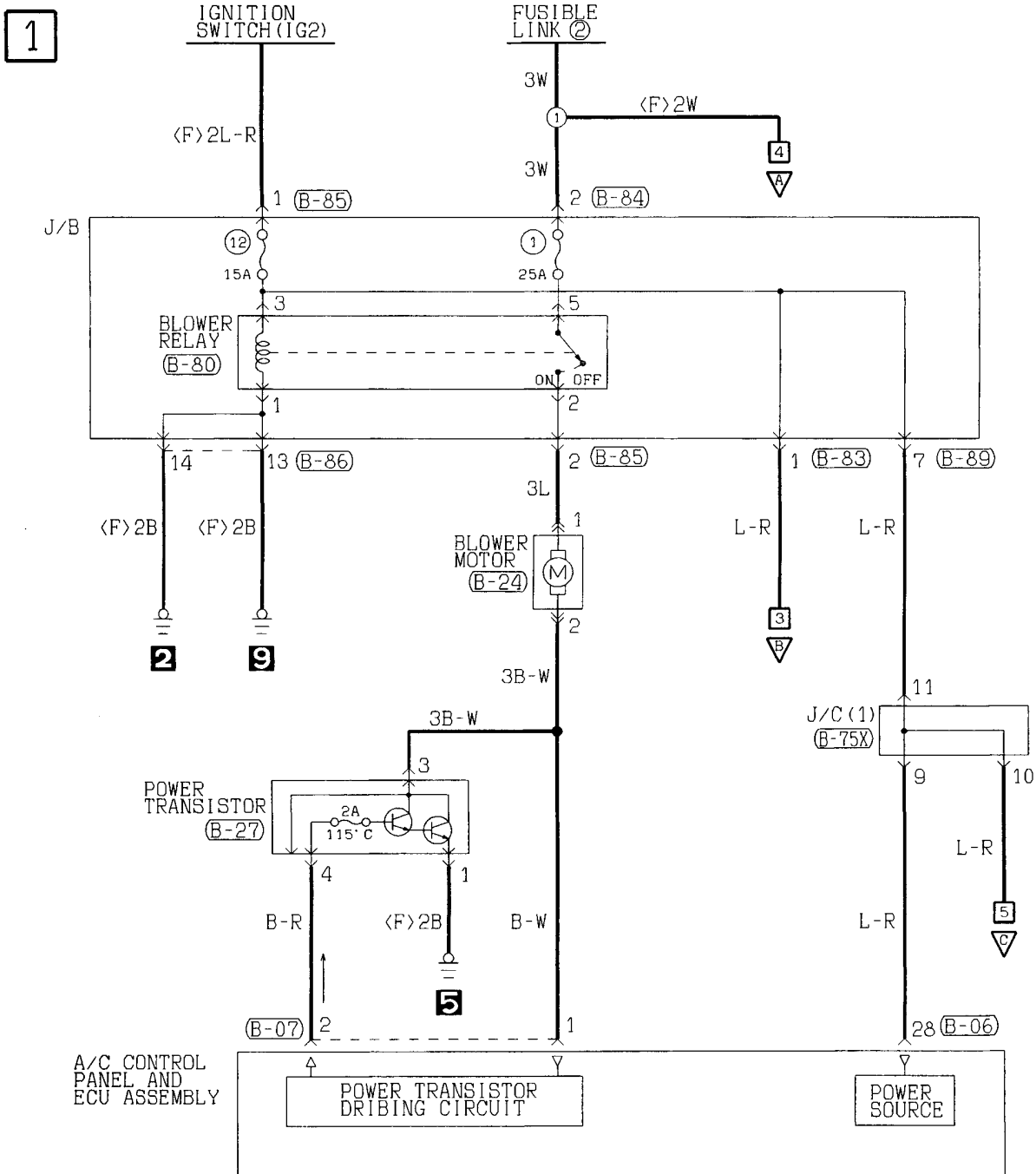
Petrol-powered vehicles	22
Diesel-powered vehicles <F9Q>	28

SUNROOF

34

AUTOMATIC AIR CONDITIONER

Petrol-powered vehicles



A-22 (MU802355)

1	2	3	4	5	6
7	8	9	10		

A-69 (MU802645)

1	2	3	4	5
6	7	8	9	10

A-80 (IG2)

1	2
---	---

B-06 (MU801584)

21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

B-07 (MU801585)

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

B-16 (MU801457)

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

B-19 (MU803773)

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

B-85

1	2	3
---	---	---

B-86

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

B-89 (MU801461)

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

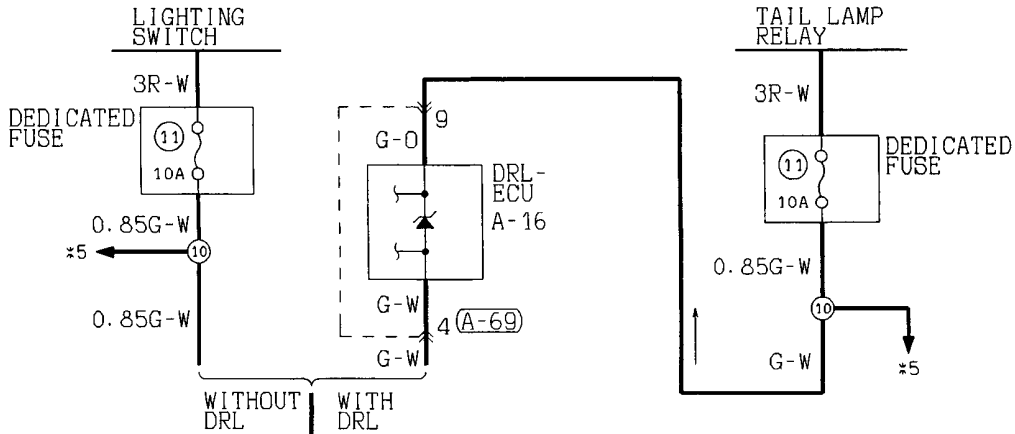
B-102 (MU803782)

71	72	73	74	75	76	77					
78	79	80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98			

B-103 (MU803781)

41	42	43	44	45	46						
47	48	49	50	51	52	53	54	55	56	57	
58	59	60	61	62	63	64	65	66			

2



NOTE

- : L. H. DRIVE VEHICLES
- △: R. H. DRIVE VEHICLES
- *1: 4G1-M/T
- *2: 4G92-M/T
- *3: 4G93-M/T
- *4: A/T
- *5: ELC 4-SPEED AUTOMATIC TRANSMISSION
- FRONT FOG LAMP
- GDI SYSTEM
- GLOVE BOX LAMP
- HEATED SEAT
- METER AND GAUGE
- RADIO AND TAPE PLAYER OR CD PLAYER
- REAR FOG LAMP
- REMOTE CONTROLLED MIRROR
- RHEOSTAT
- TAIL LAMP
- POSITION LAMP
- LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

MULTI CENTER DISPLAY

WITHOUT DRL WITH DRL

11 3 (B-50)

□ G-W △ (G-W)

□ G-W △ (G-W)

A/C CONTROL PANEL AND ECU ASSEMBLY (B-06)



30 32 34 35 (B-16)

P-G 24 *2 (B-19) *2
65 *3 (B-115) *3
61 *4 (B-103) *4

ENGINE-ECU *1, *2, *3 OR ENGINE-A/T-ECU *4

(EXCEPT FOR 4G1)

LOW PRESSURE SWITCH
ON → OFF : 196 kPa
OFF → ON : 221 kPa
HIGH PRESSURE SWITCH
ON → OFF : 2942 kPa
OFF → ON : 2354 kPa

DUAL PRESSURE SWITCH (A-80)

1 2 3 4 (A-22)

45 *1, *2 (B-139) *1
(B-20) *2
83 *3, *4 (B-116) *3
(B-102) *4

(B-20) (MU803771)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

(B-24)

1	2
---	---

(B-27)

1	2
3	4

(B-50) MU801461

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

(B-75X)

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

(B-80)

1	2	3
4	5	

(B-83) MU801457

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

(B-84)

1	2
---	---

(B-115) (MU803782)

41	42	43	44	45	46	47					
48	49	50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68			

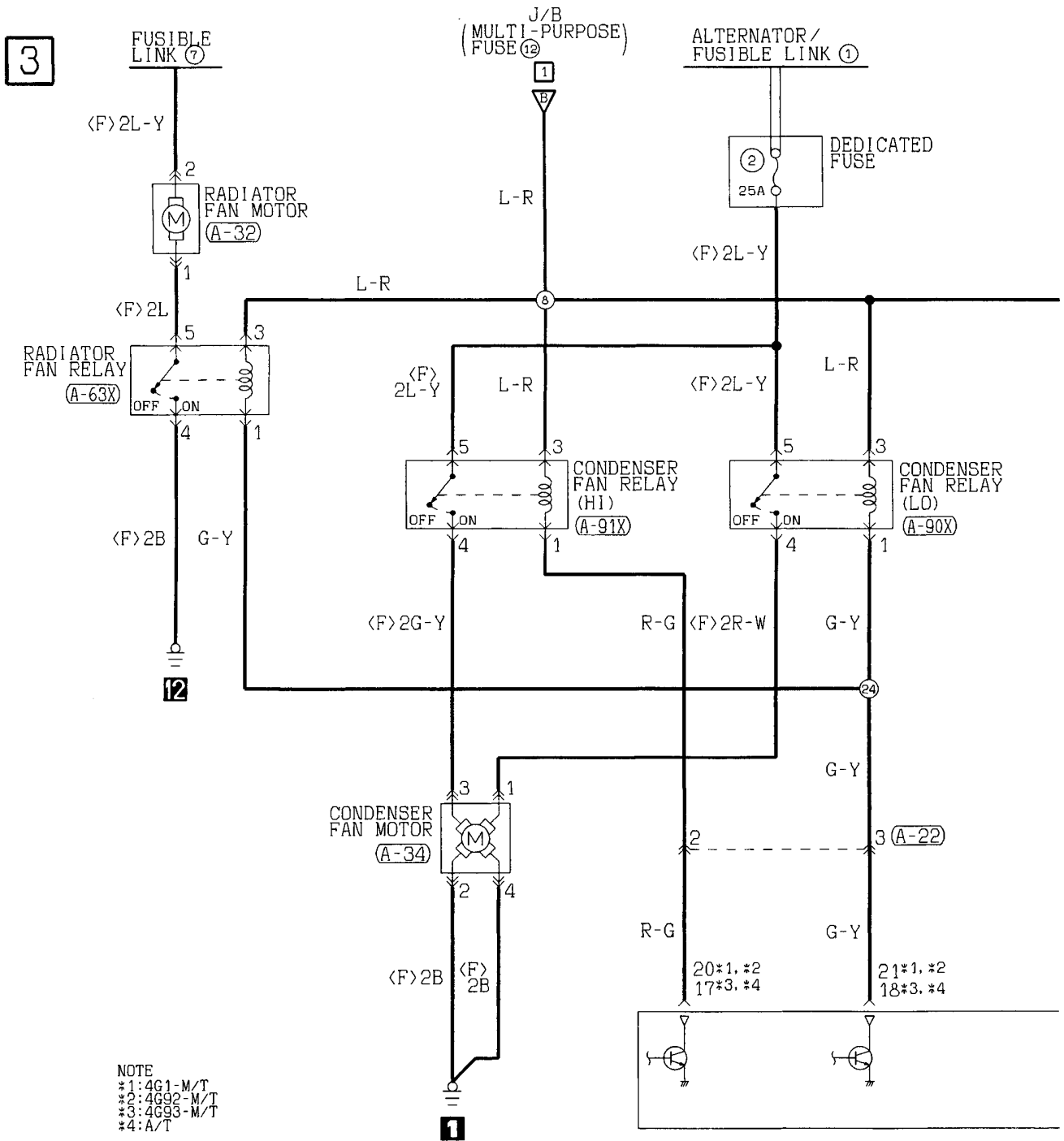
(B-116) (MU803783)

71	72	73	74	75	76	77						
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91	92	93	94	95	96	97	98	99	100			

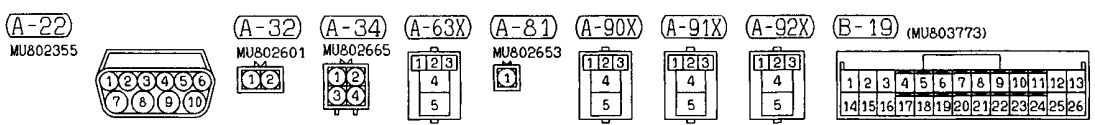
(B-139) (MU801822)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

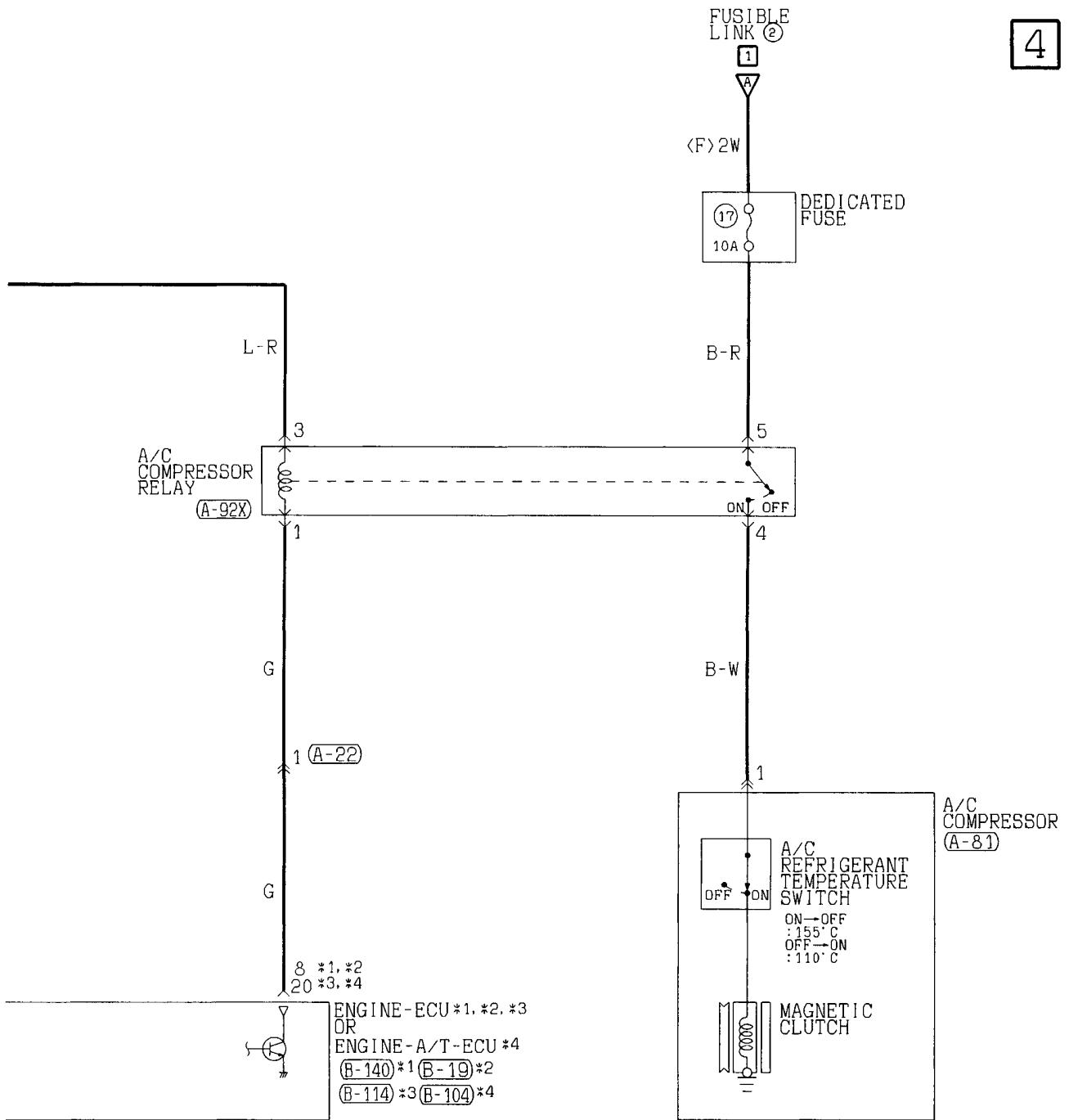
AUTOMATIC AIR CONDITIONER <Petrol-powered vehicles> (CONTINUED)



NOTE
 *1: 4G1-M/T
 *2: 4G92-M/T
 *3: 4G93-M/T
 *4: A/T



4



(B-104) (MU803784)

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			

(B-114) (MU803784)

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			

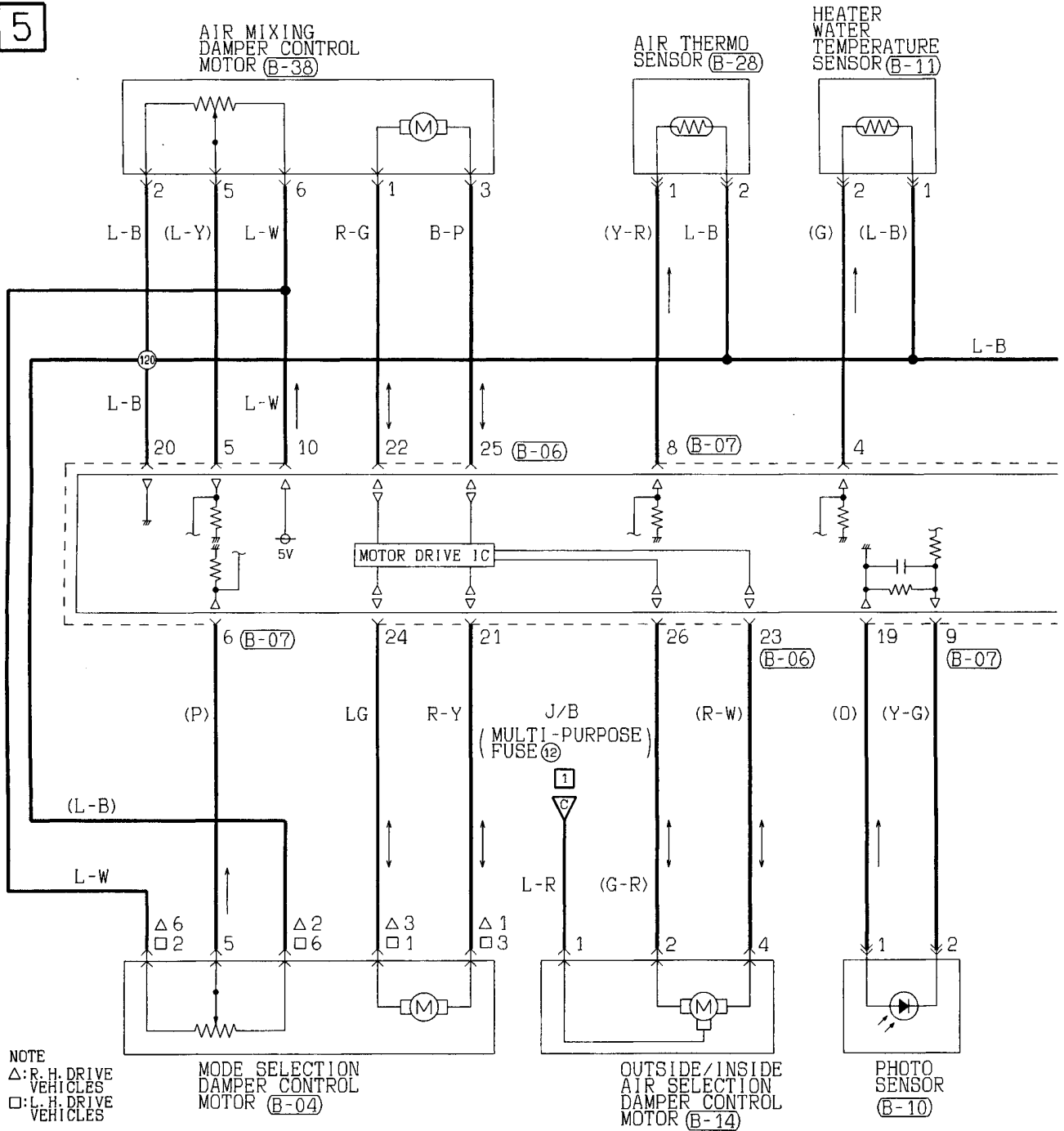
(B-140) (MU801824)

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

Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

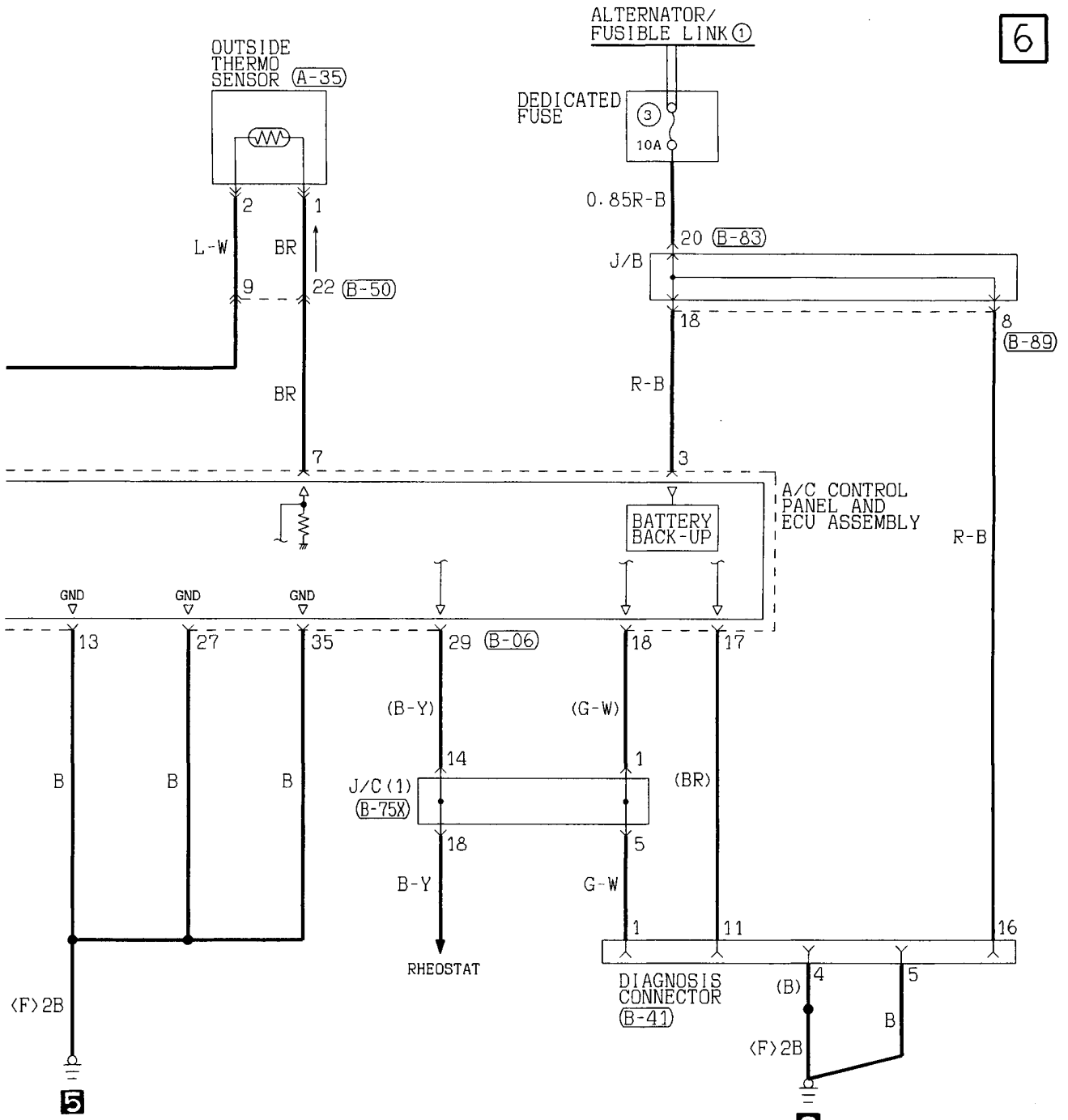
AUTOMATIC AIR CONDITIONER <Petrol-powered vehicles> (CONTINUED)

5



NOTE
 Δ: R. H. DRIVE VEHICLES
 □: L. H. DRIVE VEHICLES

- A-35
- B-04 (MU801447)
- B-06 (MU801584)
- B-07 (MU801585)
- B-10
- B-11 (MU801441)
- B-14
- B-28
- B-38 (MU801447)
- B-41 (FRONT SIDE)

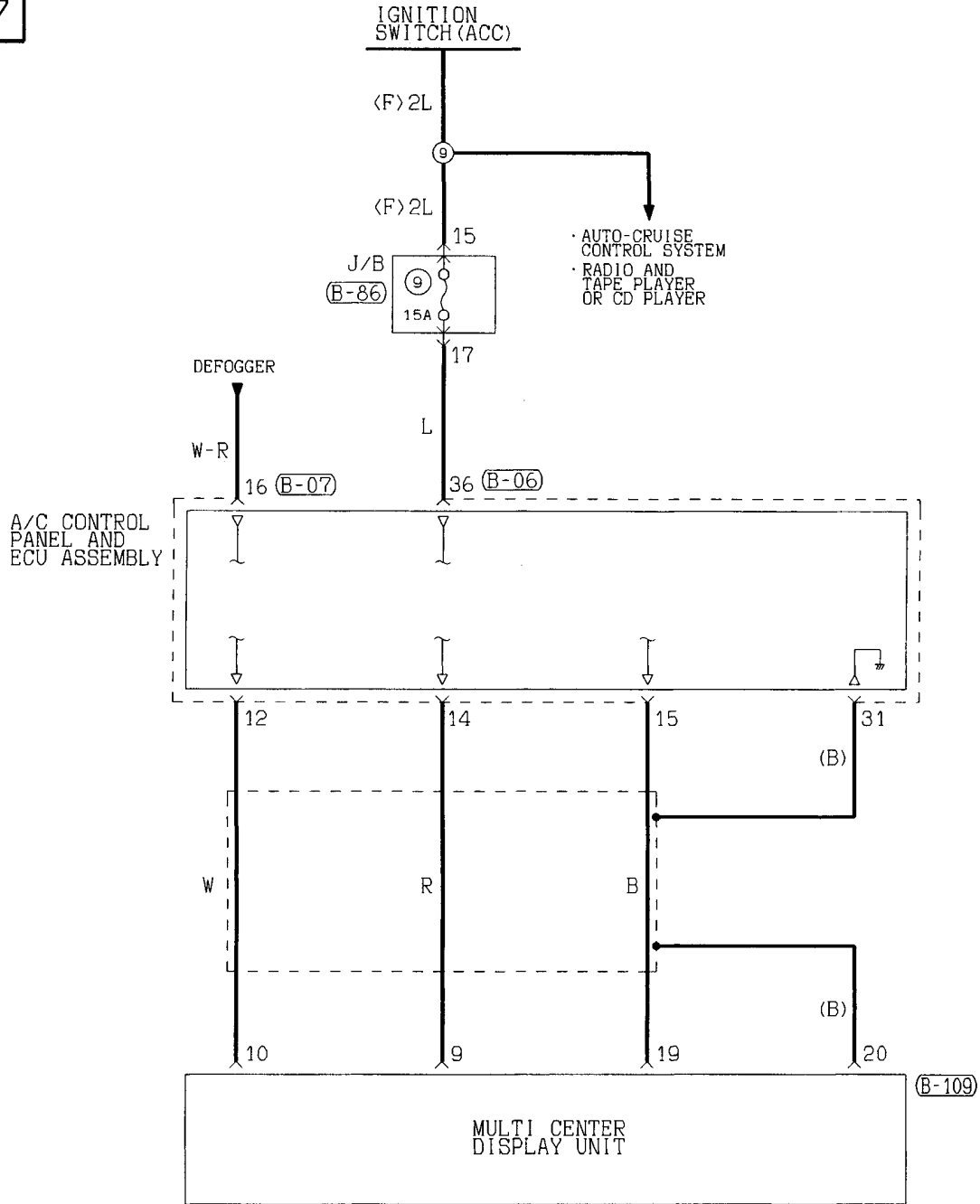


(B-50)	(B-75X)	(B-83)	(B-89)
MU801461		MU801457	MU801461
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

AUTOMATIC AIR CONDITIONER <Petrol-powered vehicles> (CONTINUED)

7



(B-06) (MU801584)

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				

(B-07) (MU801585)

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

(B-86)

1	2	3	4	M	5	6	7	8
9	10	11	12	13	14	15	16	17
18								

(B-109) (MU801585)

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

Wire colour code

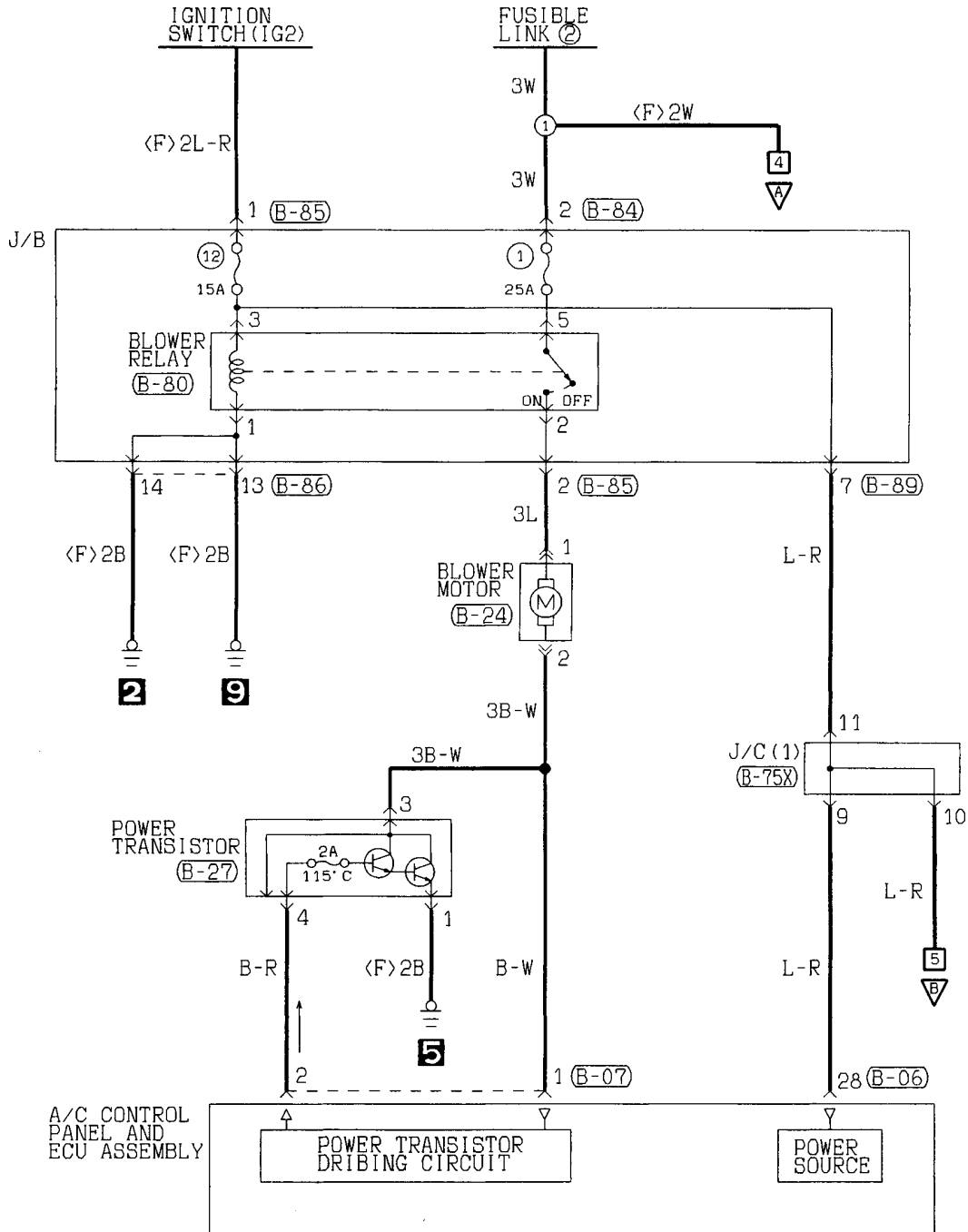
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

NOTES

AUTOMATIC AIR CONDITIONER

Diesel-powered vehicles <F9Q>

1



(A-69) MU802645

1	2	3	4	5
6	7	8	9	10

(A-154)

1	2	3
4		

(B-06) (MU801584)

21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

(B-07) (MU801585)

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

(B-24)

1	2
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(B-27)

1	2
3	4

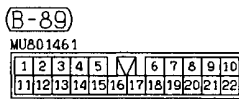
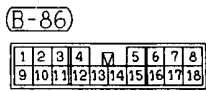
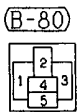
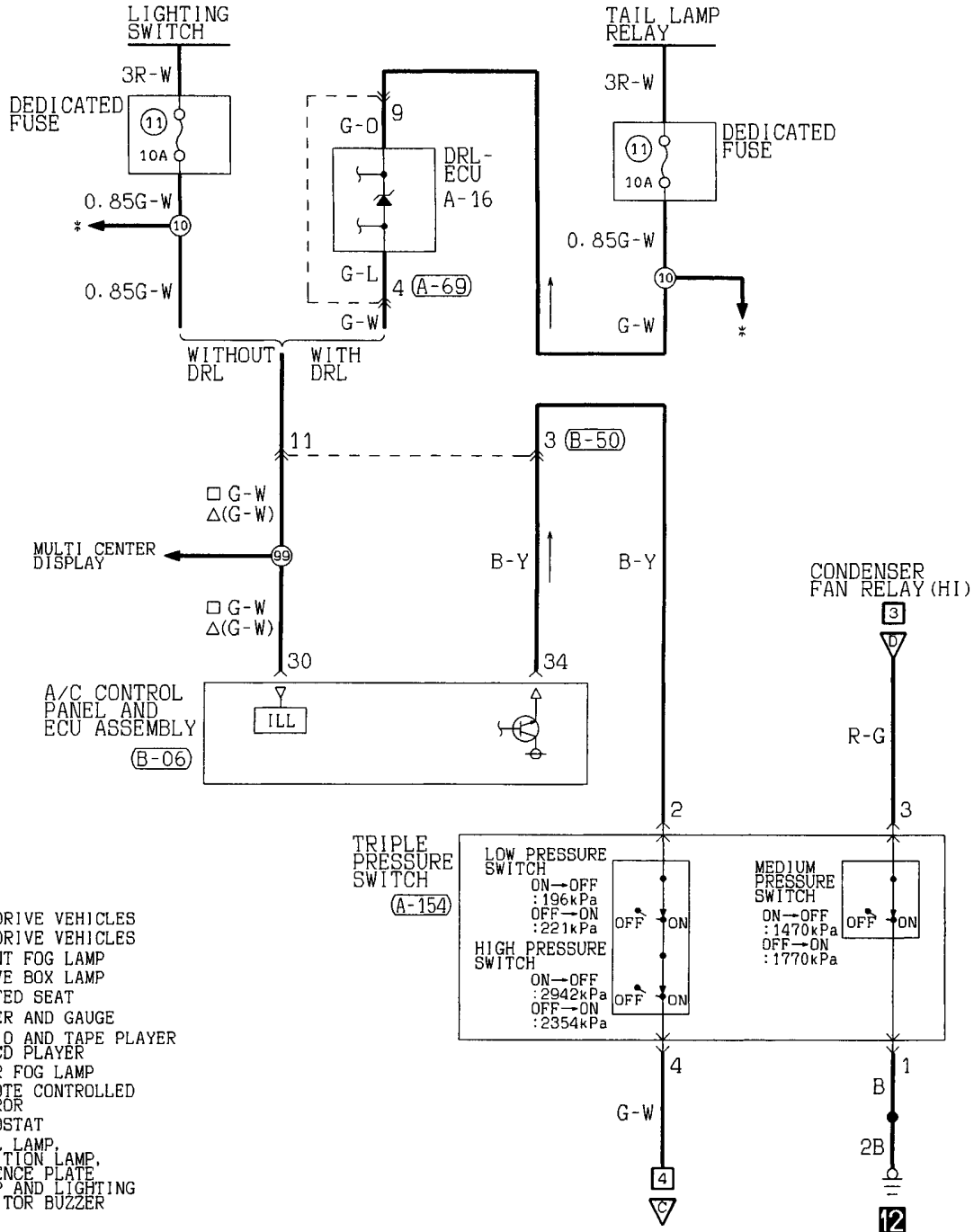
(B-50) MU801461

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

(B-75X)

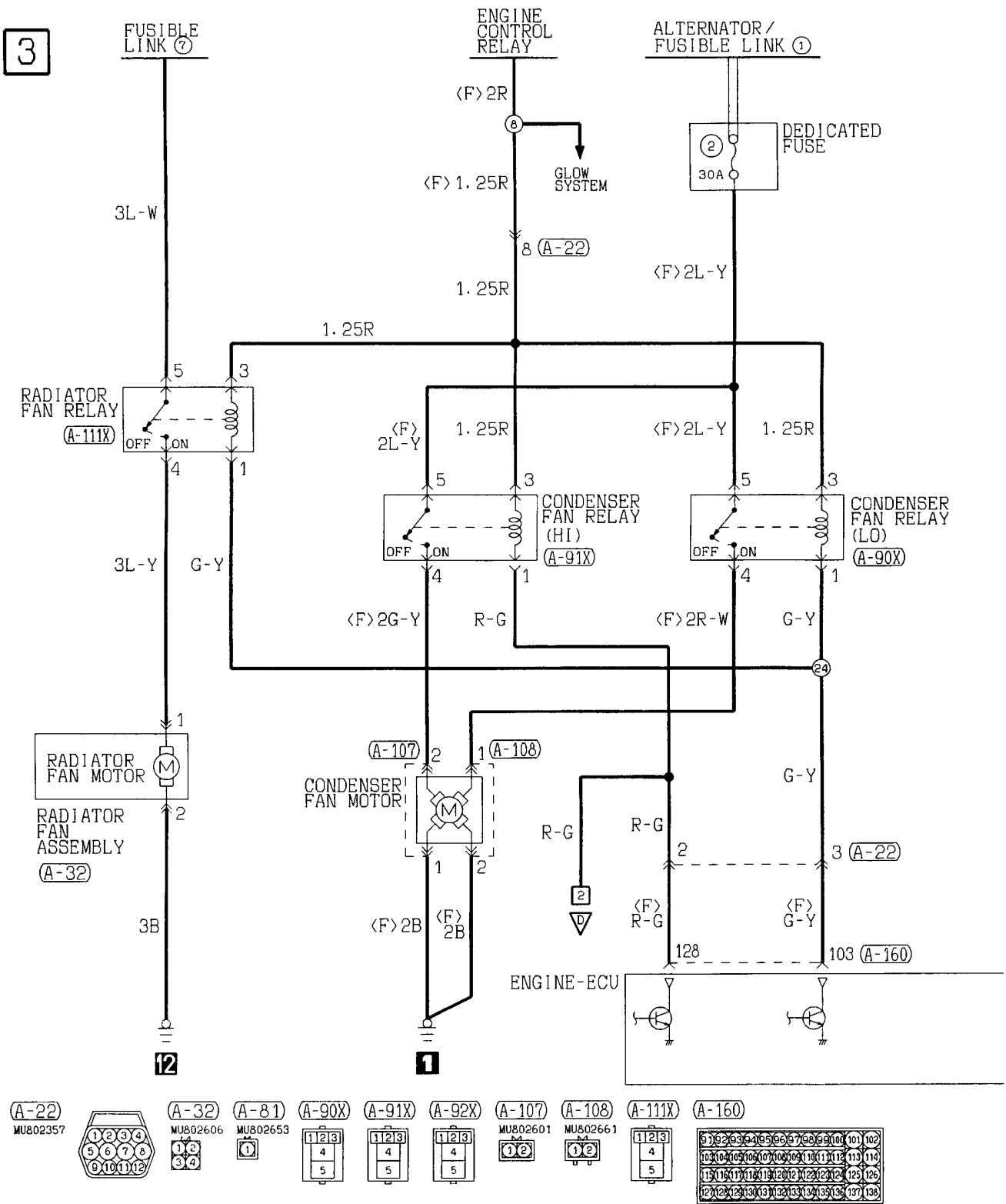
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33

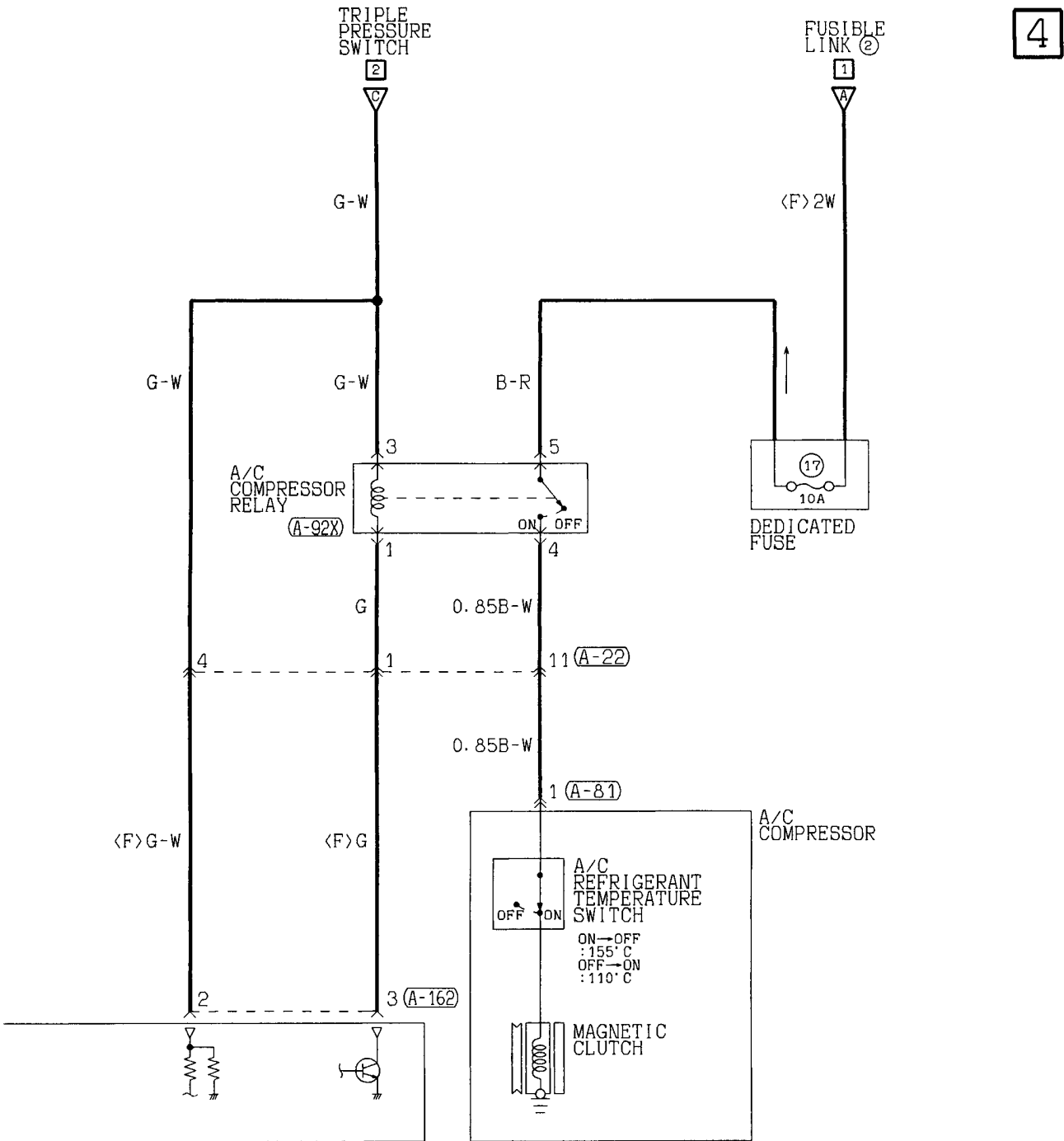
2



Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

AUTOMATIC AIR CONDITIONER <Diesel-powered vehicles (F9Q)> (CONTINUED)





(A-162)

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

Wire colour code

B : Black LG:Light green
BR:Brown O :Orange

G :Green GR:Gray

L :Blue R :Red

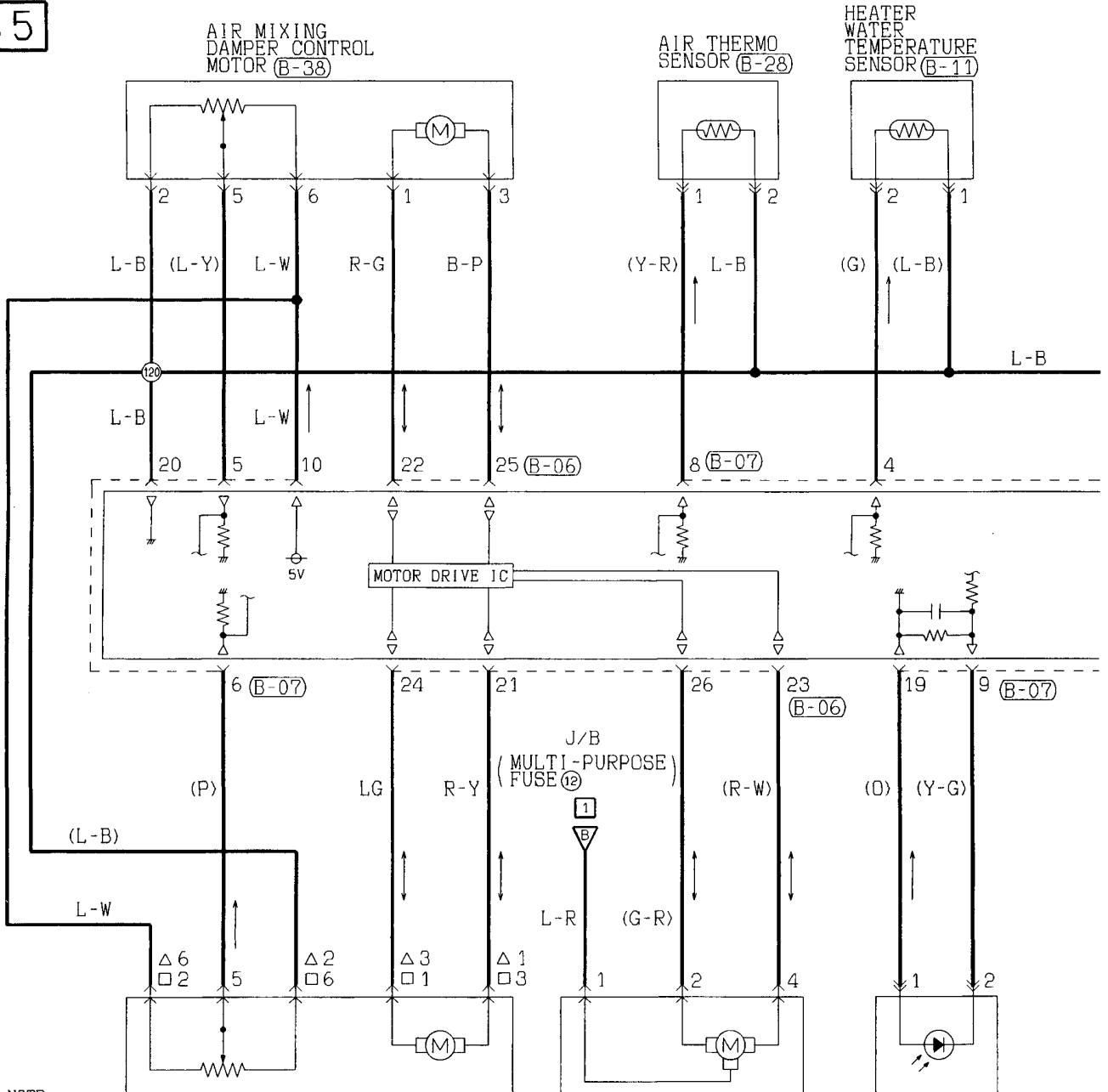
W :White P :Pink

Y :Yellow V :Violet

SB:Sky blue

AUTOMATIC AIR CONDITIONER <Diesel-powered vehicles (F9Q)> (CONTINUED)

5



NOTE
 Δ: R. H. DRIVE VEHICLES
 □: L. H. DRIVE VEHICLES

MODE SELECTION DAMPER CONTROL MOTOR (B-04)

OUTSIDE/INSIDE AIR SELECTION DAMPER CONTROL MOTOR (B-14)

PHOTO SENSOR (B-10)

(A-35)

(B-04)

(B-06) (MU801584)

(B-07) (MU801585)

(B-10)

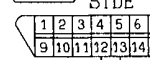
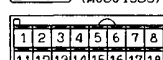
(B-11)

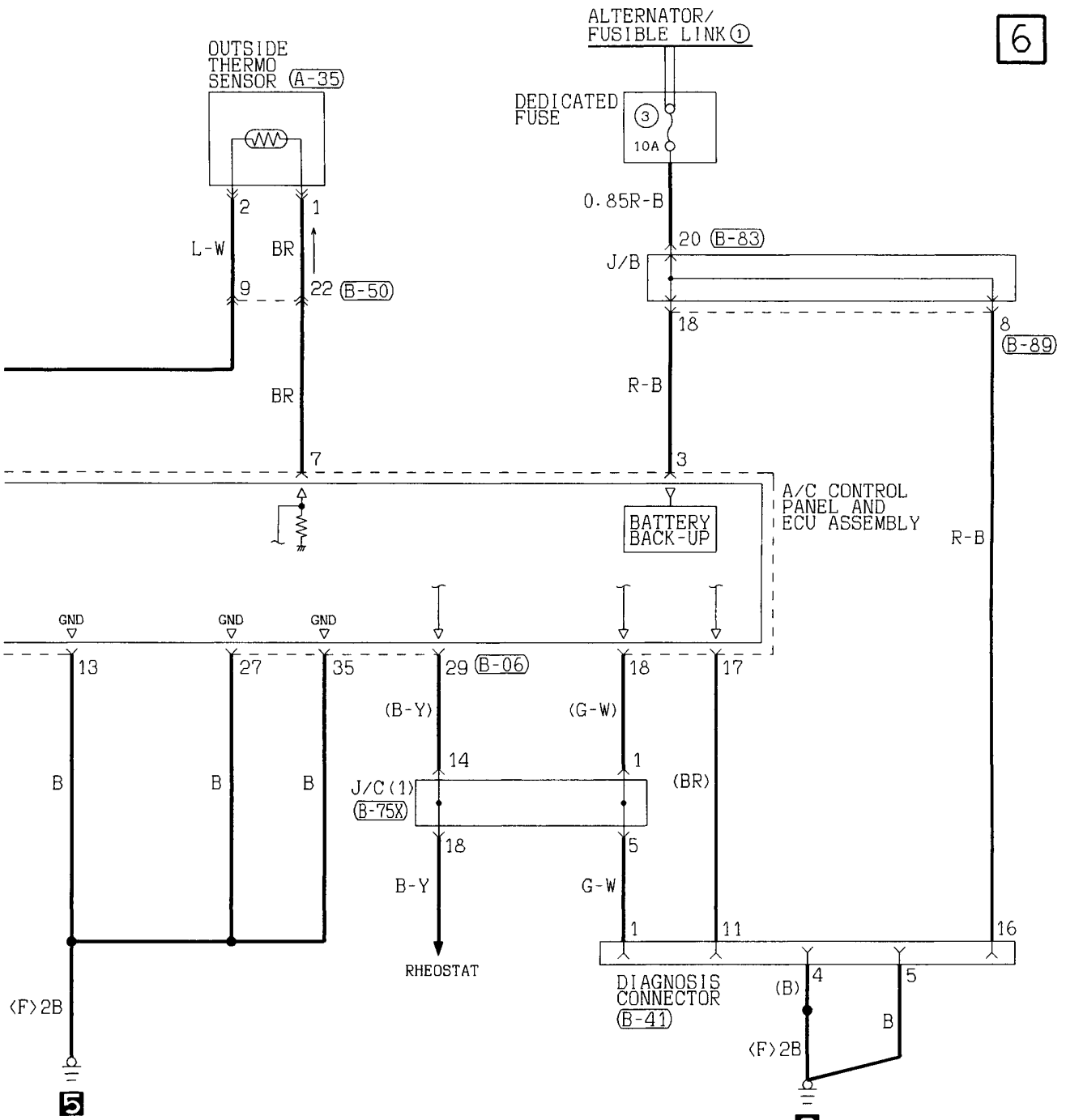
(B-14)

(B-28)

(B-38)

(B-41) FRONT SIDE





6

(B-50)

MU801461

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

(B-75X)

MU801457

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							

(B-83)

MU801457

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

(B-89)

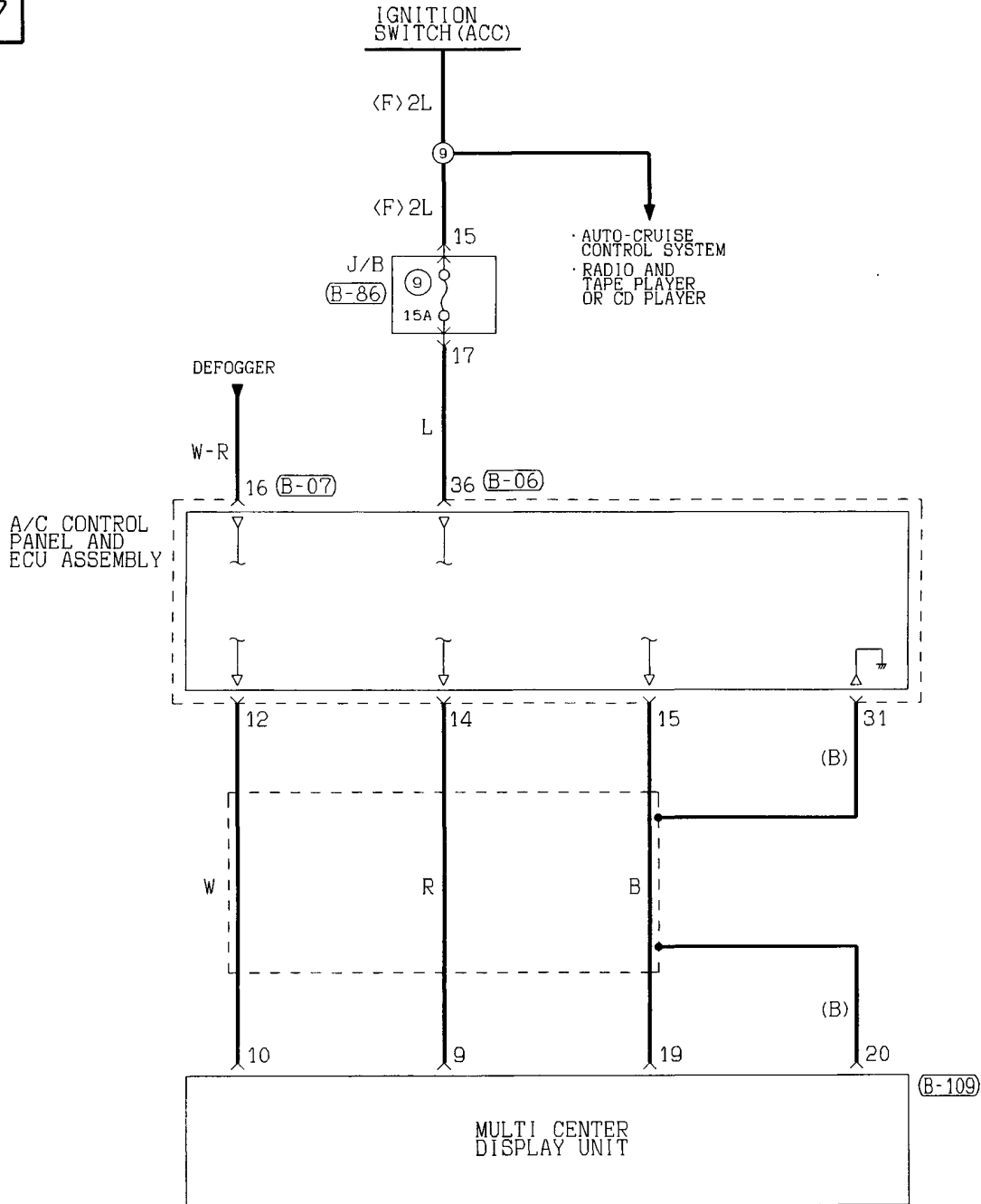
MU801461

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

Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

AUTOMATIC AIR CONDITIONER <Diesel-powered vehicles (F9Q)> (CONTINUED)

7



(B-06) (MU801584)

21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

(B-07) (MU801585)

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

(B-86)

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

(B-109) (MU801585)

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

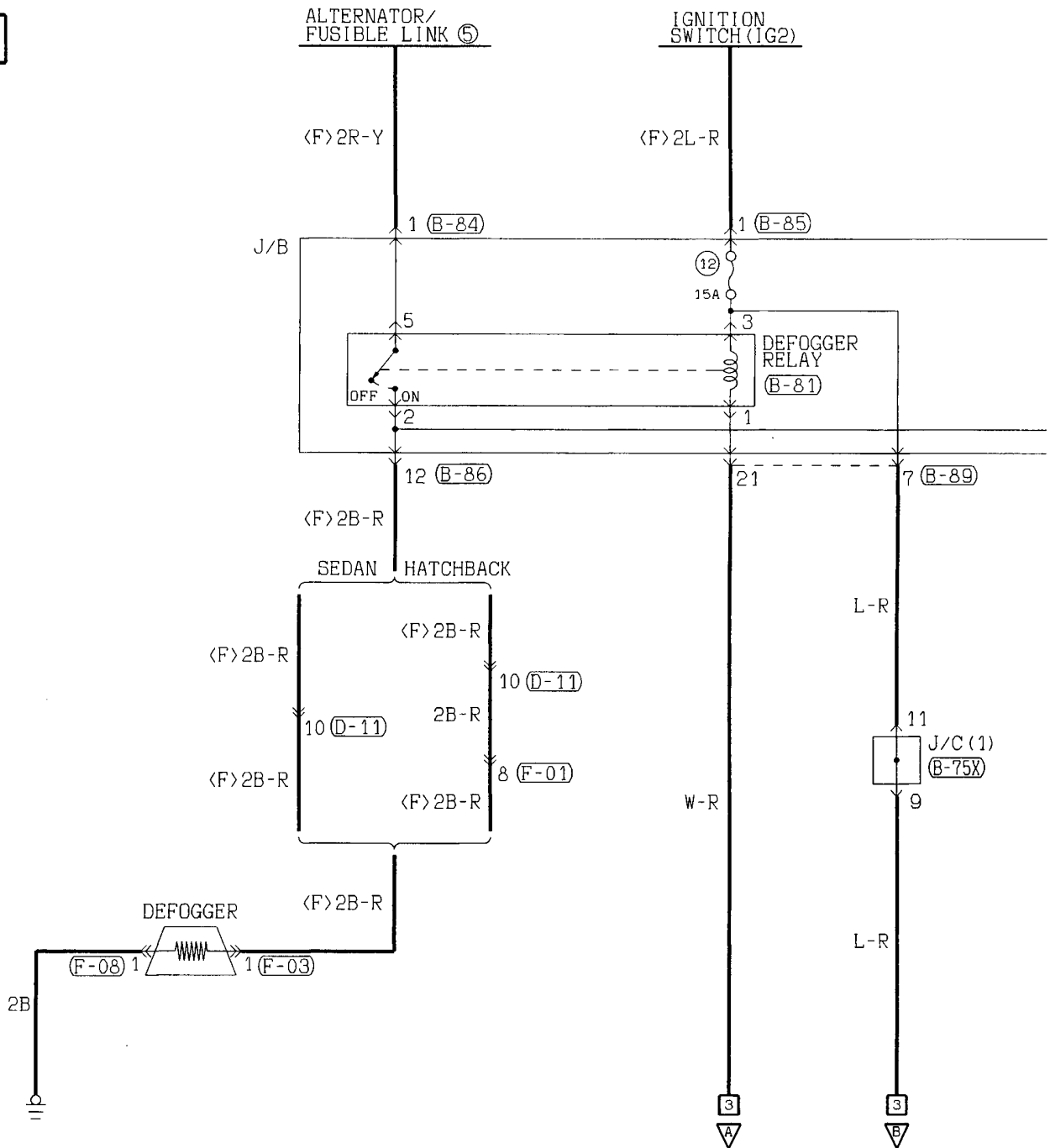
Wire colour code
 B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Skv blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

NOTES

DEFOGGER AND DOOR MIRROR HEATER

Vehicles with full-auto air conditioner

1



(B-18)

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

(B-49)

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			

(B-75X)

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

(B-76X)

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

(B-81)

1	2	3
4		
5		

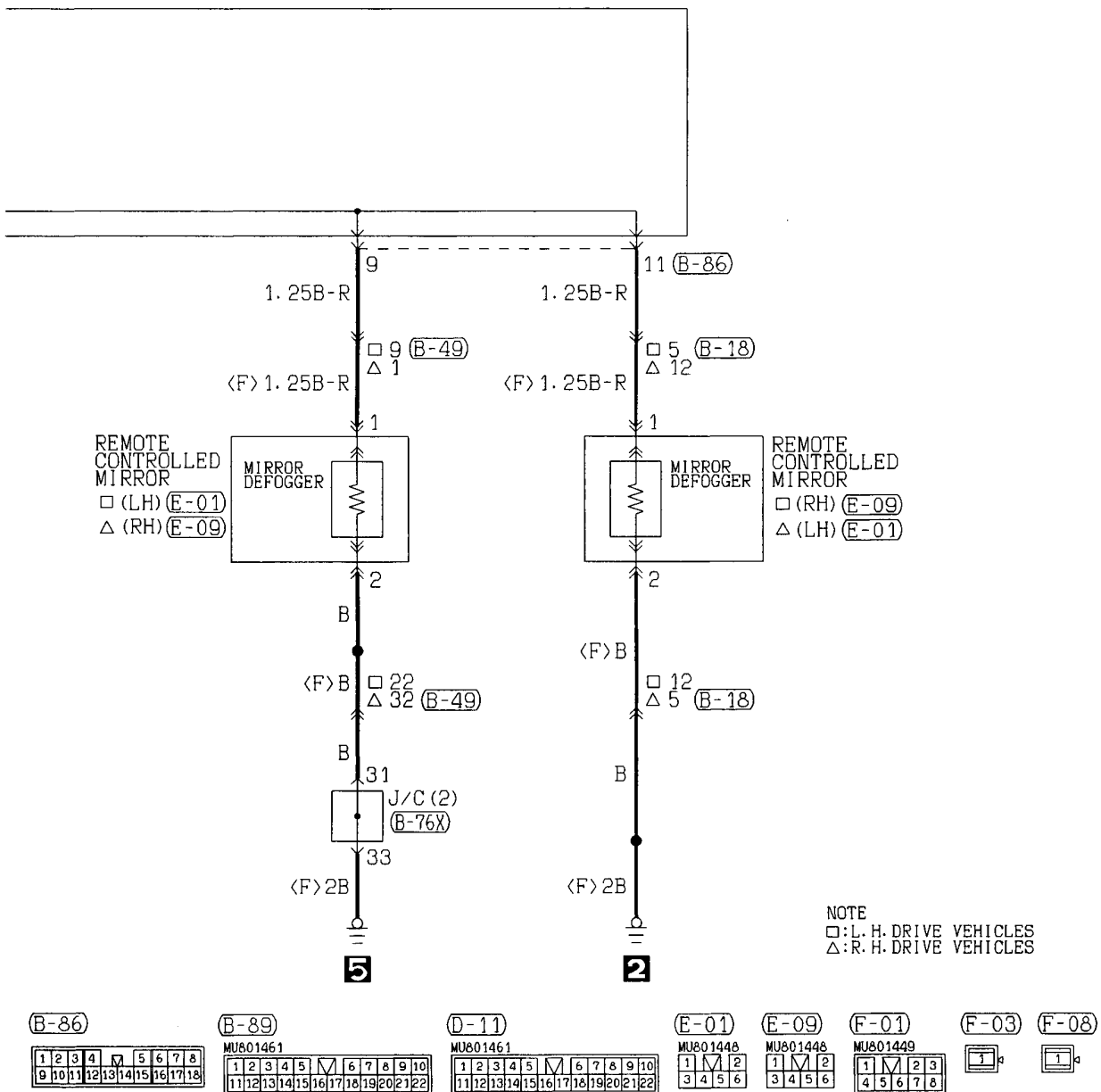
(B-84)

1	2
---	---

(B-85)

1	2	3
---	---	---

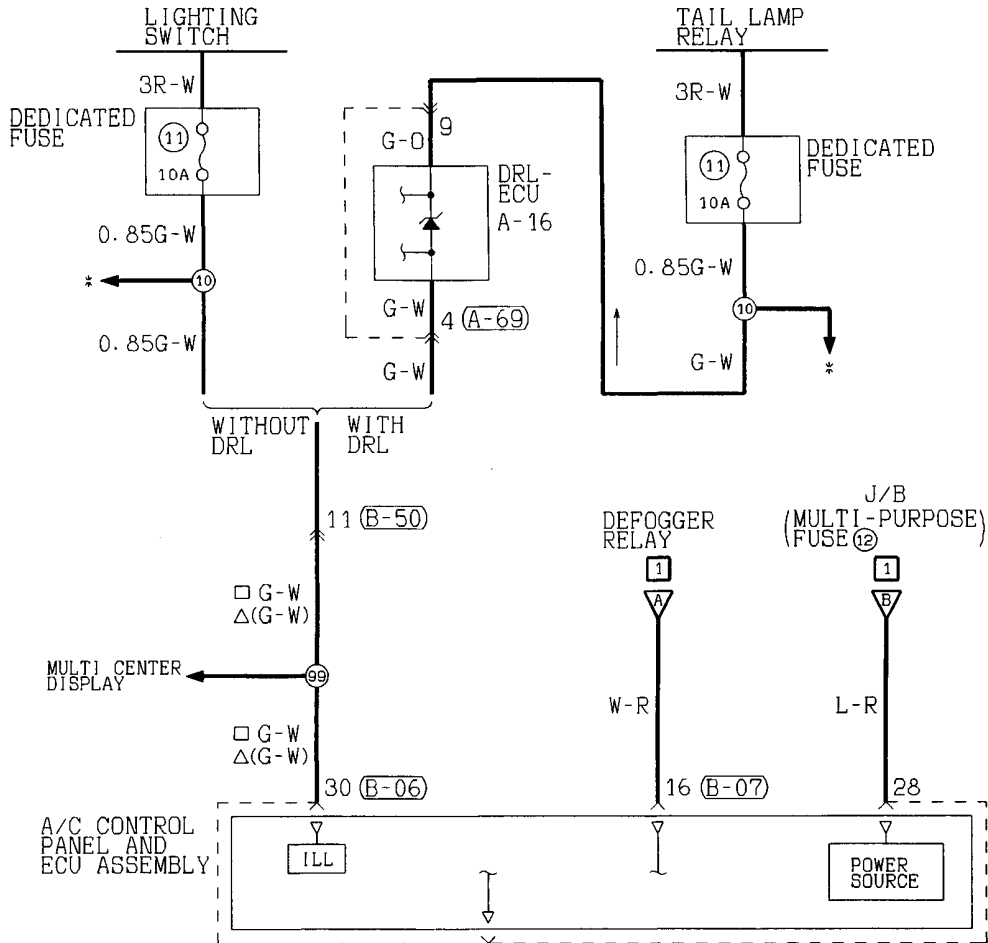
2



Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

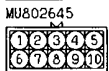
DEFOGGER AND DOOR MIRROR HEATER <Vehicles with full-auto air conditioner> (CONTINUED)

3

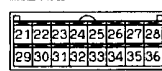


- NOTE
- : L. H. DRIVE VEHICLES
 - △: R. H. DRIVE VEHICLES
 - *: ELC 4-SPEED AUTOMATIC TRANSMISSION
 - FRONT FOG LAMP
 - GDI SYSTEM
 - GLOVE BOX LAMP
 - HEATED SEAT
 - METER AND GAUGE
 - RADIO AND TAPE PLAYER OR CD PLAYER
 - REAR FOG LAMP
 - REMOTE CONTROLLED MIRROR
 - RHEOSTAT
 - TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

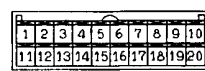
(A-69)



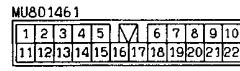
(B-06) (MU801584)



(B-07) (MU801585)



(B-50)



(B-75X)



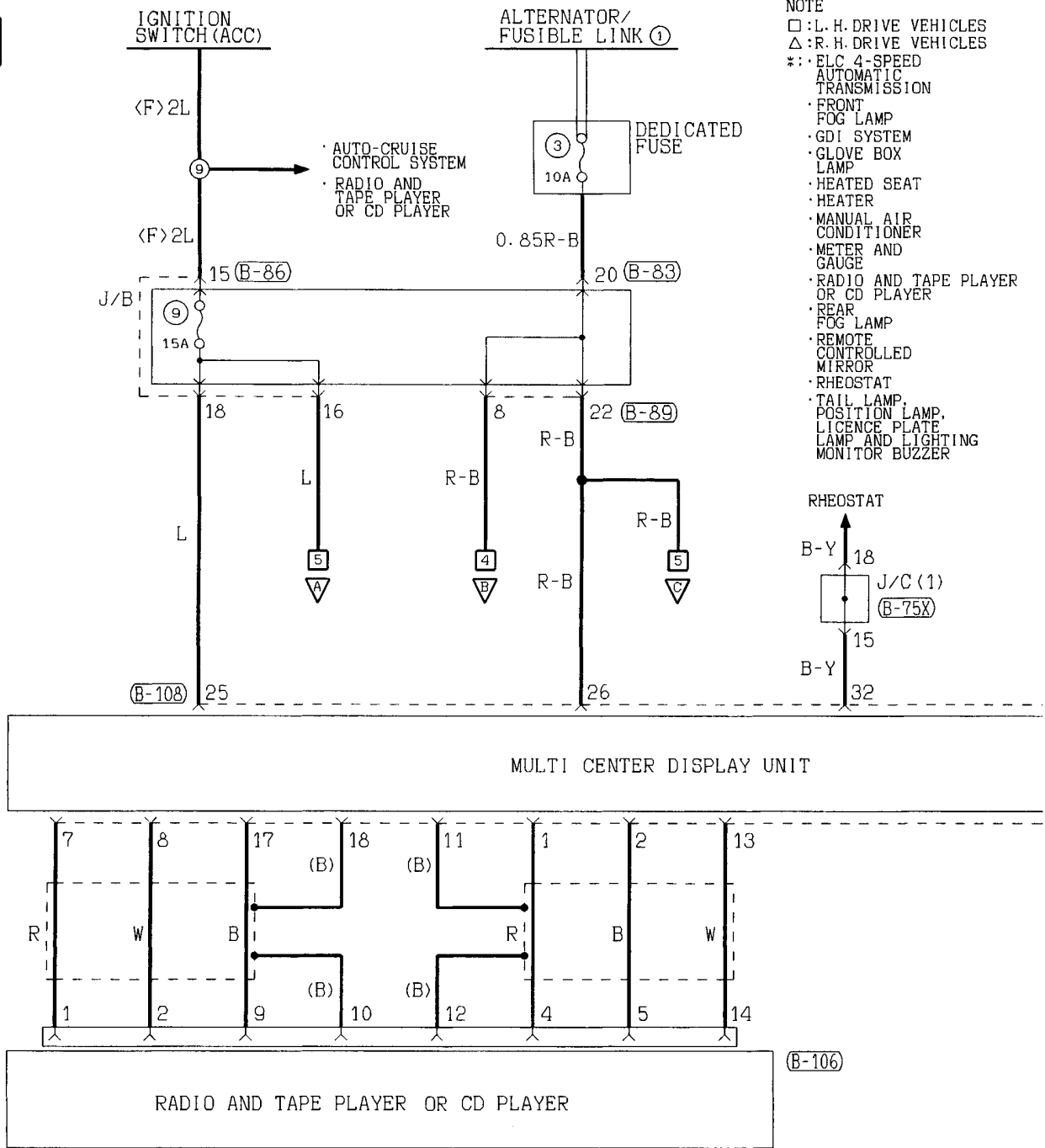
Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

NOTES

MULTI CENTER DISPLAY

Petrol-powered vehicles

1

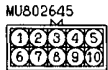


- NOTE
- : L. H. DRIVE VEHICLES
 - △ : R. H. DRIVE VEHICLES
 - * : ELC 4-SPEED AUTOMATIC TRANSMISSION
 - FRONT FOG LAMP
 - GDI SYSTEM
 - GLOVE BOX LAMP
 - HEATED SEAT
 - HEATER
 - MANUAL AIR CONDITIONER
 - METER AND GAUGE
 - RADIO AND TAPE PLAYER OR CD PLAYER
 - REAR FOG LAMP
 - REMOTE CONTROLLED MIRROR
 - RHEOSTAT
 - TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

(A-35)



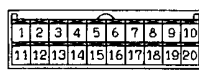
(A-69)



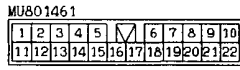
(B-06) (MU801584)



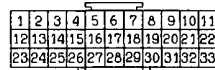
(B-07) (MU801585)



(B-50)

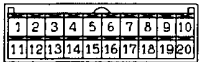


(B-75X)

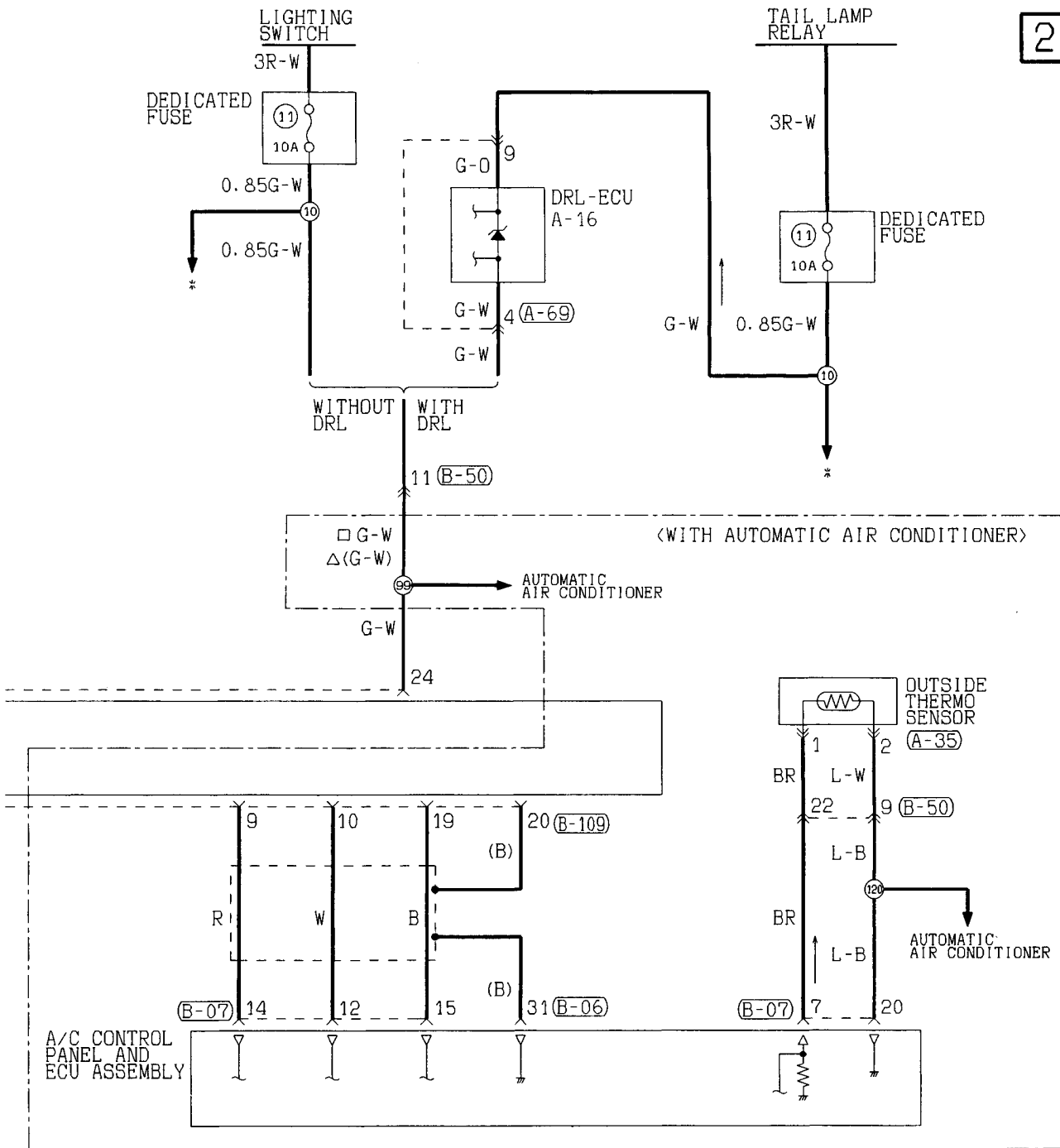


(B-109)

(MU801585)



2



(B-83)

MU801457

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

(B-86)

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

(B-89)

MU801461

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

(B-106)

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

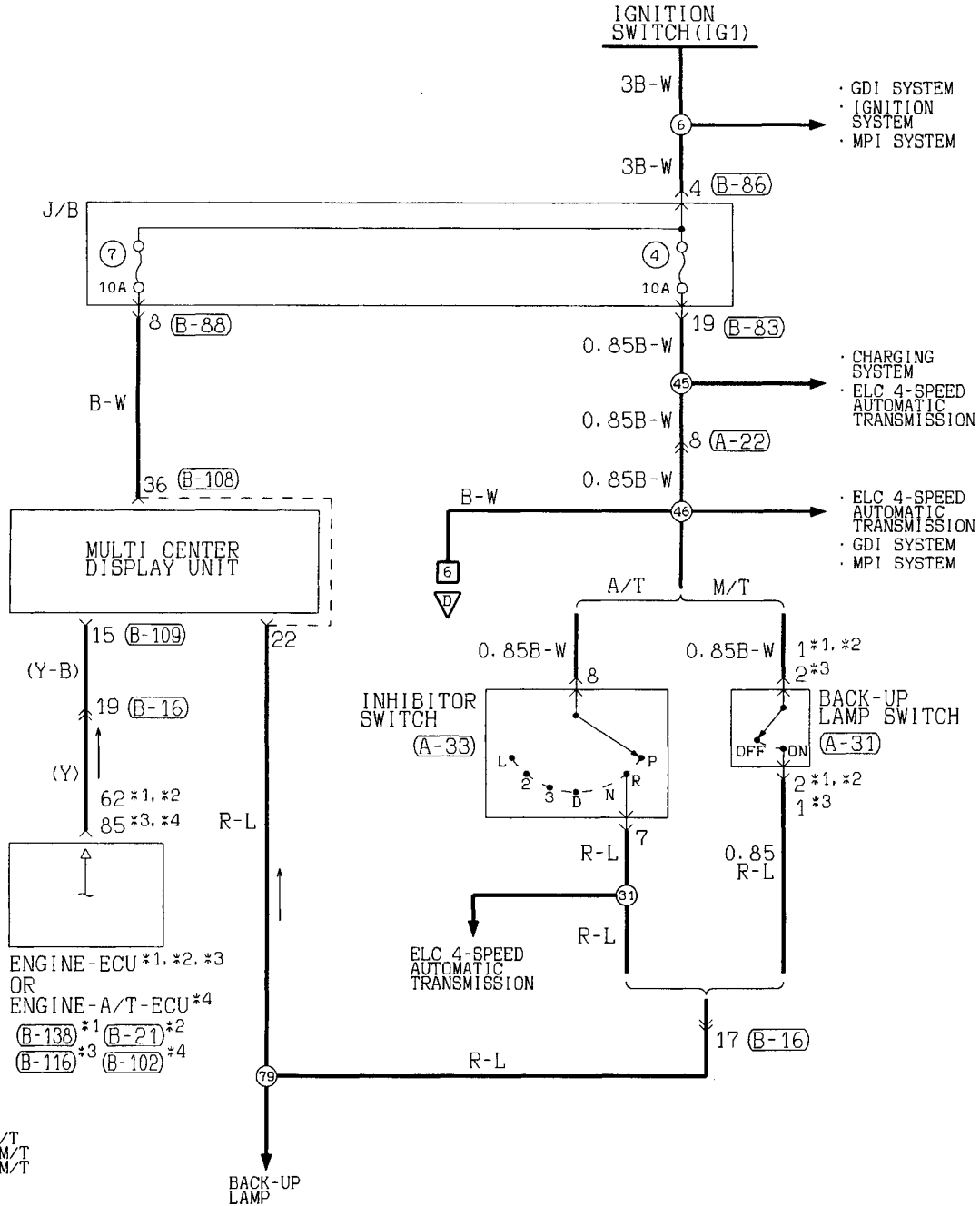
(B-108) (MU801584)

21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

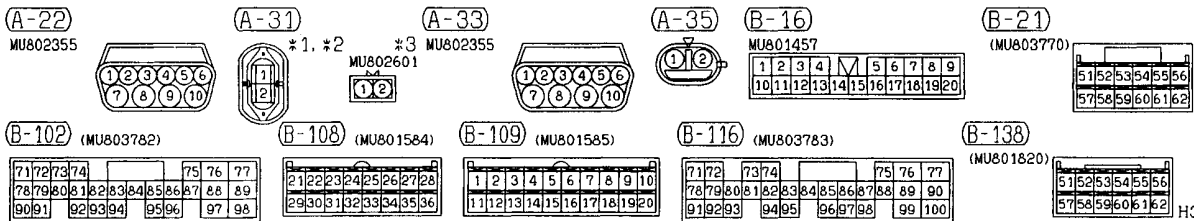
Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

MULTI CENTER DISPLAY <Petrol-powered vehicles> (CONTINUED)

3

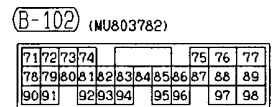
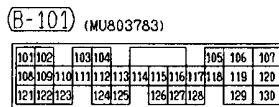
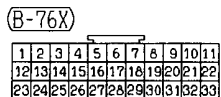
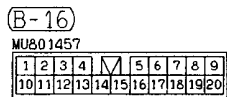
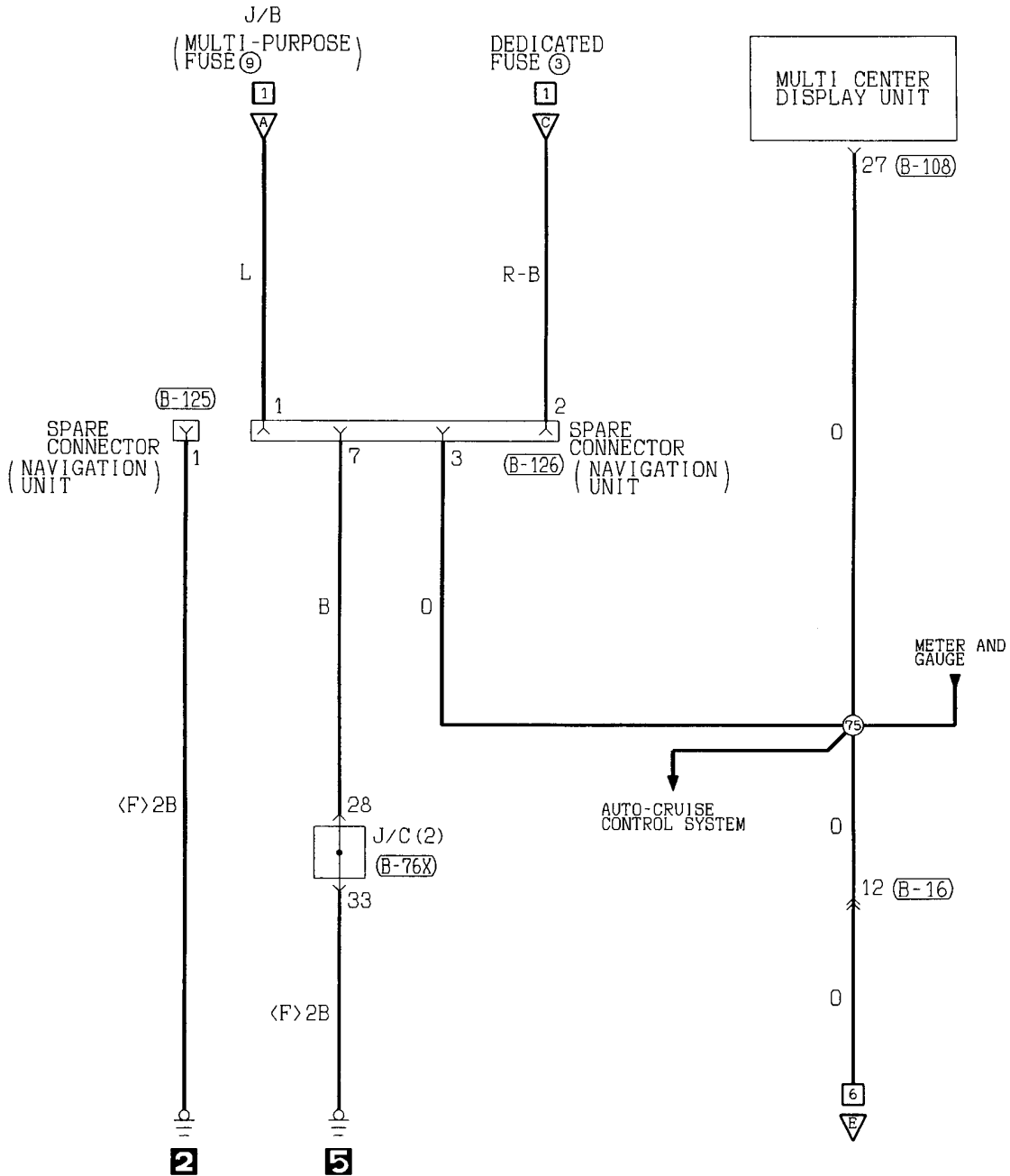


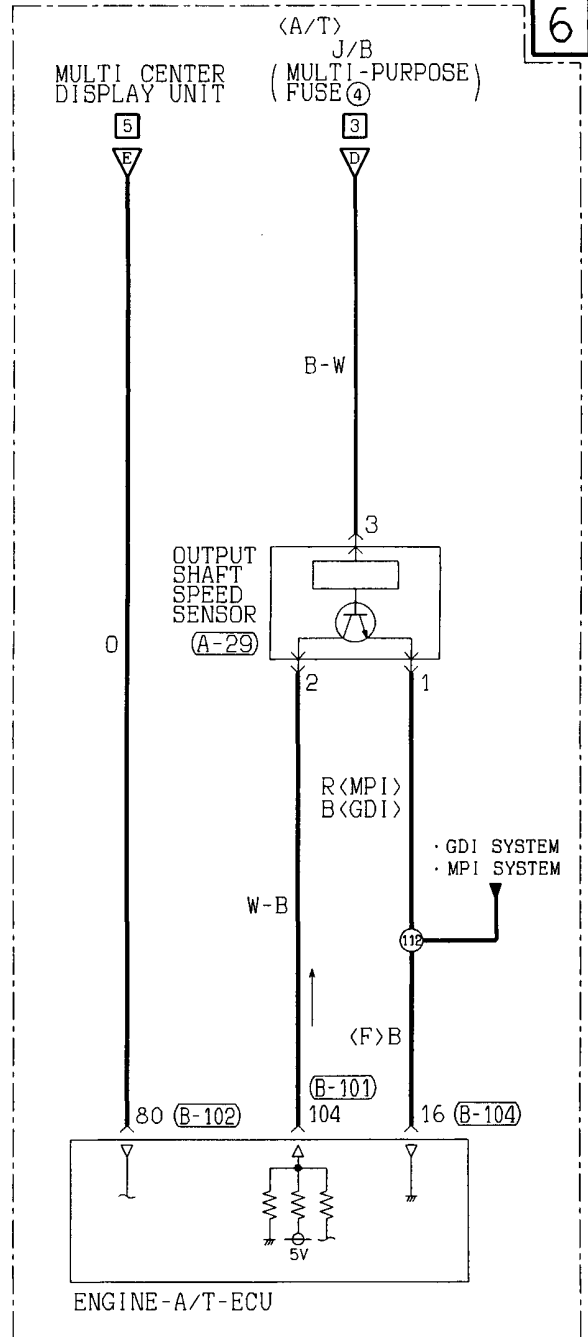
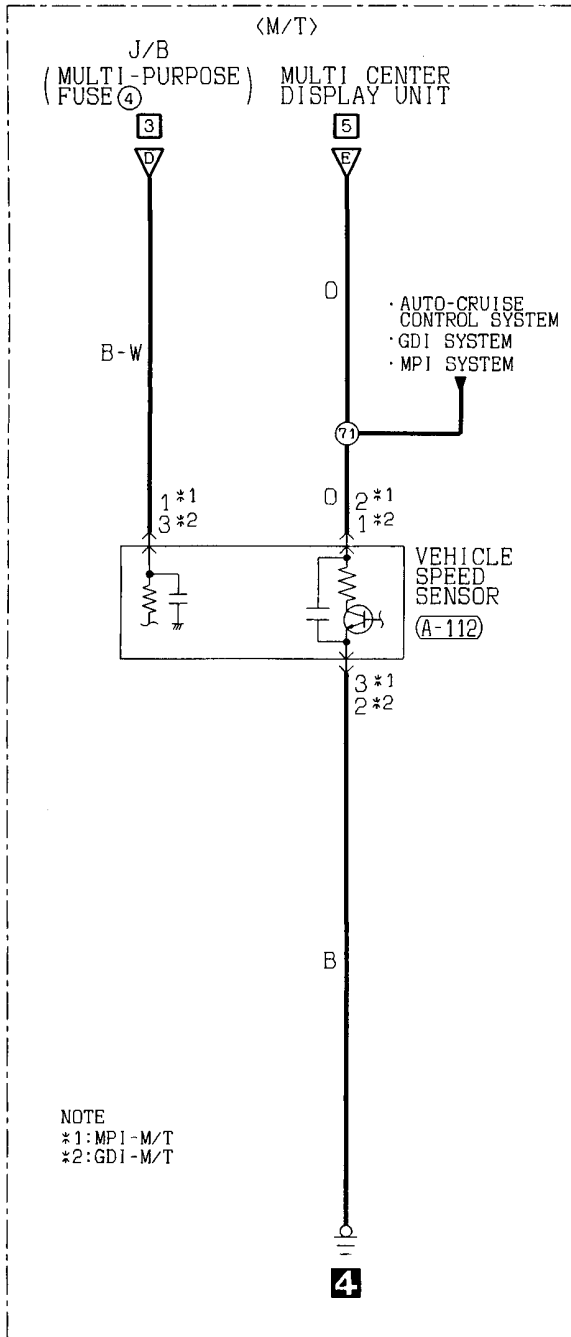
NOTE
 #1: 4G1-M/T
 #2: 4G92-M/T
 #3: 4G93-M/T
 #4: A/T



MULTI CENTER DISPLAY <Petrol-powered vehicles> (CONTINUED)

5





(B-104) (MU803784)

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					

(B-108) (MU801584)

21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

(B-125) MU801211

1

(B-126) MU801583

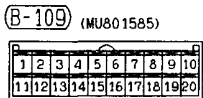
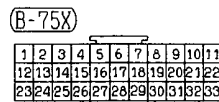
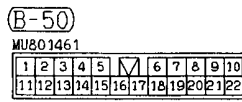
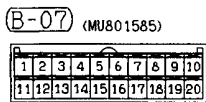
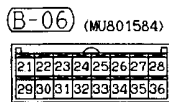
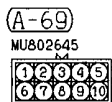
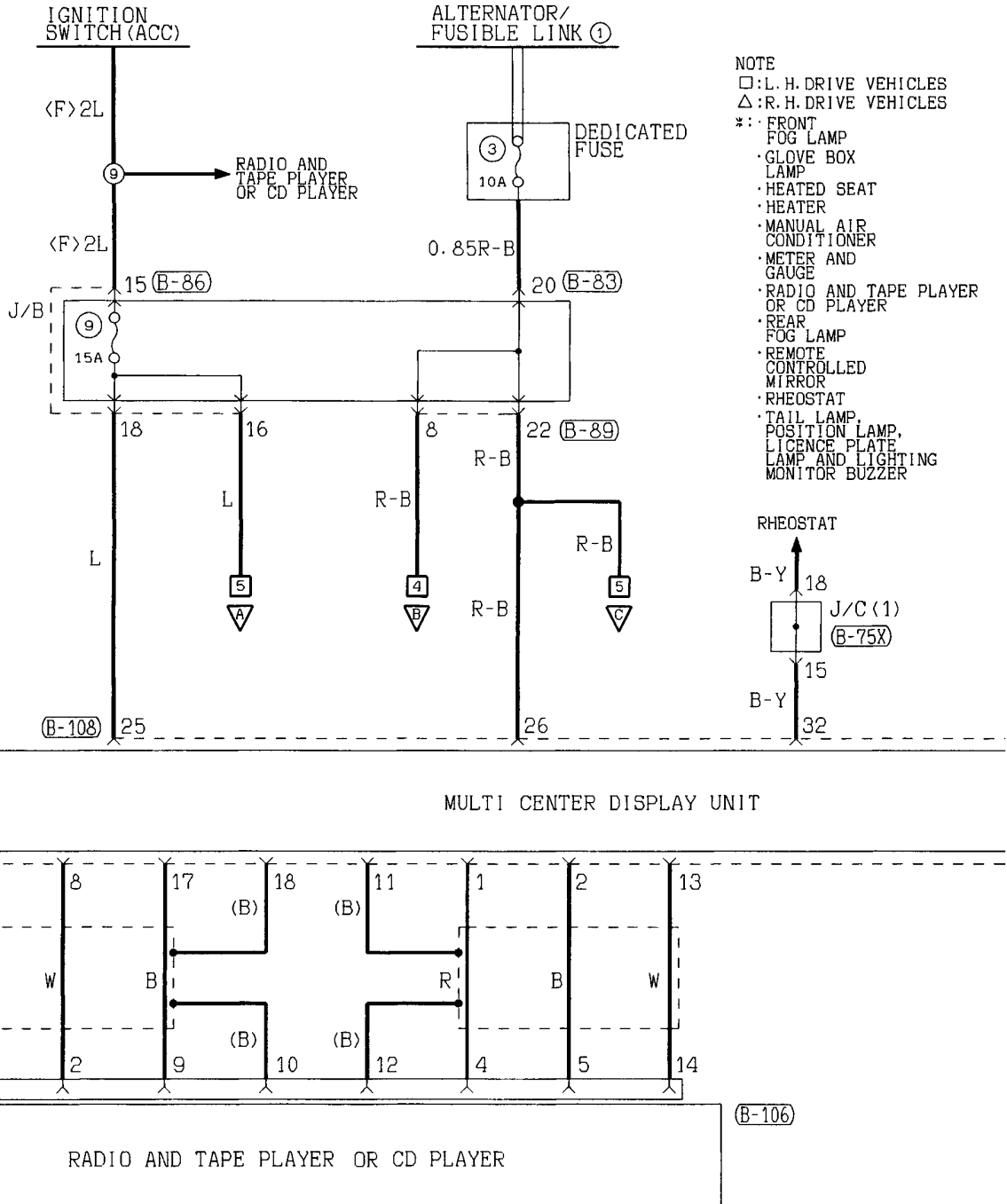
1	2	3	4	5	6
7	8	9	10	11	12

Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

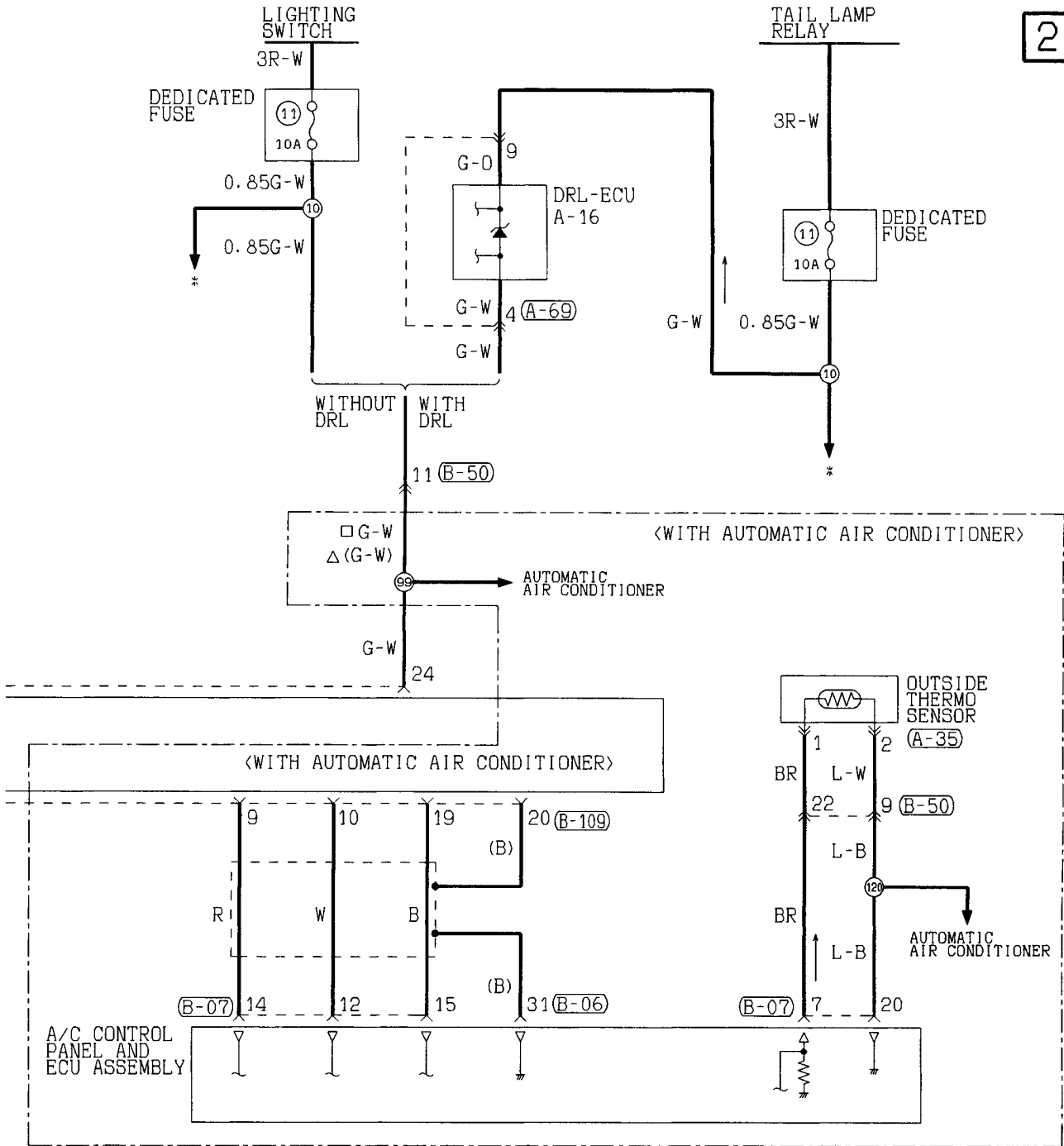
MULTI CENTER DISPLAY

Diesel-powered vehicles <F9Q>

1



2



(B-83)

MU801457

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

(B-86)

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

(B-89)

MU801461

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

(B-106)

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

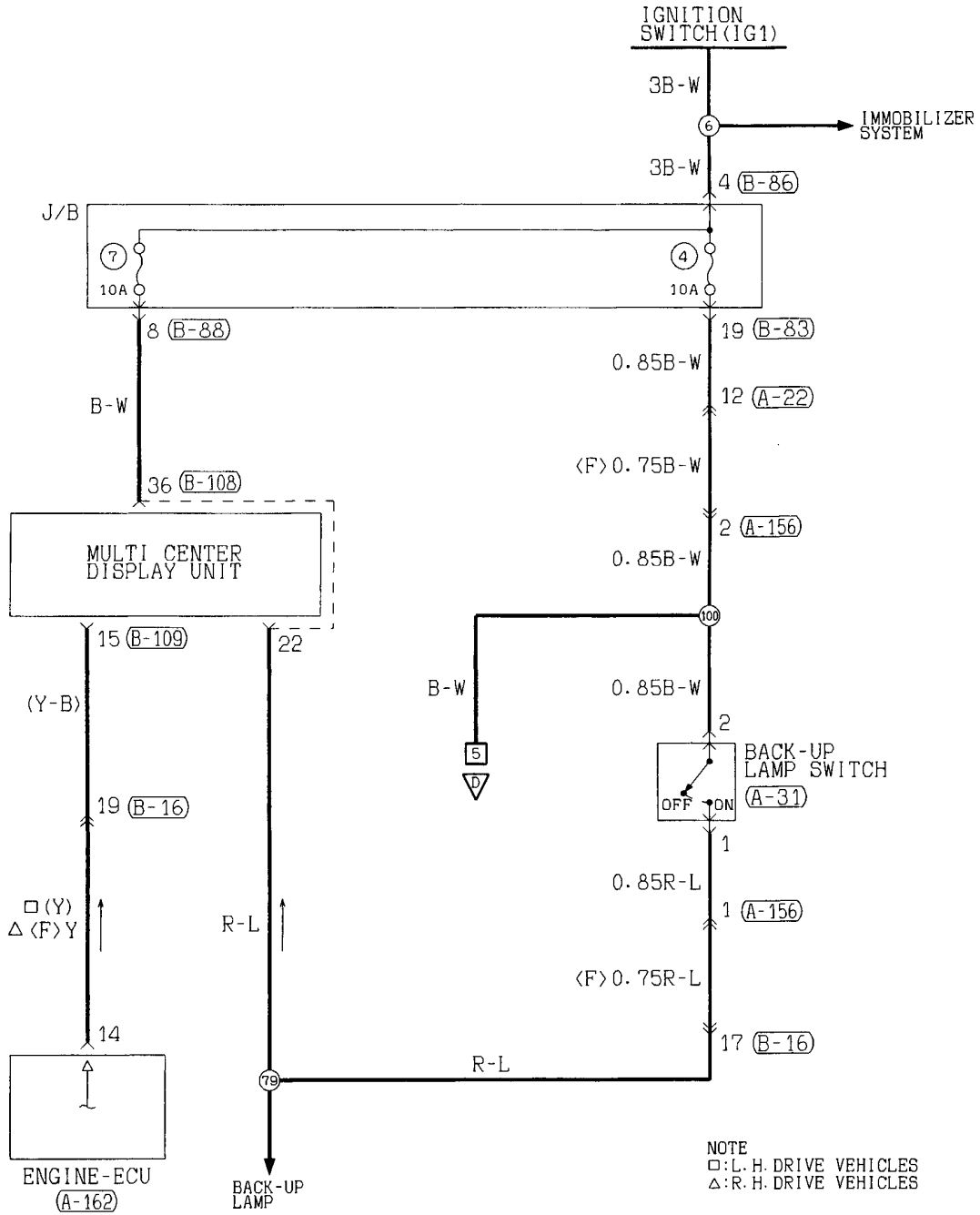
(B-108) (MU801584)

21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

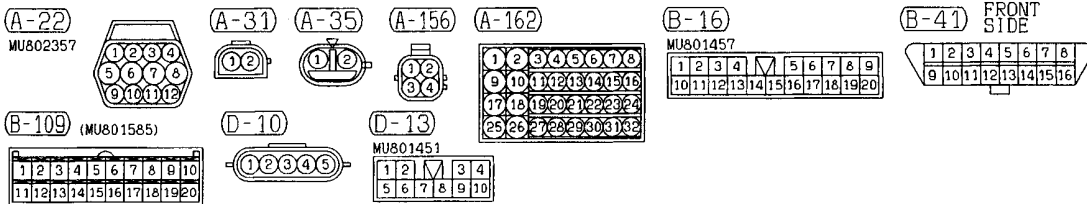
Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

MULTI CENTER DISPLAY <Diesel-powered vehicles (F9Q)> (CONTINUED)

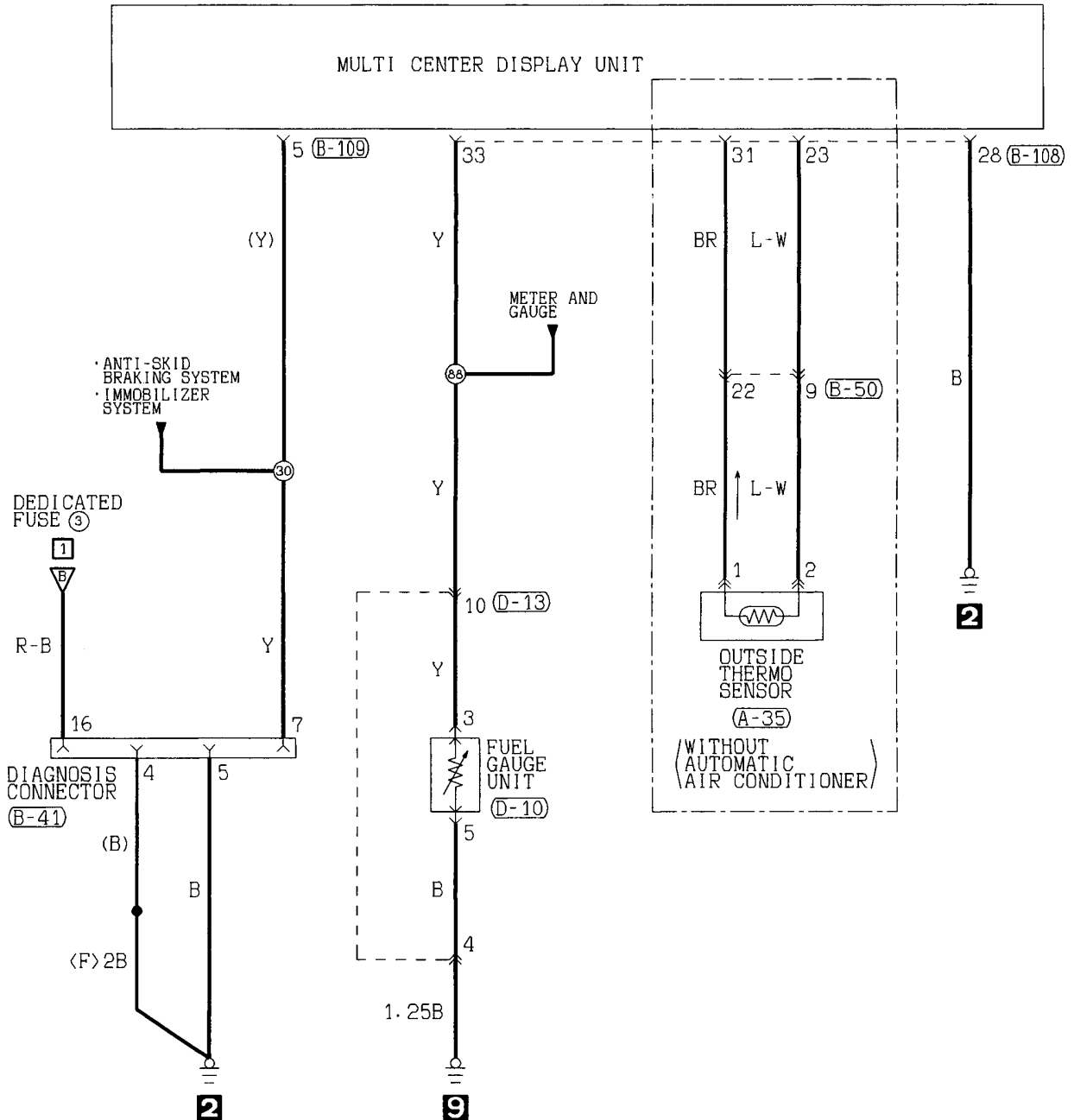
3



NOTE
 □: L. H. DRIVE VEHICLES
 △: R. H. DRIVE VEHICLES



4



(B-50) MU801461

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

(B-83) MU801457

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

(B-86)

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

(B-88)

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

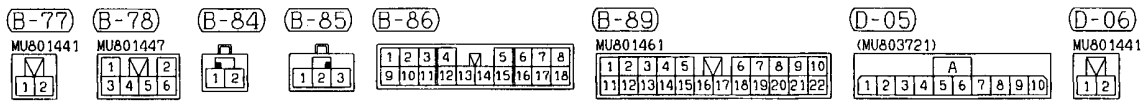
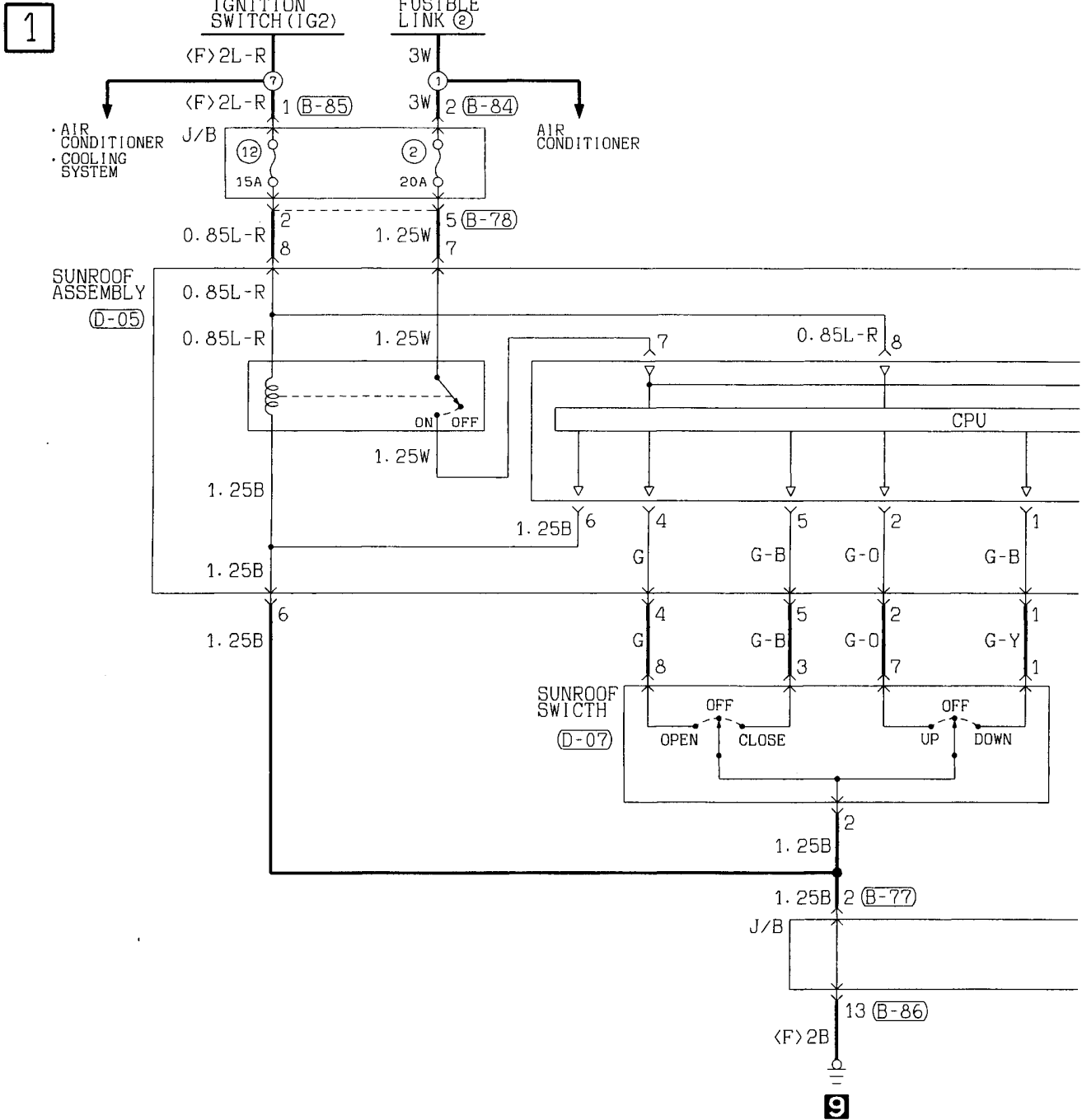
(B-108) (MU801584)

21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36

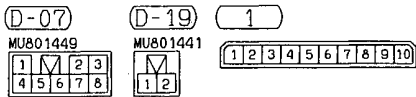
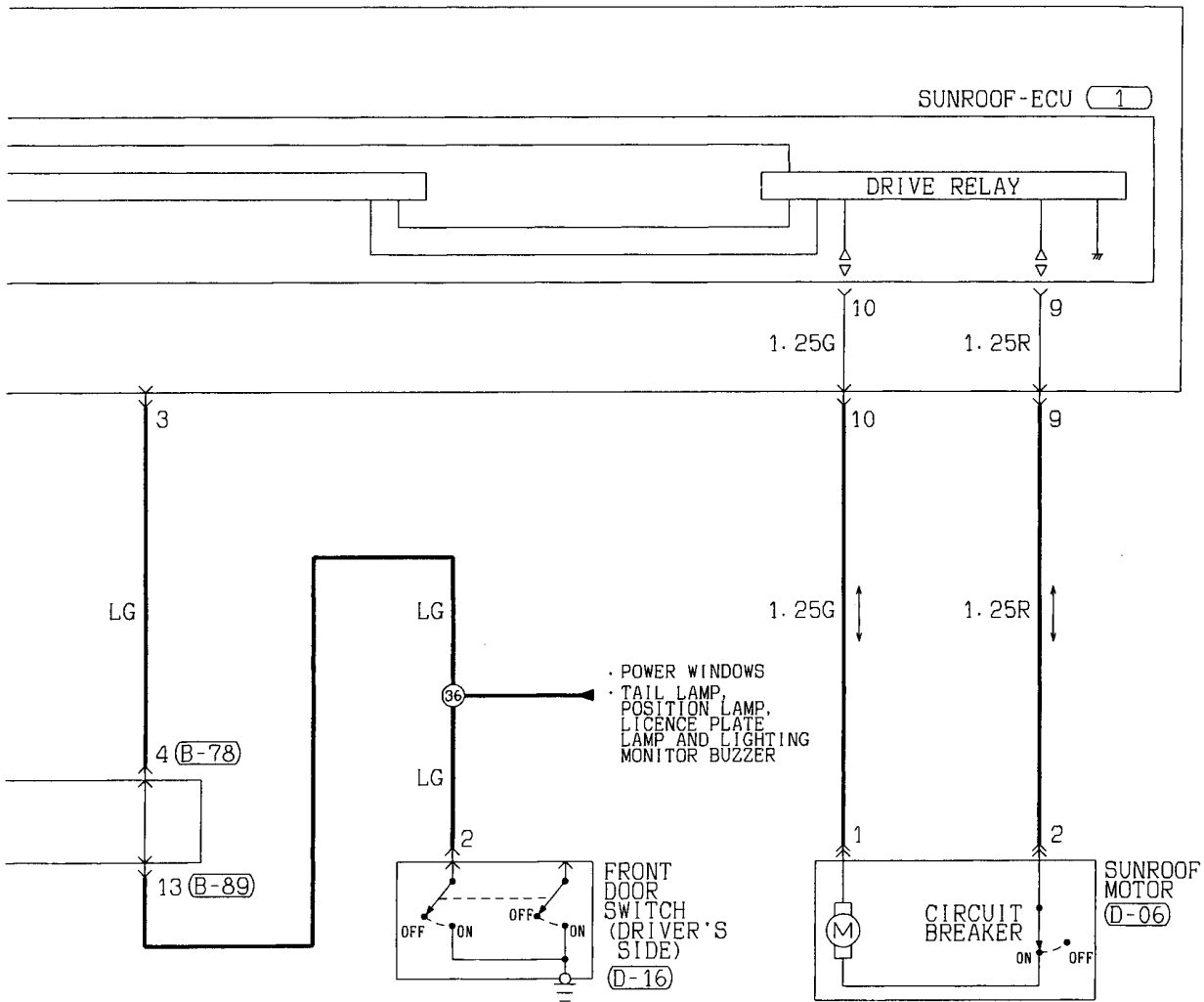
Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

NOTES

SUNROOF



2



Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

NOTES