
CIRCUIT DIAGRAMS

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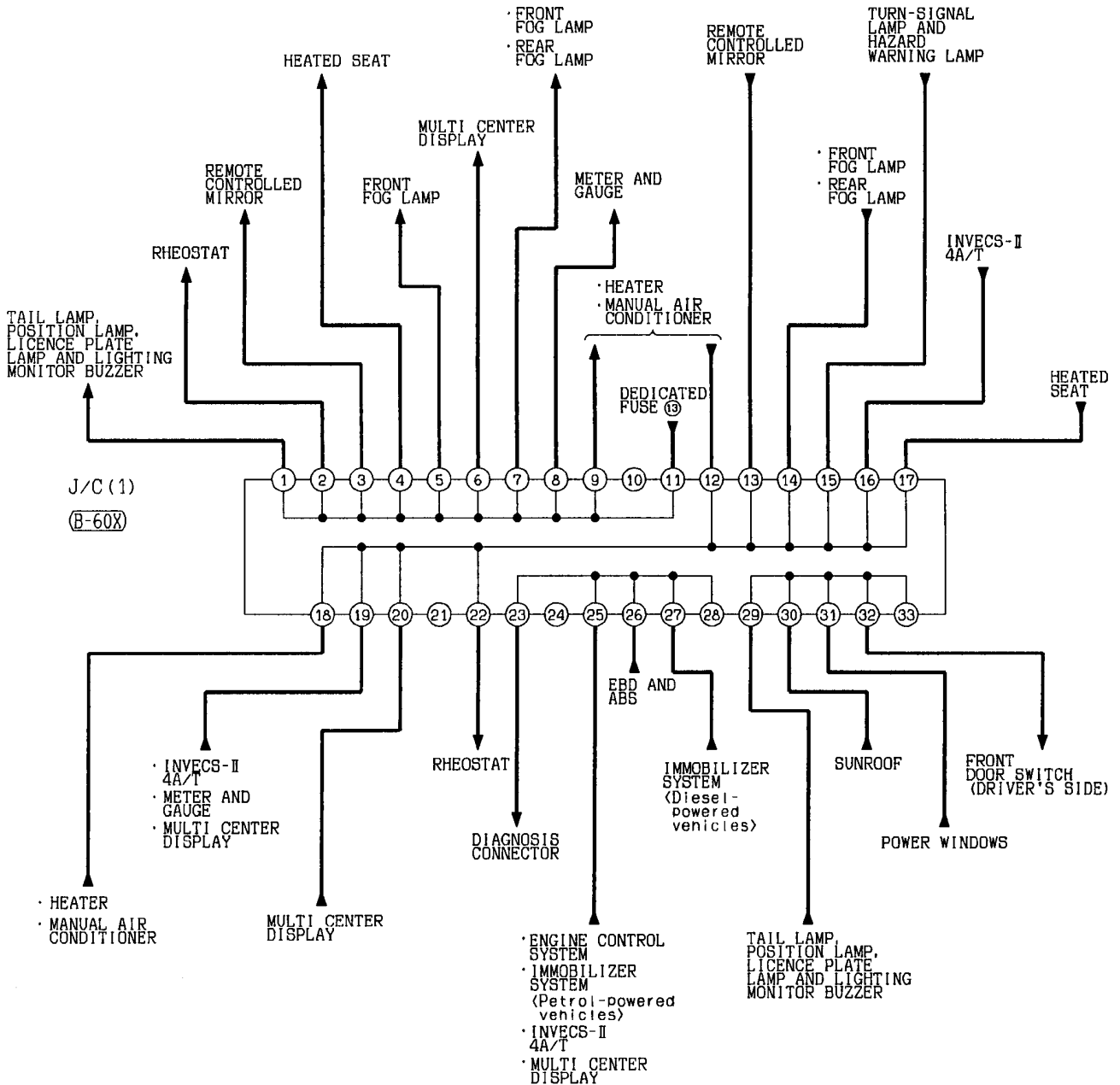
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NOTES

J/C

IN ACTUAL VEHICLES, ANY OF THE TERMINALS CONNECTED IN J/C ARE USED. THE TERMINALS DESCRIBED IN THE CIRCUIT DIAGRAM MAY NOT BE IDENTICAL TO THOSE OF THE VEHICLES.

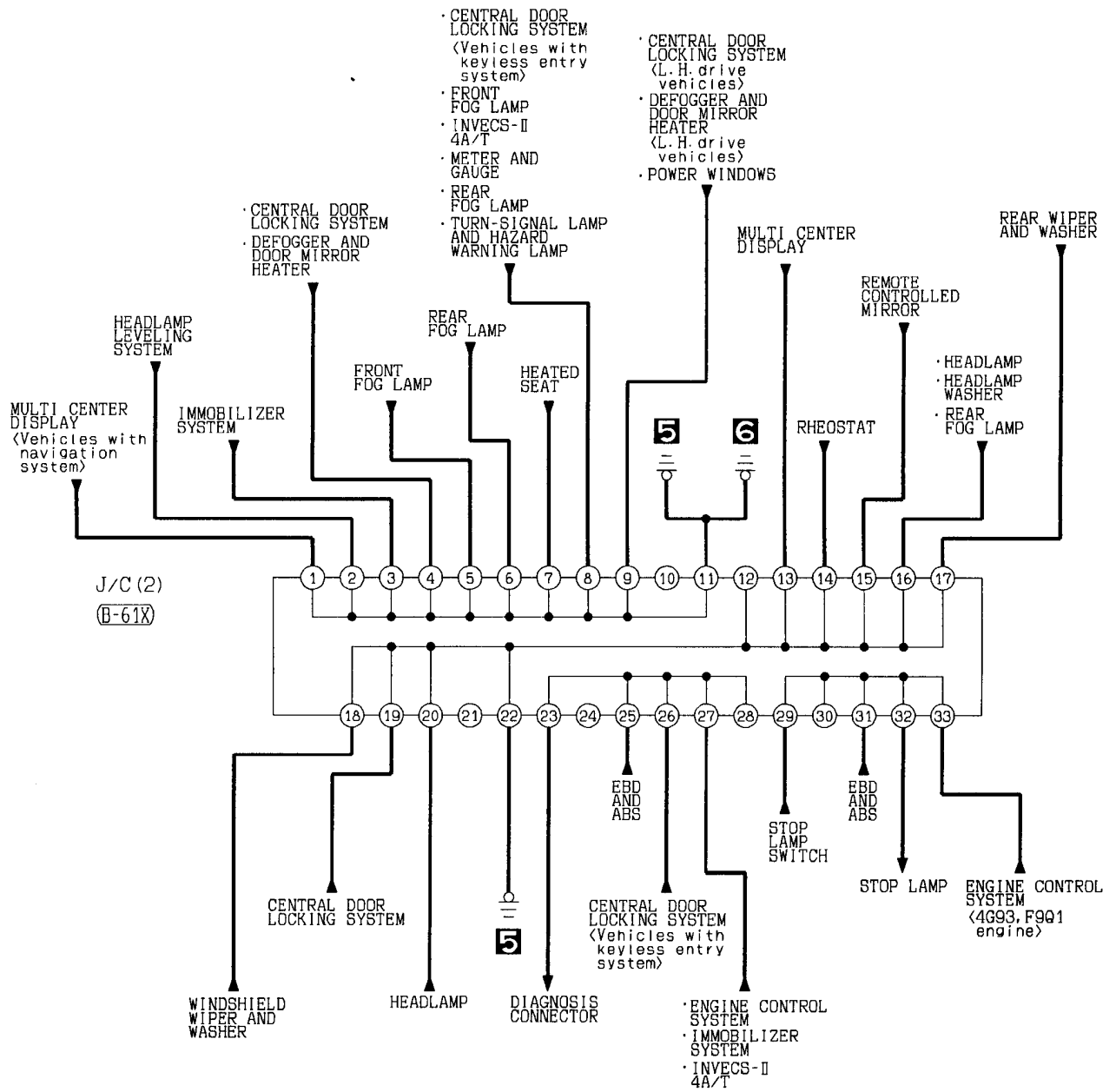


(B-60X)

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-61X)

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

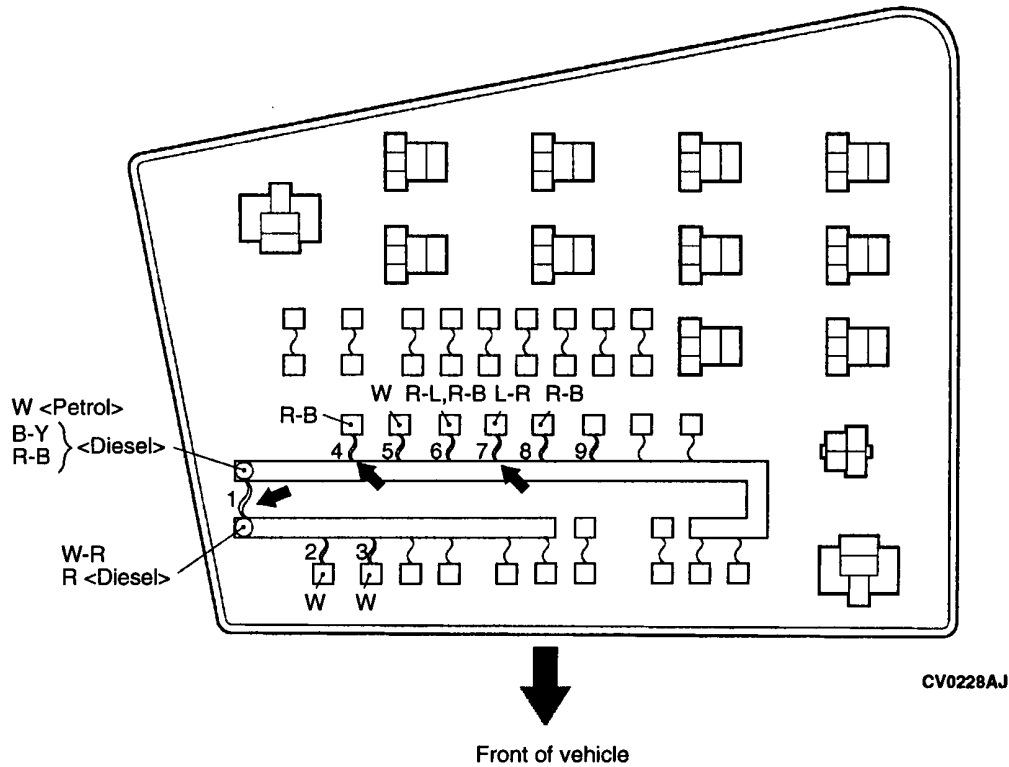


CENTRALIZED JUNCTION

FUSIBLE LINK

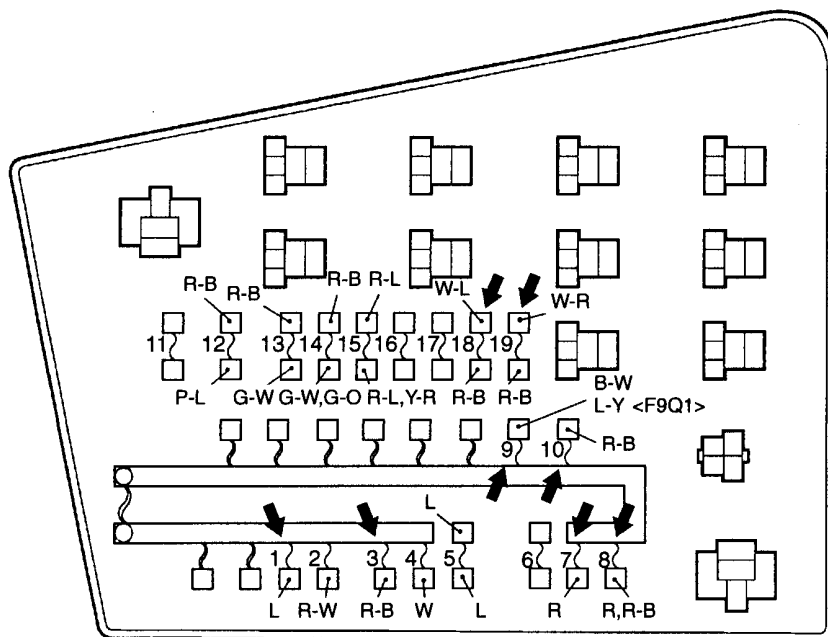
No.	Circuit	Housing colour	Rated capacity (A)
1	Fusible links No. 2, 3 and dedicated fuses No. 1, 2, 3, 4 circuit <When the engine stopped> Fusible links No. 4, 5, 6, 7, 8, dedicated fuses No. 7, 8, 9, 10, charging system <Petrol> and engine control system <F9Q1> circuit <After start of the engine>	Blue	100 <Petrol>
		White	120 <Diesel>
4	EBD and ABS circuit	Red	50
7	Cooling system and manual air conditioner circuit	Pink	30 <Petrol>
		Green	40 <Diesel>

(Relay box in engine compartment)



DEDICATED FUSE

Power supply circuit	No.	Rated capacity (A)	Housing colour	Circuit
Battery/Alternator (Fusible link No. 1)	1	20 <4G13>	Yellow	Condenser fan circuit
		30 <F9Q1>	Green	
	3	10	Red	Audio unit power supply, door warning lamp, engine-A/T-ECU power supply, engine-ECU power supply <4G13>, front fog lamp, luggage compartment lamp, map lamp, multi center display power supply, MUT-II power supply, navigation unit power supply, rear fog lamp and room lamp circuit
	7	20	Yellow	Fuel line heater circuit
	8	10	Red	Charging <4G13, 4G93> and hazard warning lamp circuit
	9	20	Yellow	Cooling system <4G93>, engine-A/T-ECU power supply, engine-ECU power supply and immobilizer-ECU power supply circuit
	10	15	Blue	EBD and ABS, engine control system <4G93, F9Q1>, INVECS-II 4A/T and stop lamp circuit
	18	30	Green	Engine control system <F9Q1>
	19	30	Green	Engine control system <F9Q1>



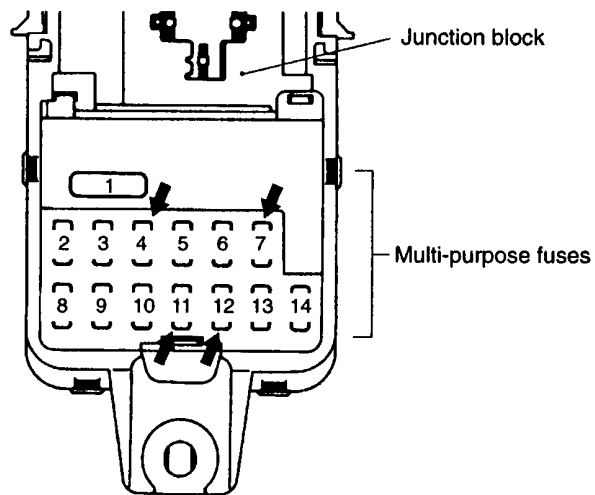
DV0228AJ



Front of vehicle

MULTI-PURPOSE FUSE

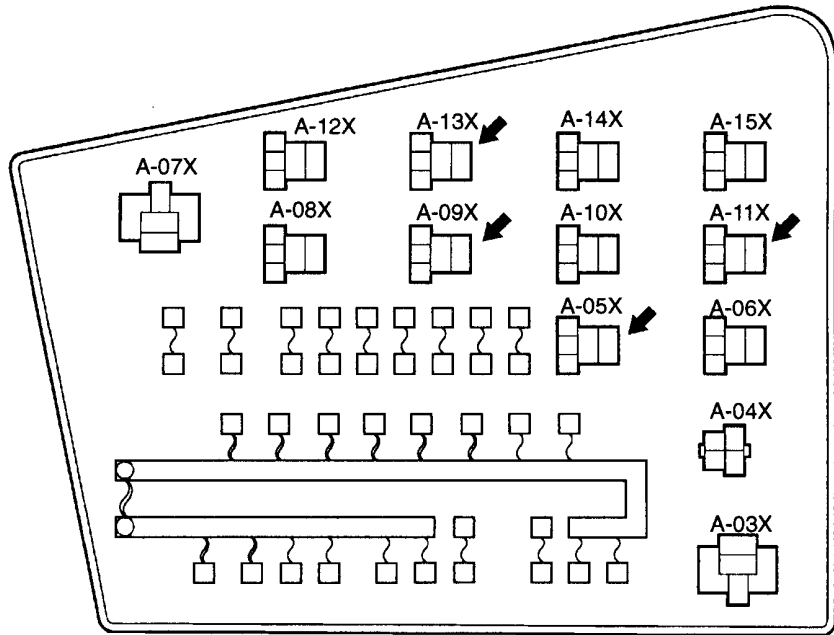
Power supply circuit		No.	Rated capacity (A)	Housing colour	Load circuit
Ignition switch	IG1	4	10	Red	Alternator relay, back-up lamp, engine-A/T-ECU, SRS-ECU and vehicle speed sensor <Diesel>
		7	10	Red	Buzzer ass'y, combination meter, engine-A/T-ECU, input shaft speed sensor, multi center display, output shaft speed sensor and vehicle speed sensor <Petrol>
		11	10	Red	Hazard warning lamp, immobilizer-ECU <Diesel> and SRS-ECU
	IG2	12	15	Blue	A/C compressor relay <4G13, 4G93>, blower relay, condenser fan relay <4G13>, DRL-ECU, defogger relay, fuel line heater relay, headlamp washer relay, outside/inside air selection damper control motor, radiator fan relay <4G13> and sunroof-ECU



C16U0141

CENTRALIZED RELAY

Connector No.	Name	Connector No.	Name
A-05X	Condenser fan relay (LO) <F9Q1>	A-11X	Fuel line heater relay <F9Q1>
A-09X	Additional heater relay 1 <F9Q1>, condenser fan relay (LO) <4G13>	A-13X	Additional heater relay 2 <F9Q1>

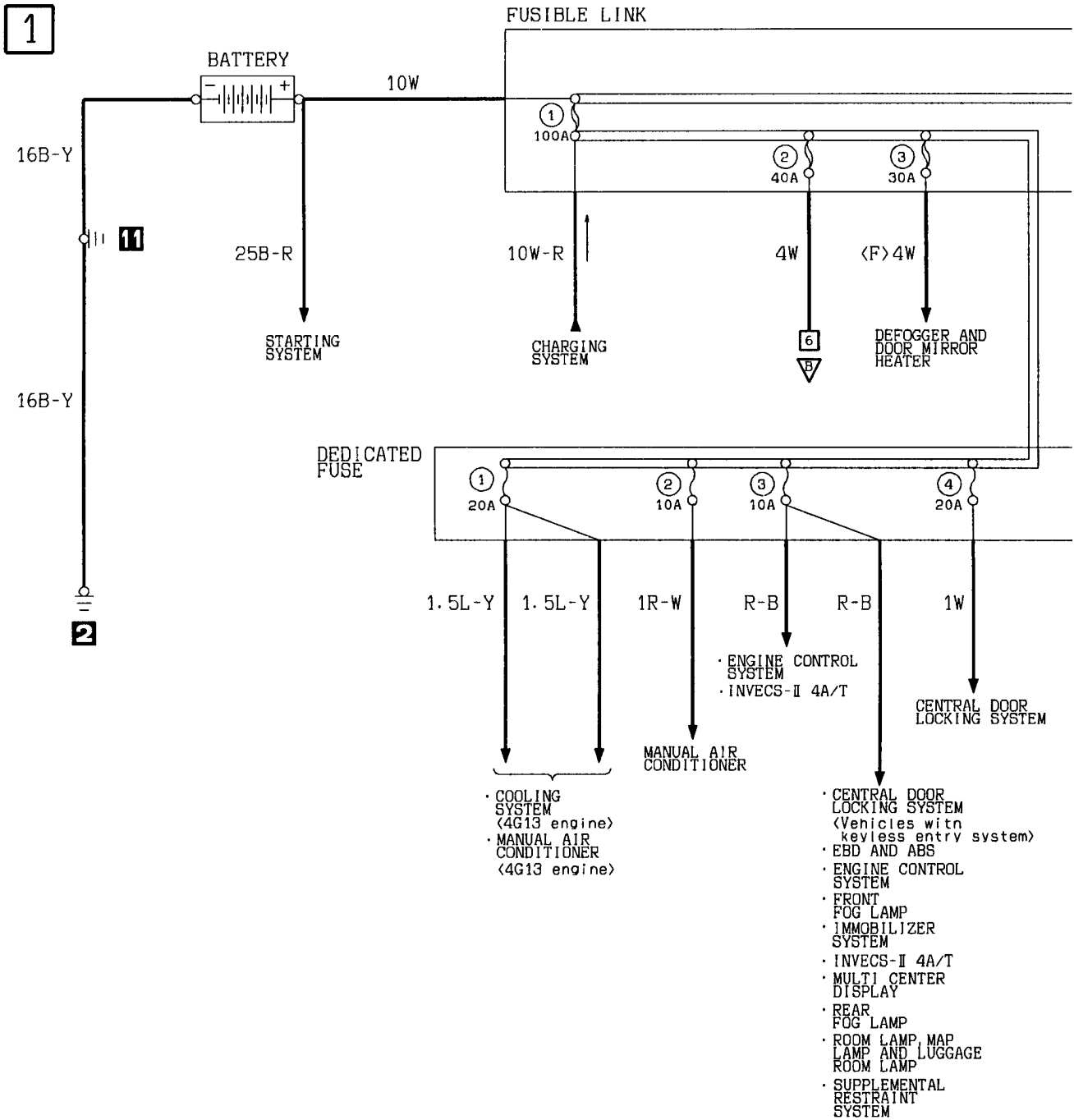


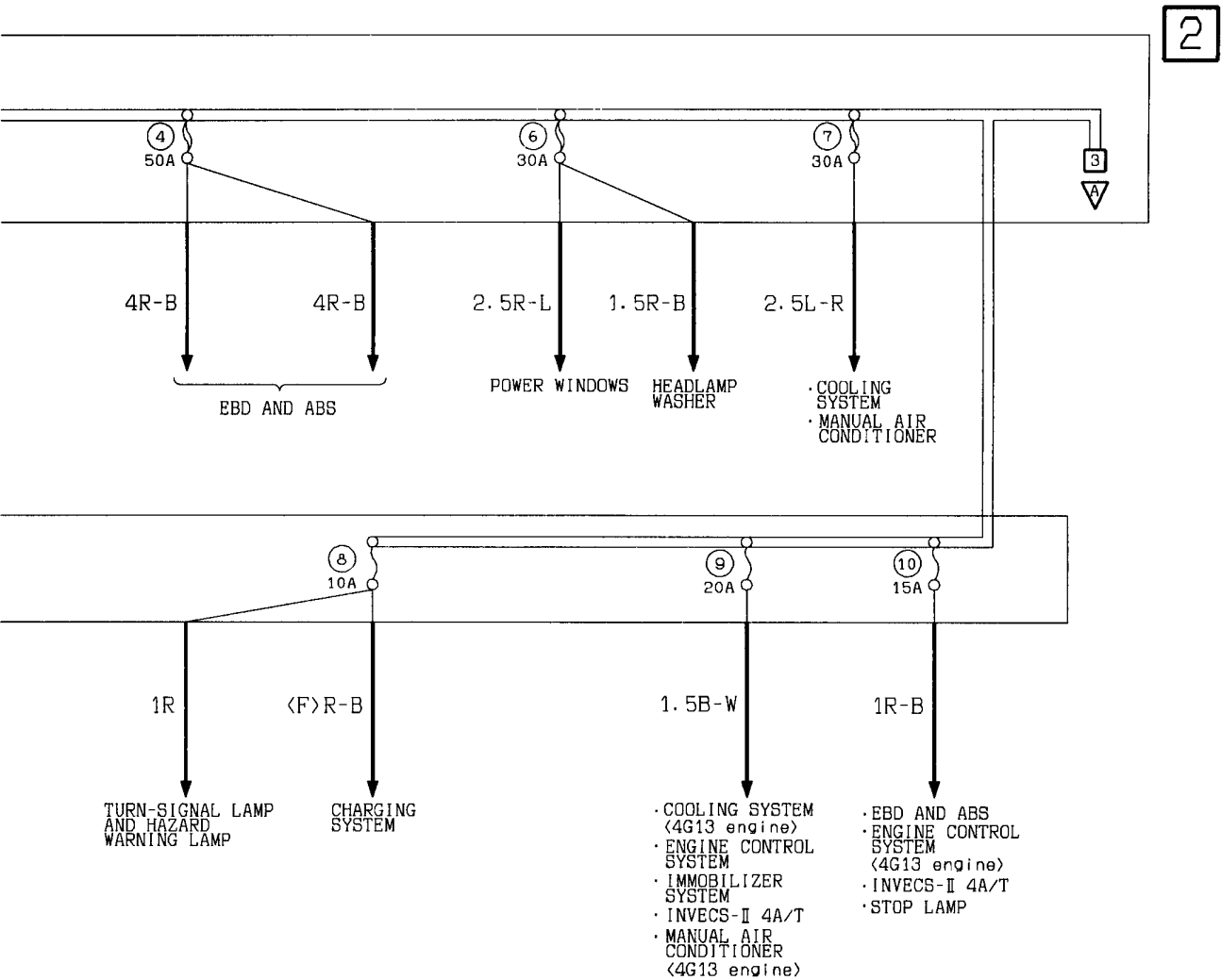
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Front of vehicle

POWER DISTRIBUTION SYSTEM

Petrol-powered vehicles

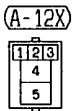
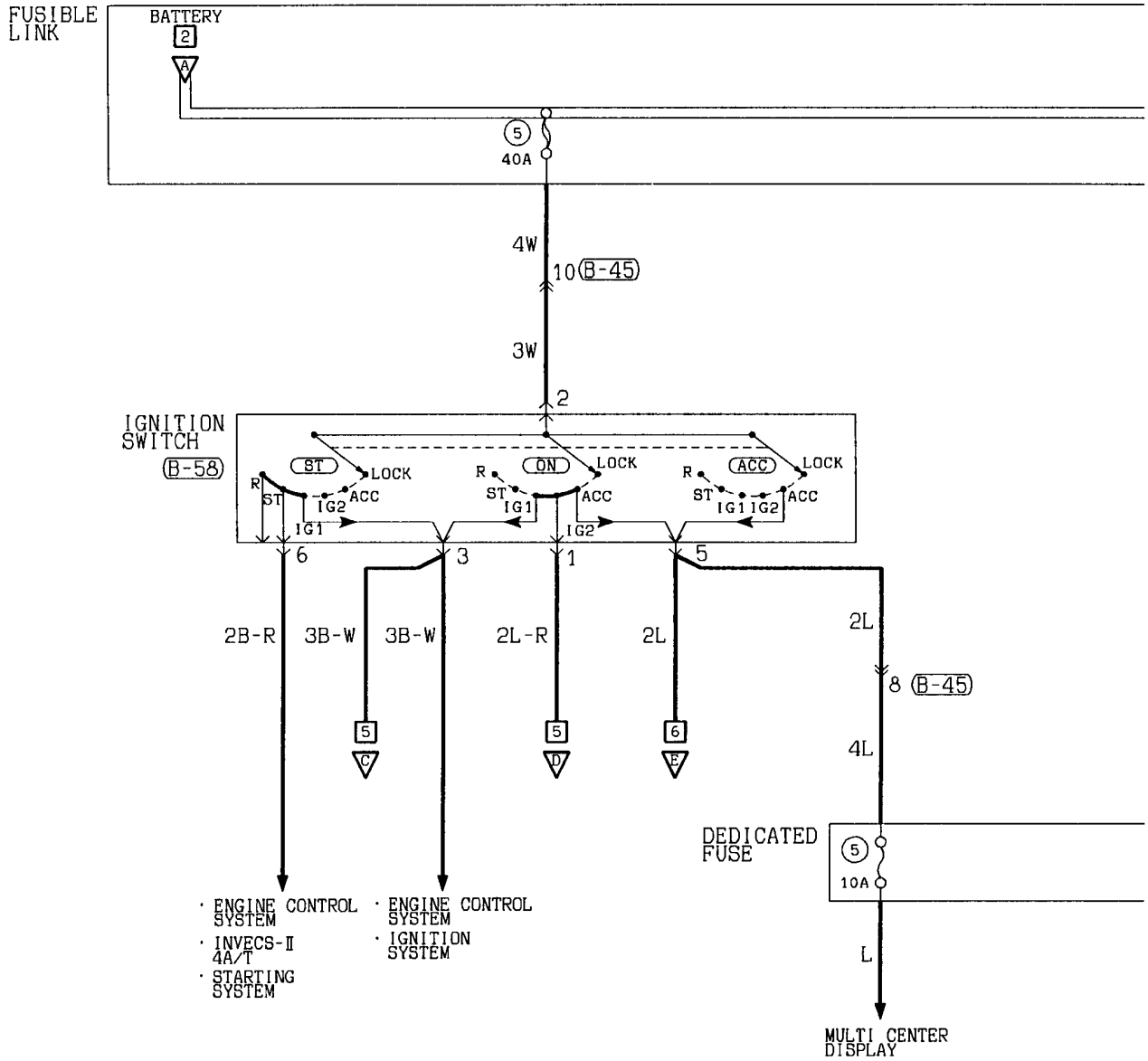




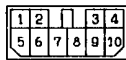
Wire colour code
 B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

POWER DISTRIBUTION SYSTEM <Petrol-powered vehicles> (CONTINUED)

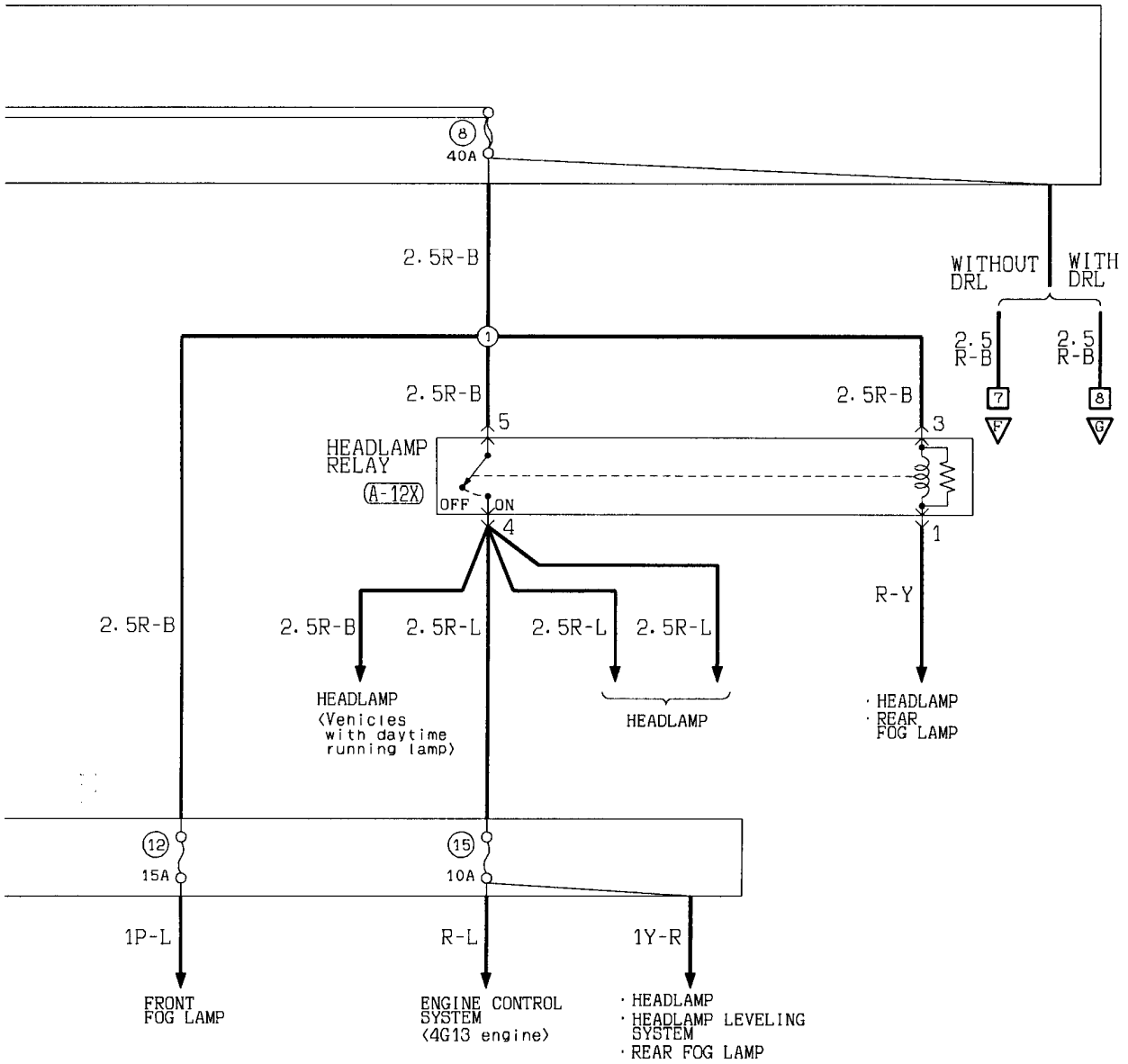
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(B-45)
MU601335

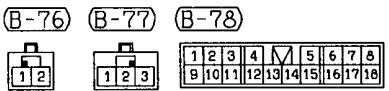
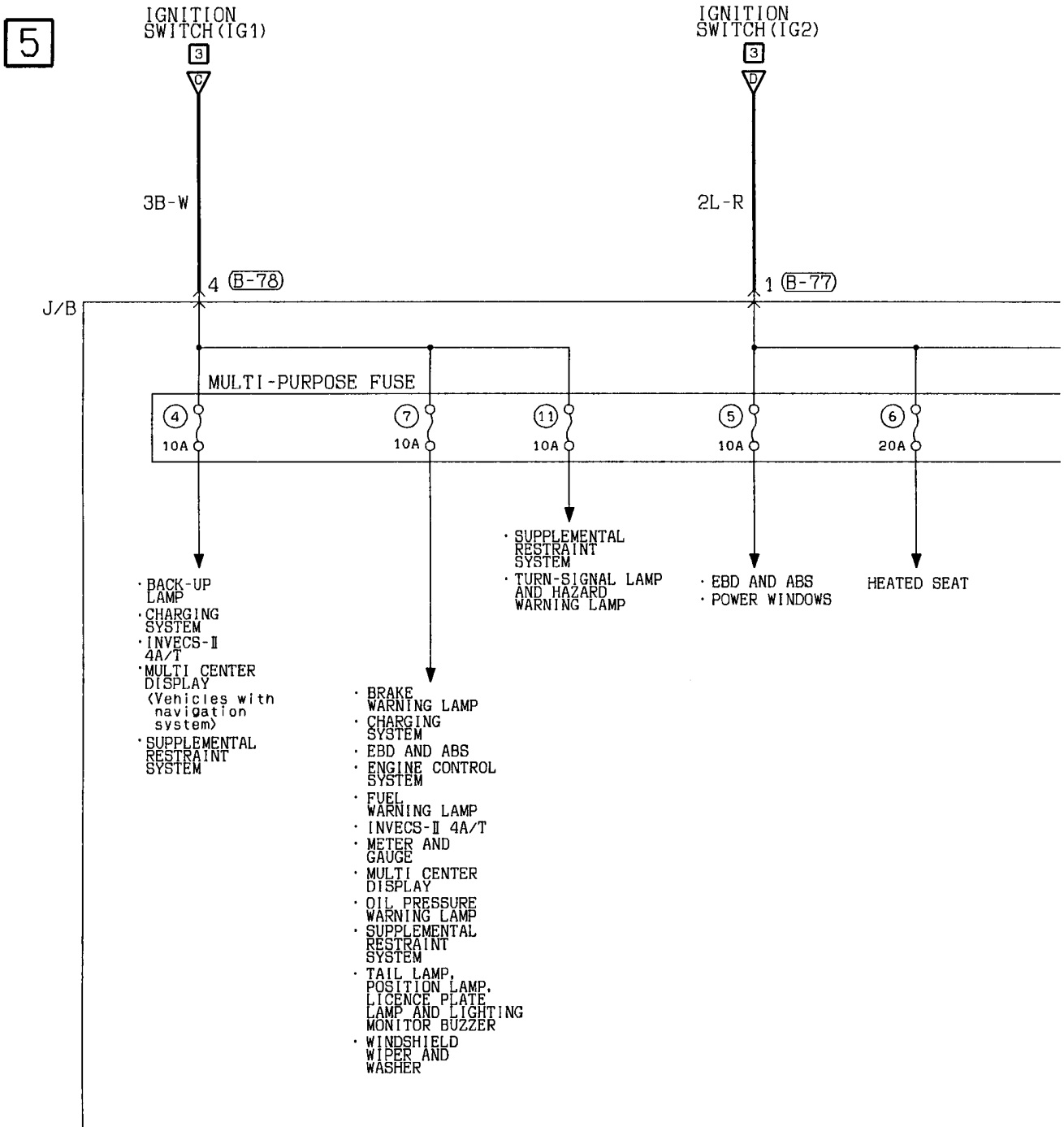


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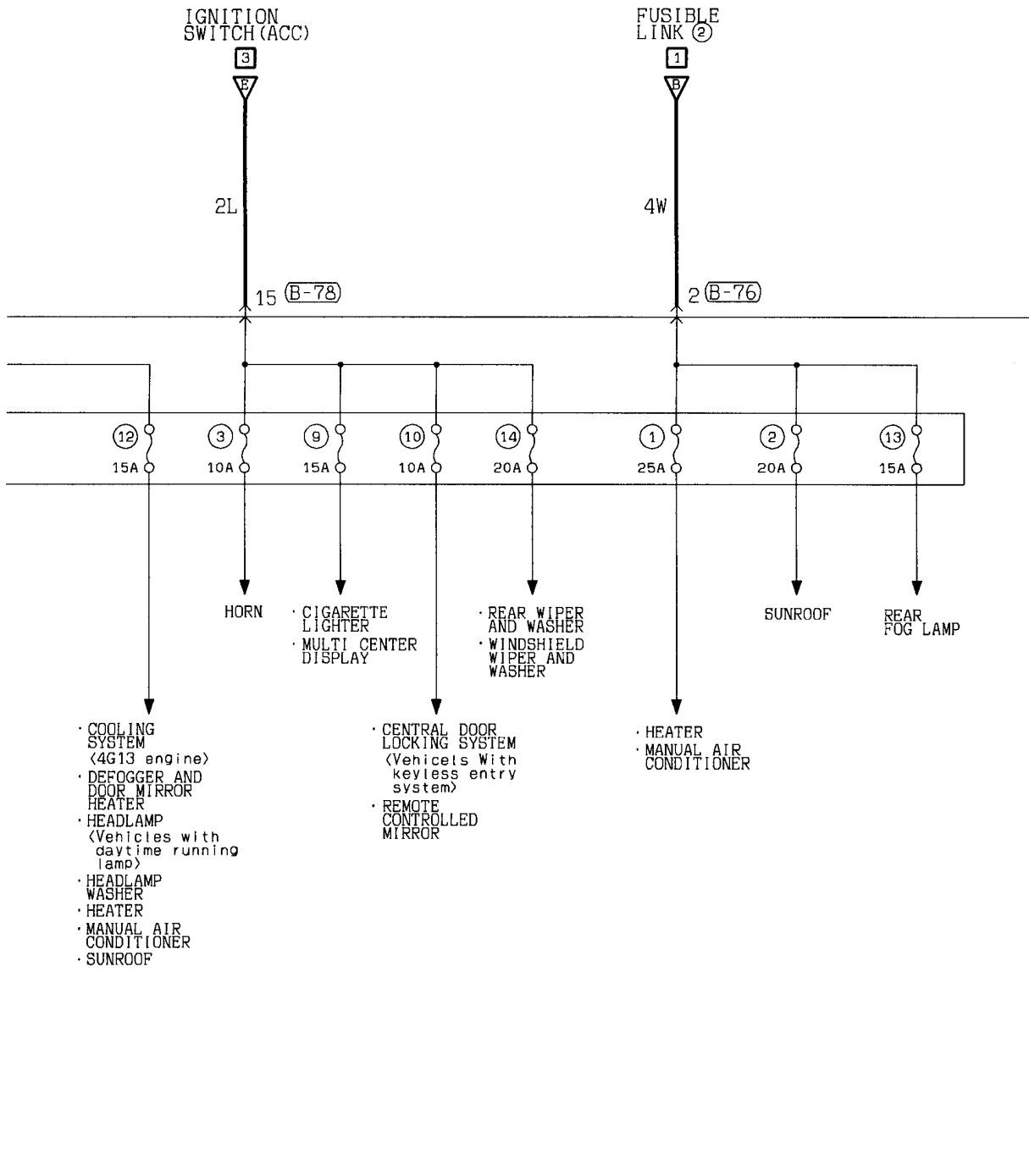


Wire colour code
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POWER DISTRIBUTION SYSTEM <Petrol-powered vehicles> (CONTINUED)



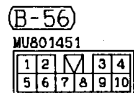
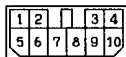
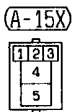
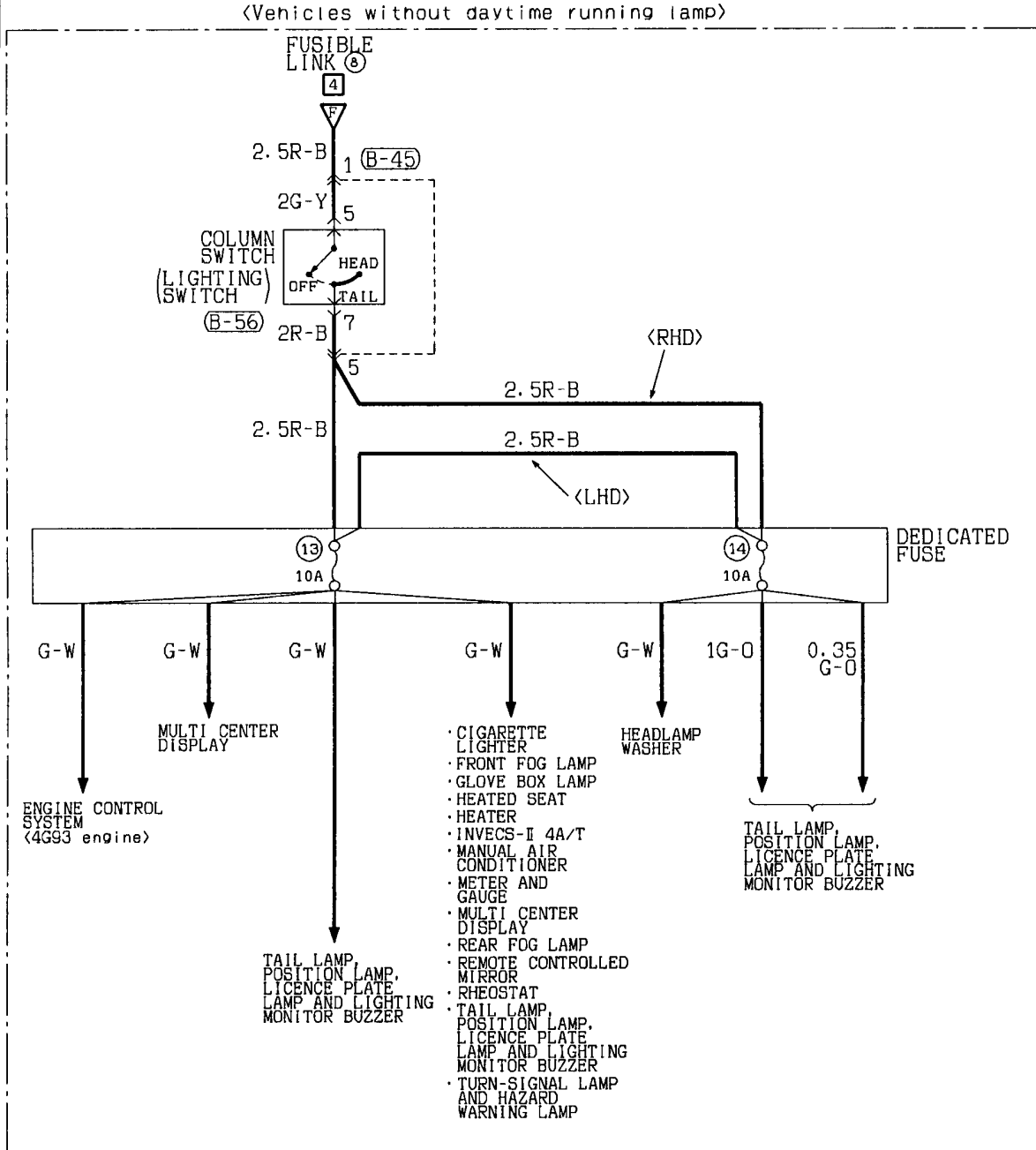
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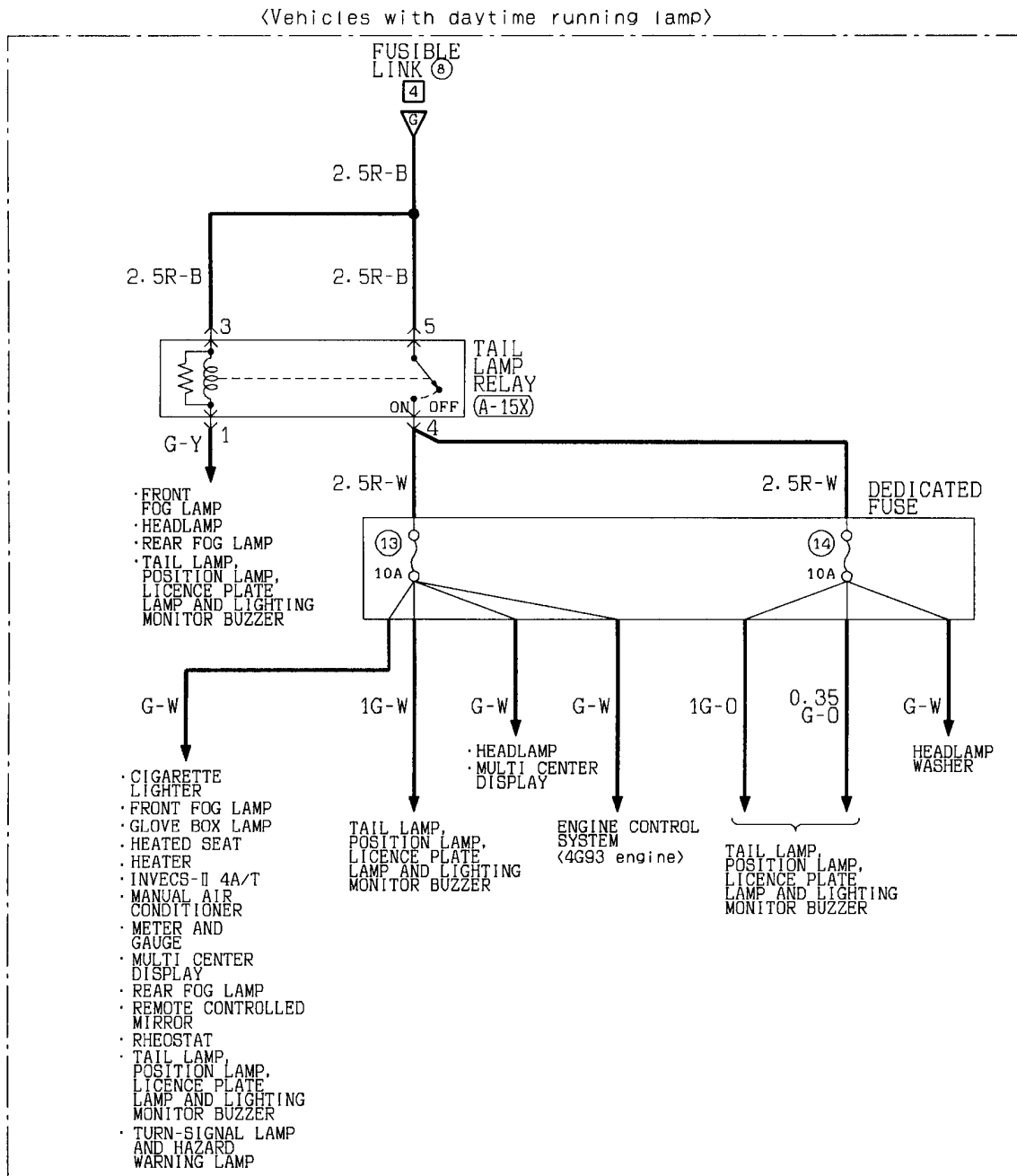
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POWER DISTRIBUTION SYSTEM <Petrol-powered vehicles> (CONTINUED)

7



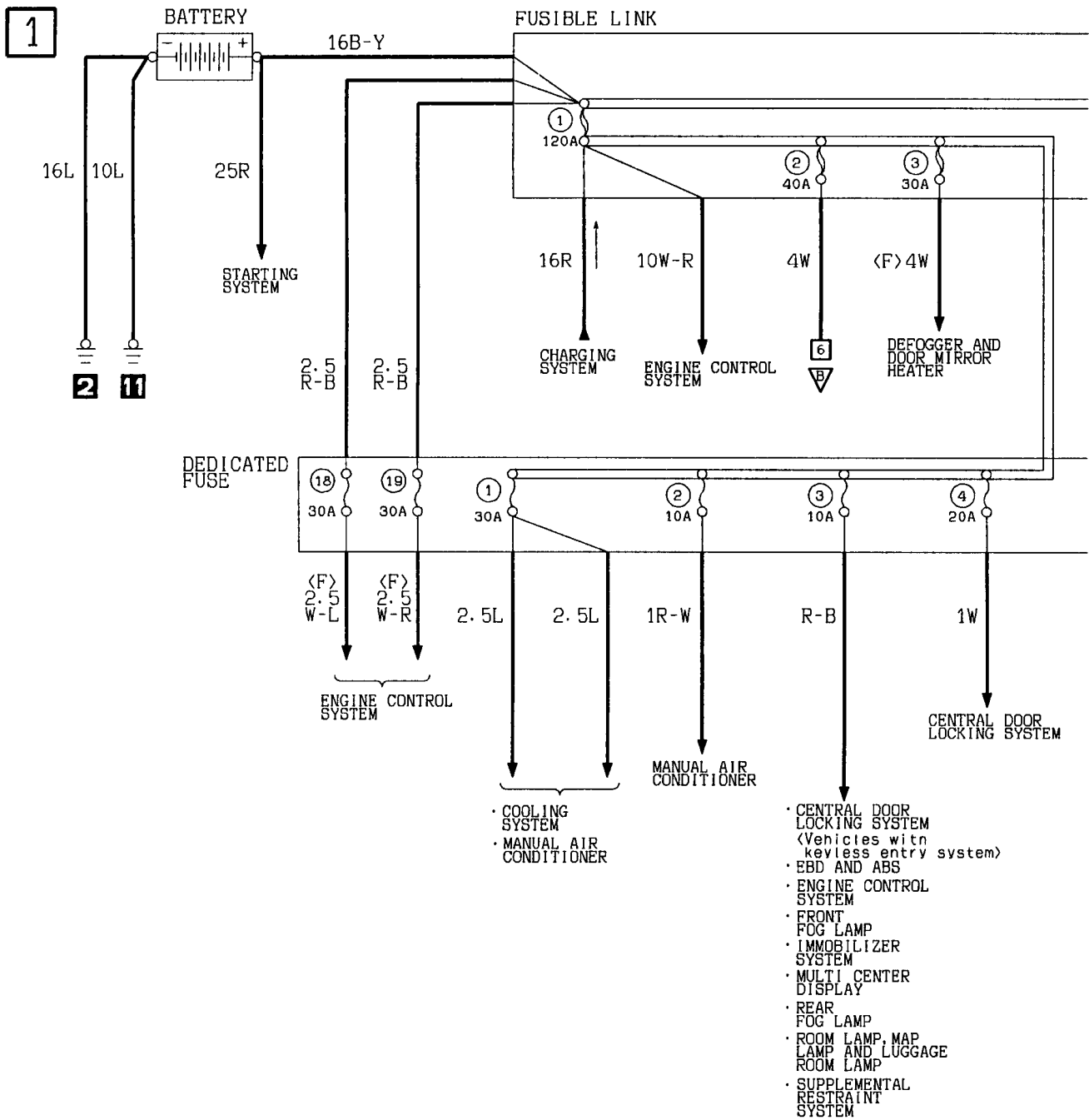
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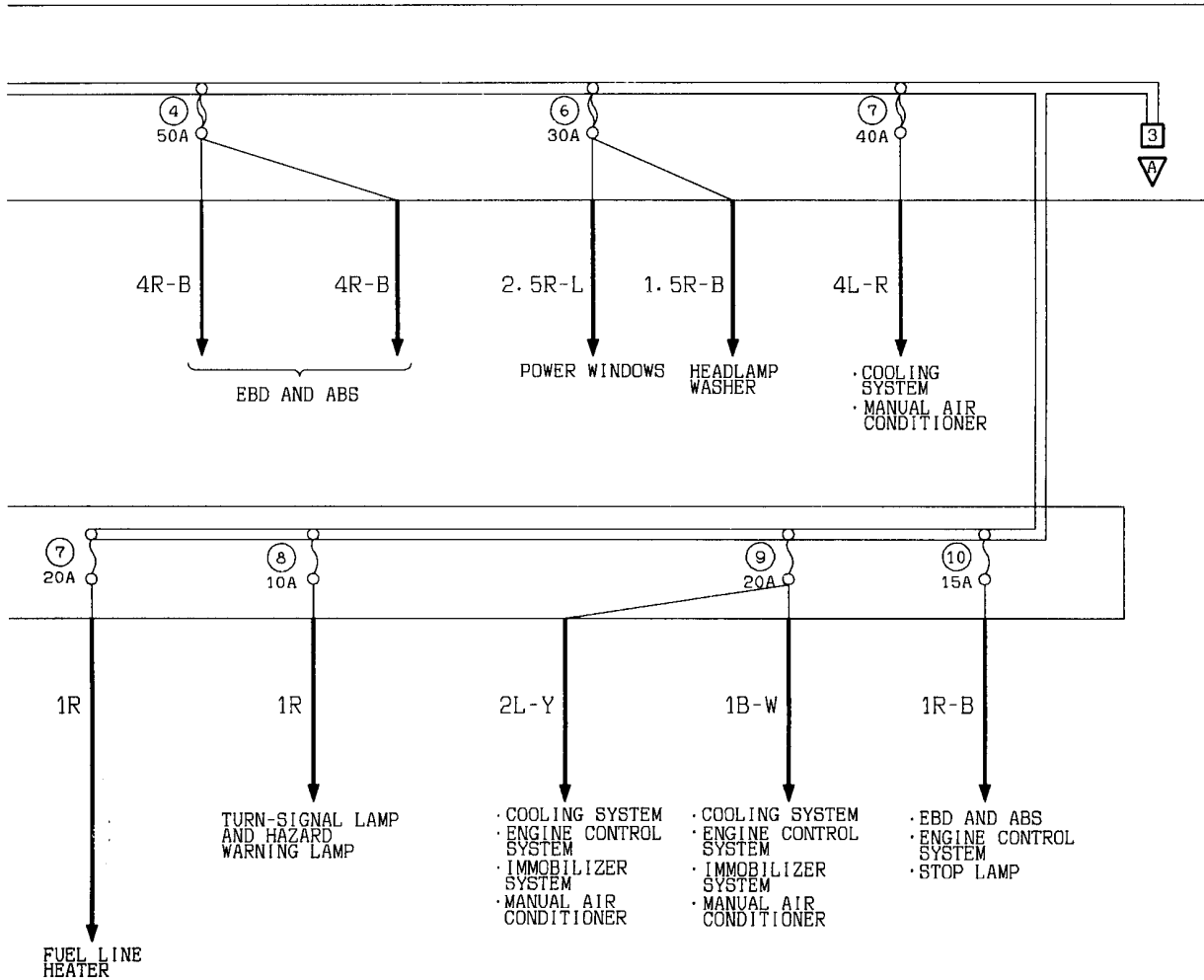
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 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

POWER DISTRIBUTION SYSTEM

Diesel-powered vehicles



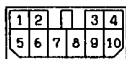
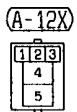
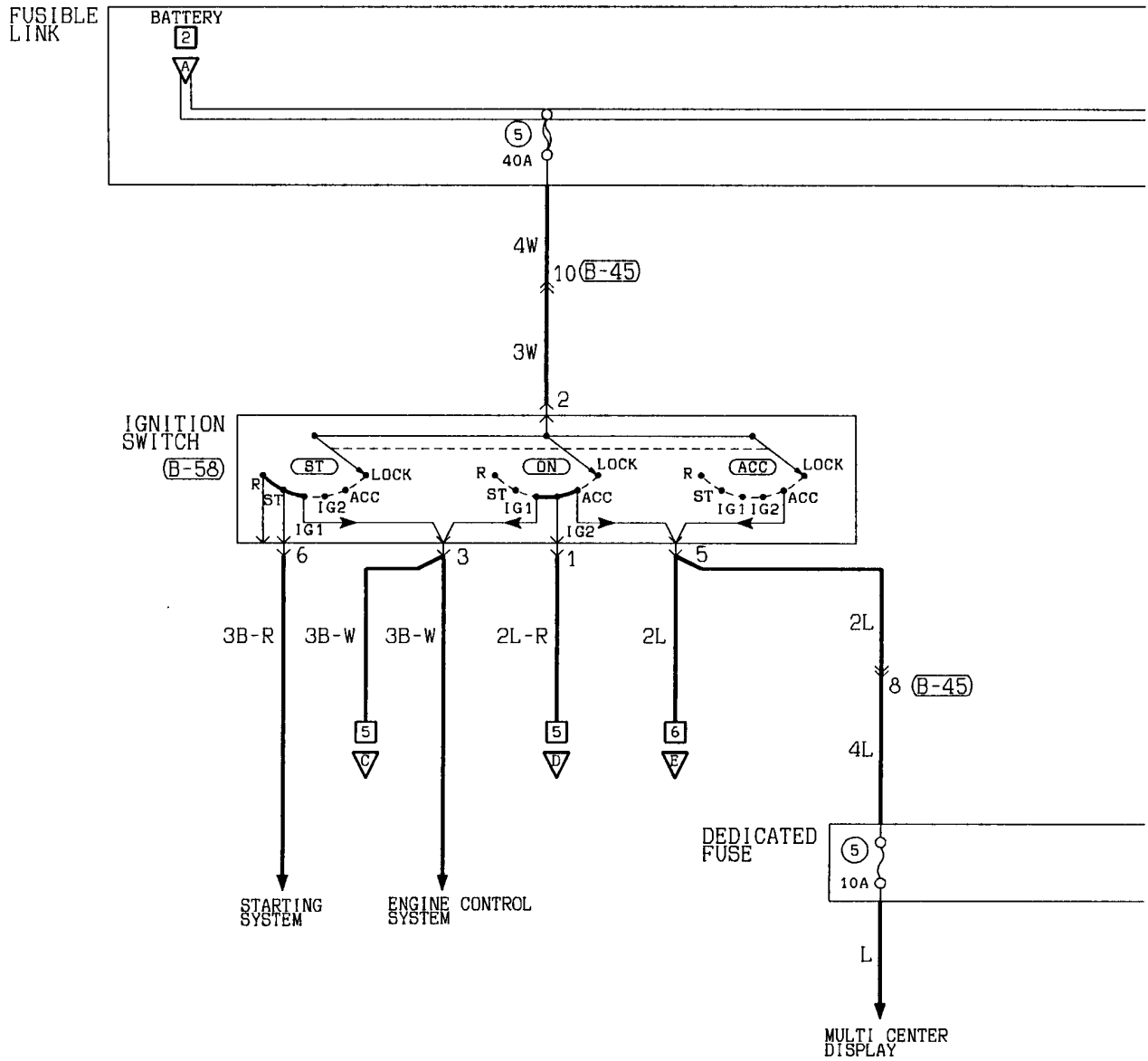
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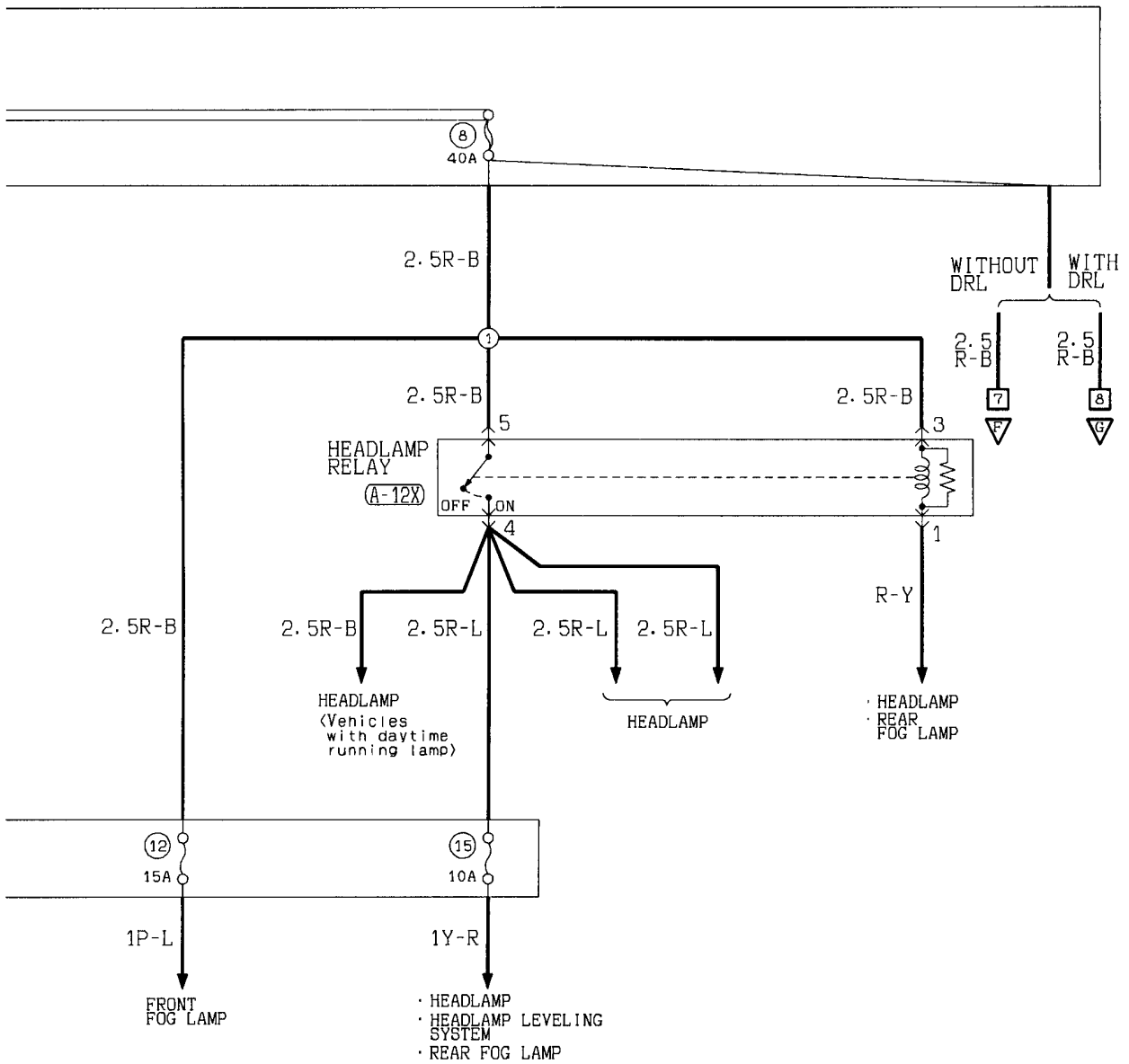
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POWER DISTRIBUTION SYSTEM <Diesel-powered vehicles> (CONTINUED)

3

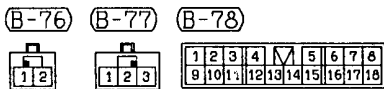
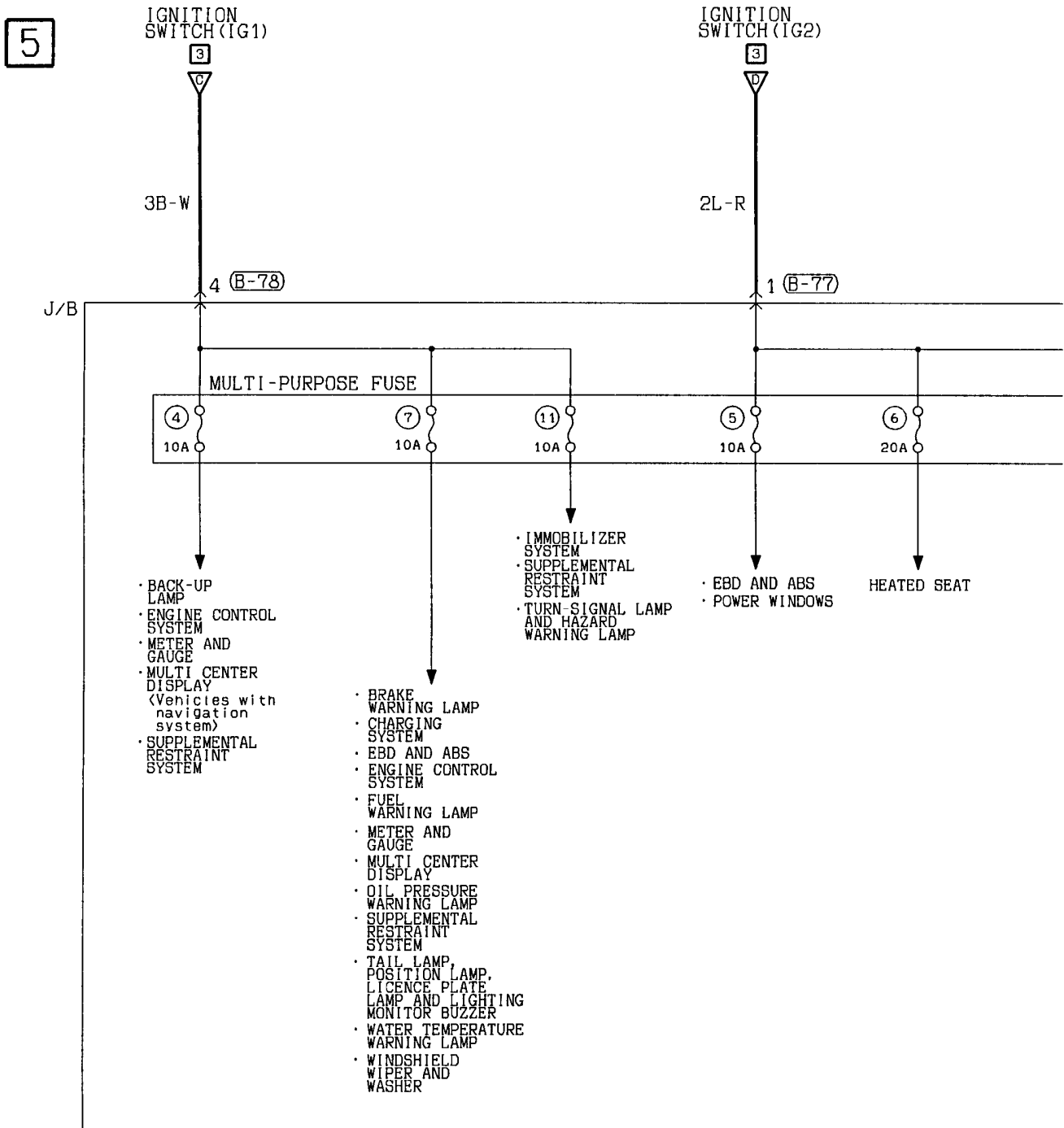


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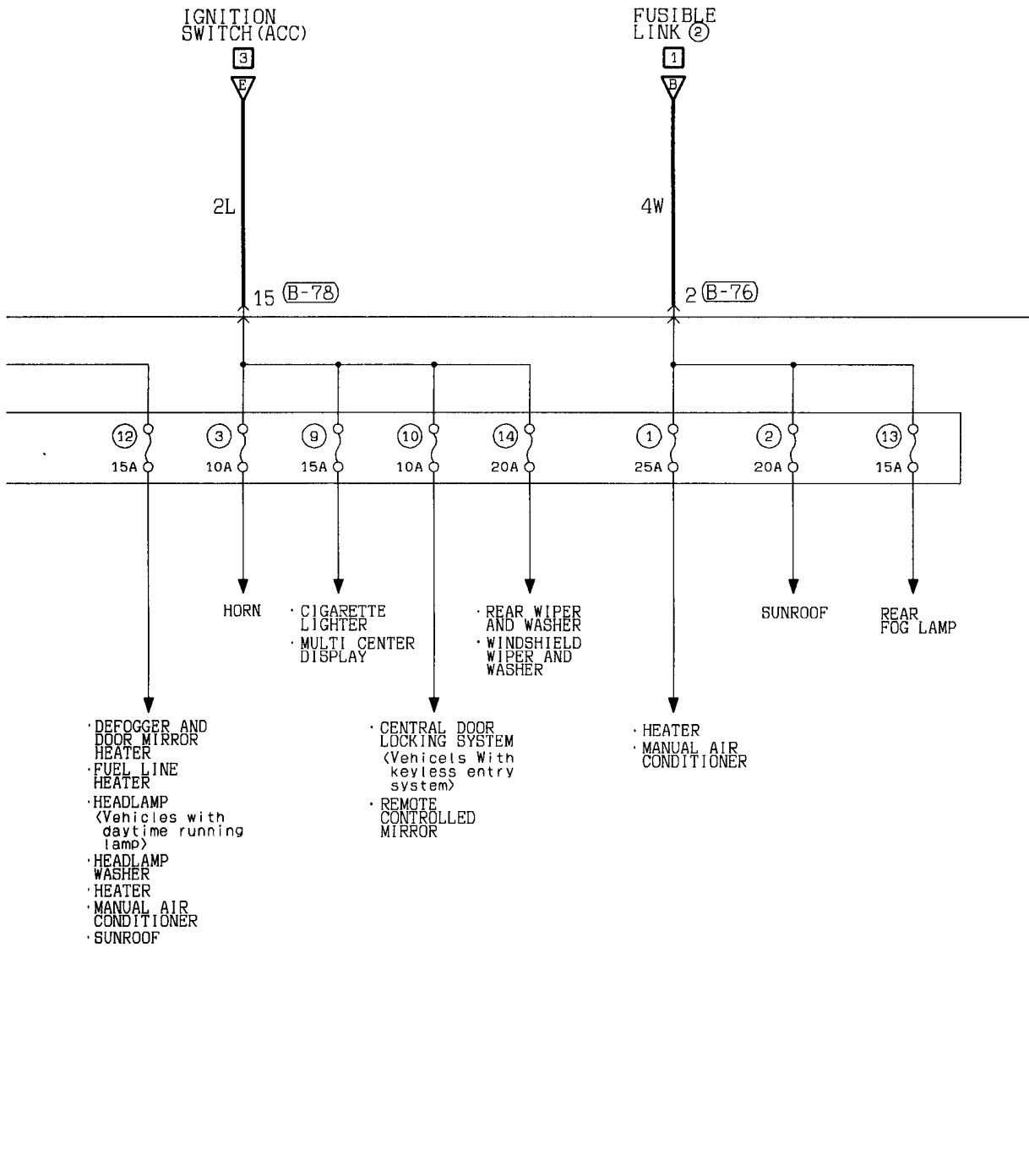


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POWER DISTRIBUTION SYSTEM <Diesel-powered vehicles> (CONTINUED)



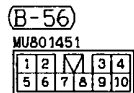
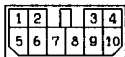
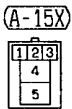
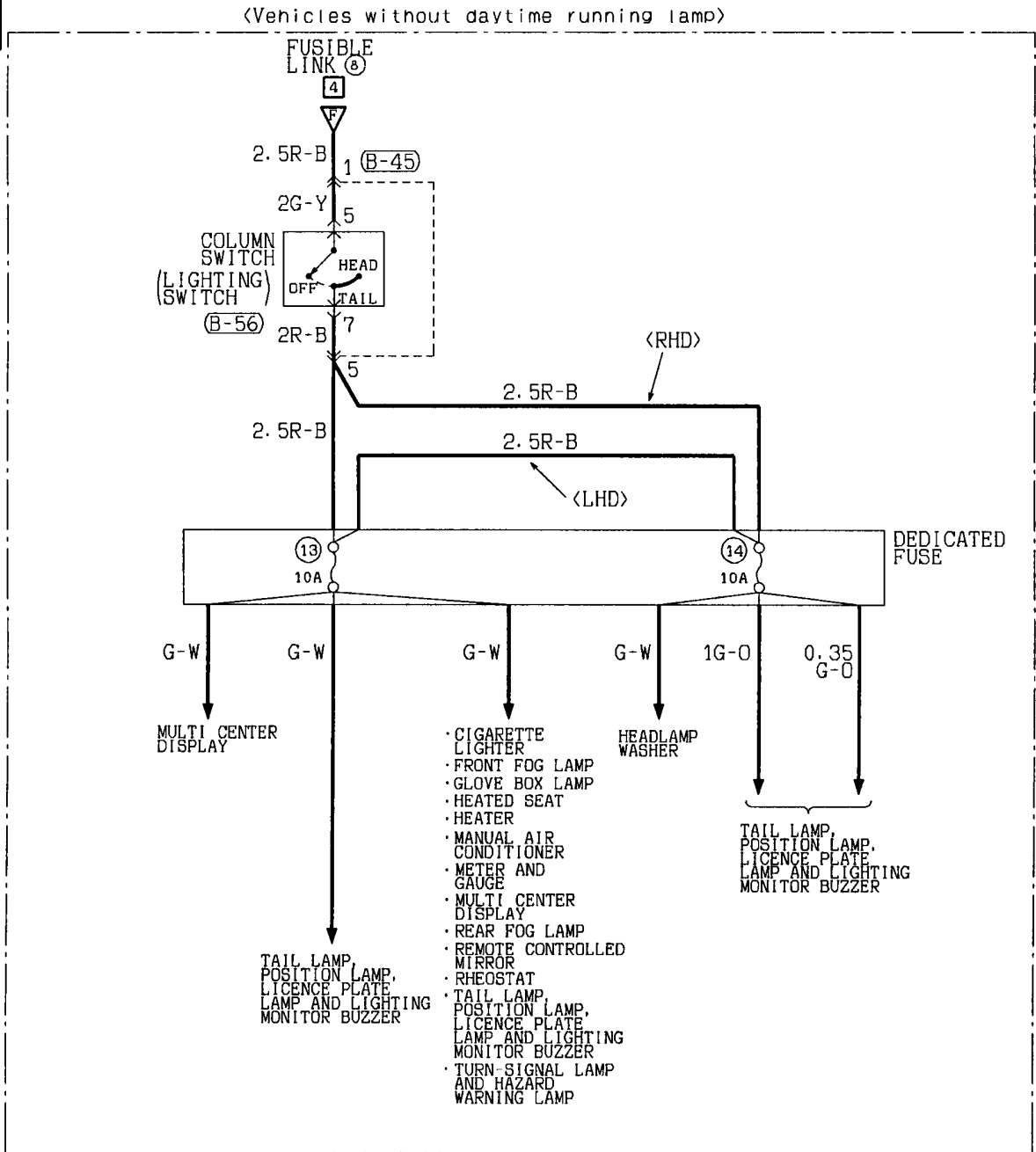
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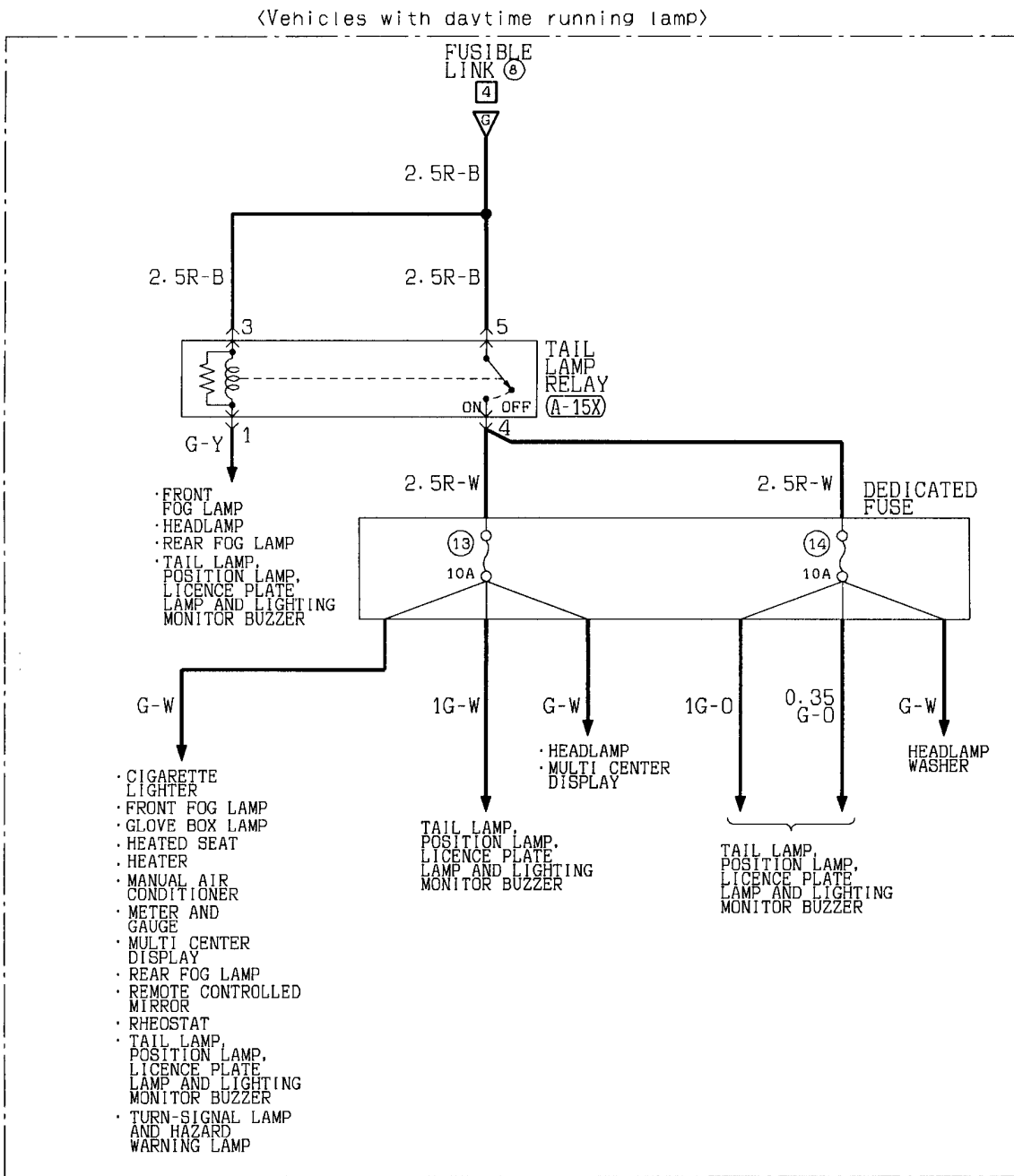


Wire colour code
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 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

POWER DISTRIBUTION SYSTEM <Diesel-powered vehicles> (CONTINUED)

7



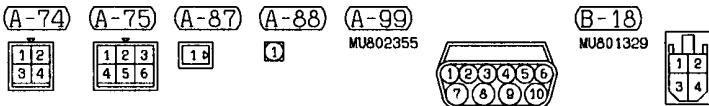
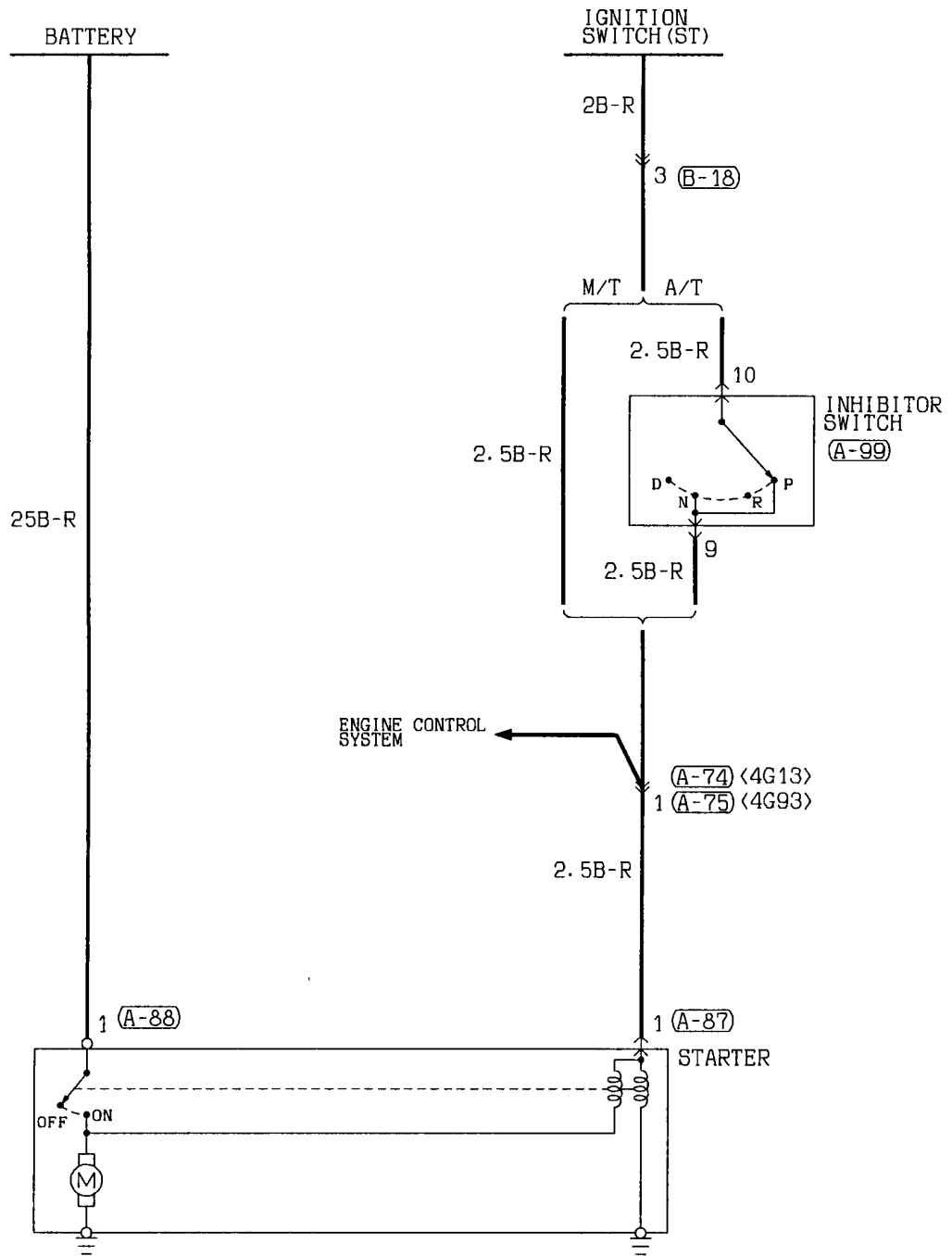


Wire colour code
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 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

STARTING SYSTEM

Petrol-powered vehicles

1

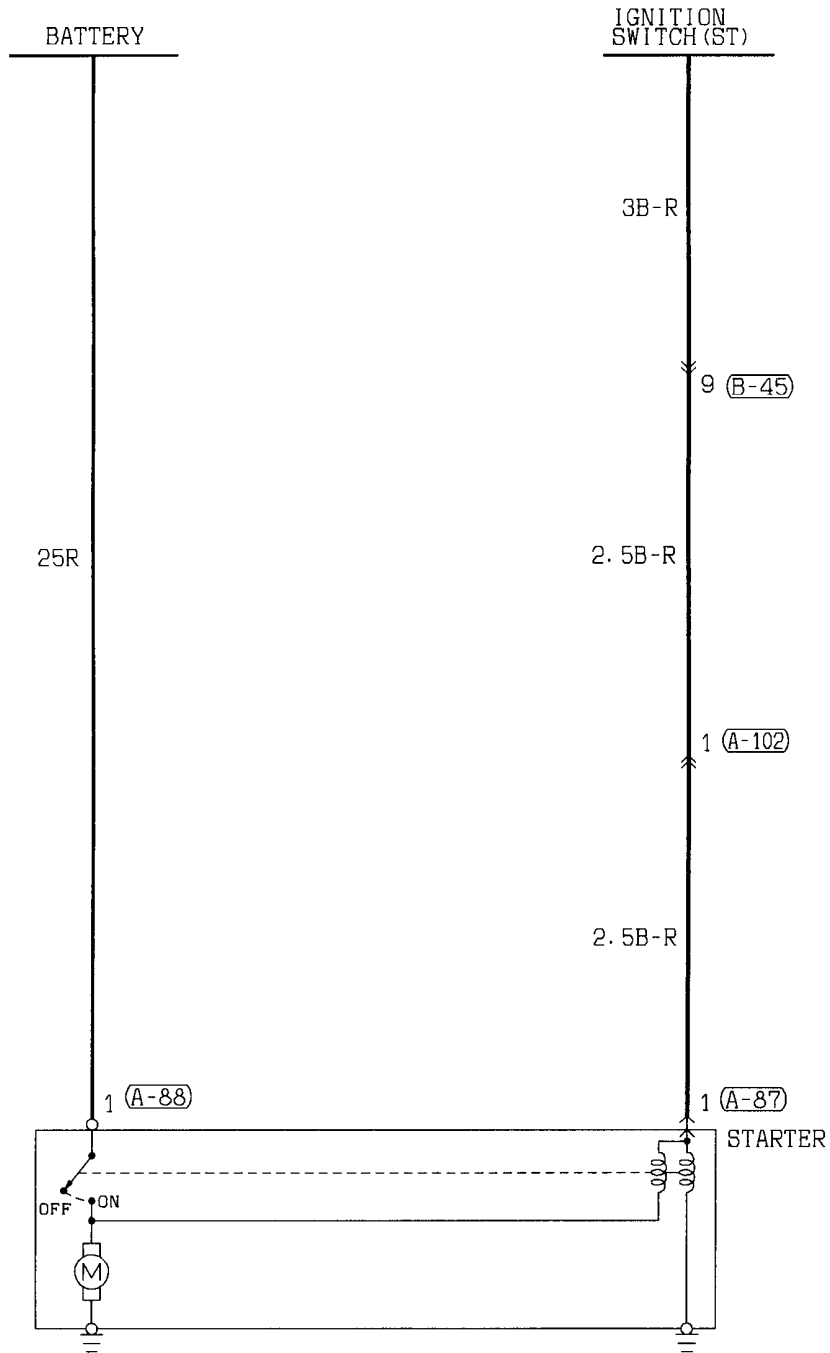


Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

STARTING SYSTEM

Diesel-powered vehicles

1



(A-87) (A-88) (A-102) (B-45)
 1 1 1 1
 5 6 7 8 9 10

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

STARTING SYSTEM (See P. 4-26, 27.)**OPERATION**

When the ignition switch is turned to the ST position, the starter contacts (magnet switch) turns ON and the starter motor starts turning over.

TROUBLESHOOTING HINTS

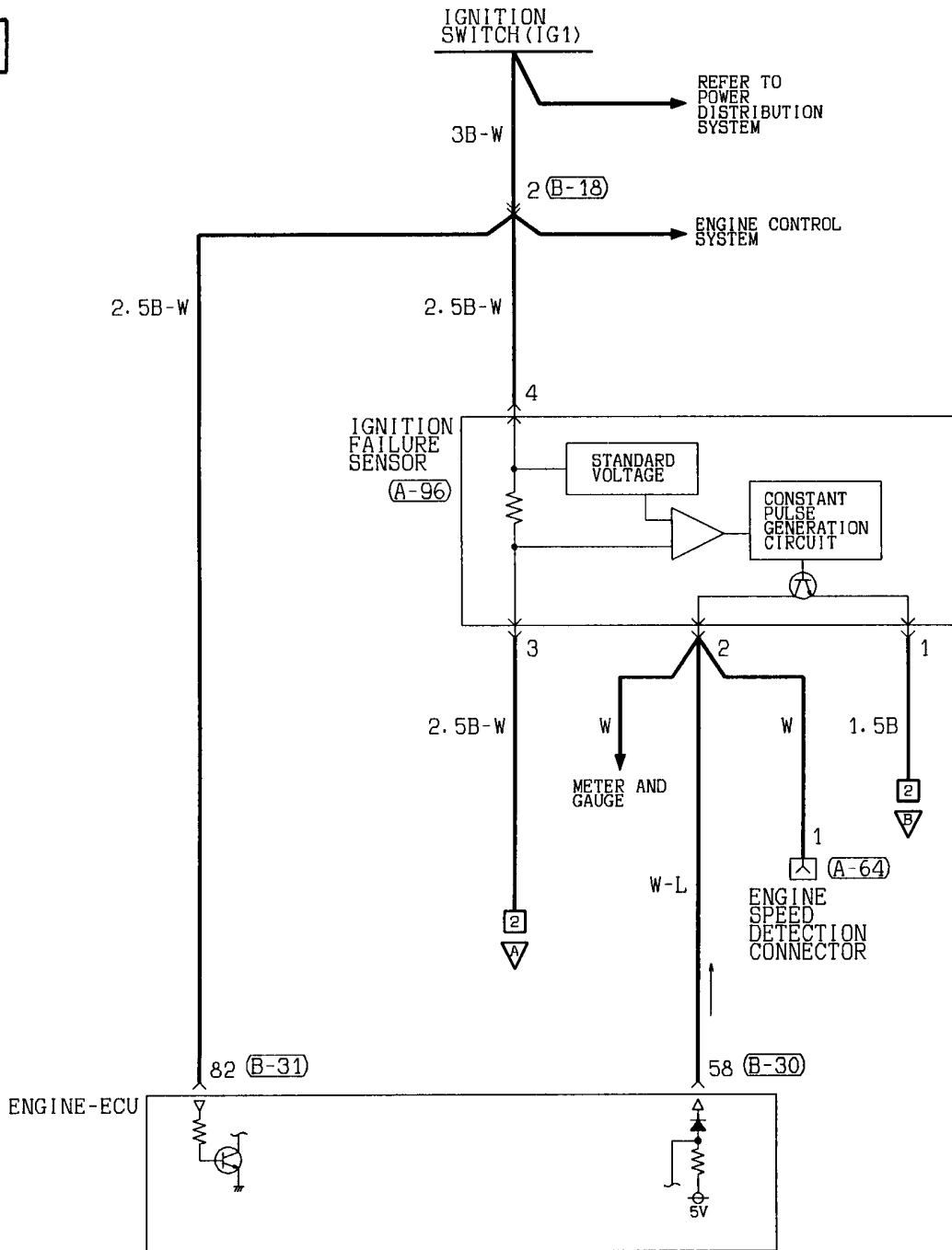
1. Starter motor does not turn over at all.
 - Check starter (coil).
 - Check battery terminals for proper contact.
2. Starter motor does not stop rotating.
 - Check starter (magnet switch).

NOTES

IGNITION SYSTEM

4G13 engine

1



(A-64)

(A-89)

(A-91)

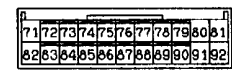
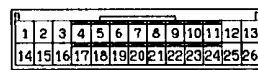
(A-96)

(B-18)

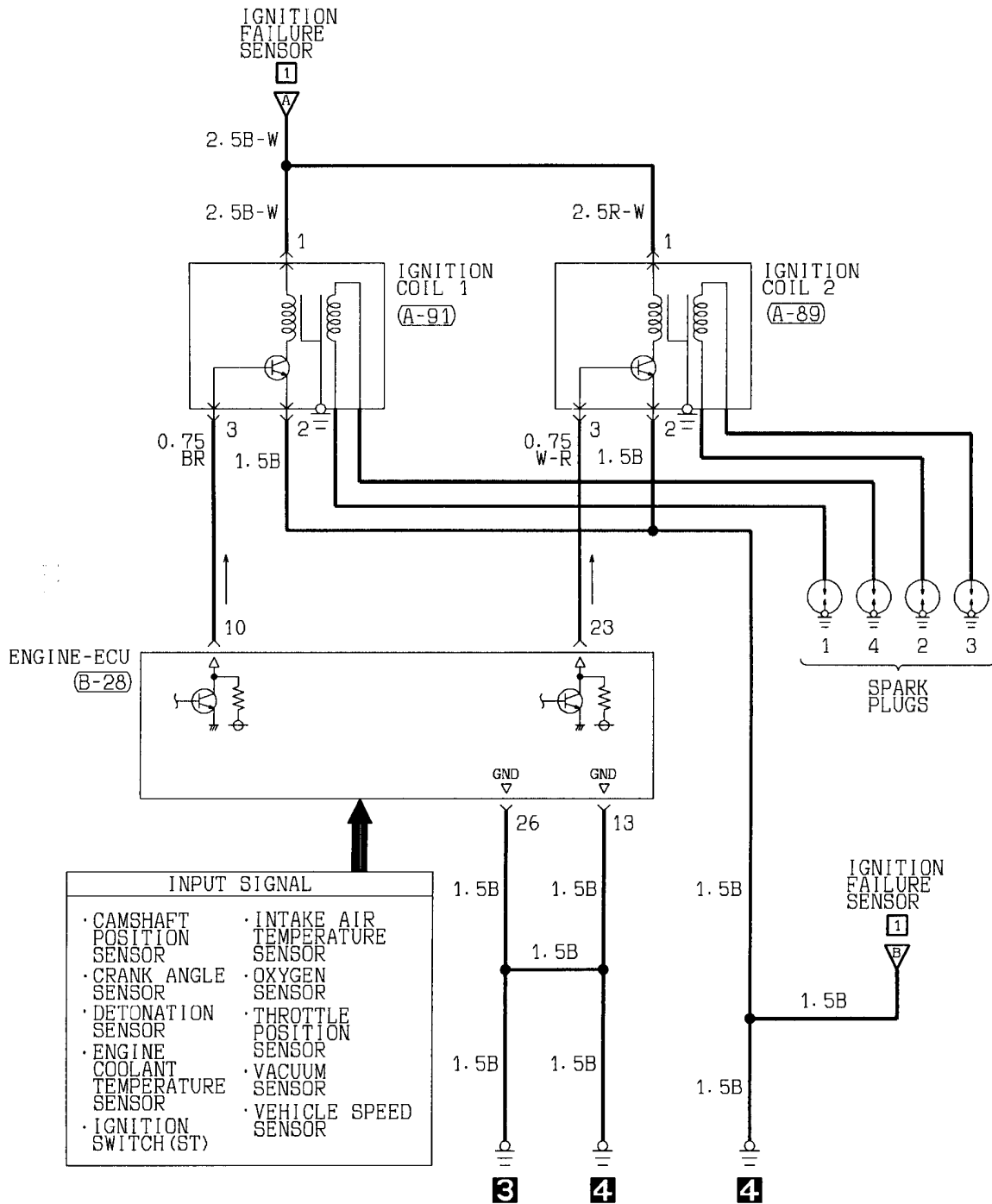
(B-28) (MU801824)

(B-30)

(B-31) (MU801823)



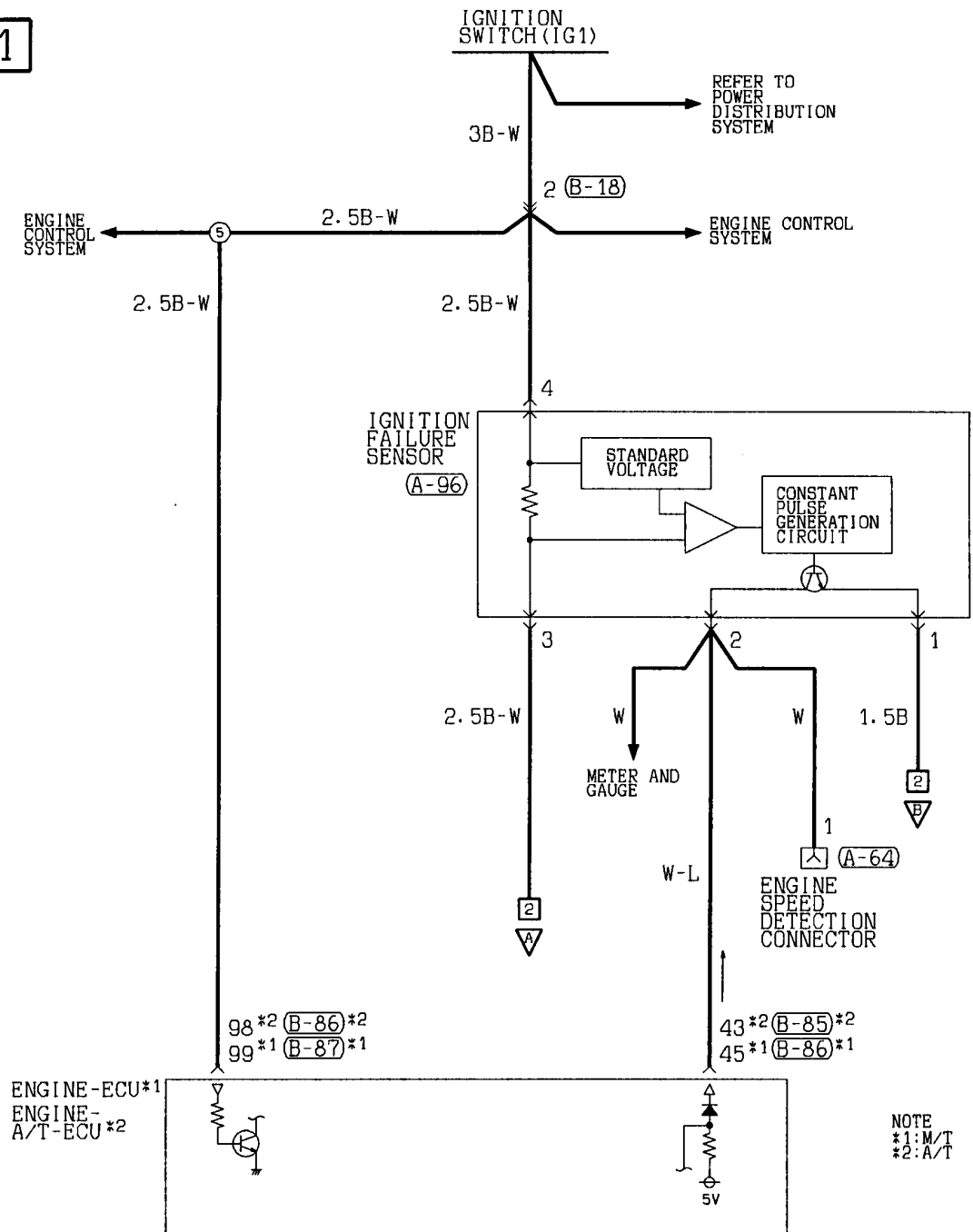
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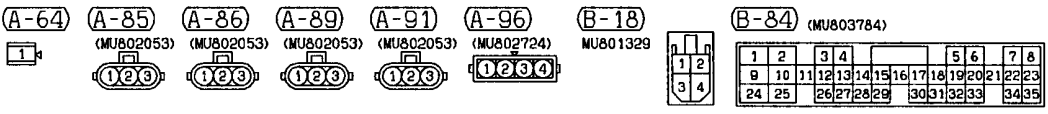
IGNITION SYSTEM

4G93 engine

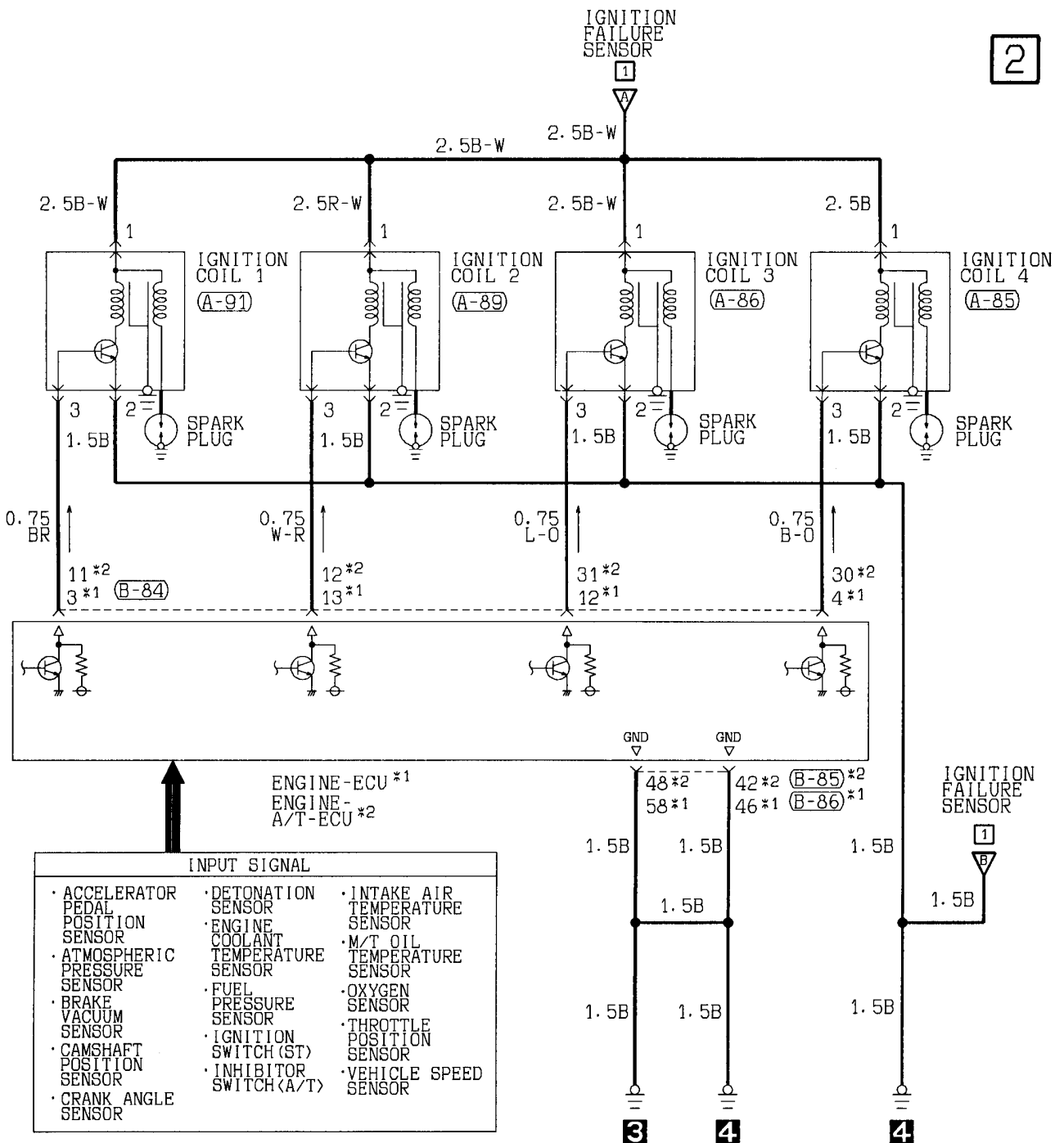
1



NOTE
*1:M/T
*2:A/T



2



(B-85) (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		

(B-86) (M/T) (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			

(A/T) (MU803782)

71	72	73	74		75	76	77				
78	79	80	81	82	83	84	85	86	87	88	89
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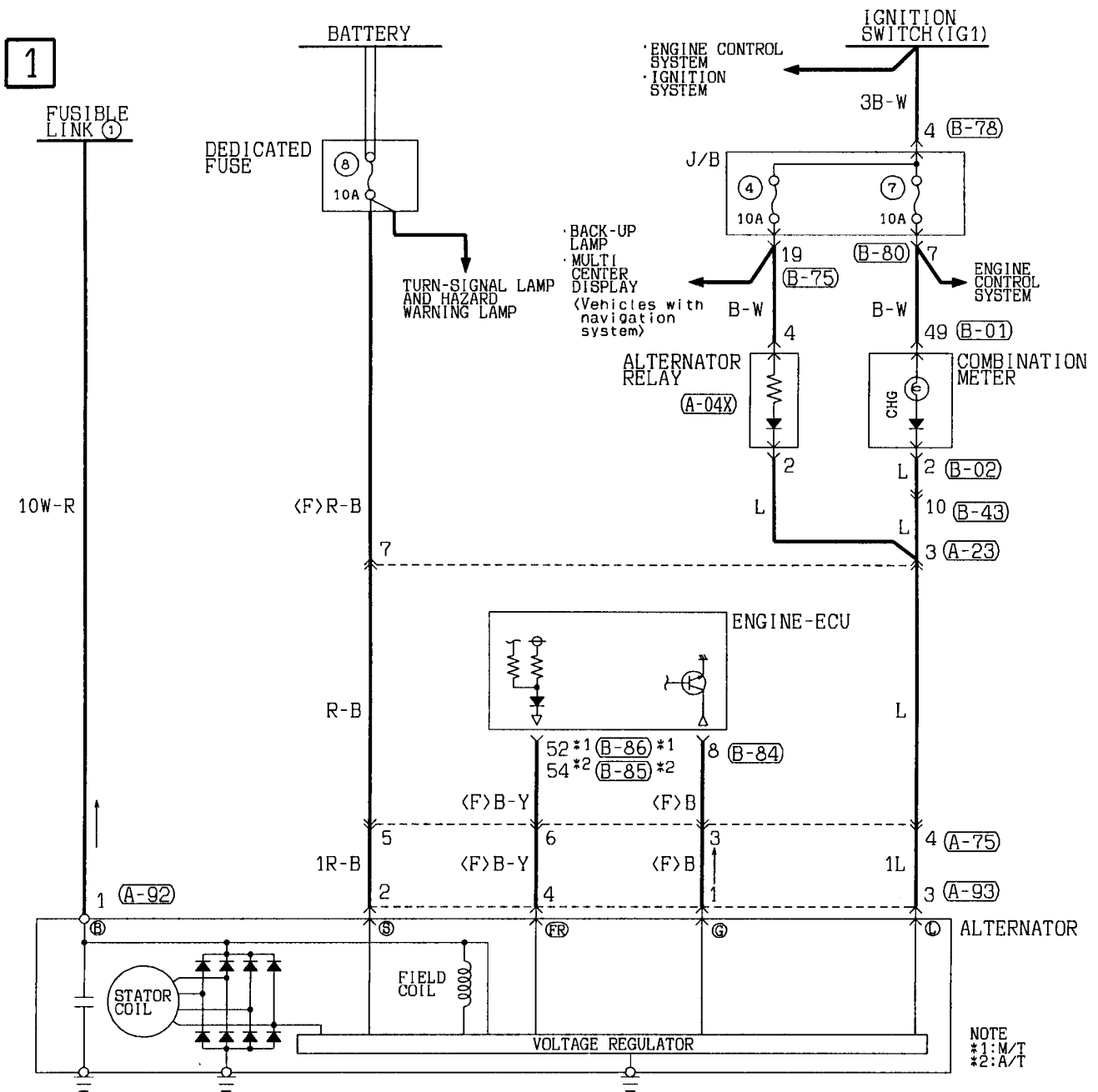
(B-87) (MU803783)

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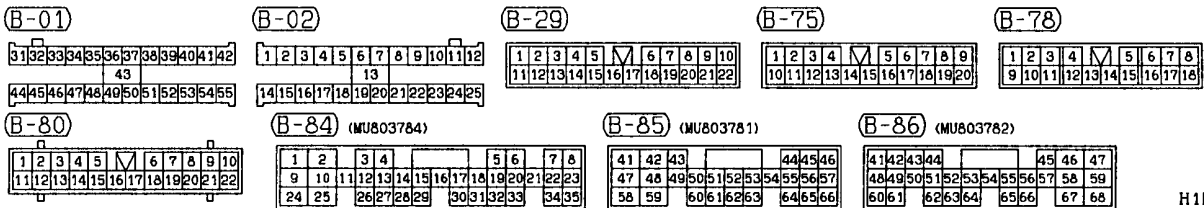
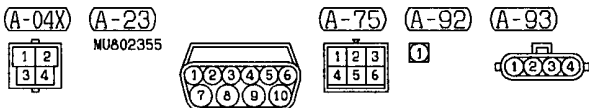
Wire colour code
 B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

CHARGING SYSTEM

4G93 engine



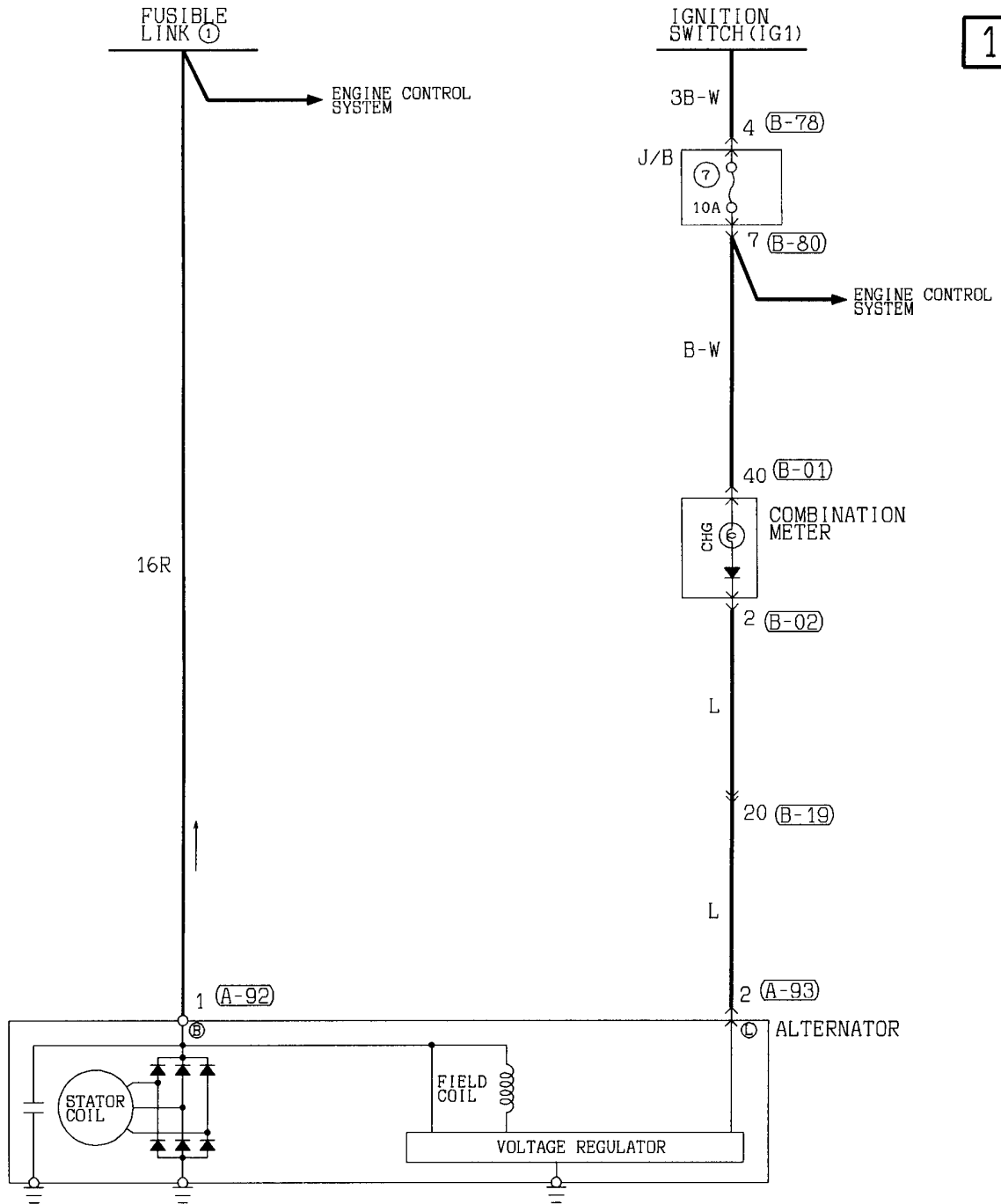
NOTE
*1: M/T
*2: A/T



CHARGING SYSTEM

F9Q1 engine

1



(A-92)	(A-93)	(B-01)	(B-02)	(B-19)	(B-78)
1	2	3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2	1 2 3 4 5 6 7 8 9 10 11 12	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
		4 4 4 5 4 6 4 7 4 8 4 9 5 0 5 1 5 2 5 3 5 4 5 5	1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5		
(B-80)	Wire colour code				
MU801465	B : Black LG : Light green G : Green L : Blue				
	BR : Brown O : Orange GR : Gray R : Red				
	W : White SB : Sky blue P : Pink Y : Yellow				
	V : Violet				

CHARGING SYSTEM (See P. 4-34, 35.)**OPERATION****When engine is stationary**

- When the ignition switch is turned to the ON position, current flows the alternator L terminal to the field coil and, at the same time, the charge warning lamp illuminates.

When engine is started and after engine has started

- When the engine is started, the charge warning lamp goes out because of the charging voltage begin applied to the alternator L terminal.
- The battery voltage being applied to the alternator S terminal is monitored by the voltage regulator. Therefore, the amount of electricity produced by the alternator is controlled by allowing and cutting off the current flowing to the field coil. <4G13, 4G93>
- The alternator B terminal supplies power to each load.

Note

The alternator relay is provided to back up the flow of current to the field coil when the charge warning lamp is open.

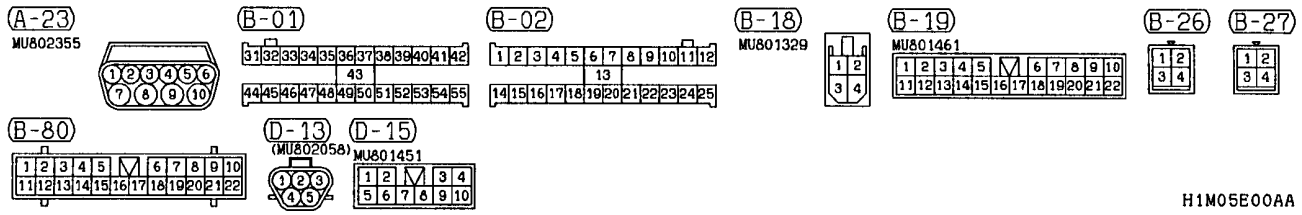
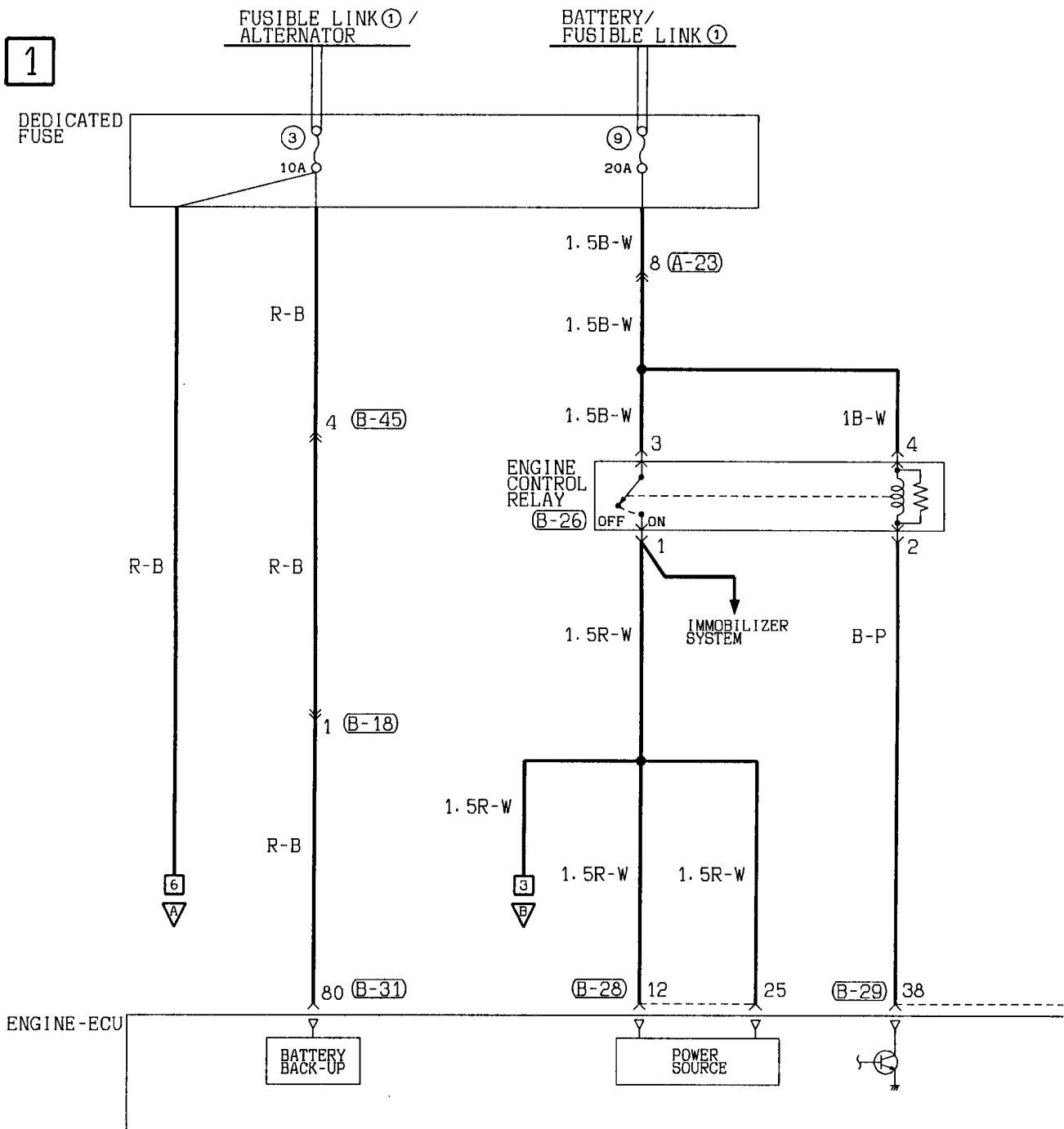
TROUBLESHOOTING HINTS

1. Charging indicator lamp does not illuminate when the ignition switch is turned to ON position, before the engine starts.
 - Check multi-purpose fuse No. (7)
 - Check the bulb.
2. Charging indicator lamp fails to switch off once the engine starts.
 - Check voltage regulator of alternator.
3. Discharged or overcharged battery.
 - Check voltage regulator of alternator.
4. Charge warning lamp illuminates dimly.
 - Check combination meter diode (for short).

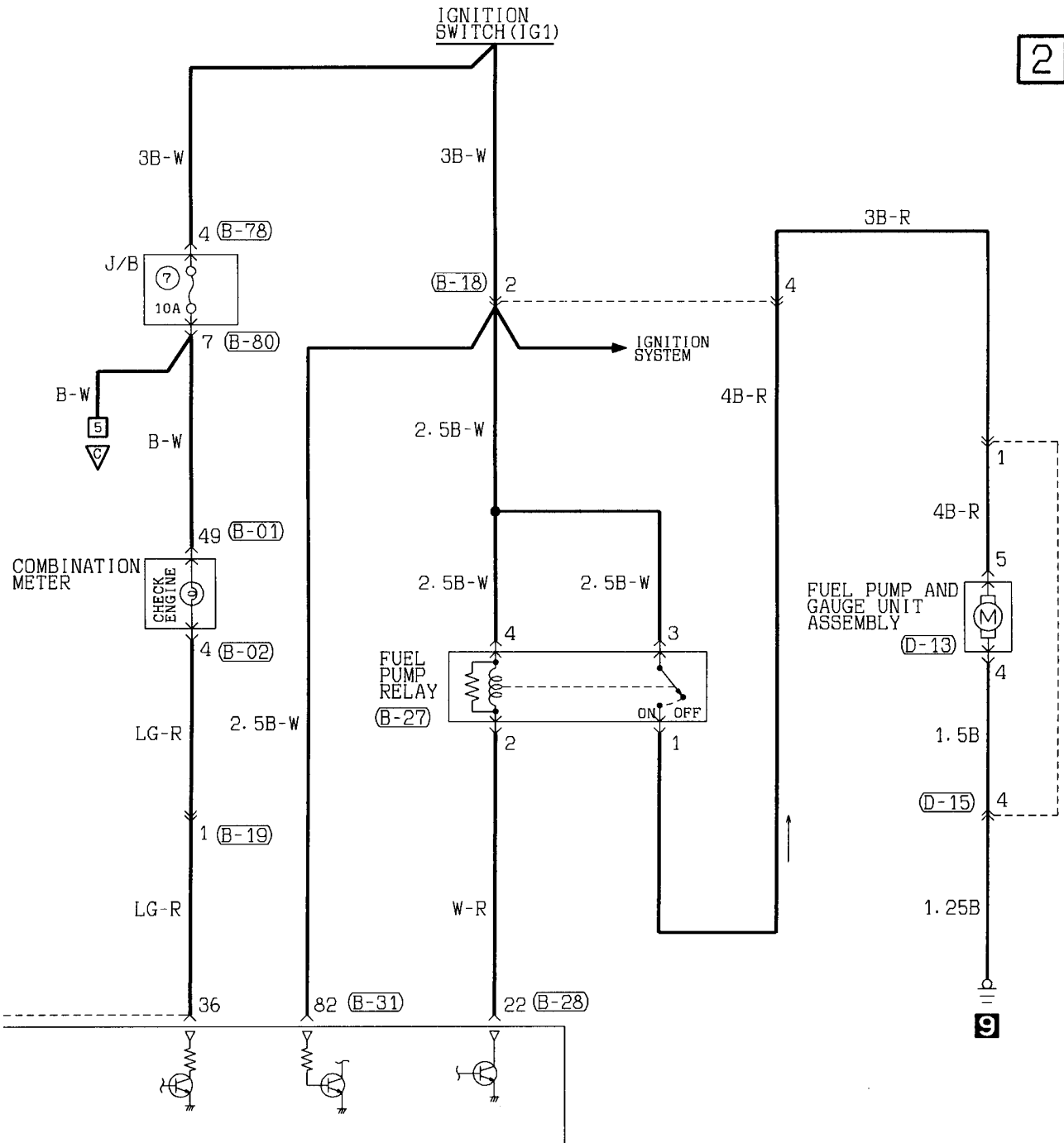
NOTES

ENGINE CONTROL SYSTEM

4G13 engine



2



(B-28) (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

(B-29) (MU801822)

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

(B-31) (MU801823)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-45) MU801335

1	2	3	4		
5	6	7	8	9	10

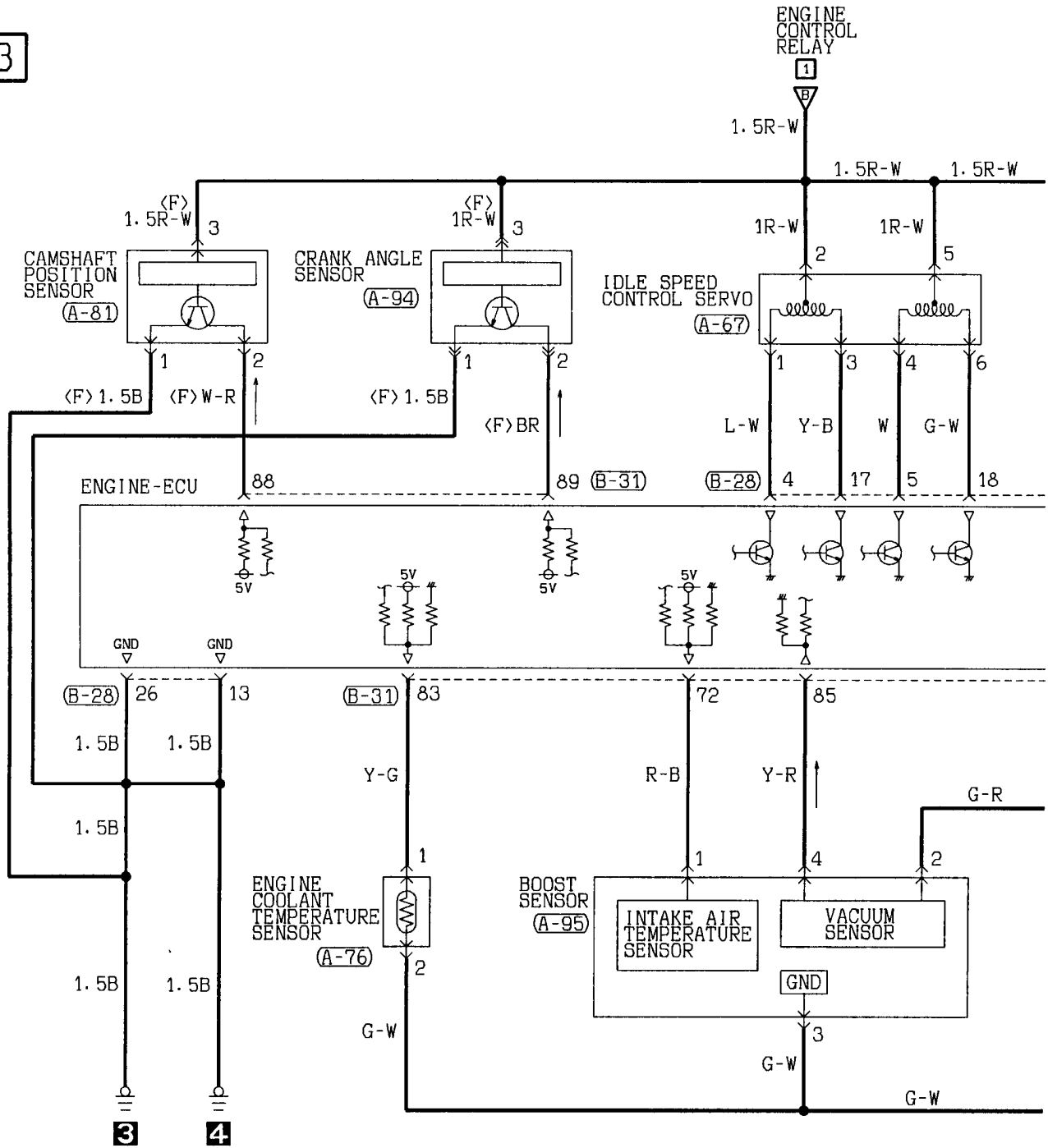
(B-78)

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

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

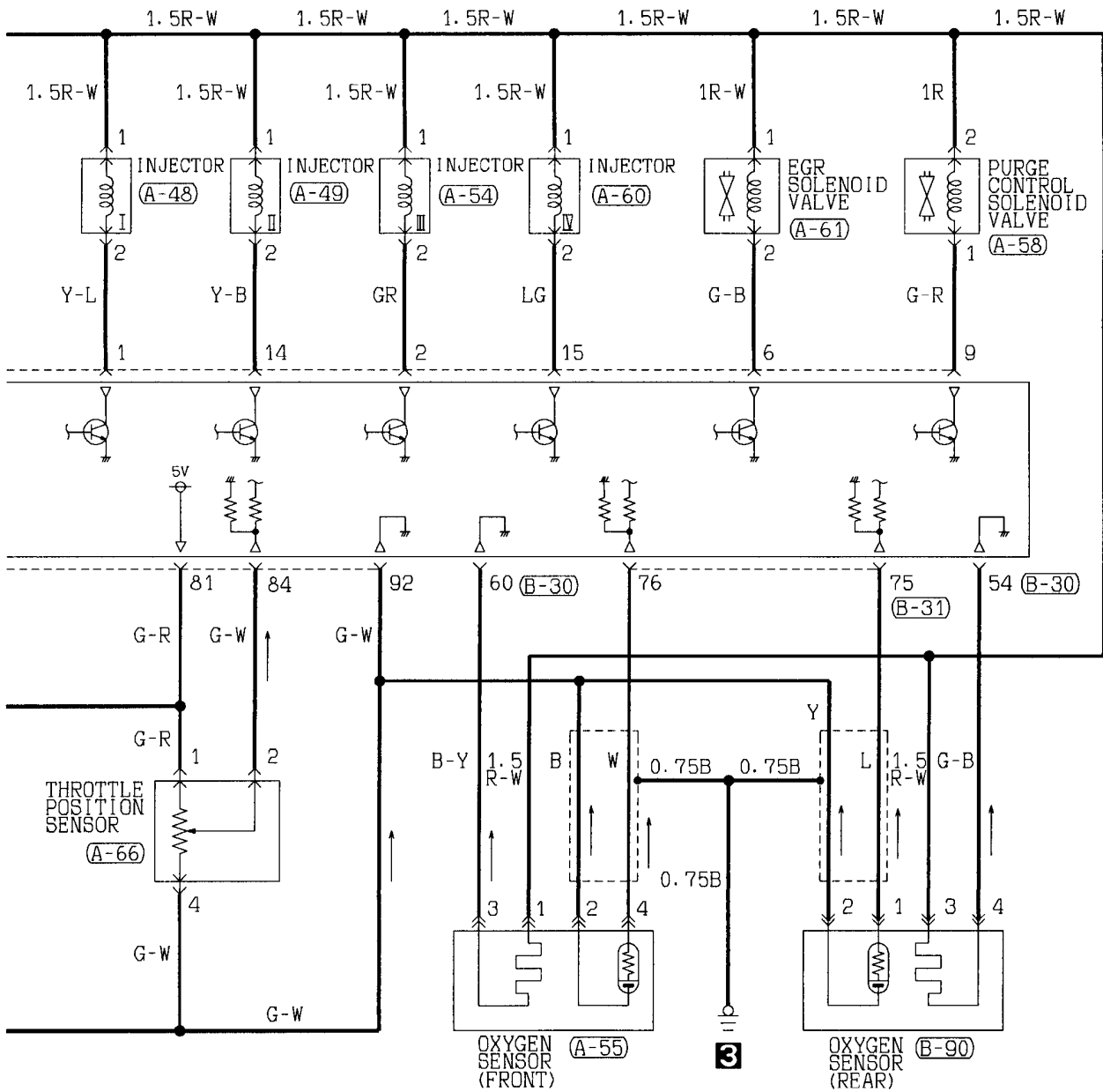
ENGINE CONTROL SYSTEM <4G13 engine> (CONTINUED)

3



- (A-48) (MU802047)
- (A-49) (MU802047)
- (A-54) (MU802047)
- (A-55) MU802605
- (A-58) MU802779
- (A-60) (MU802047)
- (A-61) (12)
- (A-66) (MU802724)
- (A-67) (1234)
- (A-76) (12)
- (A-81) (123)
- (A-94) MU802603
- (A-95) (1234)

4



(B-28) (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

(B-30) (MU801820)

51	52	53	54	55	56
57	58	59	60	61	62

(B-31) (MU801823)

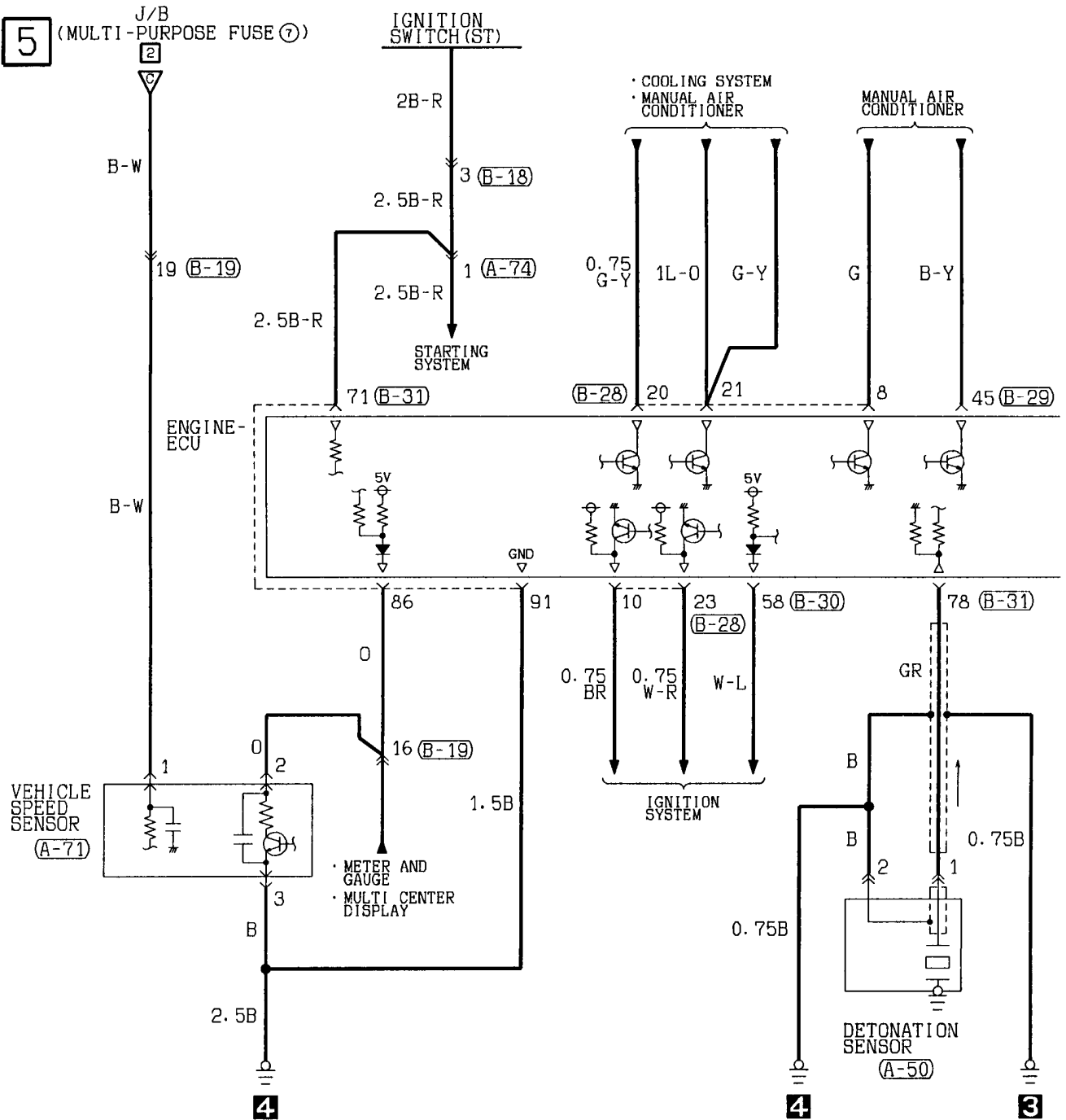
71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-90) MU801446

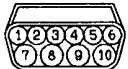
1	2	3	4
---	---	---	---

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

ENGINE CONTROL SYSTEM <4G13 engine> (CONTINUED)



(A-23)
MU802355



(A-38)

(A-50)
MU802661

(A-71)

(A-74)

(B-09) (MU801585)

(B-18)
MU801329

(B-19)



(B-36) (MU801583)

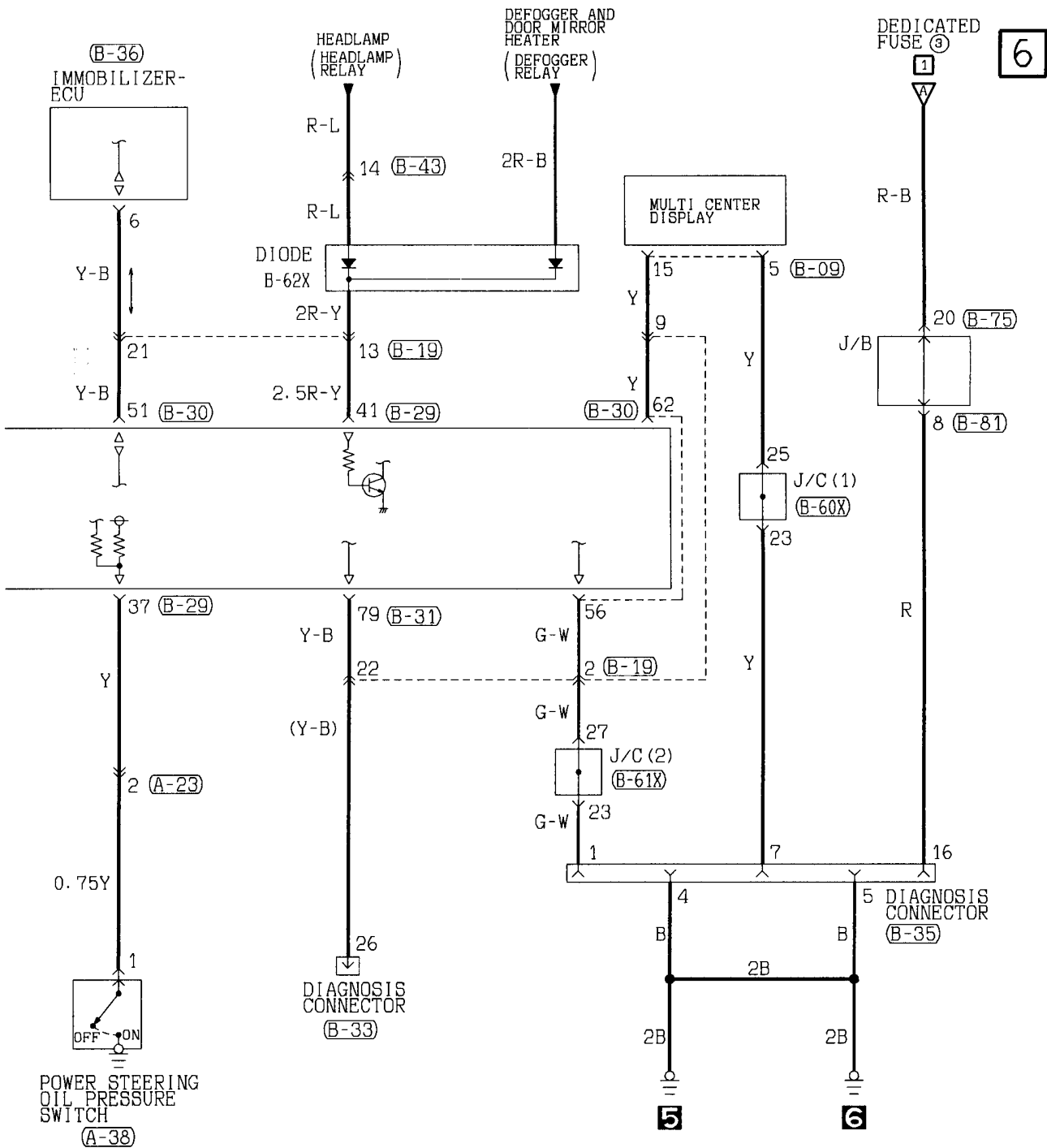
(B-43)
MU801461

(B-60X)

(B-61X)

(B-75)





(B-28) (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

(B-29) (MU801822)

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

(B-30) (MU801820)

51	52	53	54	55	56
57	58	59	60	61	62

(B-31) (MU801823)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-33) FRONT SIDE

25	24	23	22	21		
32	31	30	29	28	27	26

(B-35) FRONT SIDE

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

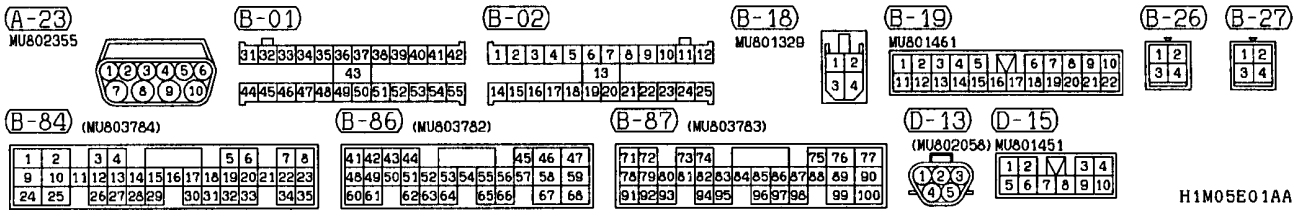
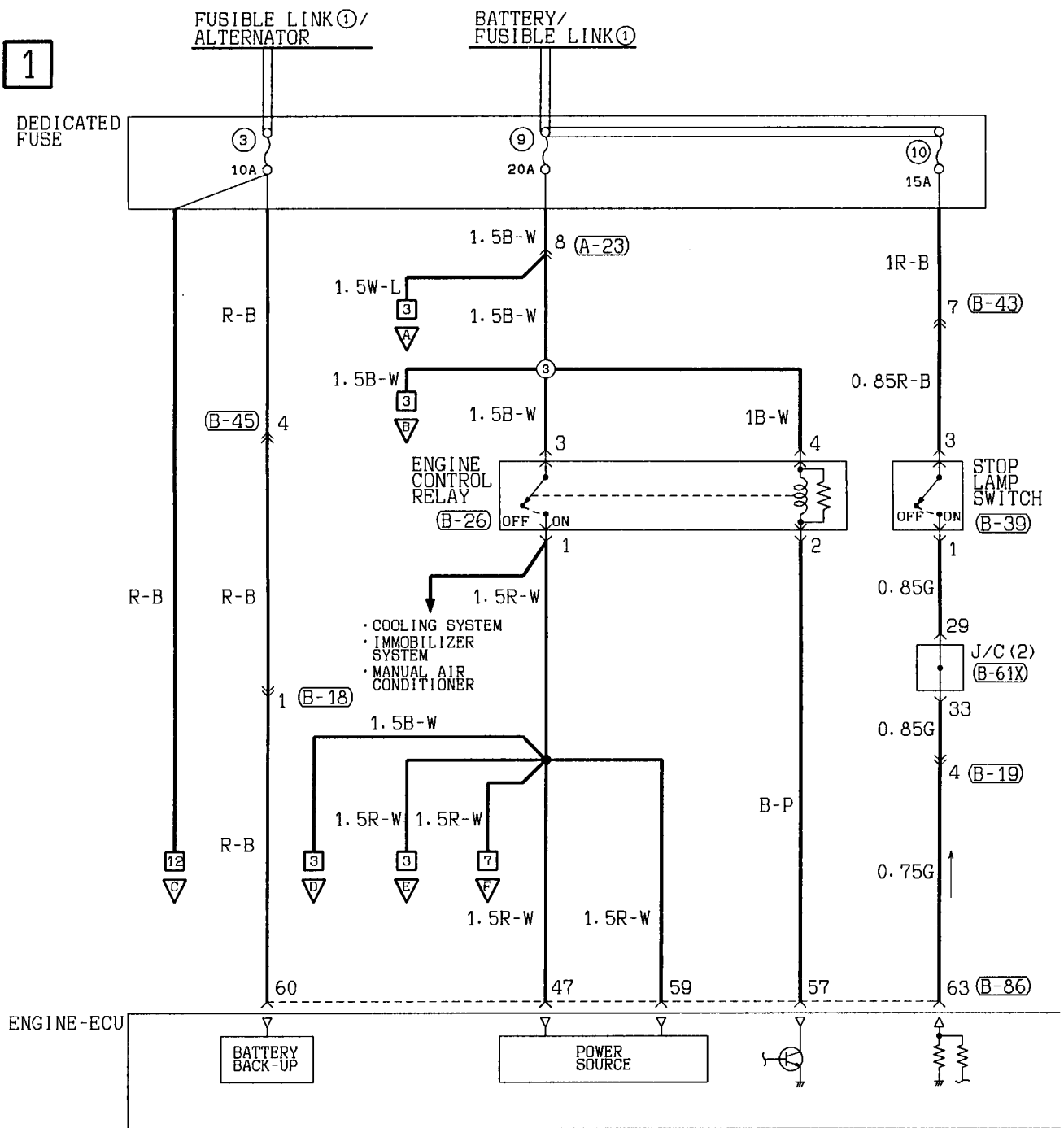
(B-81) MU801461

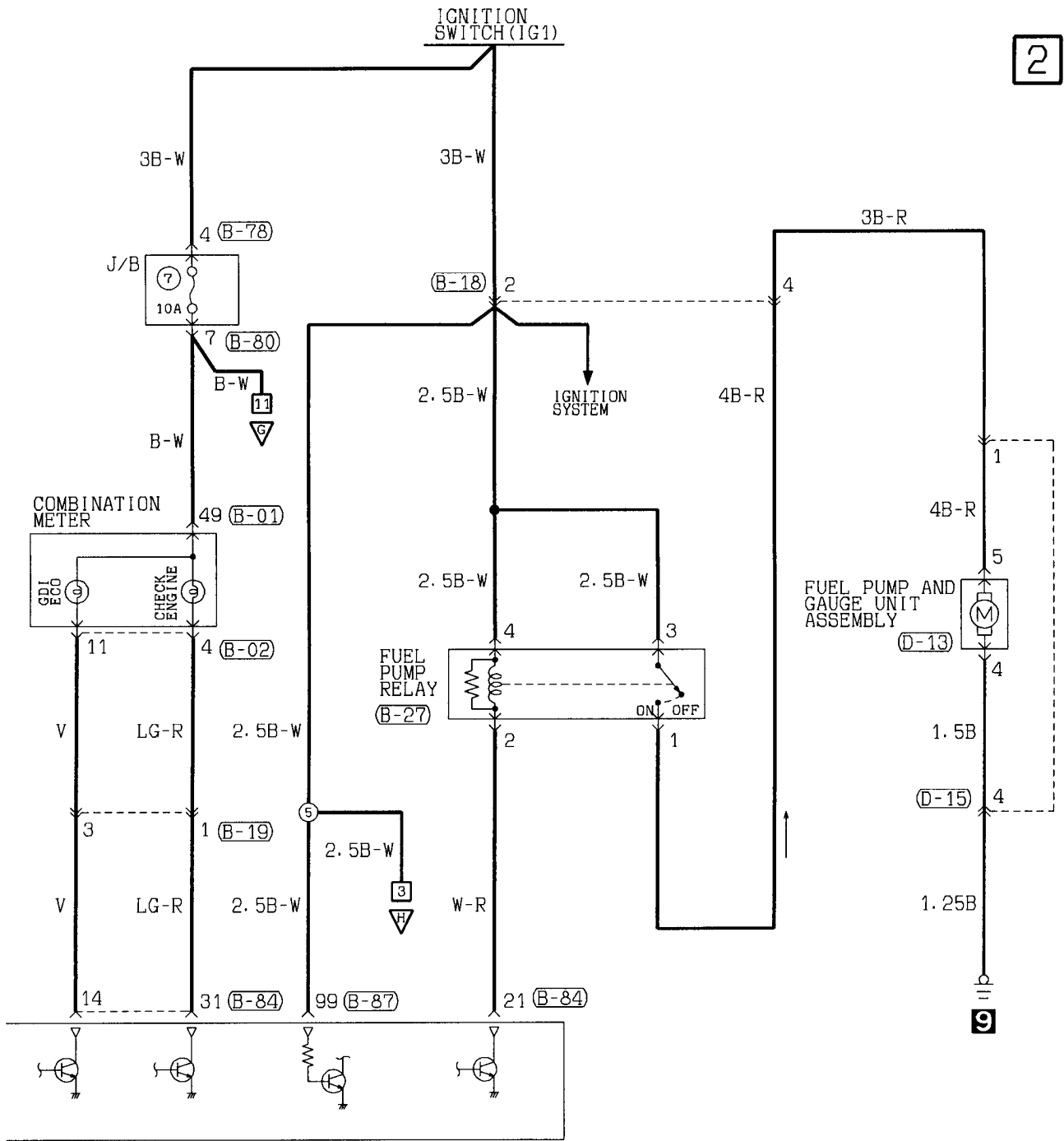
1	2	3	4	5	6	7	8	9	10		
11	12	13	14	15	16	17	18	19	20	21	22

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

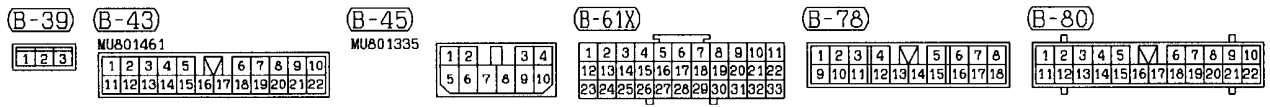
ENGINE CONTROL SYSTEM

4G93 engine-M/T



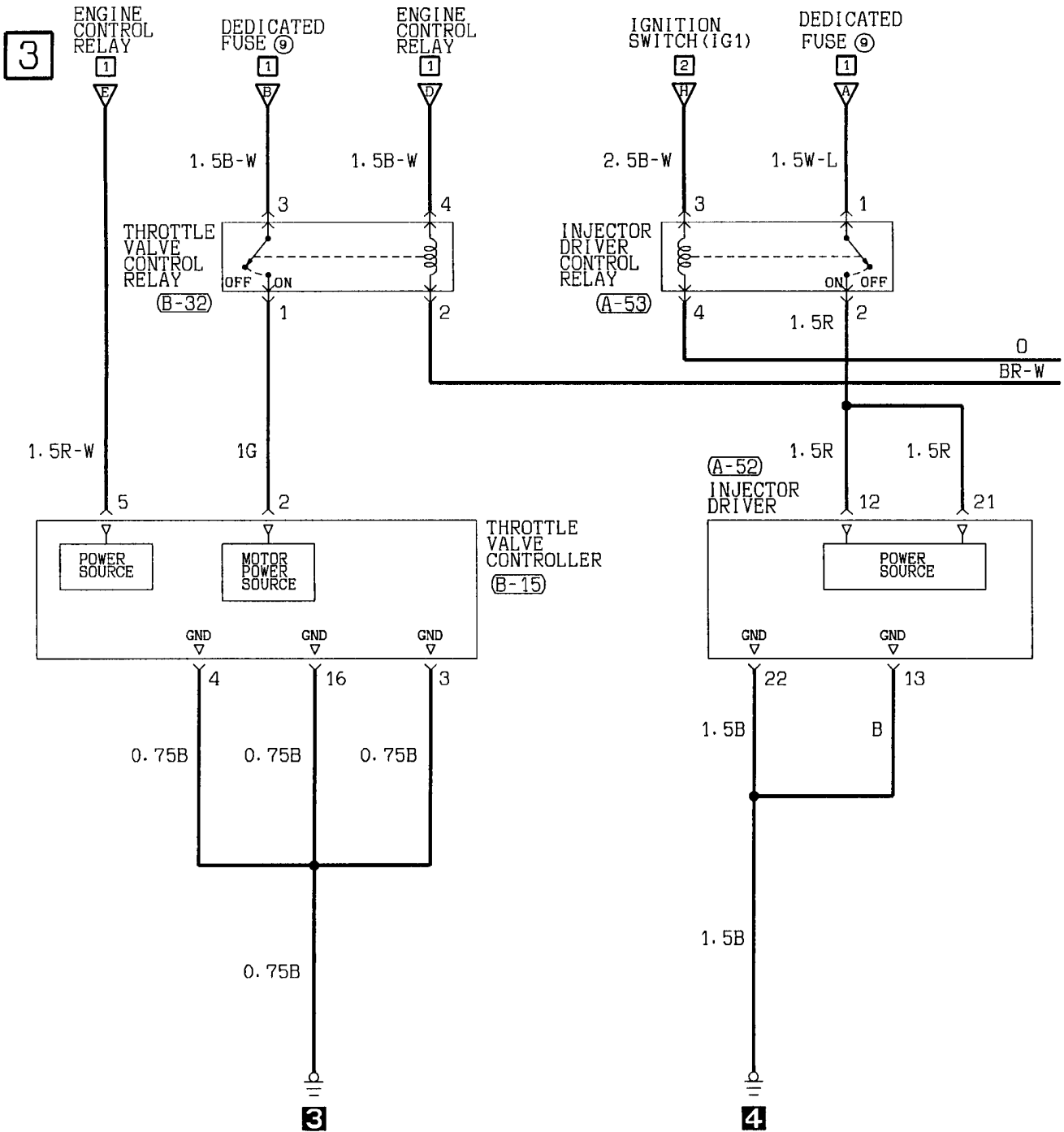


2

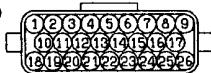


Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

ENGINE CONTROL SYSTEM <4G93 engine-M/T> (CONTINUED)



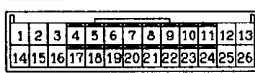
(A-52) (MU802522)



(A-53) MU802605



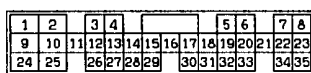
(B-15) (NU801824)



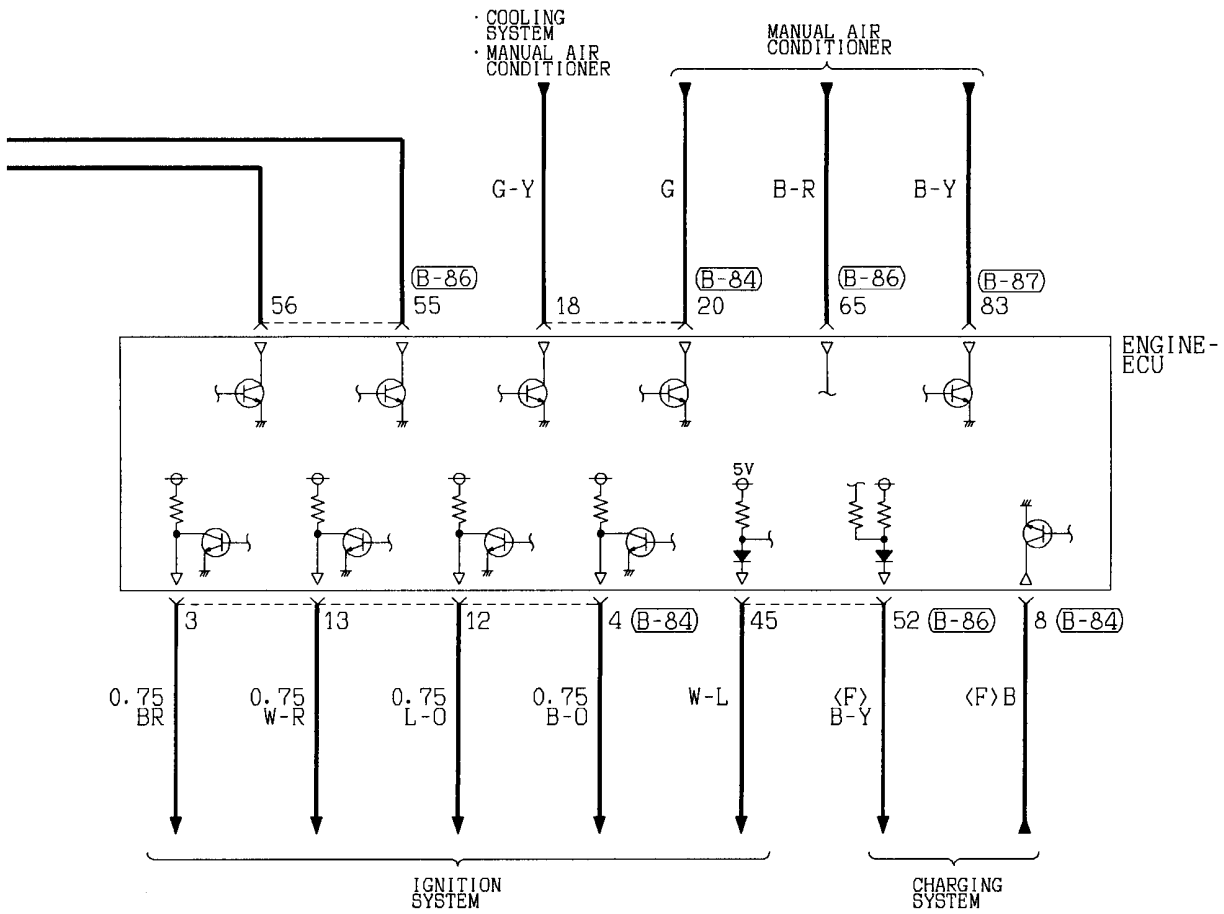
(B-32)



(B-84) (MU803784)



4



(B-86) (NU803782)

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					

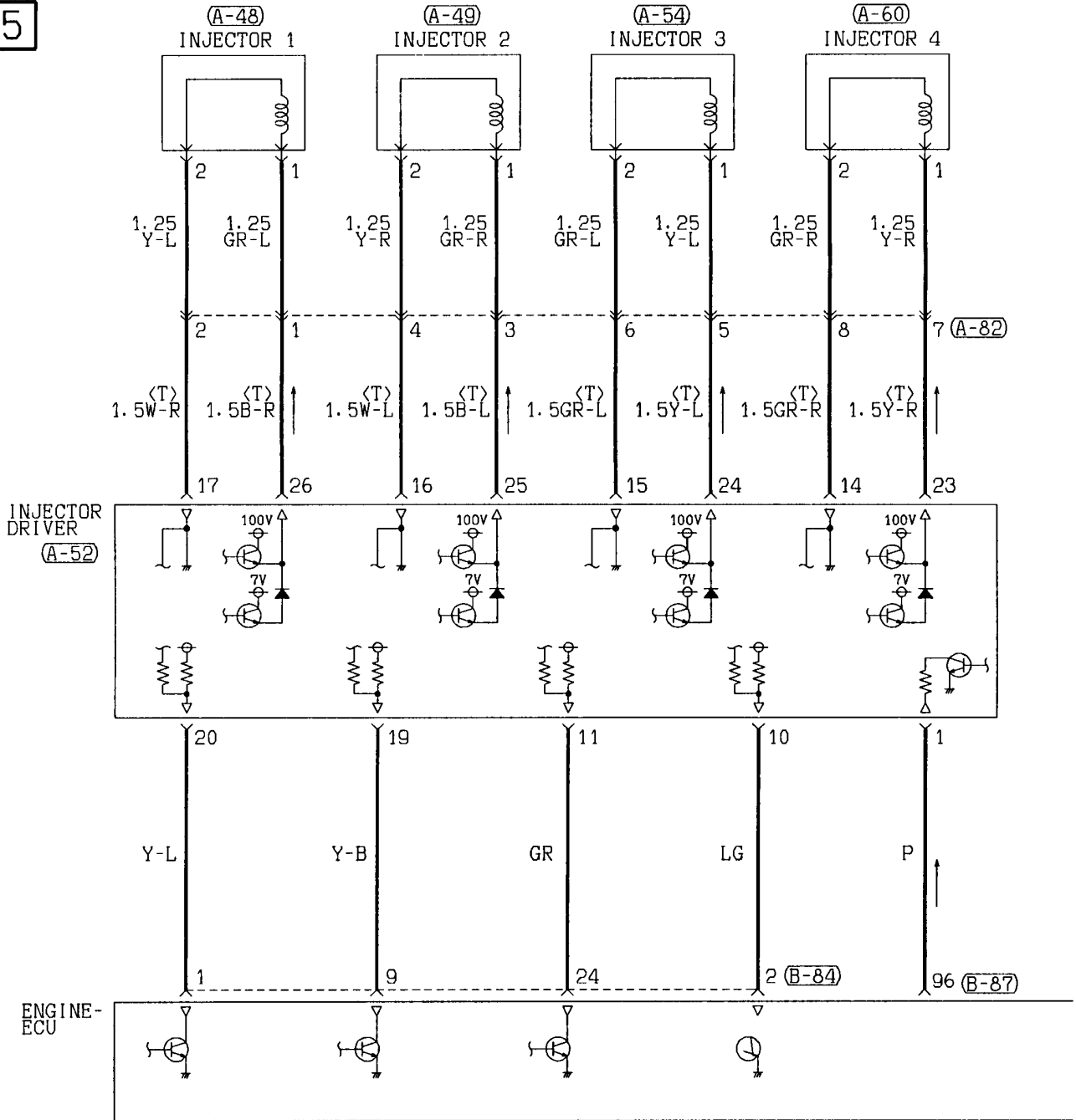
(B-87) (NU803783)

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	99	100				

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

ENGINE CONTROL SYSTEM <4G93 engine-M/T> (CONTINUED)

5



(A-23)

(A-48) (A-49) (A-52)

(MU802522)

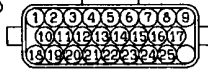
(A-54)

(A-60)

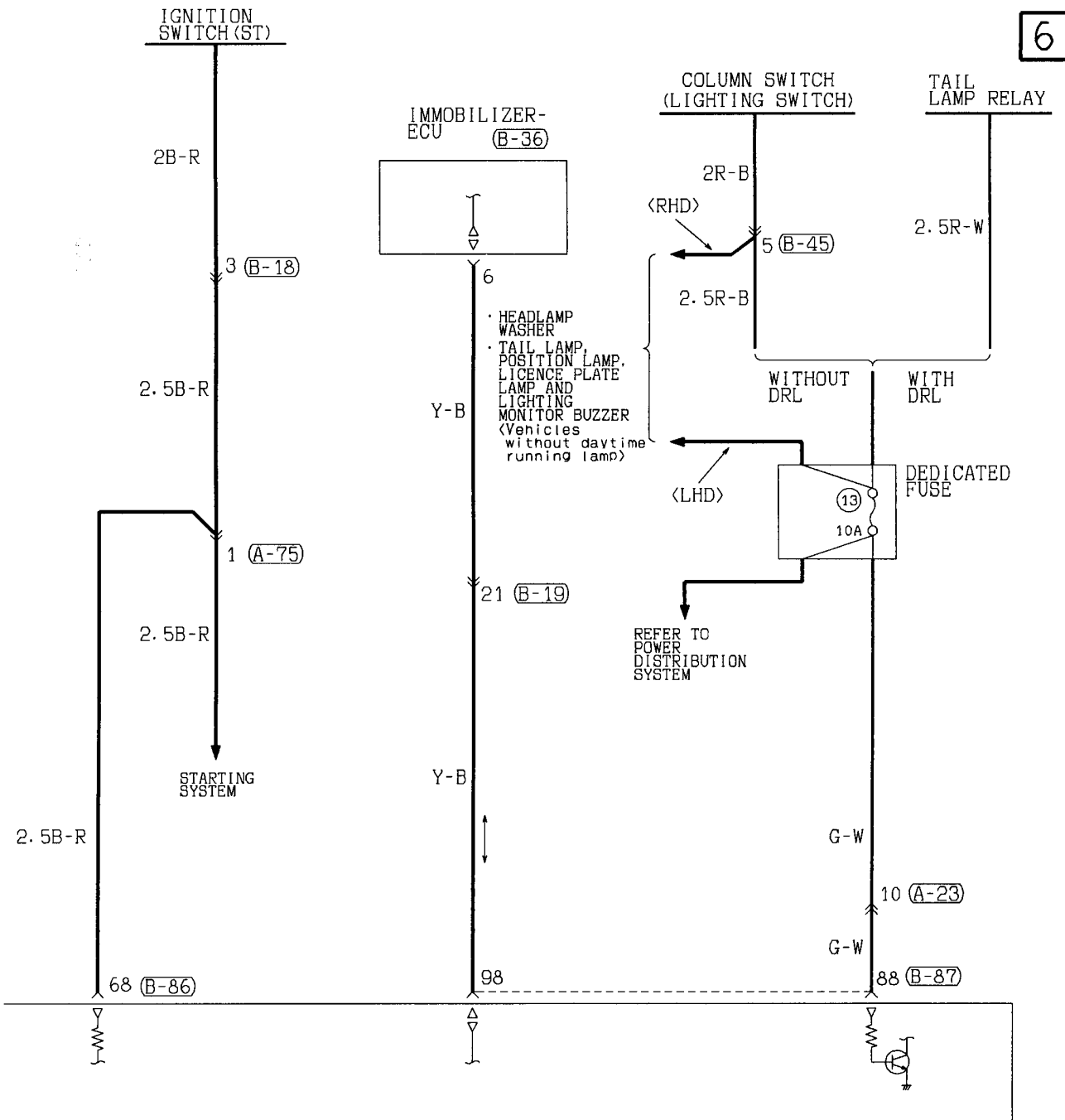
(A-75)

(A-82)

(B-18)



(B-87)



(B-19)

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

(B-36)

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

(B-45)

1	2	3	4
5	6	7	8
9	10		

(B-84) (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					

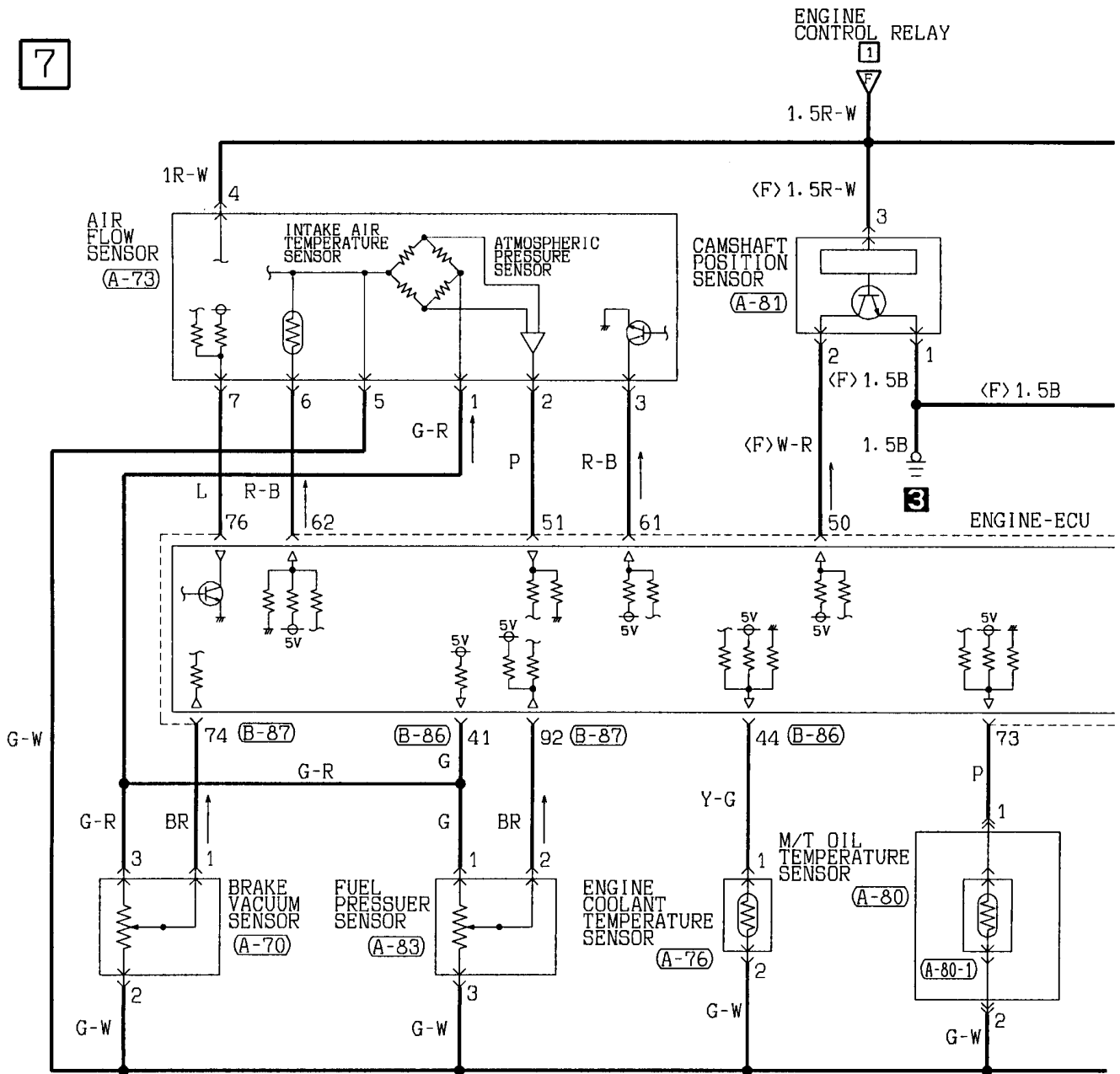
(B-86) (MU803782)

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					

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

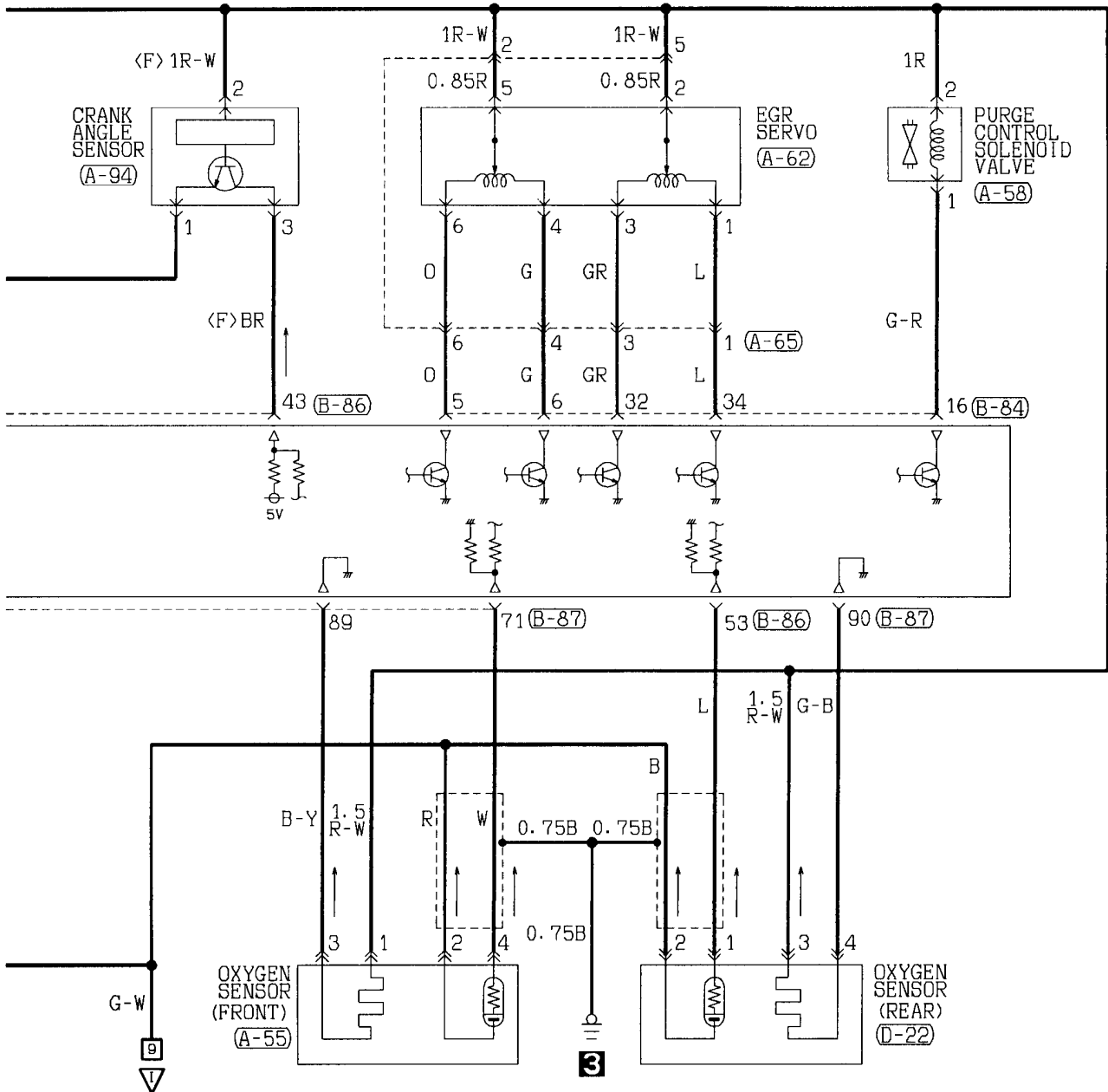
ENGINE CONTROL SYSTEM <4G93 engine-M/T> (CONTINUED)

7



- | | | | | | | | | | | | |
|--------------------|--------------------|----------------------|--------------------|----------------------|--------|----------------------|--------------------|--------------------|----------------------|----------------------|----------------------|
| (A-55)
MU802605 | (A-58)
MU802779 | (A-62)
(MU802056) | (A-65)
MU802607 | (A-70)
(MU802723) | (A-73) | (A-76)
(MU802406) | (A-80)
MU802661 | (A-81)
MU802337 | (A-80-1)
MU802601 | (A-83)
(MU802408) | (A-94)
(MU802053) |
| | | | | | | | | | | | |

8



(B-84) (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-86) (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-87) (MU803783)

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	99	100			

(D-22)

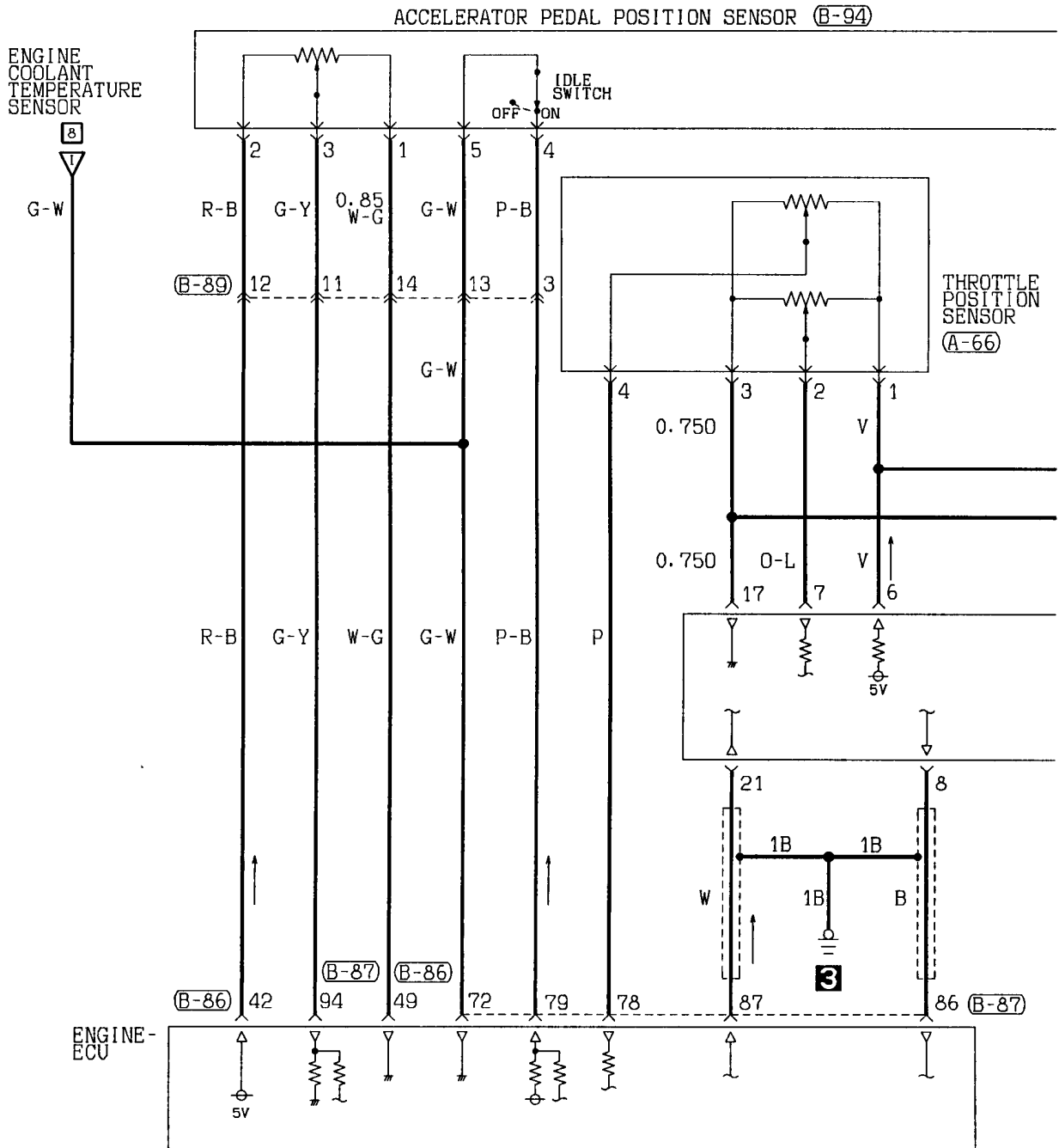
MU801446

1	2	3	4
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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

ENGINE CONTROL SYSTEM <4G93 engine-M/T> (CONTINUED)

9



(A-66) (MU802724)

1	2	3	4
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(A-68) (MU803744)

1	2	3	4
---	---	---	---

(B-15) (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

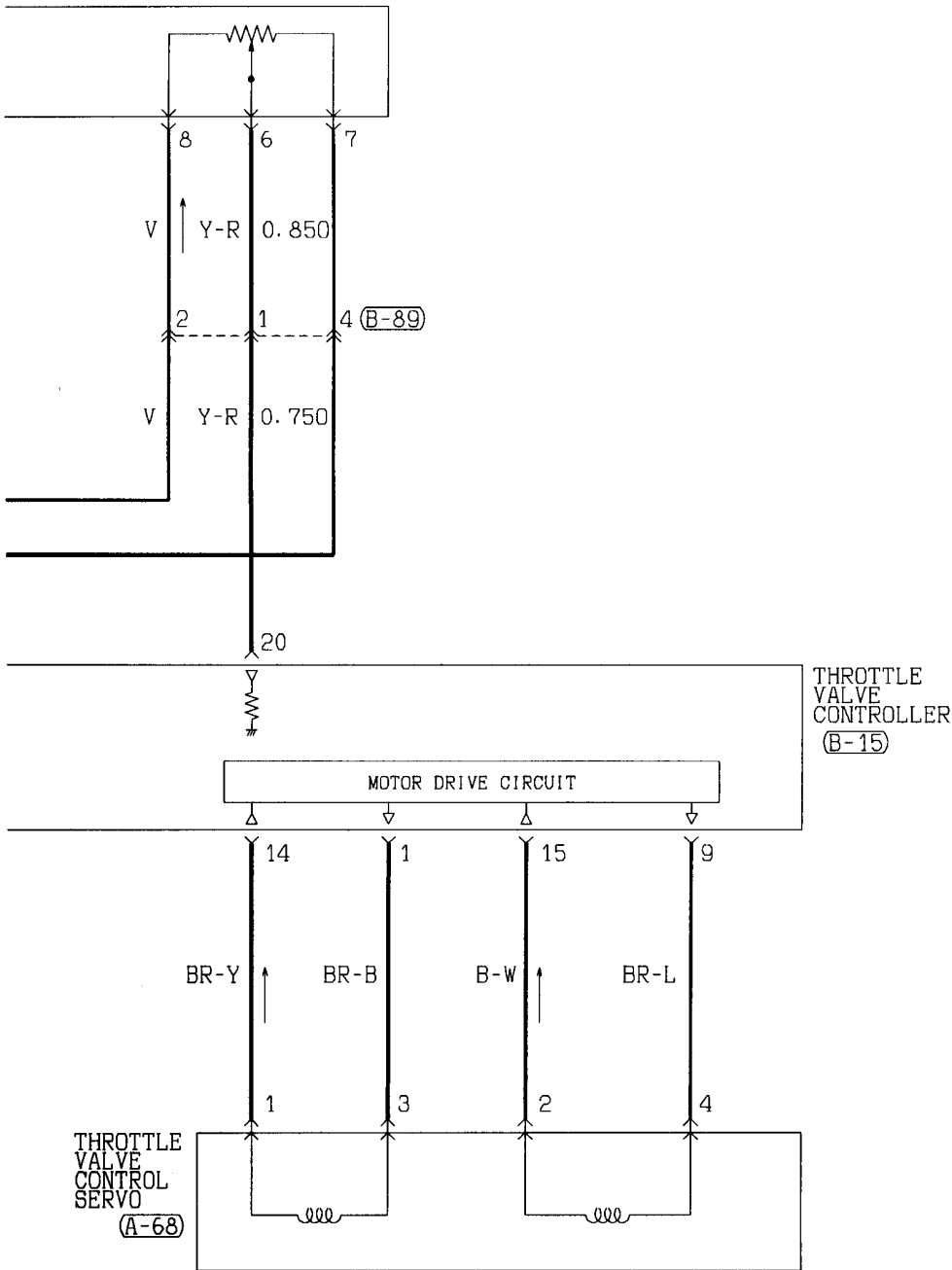
(B-86) (MU803782)

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-87) (MU803783)

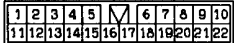
71	72	73	74	75	76	77						
78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100			

10



(B-89)

MU801461



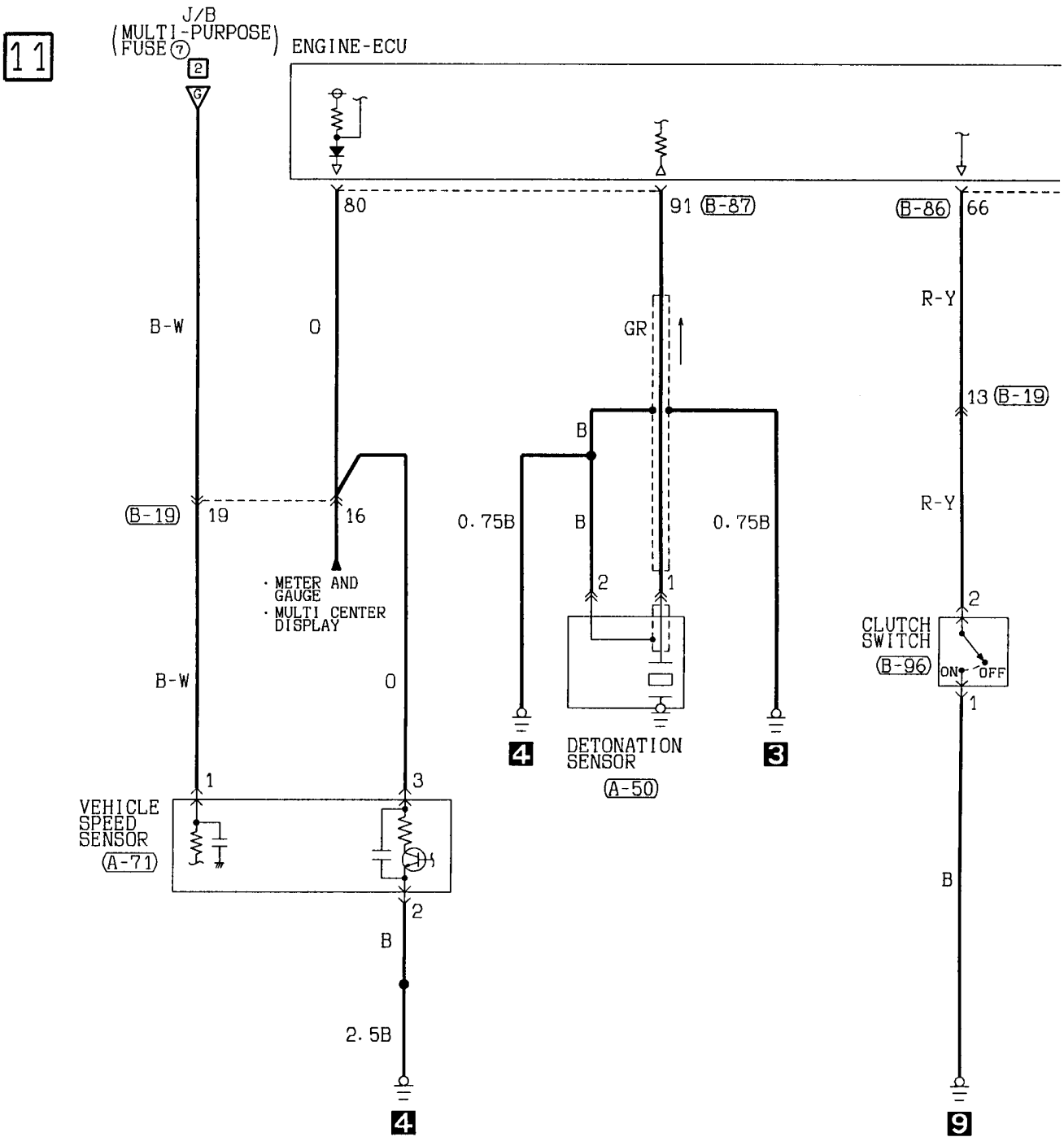
(B-94)

(MU802073)

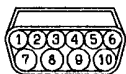


Wire colour code
 B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

ENGINE CONTROL SYSTEM <4G93 engine-M/T> (CONTINUED)



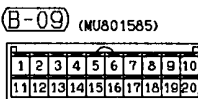
(A-23) MU802355



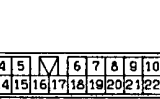
(A-38)

(A-50) MU802661

(A-71) (MU802723)



(B-09) (MU801585)

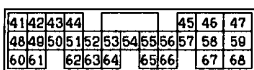


(B-19) MU801461

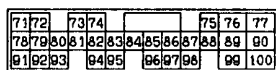


(B-33) FRONT SIDE

(B-86) (MU803782)

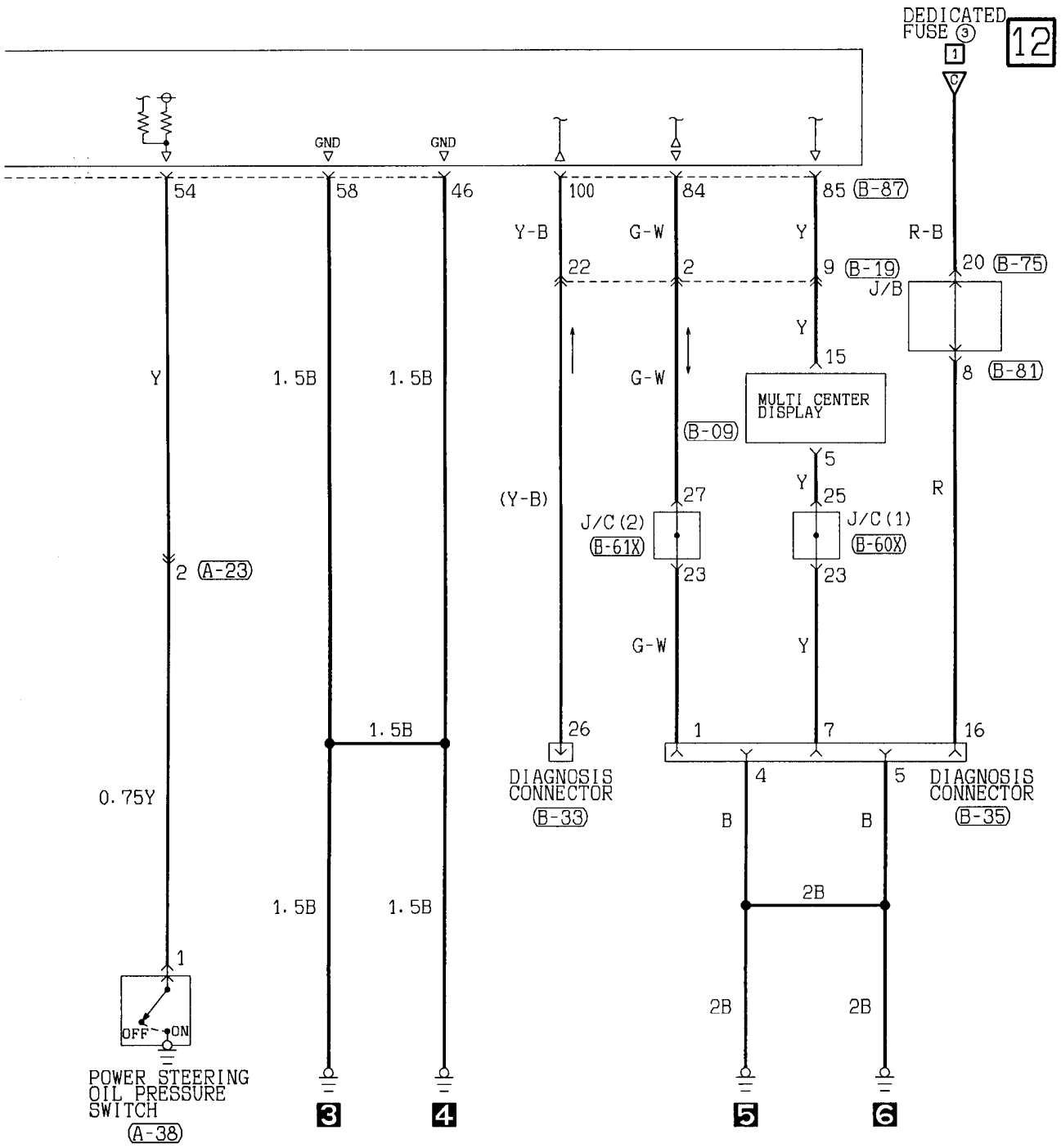


(B-87) (MU803783)



(B-96)





(B-35) FRONT SIDE

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

(B-60X)

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-61X)

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-75) MU801457

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

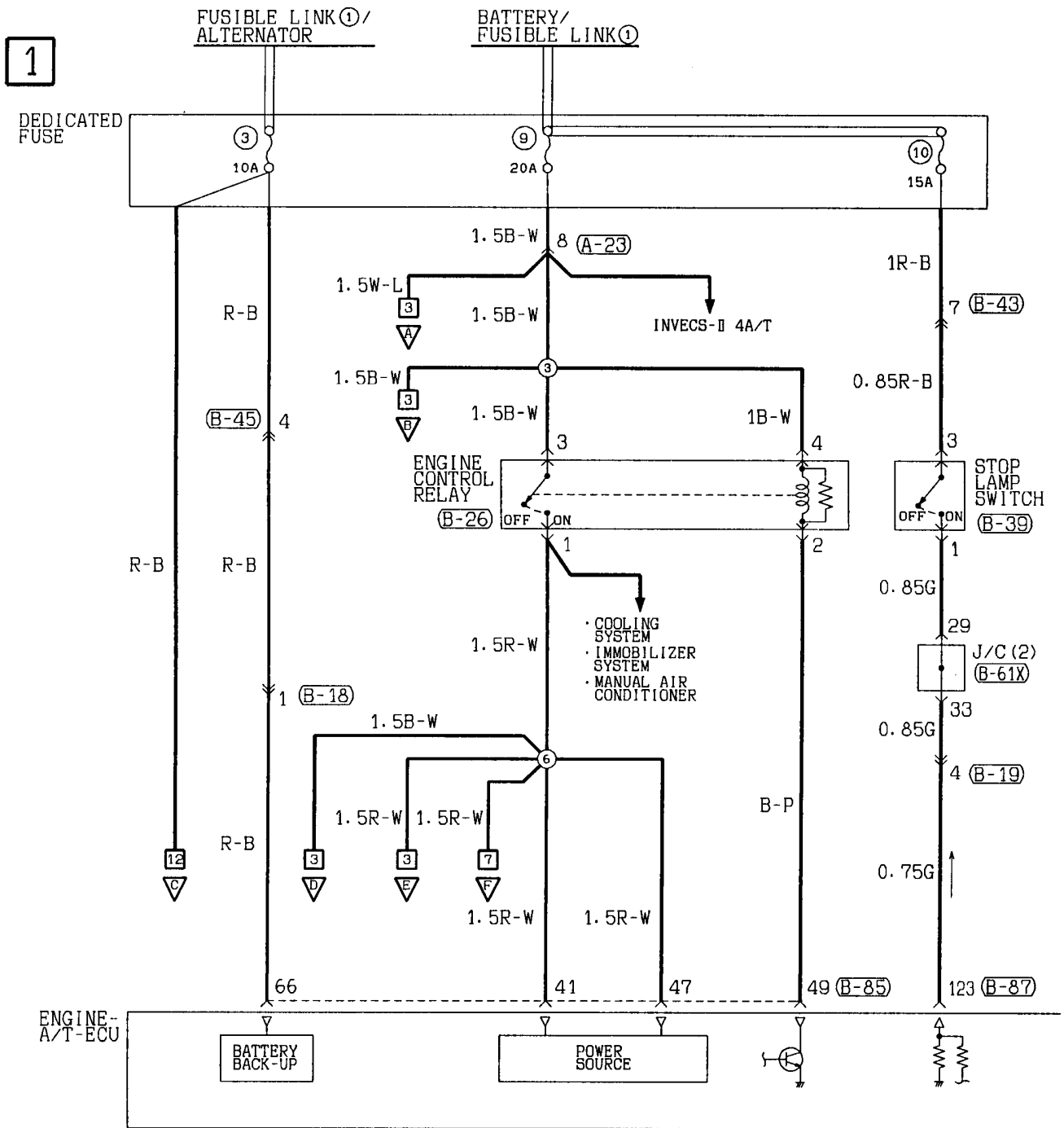
(B-81) MU801461

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

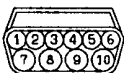
Wire colour code
 B : Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

ENGINE CONTROL SYSTEM

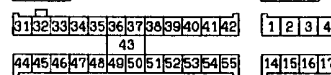
4G93 engine-A/T



(A-23) MU802355



(B-01)



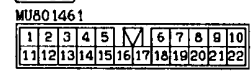
(B-02)



(B-18) MU801329



(B-19)



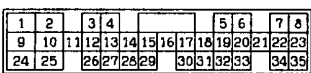
(B-26)



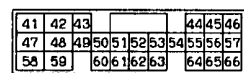
(B-27)



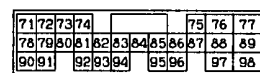
(B-84) (MU803784)



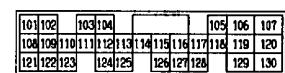
(B-85) (MU803781)

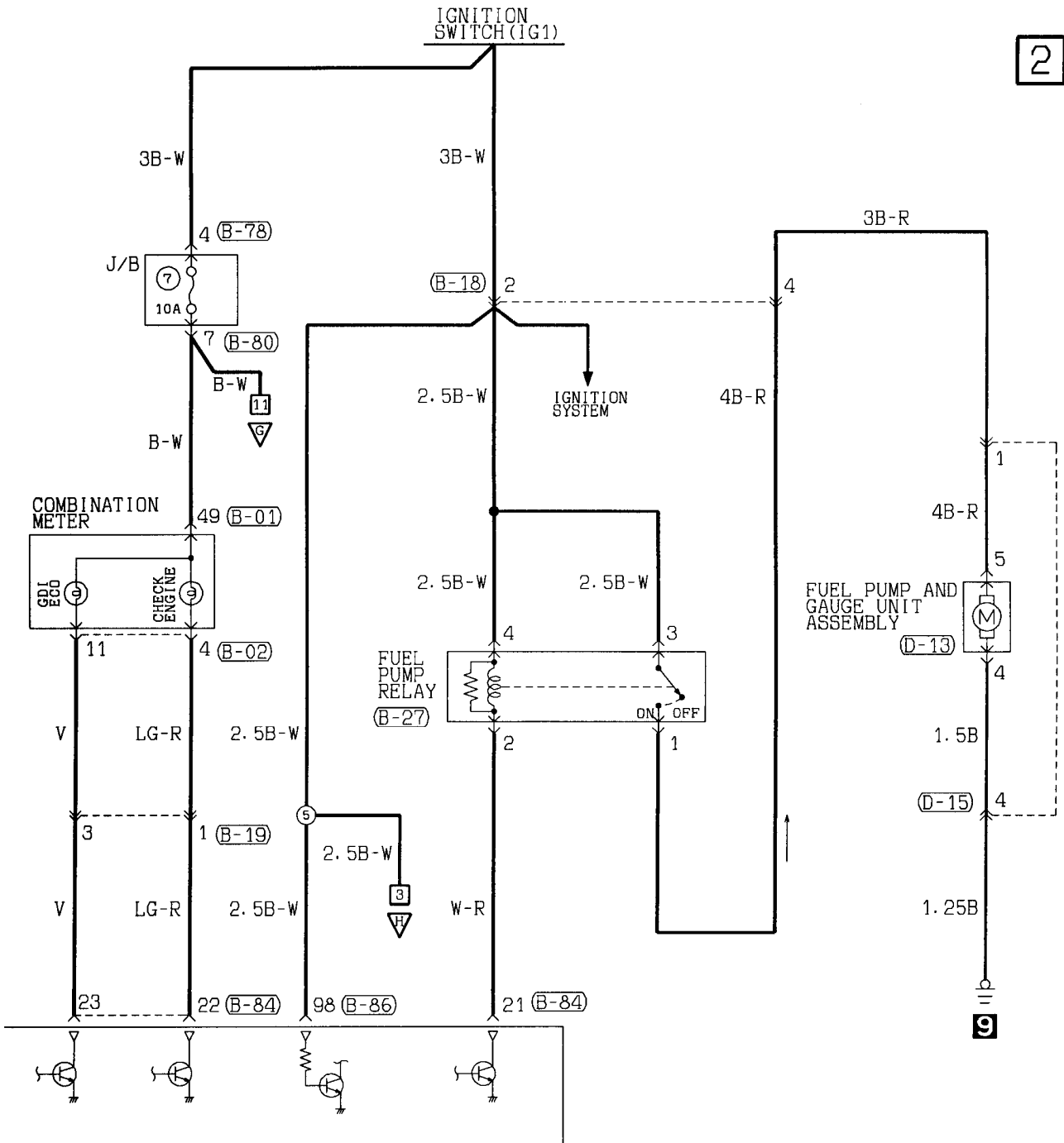


(B-86) (MU803782)



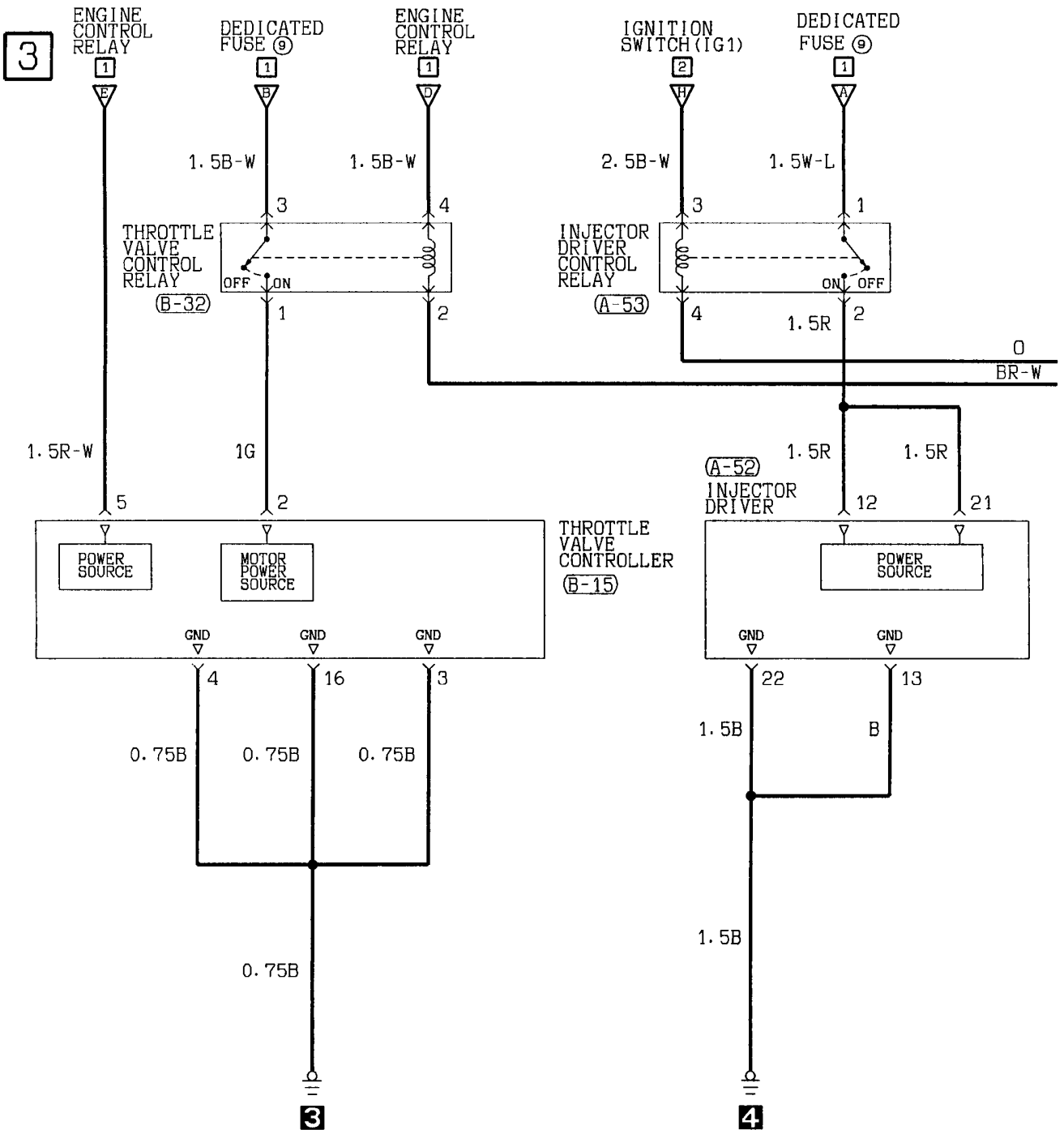
(B-87) (MU803783)



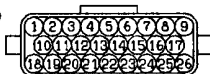


- | | | | | | |
|--|--|---|---|--|--|
| (B-39)
1 2 3 | (B-43)
MU801461
1 2 3 4 5 M 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22 | (B-45)
MU801335
1 2 3 4
5 6 7 8 9 10 | (B-61X)
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
23 24 25 26 27 28 29 30 31 32 33 | (B-78)
1 2 3 4 M 5 6 7 8
9 10 11 12 13 14 15 16 17 18 | (B-80)
1 2 3 4 5 M 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22 |
| (D-13)
(MU802056) MU801451
1 2 3
4 5 6 | (D-15)
MU801451
1 2 M 3 4
5 6 7 8 9 10 | <p>Wire colour code</p> <p>B : Black LG : Light green G : Green L : Blue</p> <p>BR : Brown O : Orange GR : Gray R : Red</p> <p>W : White SB : Sky blue P : Pink Y : Yellow</p> <p>V : Violet</p> | | | |

ENGINE CONTROL SYSTEM <4G93 engine-A/T> (CONTINUED)



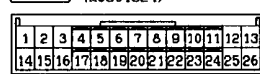
(A-52) (MU802522)



(A-53) (MU802605)



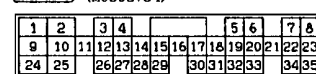
(B-15) (MU801824)



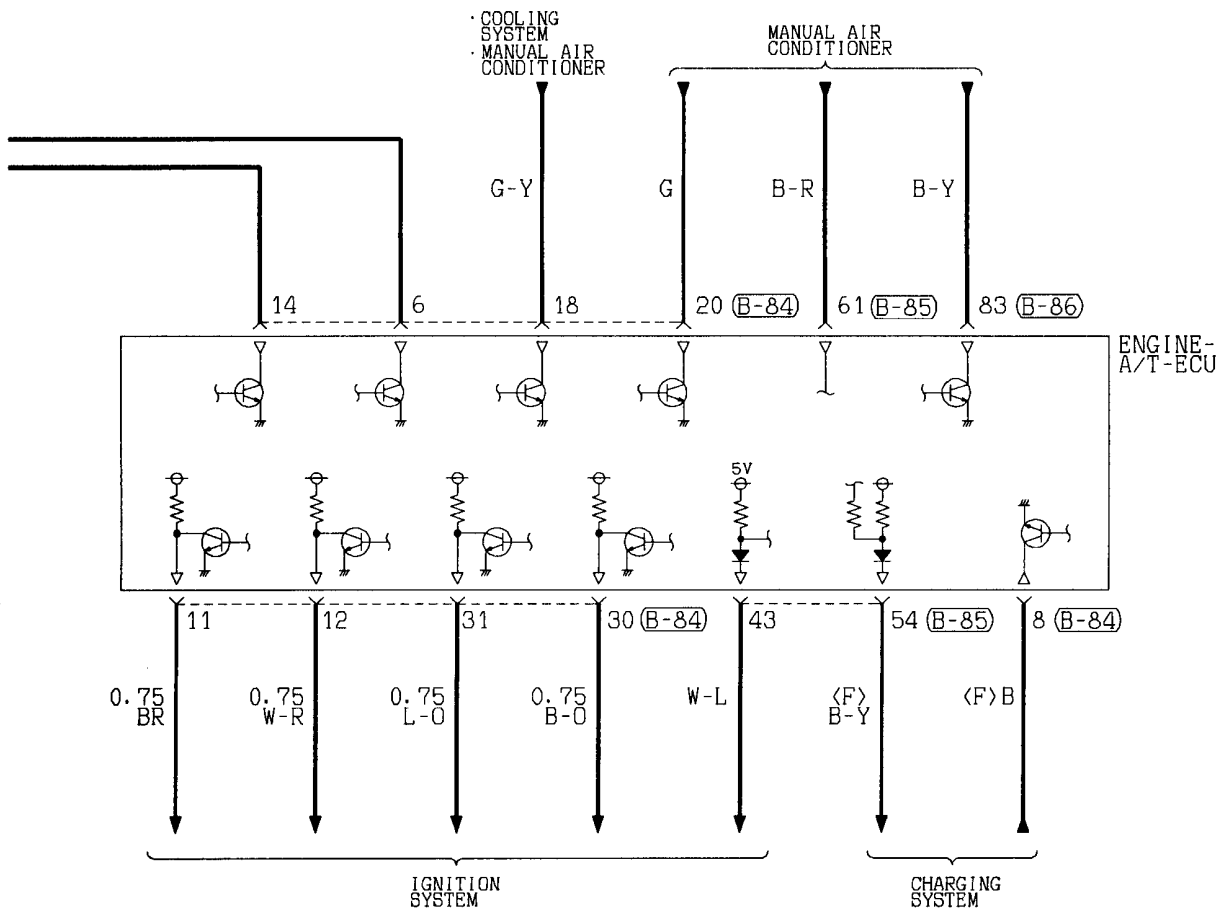
(B-32)



(B-84) (MU803784)



4



(B-85) (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	

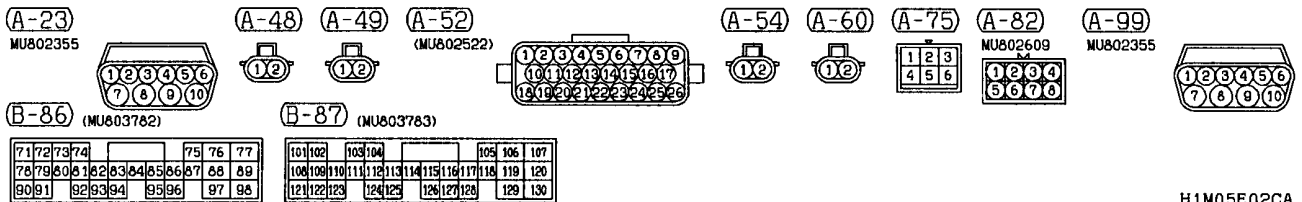
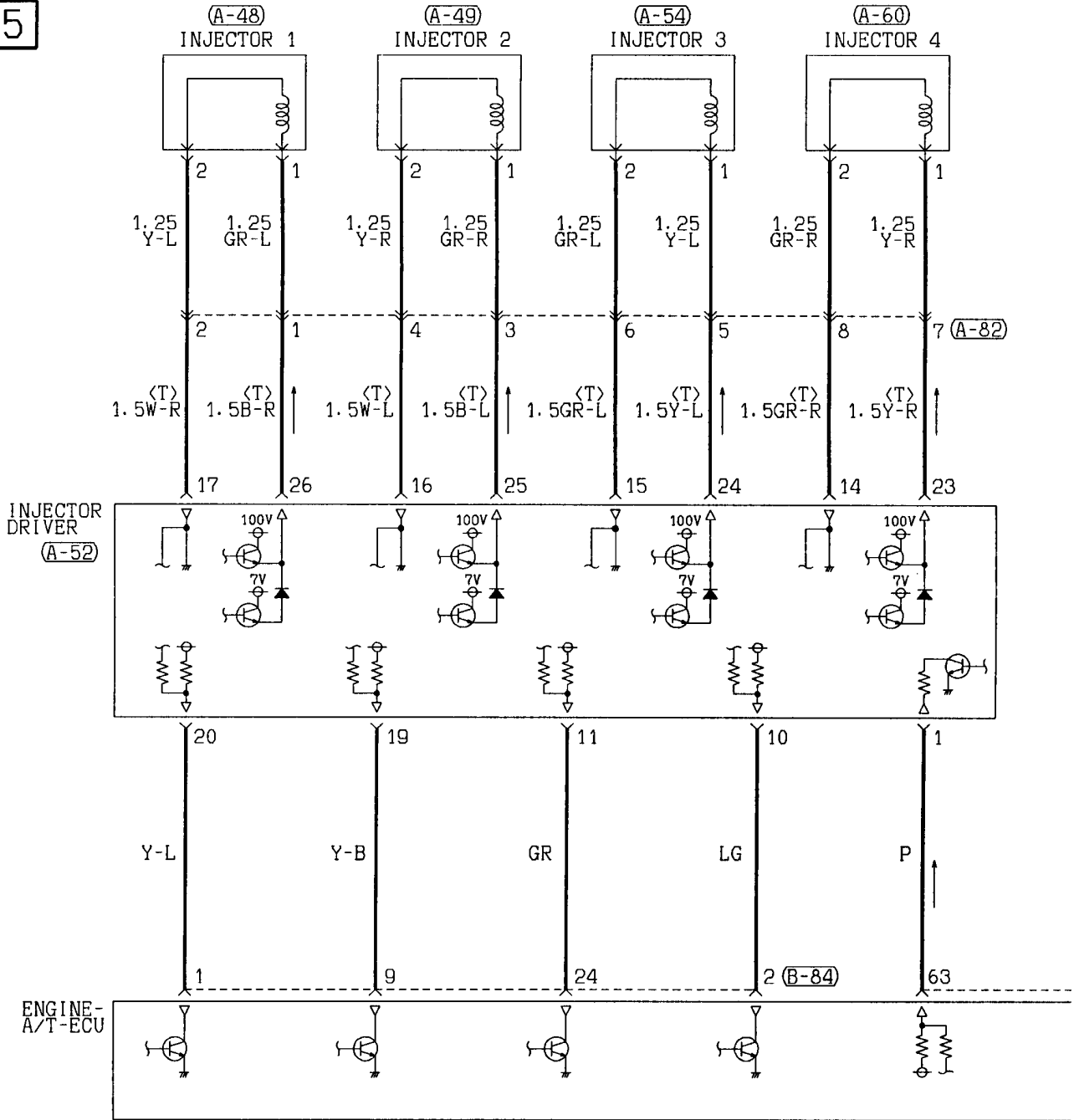
(B-86) (MU803782)

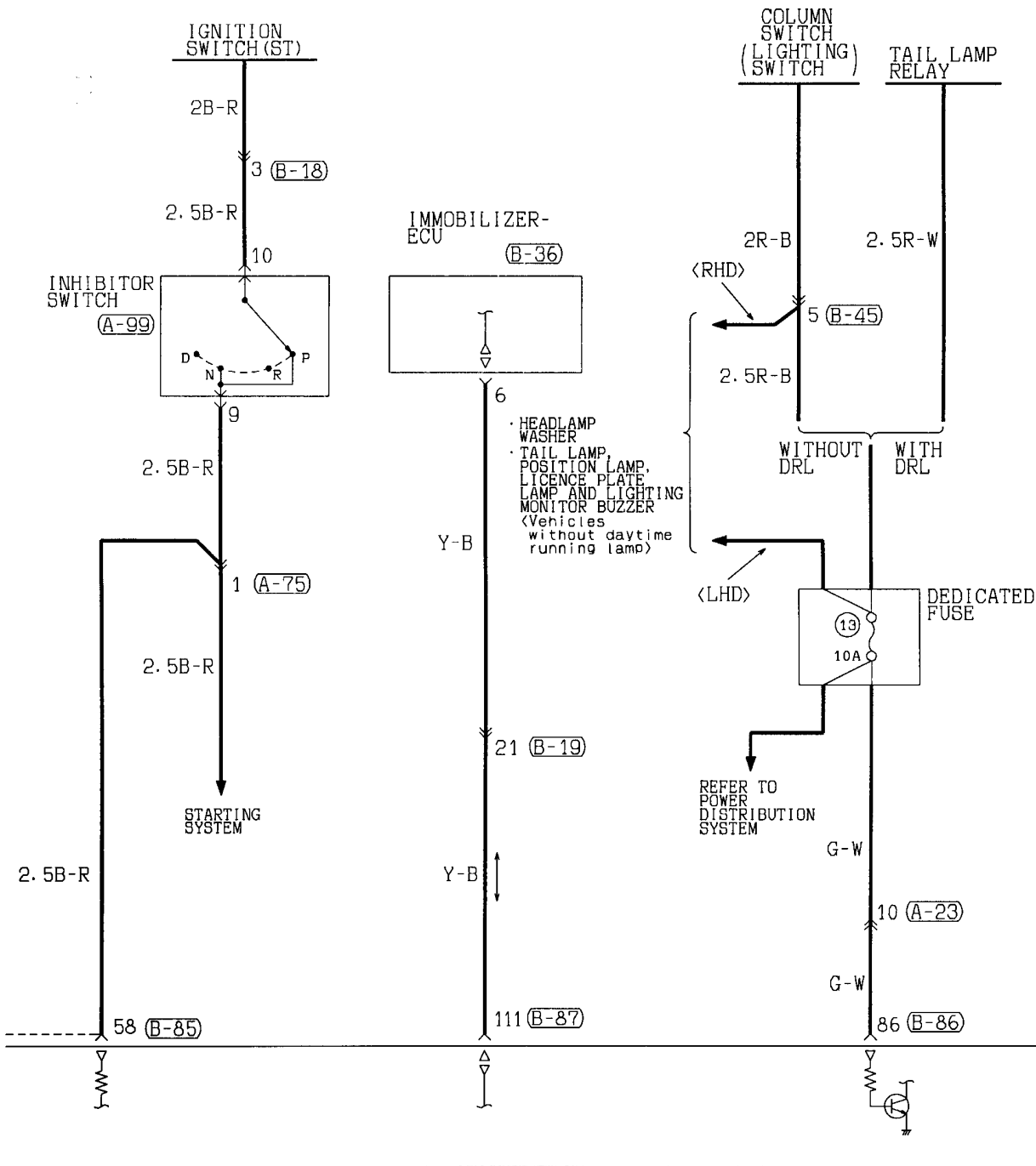
71	72	73	74		75	76	77
78	79	80	81	82	83	84	85
86	87	88	89	90	91	92	93
94	95	96	97	98			

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

ENGINE CONTROL SYSTEM <4G93 engine-A/T> (CONTINUED)

5





(B-18) MU801329

1	2
3	4

(B-19) MU801461

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

(B-36) (MU801583)

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

(B-45) MU801335

1	2	3	4		
5	6	7	8	9	10

(B-84) (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			

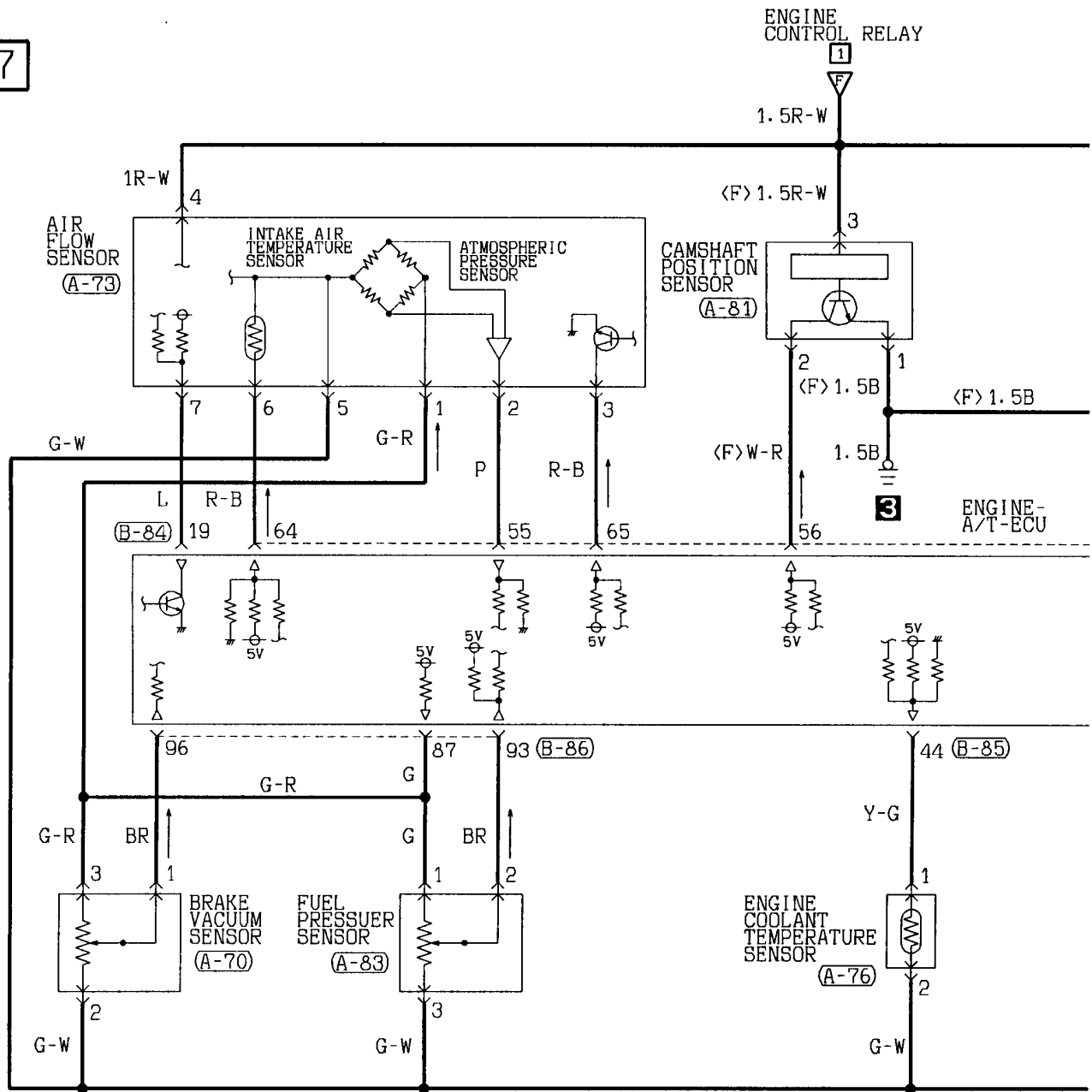
(B-85) (MU803781)

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		

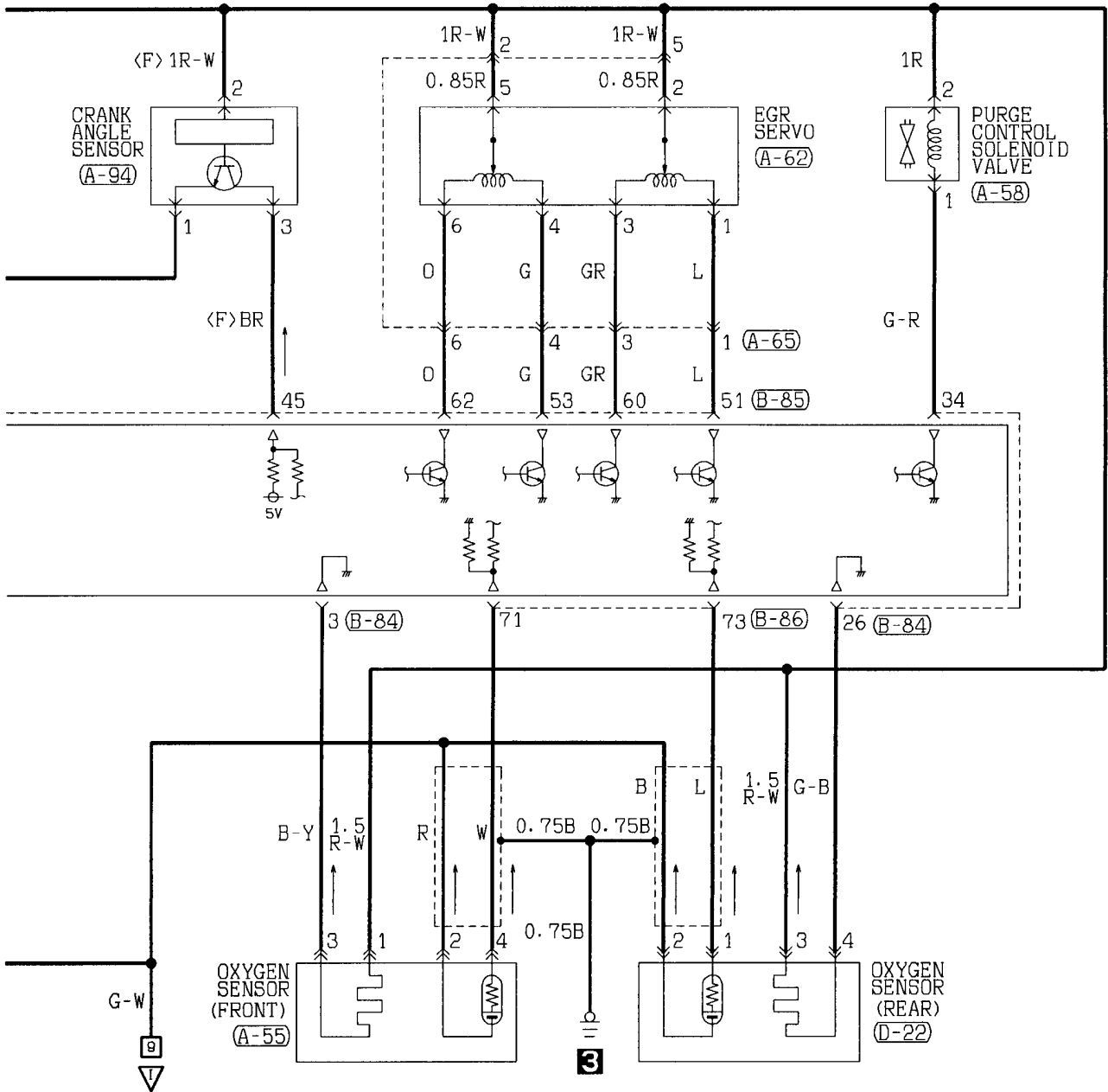
Wire colour code
 B : Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

ENGINE CONTROL SYSTEM <4G93 engine-A/T> (CONTINUED)

7



- (A-55) MU802605
- (A-58) MU802779
- (A-62) (MU802056)
- (A-65) MU802607
- (A-70) (MU802723)
- (A-73)
- (A-76) (MU802406)
- (A-81) MU802337
- (A-83) (MU802408)
- (A-94) (MU802053)



(B-84) (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-85) (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				

(B-86) (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

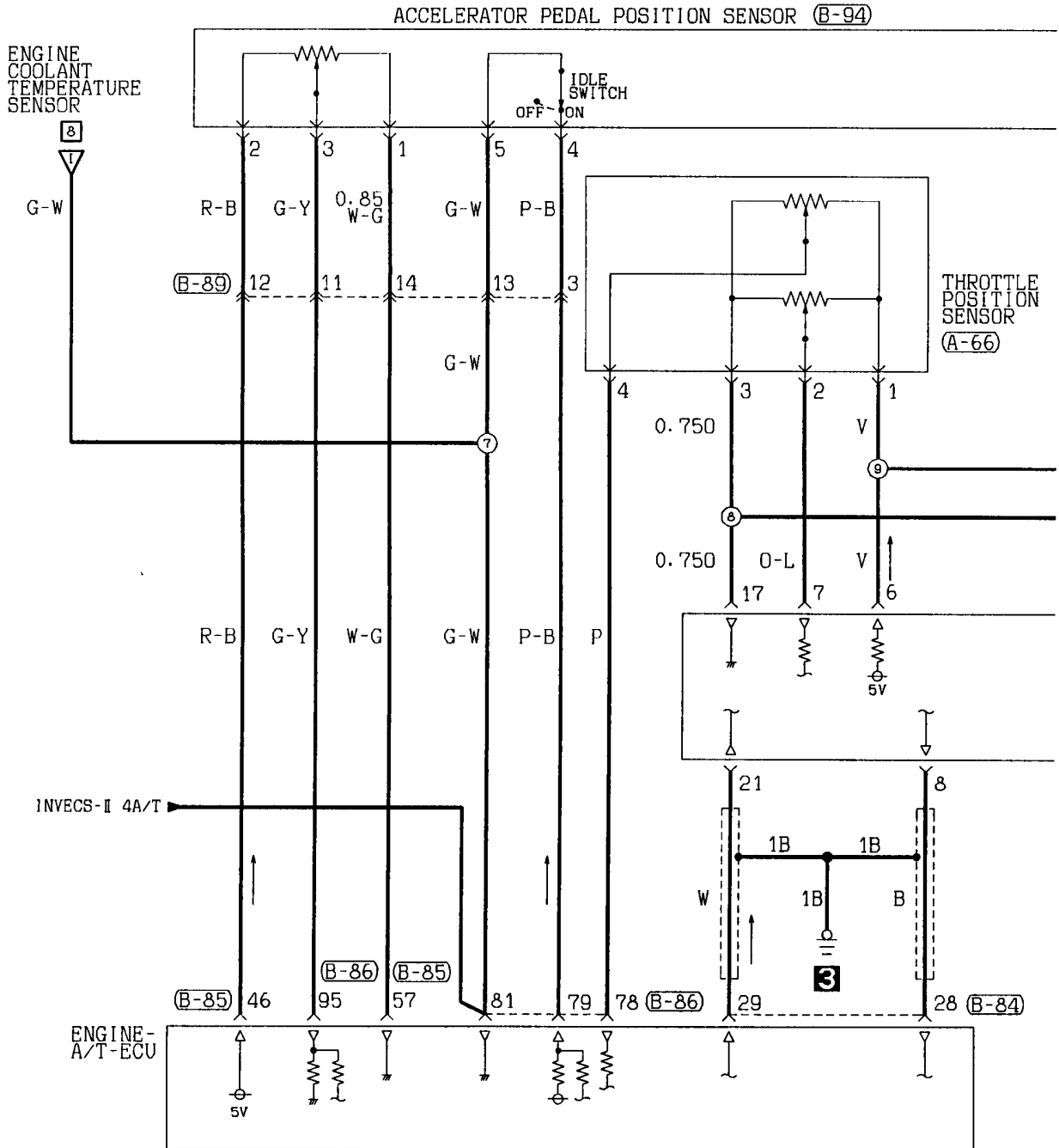
(D-22)
MU801446

1	2	3	4
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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

ENGINE CONTROL SYSTEM <4G93 engine-A/T> (CONTINUED)

9



(A-66) (MU802724)

1	2	3	4
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(A-68) (MU803744)

1	2	3	4
---	---	---	---

(B-15) (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

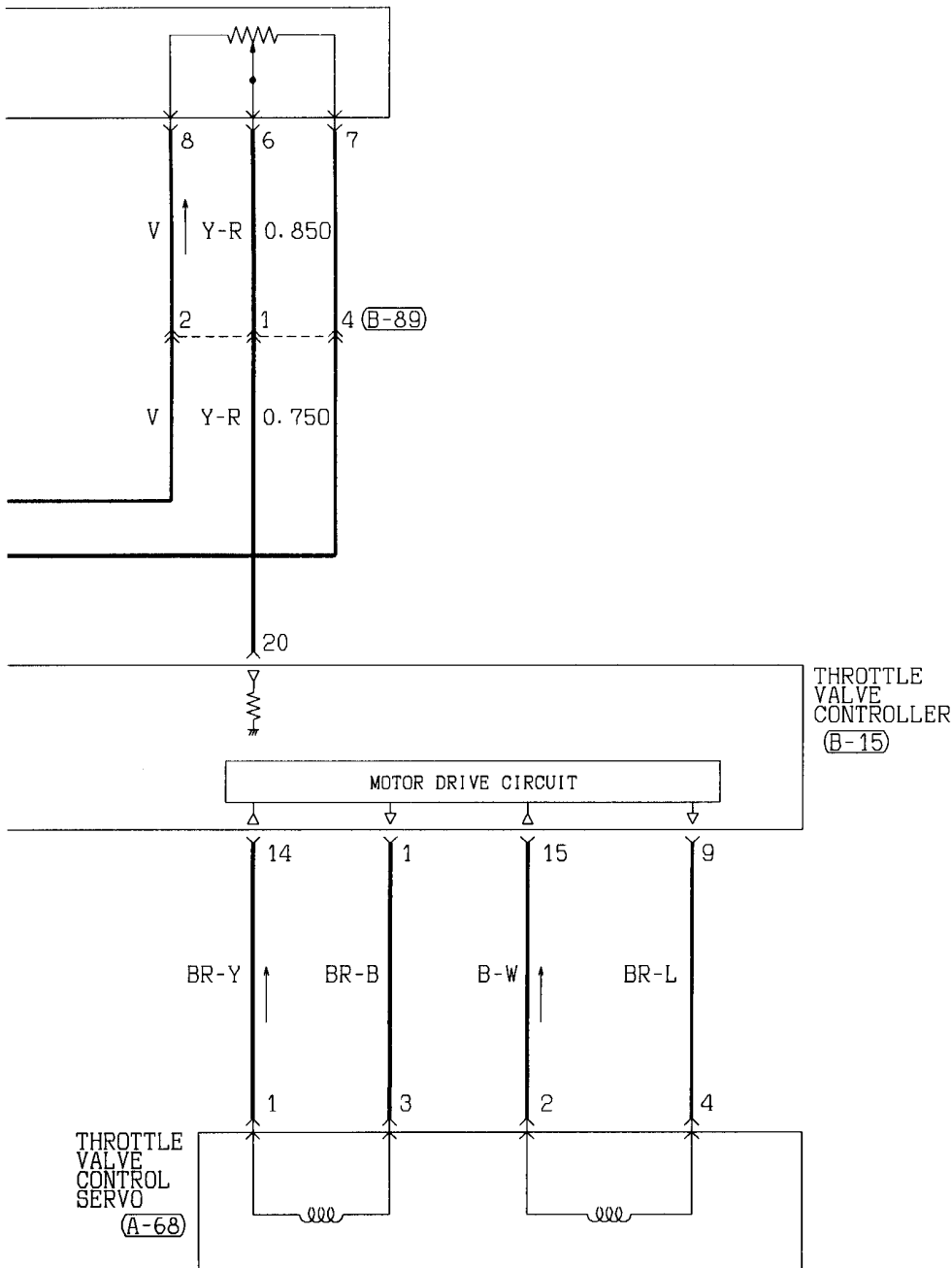
(B-84) (MU803784)

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-85) (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			

10



(B-86) (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-89)

MU801461

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

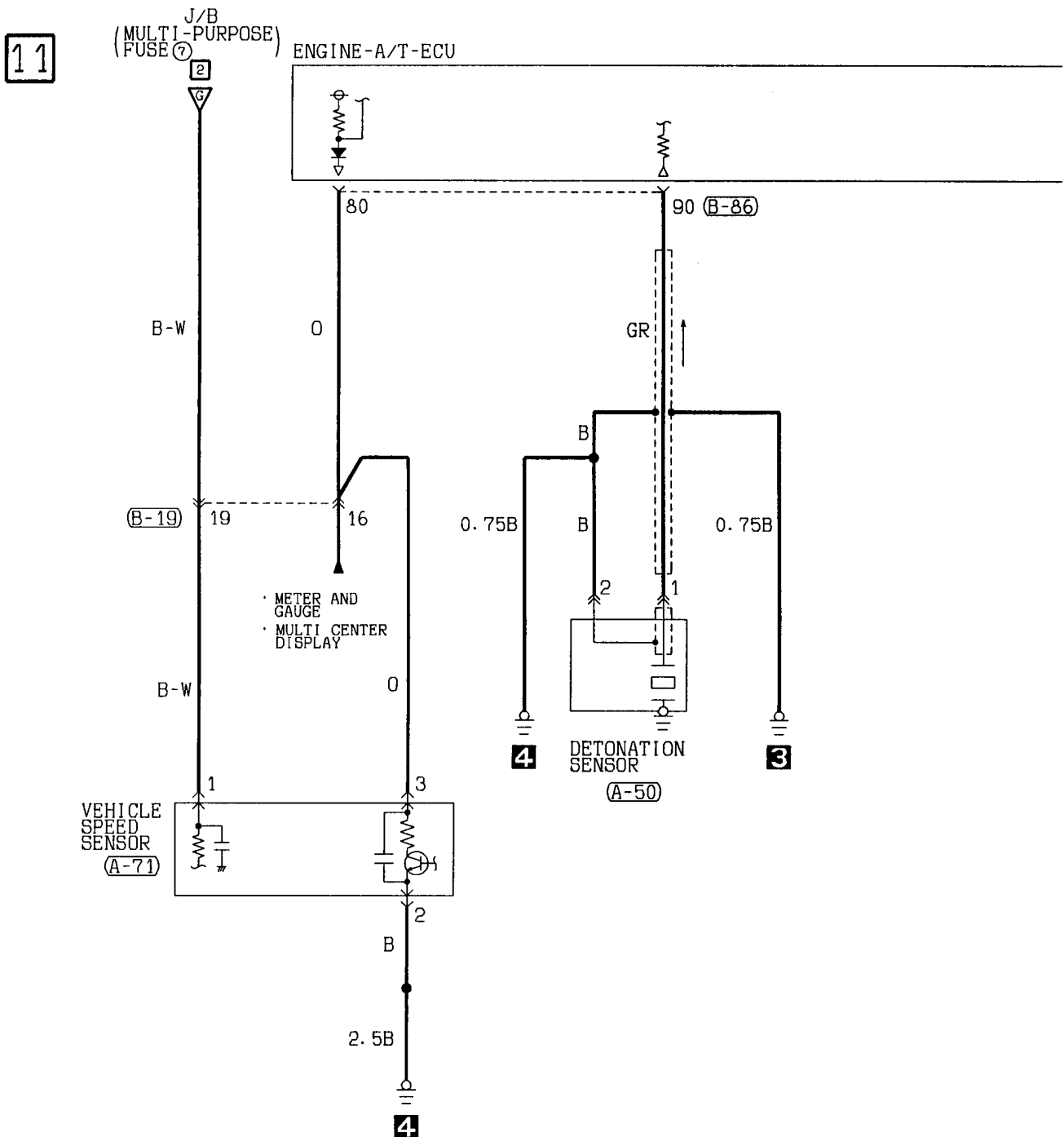
(B-94)

(MU802073)

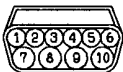
1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

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

ENGINE CONTROL SYSTEM <4G93 engine-A/T> (CONTINUED)



(A-23) MU802355



(A-38)

(A-50) MU802661

(A-71) MU802723

(B-09) (MU801585)

(B-19) MU801461

(B-33) FRONT SIDE

(B-85) (MU803781)

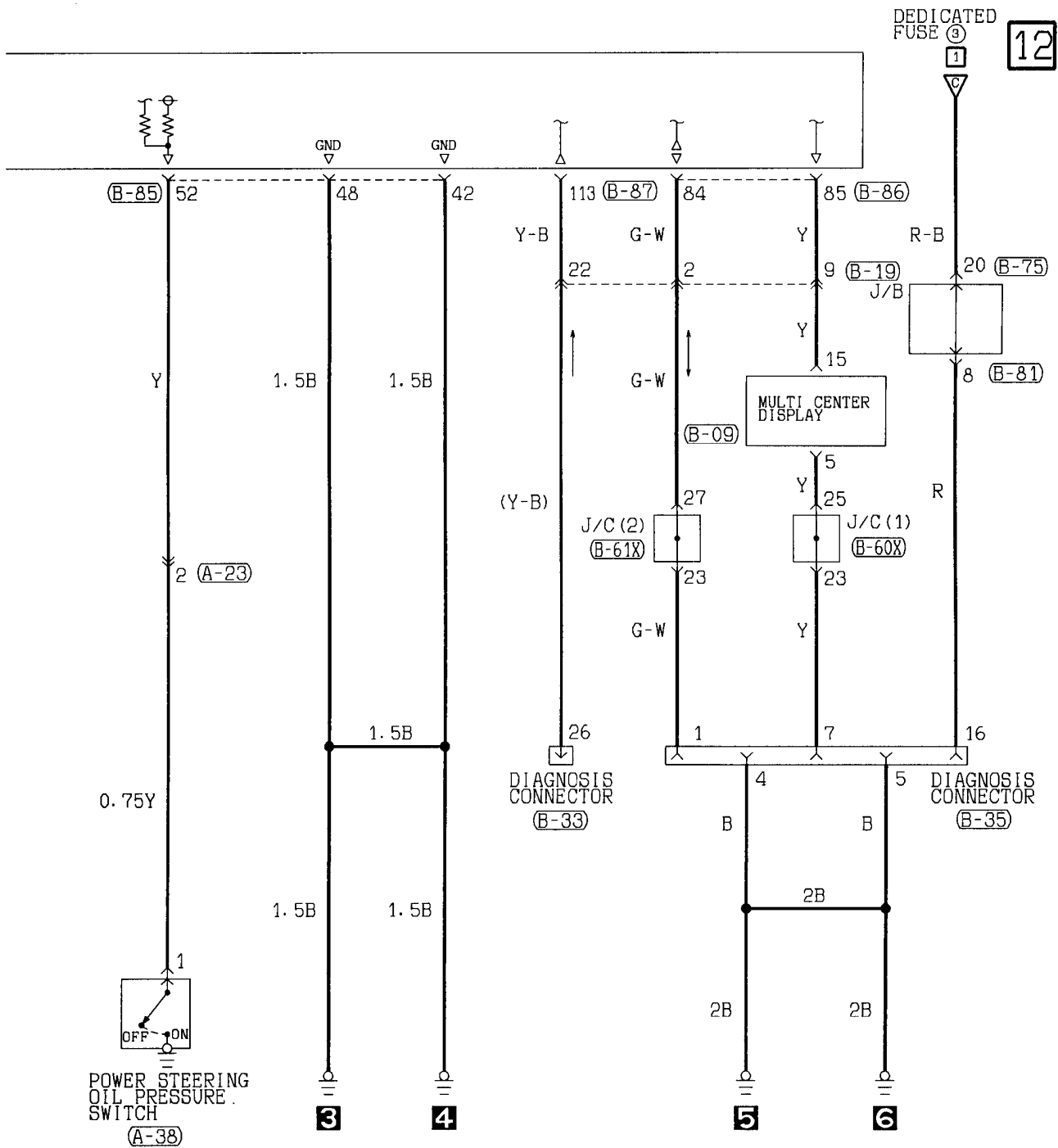
41	42	43		44	45	46
47	48	49	50	51	52	53
54	55	56	57	58	59	60
61	62	63	64	65	66	

(B-86) (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-87) (MU803783)

101	102	103	104		105	106	107
108	109	110	111	112	113	114	115
116	117	118	119	120	121	122	123
124	125	126	127	128	129	130	

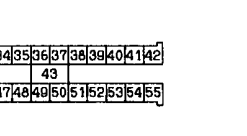
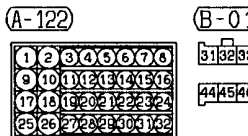
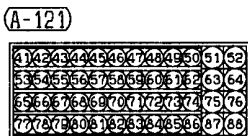
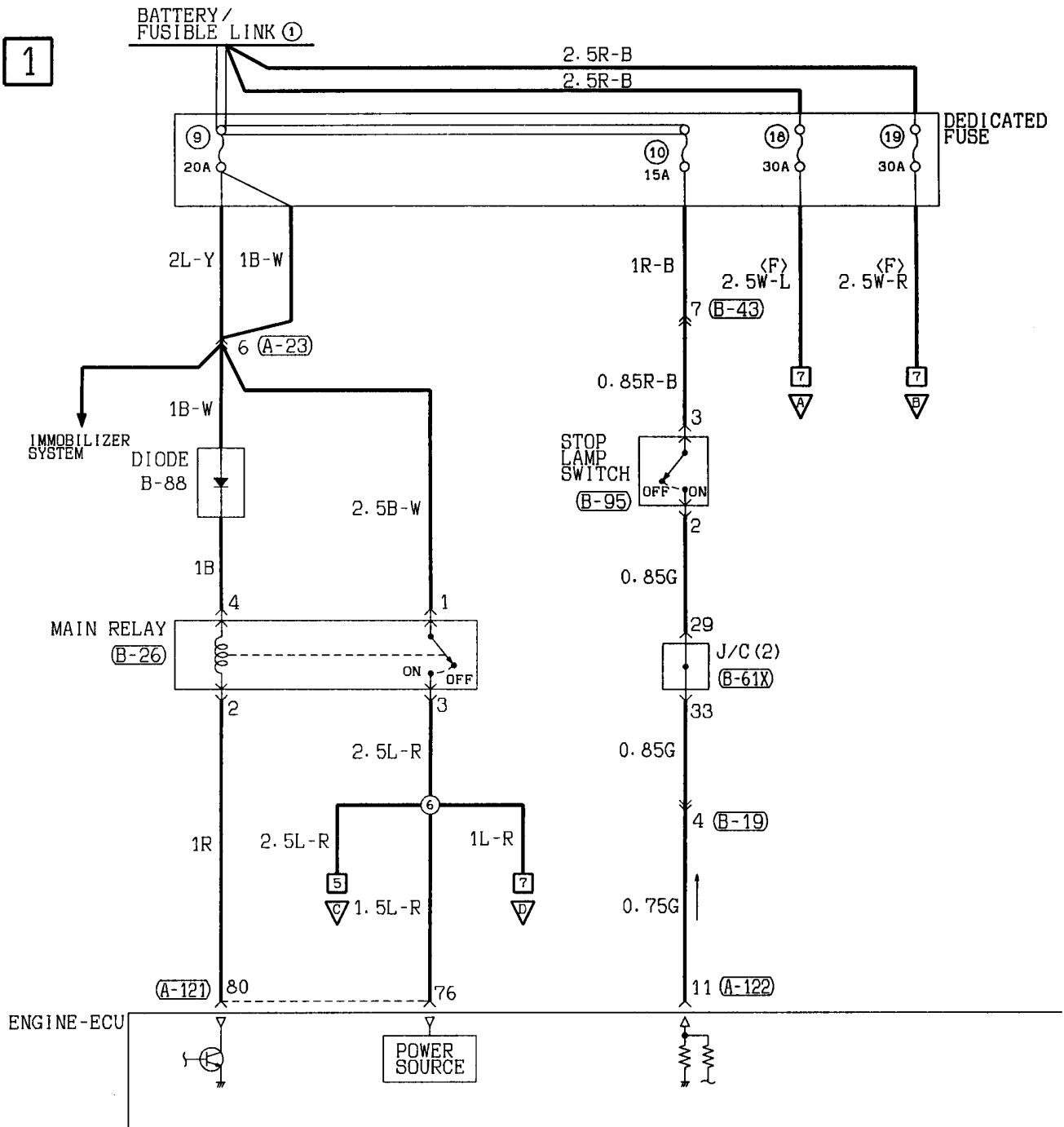


(B-35) FRONT SIDE	(B-60X)	(B-61X)	(B-75) MU801457	(B-81) MU801461
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	1 2 3 4 M 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 M 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

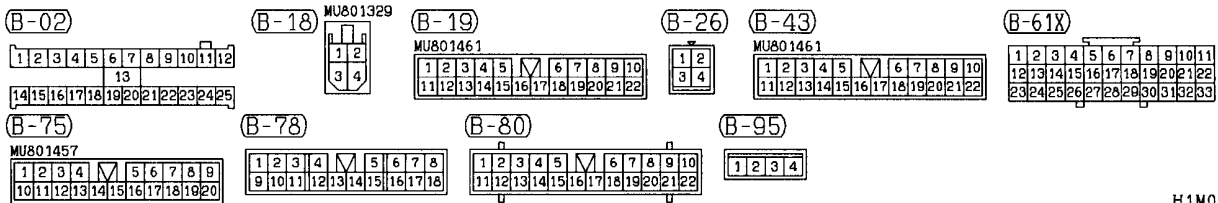
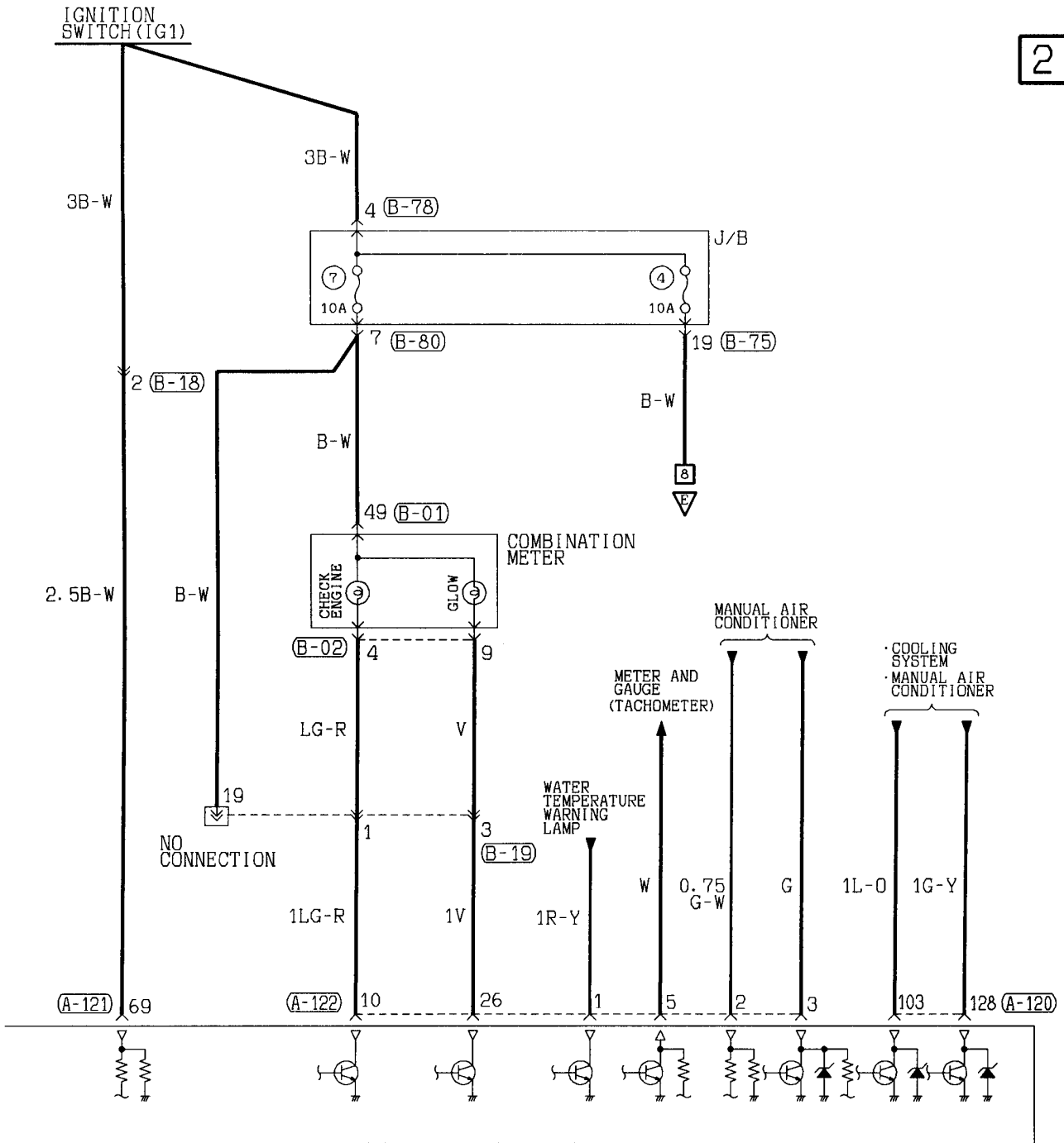
Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

ENGINE CONTROL SYSTEM

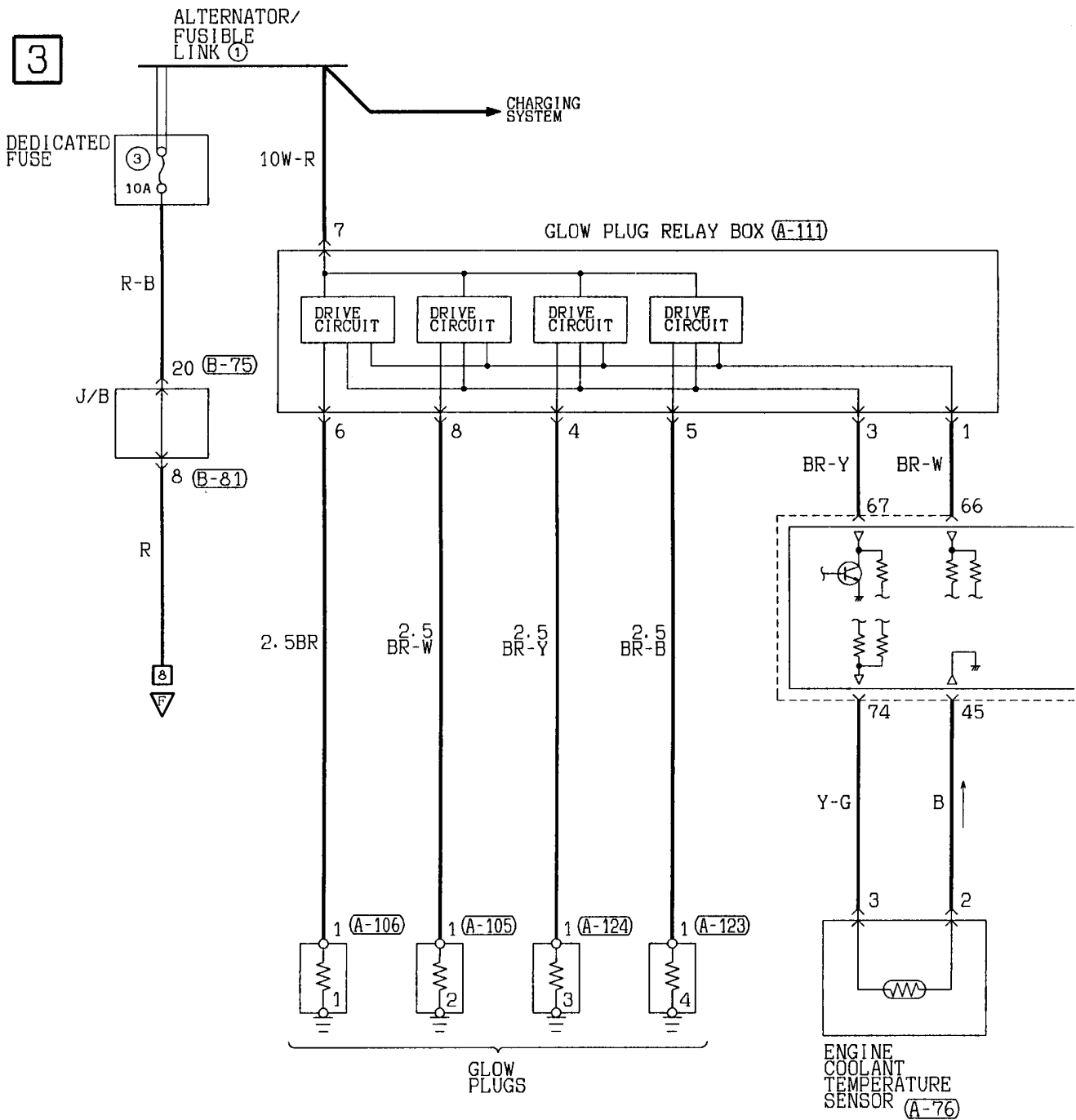
F9Q1 engine



2

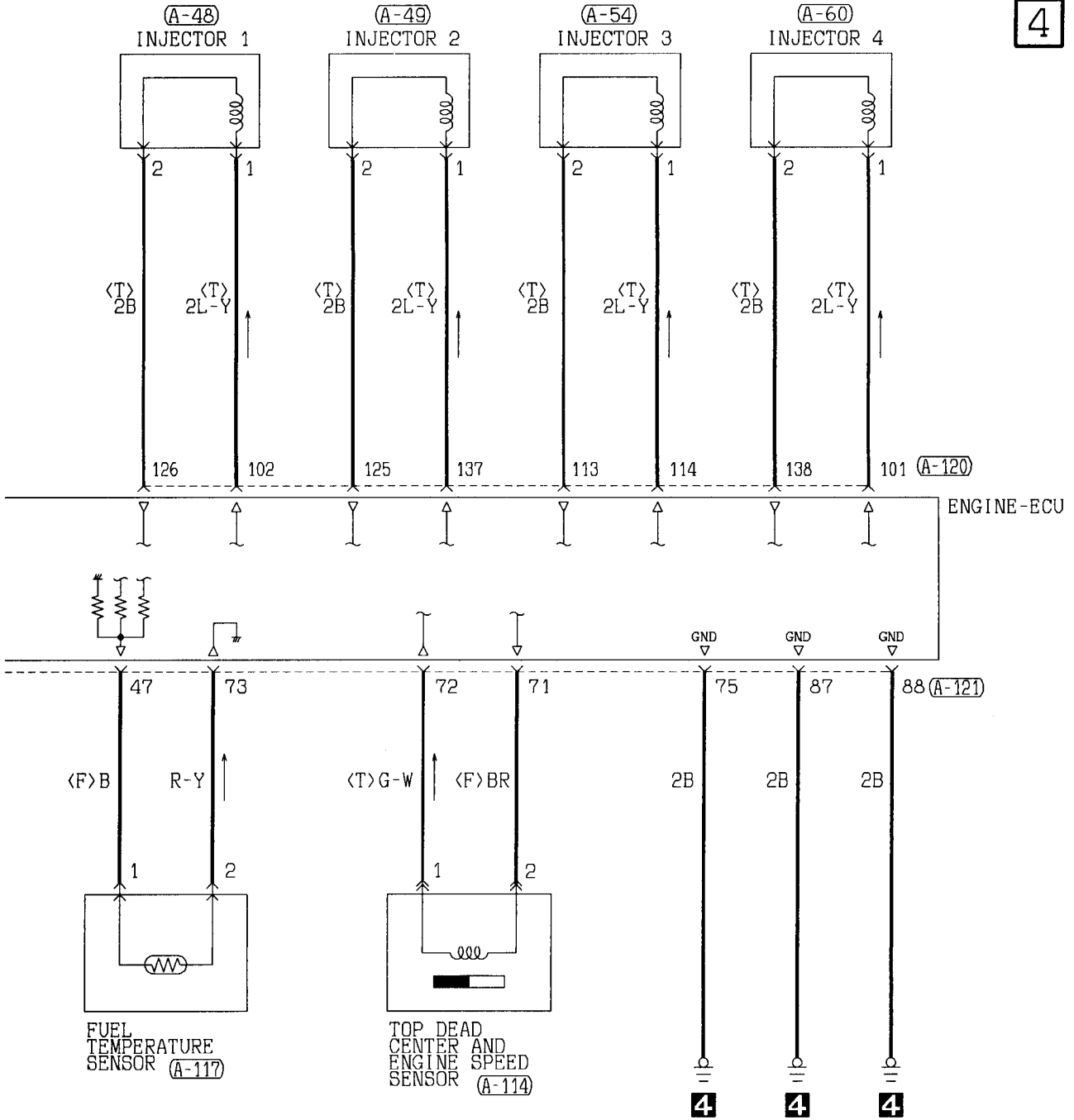


ENGINE CONTROL SYSTEM <F9Q1 engine> (CONTINUED)



- (A-48) (MU802722)
- (A-49) (MU802722)
- (A-54) (MU802722)
- (A-60) (MU802722)
- (A-76)
- (A-105) 1
- (A-106) 1
- (A-111)
- (A-114)
- (A-117)
- (A-120)

4



(A-121)

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	69	70	71	72	73	74	75	76
77	78	79	80	81	82	83	84	85	86	87	88

(A-123)

①

(A-124)

①

(B-75)

MU801457

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

(B-81)

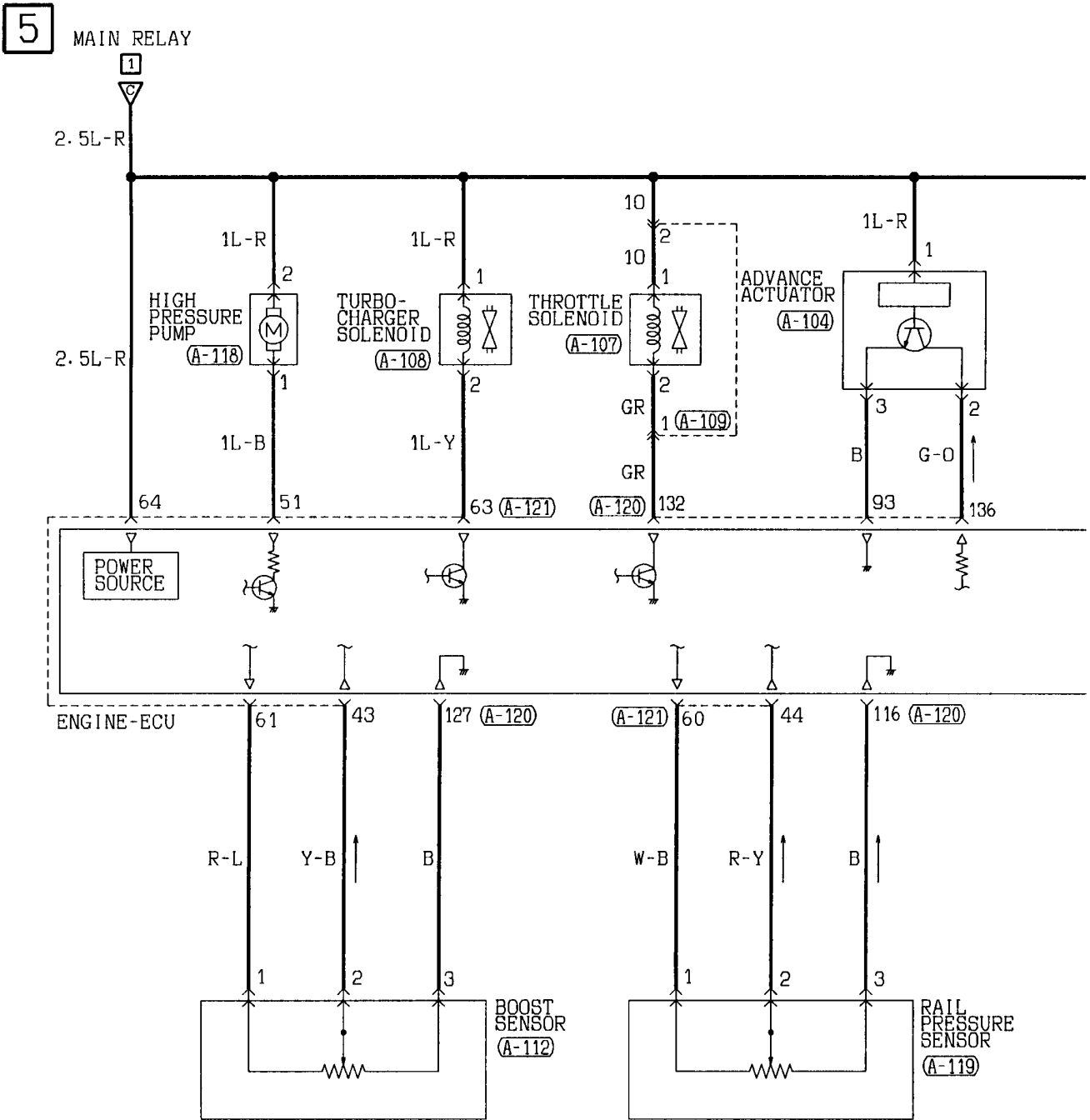
MU801461

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

Wire colour code

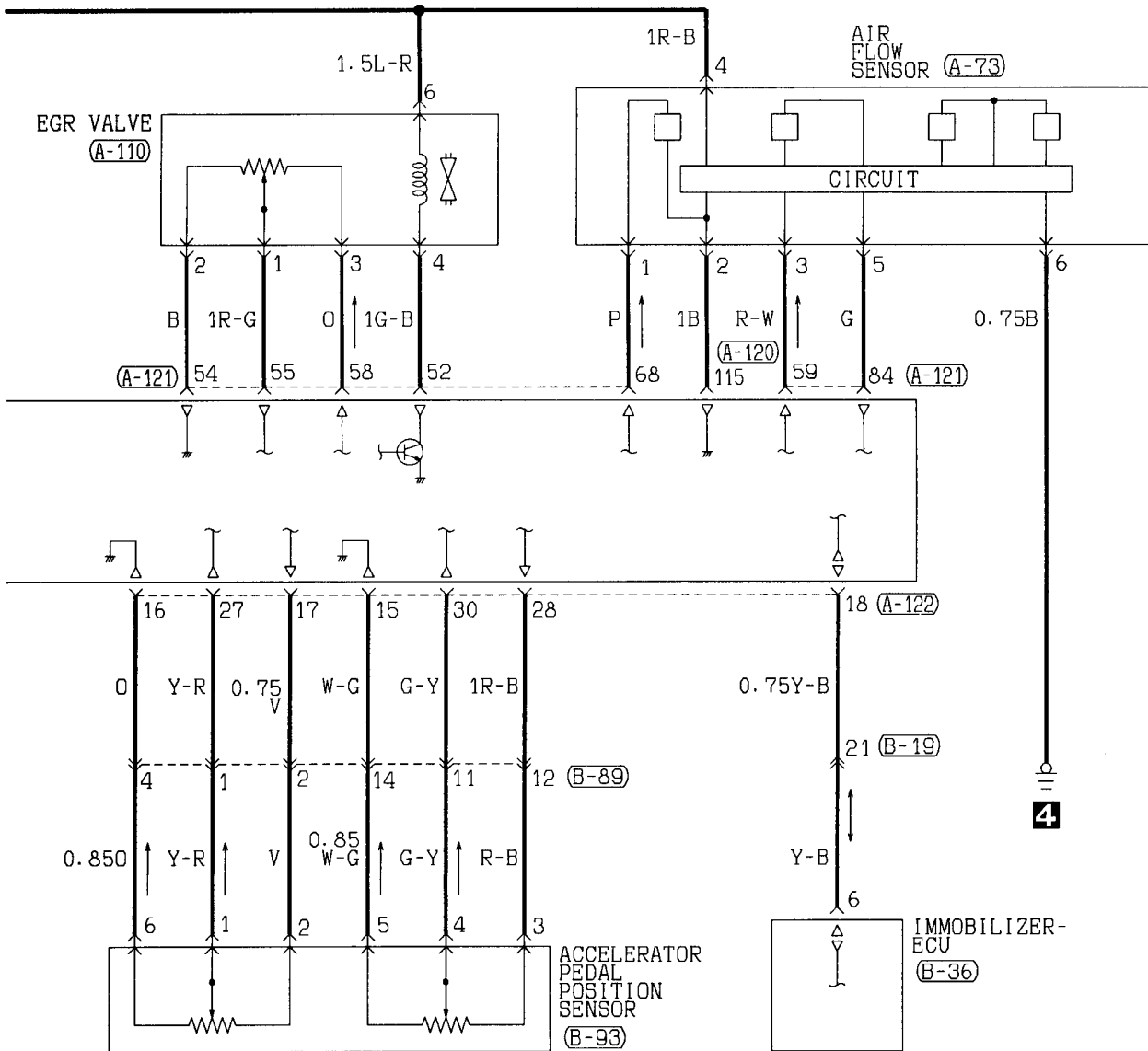
B : Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

ENGINE CONTROL SYSTEM <F9Q1 engine> (CONTINUED)



- (A-73)
- (A-104)
- (A-107)
- (A-108)
- (A-109)
- (A-110)
- (A-112)
- (A-118) (MU802722)
- (A-119) (MU802723)
- (A-120)

6



(A-121)

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	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	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	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

(A-122)

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

(B-19)

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

(B-36)

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

(B-89)

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

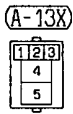
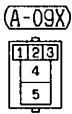
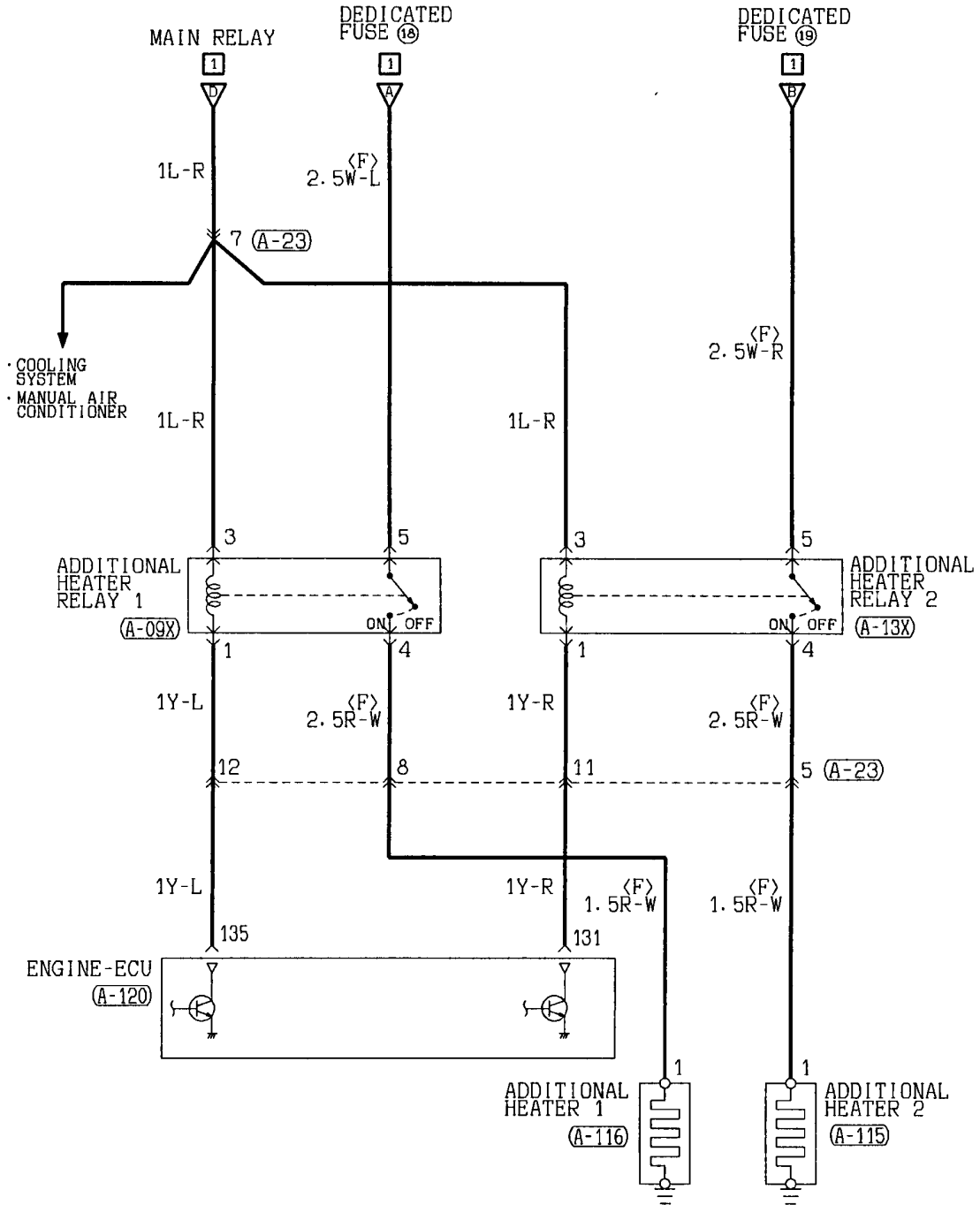
(B-93)

1	2	3	4	5	6
---	---	---	---	---	---

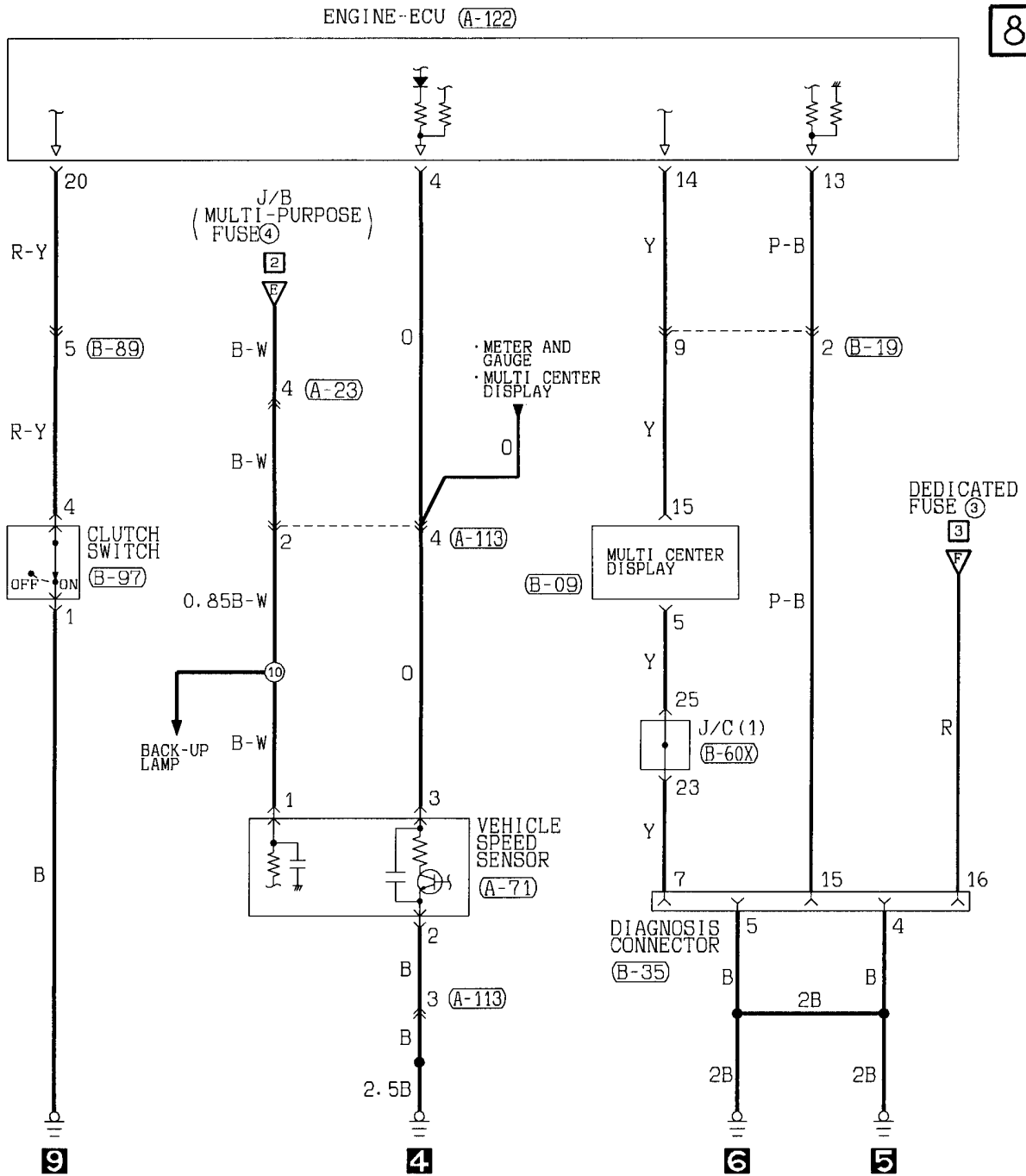
Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

ENGINE CONTROL SYSTEM <F9Q1 engine> (CONTINUED)

7



8



(B-09) (MU801585)

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

(B-19) MU801461

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

(B-35) FRONT SIDE

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

(B-60X)

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-89) MU801461

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

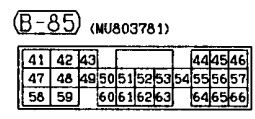
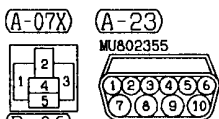
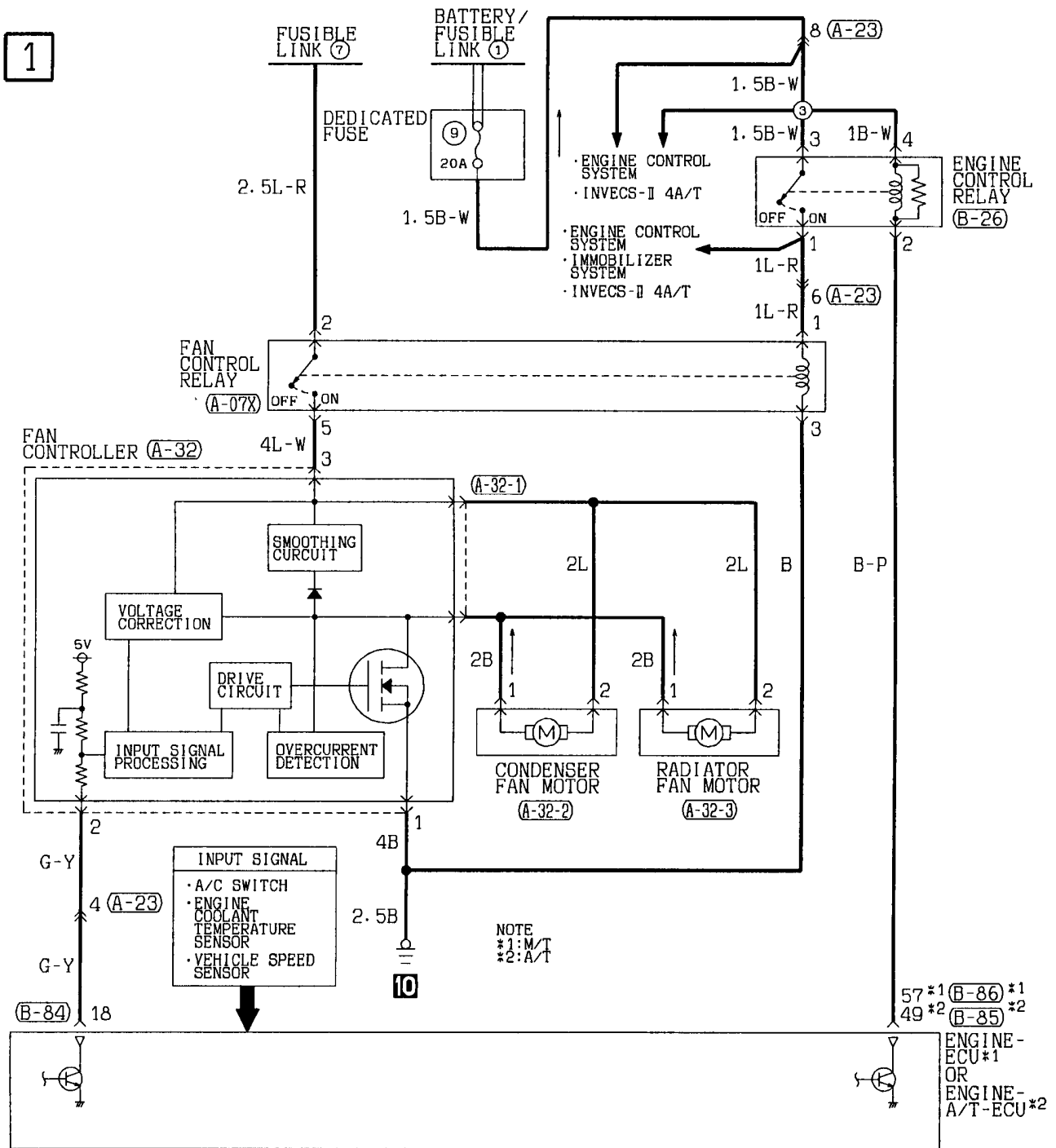
(B-97)

1	2
3	4

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

COOLING SYSTEM

4G93 engine



(B-86) (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					

Wire colour code

B : Black LG : Light green G : Green L : Blue

BR : Brown O : Orange GR : Gray R : Red

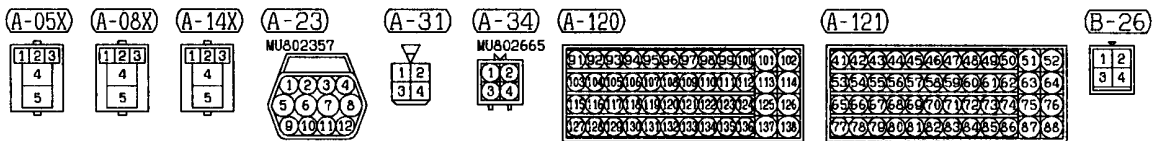
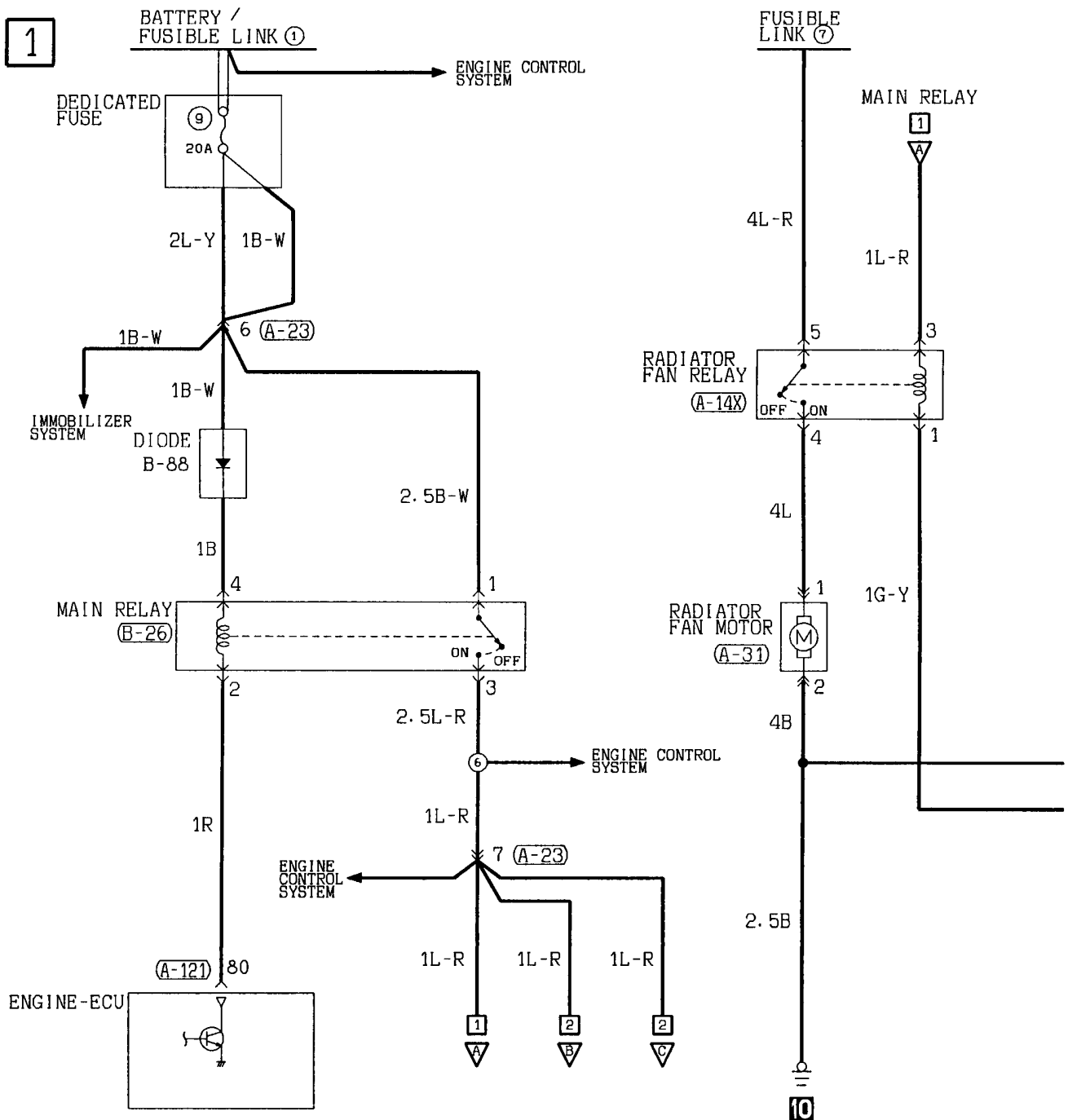
W : White SB : Sky blue P : Pink Y : Yellow

V : Violet

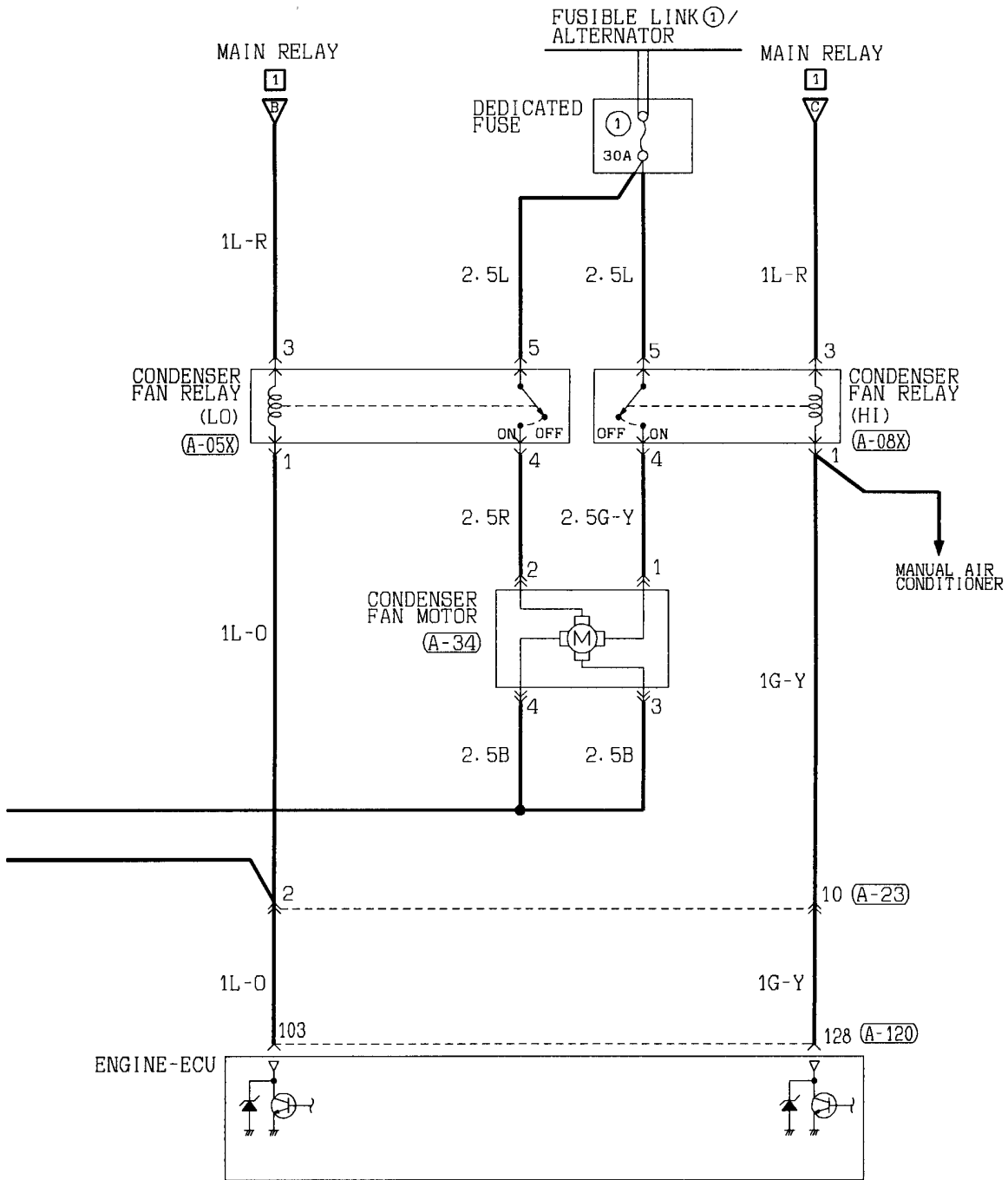
NOTES

COOLING SYSTEM

F9Q1 engine

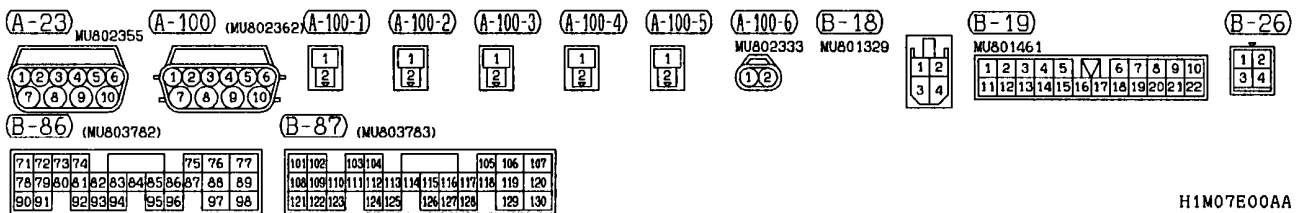
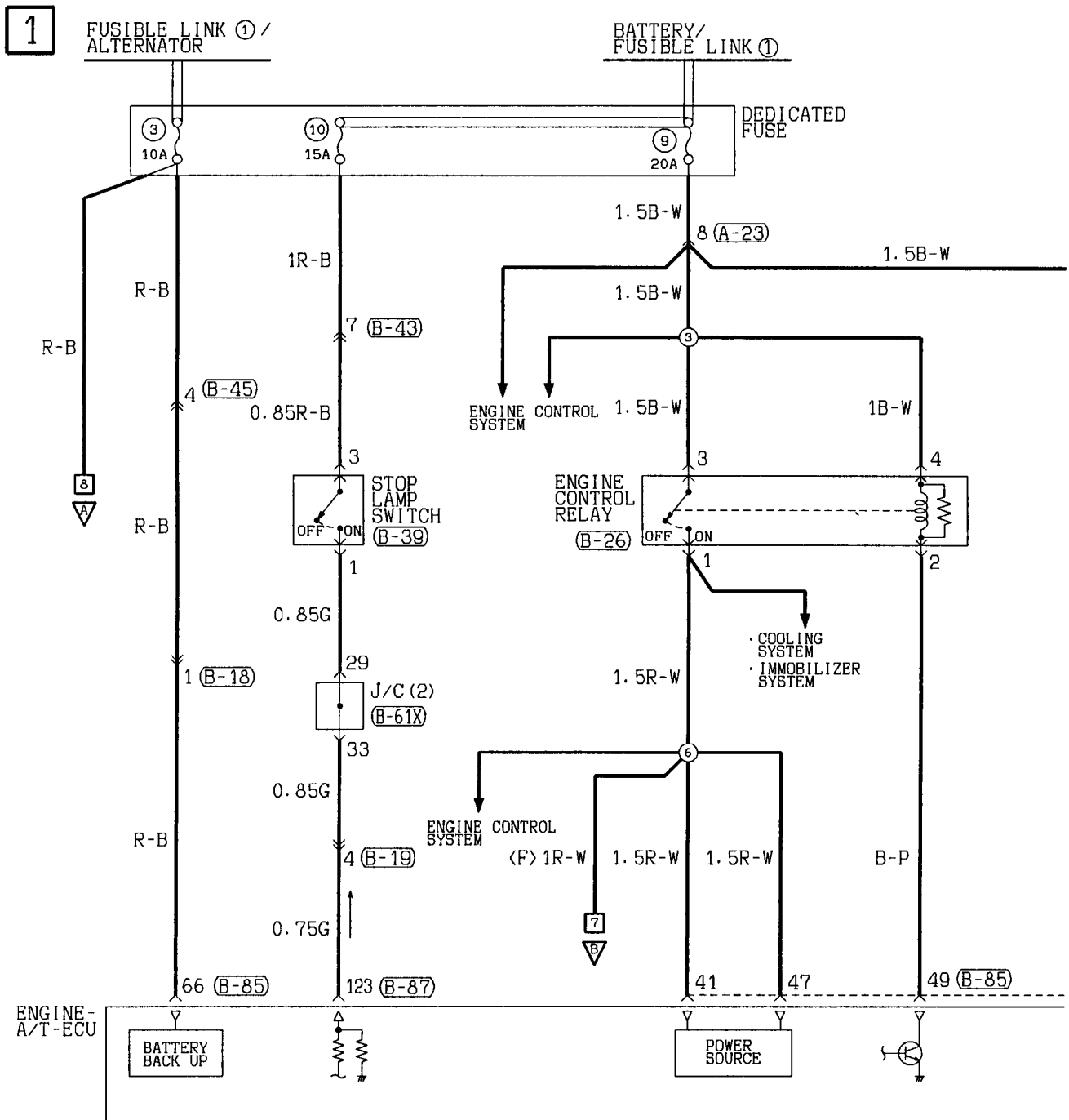


2



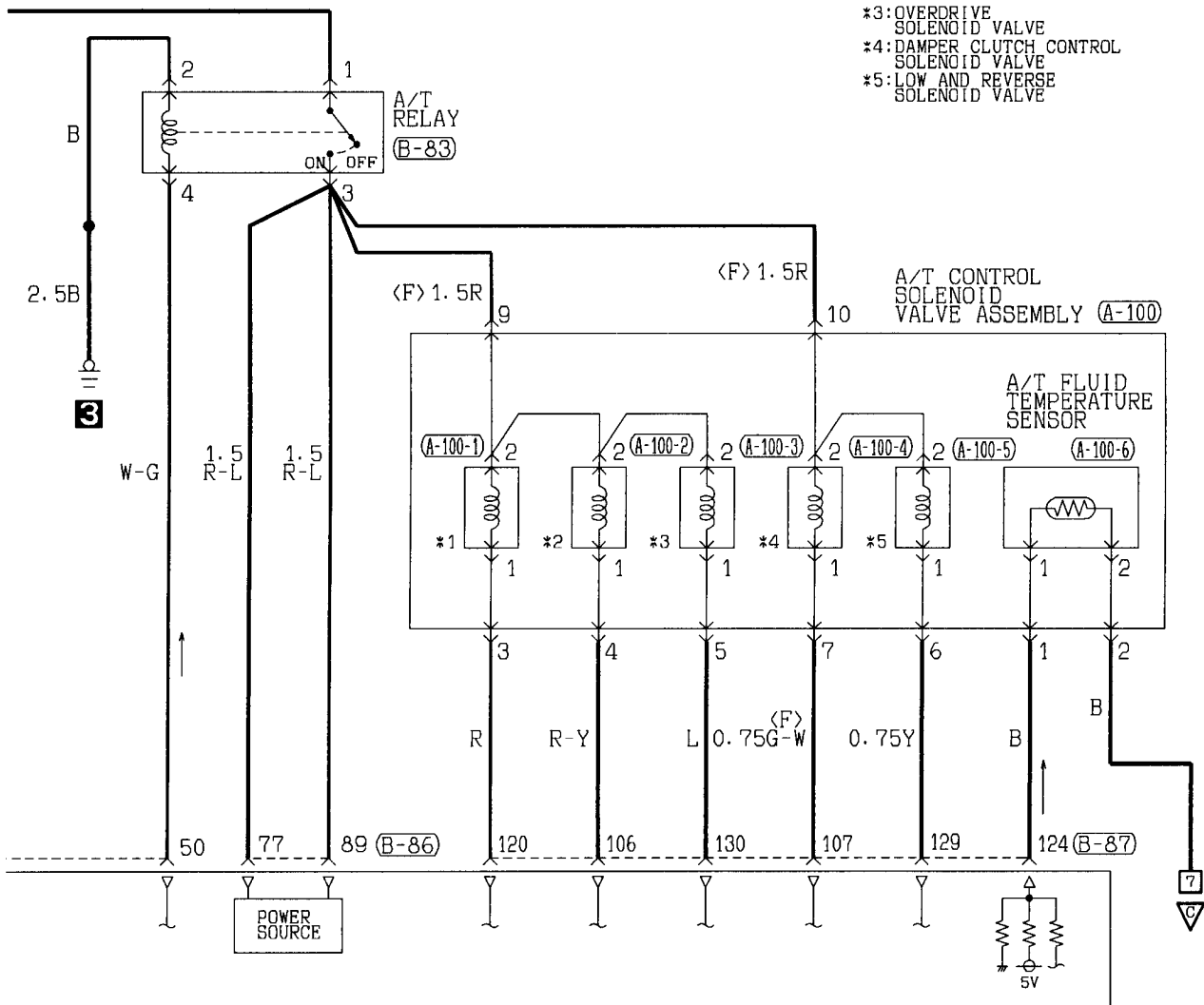
Wire colour code
 B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

INVECS-II 4A/T



2

NOTE
 *1: UNDERDRIVE SOLENOID VALVE
 *2: SECOND SOLENOID VALVE
 *3: OVERDRIVE SOLENOID VALVE
 *4: DAMPER CLUTCH CONTROL SOLENOID VALVE
 *5: LOW AND REVERSE SOLENOID VALVE



(B-39)

1	2	3
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(B-43) MU801461

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

(B-45) MU801335

1	2	3	4		
5	6	7	8	9	10

(B-61X)

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)

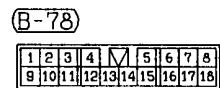
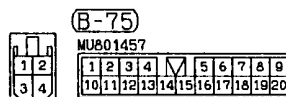
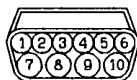
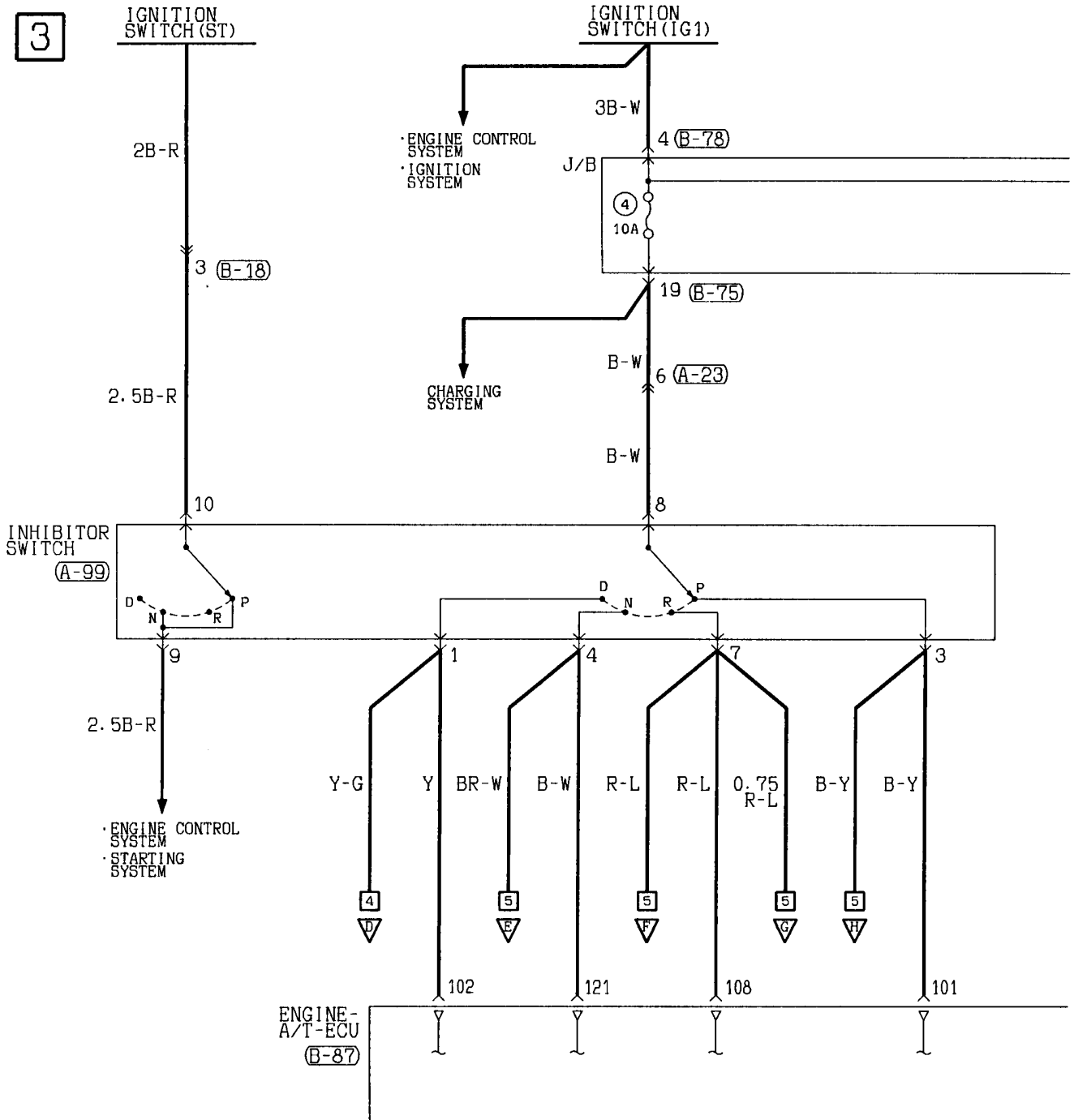
1	2
3	4

(B-85) (MU803781)

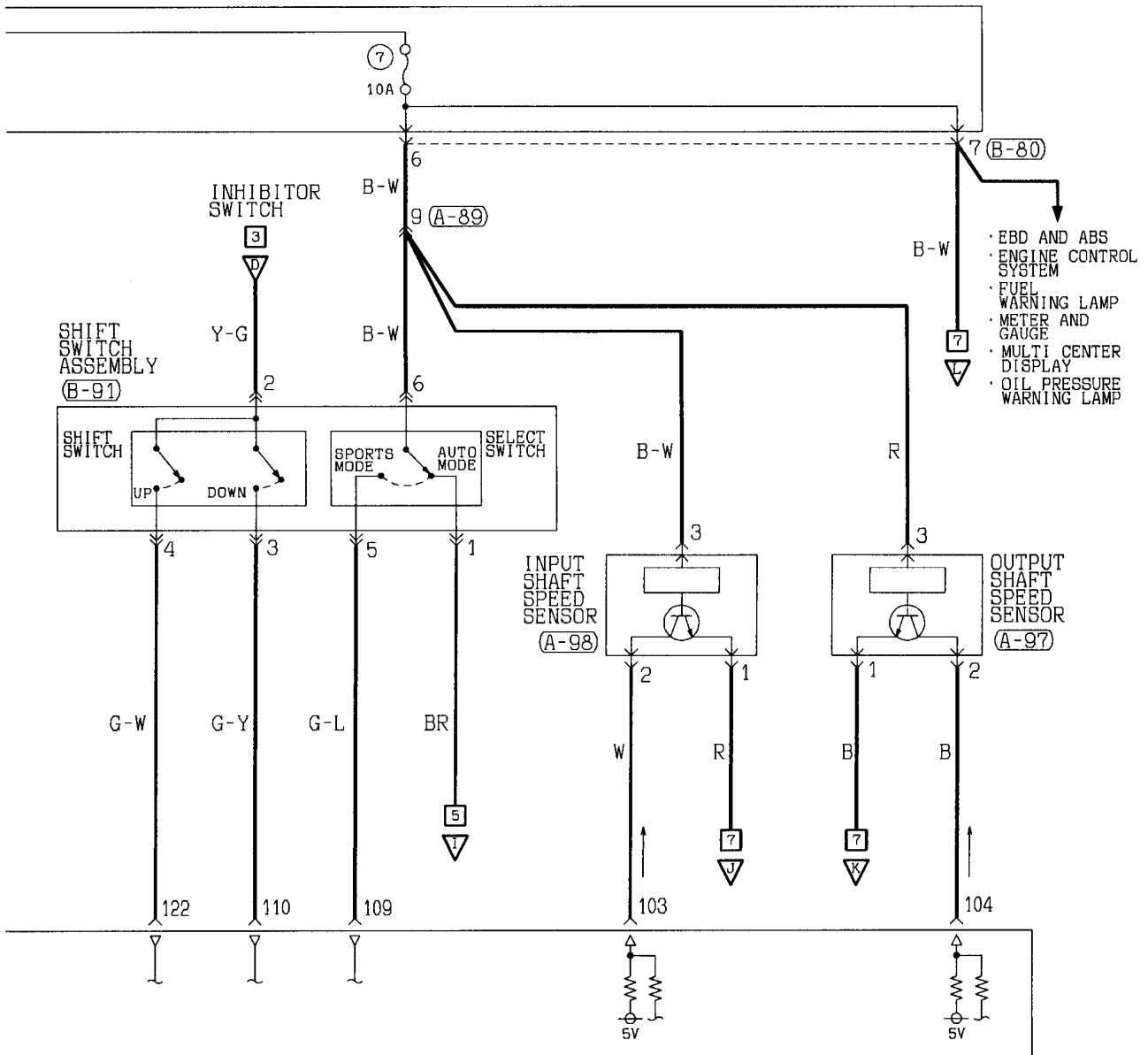
41	42	43	44	45	46					
47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66		

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

INVECS-II 4A/T (CONTINUED)



4



(B-80)

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

(B-87) (MU803783)

101	102	103	104	105	106	107
108	109	110	111	112	113	114
115	116	117	118	119	120	121
122	123	124	125	126	127	128
129	130					

(B-89) MU801461

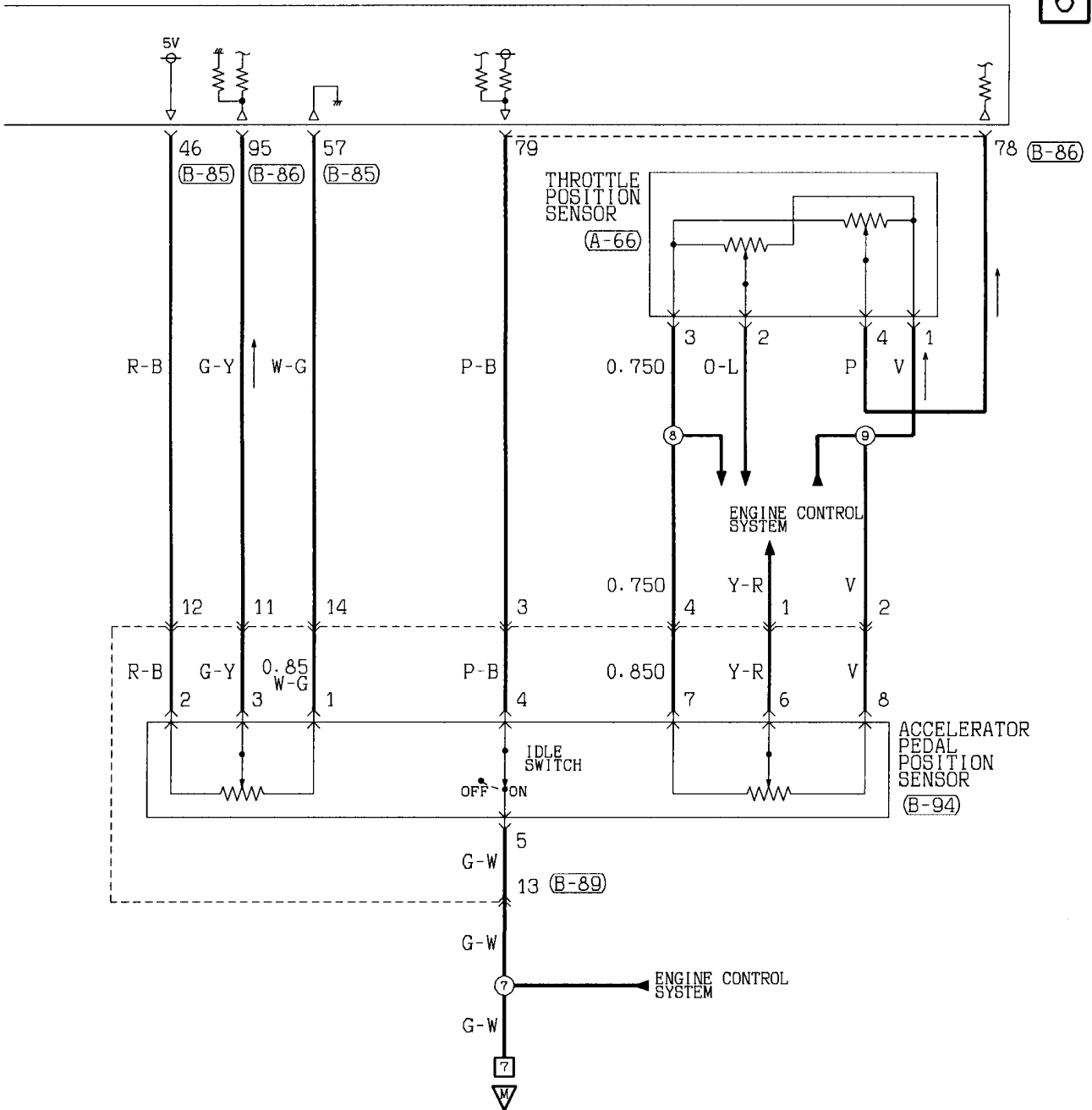
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

(B-91) MU801447

1	2
3	4
5	6

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

6



(B-61X)

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-85) (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				

(B-86) (MU803782)

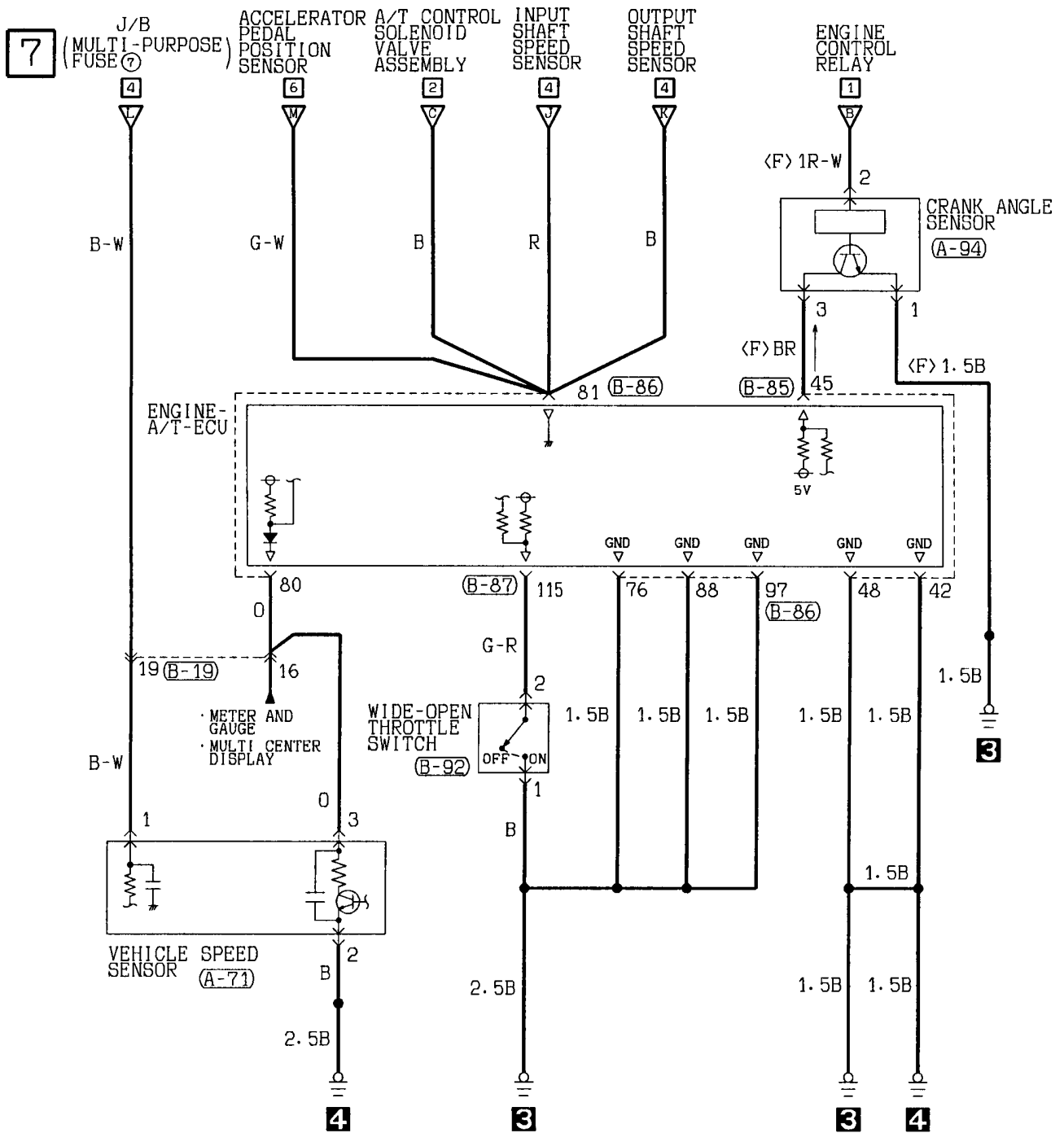
71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98

(B-87) (MU803783)

101	102	103	104	105	106	107
108	109	110	111	112	113	114
115	116	117	118	119	120	121
122	123	124	125	126	127	128
129	130					

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

INVECS-II 4A/T (CONTINUED)



(A-71) (MU802723)

1	2	3
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(A-94) (MU802723)

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

(B-09) (MU801585)

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

(B-19) (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

(B-33) FRONT SIDE

25	24	23	22	21
32	31	30	29	28
27	26	25	24	23

(B-35) FRONT SIDE

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

(B-45) (MU801335)

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

(B-85) (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	67	68	69	70

(B-86) (MU803782)

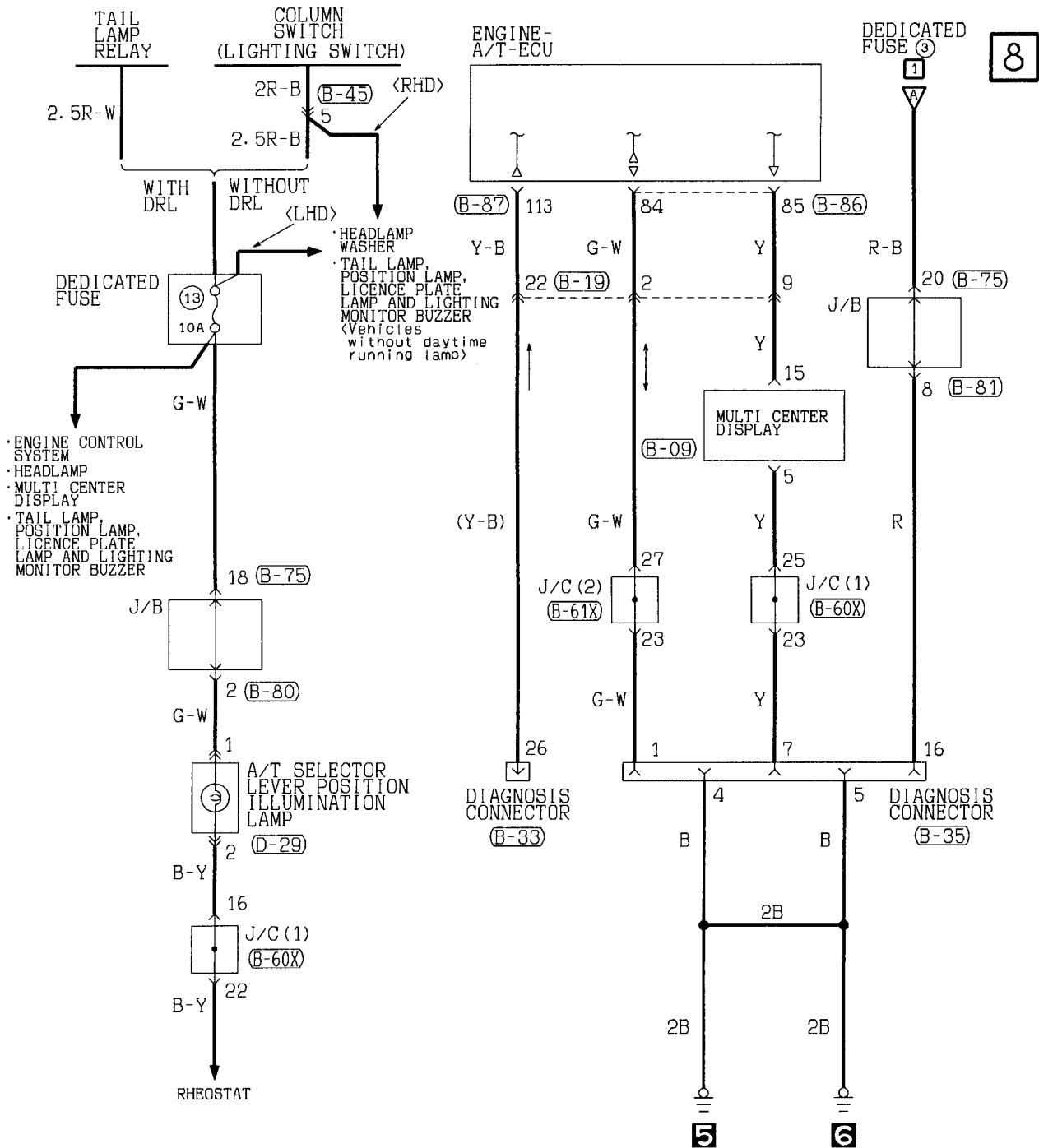
71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98

(B-87) (MU803783)

101	102	103	104	105	106	107
108	109	110	111	112	113	114
115	116	117	118	119	120	121
122	123	124	125	126	127	128
129	130	131	132	133	134	135

(B-92) (MU801441)

1	2
---	---



(B-60X)

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-61X)

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-75)

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-80)

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

(B-81)

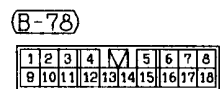
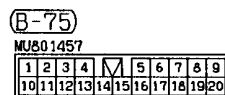
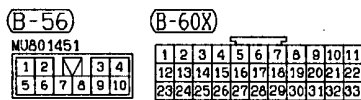
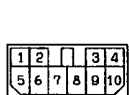
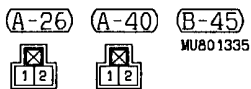
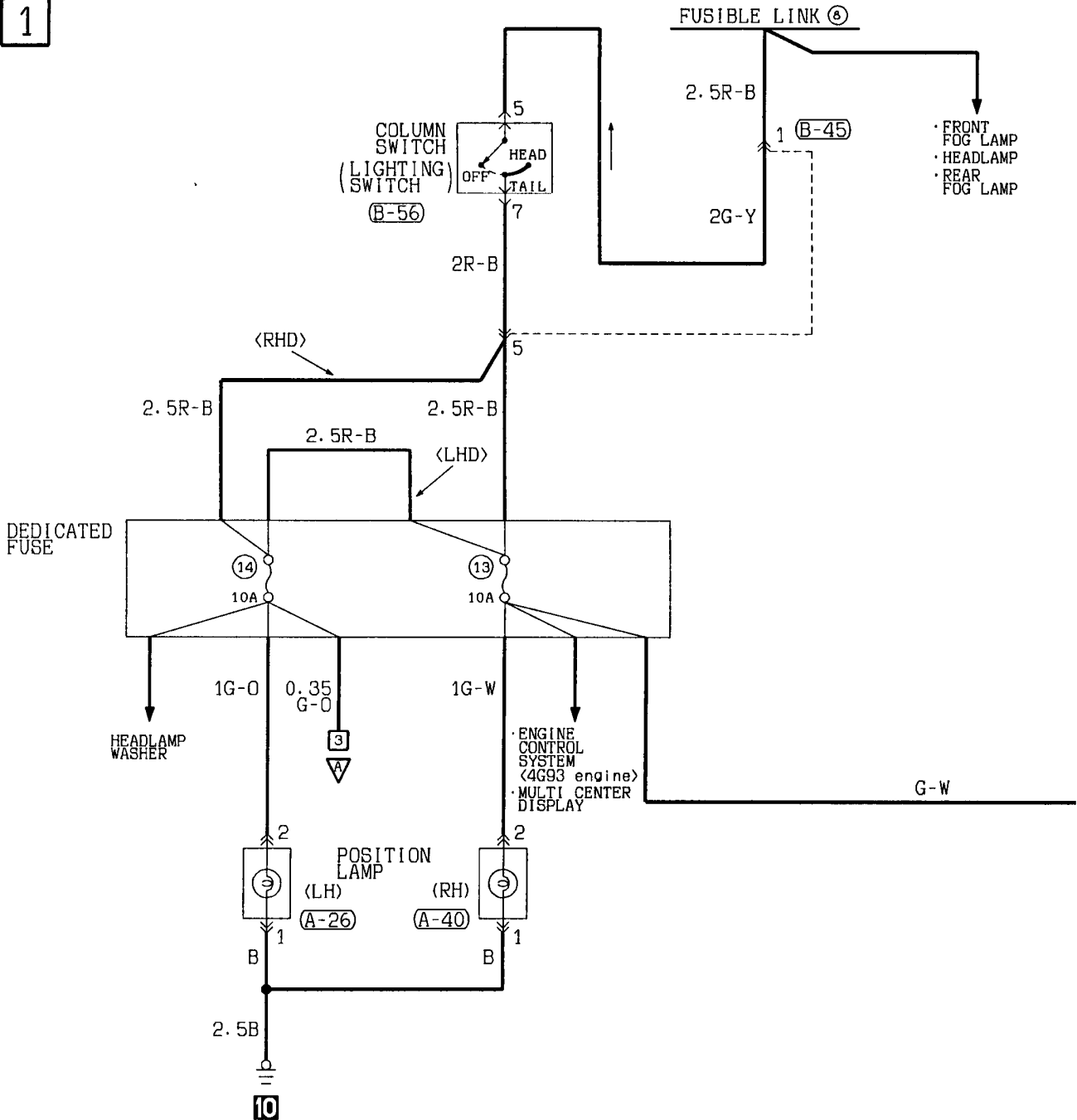
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

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

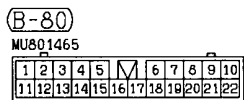
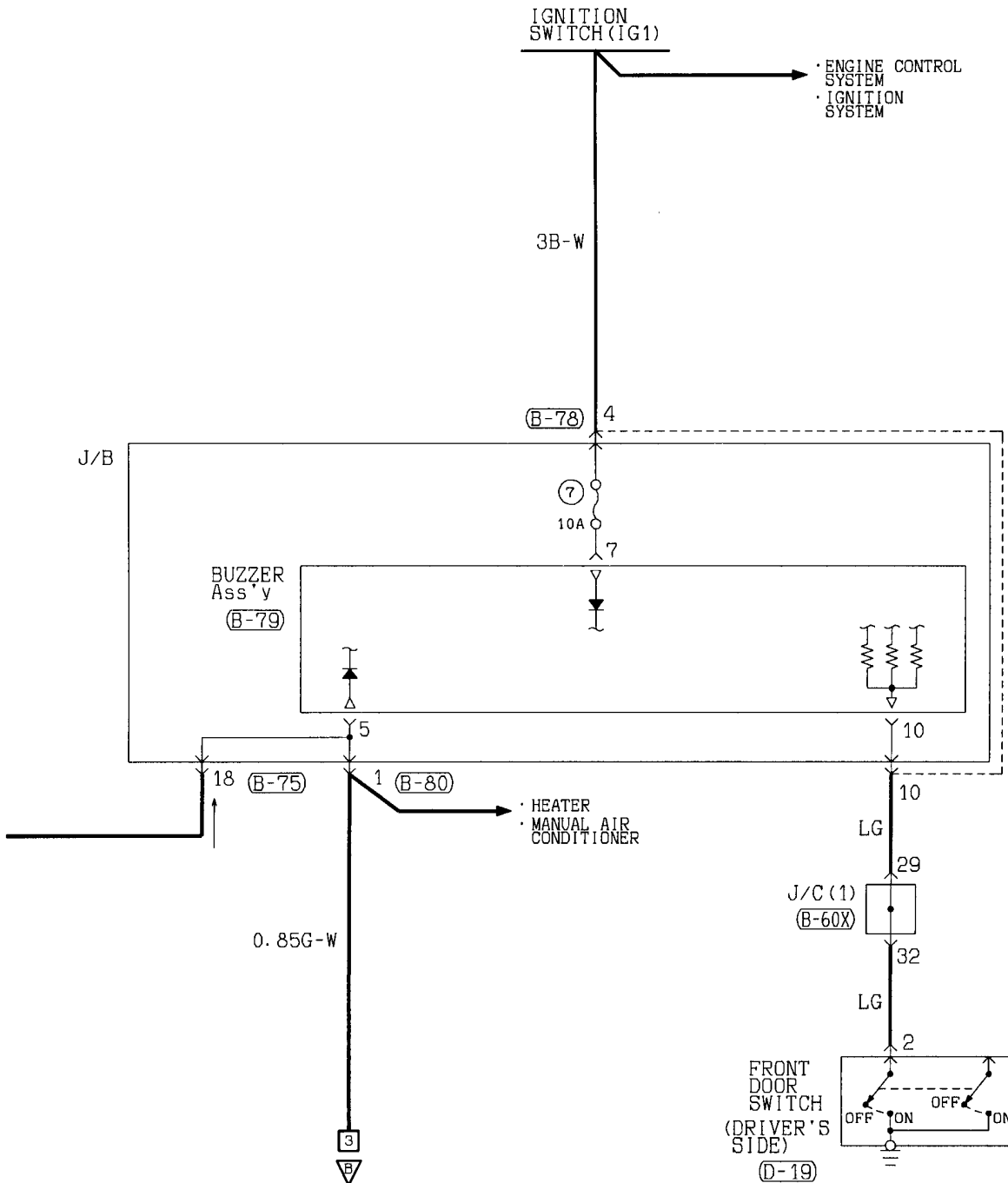
TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

Vehicles without daytime running lamp

1

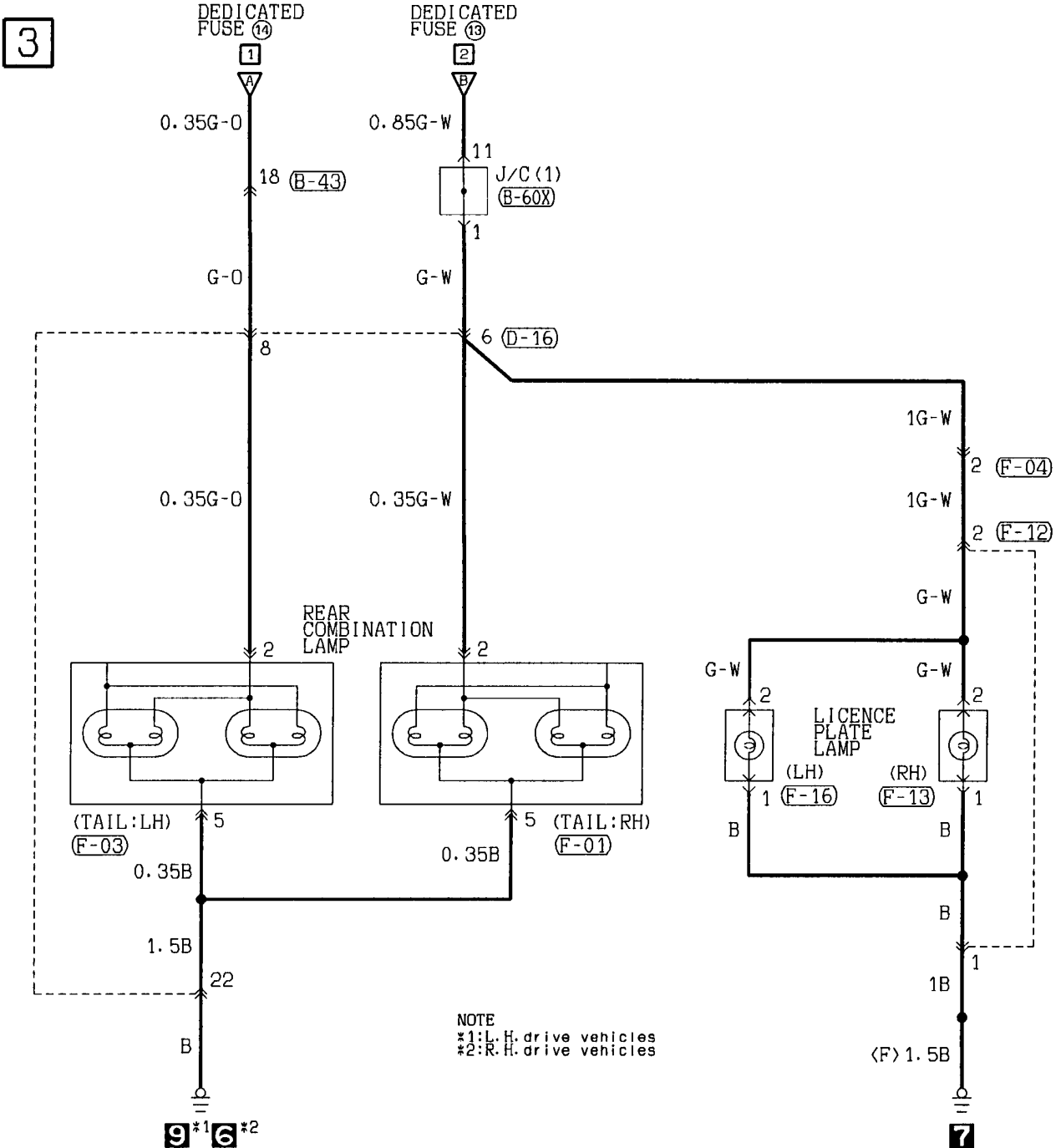


2



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

TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER <Vehicles without daytime running lamp> (CONTINUED)



(B-43)

MU801461

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

(B-60X)

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

(D-16)

MU801461

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

(F-01)

MU801448

1	M	2	
3	4	5	6

(F-03)

MU801448

1	M	2	
3	4	5	6

(F-04)

MU801449

1	M	2	3	
4	5	6	7	8

(F-12)

MU801441

M	1	2
---	---	---

(F-13)

(MU802722)

0	2
---	---

(F-16)

(MU802722)

0	2
---	---

Wire colour code
 B : Black LG: Light green
 BR: Brown O : Orange

G : Green L : Blue
 GR: Gray R : Red

W : White Y : Yellow
 P : Pink V : Violet

SB: Sky blue

TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER (See P. 4-88, 92.)**OPERATION**

1. **Vehicles without daytime running lamp.**
 - When the lighting switch is turned to the "TAIL" or "HEAD" position, current is supplied to each lamp, causing them to illuminate.
2. **Vehicles with daytime running lamp.**
 - Placing the lighting switch in the "TAIL" or "HEAD" position causes the tail lamp relay to be energized.
If the ignition switch is turned to the "ON" position, the tail lamp relay normally is always "ON".
 - As a result, current flows by way of dedicated fuse No. (13) and No. (14) to each lamp, causing the lamp to go on.

<Lighting monitor buzzer operation>

- When the lighting switch is in the "TAIL" or "HEAD" position, if the ignition switch is turned to the "ACC" or "LOCK" position or if the ignition key is removed, the lighting monitor buzzer will sound when the driver's side door is opened as a warning to the driver.

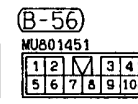
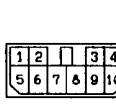
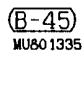
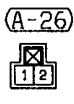
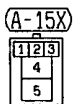
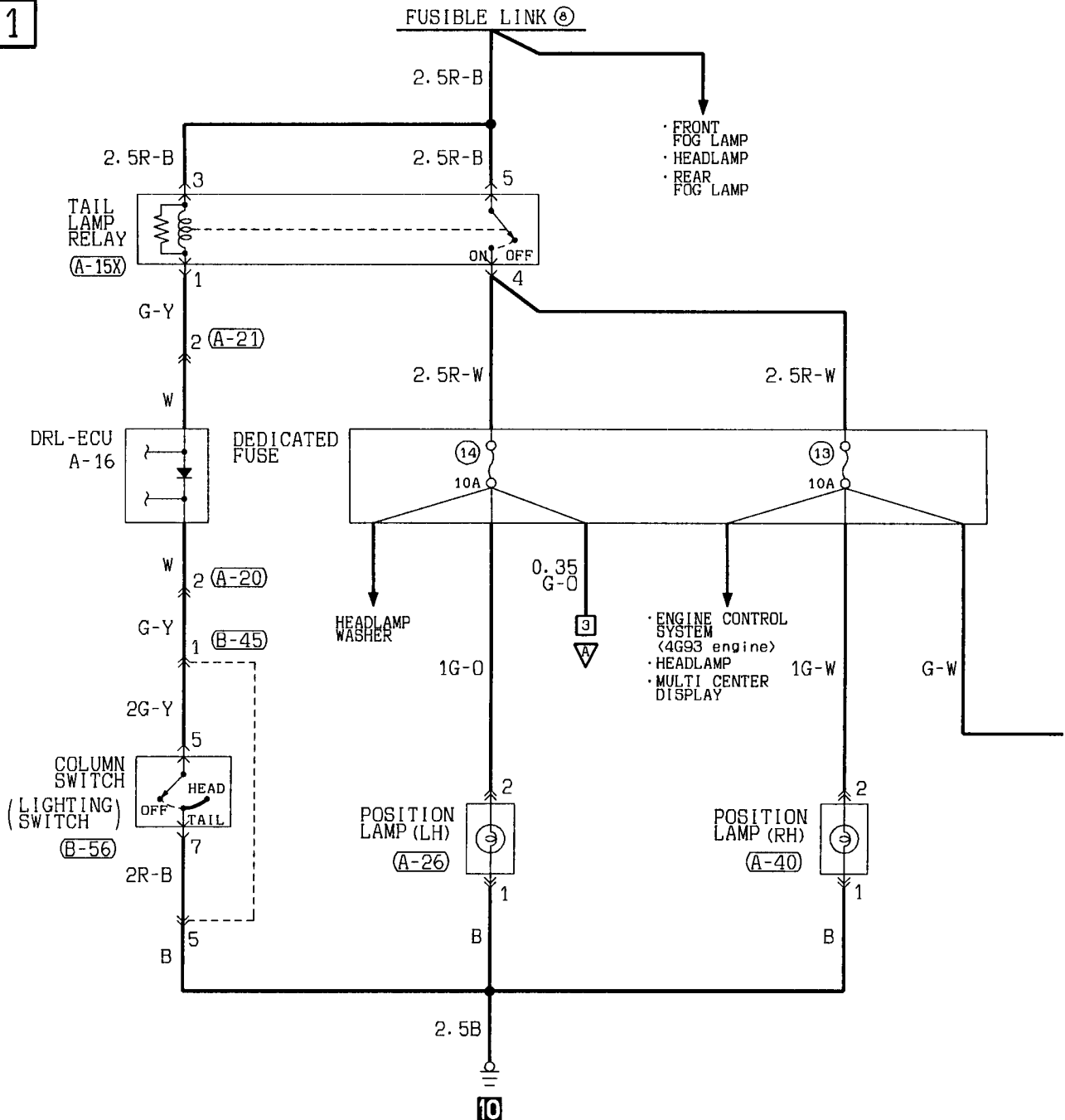
TROUBLESHOOTING HINTS

1. No lamp go on.
 - 1) Headlamps do not go on, either.
 - Check fusible link No. (8).
 - 2) Headlamps go on.
 - Check tail lamp relay.
 - Check dedicated fuse No. (13) and No. (14).
2. Lighting monitor buzzer does not sound.
 - 1) Tail lamps go on.
 - Check lighting monitor buzzer.
 - Check front door switch (driver's side).

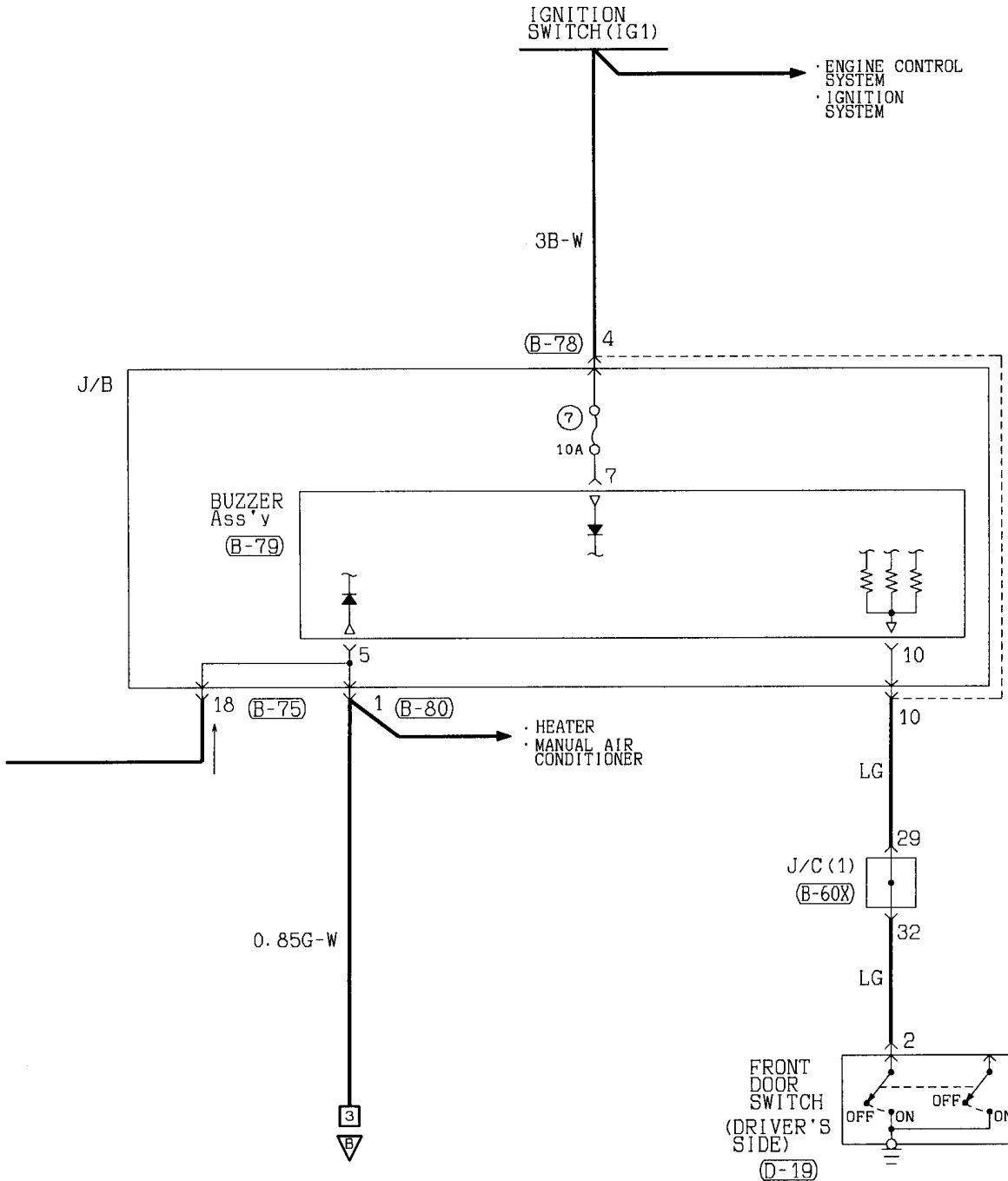
TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

Vehicles with daytime running lamp

1



2



(B-75) MU801457

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

(B-78)

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

(B-79)

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

(B-80)

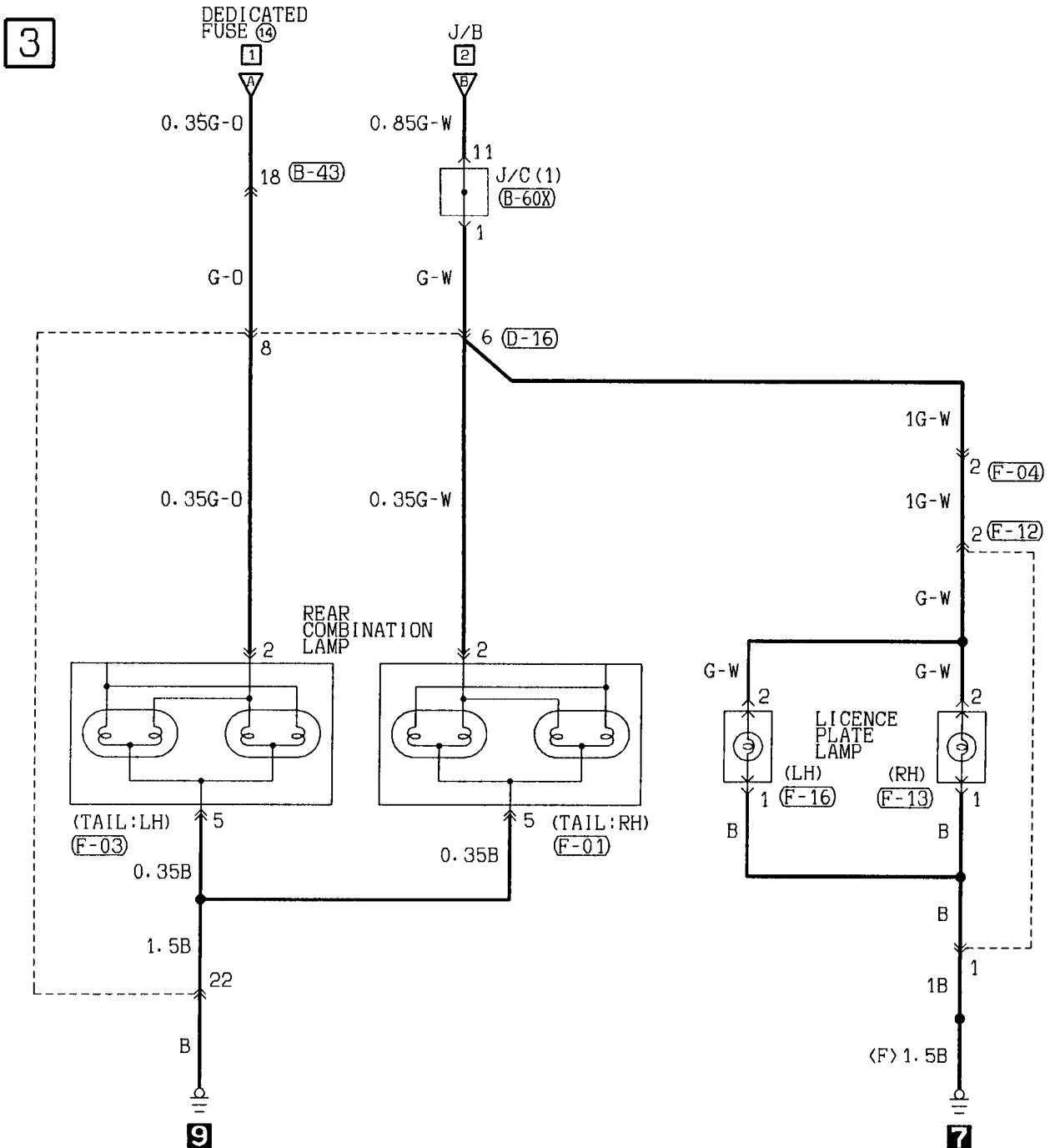
1	2	3	4	5	M	6	7	8	9	10	
11	12	13	14	15	16	17	18	19	20	21	22

(D-19) MU801441

M	
1	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

TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER <Vehicles with daytime running lamp> (CONTINUED)



(B-43)

MU801461	1	2	3	4	5	M	6	7	8	9	10	
	11	12	13	14	15	16	17	18	19	20	21	22

(B-60X)

	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

(D-16)

MU801461	1	2	3	4	5	M	6	7	8	9	10	
	11	12	13	14	15	16	17	18	19	20	21	22

(F-01)

MU801448	1	M	2	
	3	4	5	6

(F-03)

MU801448	1	M	2	
	3	4	5	6

(F-04)

MU801449	1	M	2	3	
	4	5	6	7	8

(F-12)

MU801441	M	
	1	2

(F-13)

(MU802722)	1	2
------------	---	---

(F-16)

(MU802722)	1	2
------------	---	---

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

FRONT FOG LAMP (See P. 4-96, 98.)**OPERATION**

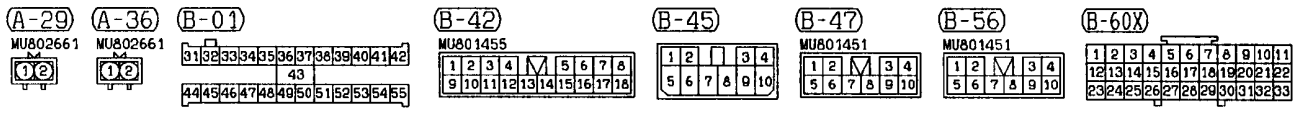
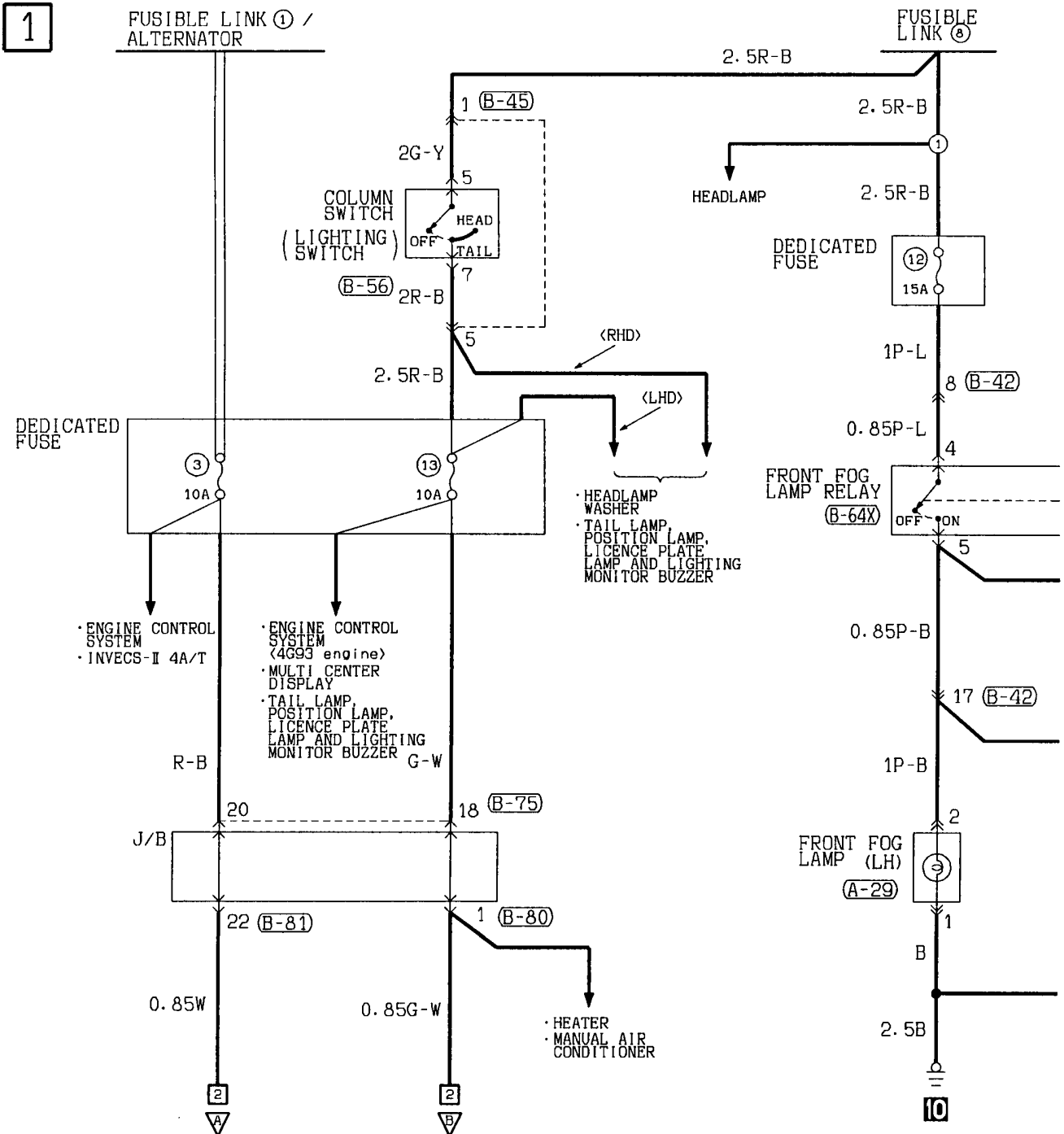
1. **Vehicles without daytime running lamp.**
 - When the lighting switch is at the "TAIL" or "HEAD" position and the front fog lamp switch is turned to "ON", the front fog lamps illuminate.
2. **Vehicles with daytime running lamp.**
 - Placing the lighting switch in the "TAIL" or "HEAD" position causes the tail lamp relay to be energized.
If the ignition switch is turned to the "ON" position, the tail lamp relay normally is always "ON".
 - When the front fog lamp switch is turned "ON" in this condition, the front fog lamp goes on.

TROUBLESHOOTING HINTS

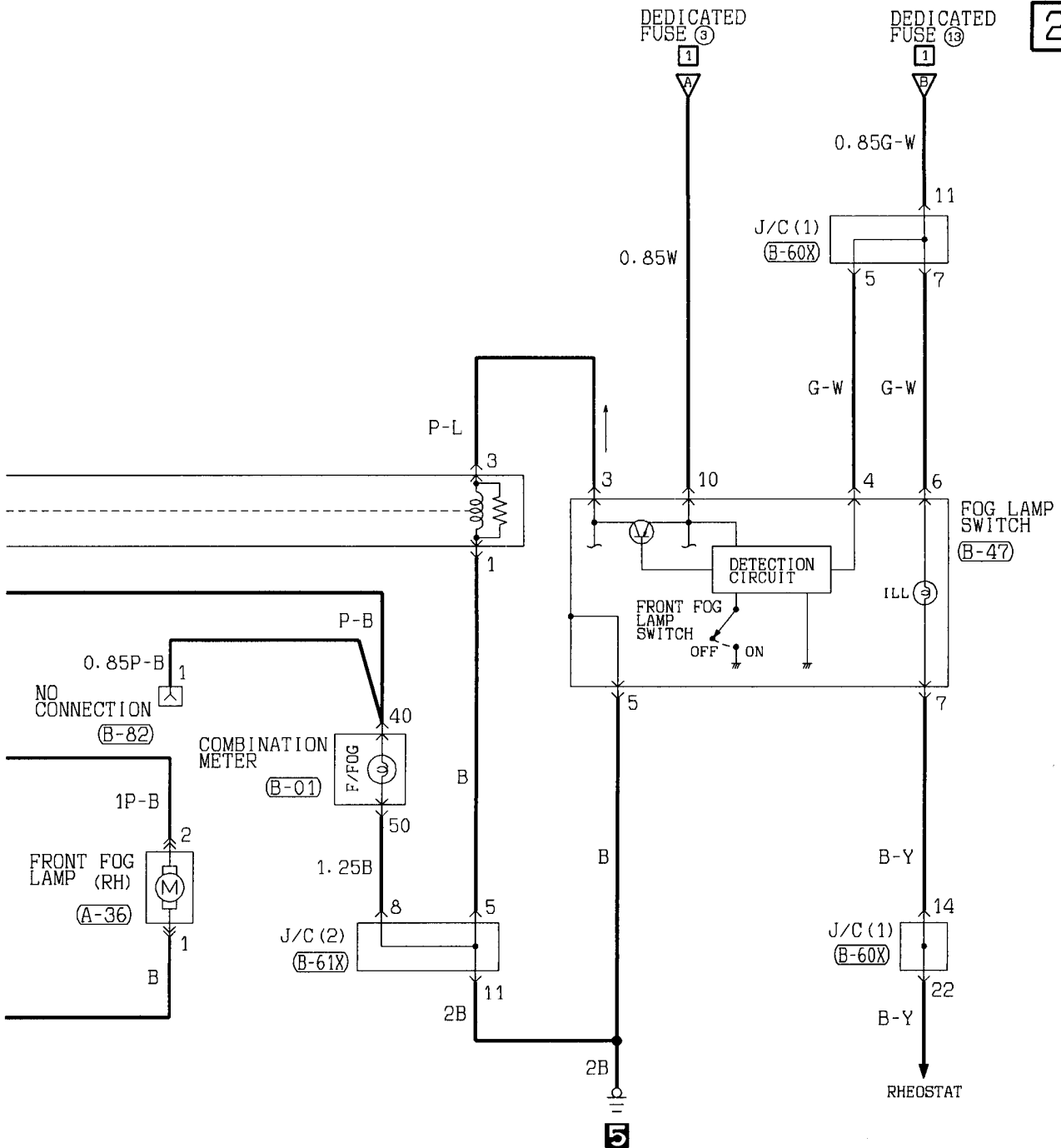
1. The front fog lamp does not light up.
 - 1) The tail lamp lights up.
 - Check front fog lamp relay.
 - Check front fog lamp switch.
 - Check dedicated fuse No. (3).

FRONT FOG LAMP

Vehicles without daytime running lamp



2



(B-61X)

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-64X)

1	2	3
4		
5		

(B-75)

MU801457

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

(B-80)

MU801465

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

(B-81)

MU801461

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

(B-82)

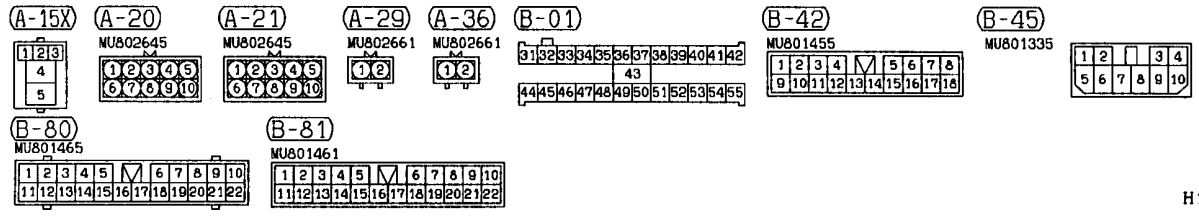
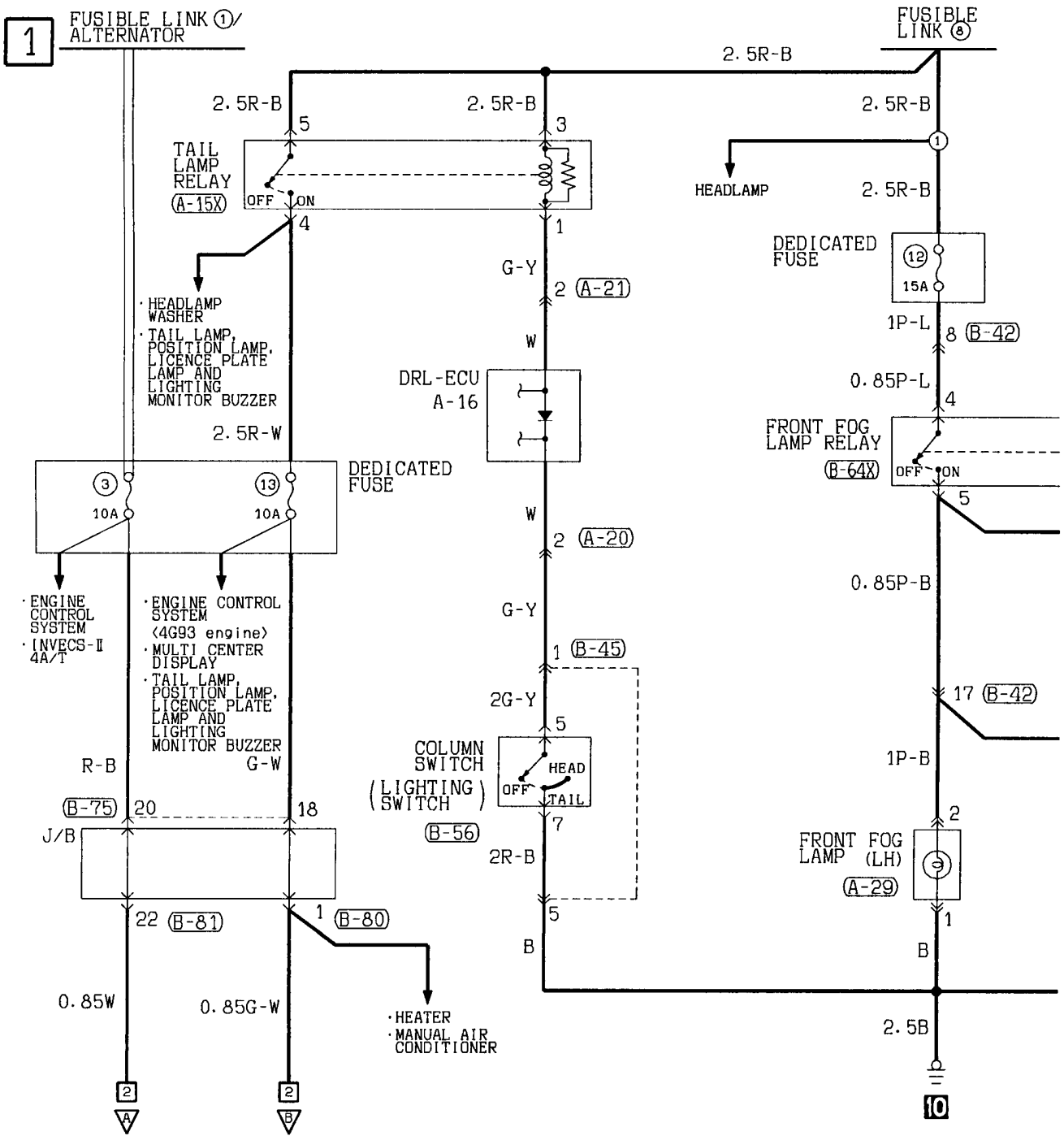
1

Wire colour code

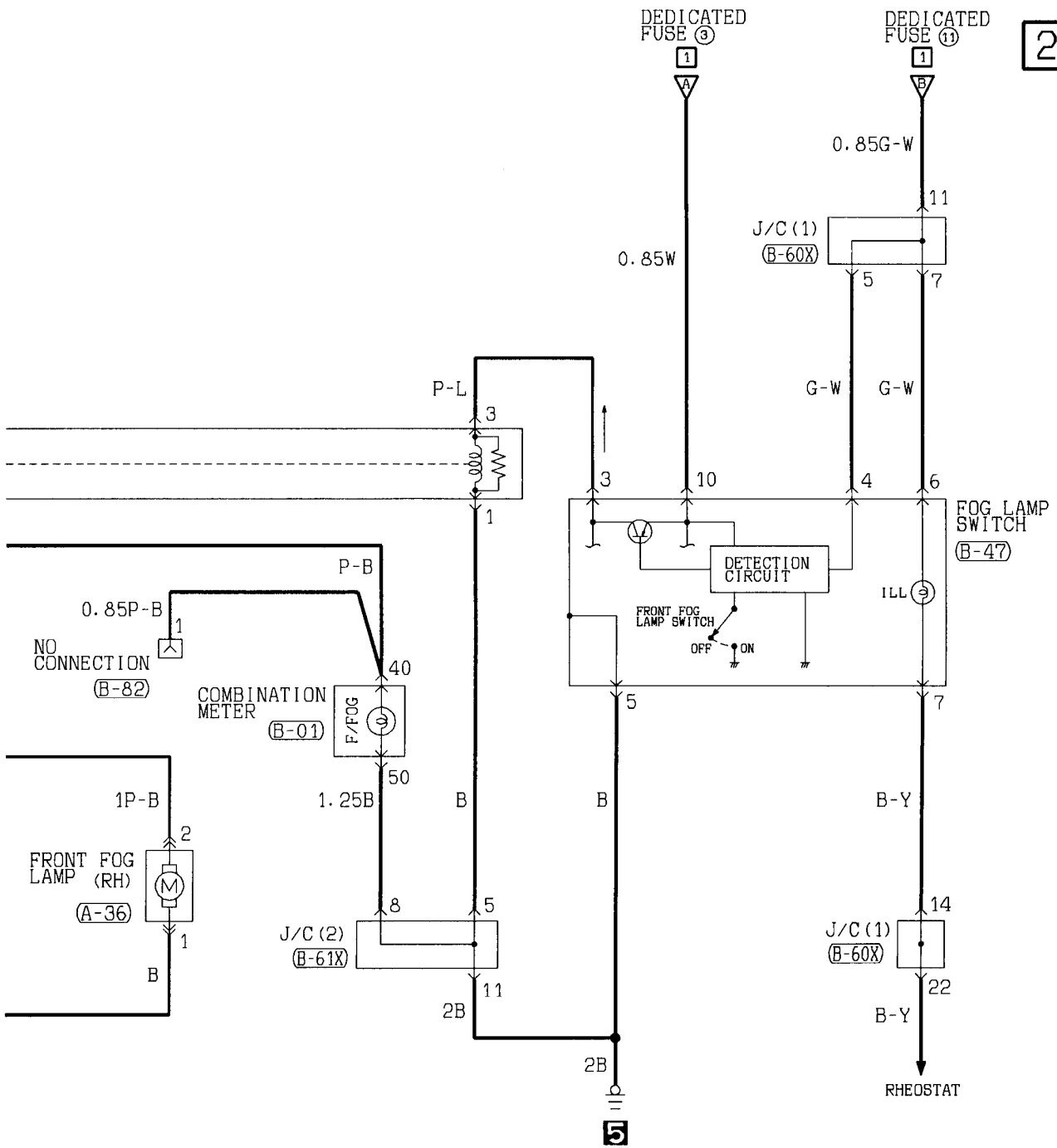
B : Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

FRONT FOG LAMP

Vehicles with daytime running lamp



2

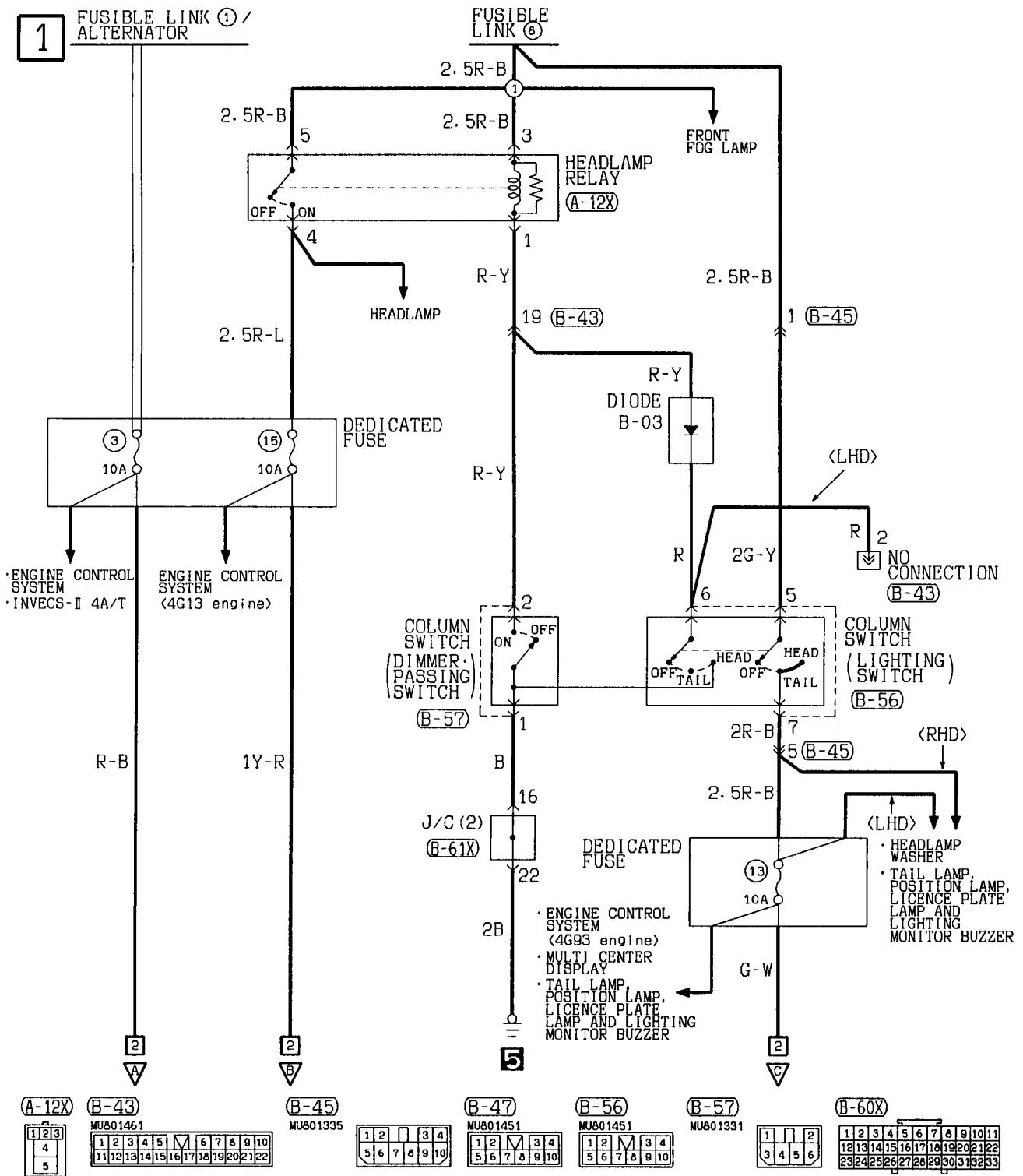


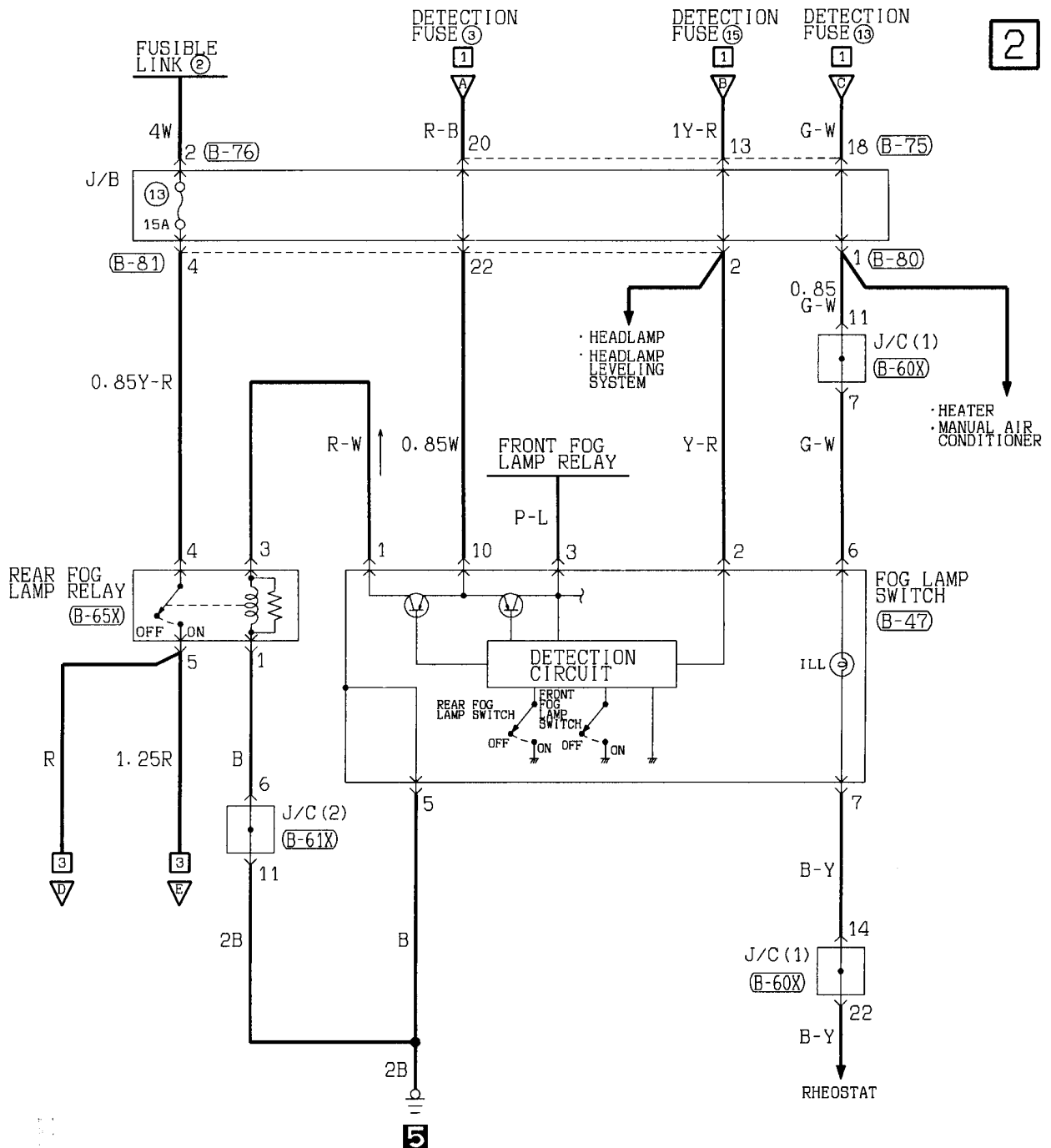
(B-47) MU801451	(B-56) MU801451	(B-60X)	(B-61X)	(B-64X)	(B-75) MU801457
1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	1 2 3 4 5	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

REAR FOG LAMP

Vehicles without daytime running lamp





(B-61X)	(B-65X)	(B-75)	(B-76)	(B-80)	(B-81)
MU801457	MU801457	MU801457	MU801465	MU801465	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	1 2 3 4 5	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2	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

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

REAR FOG LAMP (See P. 4-100, 104.)**OPERATION**

Rear Fog Lamp Relay ON Conditions

<Vehicles without daytime running lamp>

Refer to the table I.

<Vehicles with daytime running lamp>

Refer to the table II.

- Placing the lighting switch in the "HEAD" position causes the rear fog lamp relay to be energized.
For vehicles with daytime running lamps, if the ignition switch is in the "ON" position, and the lighting switch is in the "OFF" position, the rear fog lamp relay will be energized.
- When the rear fog lamp switch is turned "ON" in this condition, the rear fog lamp goes on.

TROUBLESHOOTING HINTS

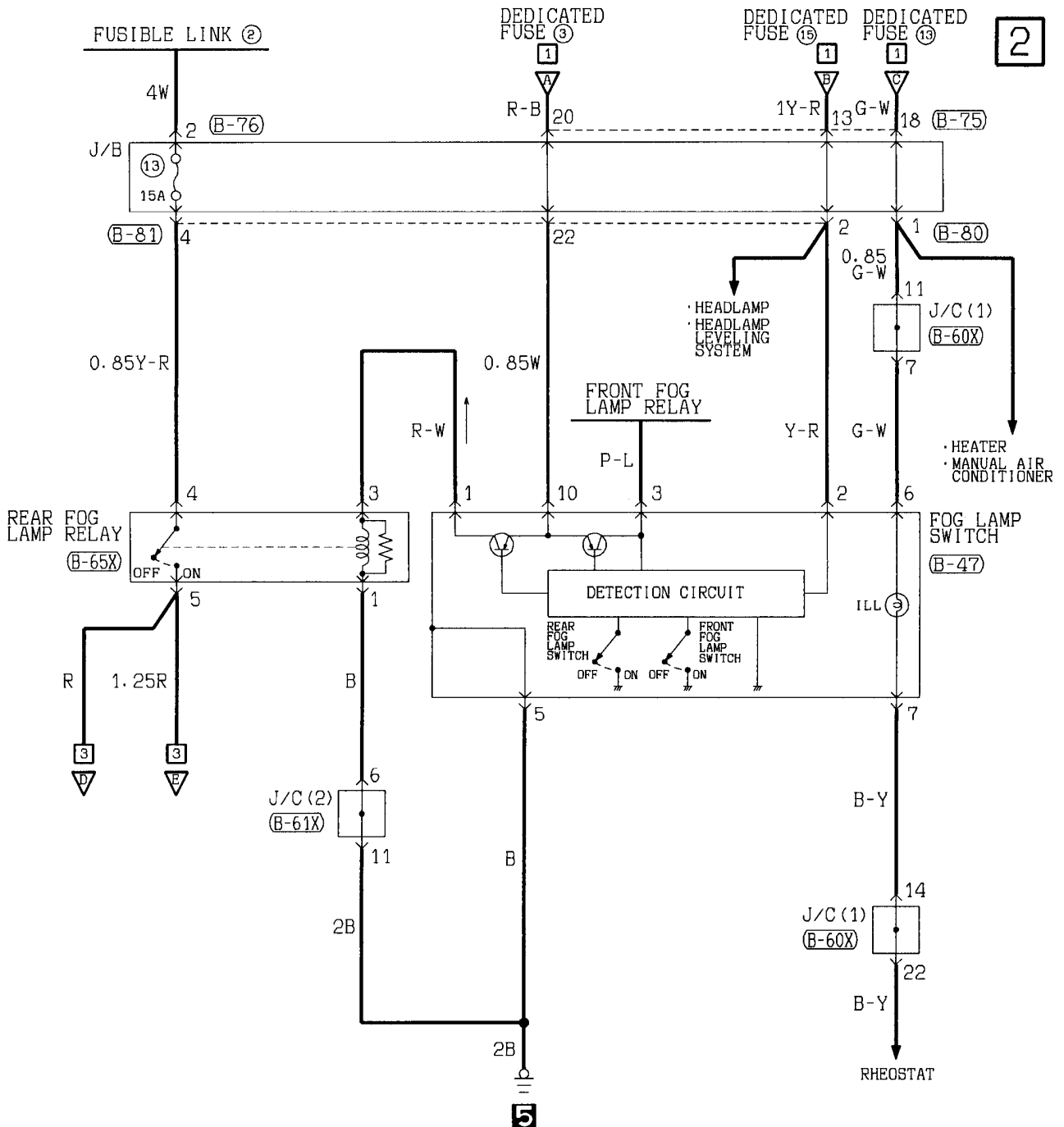
1. The rear fog lamp doesn't illuminate.
 - 1) Headlamps go on.
 - Check the rear fog lamp relay.
 - Check the rear fog lamp switch.
 - Check the dedicated fuse No. (13).
 - 2) Headlamps do not go on, either.
 - Check the lighting switch.
 - Check the fusible link No. (8).
2. The rear fog lamp at the one side doesn't illuminate.
 - Check the lamp bulb.

I

Ignition switch	Lighting switch	Rear fog lamp relay
—	"HEAD"	ON

II

Ignition switch	Lighting switch	Rear fog lamp relay
—	"HEAD"	ON
"ON"	"OFF" or "HEAD"	ON



(B-57) MU801331

1	2
3	4

(B-60X)

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-61X)

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-65X)

1	2	3
4	5	

(B-75) MU801457

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

(B-76)

1	2
---	---

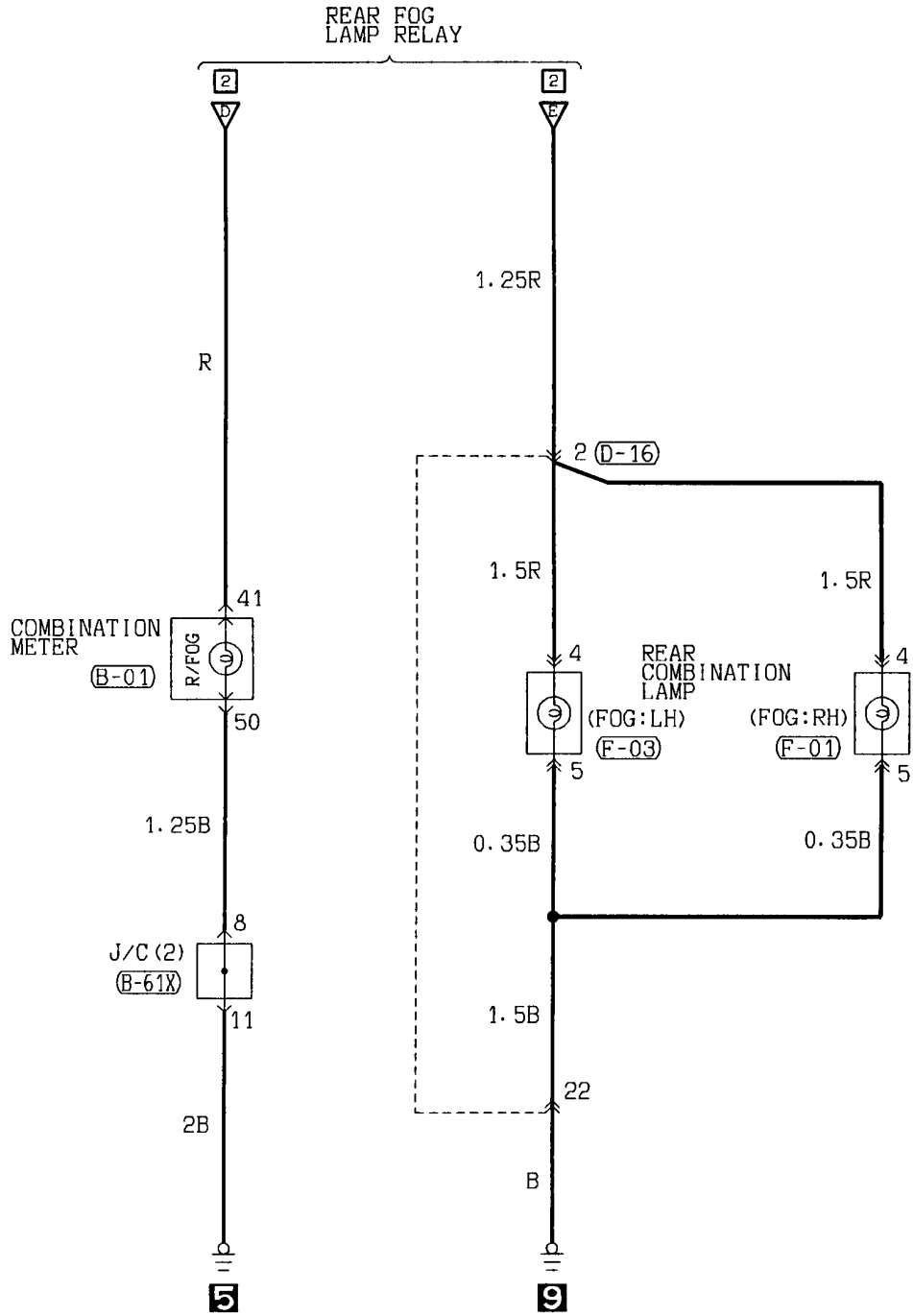
(B-80) MU801465

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

REAR FOG LAMP <Vehicles with daytime running lamp> (CONTINUED)

3



(B-01)

3	1	2	3	3	3	4	3	5	3	6	3	7	3	8	3	9	4	0	4	1	4	2
											43											
4	4	4	5	4	6	4	7	4	8	5	9	5	0	5	1	5	2	5	3	5	4	5

(B-61X)

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

(D-16)

MU801461											
1	2	3	4	5	M	6	7	8	9	10	
11	12	13	14	15	16	17	18	19	20	21	22

(F-01)

MU801448			
1	M	2	
3	4	5	6

(F-03)

MU801448			
1	M	2	
3	4	5	6

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

ROOM LAMP, MAP LAMP AND LUGGAGE COMPARTMENT LAMP (See P. 4-108, 110.)**OPERATION****<Room lamp and map lamp>**

- Placing the room lamp and map lamp switch in the ON position causes the room lamp and map lamp to come on at all times.
- Opening any one of the doors with the room lamp switch in the DOOR position causes the room lamp to come on.
- Closing all doors causes the room lamp to go out.

<Luggage compartment lamp>

- Battery voltage is being applied at all times to the luggage compartment lamp through the dedicated fuse No. (3).
- Opening the tailgate turns ON the tailgate switch, causing the luggage compartment lamp to light up.

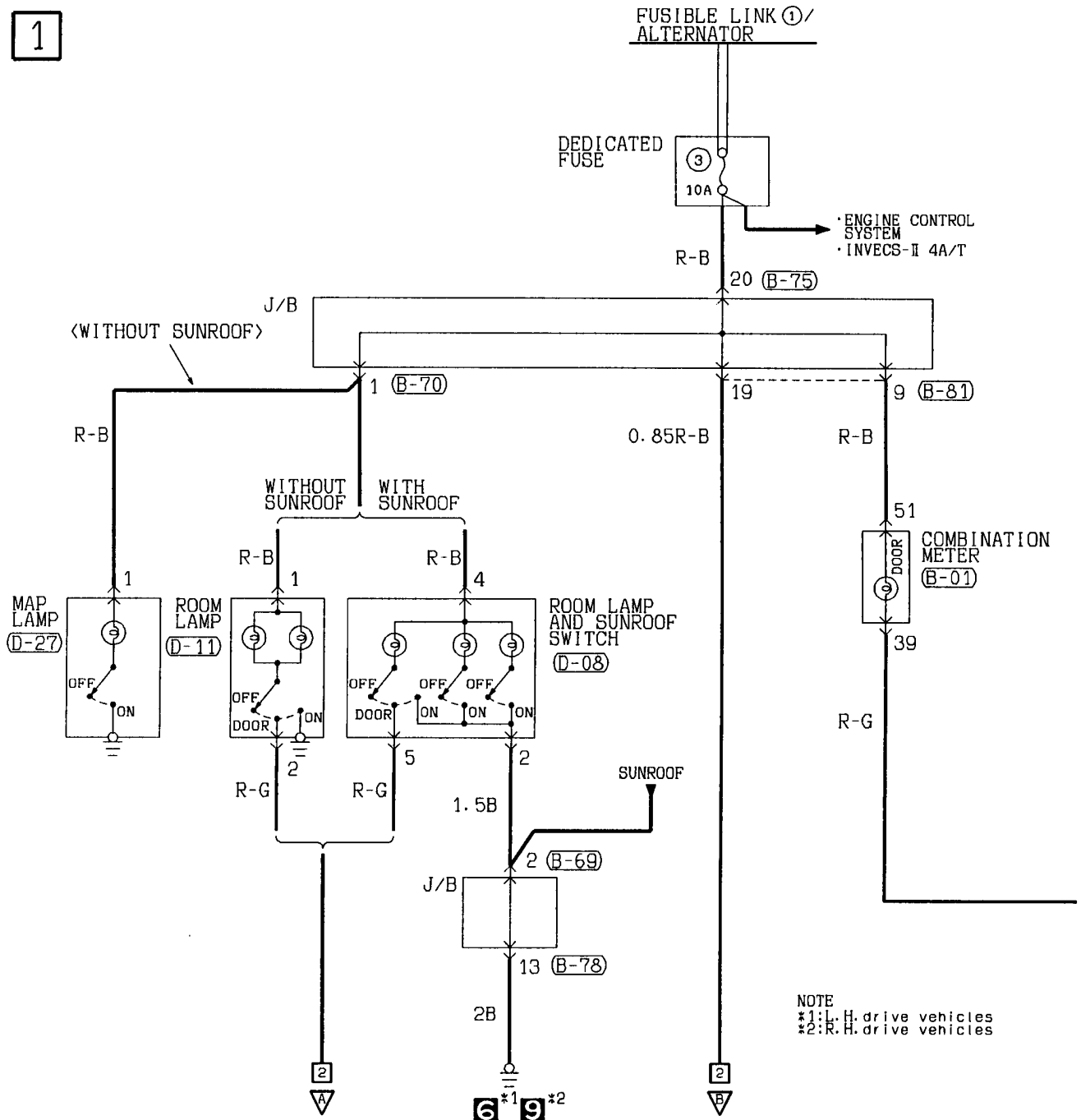
TROUBLESHOOTING HINTS

1. Room lamp and map lamp does not come on.
 - 1) Rear fog lamp does not illuminate.
 - Check dedicated fuse No. (3).
 - 2) Room lamp does not come on when any door is opened with the room lamp switch in the DOOR position.
 - Check bulb.
 - Check room lamp switch.
 - 3) Room lamp does not come on when a door is opened with the room lamp switch in the DOOR position.
 - Check door switch (of the suspected door).
2. Luggage compartment lamp does not come on.
 - 1) Room lamp is normal.
 - Check bulb.
 - Check tailgate switch.
 - 2) Room lamp does not illuminate.
 - Check dedicated fuse No. (3).

ROOM LAMP, MAP LAMP AND LUGGAGE COMPARTMENT LAMP

Vehicles without keyless entry system

1



(B-01)

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

(B-69)

M
1 2

(B-70)

1	M	2
3	4	5 6

(B-75)

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

(B-78)

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

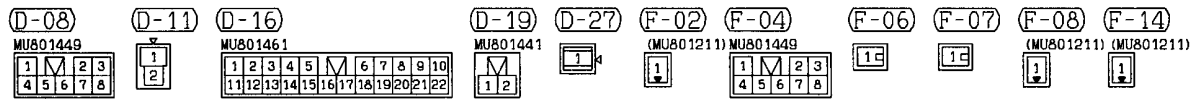
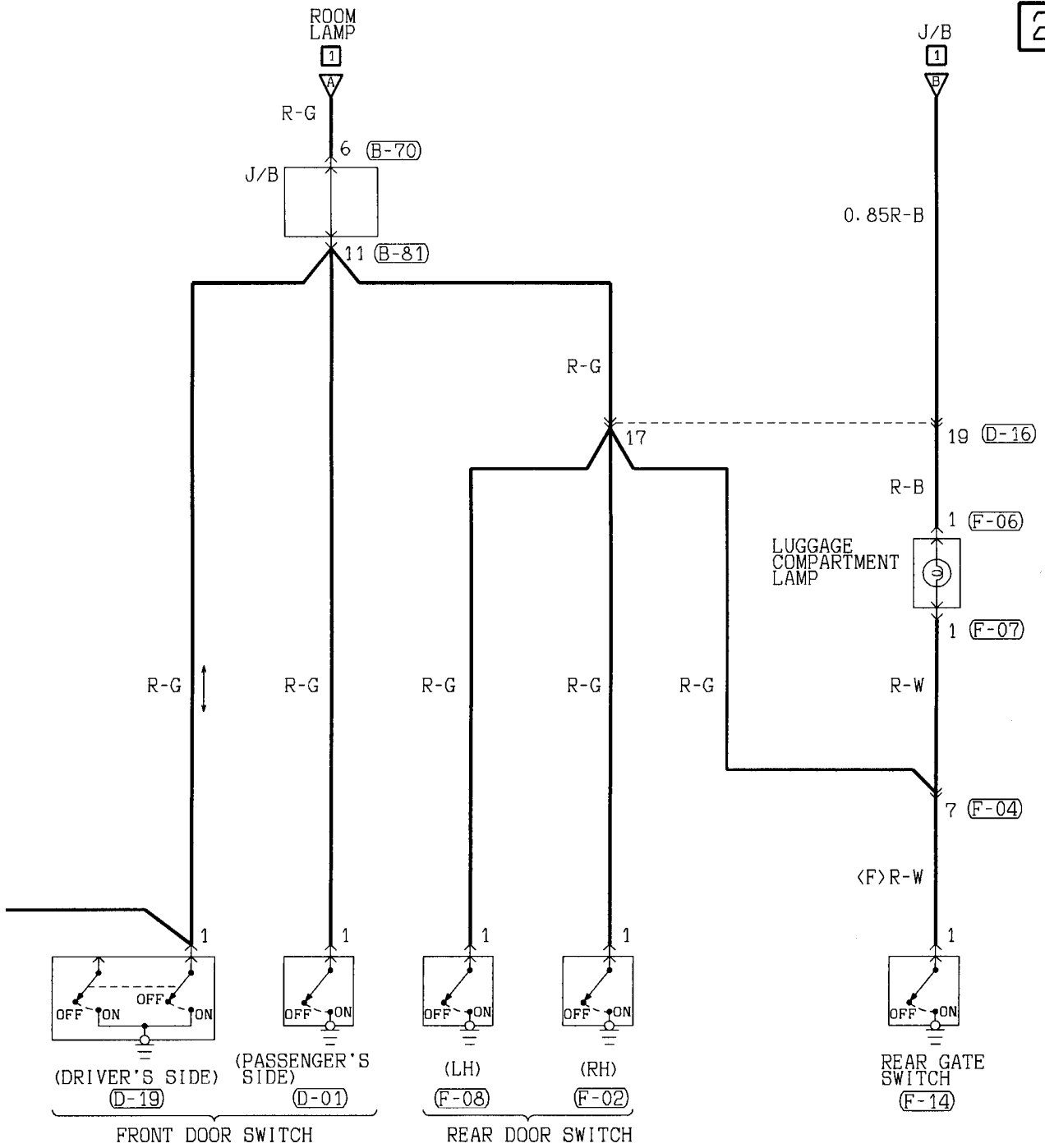
(B-81)

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

(D-01)

1

2

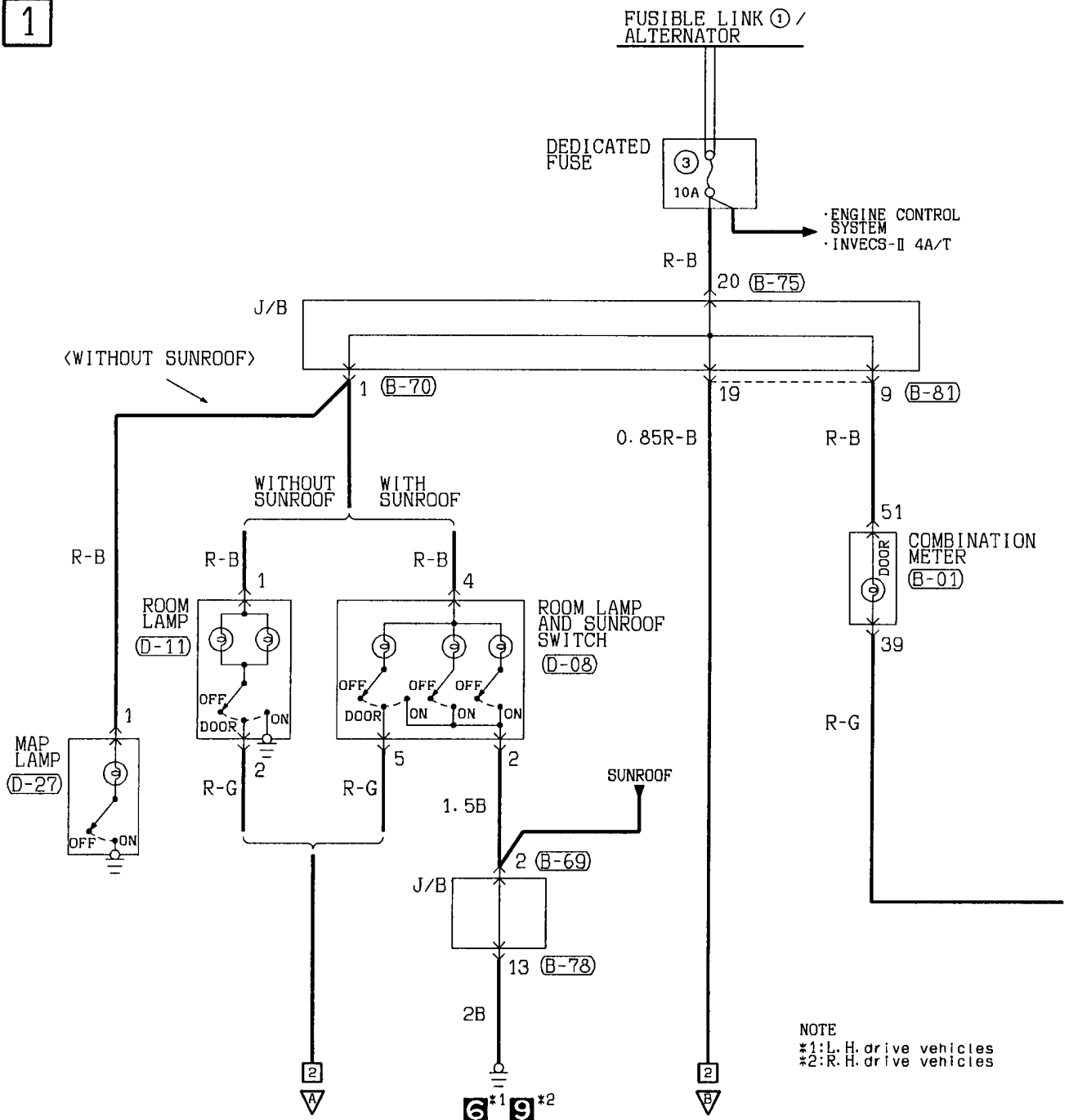


Wire colour code
 B : Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

ROOM LAMP, MAP LAMP AND LUGGAGE COMPARTMENT LAMP

Vehicles with keyless entry system

1



(B-01)

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

(B-69)

MU801441

M
1 2

(B-70)

MU801447

1	M	2	
3	4	5	6

(B-75)

MU801457

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

(B-78)

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

(B-81)

MU801461

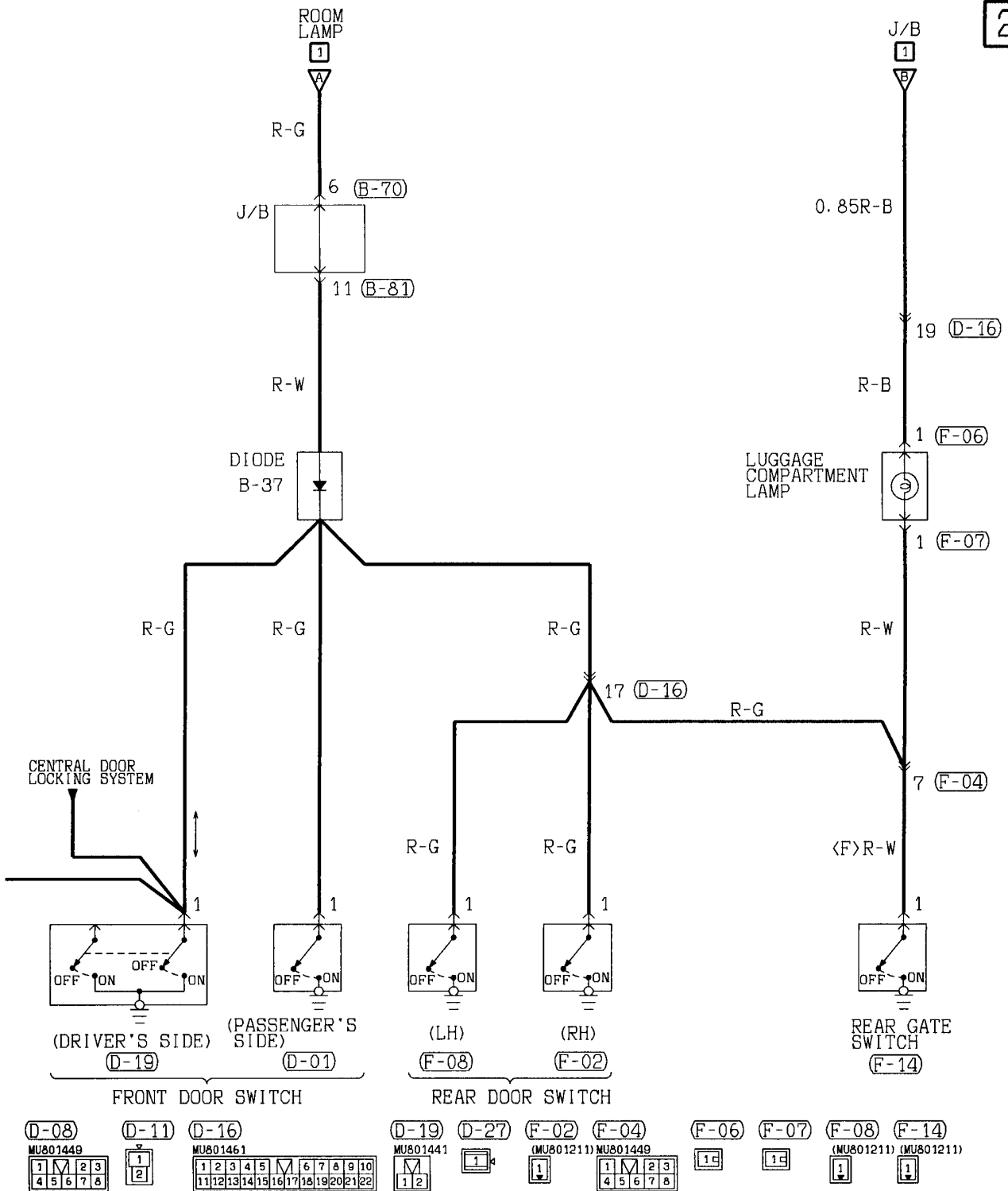
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11	12	13	14	15	16	17	18	19	20	21	22

(D-01)

(MU801211)

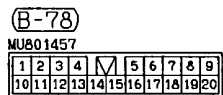
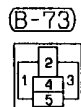
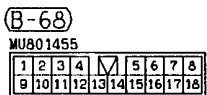
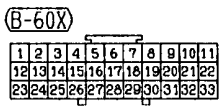
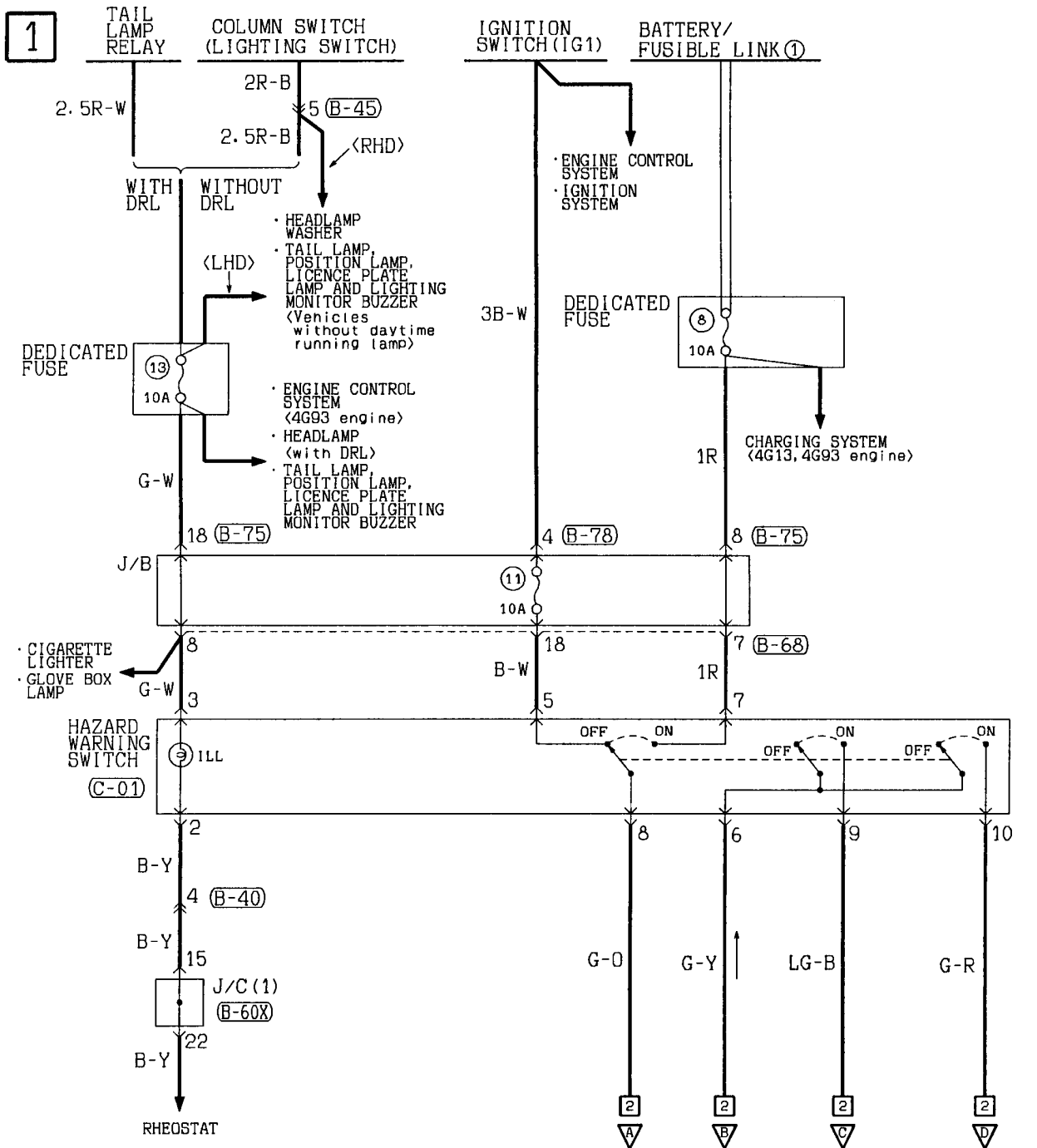
1

2

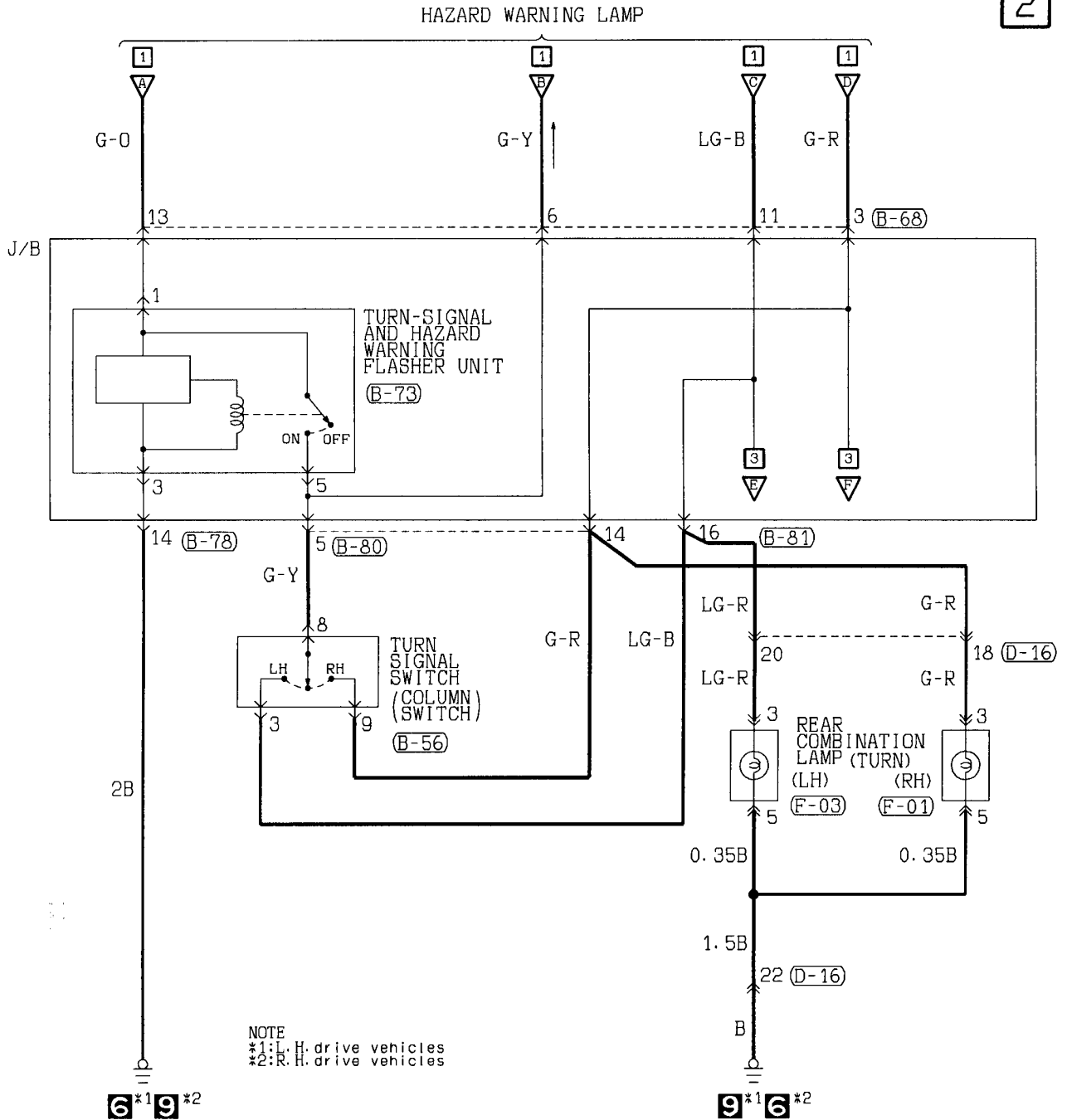


Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

TURN-SIGNAL LAMP AND HAZARD WARNING LAMP



2



(B-78)

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

(B-80)

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

(B-81)

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

(C-01)

1	2	3	4		
5	6	7	8	9	10

(D-16)

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

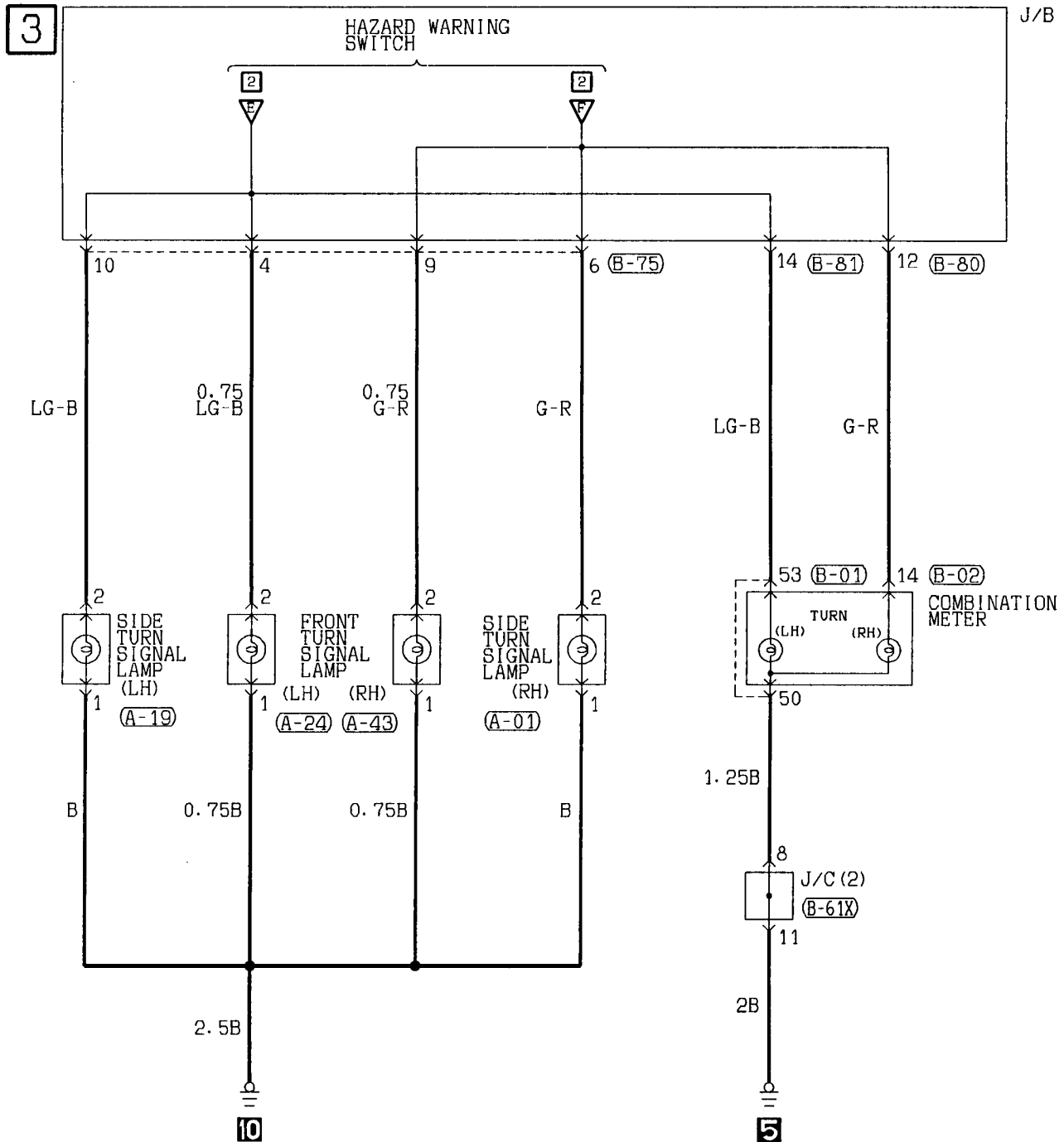
(F-01)

1	2		
3	4	5	6

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

TURN-SIGNAL LAMP AND HAZARD WARNING LAMP (CONTINUED)



(A-01) (MU802722) 1 2	(A-19) (MU802722) 1 2	(A-24) 1 2	(A-43) 1 2	(B-01) 3 13 23 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	(B-02) 1 2 3 4 5 6 7 8 9 10 11 12 13	(B-61X) 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-75) MU801457 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
(B-80) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	(B-81) 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 BR: Brown O : Orange GR: Gray R : Red W : White SB: Sky blue P : Pink Y : Yellow		H1M09E00BA			

TURN-SIGNAL LAMP AND HAZARD WARNING LAMP (See P. 4-112.)**OPERATION****<Turn-signal lamp>****1. In standard operating condition**

- When the ignition switch is placed in the ON position, battery voltage is applied through the hazard warning switch to the turn-signal and hazard warning flasher unit.
- When the turn signal switch is turned to the "LH" or "RH" position, the relay contact turns "ON" and "OFF" repeatedly due to the switching operation of the capacitor and transistor inside the flasher unit, and the turn signal lamp and the "LH" and "RH" of the turn signal indicator lamp flash.

2. When one bulb is burnt

- When either one of the turn signal lamp is burnt, the resistance of the entire lamp circuit increases, so that the time required for charging and discharging of the capacitor is shortened, causing the "ON" "OFF" cycle of the relay to become faster than standard and the number of flashes to increase.

<Hazard warning lamp>

- When the hazard warning switch is turned to the "ON" position, current flows via dedicated fuse No. (7) to the flasher unit, the flasher unit relay contacts repeatedly close and open, which results in the RH and LH turn-signal lamps, turn-signal indicator lamps, and hazard warning indicator lamps flashing on and off at the same time.

Note

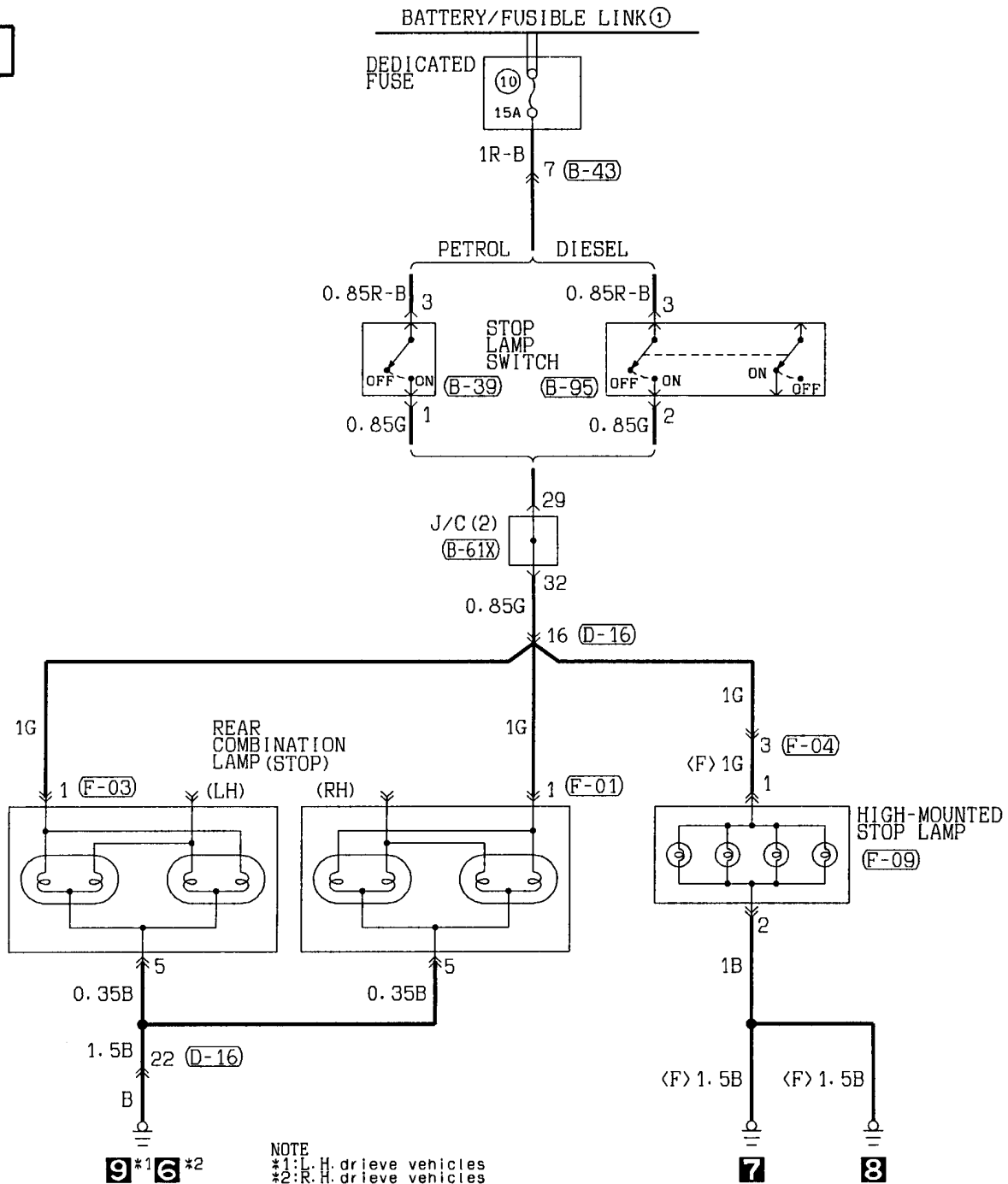
- The number of times the hazard warning lamps flash on and off does not change even when one bulb is out.

TROUBLESHOOTING HINTS

1. Neither the turn-signal lamp nor hazard warning lamps operate.
 - Check hazard warning switch contacts (on power source end).
 - Check flasher unit.
2. All LH or RH turn-signal lamps do not operate.
 - (1) Hazard warning lamp is fully operational.
 - Check turn-signal switch.
3. Flashing cycle of turn signal lamps is shorter.
 - Check the lamp bulb.
 - Check flasher unit.
4. Hazard warning lamp does not operate.
 - (1) Turn-signal lamps are operational.
 - Check dedicated fuse No. (8).
 - Check hazard warning switch contacts (on hazard lamp end).

STOP LAMP

1



(B-39)

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

(B-43)

MU801461

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

(B-61X)

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-95)

1	2	3	4
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(D-16)

MU801461

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

(F-01)

MU801448

1	M	2	
3	4	5	6

(F-03)

MU801448

1	M	2	
3	4	5	6

(F-04)

MU801449

1	M	2	3	
4	5	6	7	8

(F-09)

MU801441

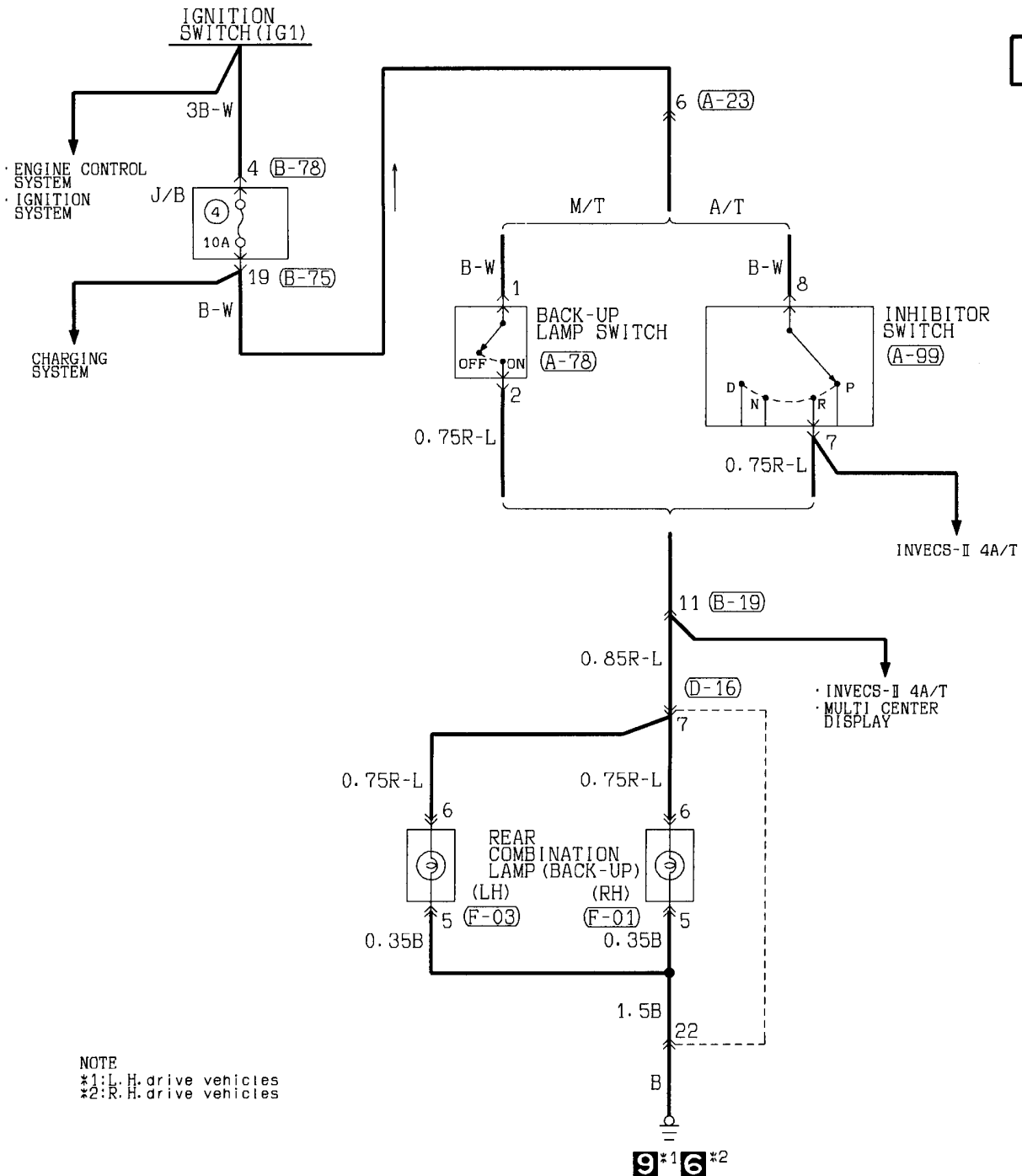
1	2
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Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

BACK-UP LAMP

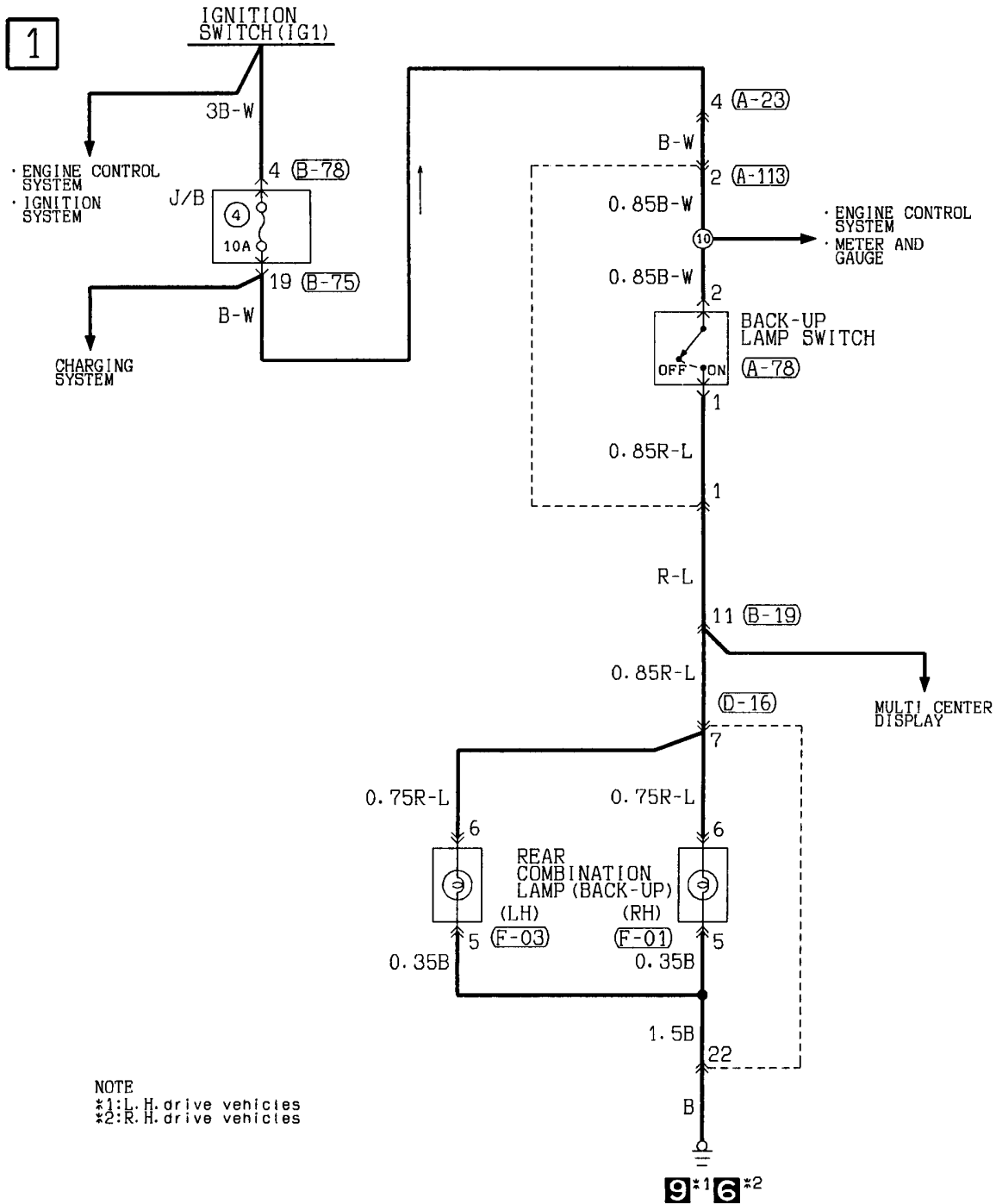
Petrol-powered vehicles

1



BACK-UP LAMP

Diesel-powered vehicles



NOTE
 #1: L. H. drive vehicles
 #2: R. H. drive vehicles

(A-23)
 MU802357



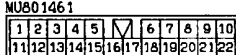
(A-78)



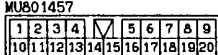
(A-113)



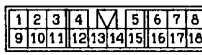
(B-19)
 MU801461



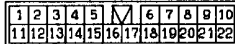
(B-75)
 MU801457



(B-78)



(D-16)
 MU801461



(F-01)
 MU801448



(F-03)
 MU801448



Wire colour code
 B : Black
 BR : Brown
 W : White
 V : Violet

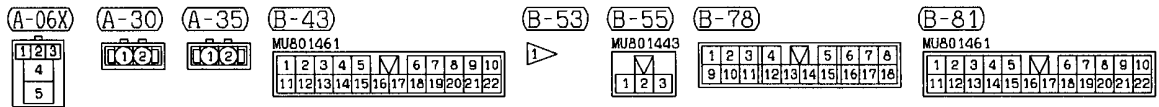
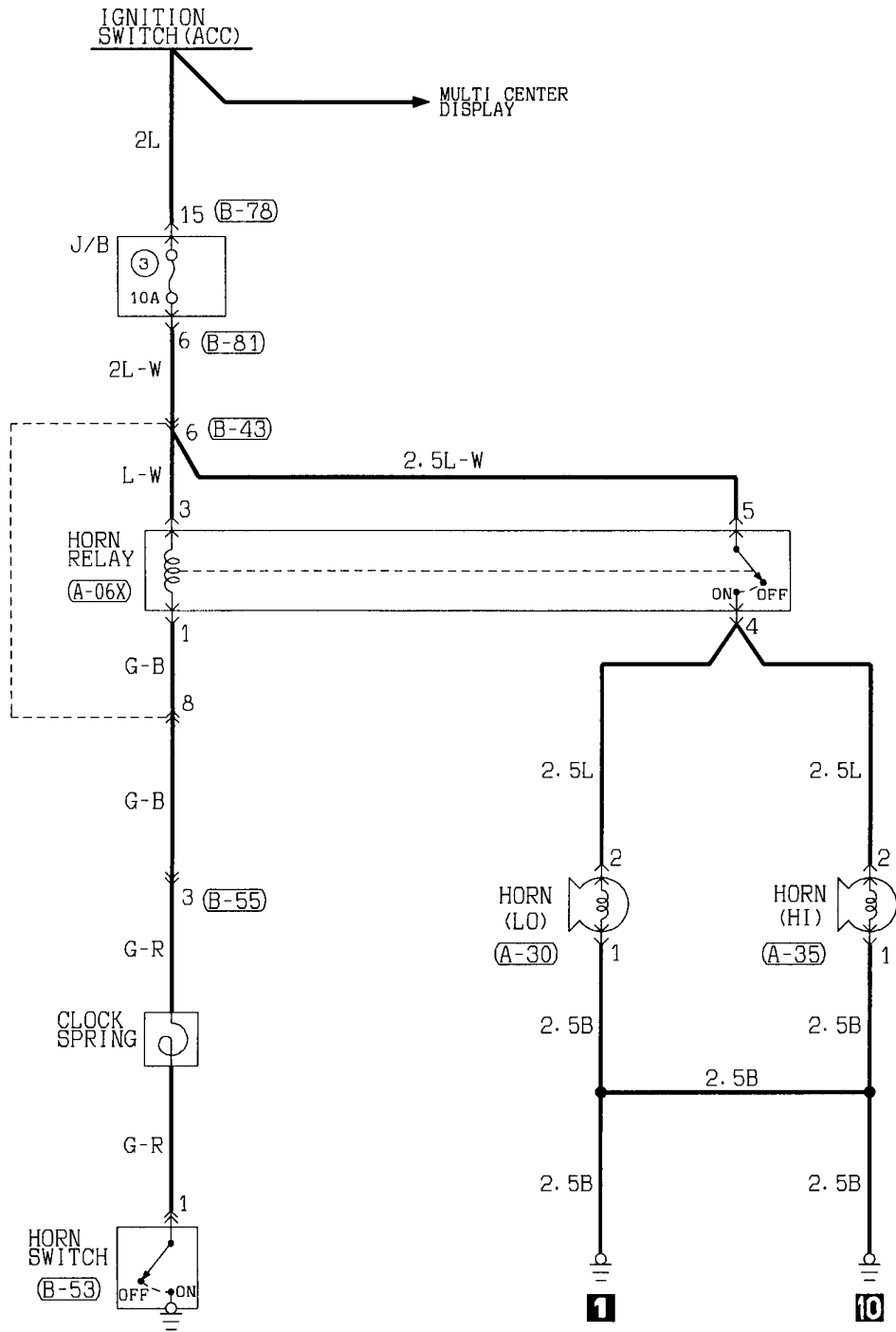
LG : Light green
 O : Orange
 SB : Sky blue

G : Green
 GR : Gray
 P : Pink

L : Blue
 R : Red
 Y : Yellow

HORN

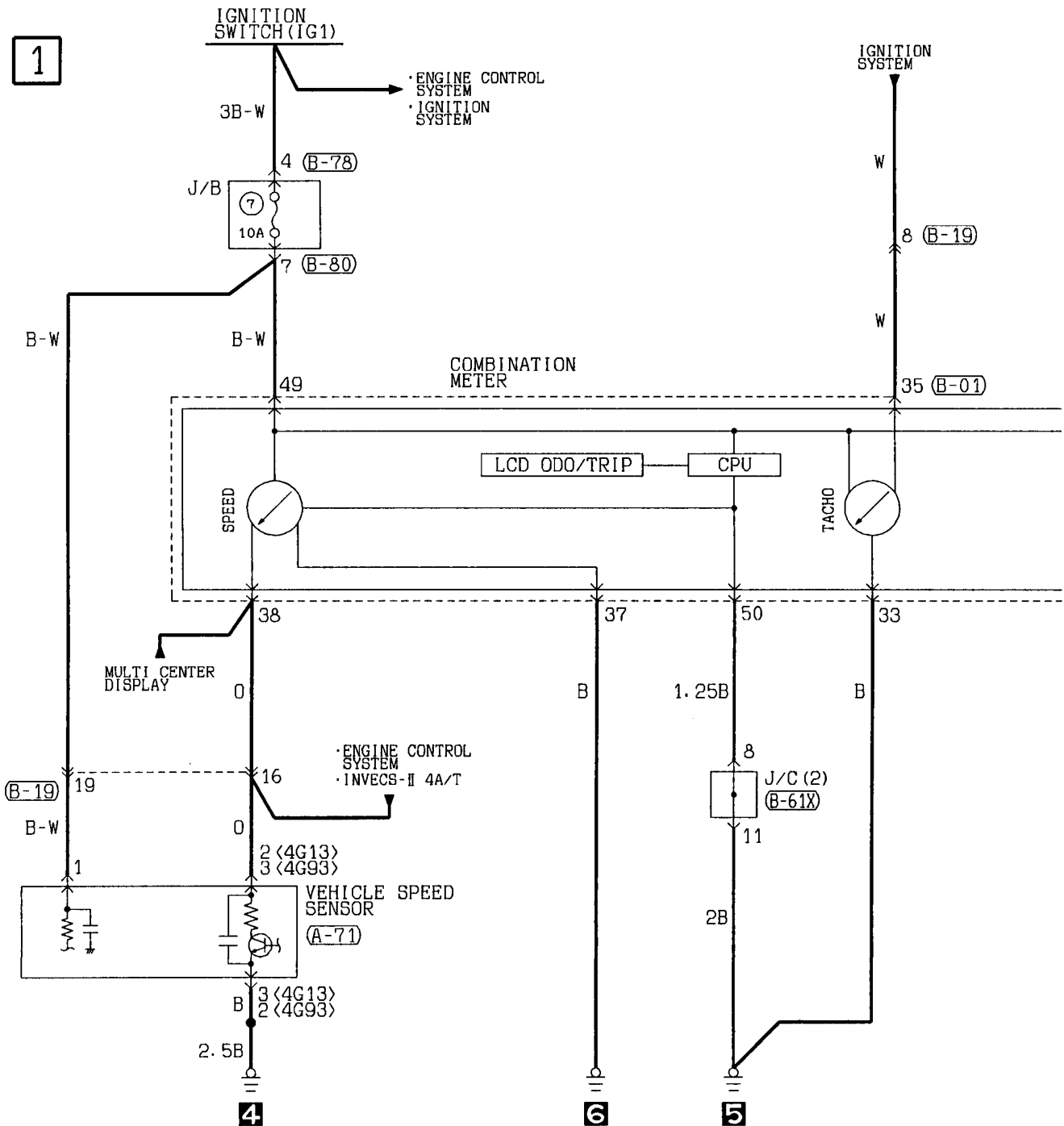
1



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

METER AND GAUGE

Petrol-powered vehicles



(A-71)
(4G13)

1	2
3	4

(4G93) (MU802723) (MU801211)

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

(A-77)

1

(B-01)

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

(B-02)

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

(B-19)

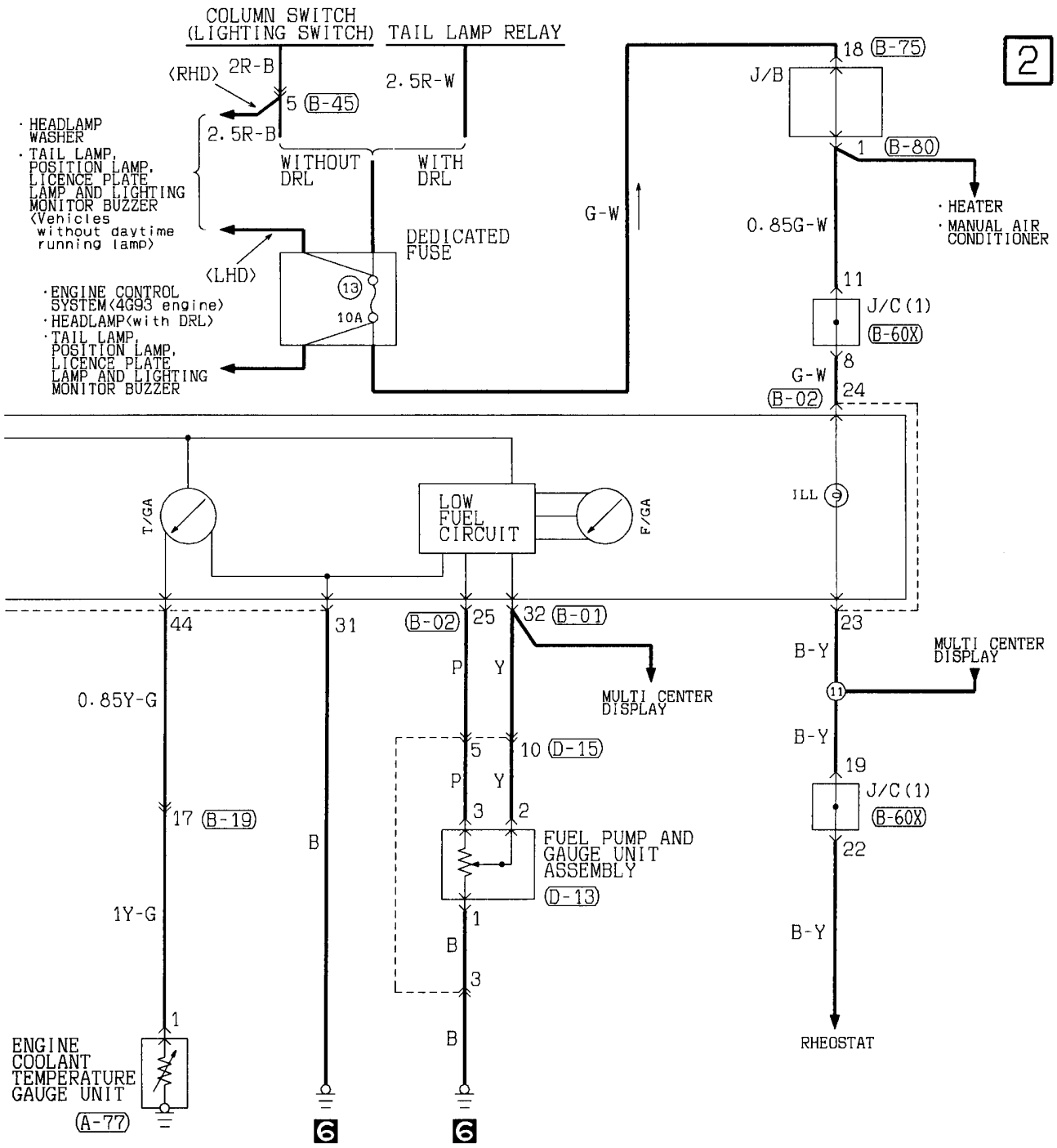
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11	12	13	14	15	16	17	18	19	20	21	22

(B-45)

1	2	3	4		
5	6	7	8	9	10

(A-71)

1	2	3	4		
5	6	7	8	9	10



2

(B-60X)

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-61X)

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-75)

MU801457

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

(B-78)

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

(B-80)

MU801465

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

(D-13)

(MU802058)

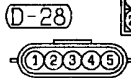
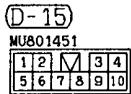
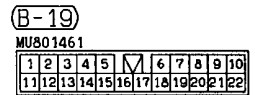
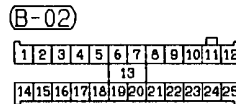
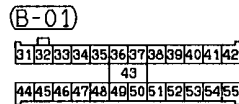
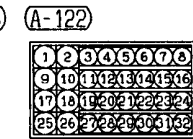
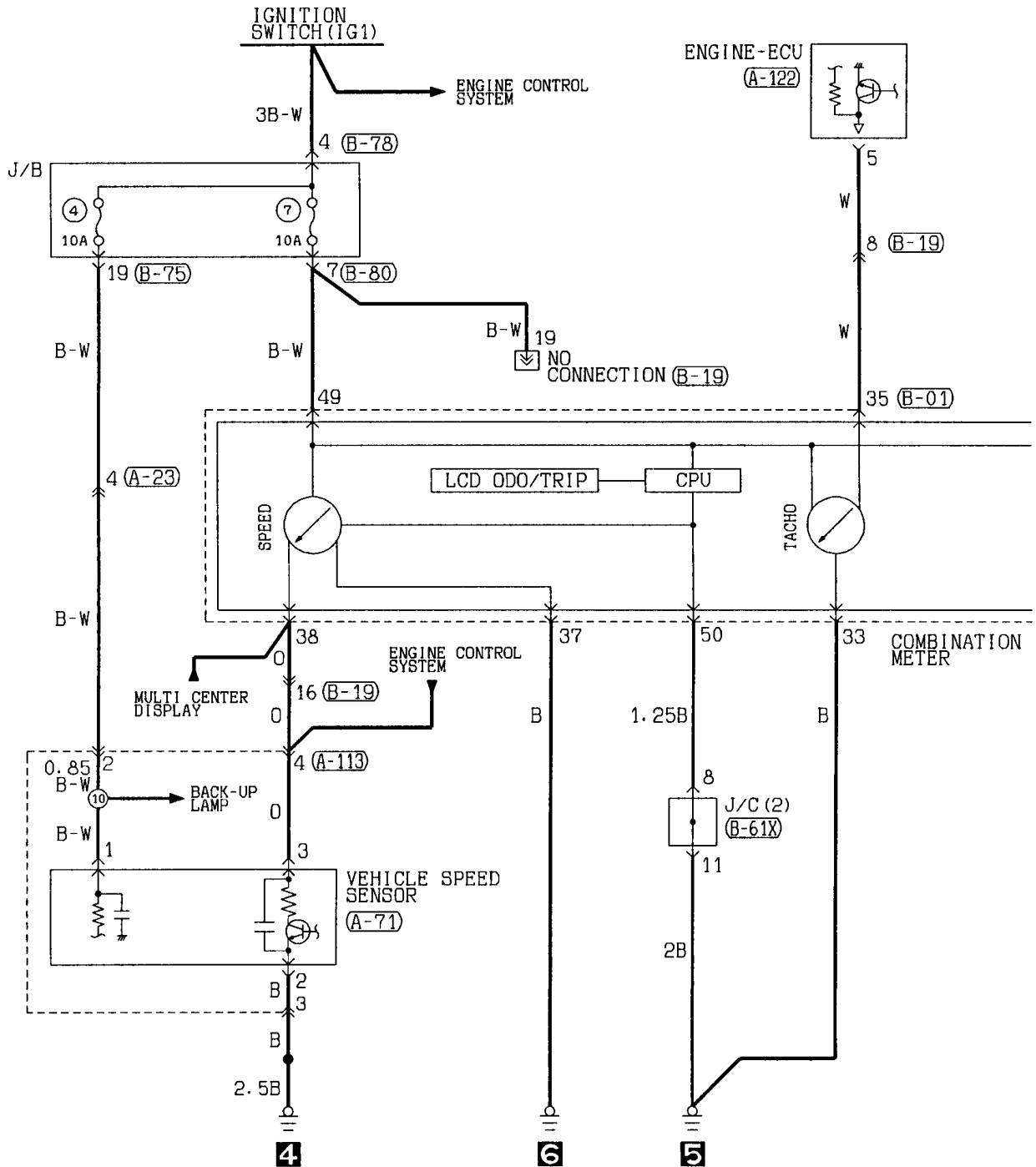
1	2	3
4	5	6

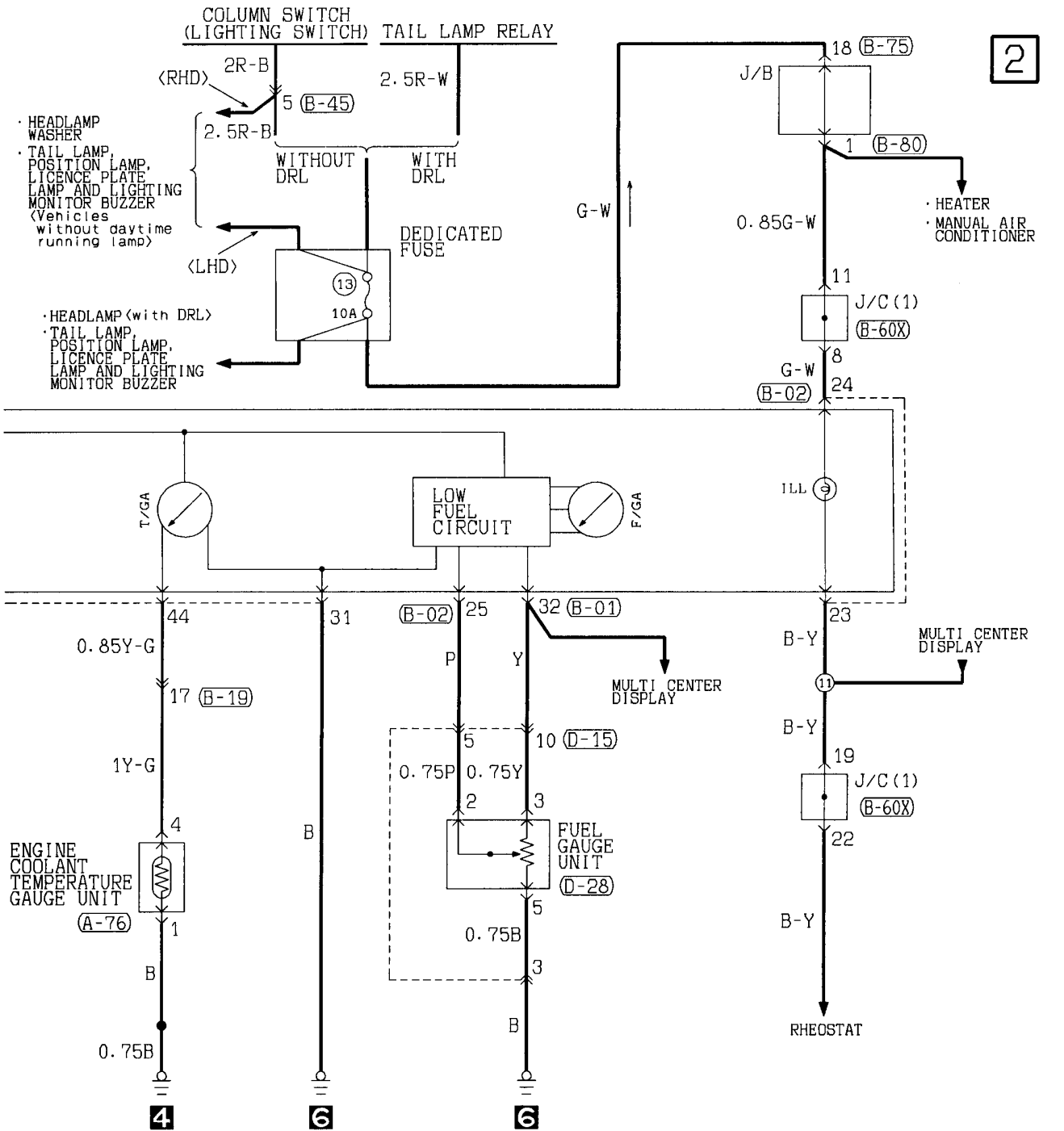
Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

METER AND GAUGE

Diesel-powered vehicles

1





2

(B-45)

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

(B-60X)

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-61X)

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-75)

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

(B-78)

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

(B-80)

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

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

METER AND GAUGE (See P. 4-120, 122.)**OPERATION****<Fuel gauge>**

- When the ignition switch is at the "ON" position, the fuel gauge is activated.
- When there is much fuel, the unit's resistance is small and the current flowing in the circuit is great, so the gauge's indicator indicates in the "Full" area.
- When there is little fuel, the unit's resistance is high and the current flowing in the circuit is small, so the gauge's indicator indicates in the "Empty" area.

<Engine coolant temperature gauge>

- When the ignition switch is at the "ON" position, the engine coolant temperature gauge is activated.
- When the engine coolant temperature is high, the unit's resistance is low and there is a great flow of current in the circuit, so the gauge's indicator indicates in the "H" area.
- When the engine coolant temperature is low, the unit's resistance is high and there is a small flow of current in the circuit, so the gauge's indicator indicates in the "C" area.

TROUBLESHOOTING HINTS

1. Fuel gauge does not operate, or registers incorrectly.
 - (1) The fuel gauge indicates "F" when the fuel gauge unit connector is disconnected and 3V is applied to the "2" terminal. The fuel gauge indicates "E" when the fuel gauge unit connector is disconnected.
 - Check fuel gauge.
2. Engine coolant temperature gauge does not operate, or registers incorrectly.
 - (1) When the engine coolant temperature gauge is earthed with its connector unplugged, it registers "H".
 - Check engine coolant temperature gauge unit.
3. Meter illumination lamp does not illuminate.
 - (1) Tail lamps illuminate.
 - Check rheostat.

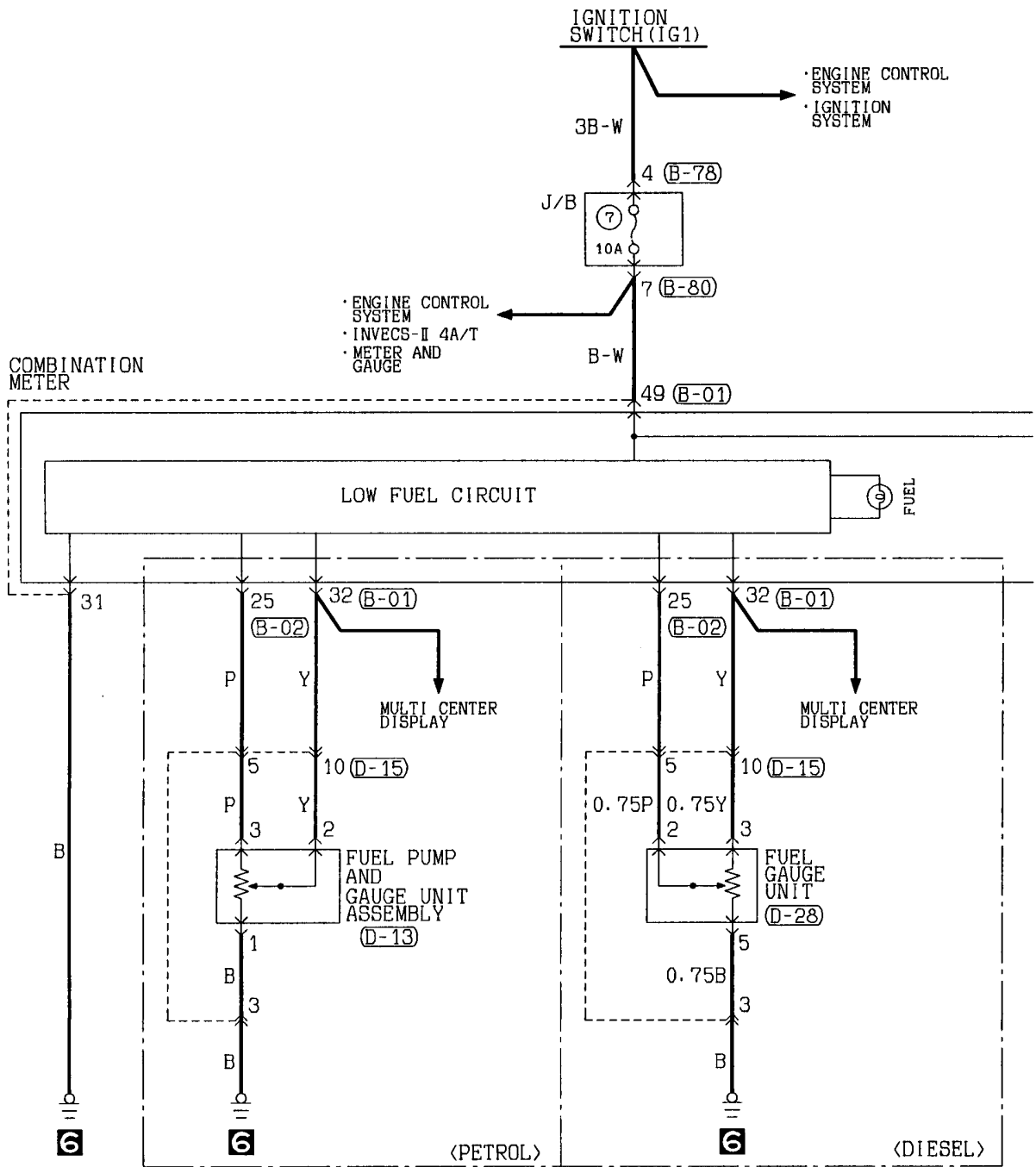
NOTES

FUEL WARNING LAMP

OIL PRESSURE WARNING LAMP

WATER TEMPERATURE WARNING LAMP

1



(A-74)

(A-75)

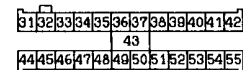
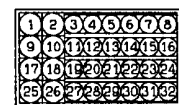
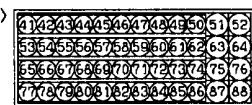
(A-76)

(A-90)

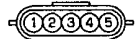
(A-121)

(A-122)

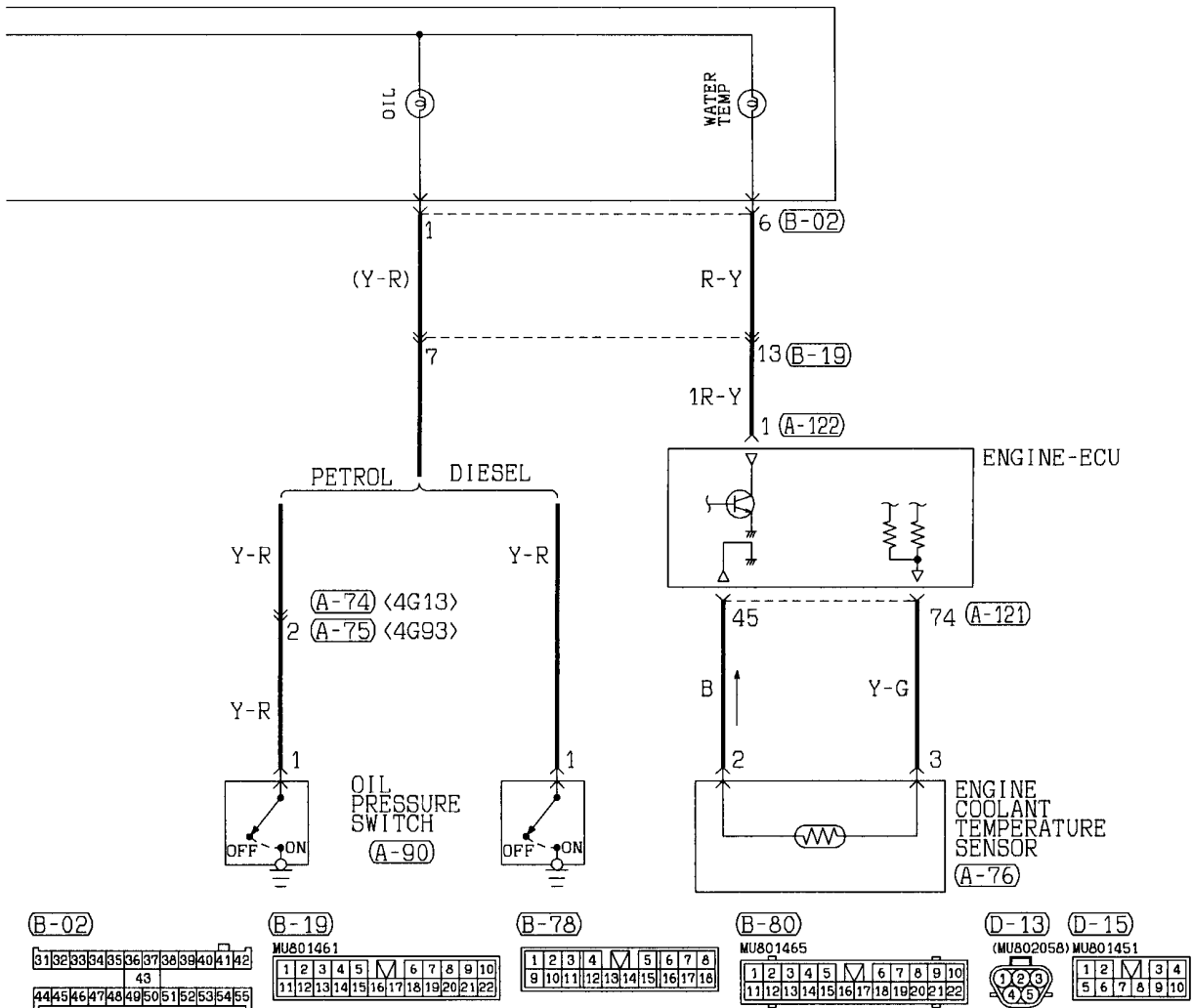
(B-01)



(D-28)



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

FUEL WARNING LAMP (See P. 4-126.)**OIL PRESSURE WARNING LAMP (See P. 4-126.)****OPERATION****<Fuel warning lamp>**

- When the ignition switch is at the ON position and the fuel level drops, the resistance of the unit increases. When the resistance rises to a value that is higher than the specified value, the fuel warning lamp illuminates to inform the driver that the fuel level is low.

<Oil pressure warning lamp>

- When the lubrication system fails after engine starting, resulting in the oil pressure failing to build up, the oil pressure switch turns on causing the oil pressure warning lamp to illuminate.

HEATER (See P. 4-130.)**OPERATION**

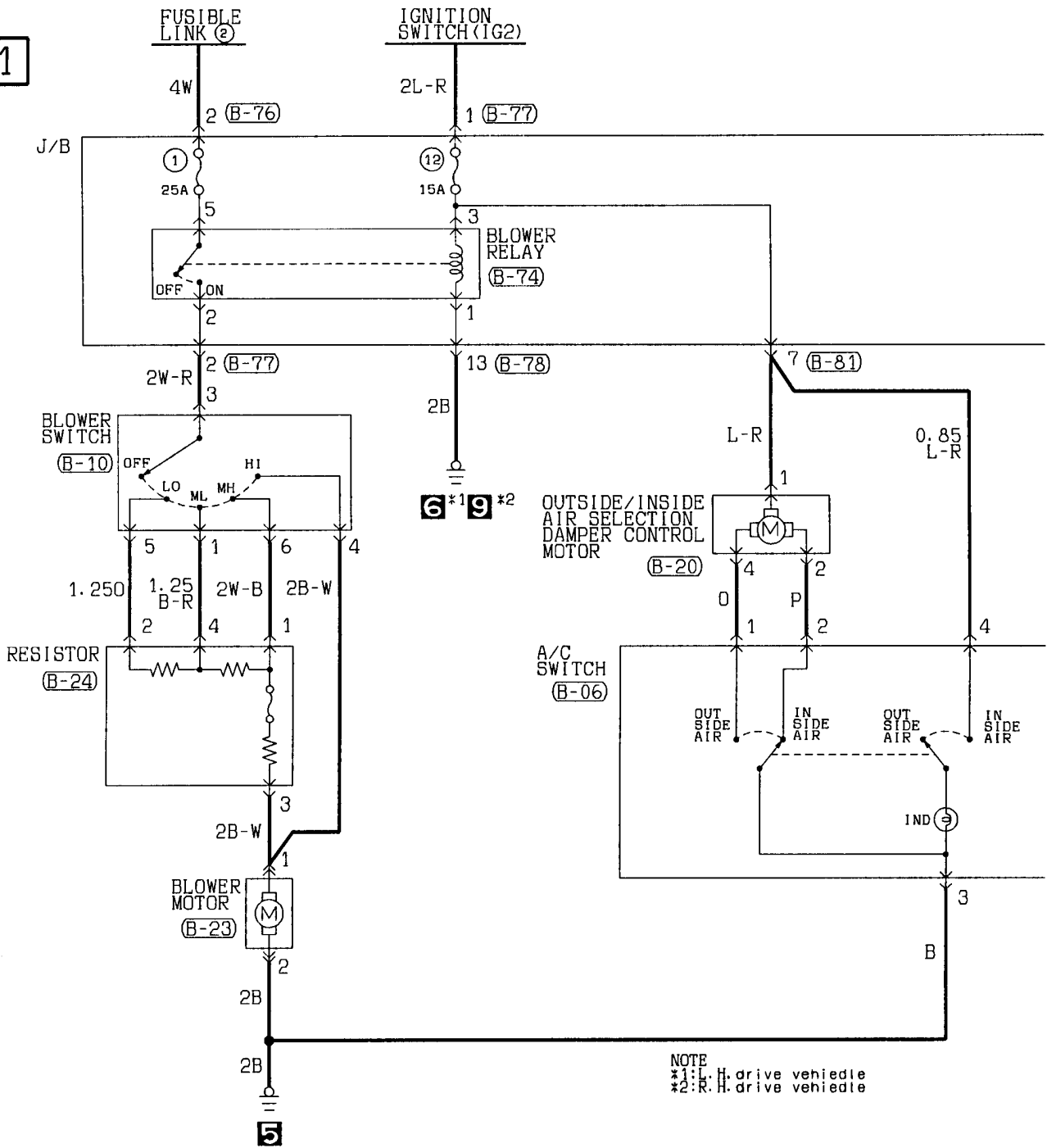
- When the ignition switch is turned ON, the blower relay is energized. If the blower switch is turned ON (LO, ML, MH, or HI position) in this condition, the blower is activated through the circuit via resistor at a speed corresponding to the blower switch position.

TROUBLESHOOTING HINTS

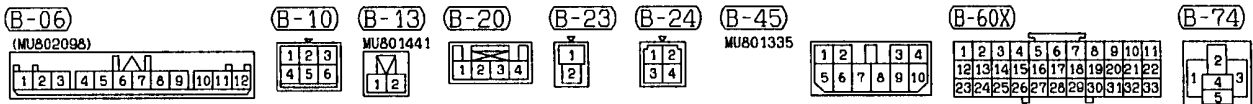
1. Blower motor is energized at one switch position and not energized at another.
 - Check harness and connectors between defective switch position and resistor (or blower motor in HI position).
2. Blower motor is energized only when switch is positioned in HI.
 - Check resistor.
3. Blower motor speed does not represent the switch position.
 - Check blower switch.

HEATER

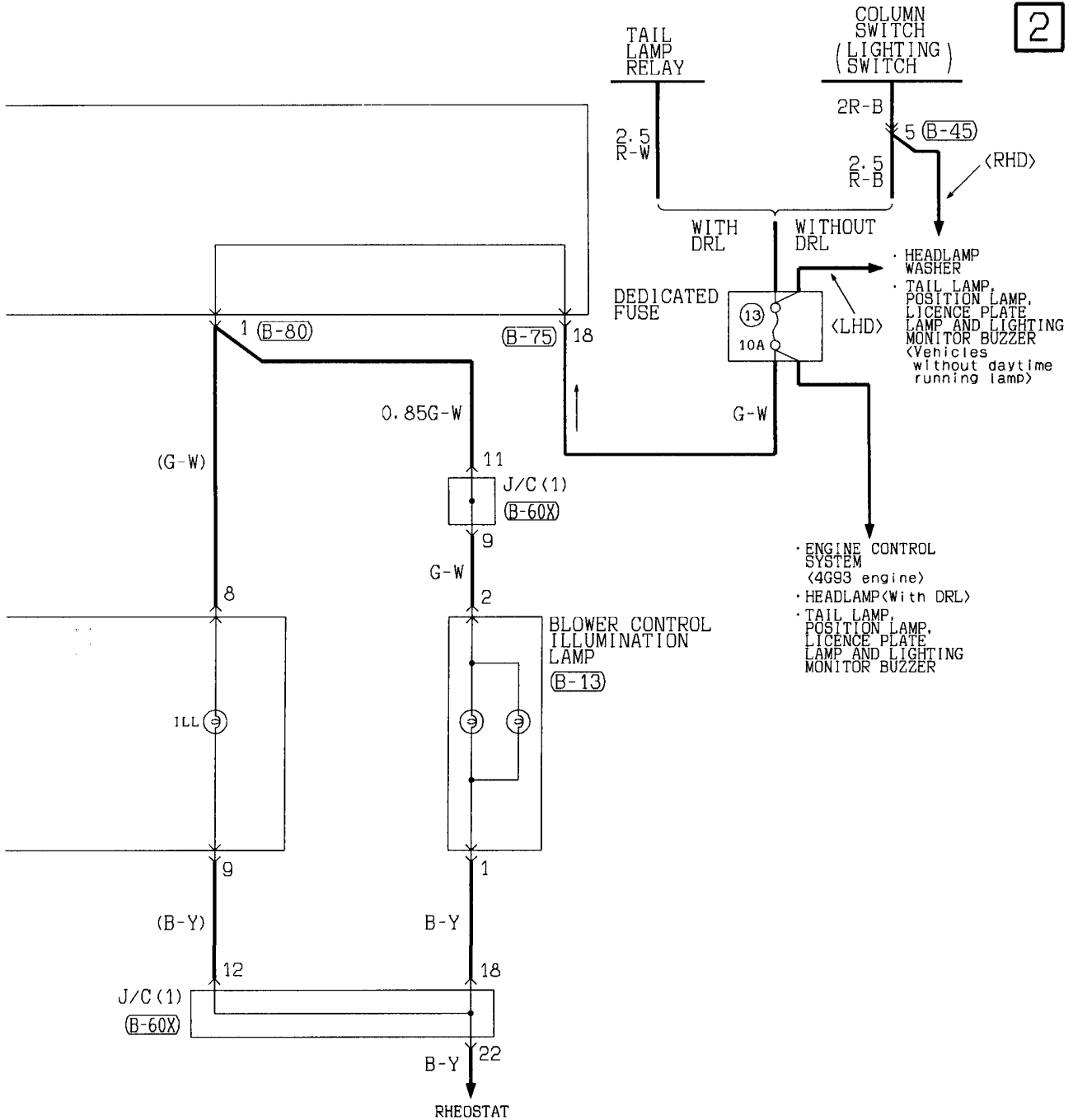
1



NOTE
 *1: L. H. drive vehicles
 *2: R. H. drive vehicles



2



(B-75)

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

(B-76)

1	2
---	---

(B-77)

1	2	3
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(B-78)

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

(B-80)

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

(B-81)

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

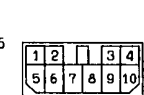
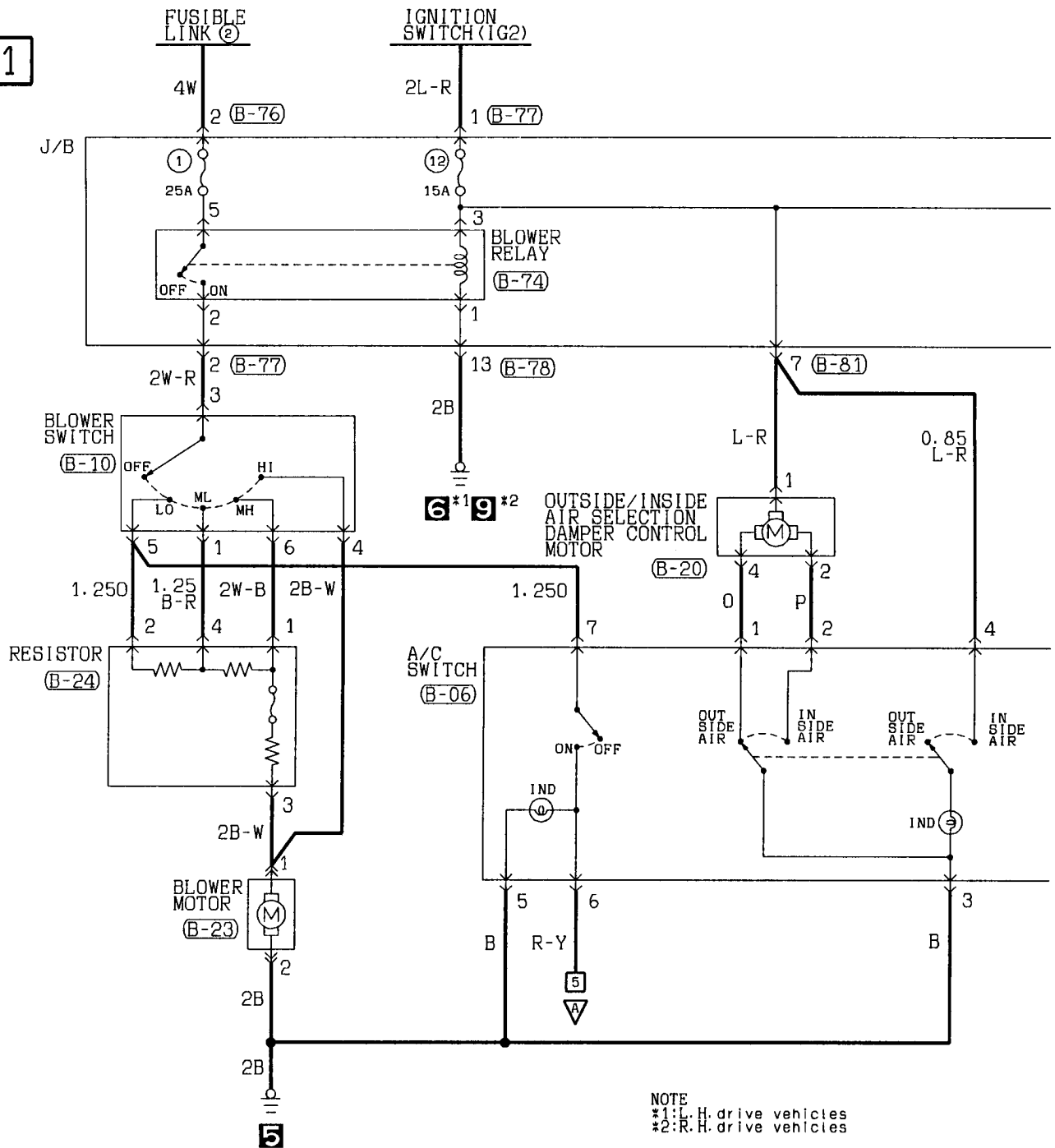
Wire colour code

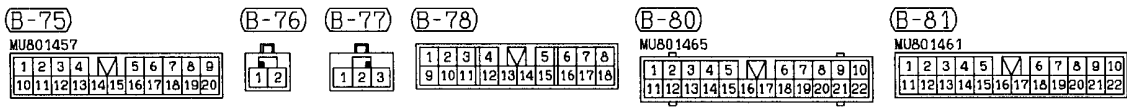
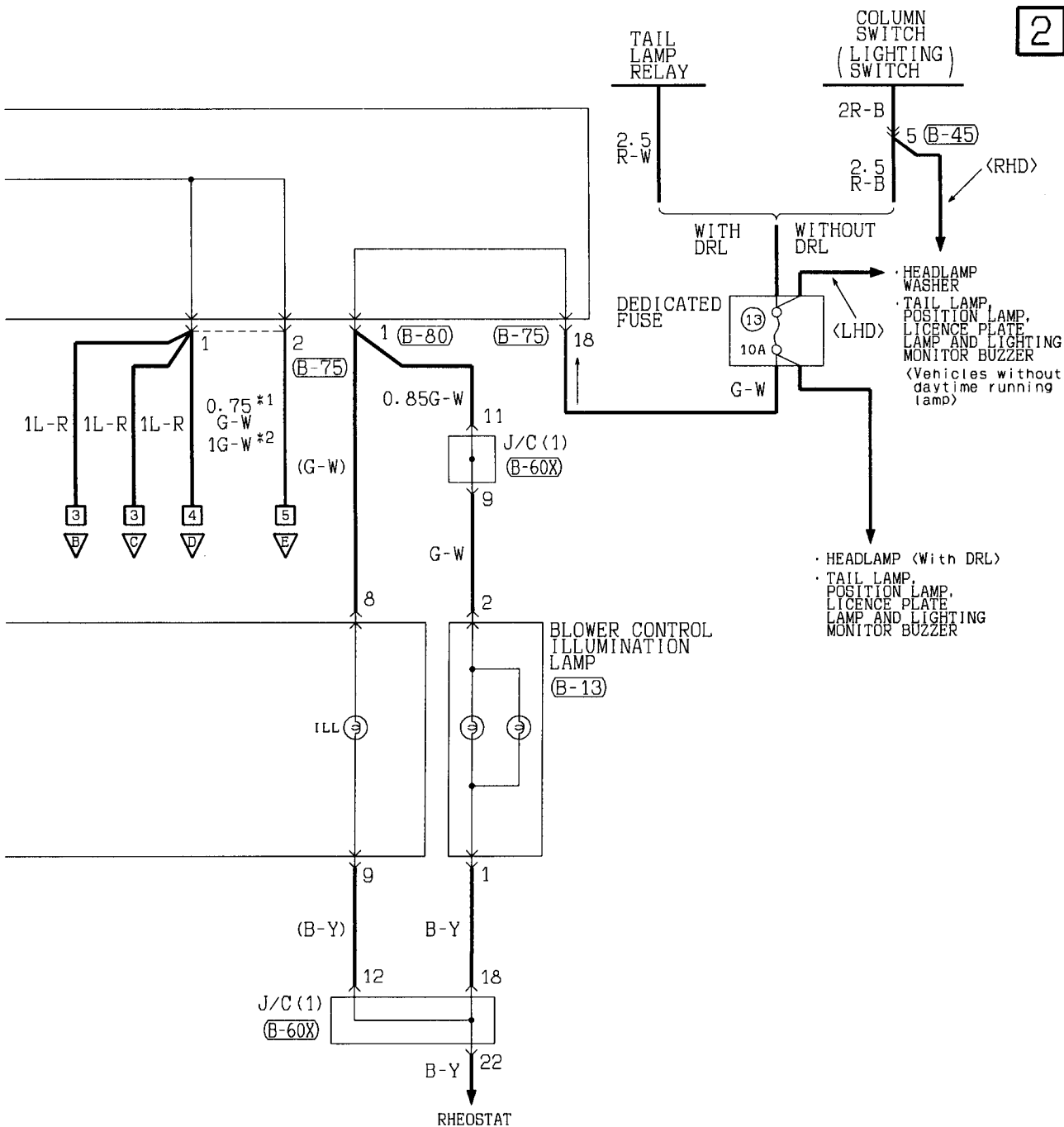
B : Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

MANUAL AIR CONDITIONER

4G13 engine

1

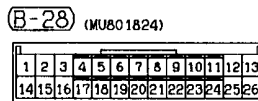
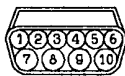
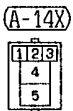
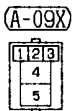
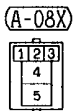
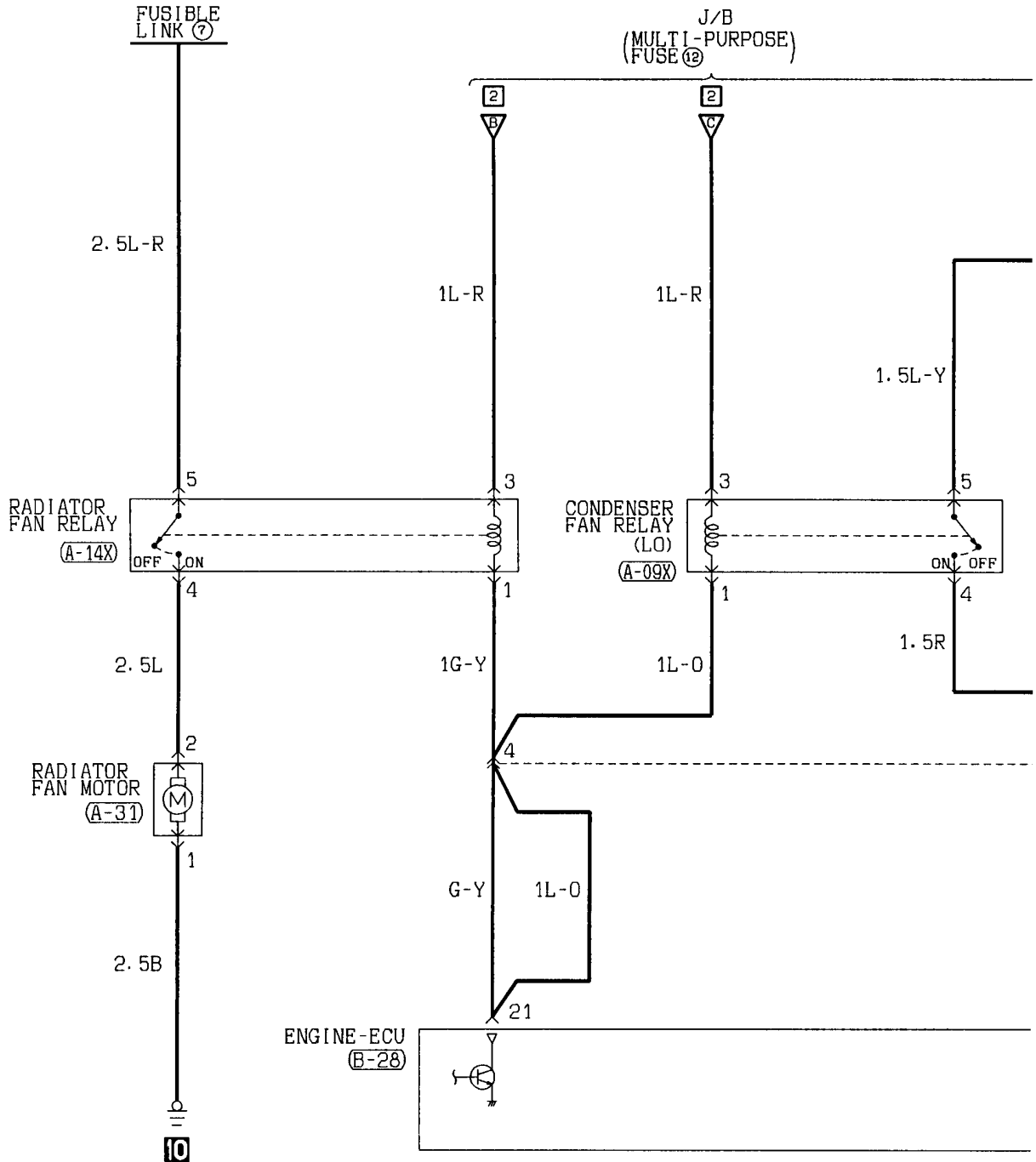


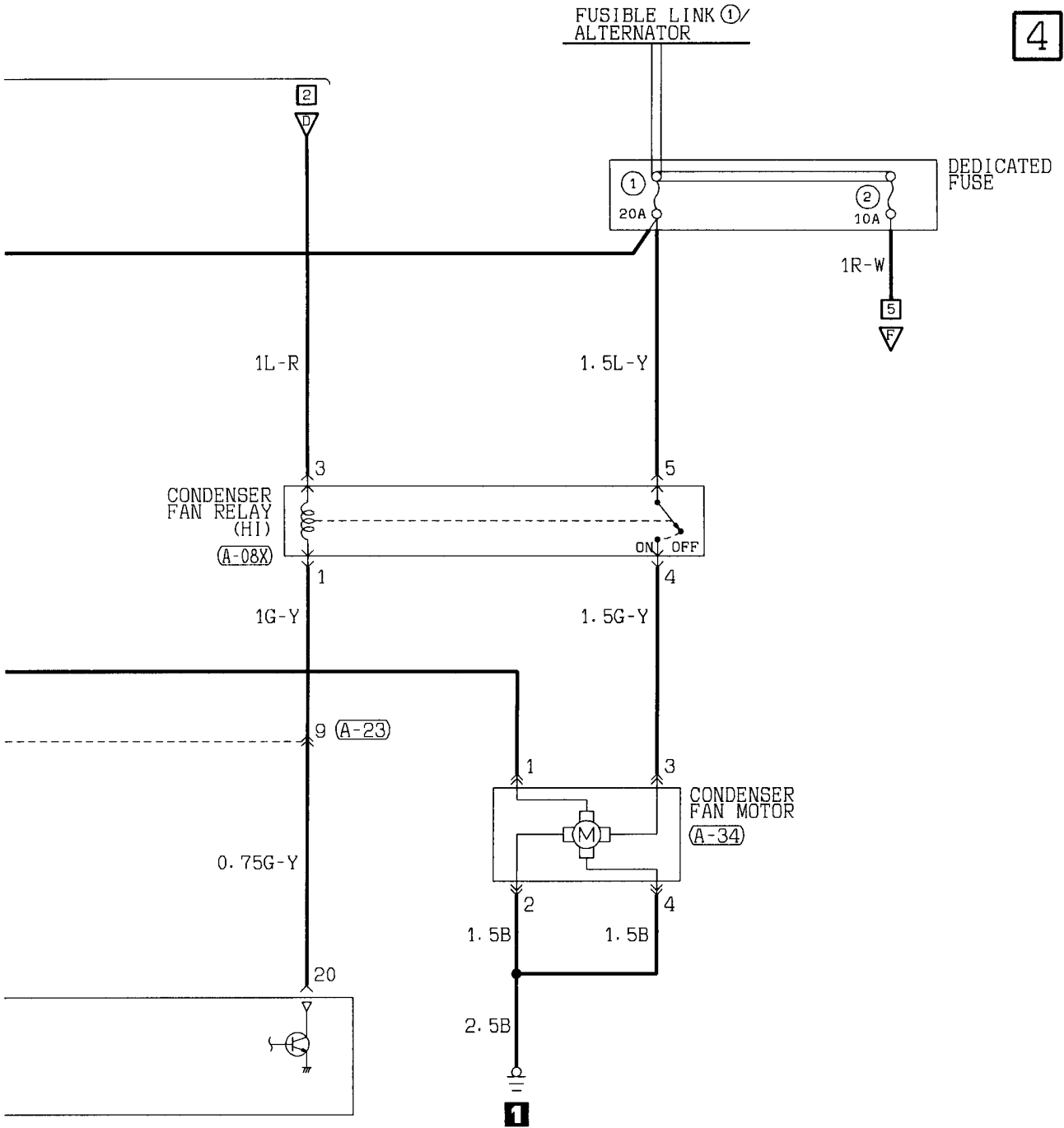


Wire colour code
 B :Black LG:Light green G:Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

MANUAL AIR CONDITIONER <4G13 engine> (CONTINUED)

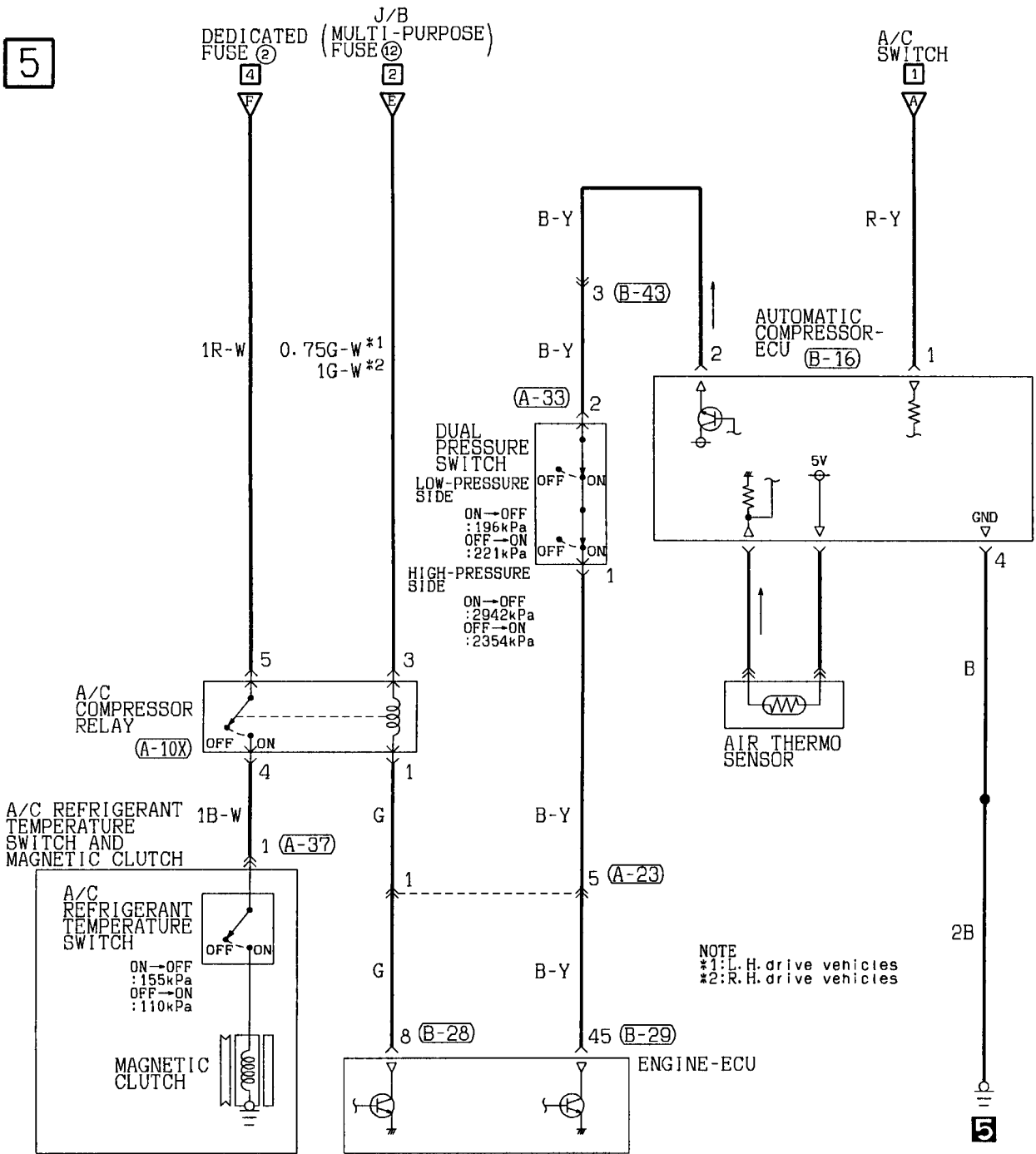
3





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

MANUAL AIR CONDITIONER <4G13 engine> (CONTINUED)

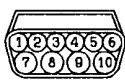


(A-10X)



(A-23)

MU802355



(A-33)



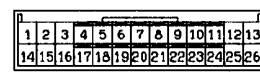
(A-37)



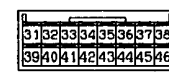
(B-16)



(B-28) (MU801824)

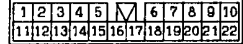


(B-29) (MU801822)



(B-43)

MU801461



Wire colour code

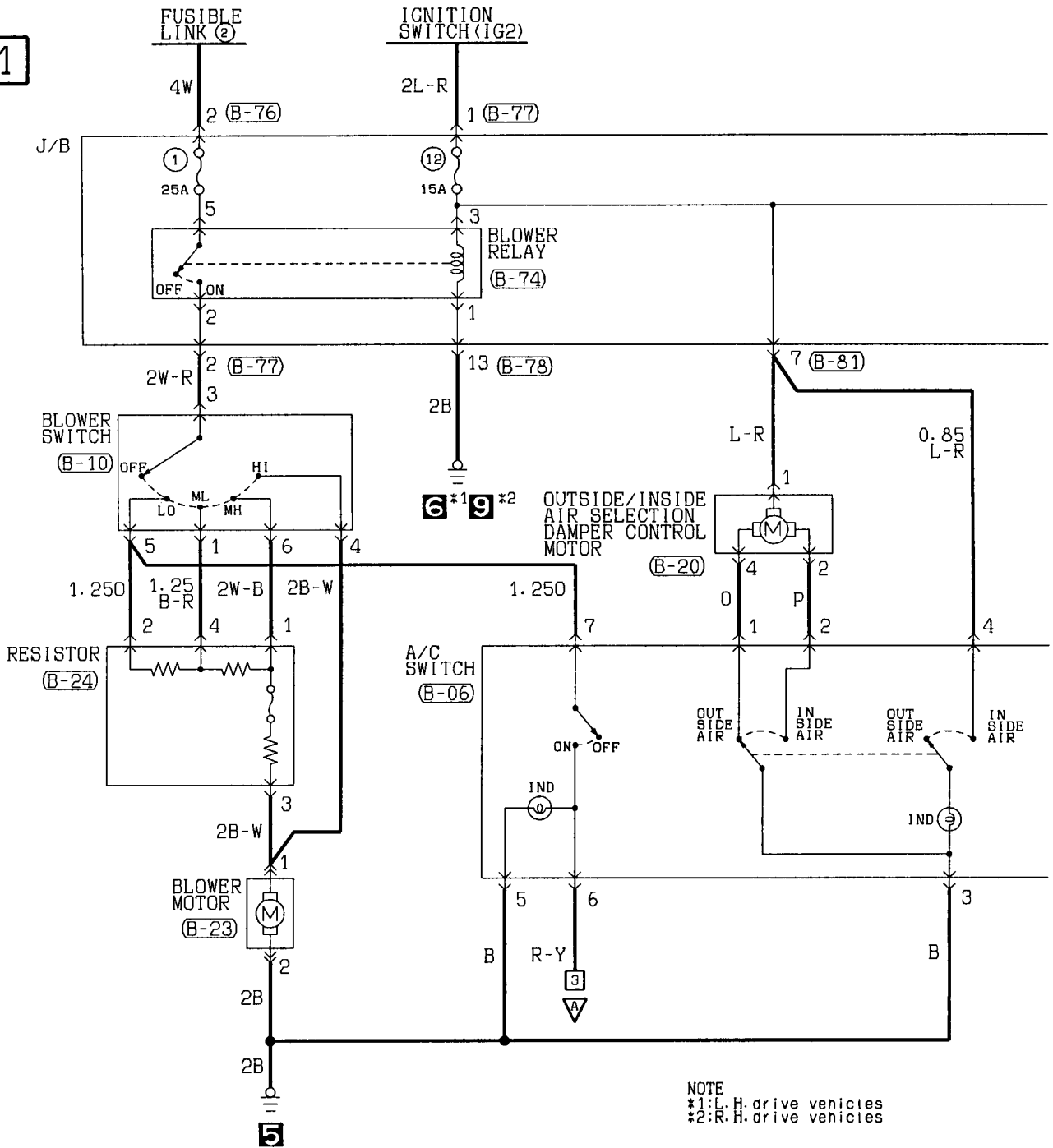
- B : Black
- BR : Brown
- W : White
- V : Violet
- LG : Light green
- O : Orange
- SB : Sky blue
- G : Green
- GR : Gray
- P : Pink
- L : Blue
- R : Red
- Y : Yellow

NOTES

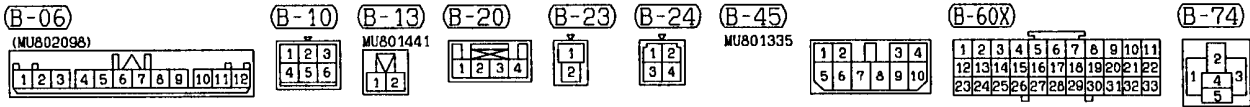
MANUAL AIR CONDITIONER

4G93 engine

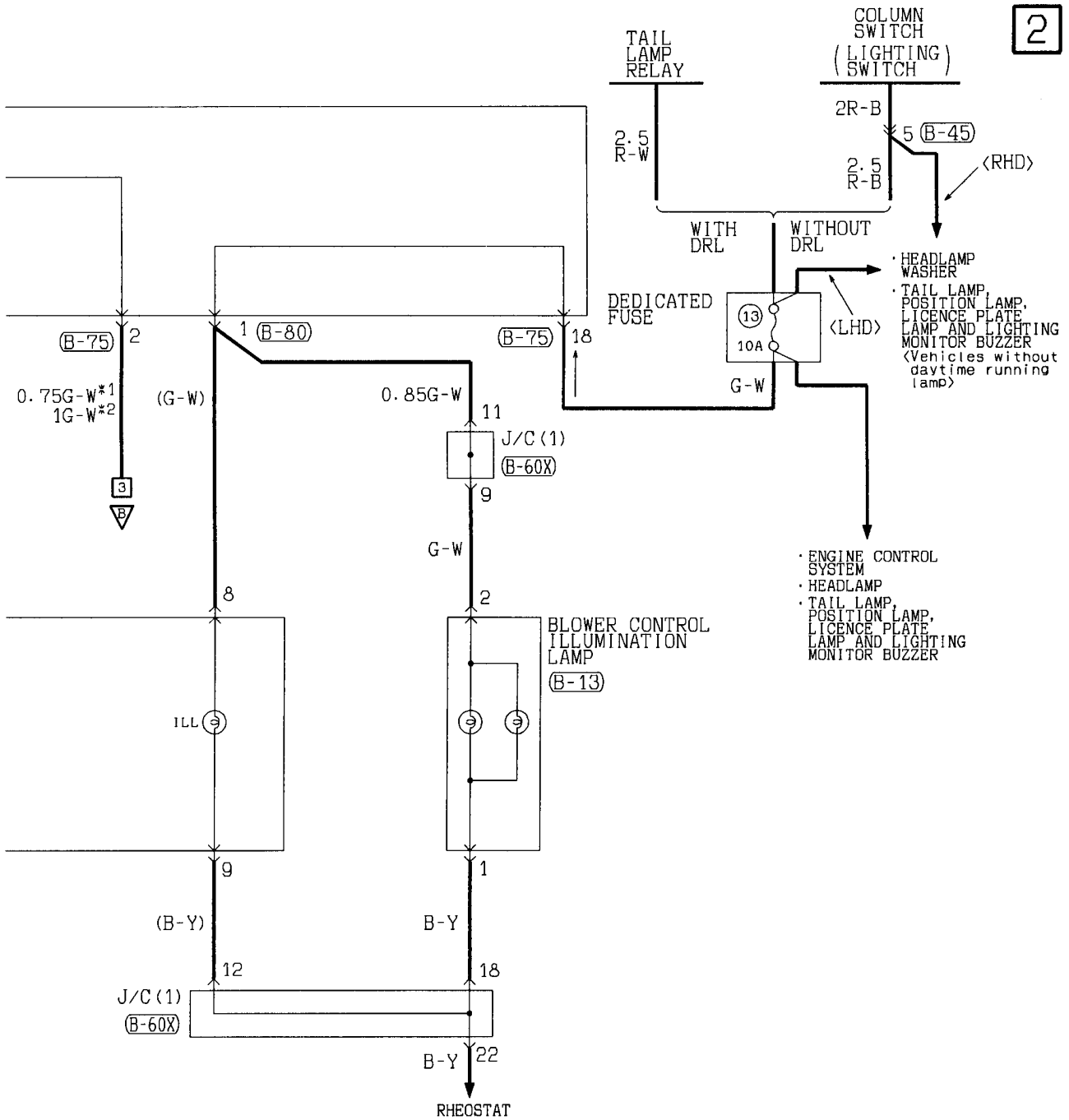
1



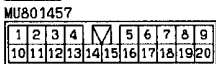
NOTE
 *1: L.H. drive vehicles
 *2: R.H. drive vehicles



2



(B-75)



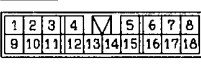
(B-76)



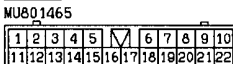
(B-77)



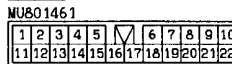
(B-78)



(B-80)

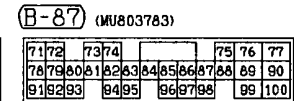
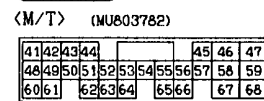
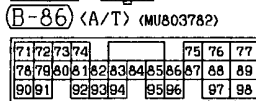
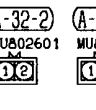
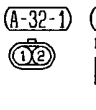
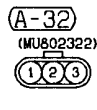
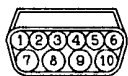
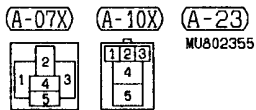
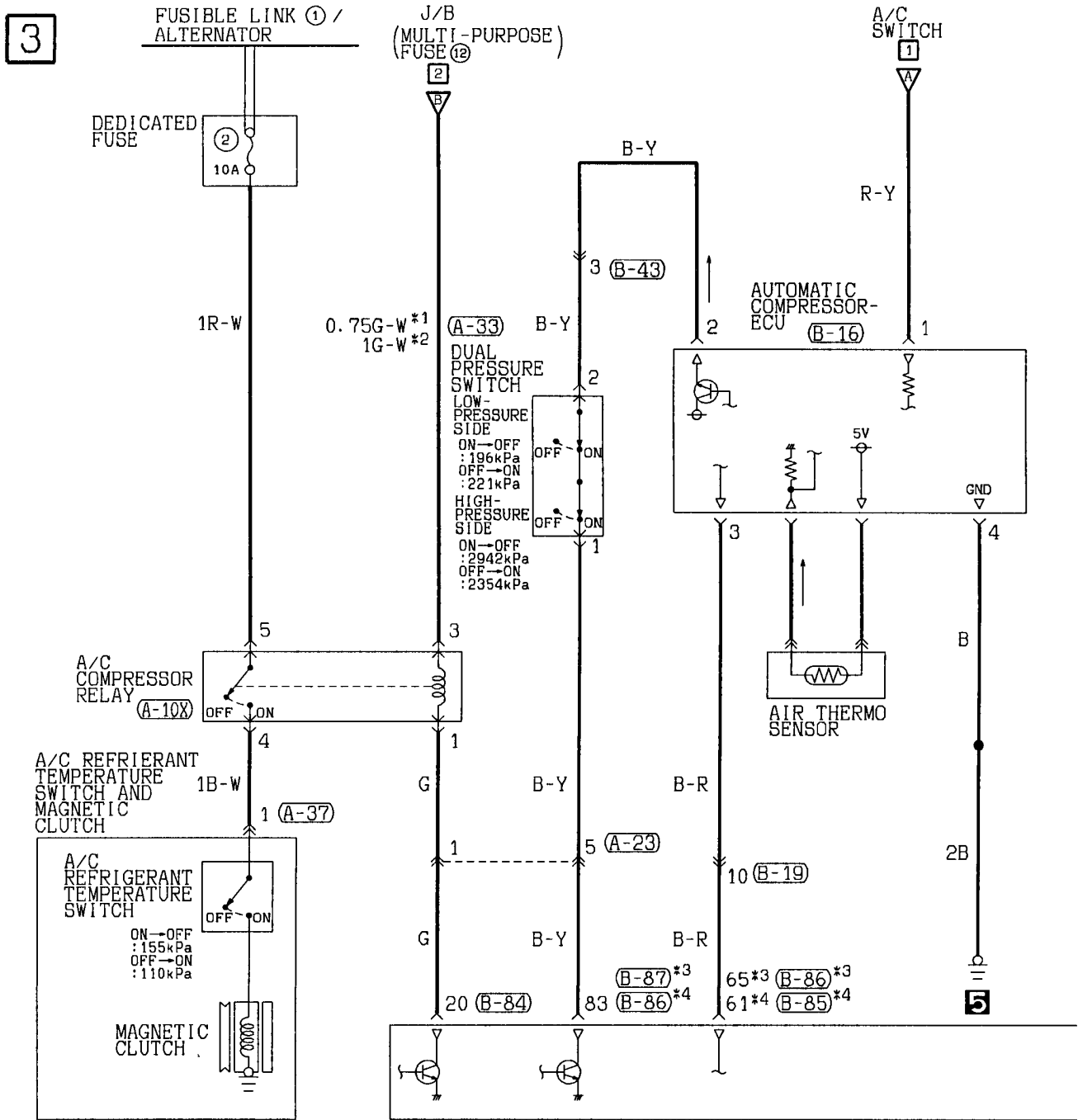


(B-81)



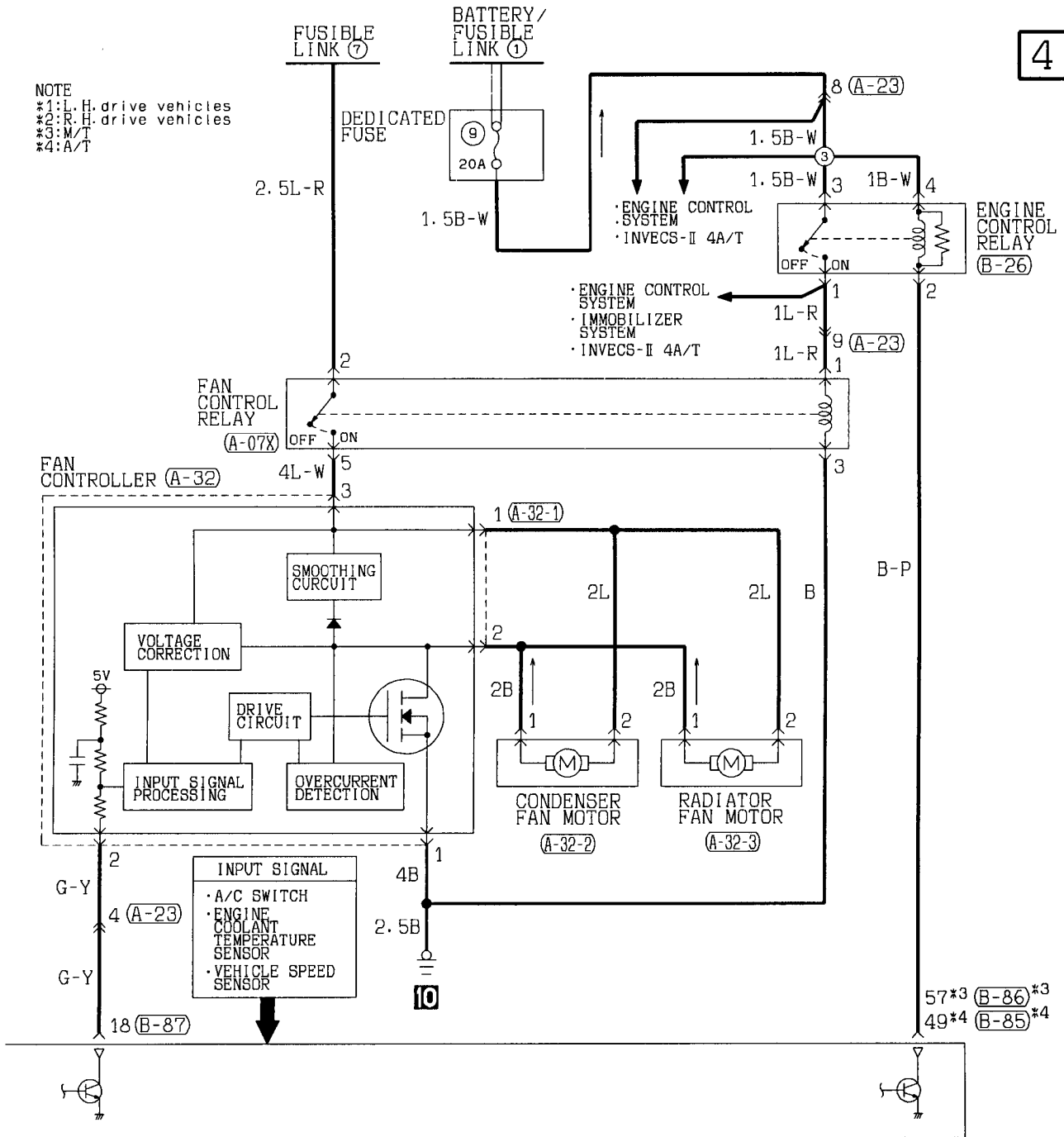
Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

MANUAL AIR CONDITIONER <4G93 engine> (CONTINUED)



4

NOTE
 #1:L.H.drive vehicles
 #2:R.H.drive vehicles
 #3:M/T
 #4:A/T



(B-26)

1	2
3	4

(B-43)

NU801461

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

(B-84) (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-85) (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				

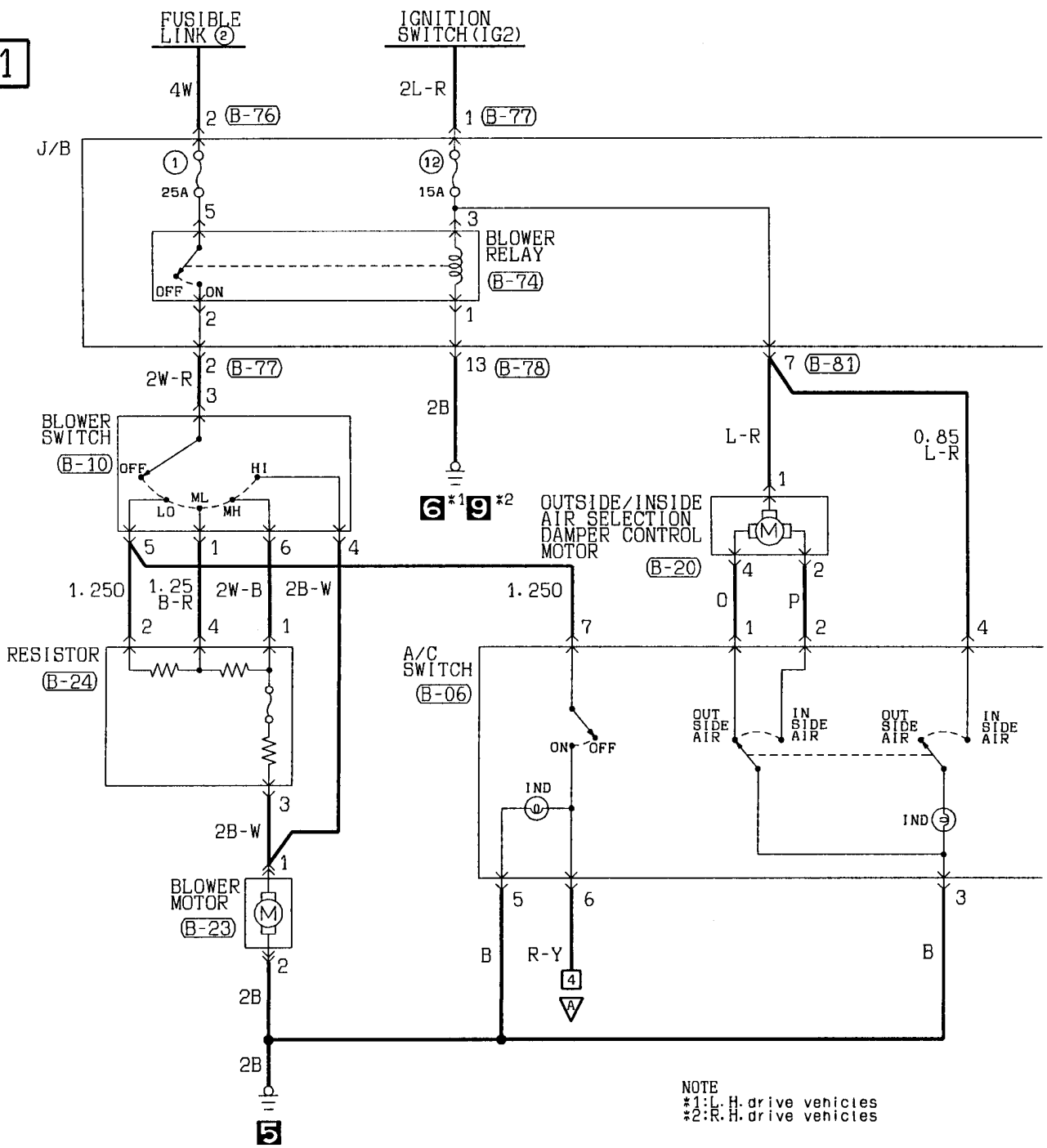
Wire colour code

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

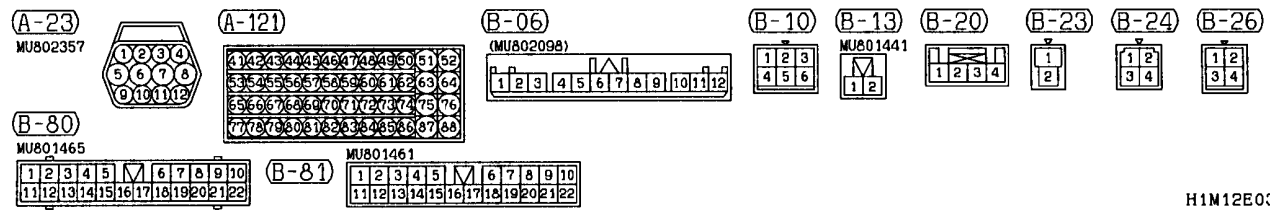
MANUAL AIR CONDITIONER

F9Q1 engine

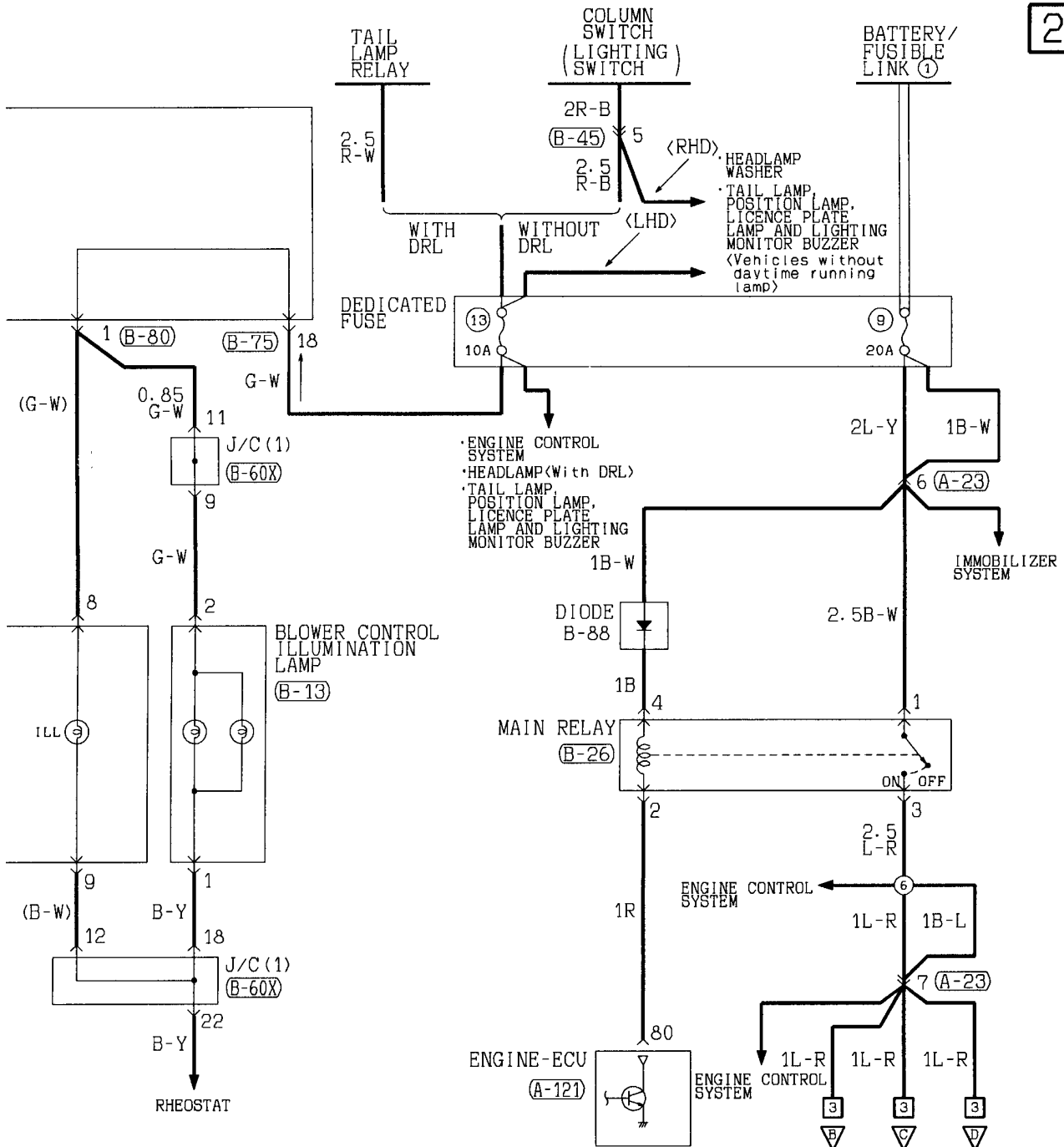
1



NOTE
 *1:L. H. drive vehicles
 *2:R. H. drive vehicles



2



(B-45) MU801335

1	2	3	4
5	6	7	8
9	10		

(B-60X)

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-74)

1	2
3	4
5	

(B-75) MU801457

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

(B-76)

1	2
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(B-77)

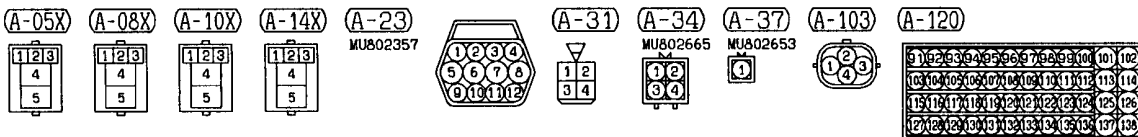
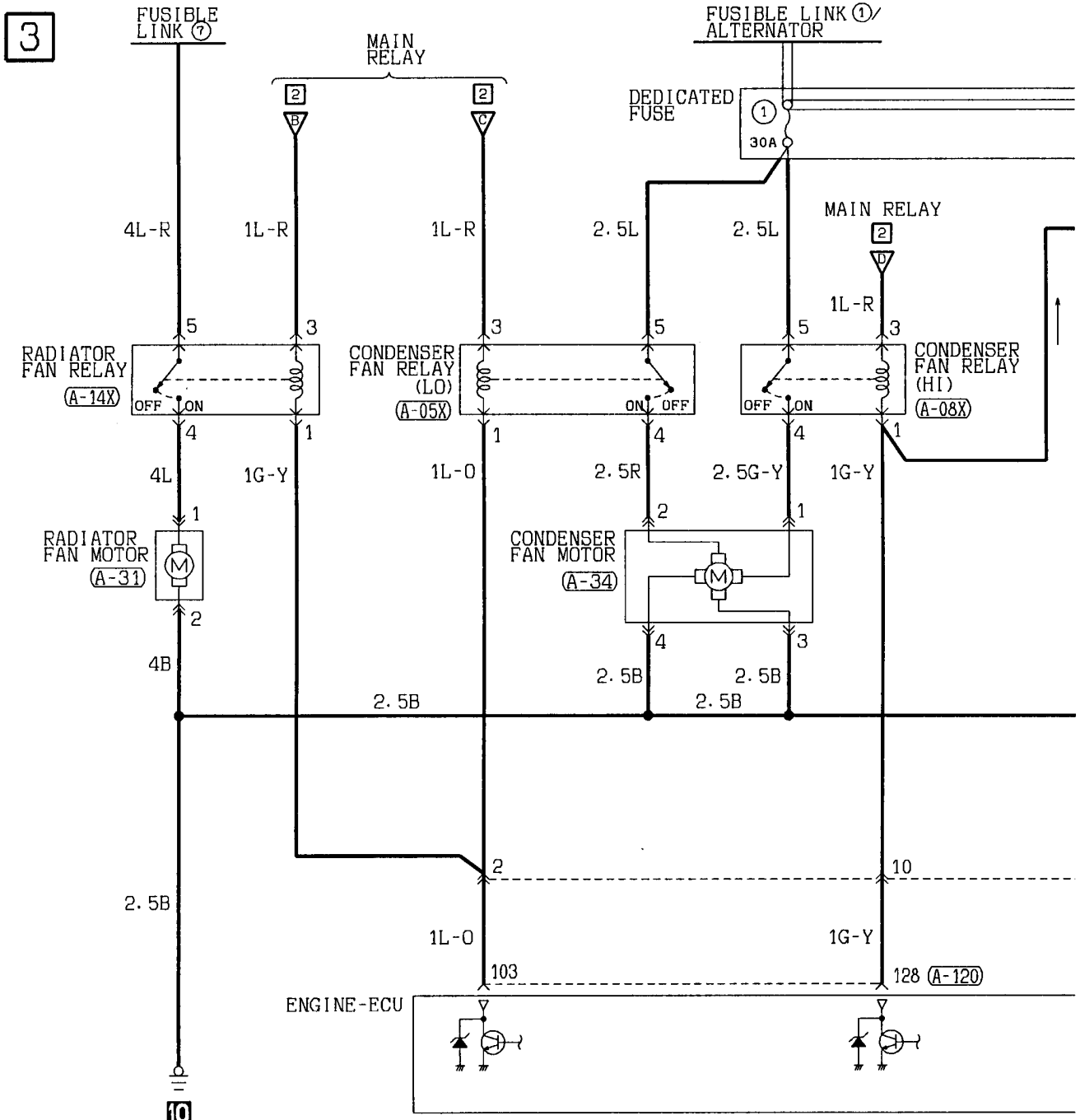
1	2	3
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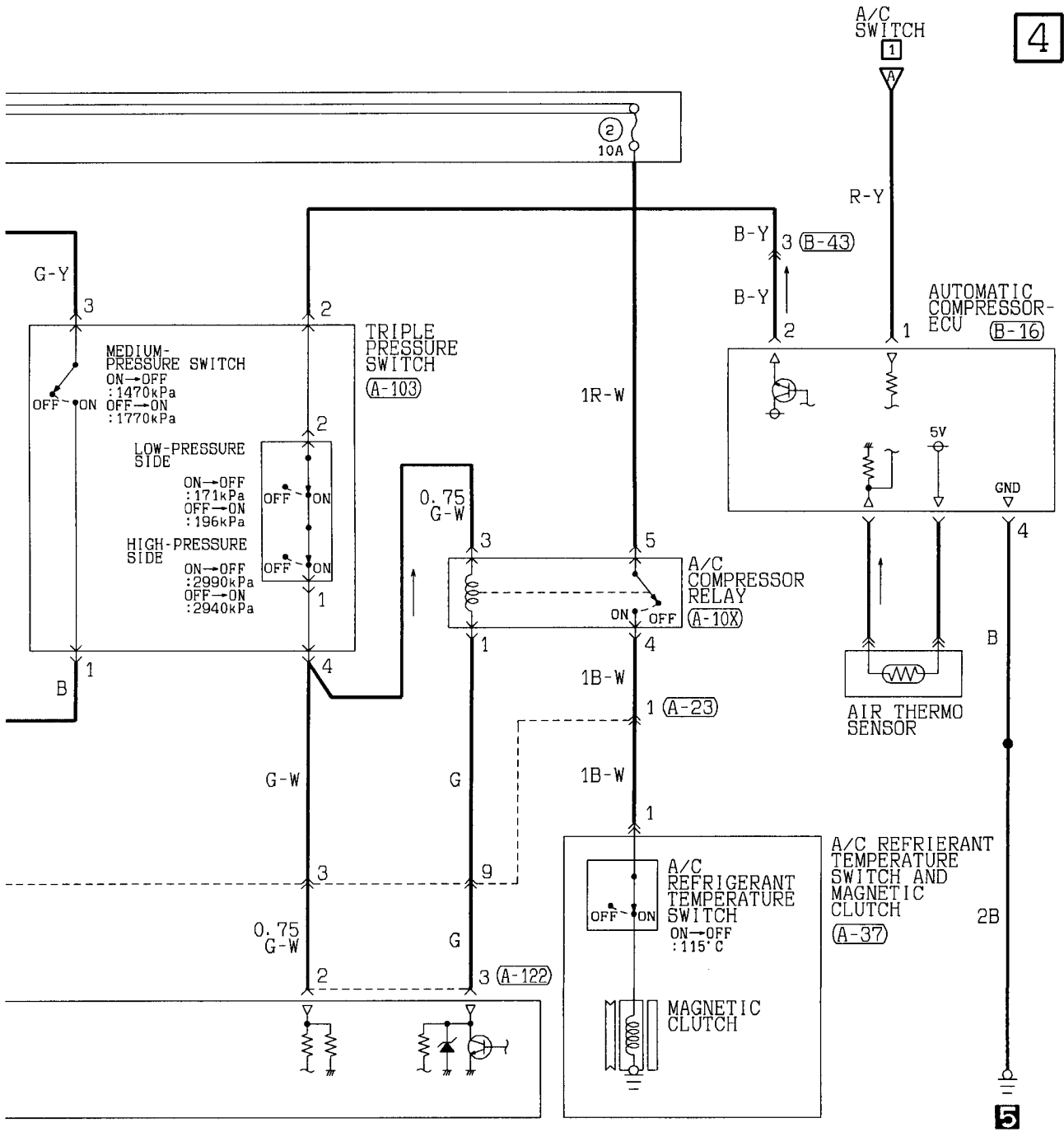
(B-78)

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

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

MANUAL AIR CONDITIONER <F9Q1 engine> (CONTINUED)

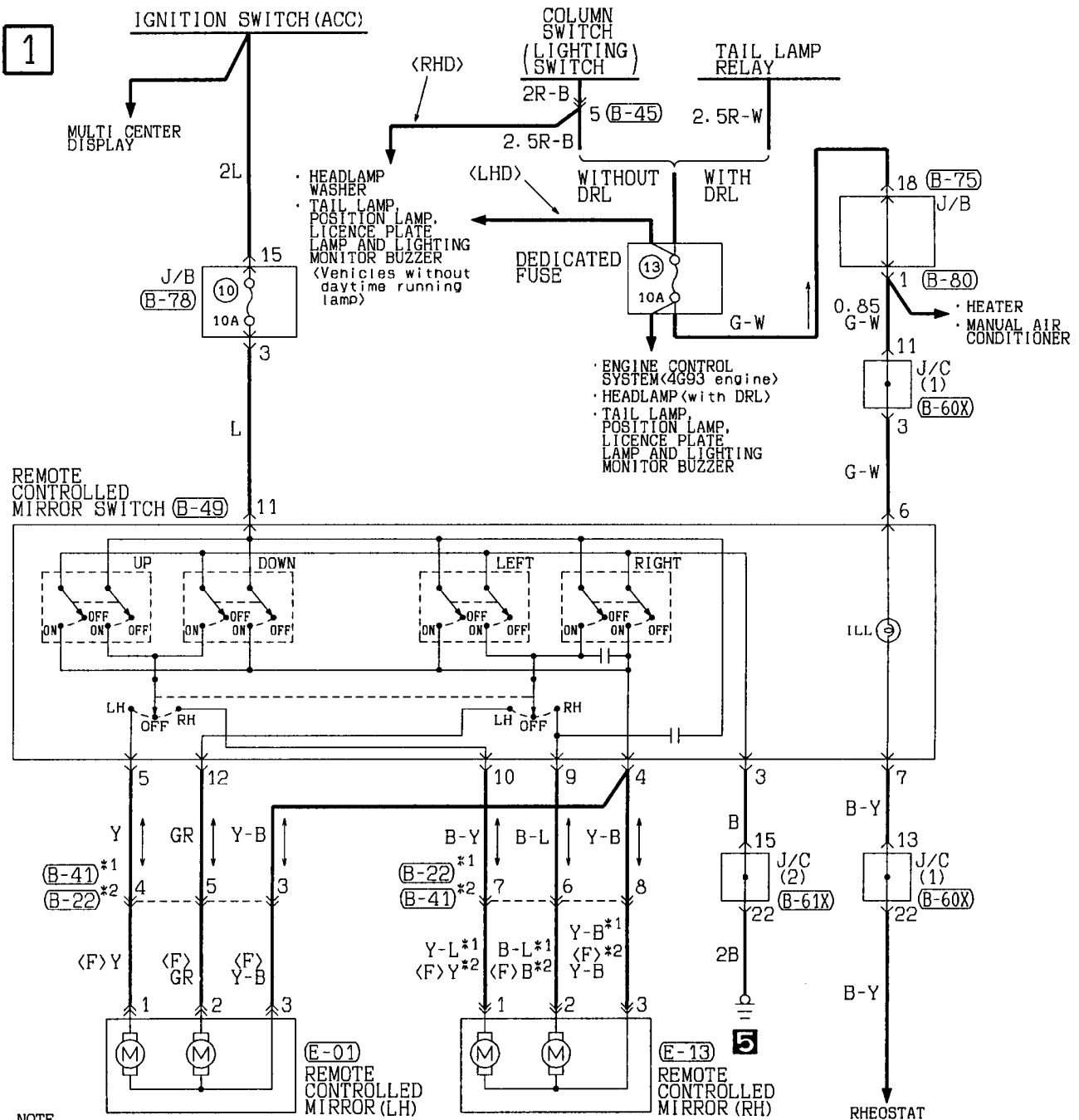




A-122	B-16	B-43																																																										
<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td>32</td></tr> </table>	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	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>	1	2	3	4	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> </table>	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																																																					
1	2	3	4																																																									
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

REMOTE CONTROLLED MIRROR



NOTE
 *1: L. H. drive vehicles
 *2: R. H. drive vehicles

(B-22)

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

MU801461

(B-41)

1	2	3	4	5	M	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

(B-45)

1	2	3	4		
5	6	7	8	9	10

MU801335

(B-49)

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

(MU803723)

(B-60X)

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-61X)

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-75)

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

MU801457

(B-78)

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

(B-80)

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

(E-01)

1	2	3	4	5
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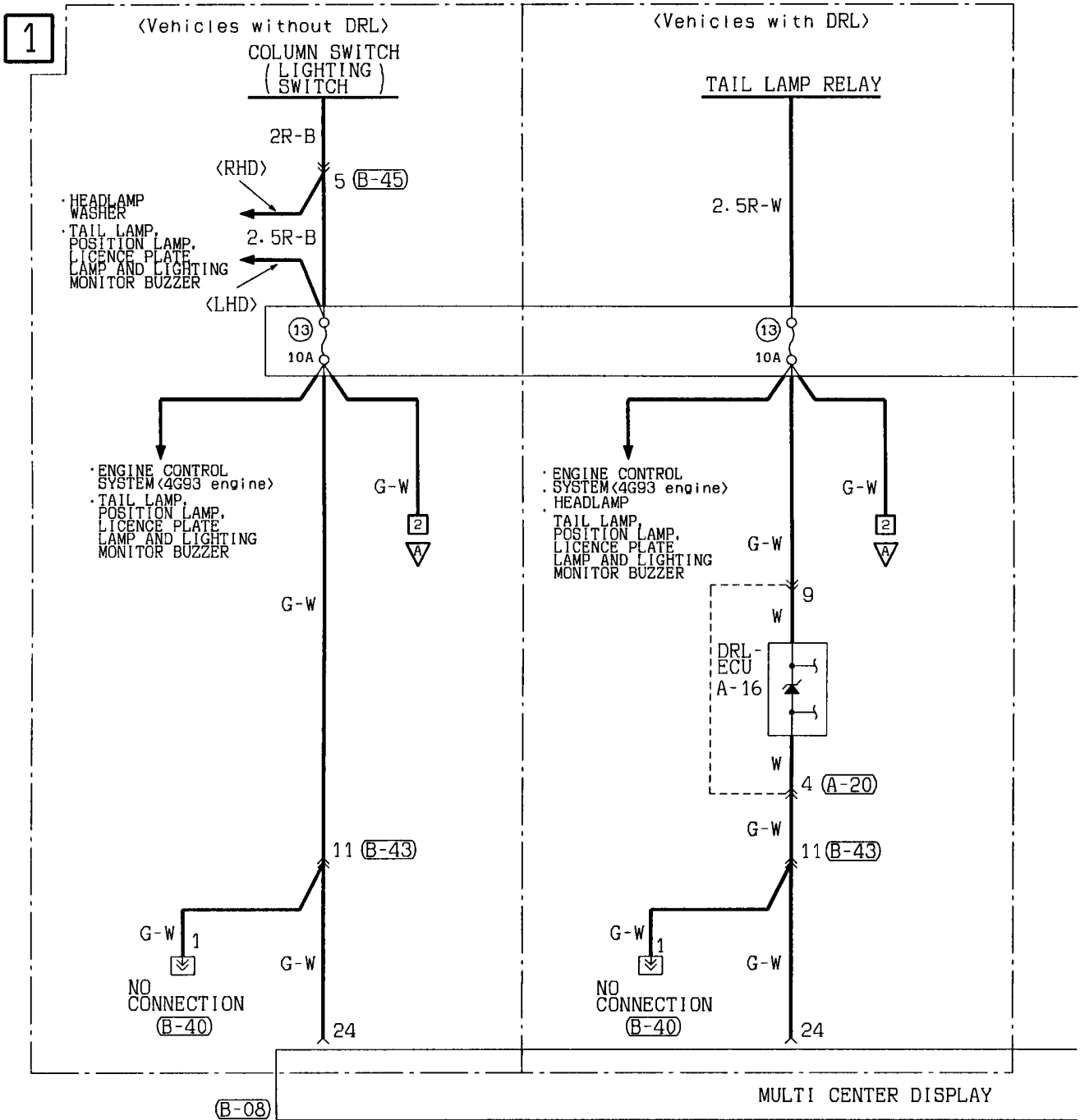
(E-13)

1	2	3	4	5
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NOTES

MULTI CENTER DISPLAY

Vehicles without navigation system



(A-20) MU802645

1	2	3	4	5
6	7	8	9	10

(B-05) MU801453

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

(B-08) (MU801584)

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

(B-40) MU801445

M			
1	2	3	4

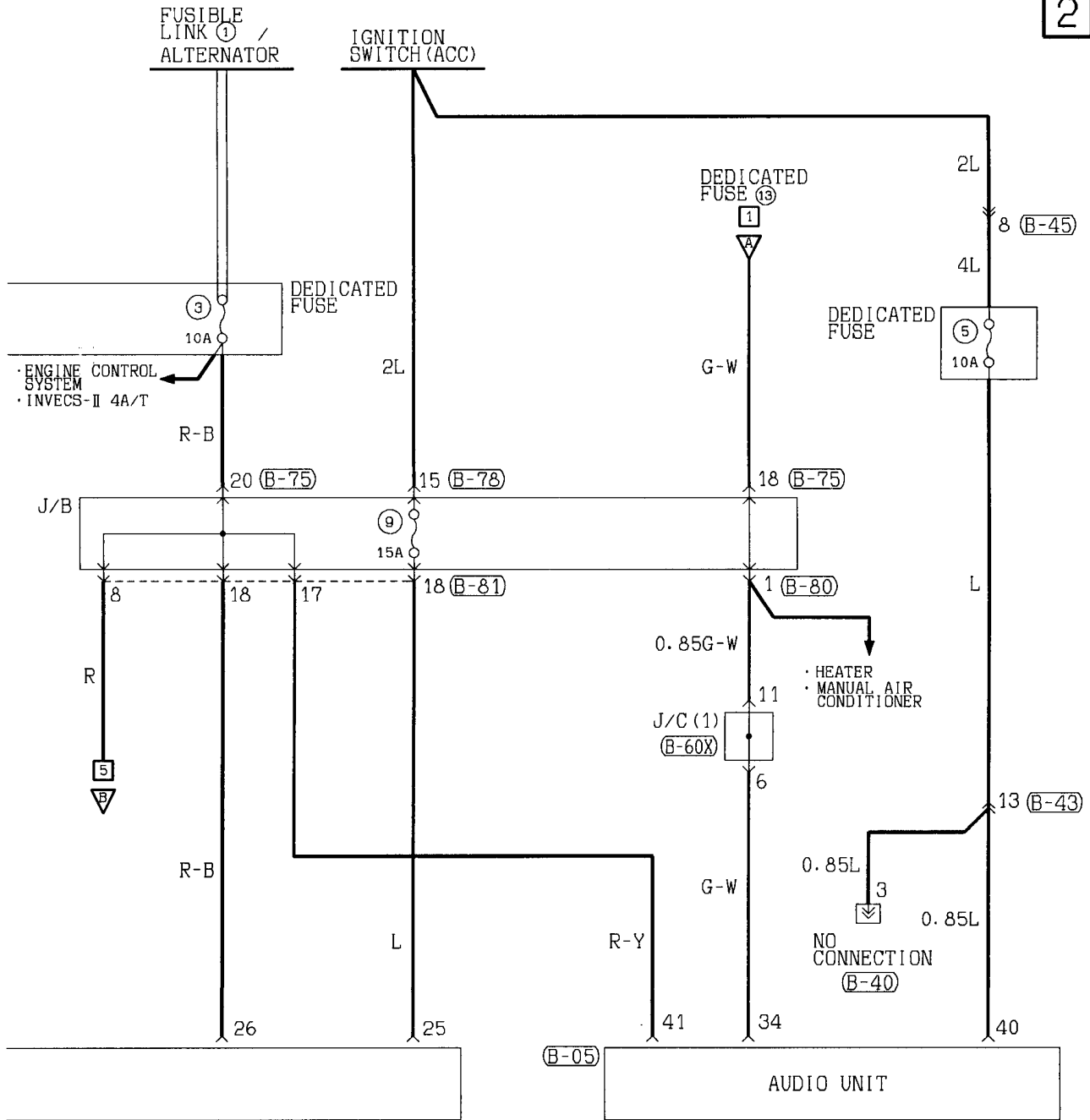
(B-43) MU801461

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

(B-45) MU801335

1	2	∇	3	4	
5	6	7	8	9	10

2



(B-60X)

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-75)

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

(B-78)

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

(B-80)

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

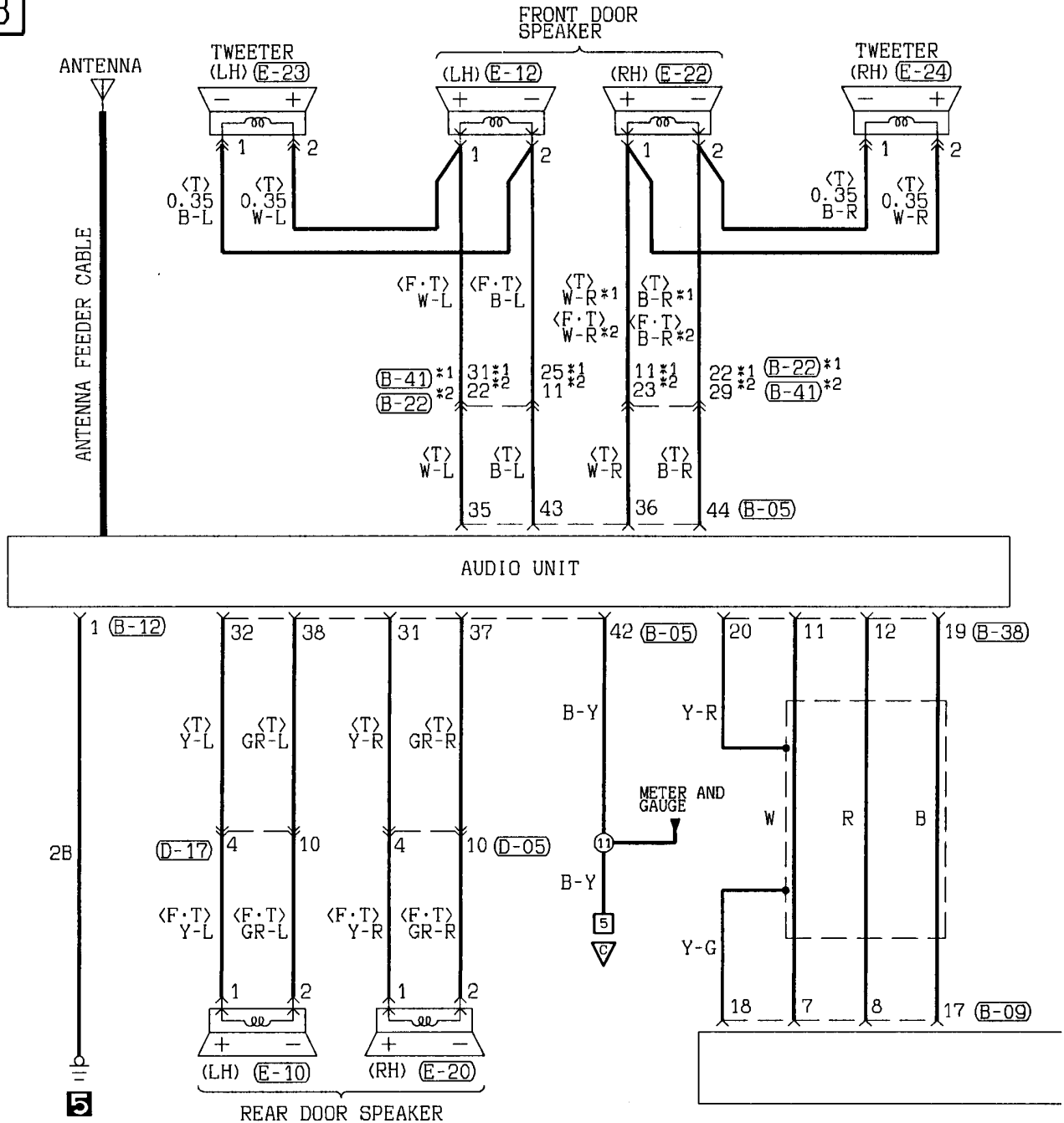
(B-81)

1	2	3	4	5	M	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

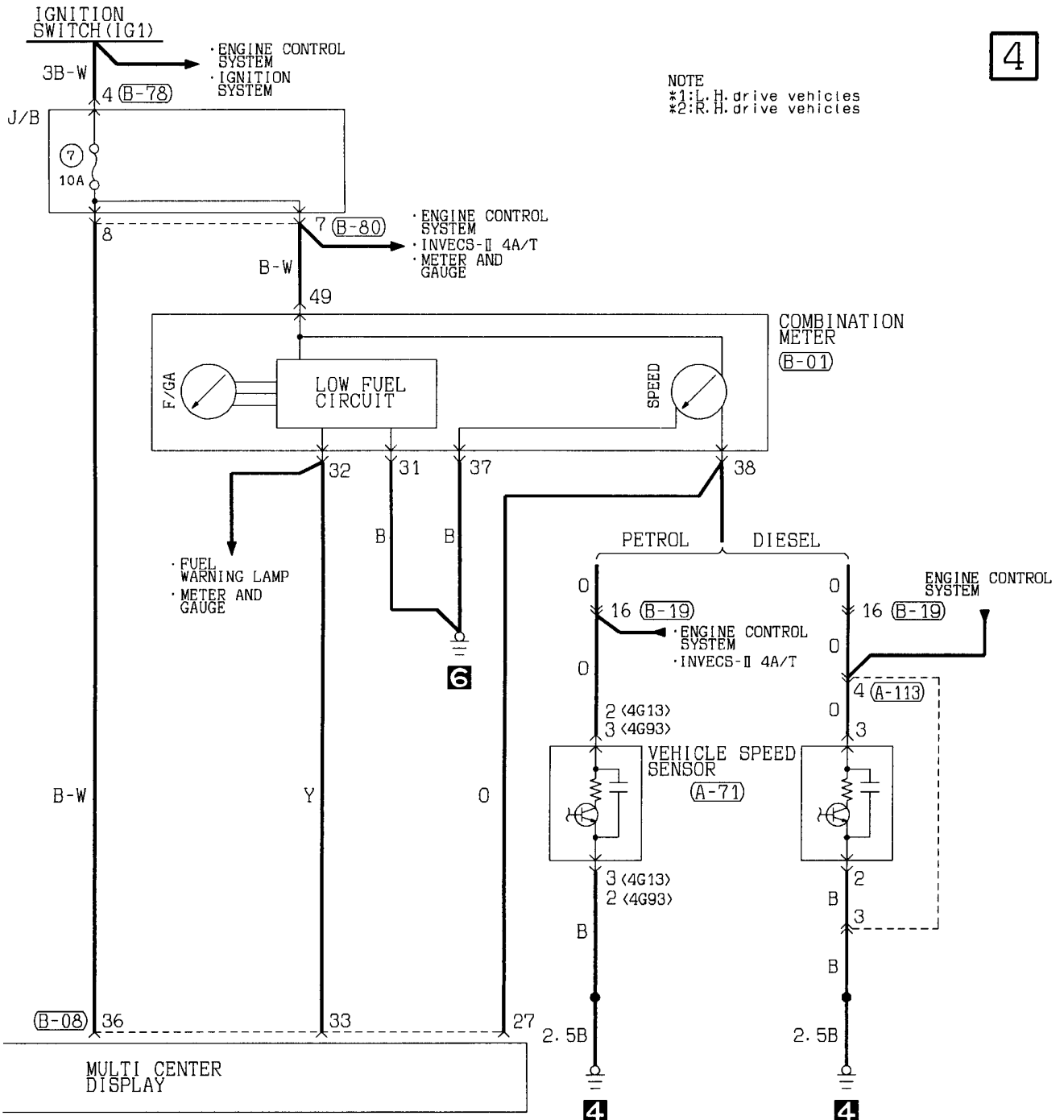
MULTI CENTER DISPLAY <Vehicles without navigation system> (CONTINUED)

3



- (A-71) <4G13> <4G93, F9Q1> (MU802723)
- (A-113)
- (B-01)
- (B-05) MU801453
- (B-08) (MU801584)
- (B-09) (MU801585)
- (B-12) (MU801211)
- (B-80)
- (D-05) MU801451
- (D-17) MU801451
- (E-10) (MU801212)
- (E-12) (MU801212)
- (E-20) (MU801212)
- (E-22) (MU801212)
- (E-23) MU801442
- (E-24) MU801442

4



NOTE
*1:L.H.drive vehicles
*2:R.H.drive vehicles

(B-19)

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

(B-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

(B-38)

11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26

(B-41)

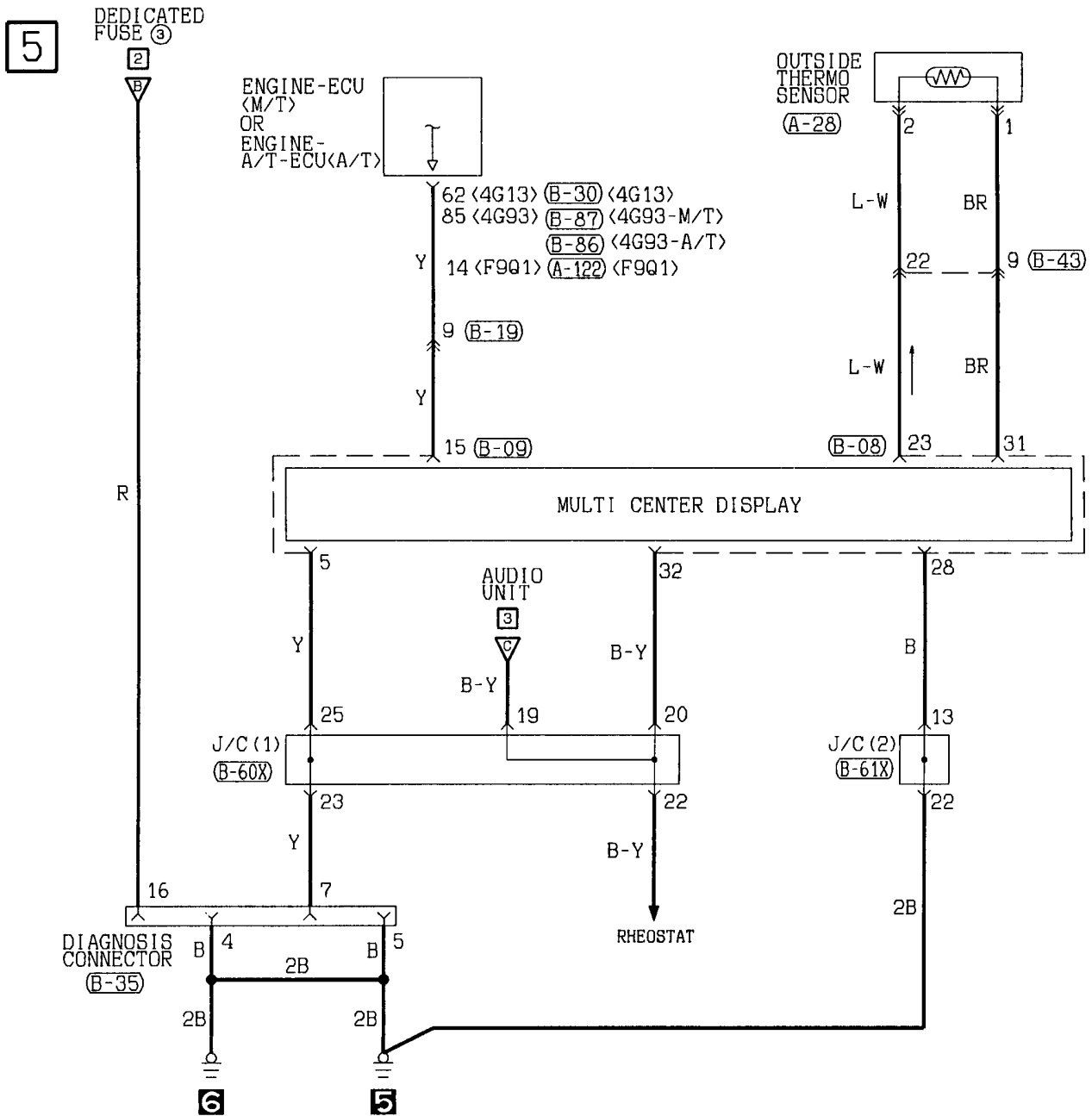
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32				

(B-78)

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

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 <Vehicles without navigation system> (CONTINUED)

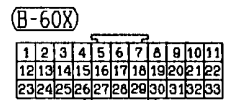
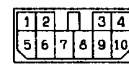
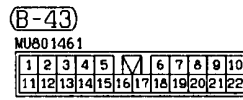
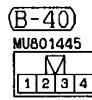
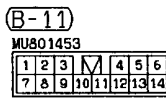
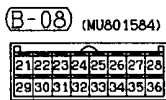
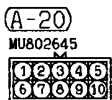
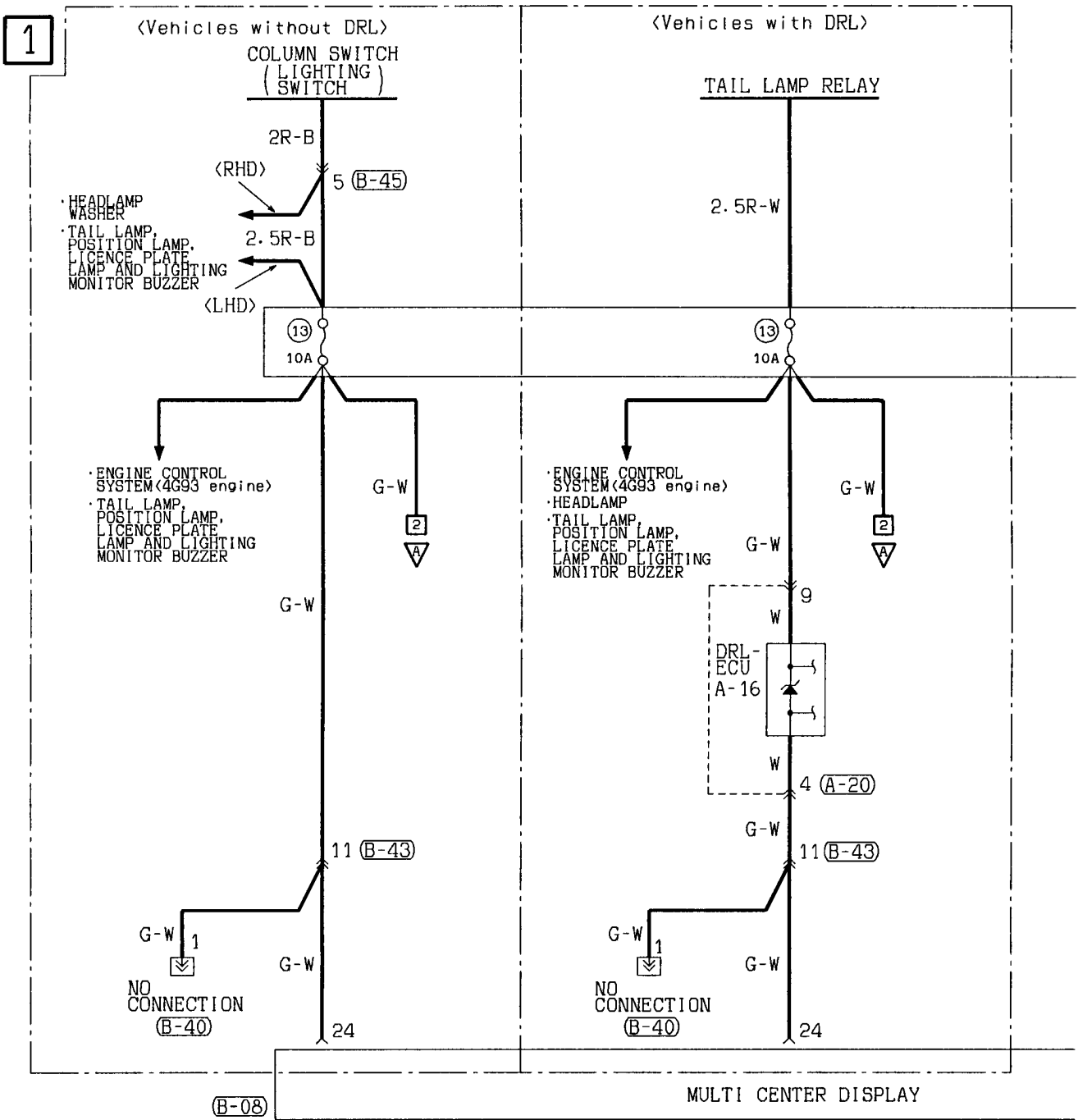


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(B-19) MU801461	(B-30) (MU801820)	(B-35) FRONT SIDE	(B-43) MU801461	(B-60X)																																																																																																												
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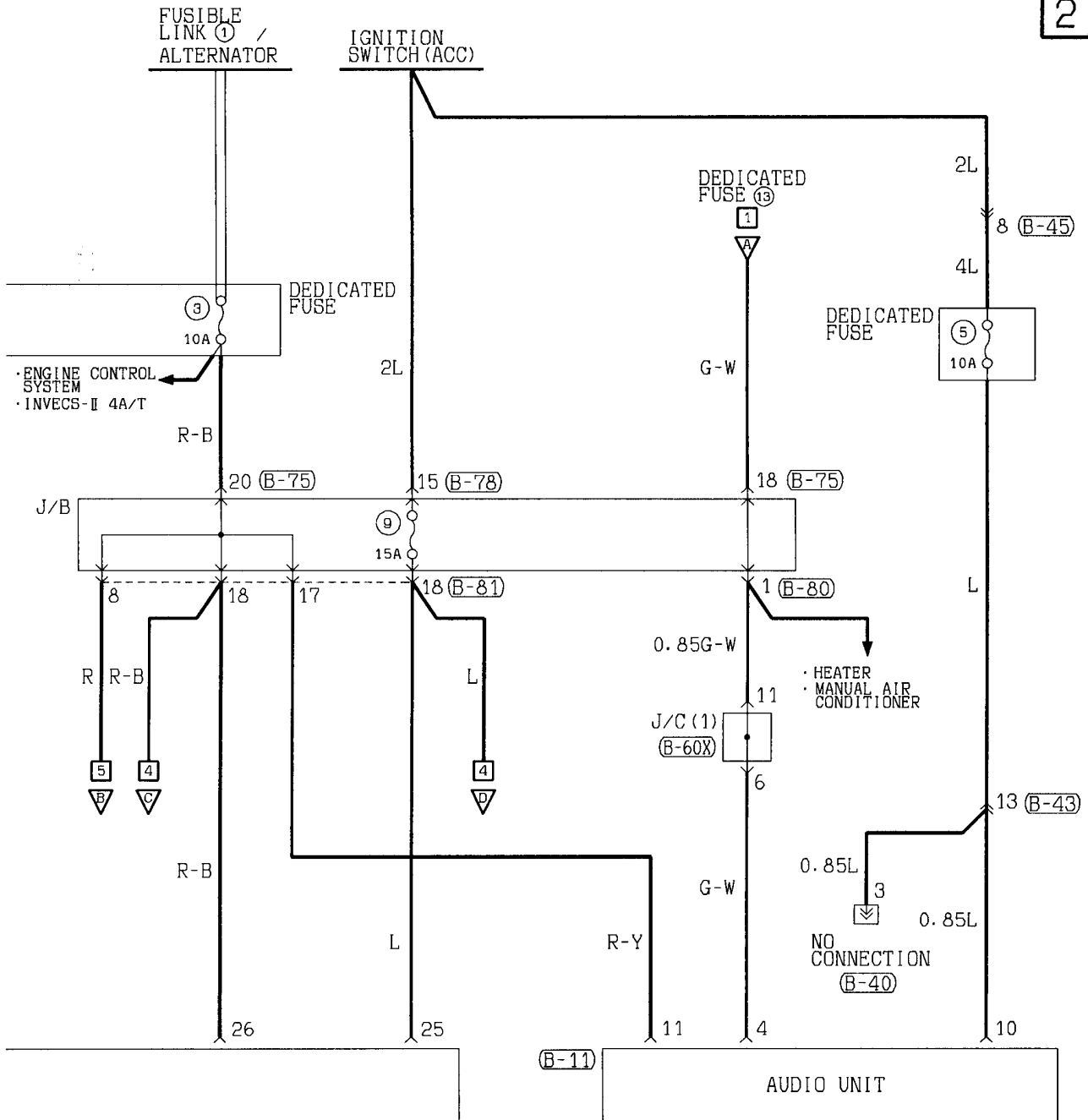
NOTES

MULTI CENTER DISPLAY

Vehicles with navigation system



2



(B-75)

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(B-78)

1	2	3	4	M	5	6	7	8	
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(B-80)

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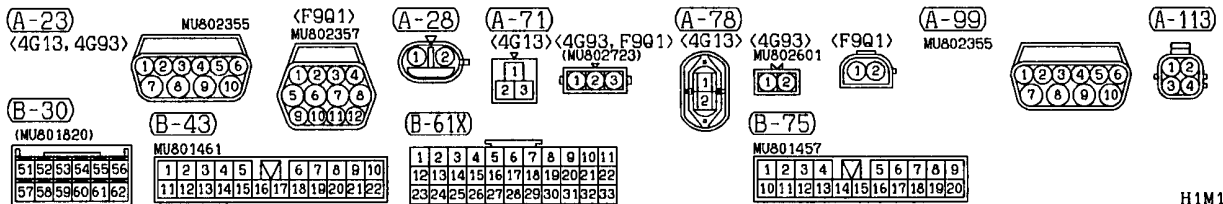
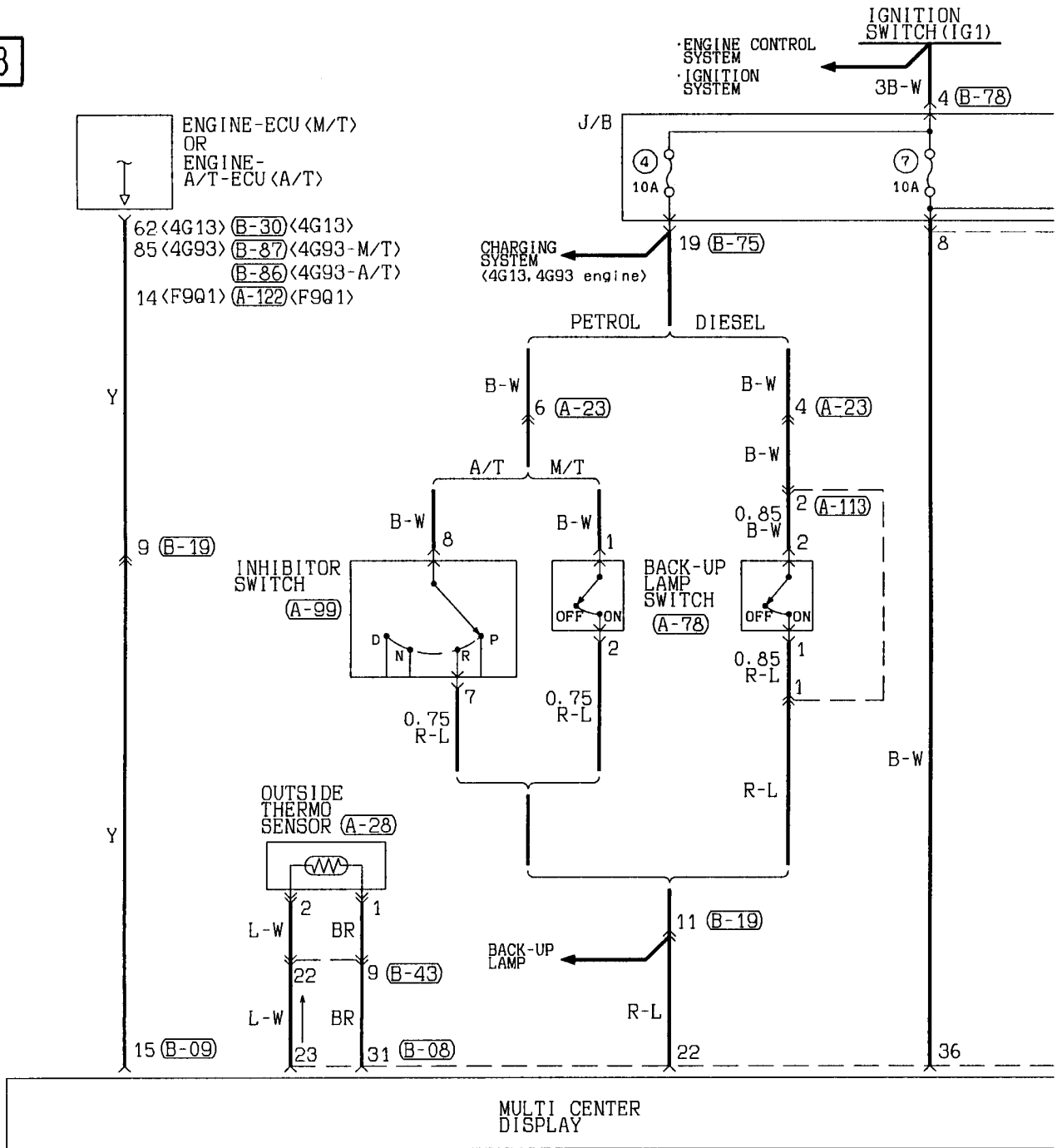
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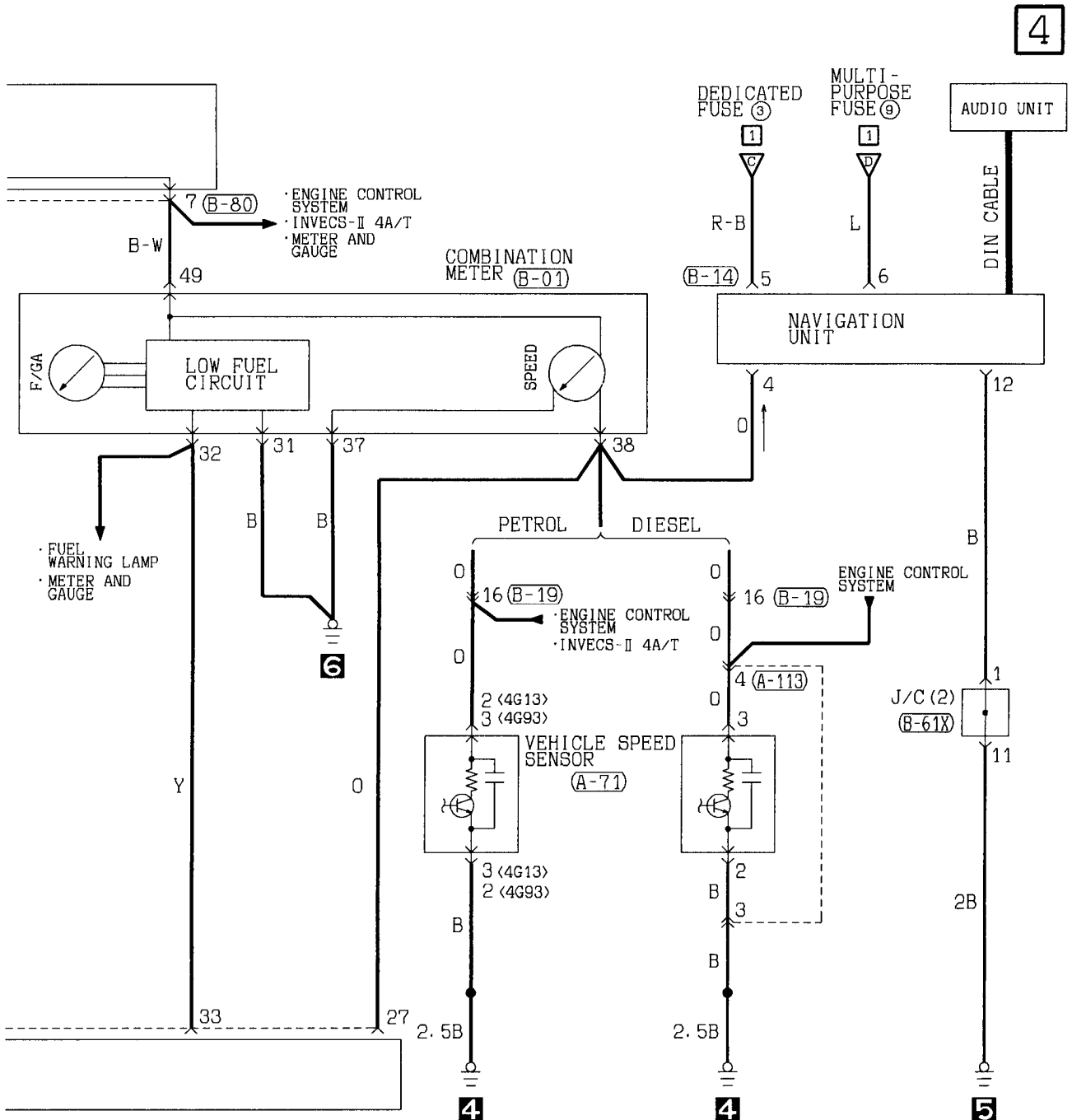
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Wire colour code
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

MULTI CENTER DISPLAY <Vehicles with navigation system> (CONTINUED)

3

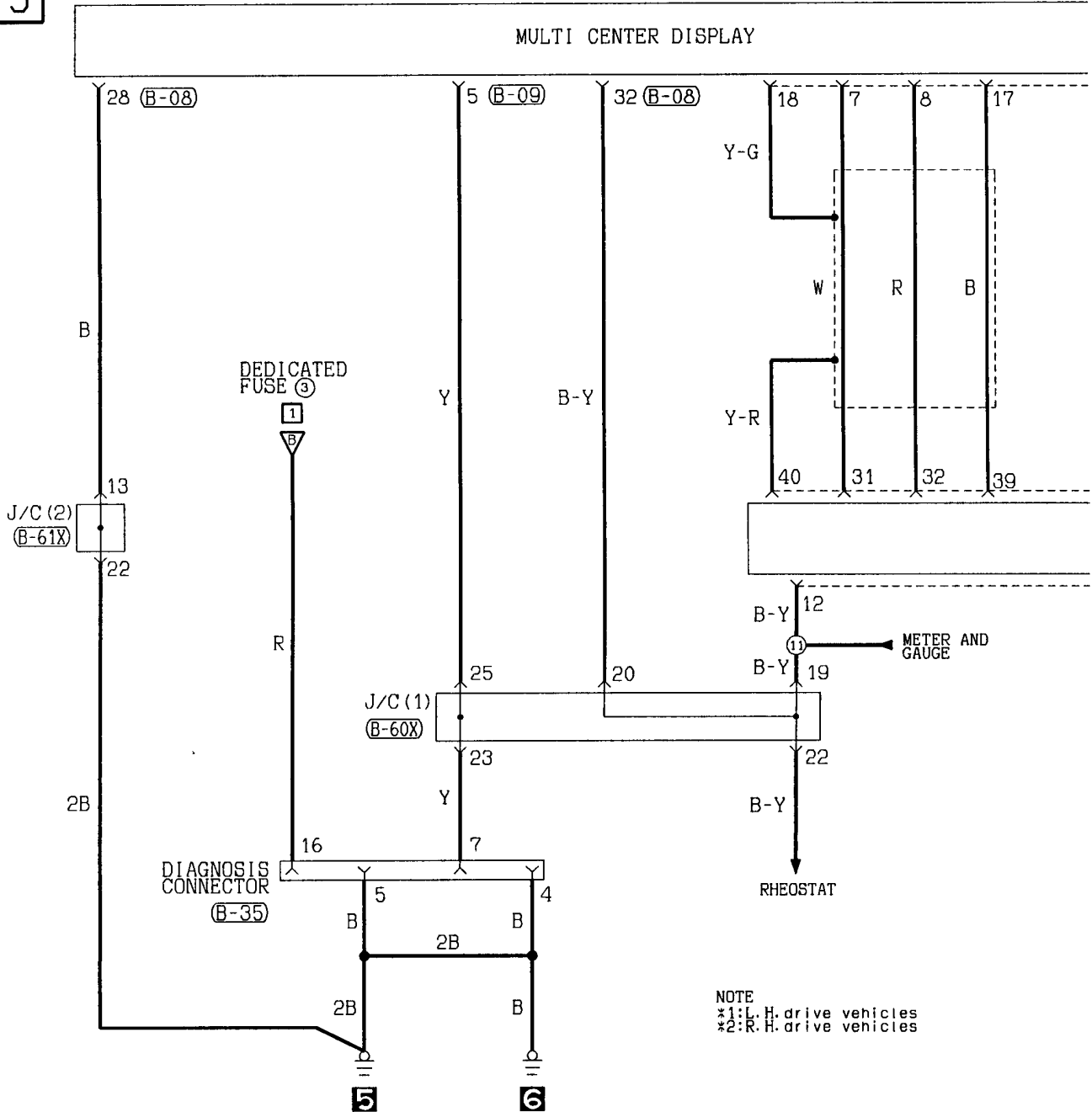




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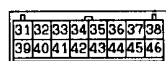
MULTI CENTER DISPLAY <Vehicles with navigation system> (CONTINUED)

5



NOTE
 *1: L. H. drive vehicles
 *2: R. H. drive vehicles

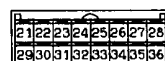
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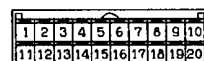
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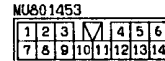
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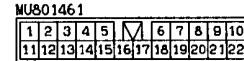
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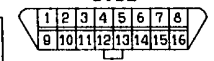
B-11



B-22



B-35 FRONT SIDE



E-22



E-23

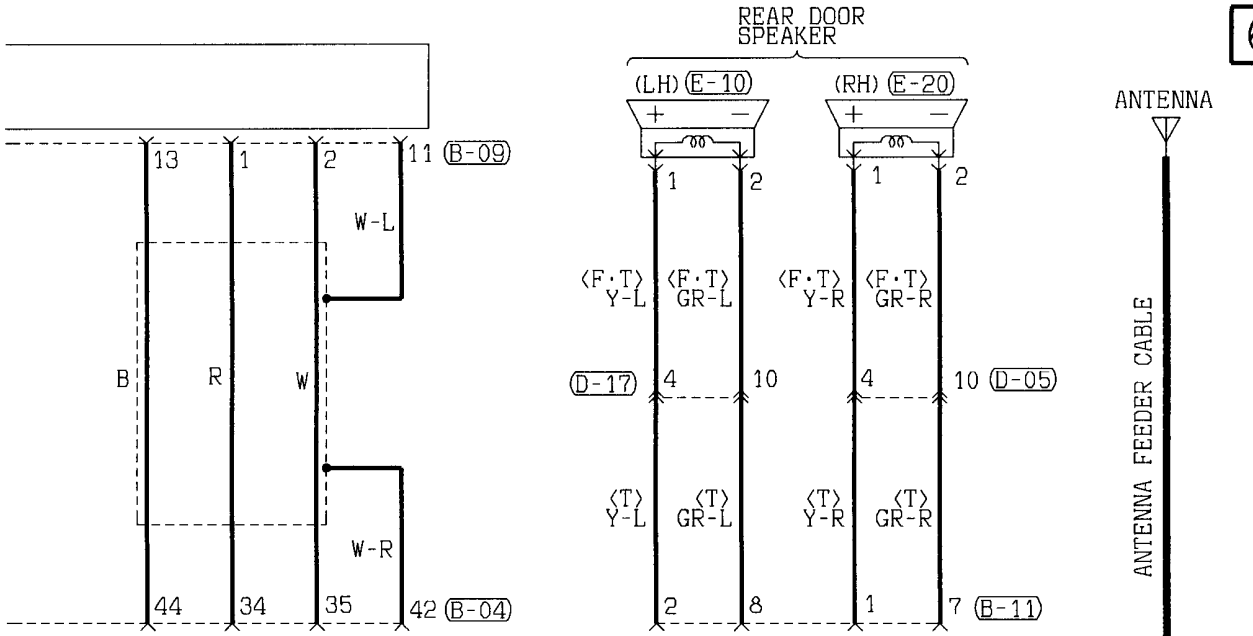


E-24

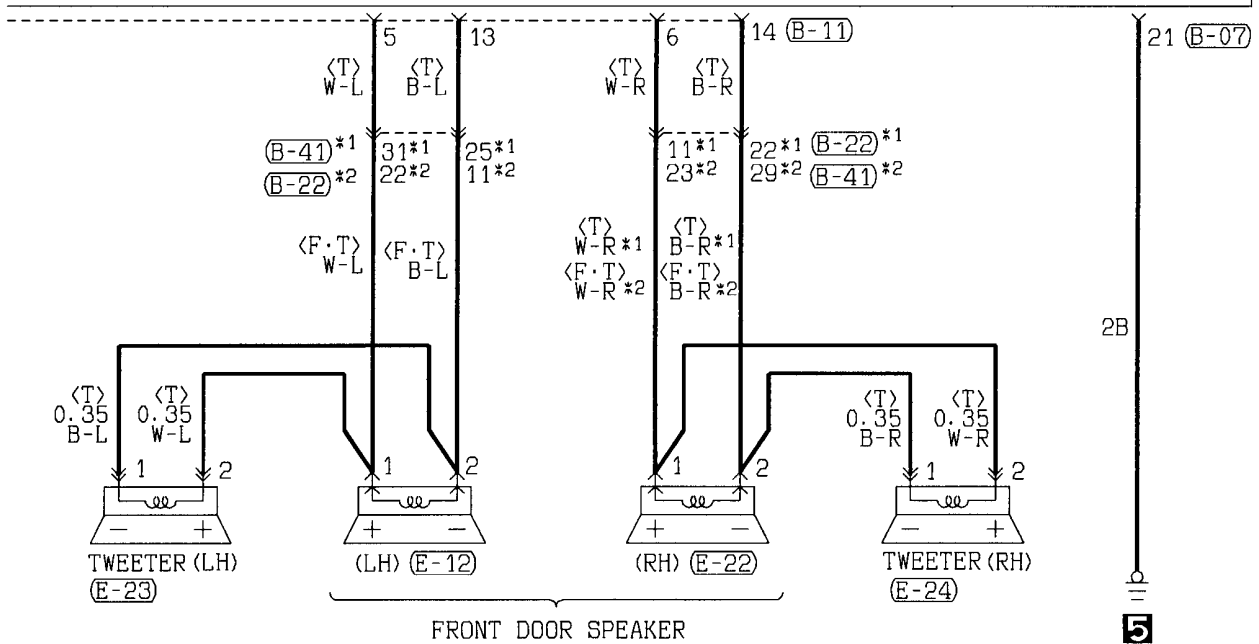


(MU801212) MU801442 MU801442

6



AUDIO UNIT



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(B-60X)

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(B-61X)

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(D-05)

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(D-17)

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9	10		

(E-10)

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2

(E-12)

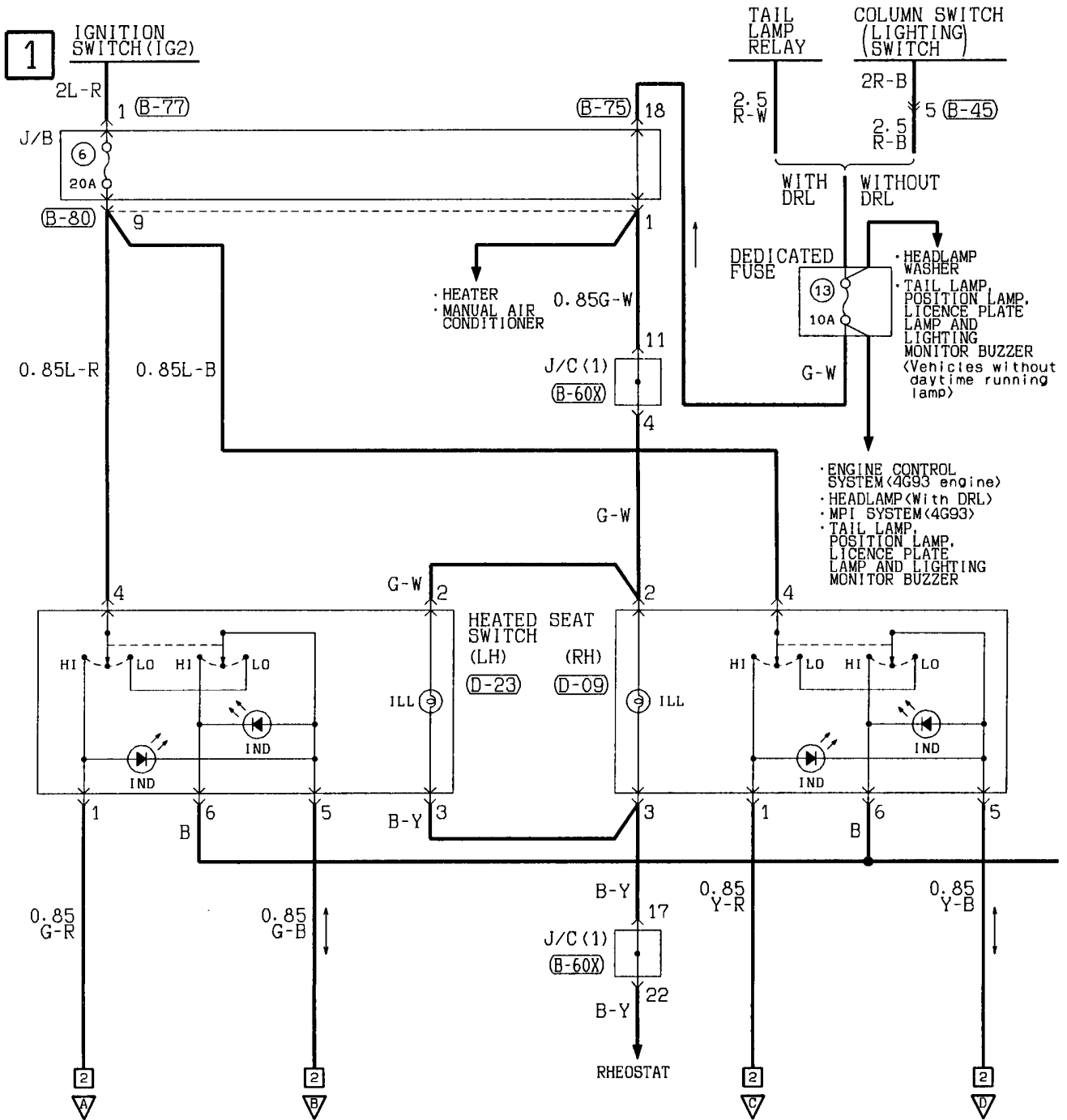
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(E-20)

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Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

HEATED SEAT



(B-45)
MU801335

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(B-60X)

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(B-61X)

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(B-75)
MU801457

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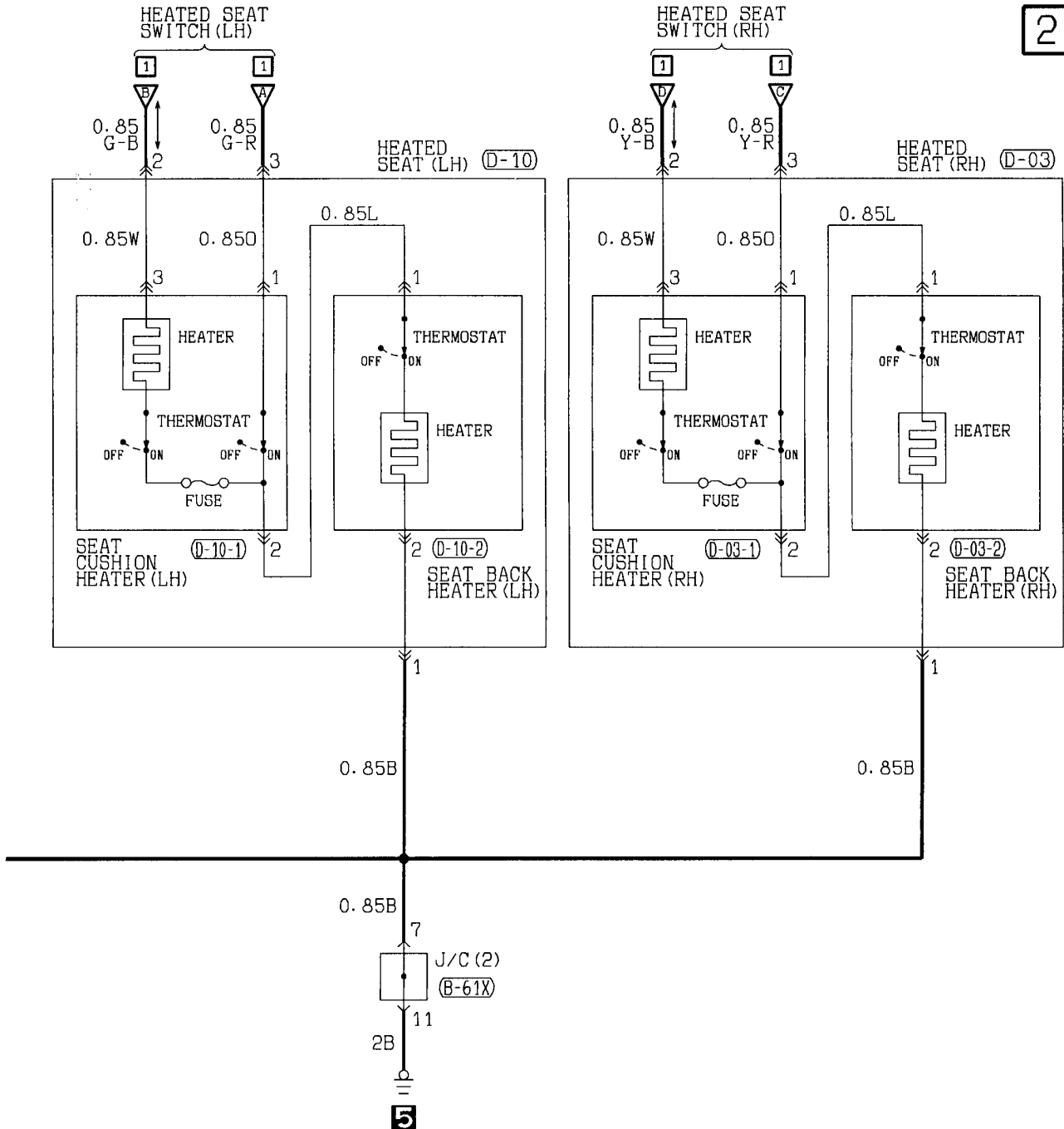
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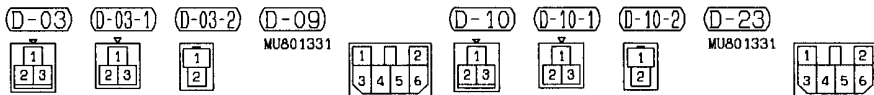
(B-80)

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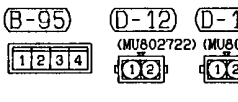
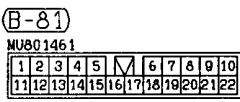
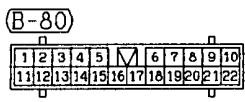
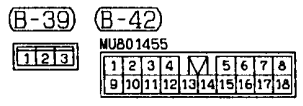
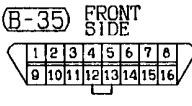
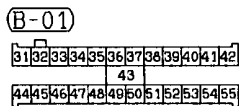
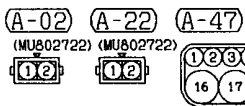
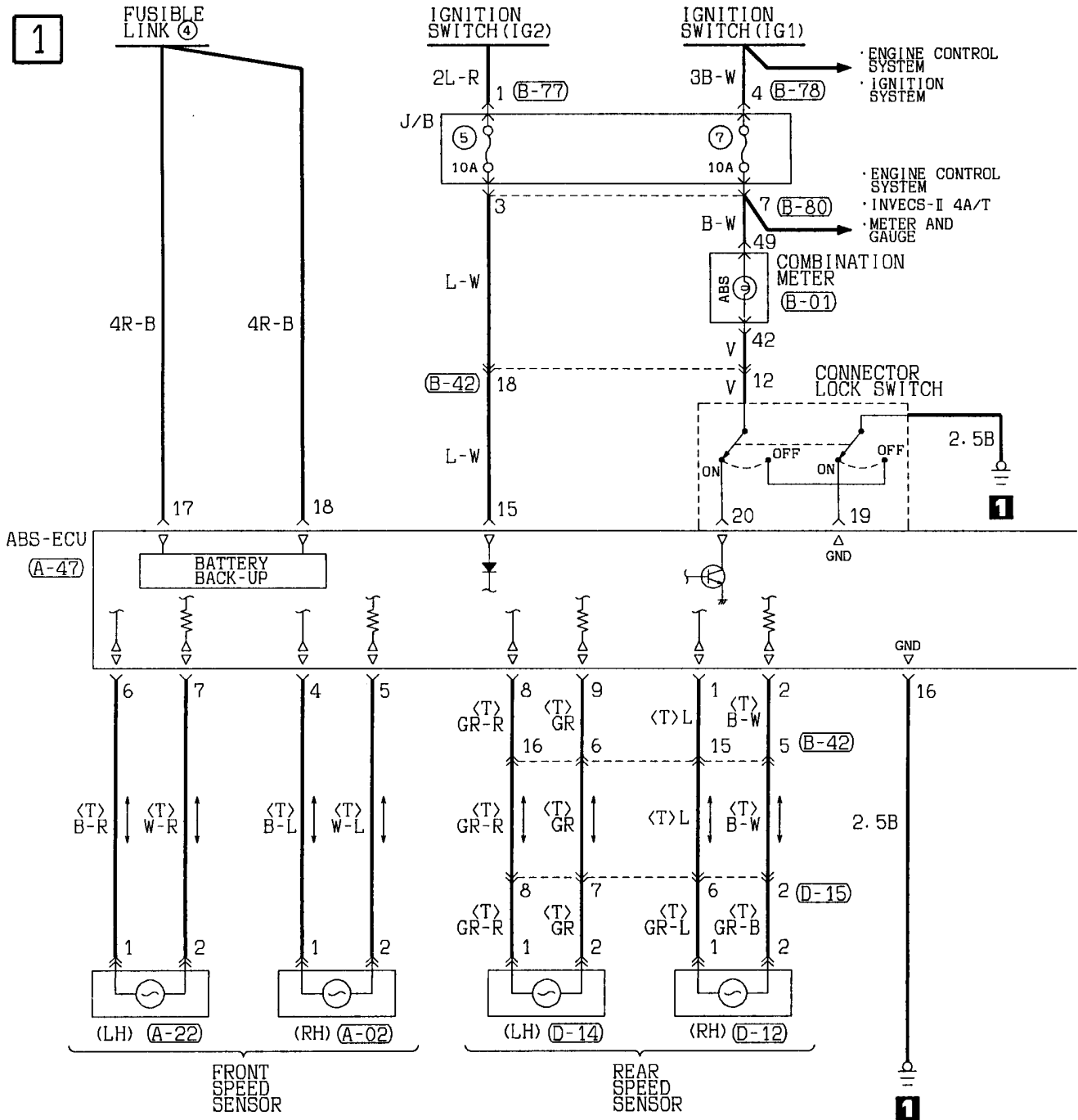


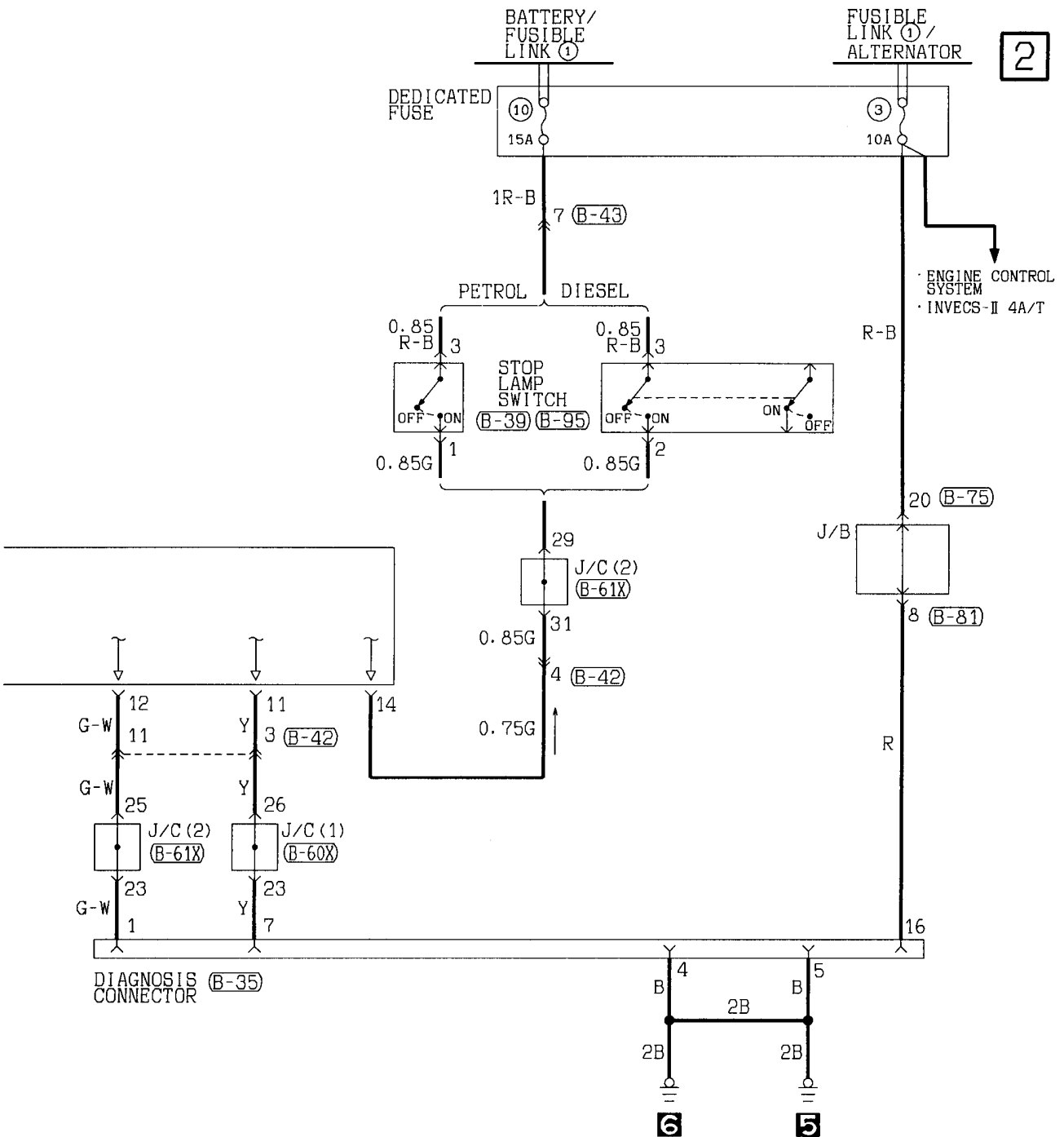
5



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

EBD AND ABS





(B-43)

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

(B-60X)

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-61X)

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-75)

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

(B-77)

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

(B-78)

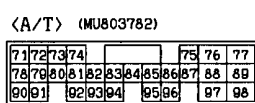
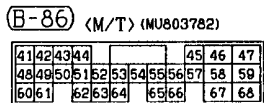
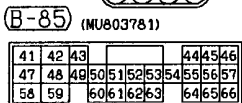
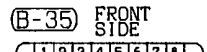
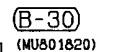
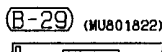
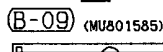
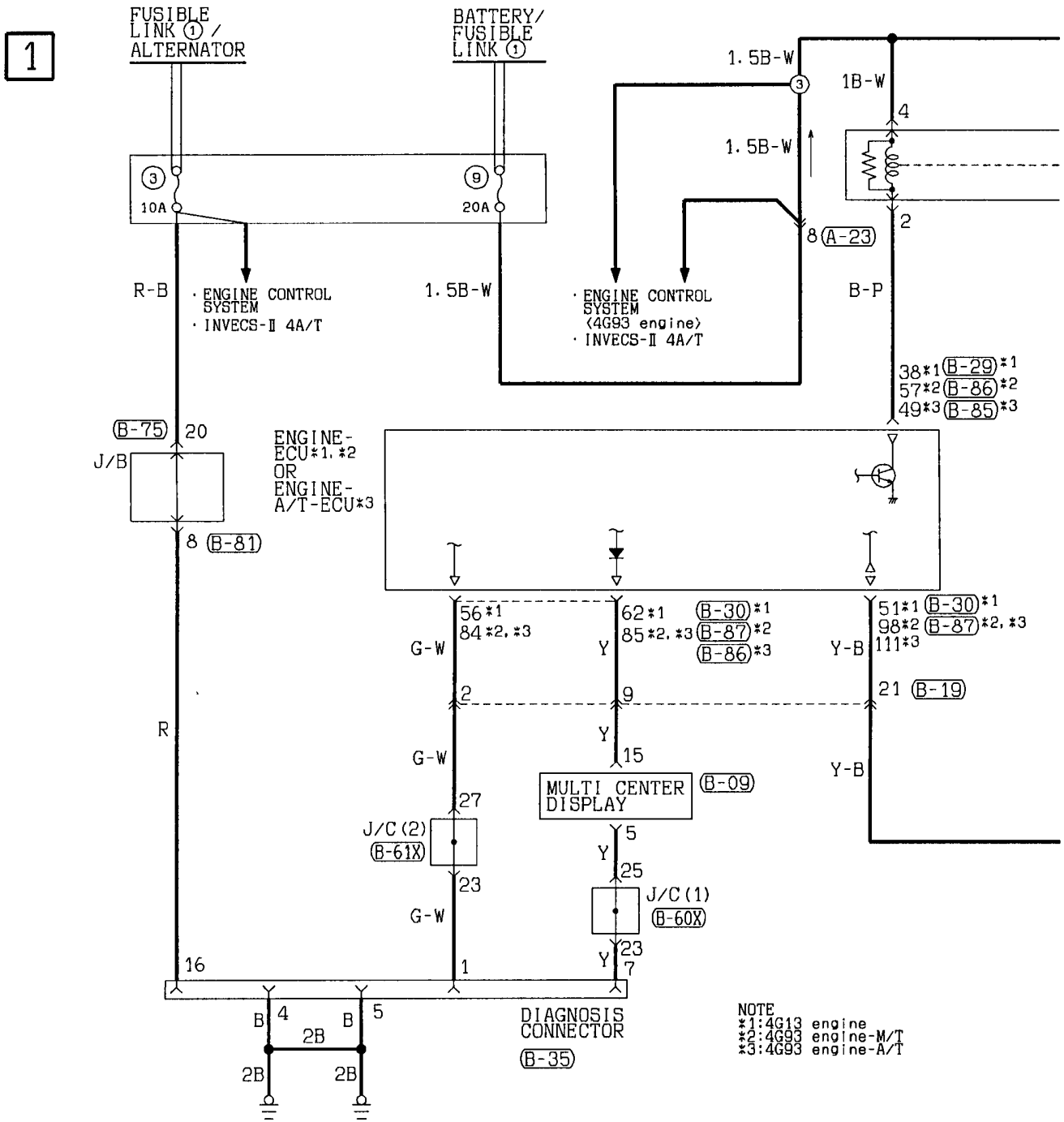
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18						

Wire colour code

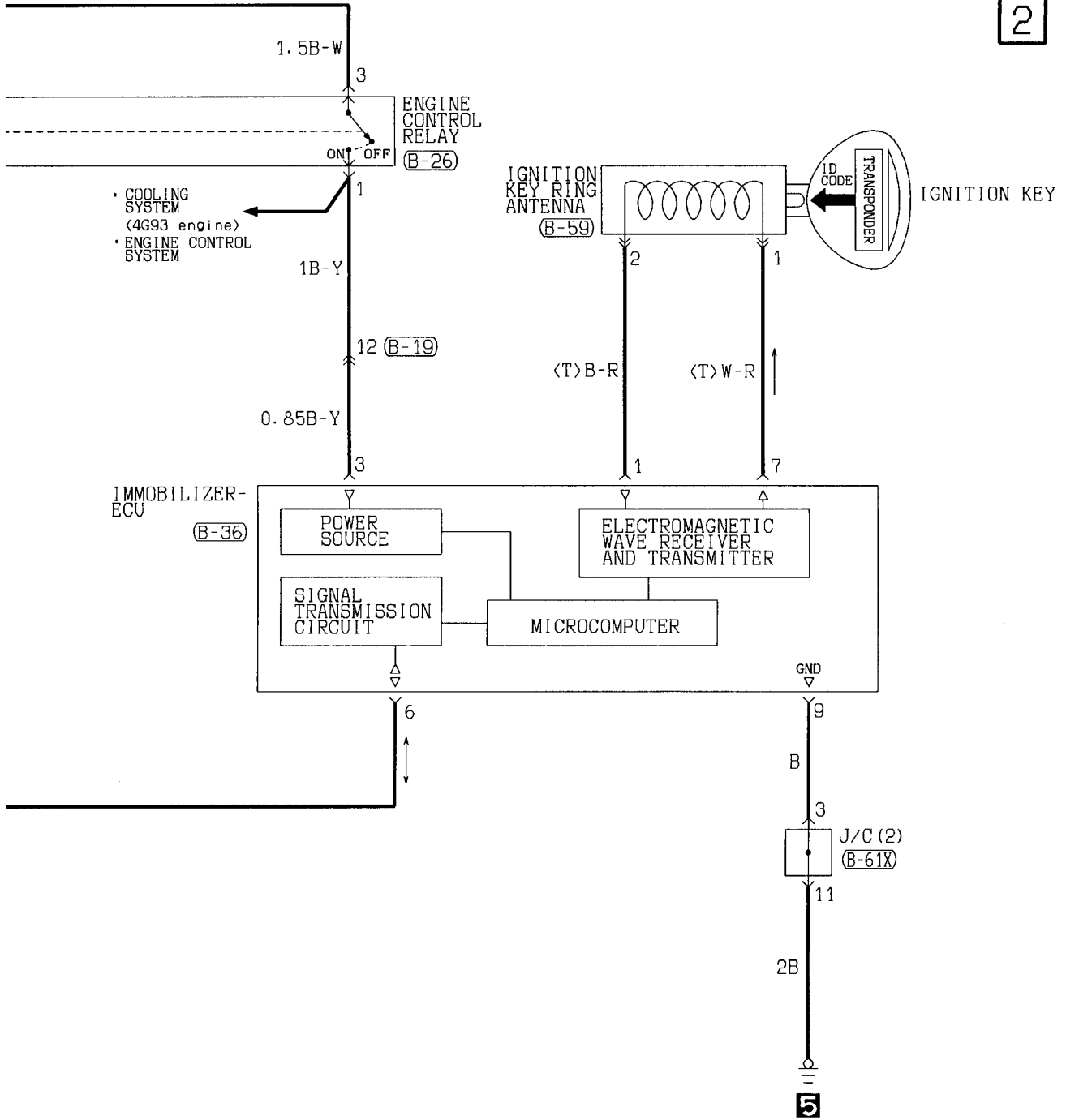
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

IMMOBILIZER SYSTEM

Petrol-powered vehicles



2



(B-36)

(MU801583)

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

(B-59)

MU801541

1	2
---	---

(B-60X)

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-61X)

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-75)

MU801457

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

(B-81)

MU801461

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

(B-87) (M/T) (MU803783)

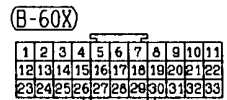
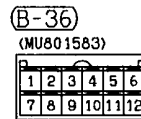
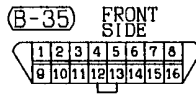
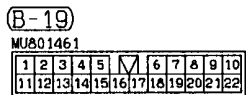
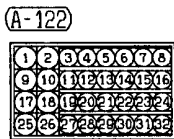
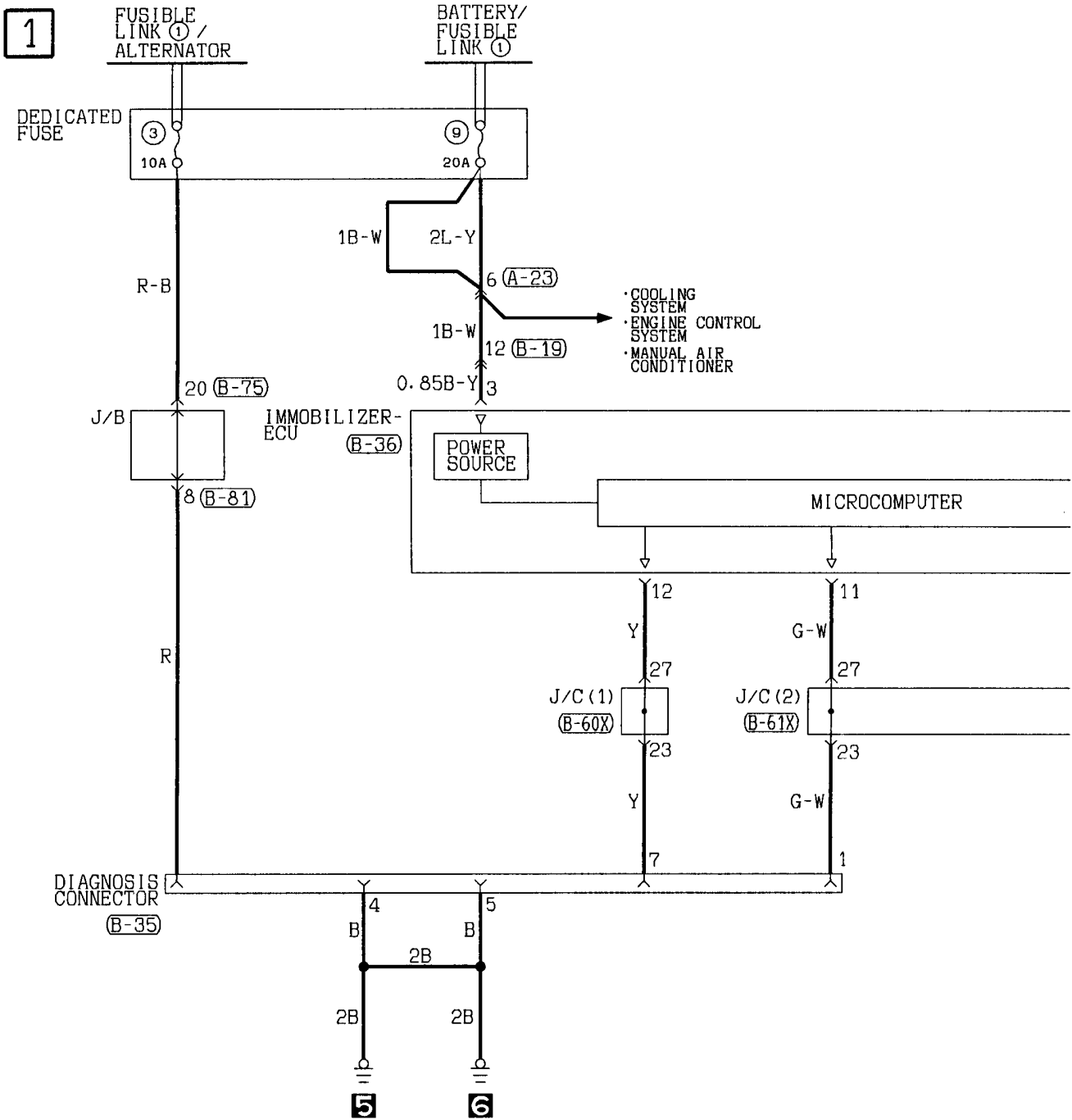
71	72	73	74	75	76	77						
78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100			

(A/T) (MU803783)

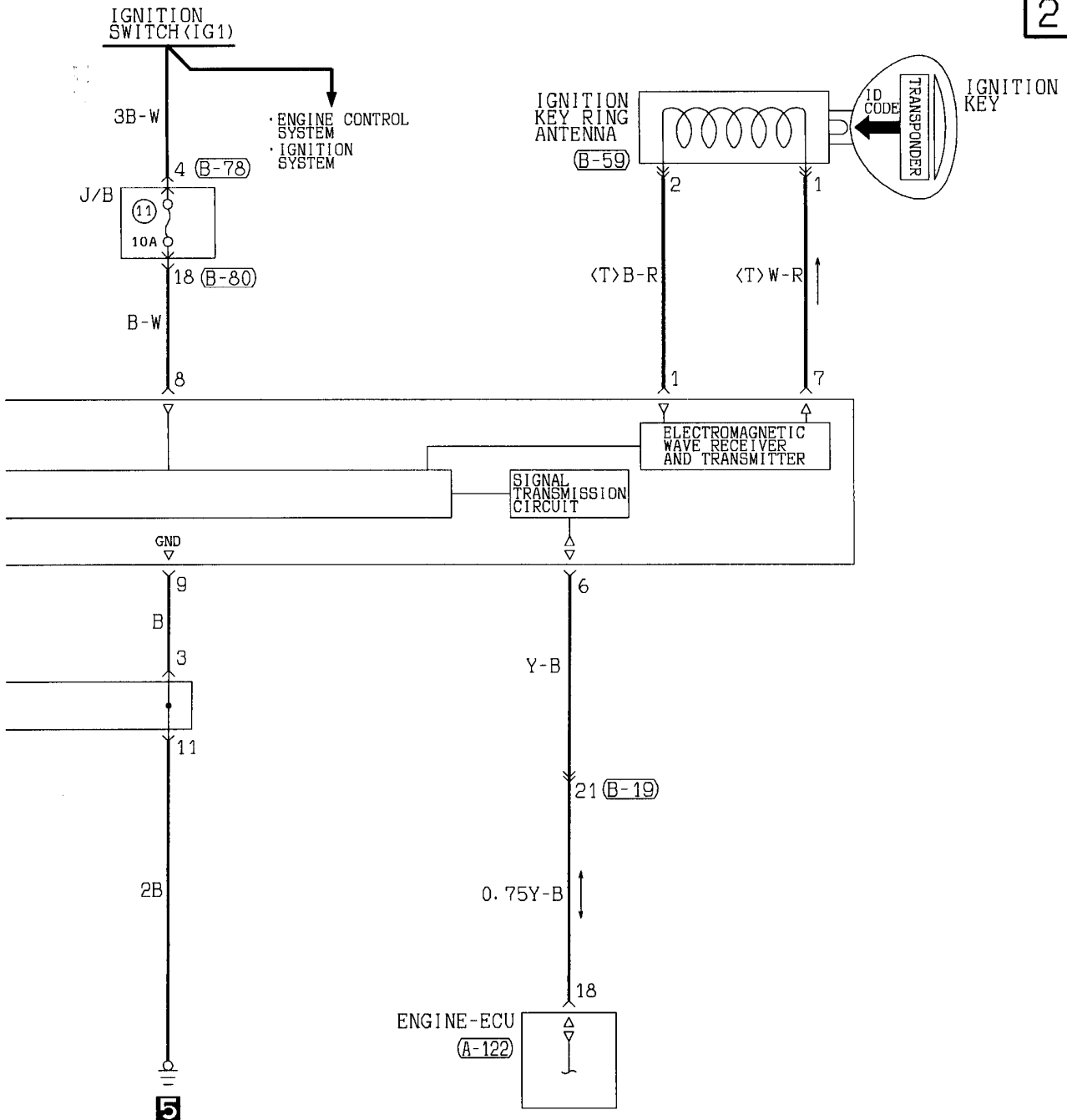
101	102	103	104	105	106	107						
108	109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130			

IMMOBILIZER SYSTEM

Diesel-powered vehicles



2



(B-61X)

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-75)

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

(B-78)

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

(B-80)

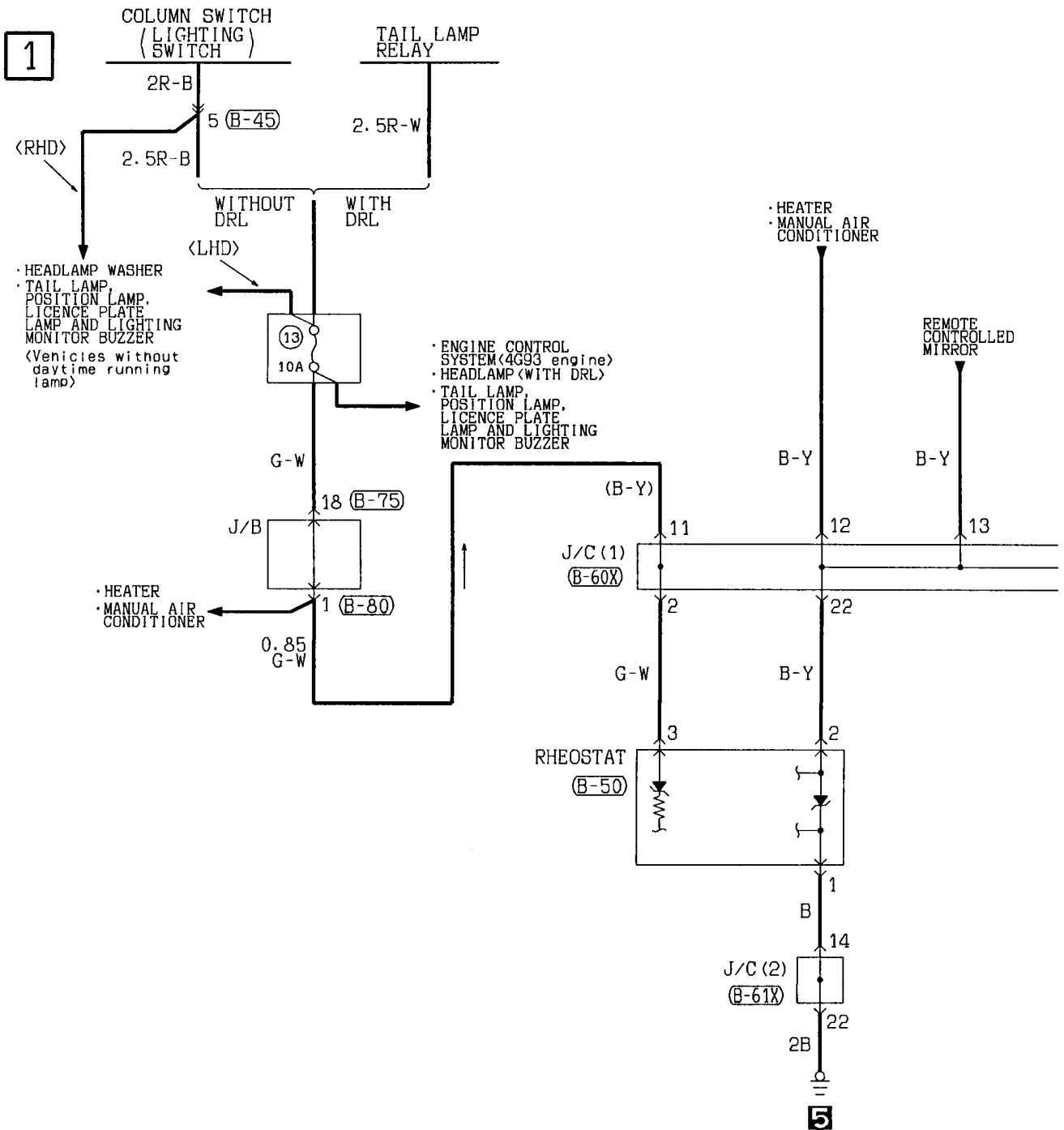
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

(B-81)

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

RHEOSTAT



(B-45)
MU801335

1	2	3	4
5	6	7	8
9	10		

(B-50)
MU801443

1	2	3

(B-60X)

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-61X)

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

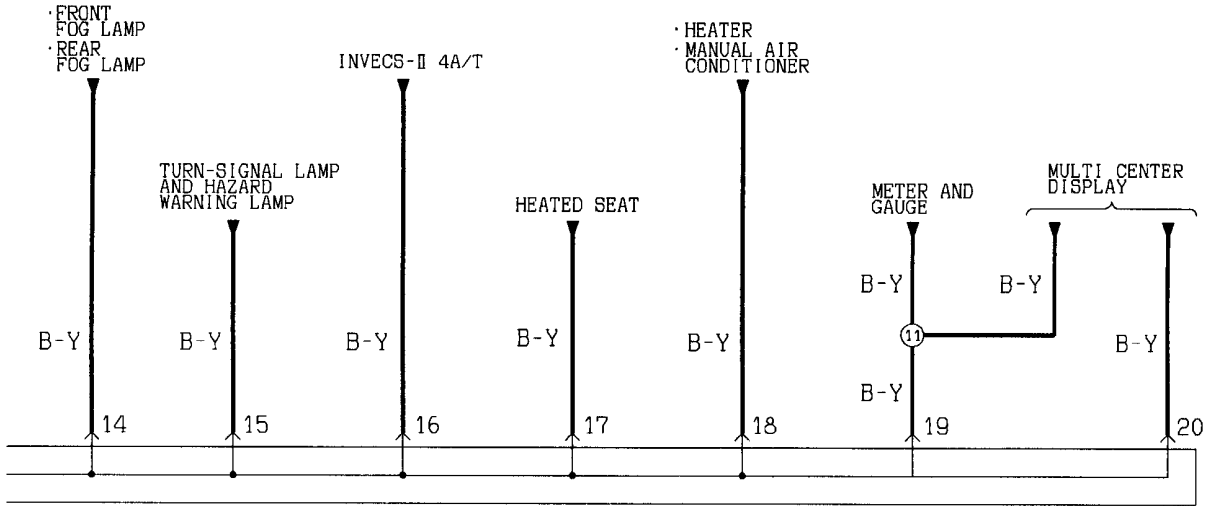
(B-75)
MU801457

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

(B-80)

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

2

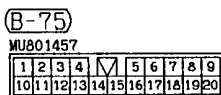
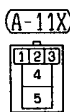
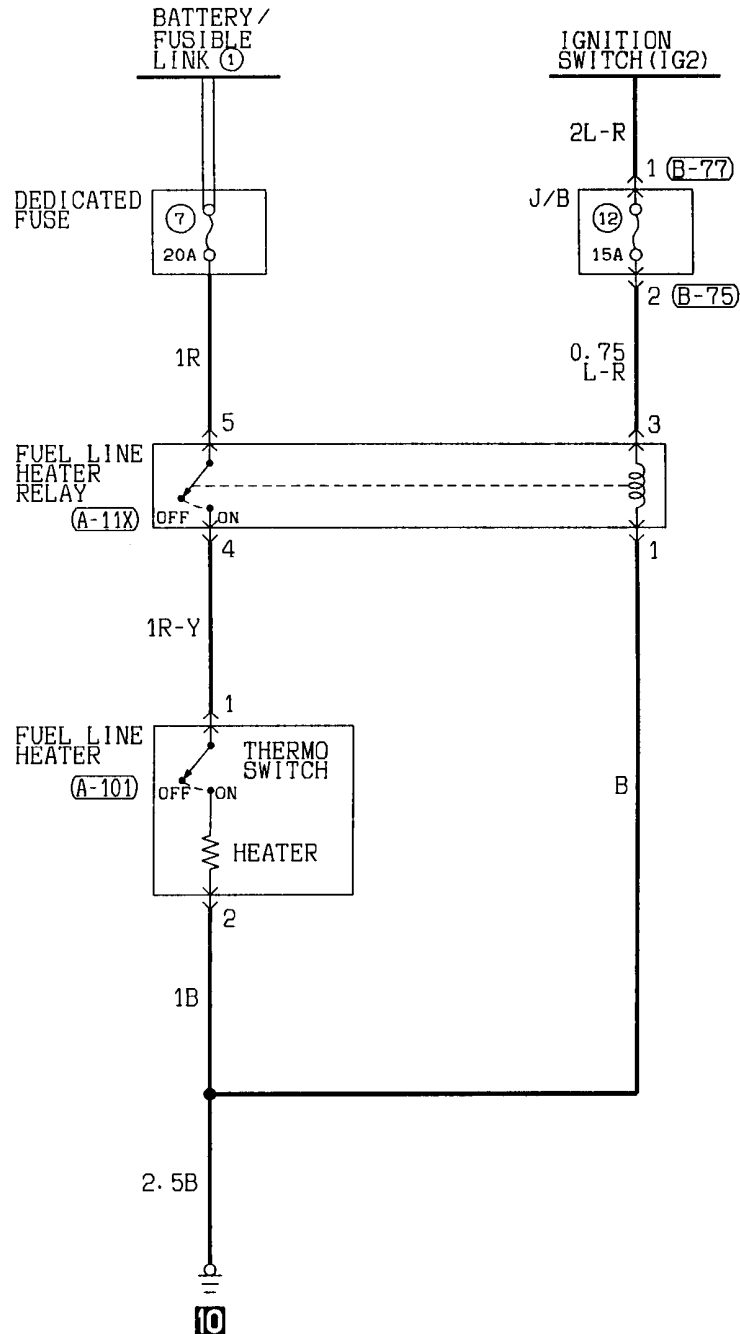


Wire colour code

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

FUEL LINE HEATER

1



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