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# CIRCUIT DIAGRAMS

## CONTENTS

### ENGINE CONTROL SYSTEM

4G94-GDI ..... 3-2

### ELC-4A/T

L.H. drive vehicles ..... 3-14

R.H. drive vehicles ..... 3-22

**HORN ..... 3-29**

### POWER WINDOWS

L.H. drive vehicles  
<3-door models and 5-door models with power  
windows (front door only)> ..... 3-30

R.H. drive vehicles  
<3-door models and 5-door models with power  
windows (front door only)> ..... 3-33

L.H. drive vehicles <5-door models> ..... 3-36

R.H. drive vehicles <5-door models> ..... 3-40

### SRS

L.H. drive vehicles ..... 3-44

R.H. drive vehicles ..... 3-48

### SUNROOF

L.H. drive vehicles ..... 3-52

R.H. drive vehicles ..... 3-53

### SUPER SELECT 4WD-i SYSTEM

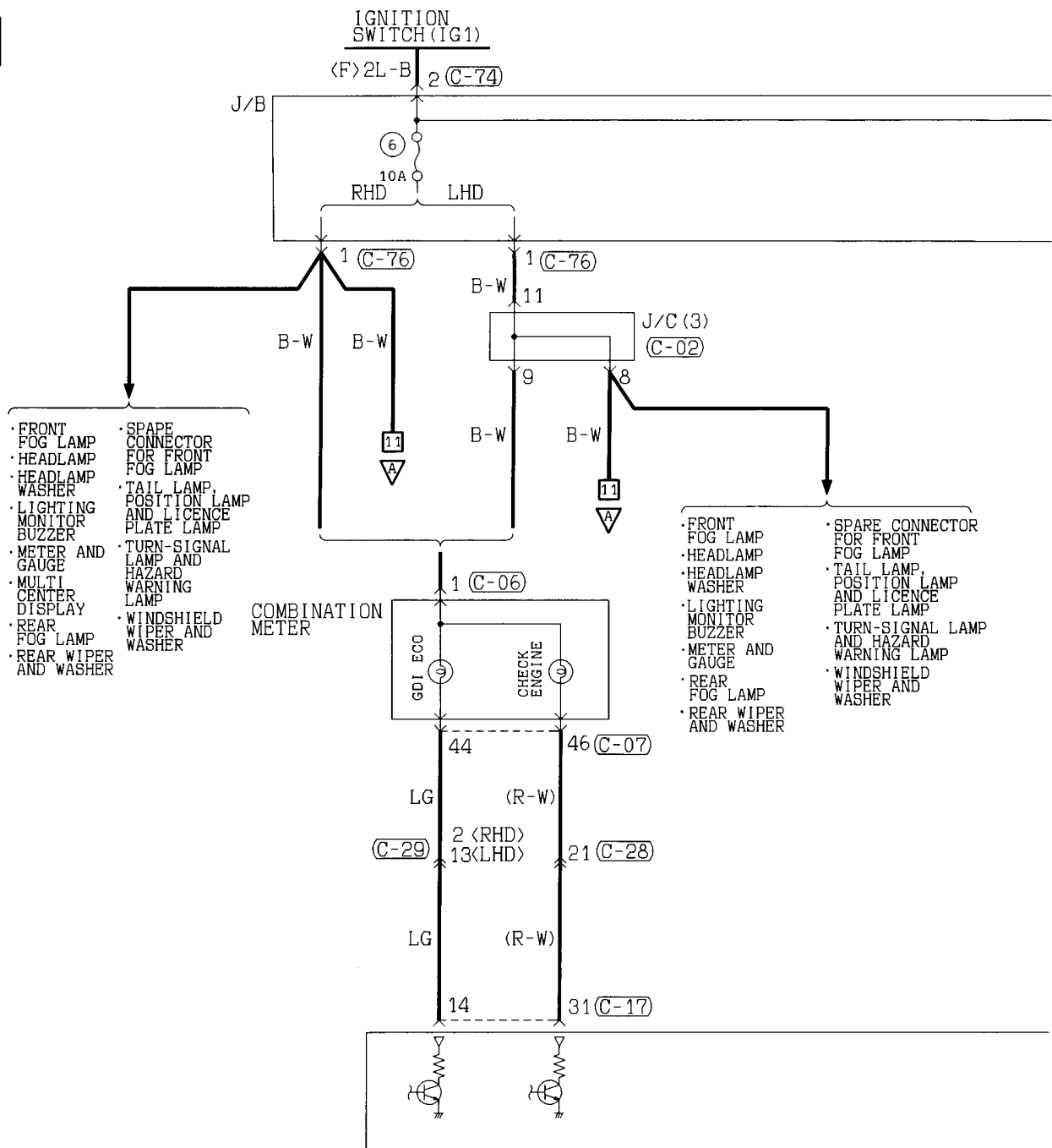
R.H. drive vehicles ..... 3-54

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## ENGINE CONTROL SYSTEM

4G94-GDI

1



A-41X

C-02

C-06

C-07

C-17 (MU803784)

C-72

(MU801866)

C-74

MU801331

C-76

(MU801860)

D-12

MU802753

D-17

(MU802058)

2

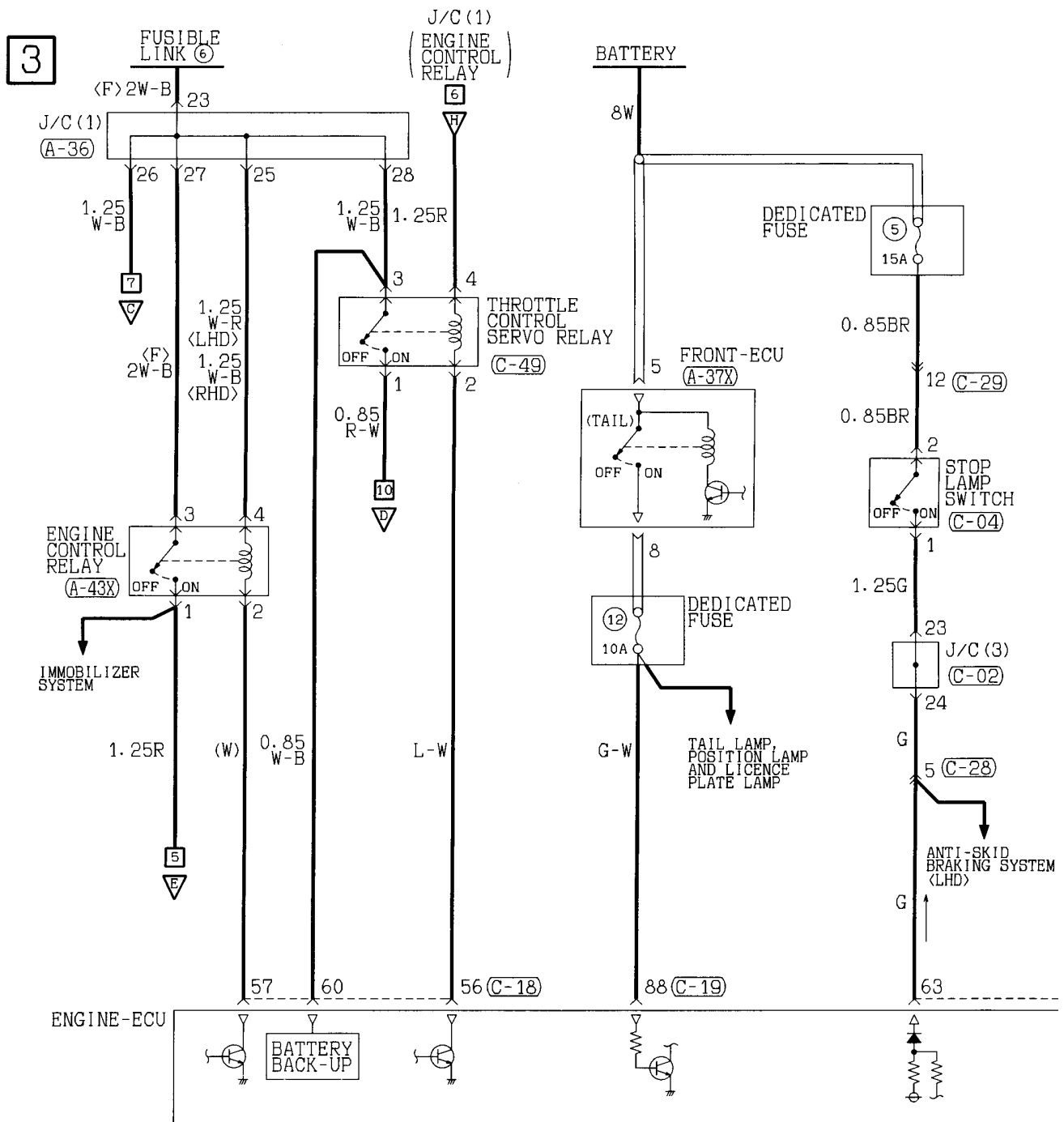


(C-29) MU801855

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

H3K05E00AB

## ENGINE CONTROL SYSTEM &lt;4G94-GDI&gt; (CONTINUED)



(A-36)

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

(A-37X)

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

(A-43X)

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

(A-83)

1	2
---	---

(A-86)

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

(B-01)

1
---

(C-24)

MU801867

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

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

(C-27)

MU801331

1	2
3	4
5	6

(C-28)

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

(C-29)

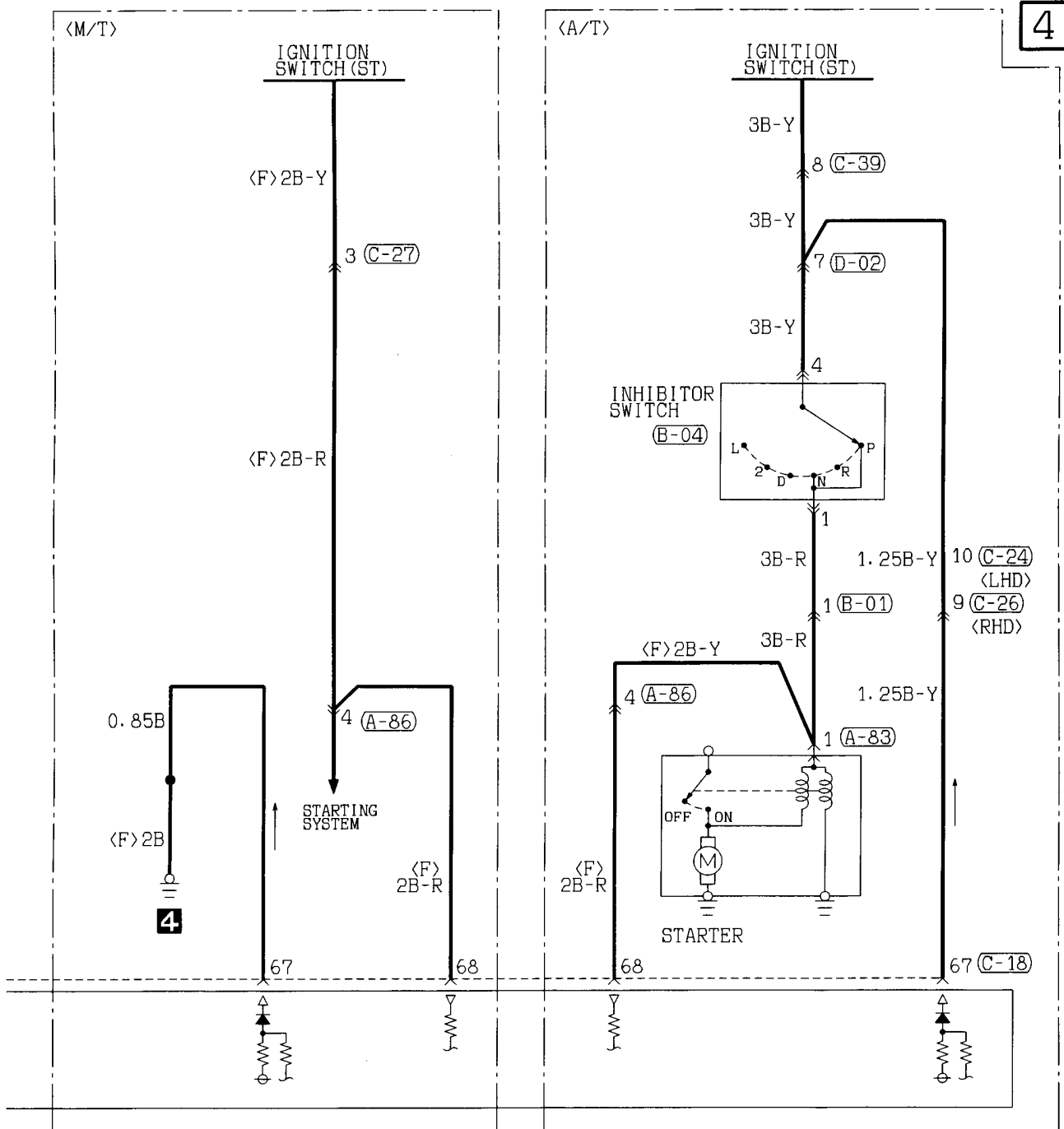
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

(C-39)

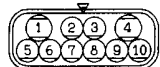
MU801867

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

H3K05E00BA



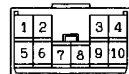
(B-04) MU802747



(C-49) MU801867



(C-02)

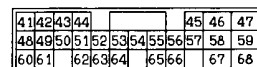


(C-04)

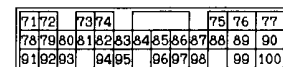
MU801491



(C-18) (MU803782)



(C-19) (MU803783)



Wire colour code

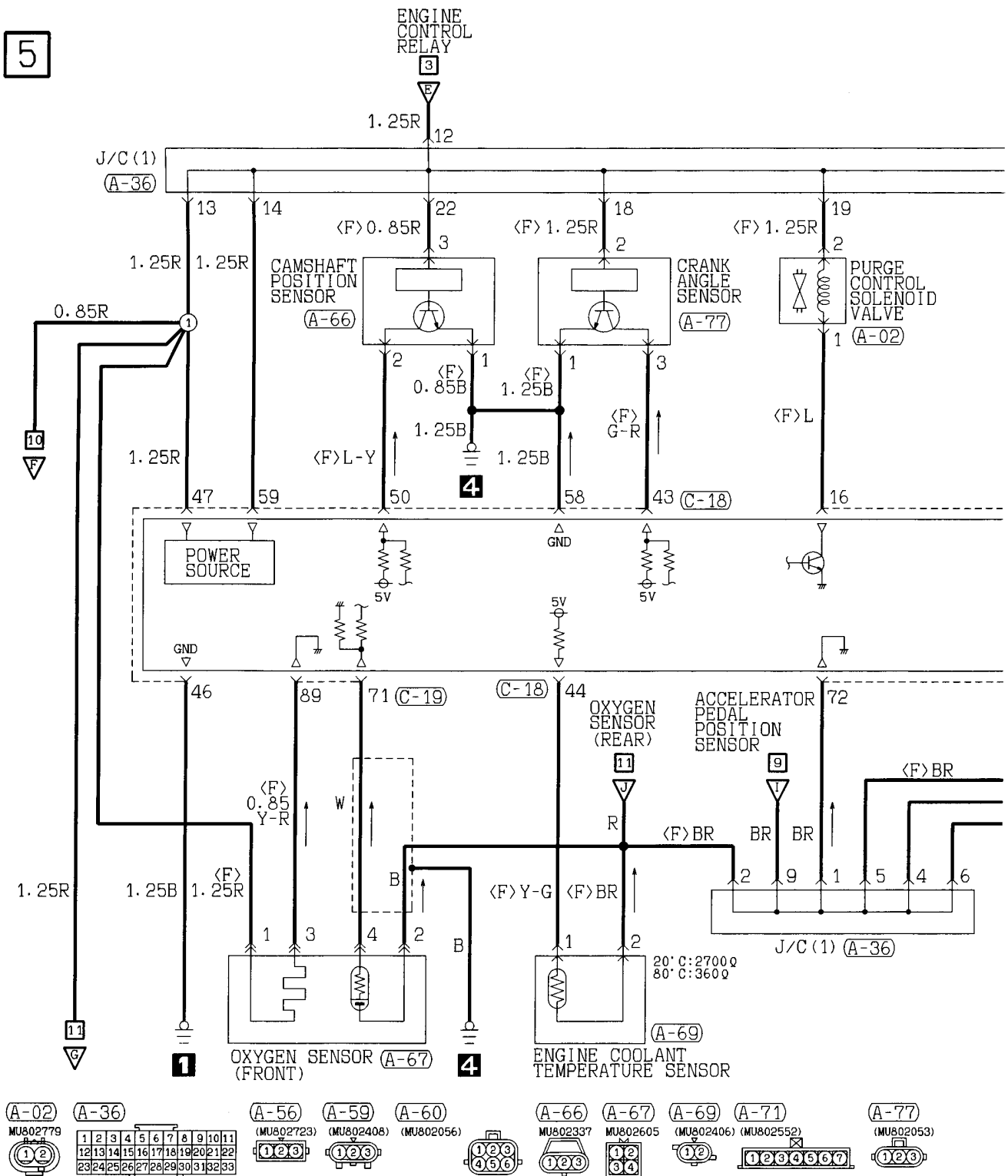
B : Black  
 BR : Brown  
 W : White  
 V : Violet

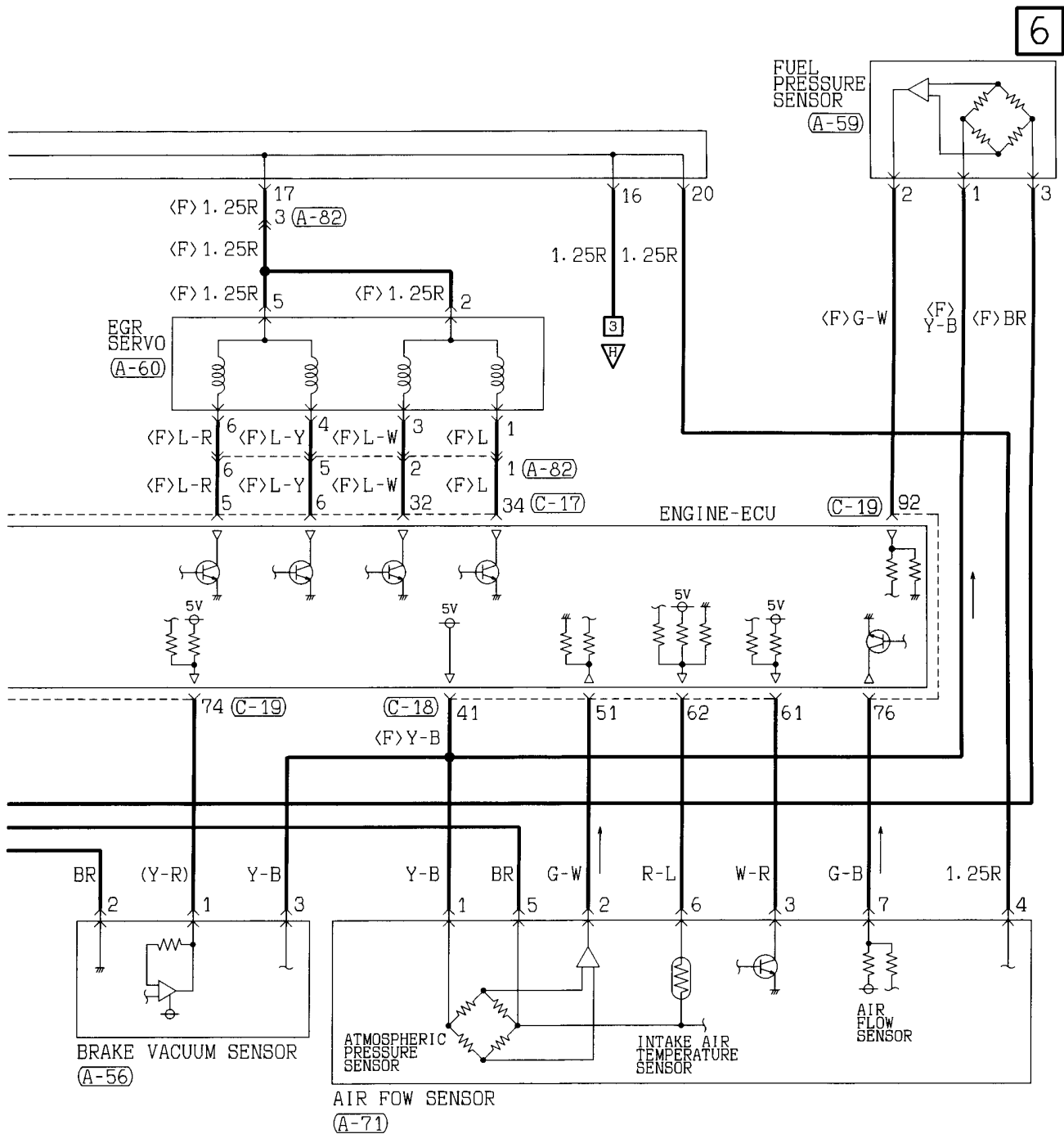
LG : Light green  
 O : Orange  
 SB : Sky blue

G : Green  
 GR : Gray  
 P : Pink

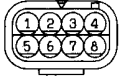
L : Blue  
 R : Red  
 Y : Yellow

## ENGINE CONTROL SYSTEM &lt;4G94-GDI&gt; (CONTINUED)





(A-82)  
MU802749



(C-17) (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					

(C-18) (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

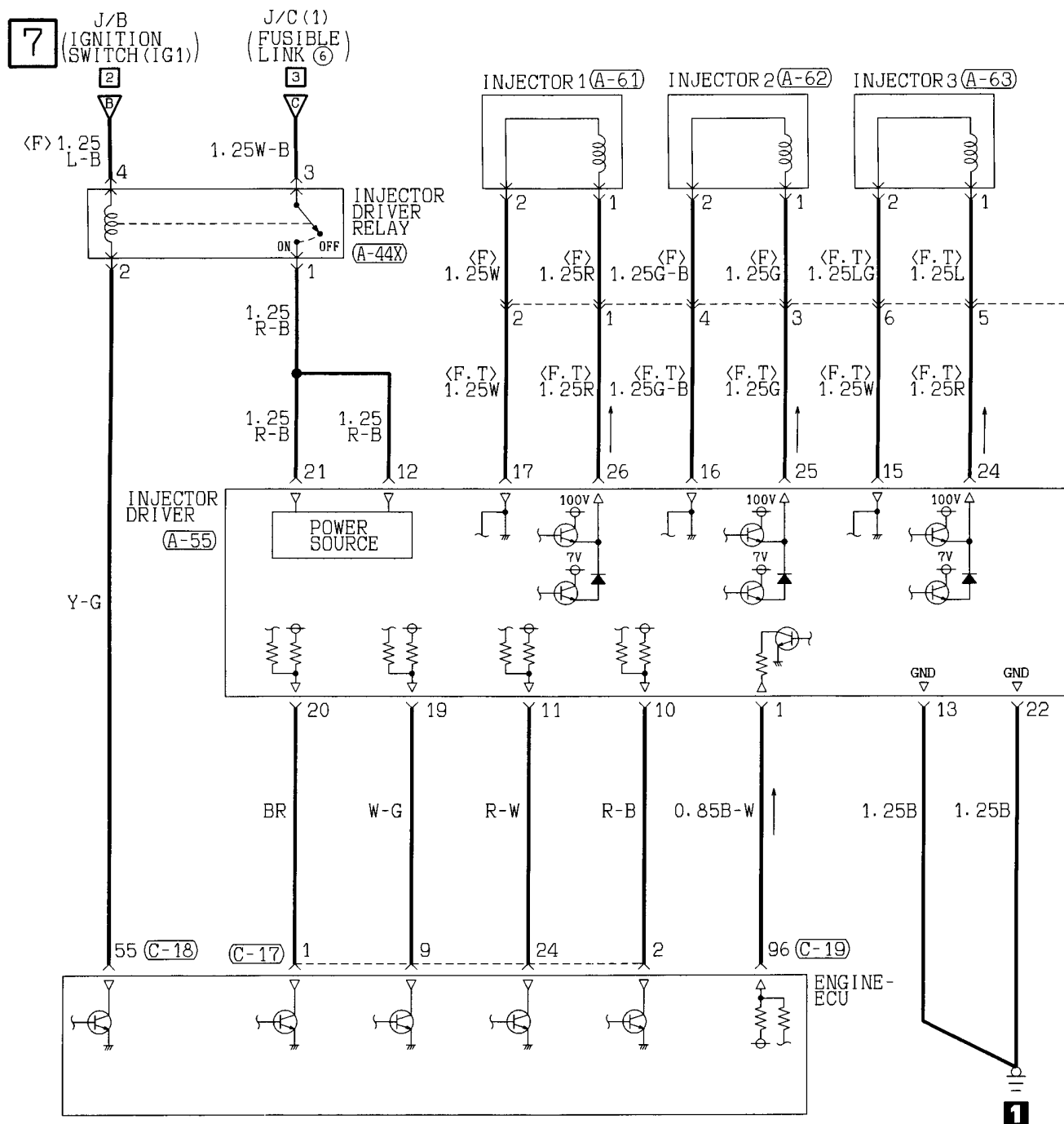
(C-19) (MU803783)

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					

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 &lt;4G94-GDI&gt; (CONTINUED)

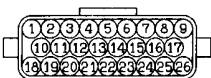


(A-44X)

(A-45X)

(A-55)

(MU802522)



(A-61)

(A-62)

(A-63)

(A-64)

(A-78)

(A-90)

(MU802062)

(MU802062)

(MU802062)

(MU802062)

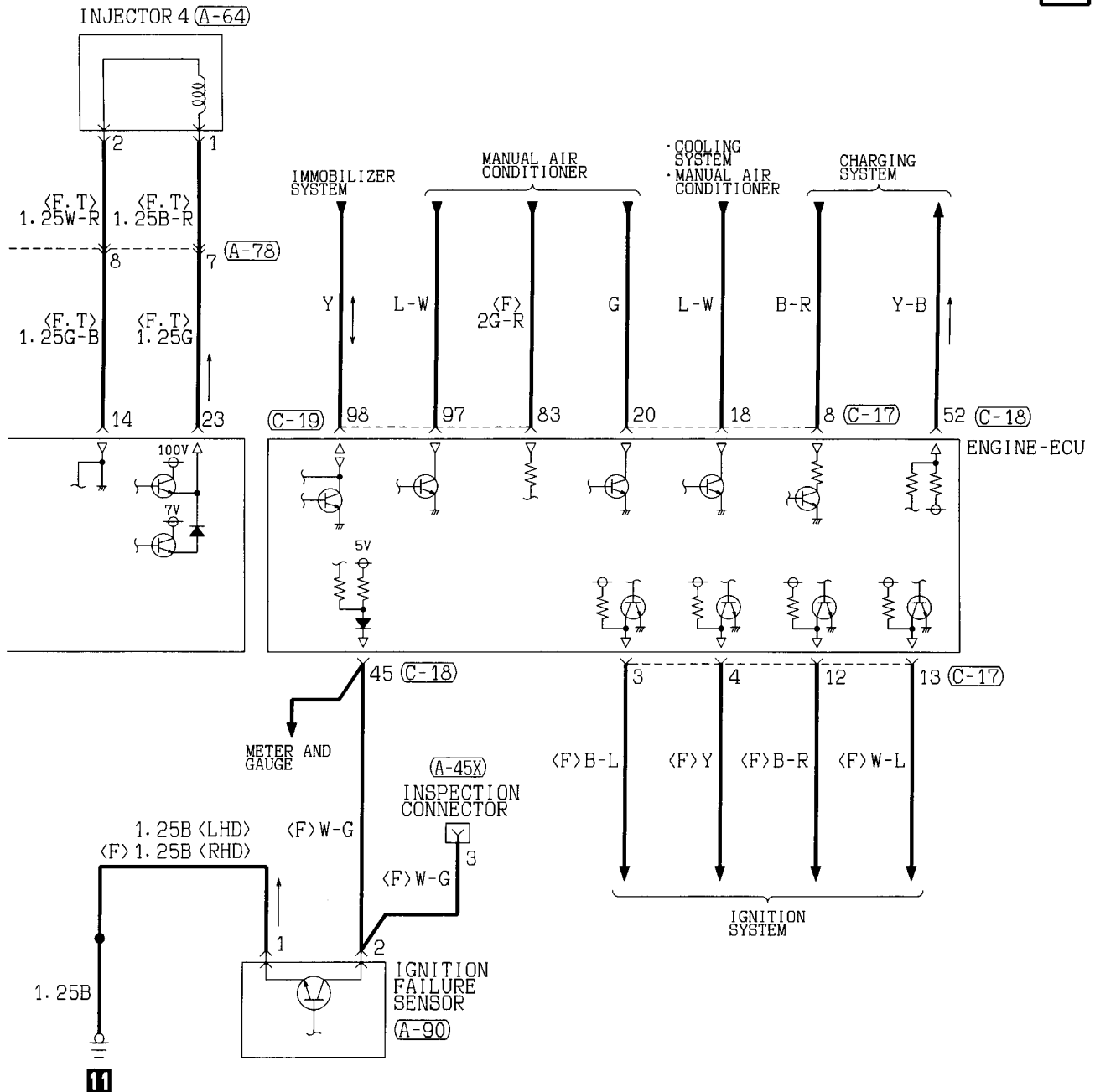
MU802609

(MU802724)





8



(C-17) (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					

(C-18) (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

(C-19) (MU803783)

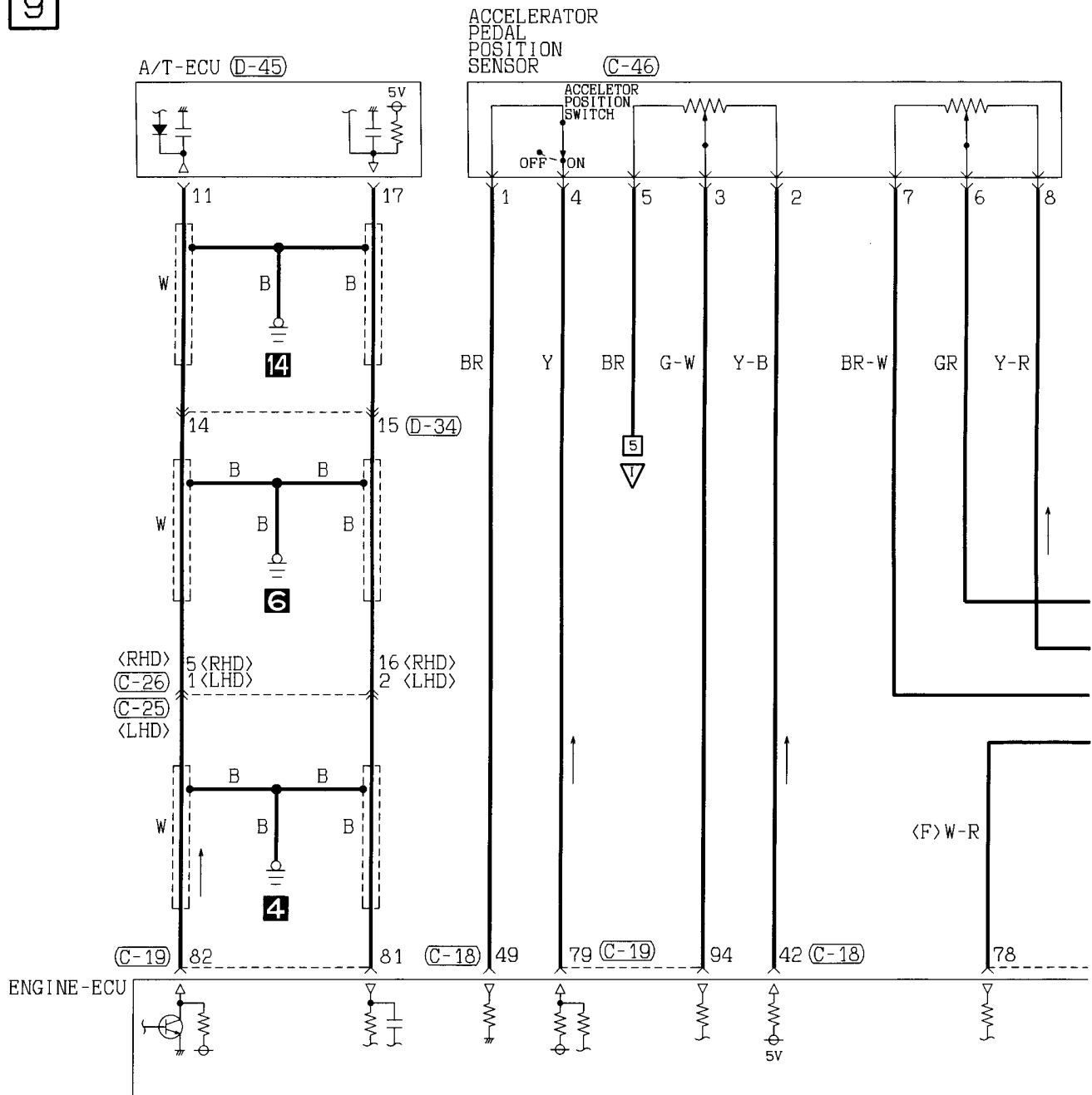
71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98
99	100					

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

H3K05E00DB

## ENGINE CONTROL SYSTEM &lt;4G94-GDI&gt; (CONTINUED)

9



(A-05)  
(MU802066)

1	2	3	4
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(A-06)  
(MU802724)

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

(A-36)

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

(C-18) (MU803782)

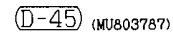
41	42	43	44	45	46	47
48	49	50	51	52	53	54
55	56	57	58	59	60	61
62	63	64	65	66	67	68

(C-19) (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					

(C-25) <LHD>

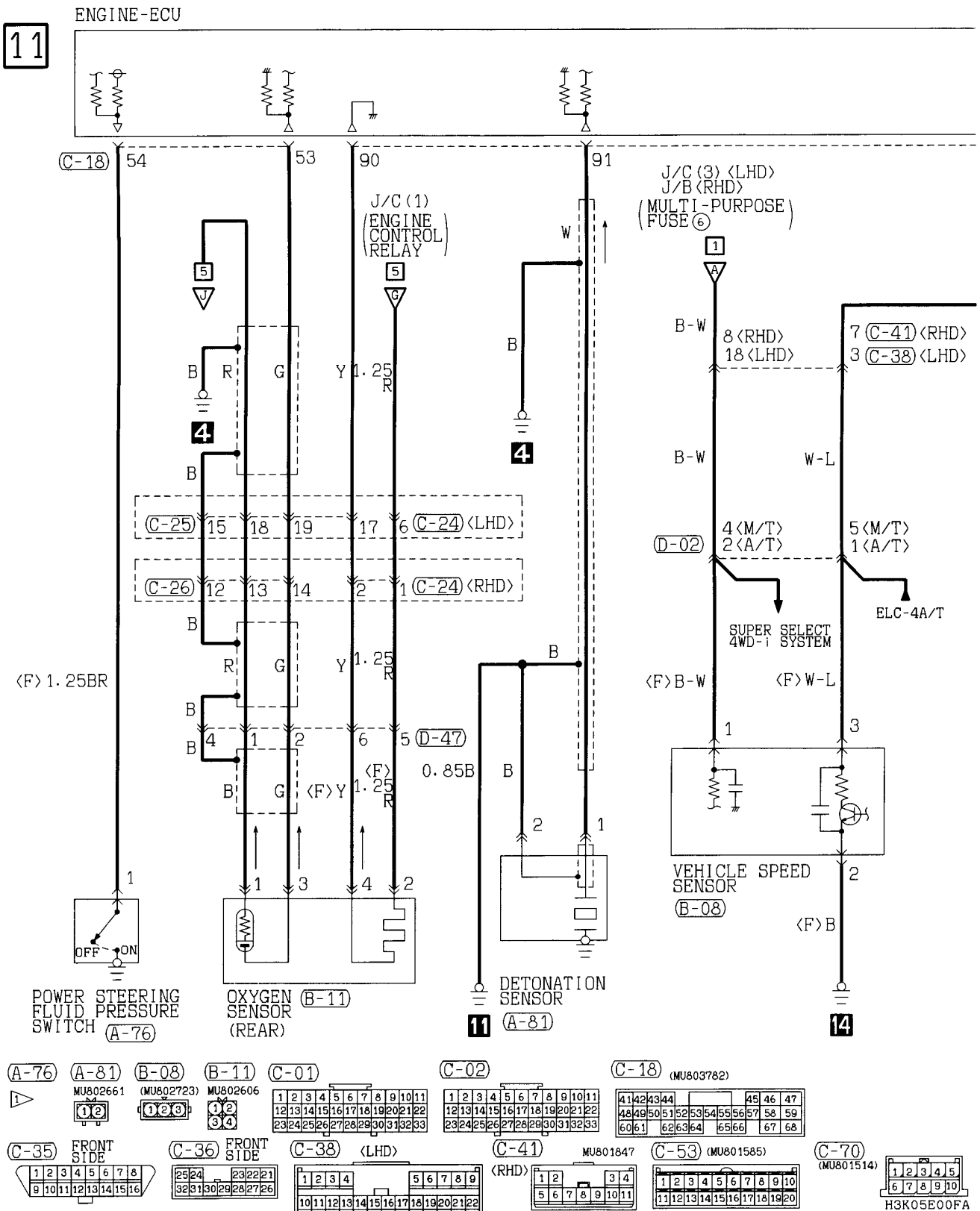
1	2		3	4
5	6	7	8	9
10	11	12		
13	14	15	16	17
18	19			

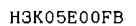


1	2					3	4	
5	6	7	8	9	10	11	12	13
14	15		16	17	18		19	20

H3K05E00EB

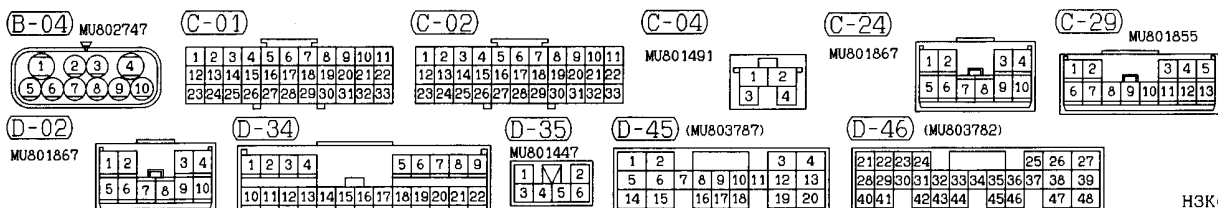
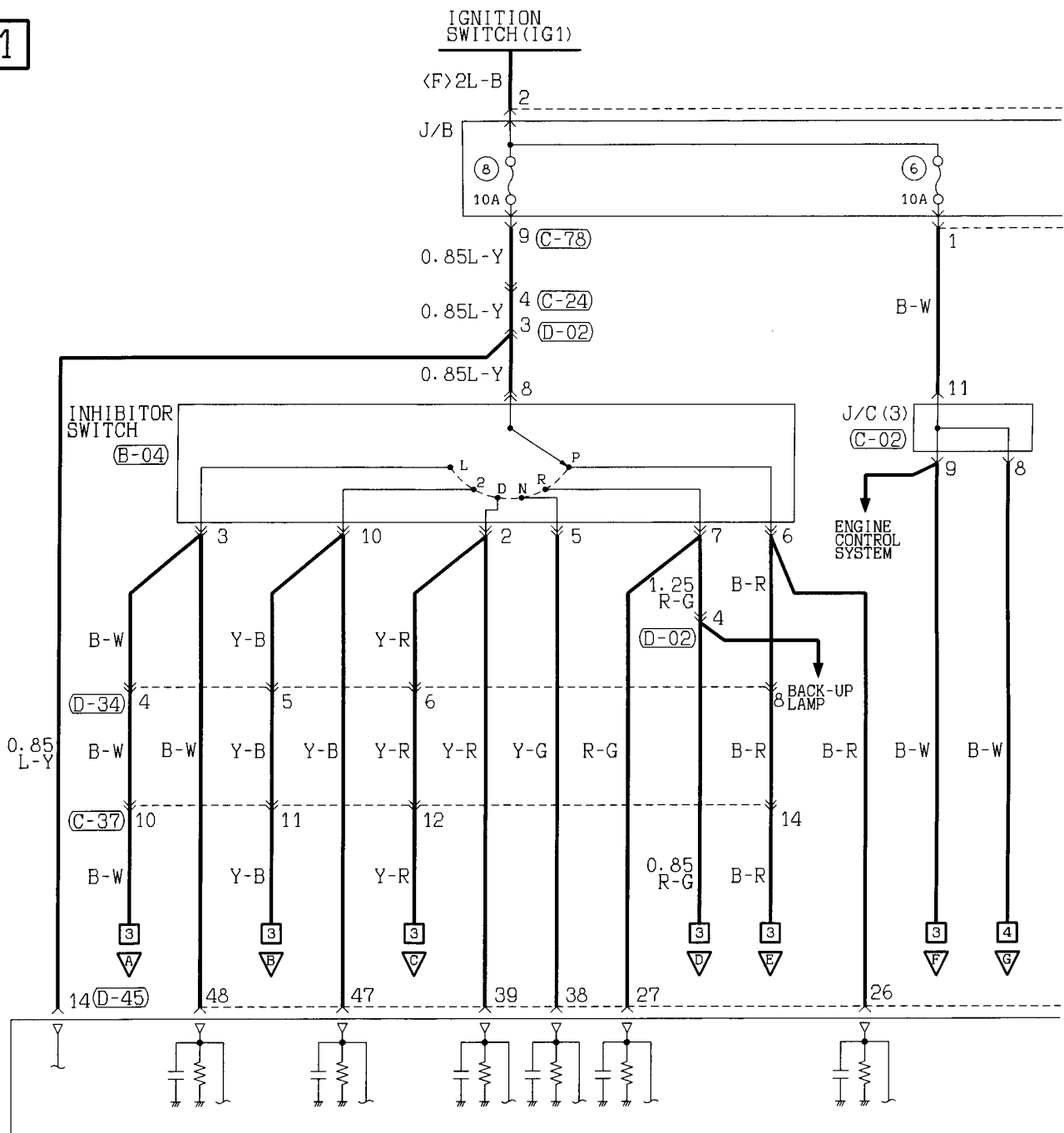
## ENGINE CONTROL SYSTEM &lt;4G94-GDI&gt; (CONTINUED)

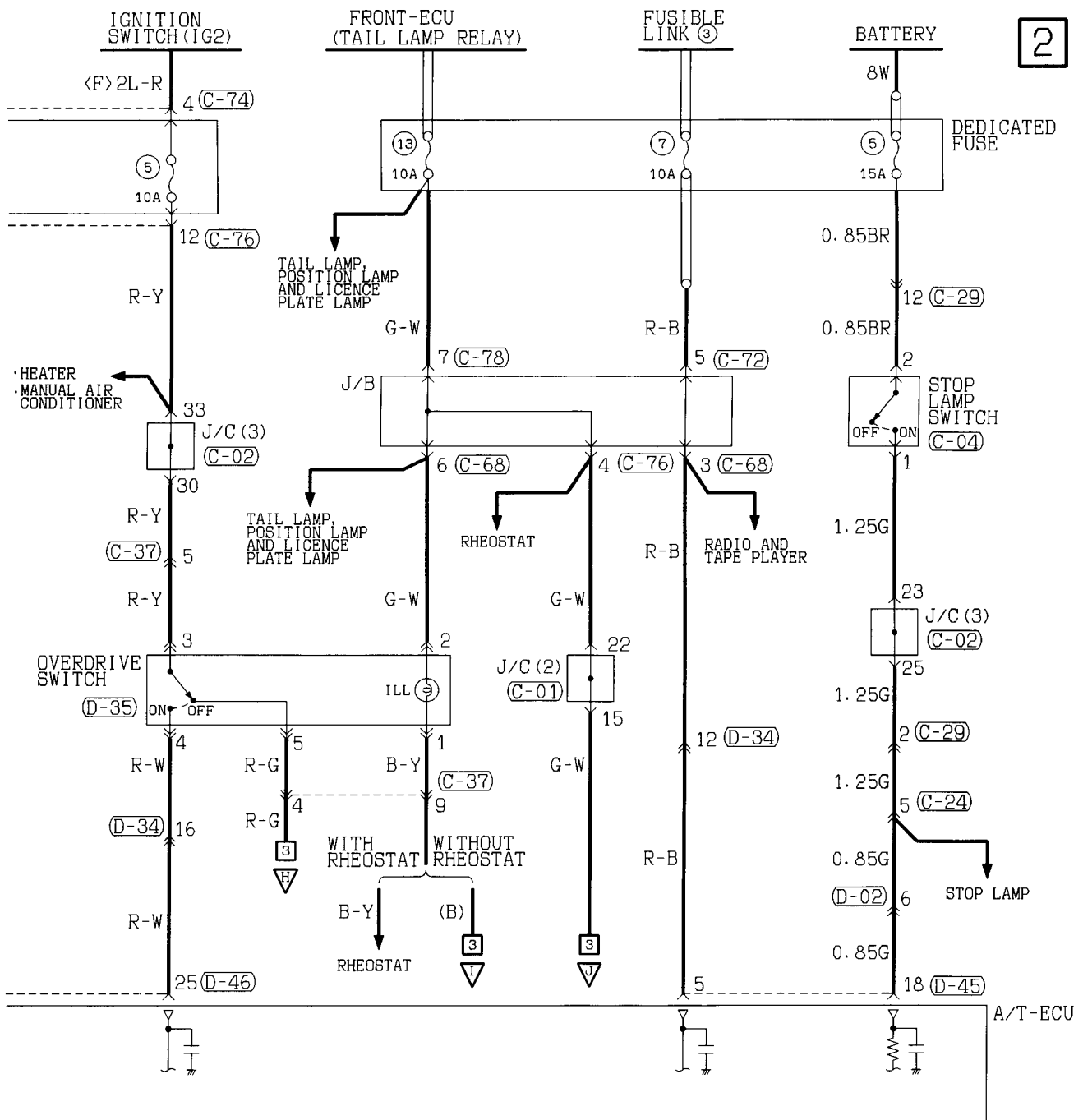




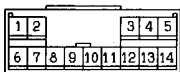
### L.H. drive vehicles

1

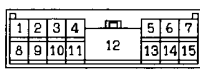




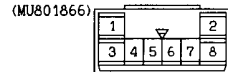
(C-37)



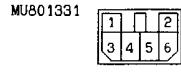
(C-68)



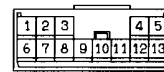
(C-72)



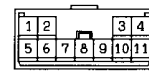
(C-74)



(C-76)



(C-78)



Wire colour code

B : Black LG : Light green

G : Green GR : Gray

L : Blue R : Red

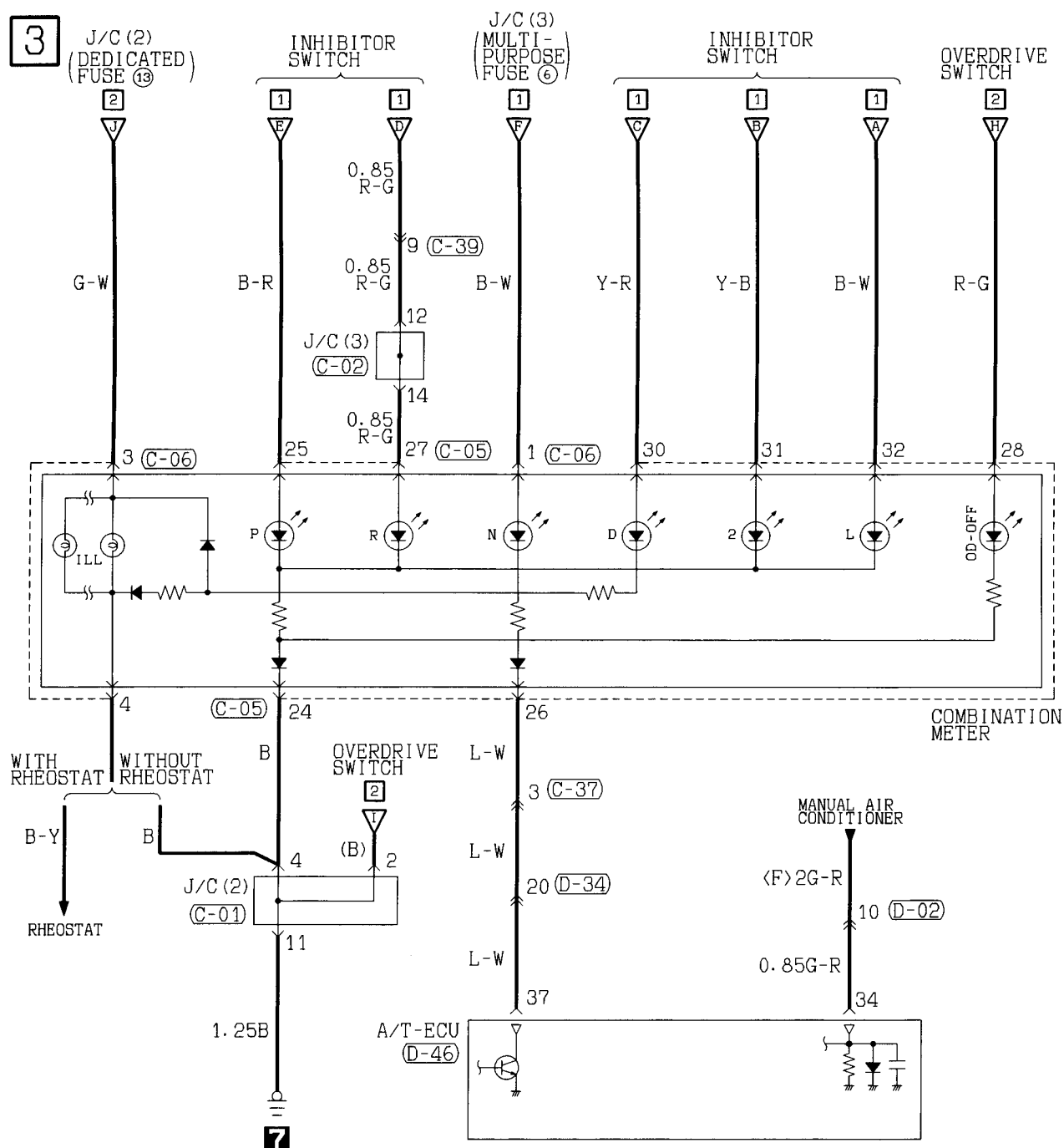
W : White P : Pink

Y : Yellow V : Violet

SB : Sky blue

H3K07E00AB

**ELC-4A/T <L.H. drive vehicles> (CONTINUED)**



(B-08)  
(MU802723)  
123

C-01										
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

C-05

21	22	23	24	25	26	27	28	29	30	31	32	33	34
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(C-06)

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

(C-77)  
MU801403  
1

(D-02)  
(MU801845)

1	2			3	4
5	6	7	8	9	10

D-34

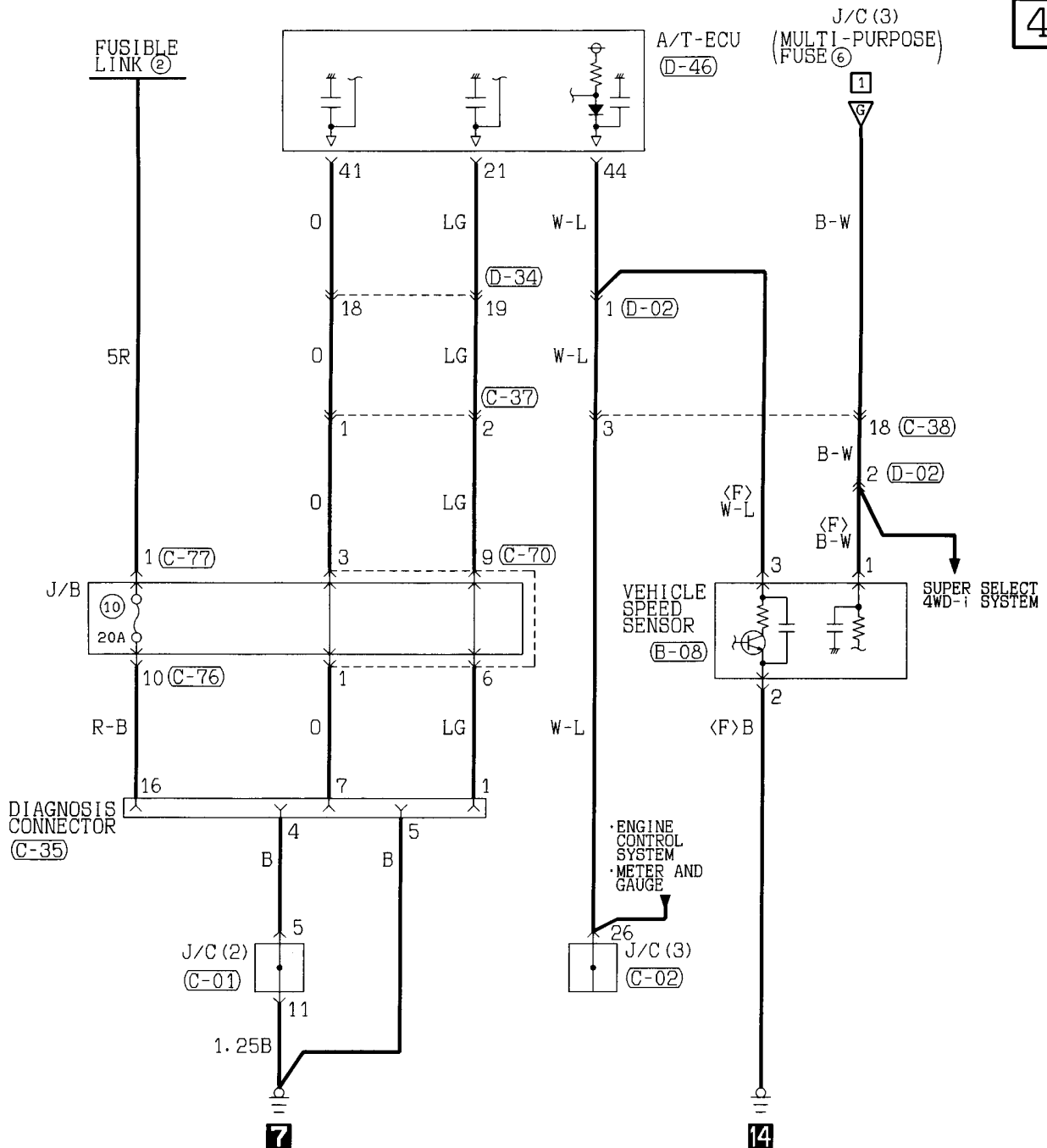
1	2	3	4					5	6	7	8	9
10	11	12	13	14	15	16	17	18	19	20	21	22

(D-46) (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		



4



(C-35) FRONT SIDE

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

(C-37)

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

(C-38)

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

(C-39) MU801867

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

(C-70) (MU801514)

1	2	3	4	5
6	7	8	9	10

(C-76) (MU801860)

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

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

H3K07E00BB

<4G93-MPI>

A/T-ECU

5V

(D-46) 42 43 11 17 (D-45)

Y-B G-W W B B

14

13 17 14 15 (D-34)

Y-B G-W W B B

6

6 5 1 2 (C-25)

Y-B G-W W B

THROTTLE POSITION SENSOR (A-06)

BR <F> G-W <F> BR

ENGINE CONTROL SYSTEM

ENGINE CONTROL SYSTEM

ENGINE-ECU

92 84 81 (C-90) 7 (C-87) 59 (C-89)

5V

(A-06) (MU802724)

(A-36)

(A-72) (MU802601)

(C-18) (MU803782)

(C-19) (MU803783)

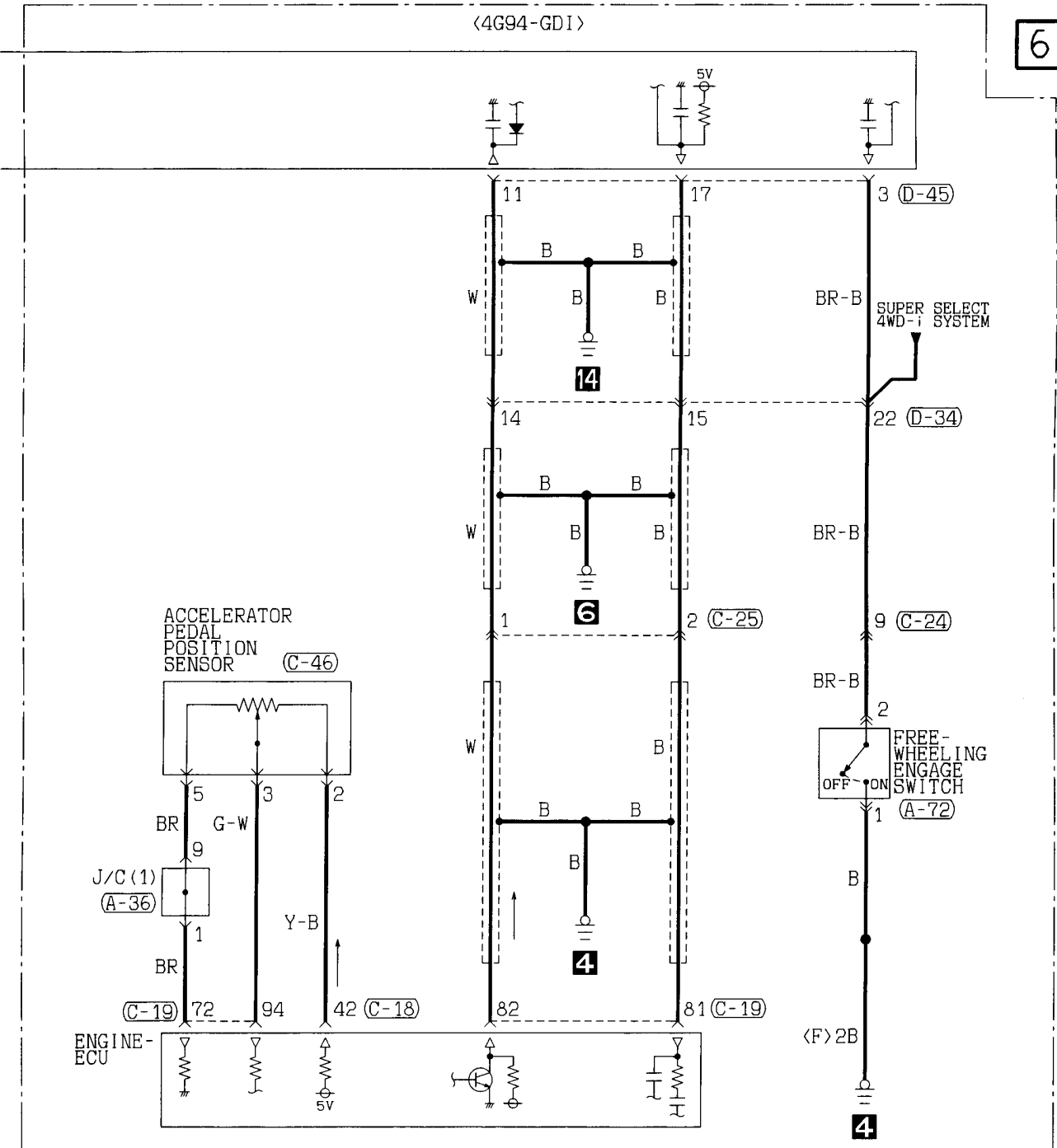
(C-24) (MU801867)

(D-34)

(D-45) (MU803787)

(D-46) (MU803782)

H3K07E00C



C-25

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

C-46

(MU802073)

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

C-87

(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

C-89

(MU801820)

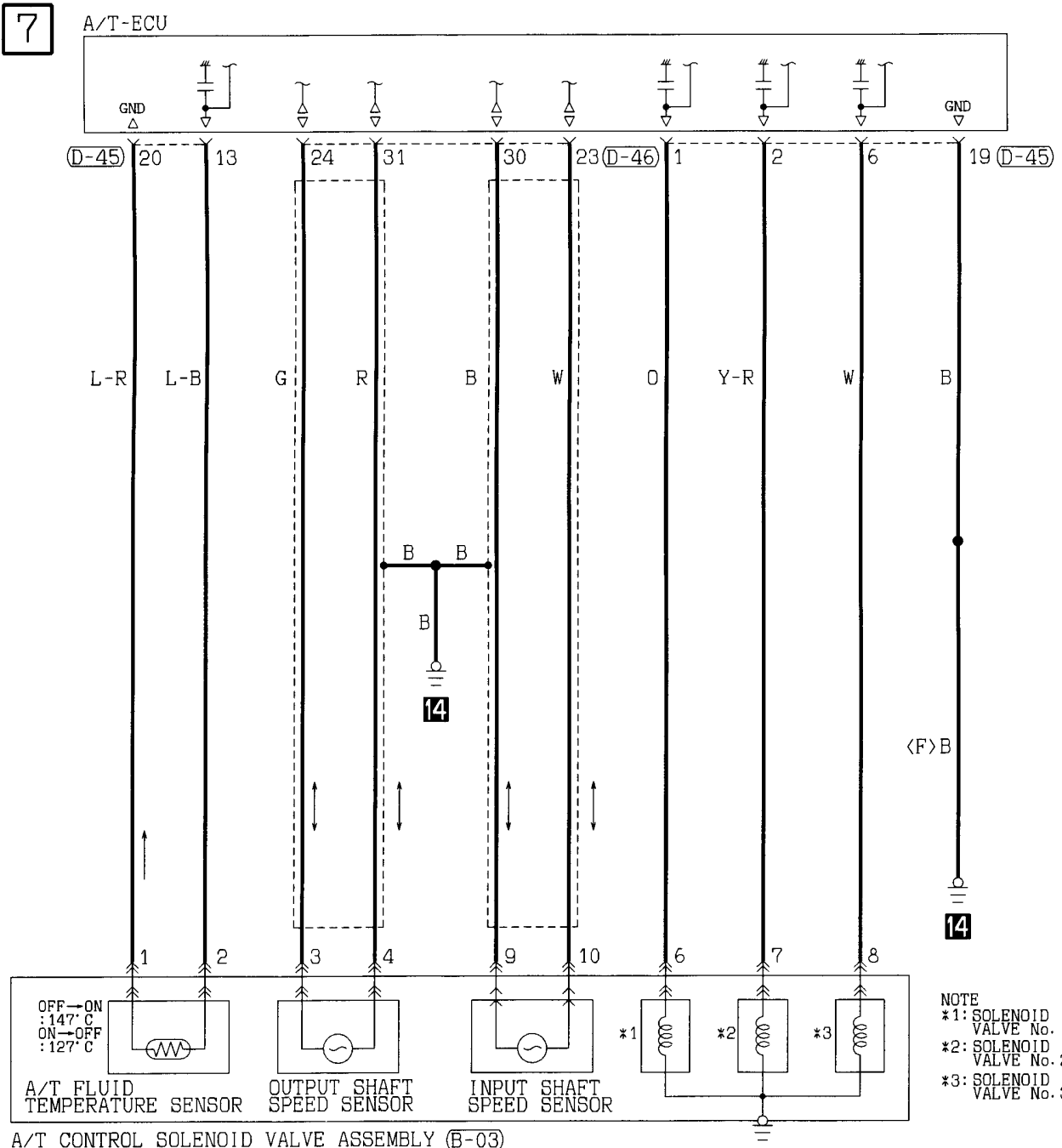
51	52	53	54	55	56
57	58	59	60	61	62

C-90

(MU801823)

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

## ELC-4A/T &lt;L.H. drive vehicles&gt; (CONTINUED)



(B-03)

MU802645

1	2	3	4	5
6	7	8	9	10

(D-45)

(MU803787)

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

(D-46)

(MU803782)

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

Wire colour code

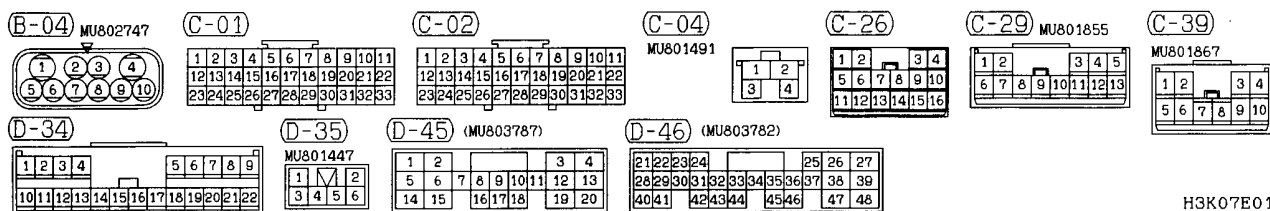
B :Black LG:Light green G:Green L :Blue W :White Y :Yellow SB:Sky blue  
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

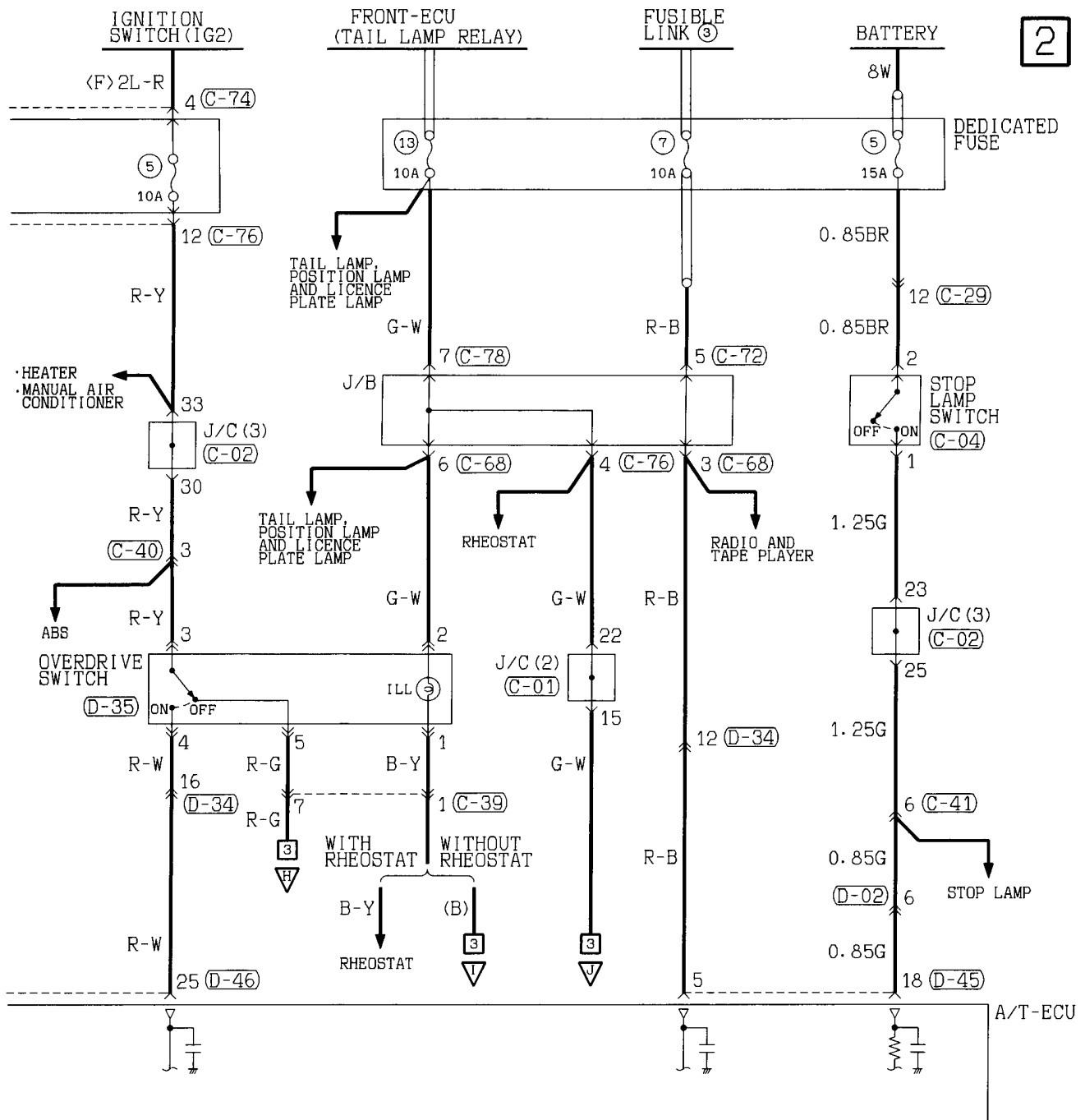
H3K07E00DA

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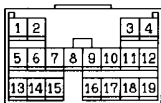
NOTES

### R.H. drive vehicles

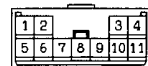




(C-40)

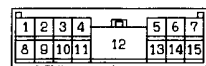


(C-41)

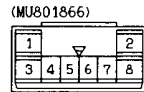


MU801847

(C-68)



(C-72)



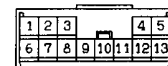
(MU801866)

(C-74)



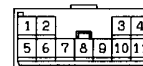
MU801331

(C-76)



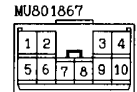
(MU801860)

(C-78)



MU801847

(D-02)



MU801867

Wire colour code

B:Black LG:Light green

G:Green L:Blue

W:White Y:Yellow

SB:Sky blue

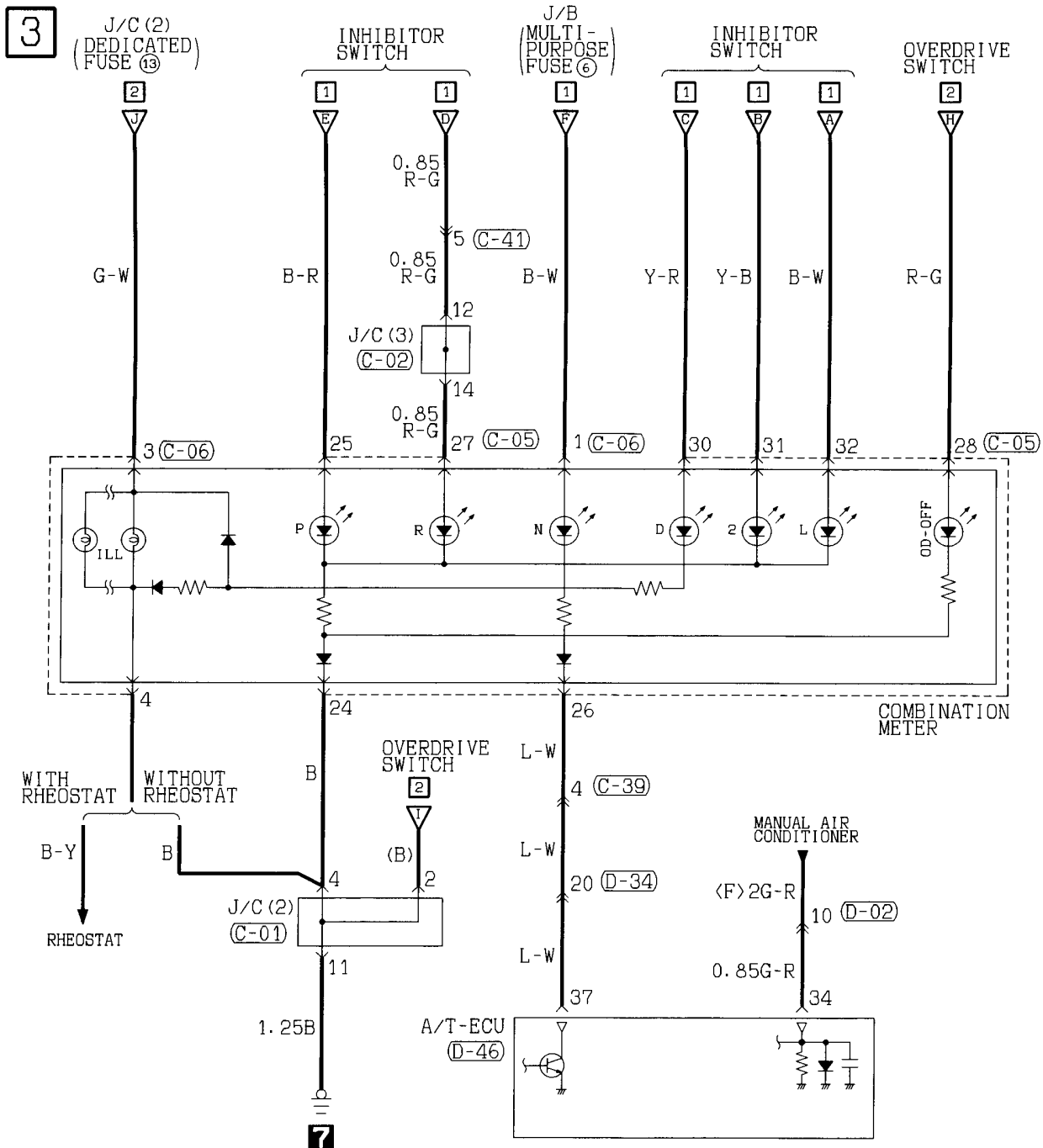
BR:Brown O:Orange

GR:Gray R:Red

P:Pink V:Violet

H3K07E01AB

## ELC-4A/T &lt;R.H. drive vehicles&gt; (CONTINUED)



(B-08) (MU802723)

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

(C-01)

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

(C-02)

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

(C-05)

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

(C-06)

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

(D-34)

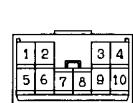
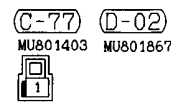
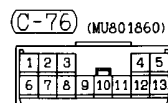
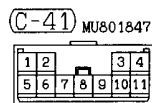
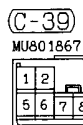
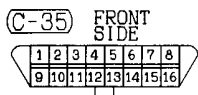
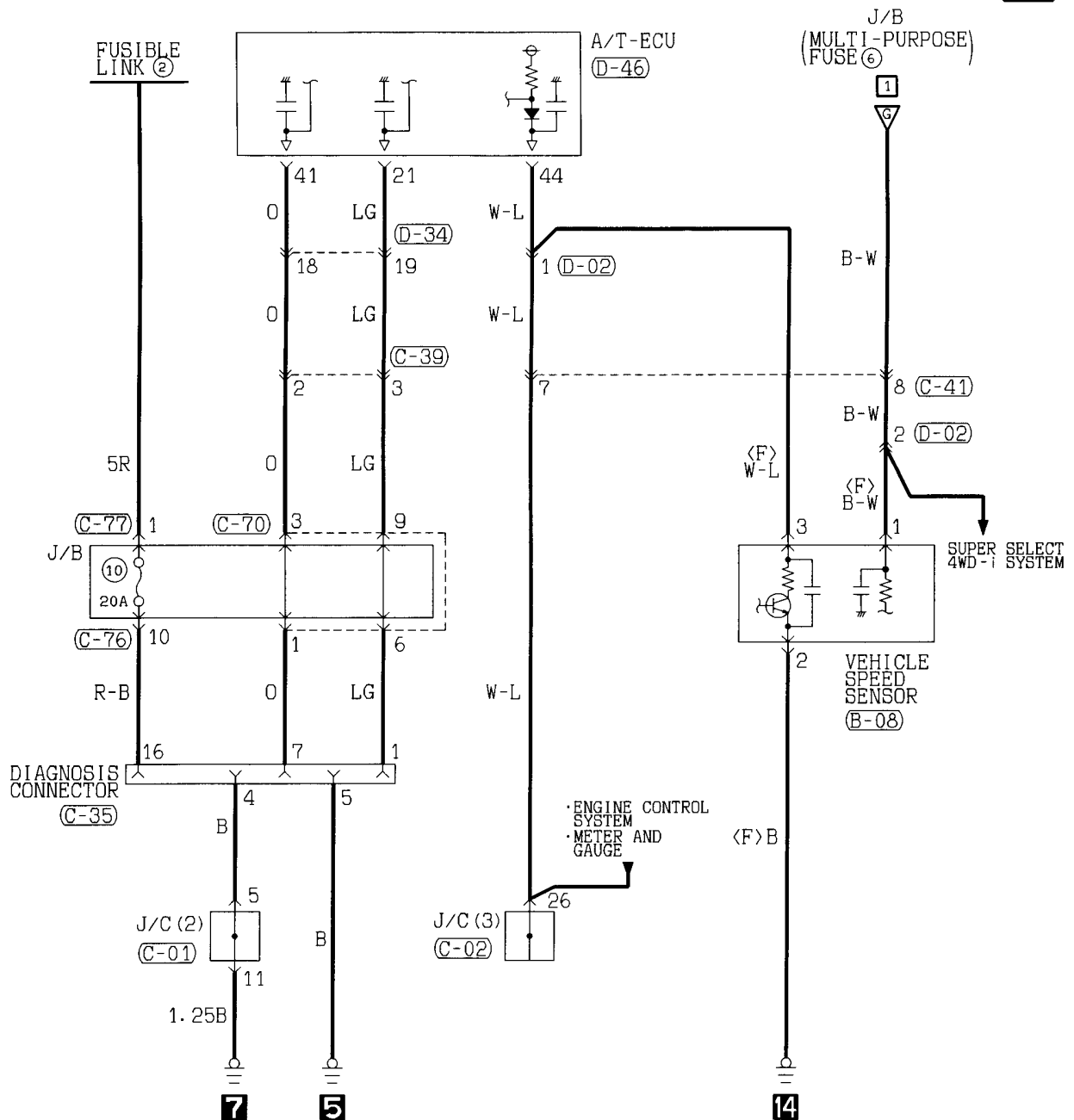
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

(D-46) (MU803782)

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

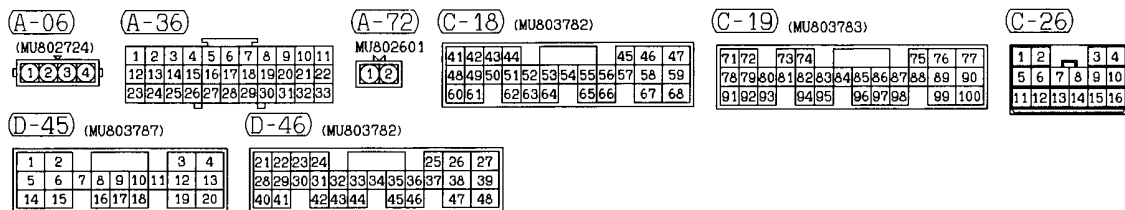


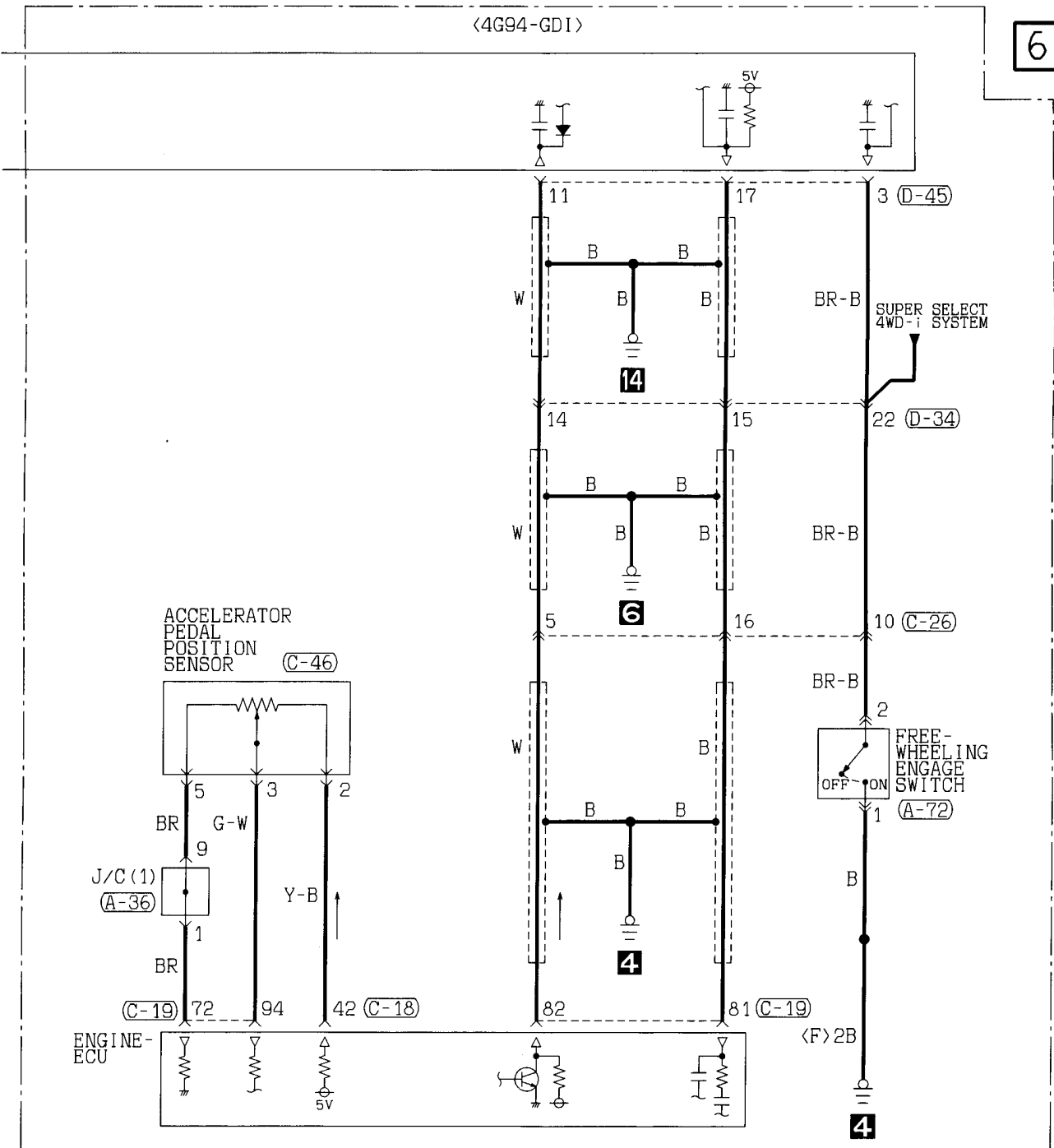
4



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

5





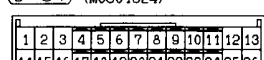
C-46

(MU802073)



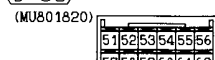
C-87

(MU801824)



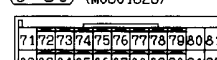
C-89

(MU801820)

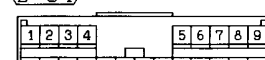


C-90

(MU801823)



D-34



Wire colour code

B : Black LG: Light green

G : Green GR: Gray

L : Blue R : Red

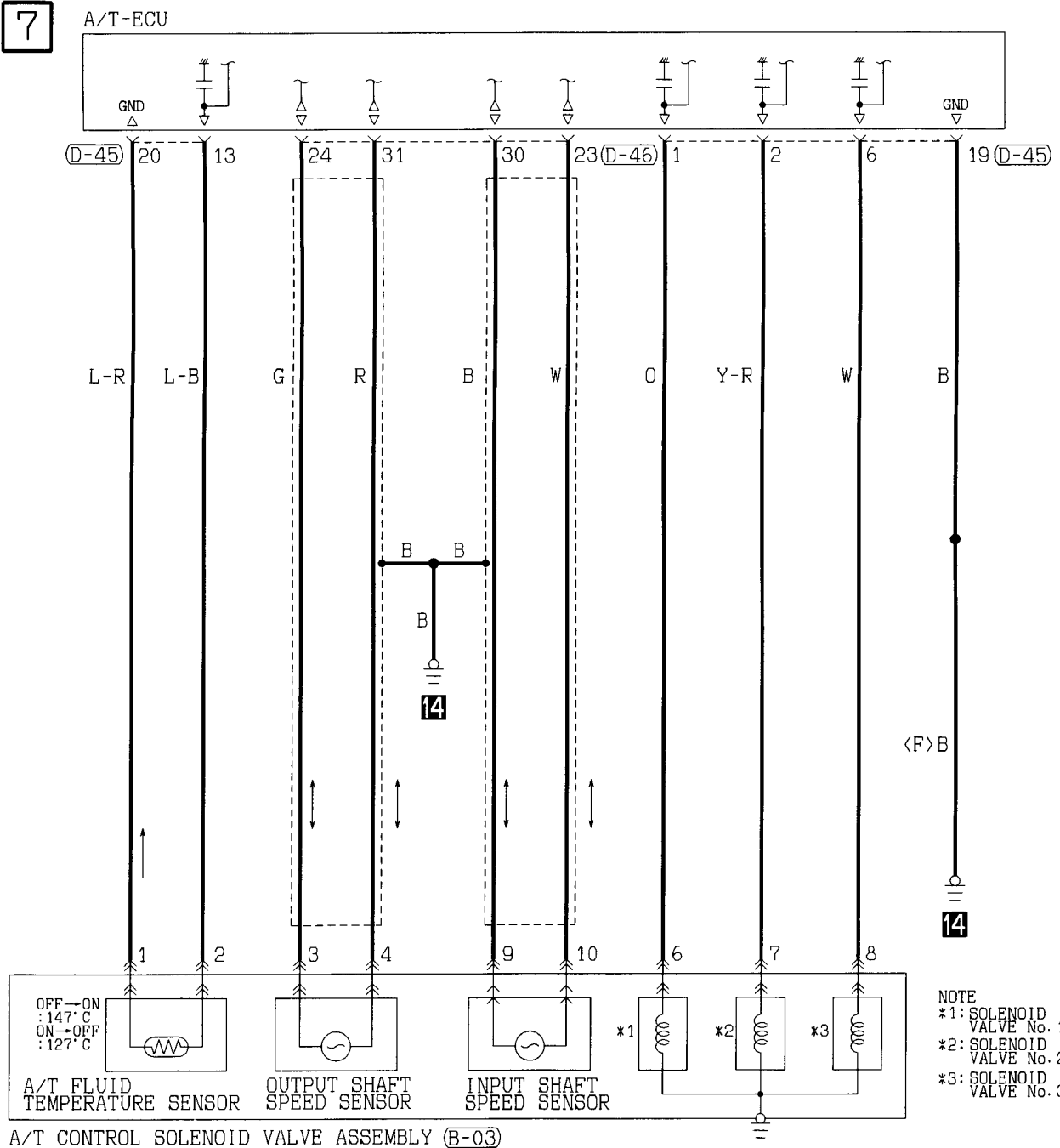
W : White P : Pink

Y : Yellow V : Violet

SB: Sky blue

H3K07E010B

ELC-4A/T <R.H. drive vehicles> (CONTINUED)



(B-03) MU802645

1	2	3	4	5
6	7	8	9	10

(D-45) (MU803787)

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

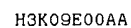
(D-46) (MU803782)

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

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

# HORN

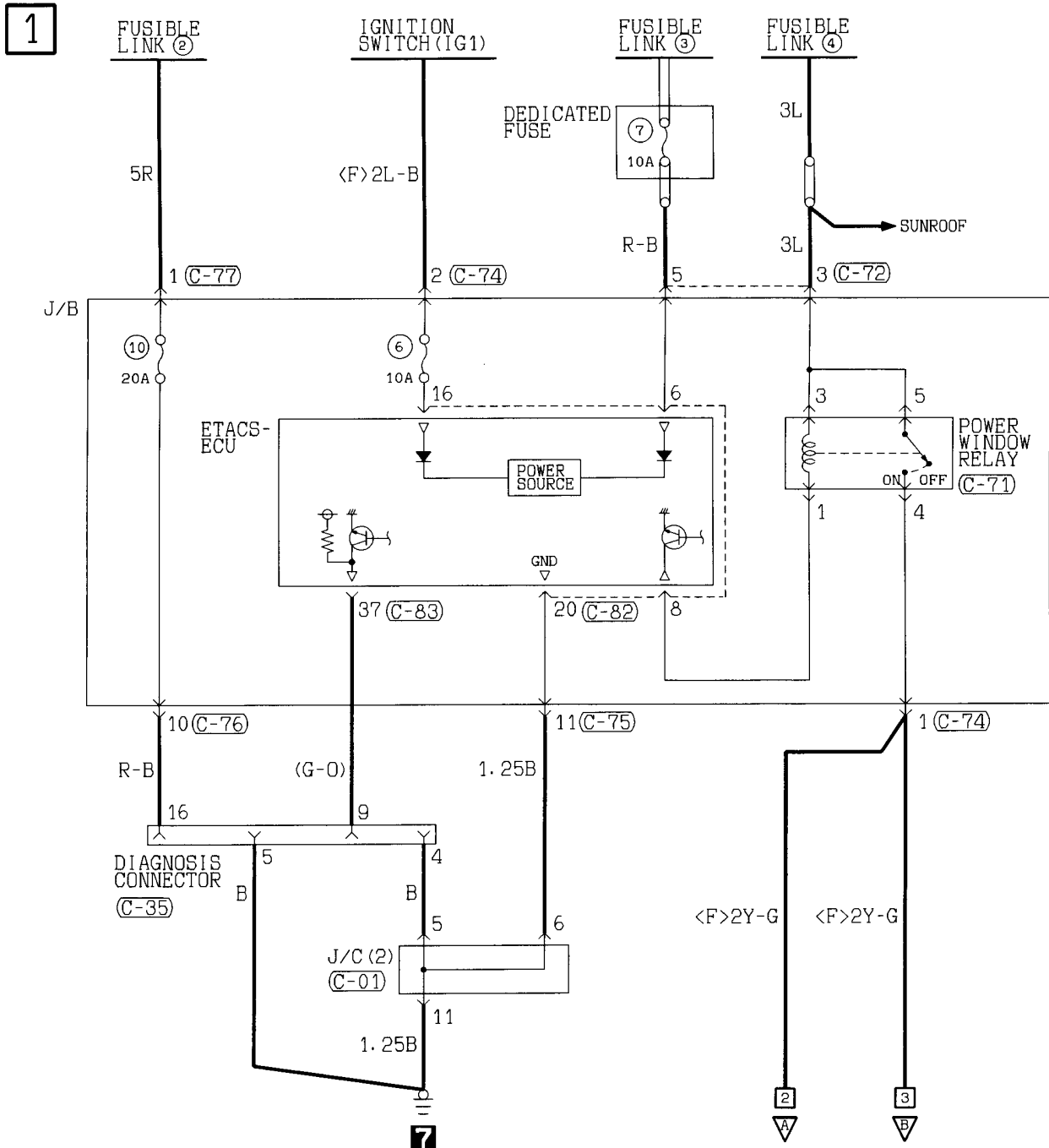
1



## POWER WINDOWS

L.H. drive vehicles

&lt;3-door models and 5-door models with power windows (front door only)&gt;



(C-01)

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

(C-35) FRONT SIDE

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

(C-45)

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				

(C-71)

1	2	3
4		
5		

(C-72)

(MU801866)

1	2	3	4	5	6	7	8
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(C-74)

MU801331

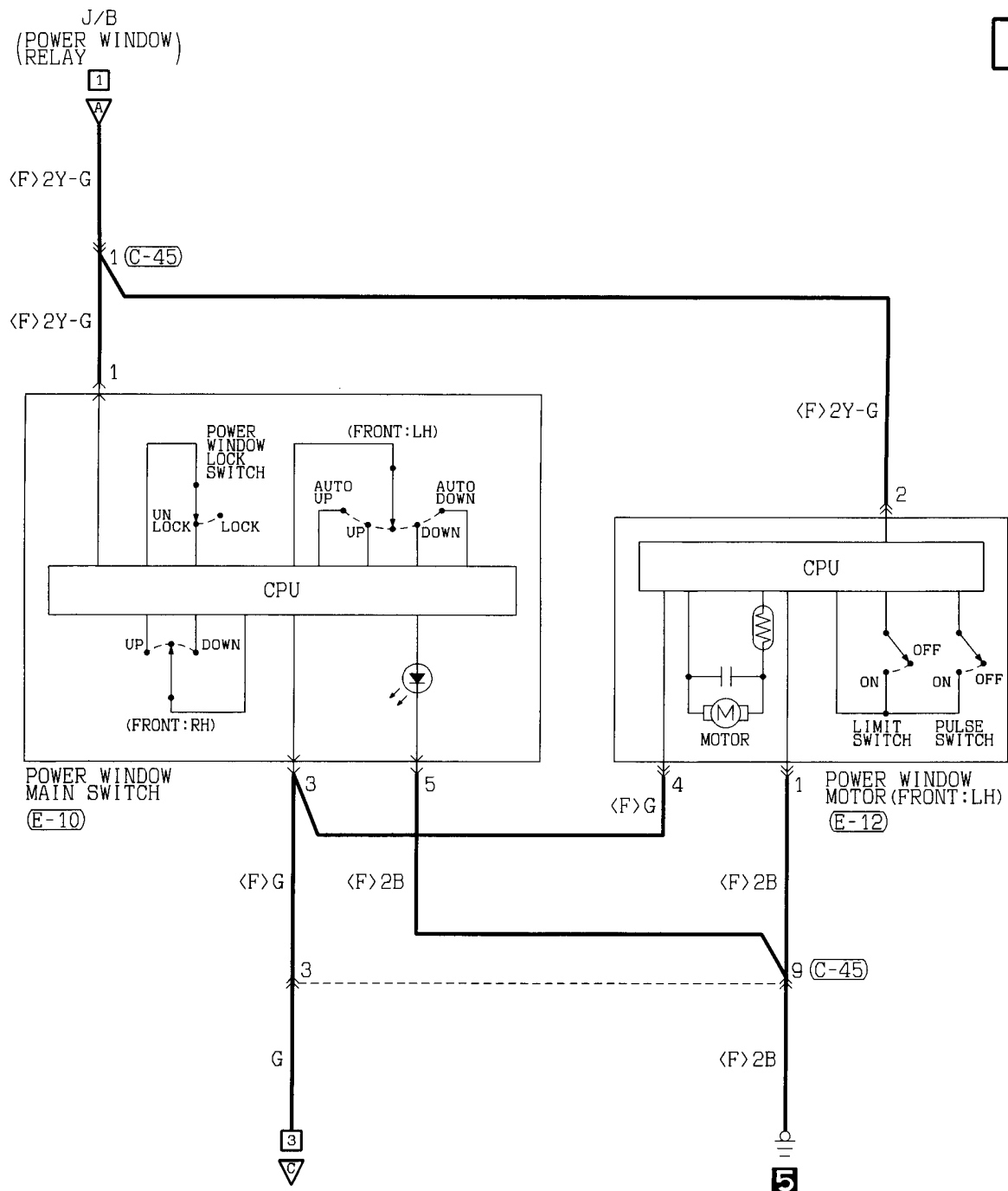
1	2	3	4	5	6
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(E-12)

MU801445

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

2



C-75 MU801855

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

C-76 (MU801860)

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

C-77 MU801403

1
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C-82

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

C-83 (MU801585)

21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

E-10

1	2	3	4	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

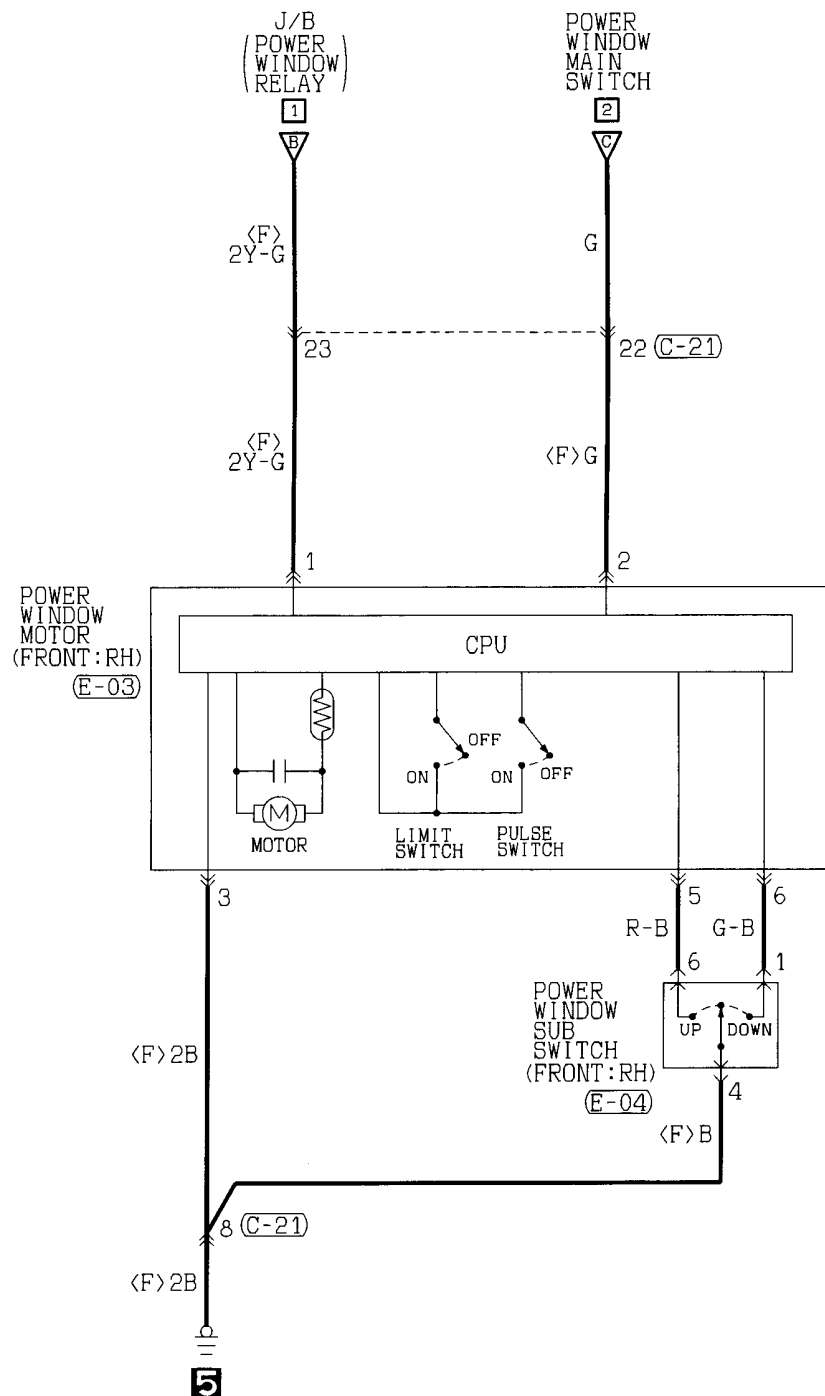
P :Pink

V :Violet

H3K11E00AB

**POWER WINDOWS [L.H. drive vehicles <3-door models and 5-door models with power windows (front door only)>] (CONTINUED)**

**3**



(C-21)

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				

(E-03)

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

(E-04)

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

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

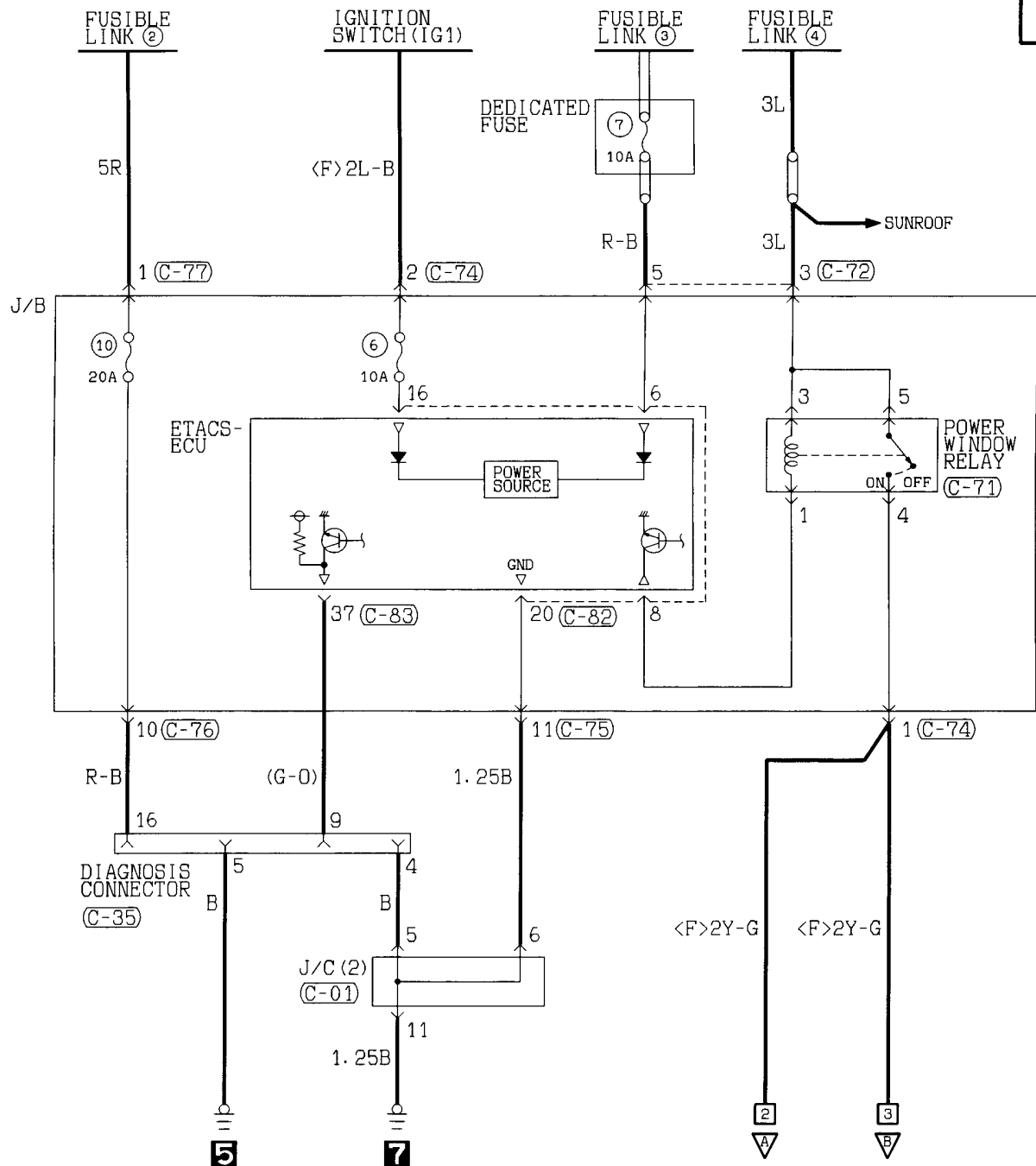
SB : Sky blue



## POWER WINDOWS

R.H. drive vehicles

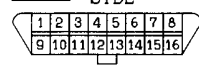
&lt;3-door models and 5-door models with power windows (front door only)&gt;



(C-01)



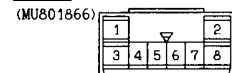
(C-35) FRONT SIDE



(C-71)



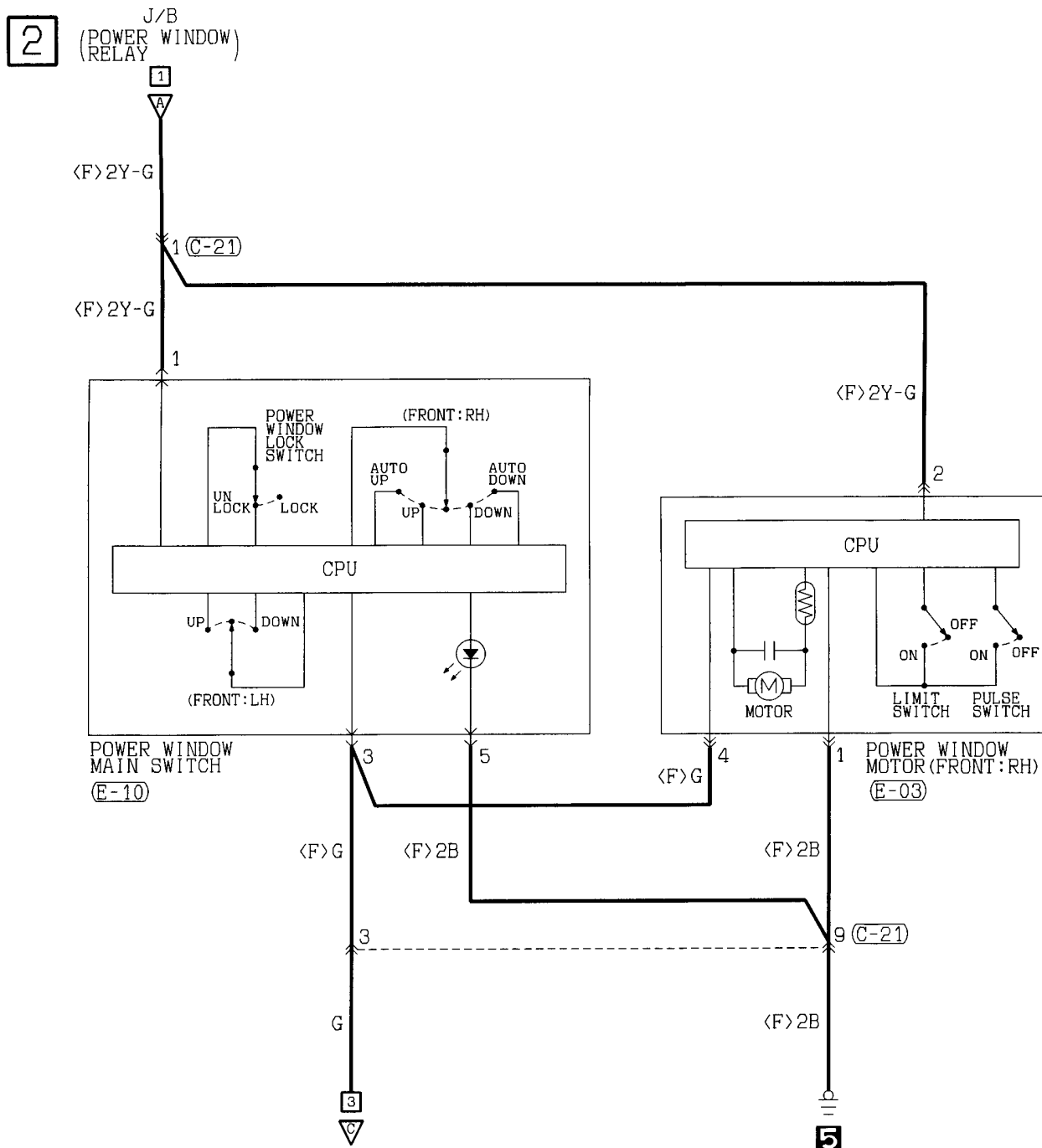
(C-72)



(C-74)



**POWER WINDOWS [R.H. drive vehicles <3-door models and 5-door models with power windows (front door only)>] (CONTINUED)**



(C-21)

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				

(C-45)

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				

(E-03)

1	2	3	4
5	6	7	8

(E-09)

1	2	3
4	5	6

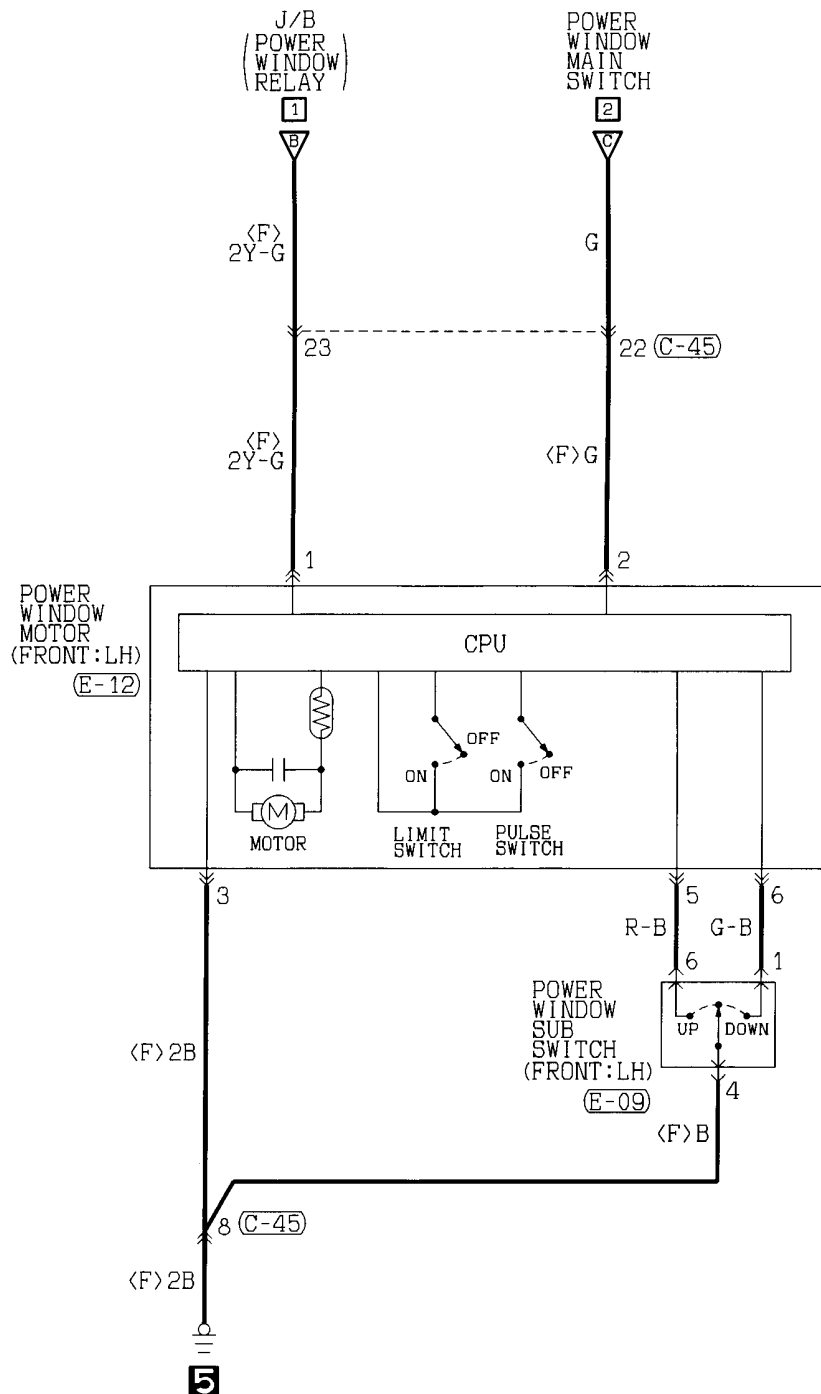
(E-10)

1	2	3	4	5
6	7	8	9	10

(E-12)

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

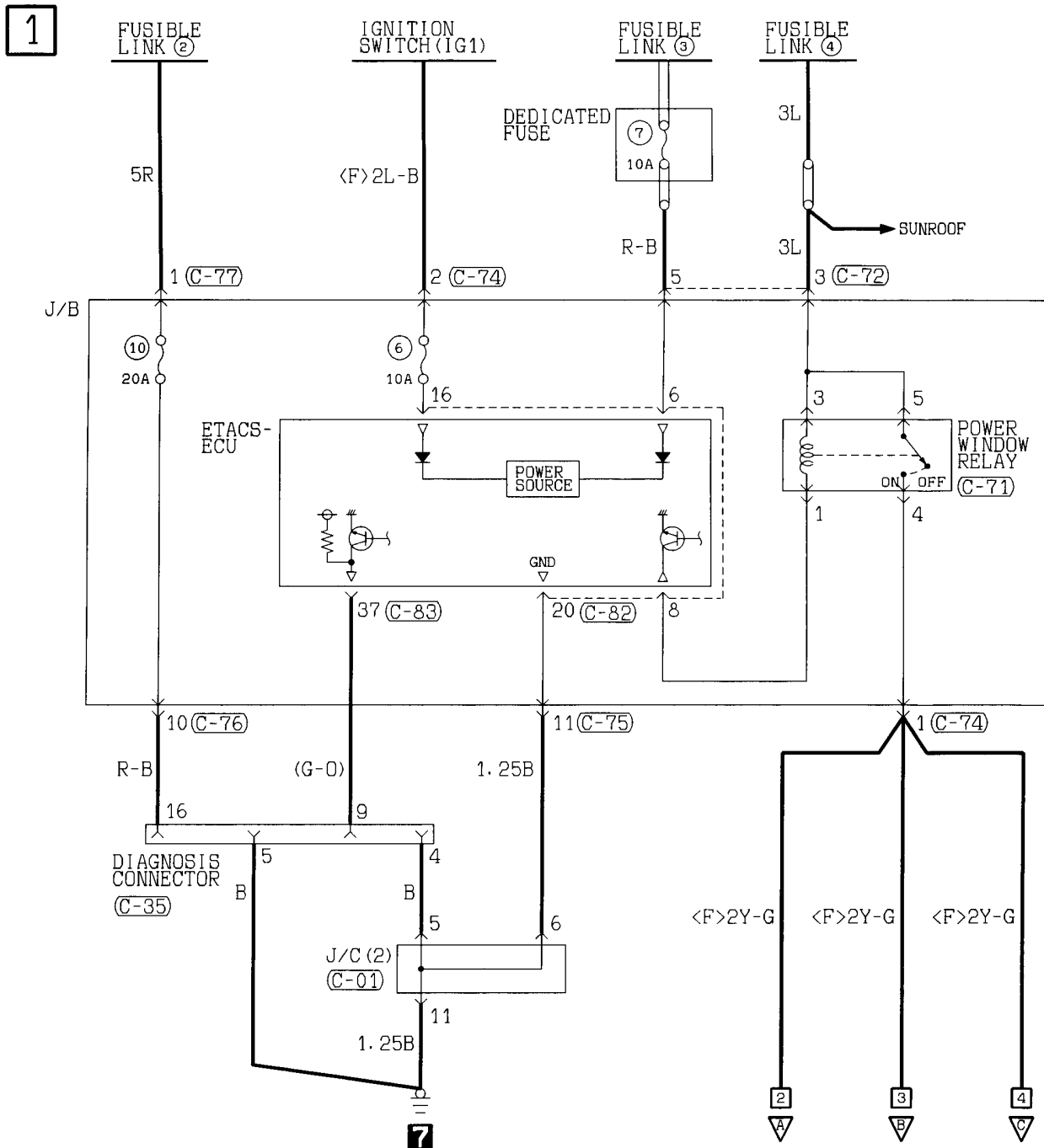
3



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

## POWER WINDOWS

L.H. drive vehicles &lt;5-door models&gt;



(C-01)

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

(C-35) FRONT SIDE

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

(C-45)

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

(C-71)

1	2	3
4	5	6

(C-72)

(MU801866)

1	2	3	4	5	6	7	8
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(C-74)

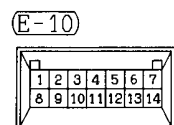
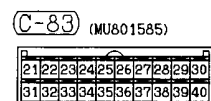
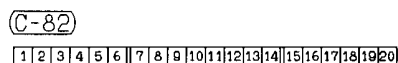
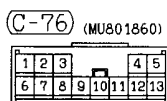
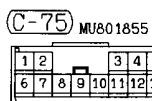
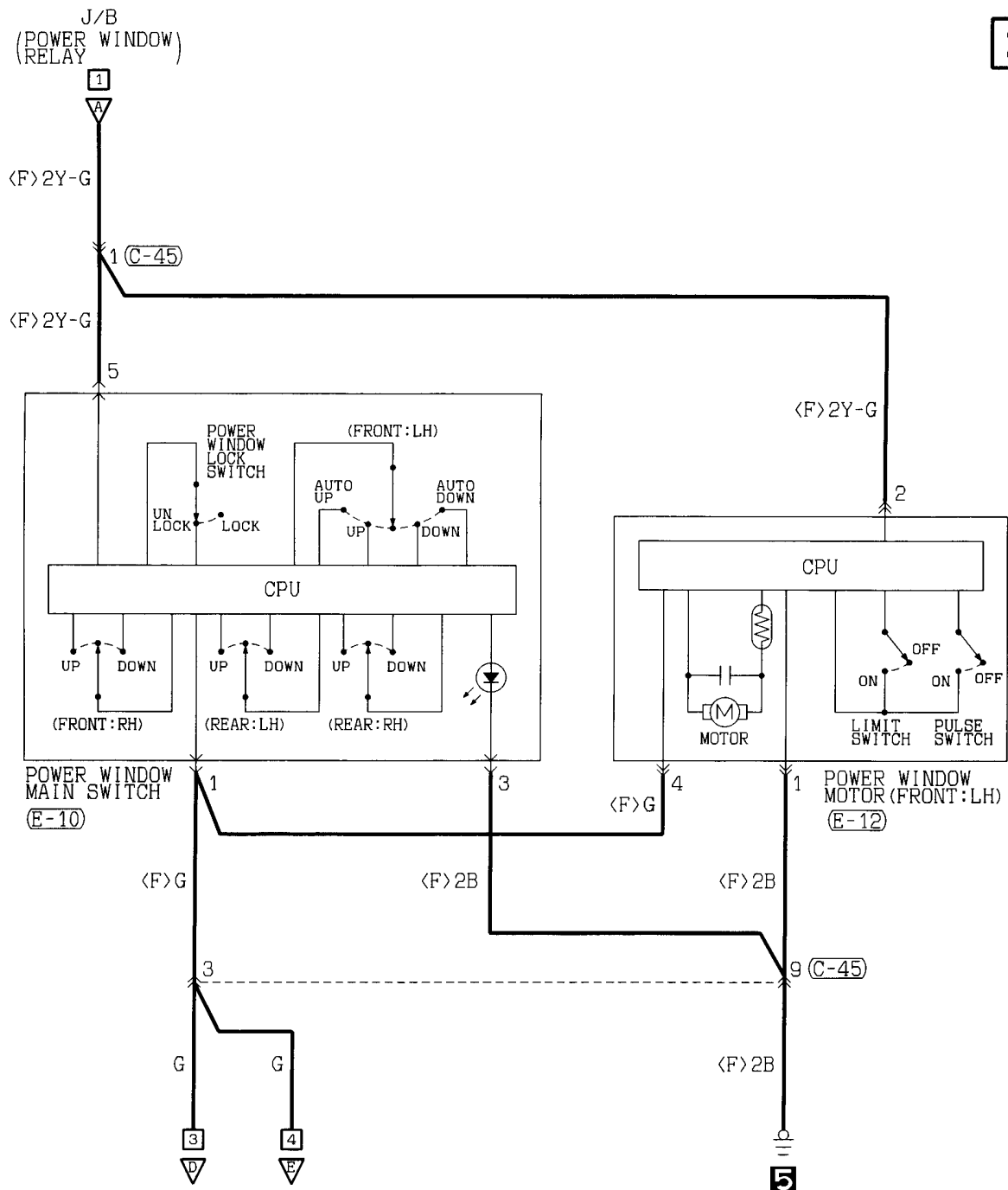
(MU801331)

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

(E-12)

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

2

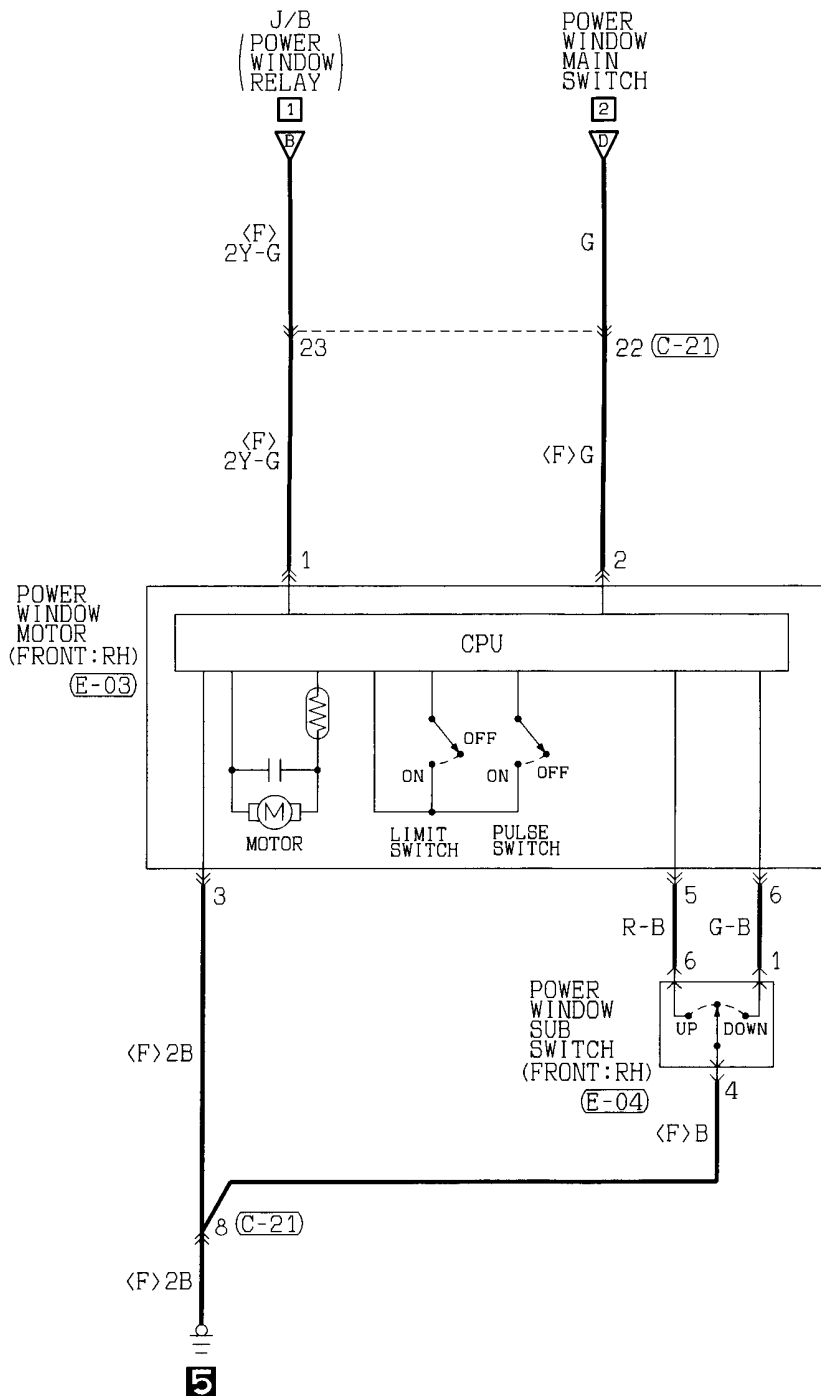


Wire colour code  
 B : Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue  
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

H3K11E02AB

POWER WINDOWS <L.H. drive vehicles (5-door models)> (CONTINUED)

3



(C-21)

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				

(C-38)

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

(C-39)

MU801867

1	2	3	4
5	6	7	8
9	10		

(D-09)

MU801451

1	2	3	4
5	6	7	8
9	10		

(D-25)

MU801451

1	2	3	4
5	6	7	8
9	10		

(E-03)

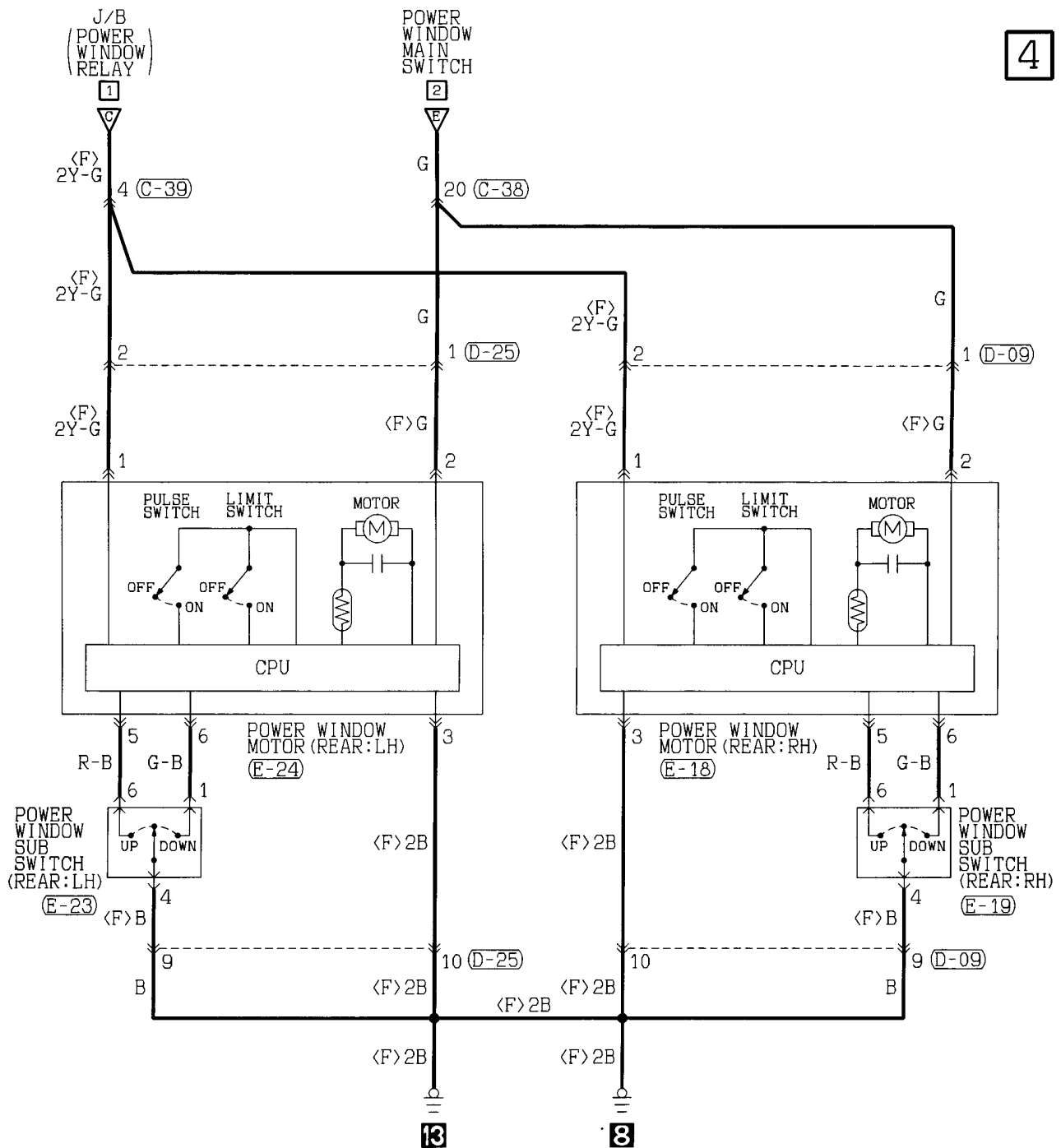
MU801447

1	2	3
4	5	6

(E-04)

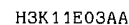
1	2	3
4	5	6

4



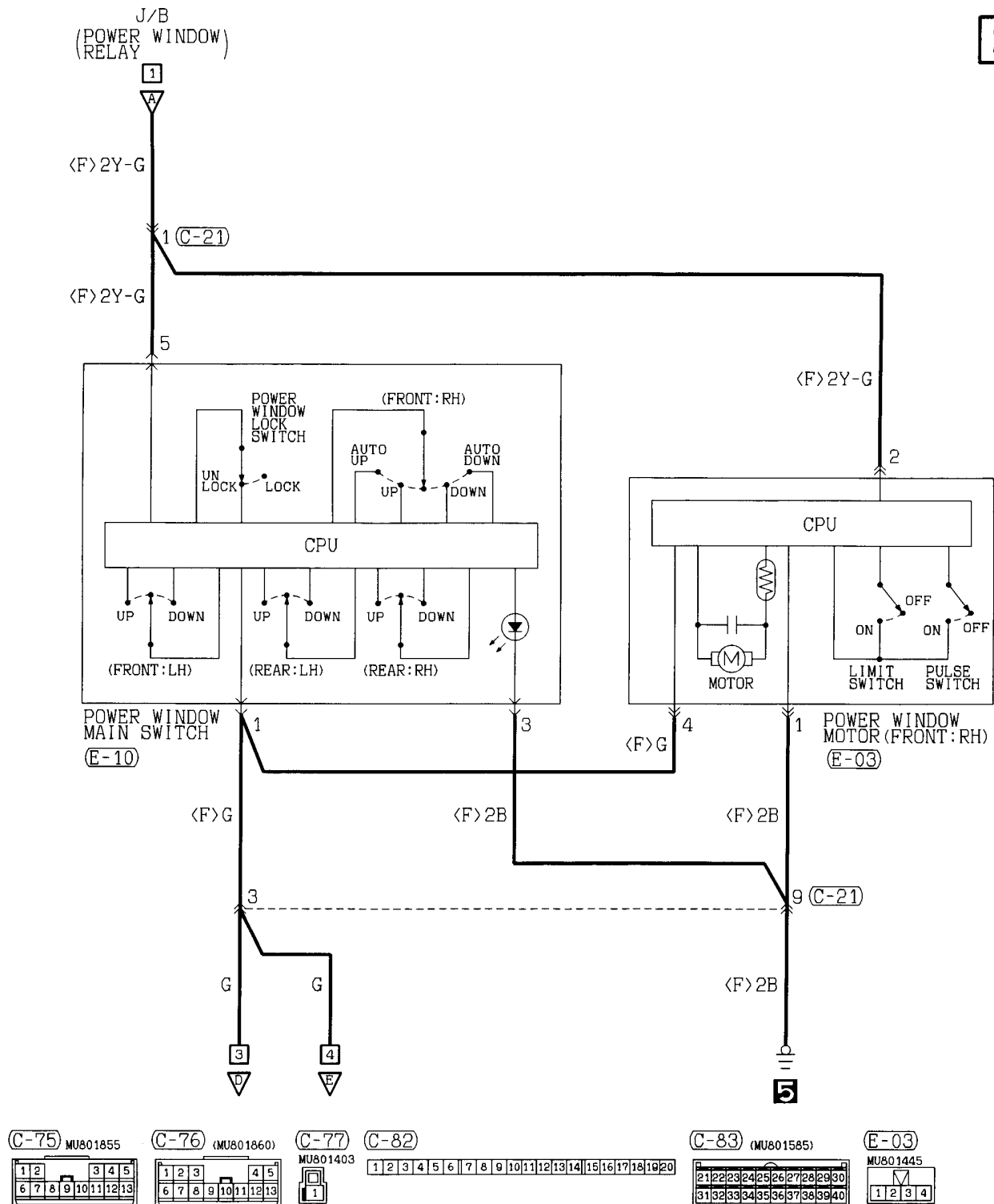
Wire colour code  
 B : Black LG: Light green G : Green L : Blue W : White Y : Yellow SB: Sky blue  
 BR: Brown O : Orange GR: Gray R : Red P : Pink V : Violet

**R.H. drive vehicles <5-door models>**





2



Wire colour code

B : Black LG : Light green

G : Green GR : Gray

L : Blue R : Red

W : White P : Pink

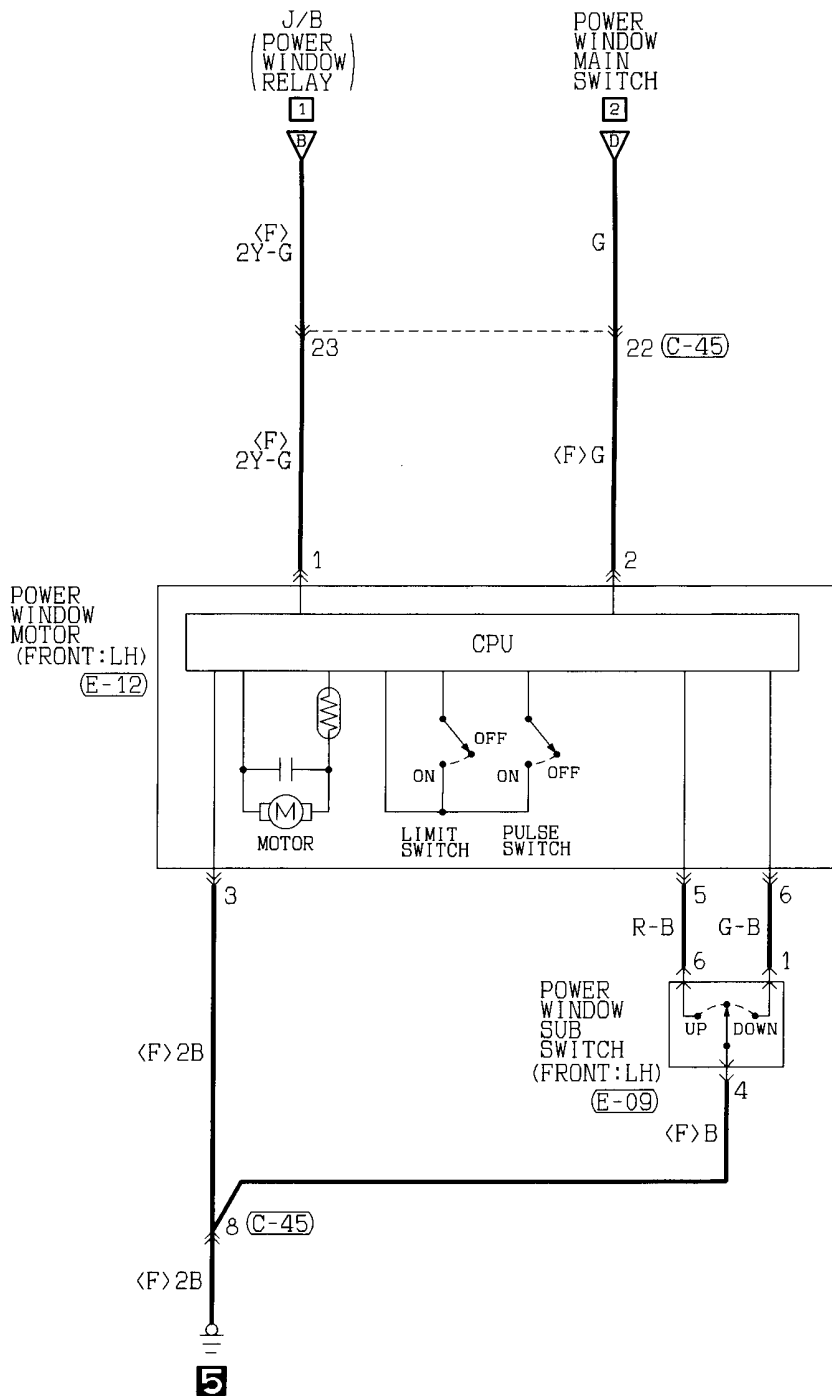
Y : Yellow V : Violet

SB : Sky blue

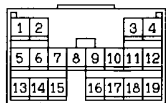
H3K11E03AB

POWER WINDOWS <R.H. drive vehicles (5-door models)> (CONTINUED)

3



(C-40)

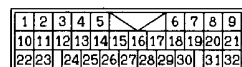


(C-41)

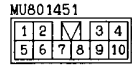


MU801847

(C-45)

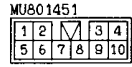


(D-09)



MU801451

(D-25)



MU801451

(E-09)



(E-12)



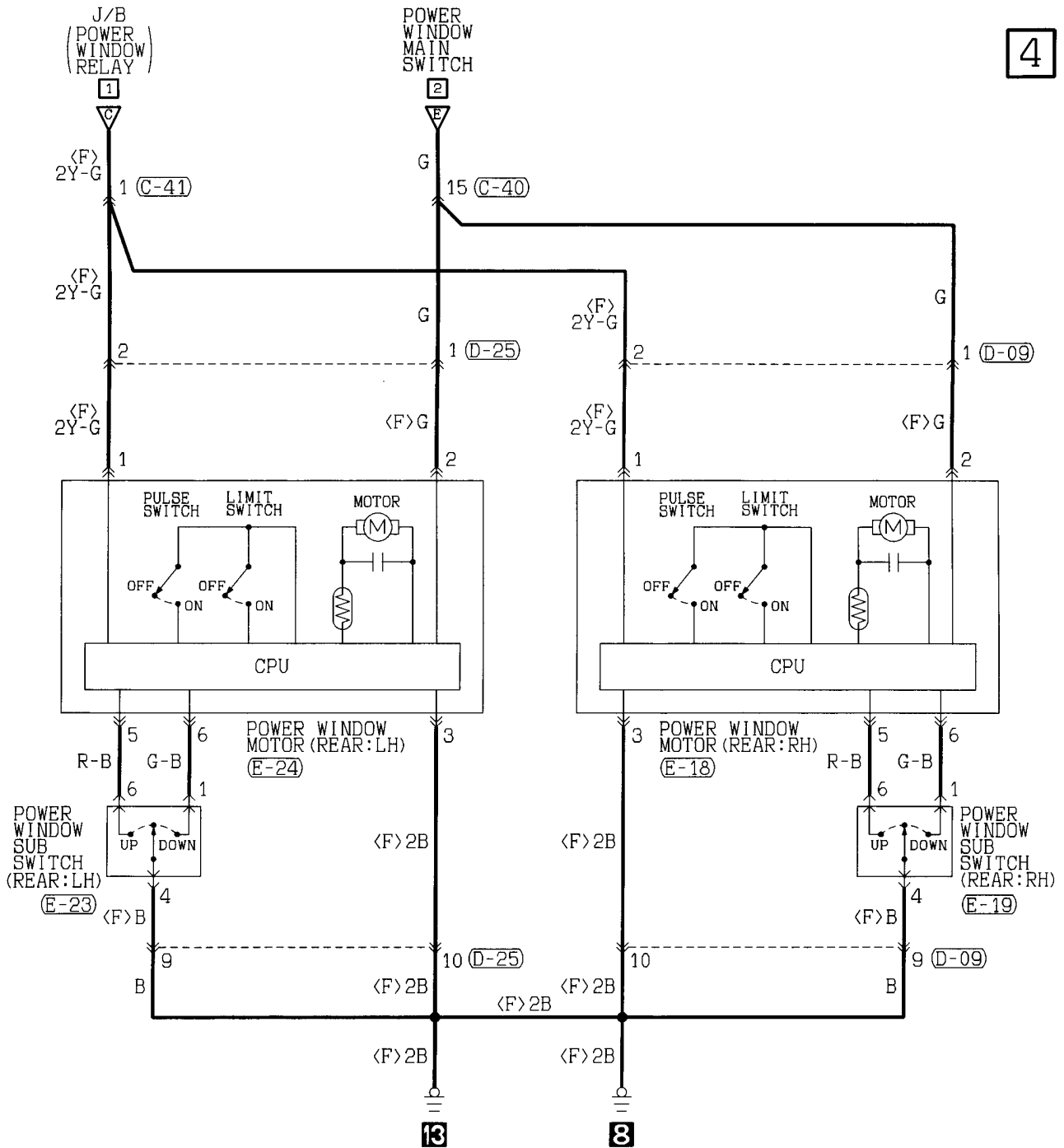
MU801447

(E-18)



MU801447

4



(E-19)

(E-23)

(E-24)



MU801447

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

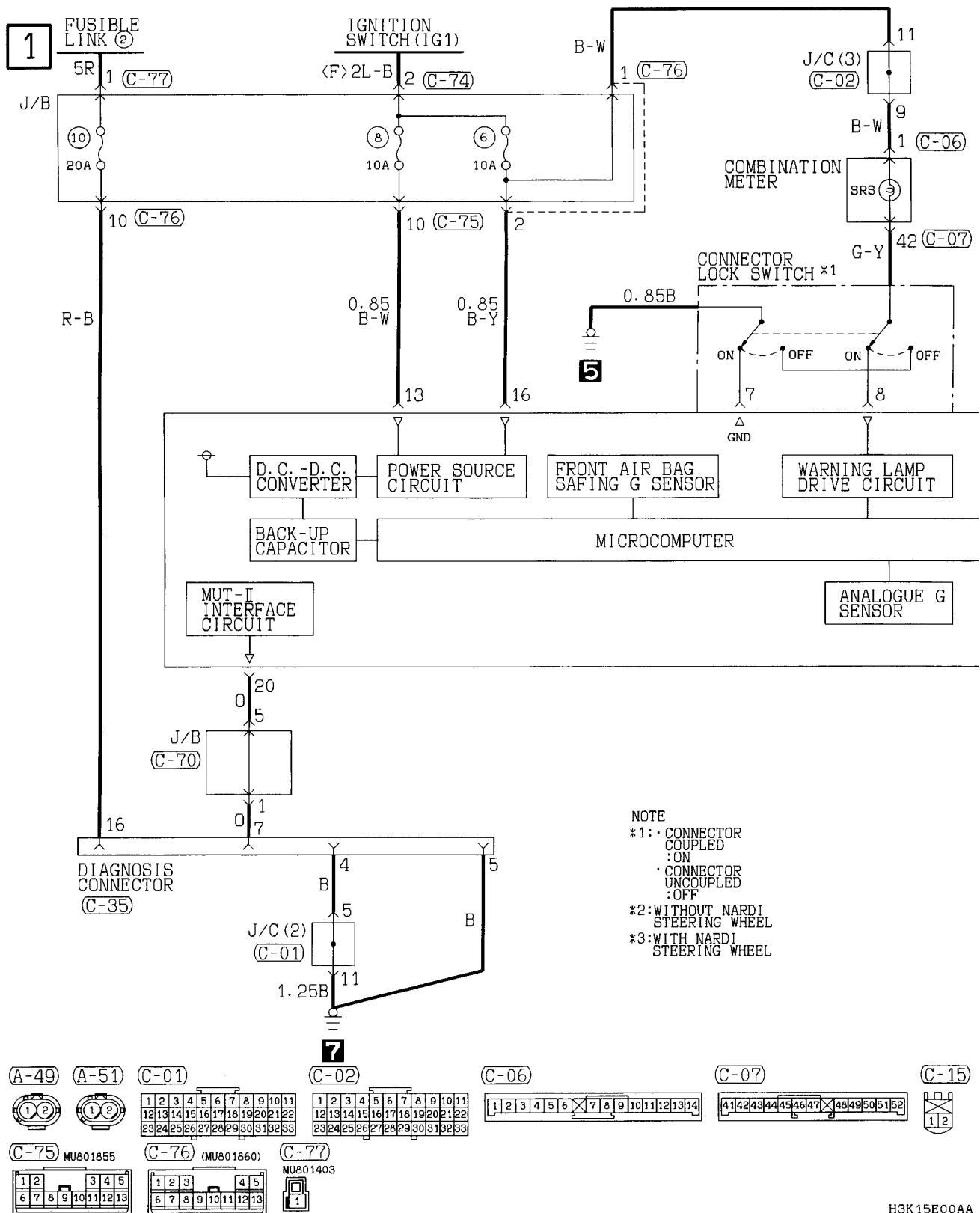
P : Pink

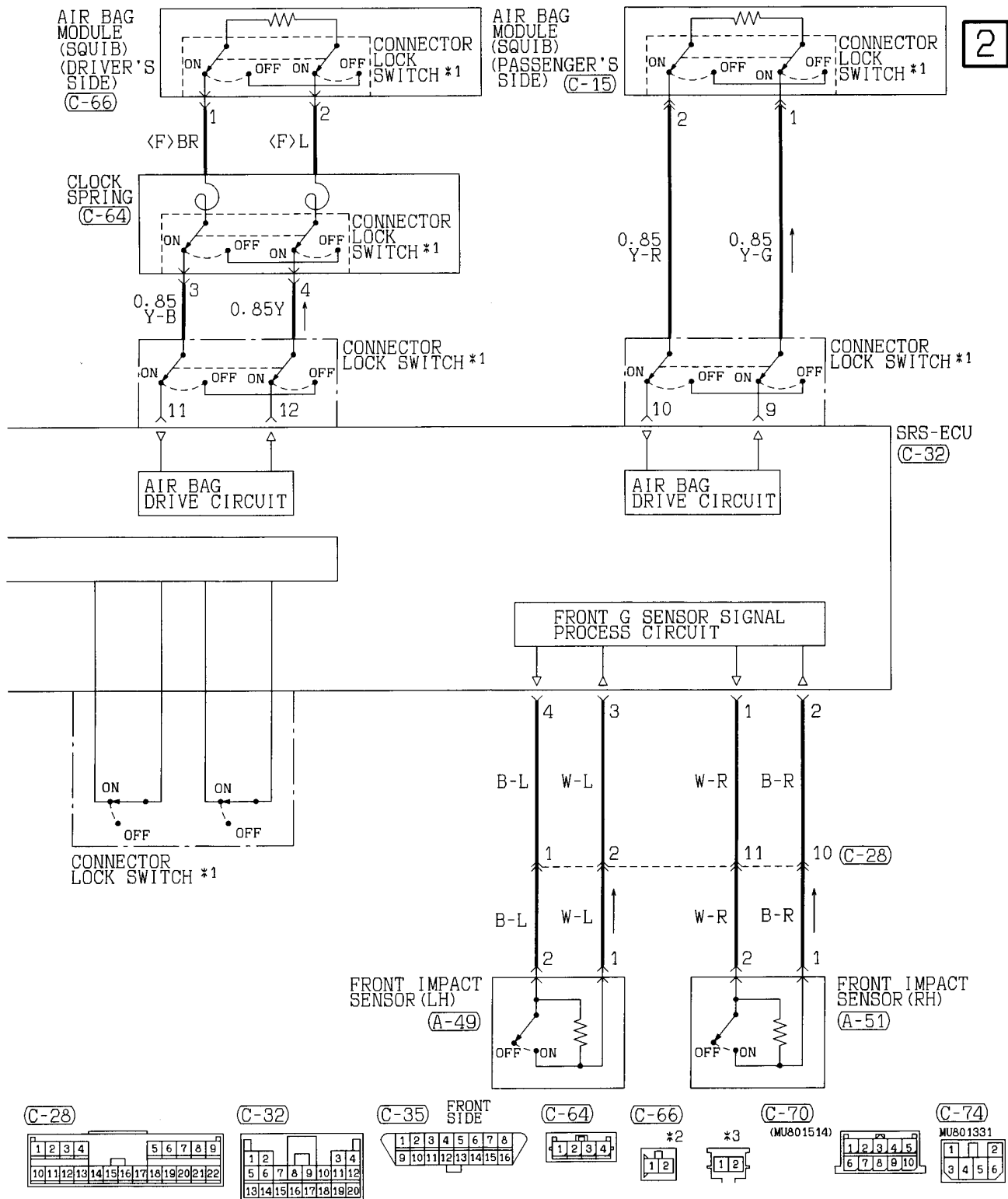
V : Violet

H3K11E03BB

## SRS

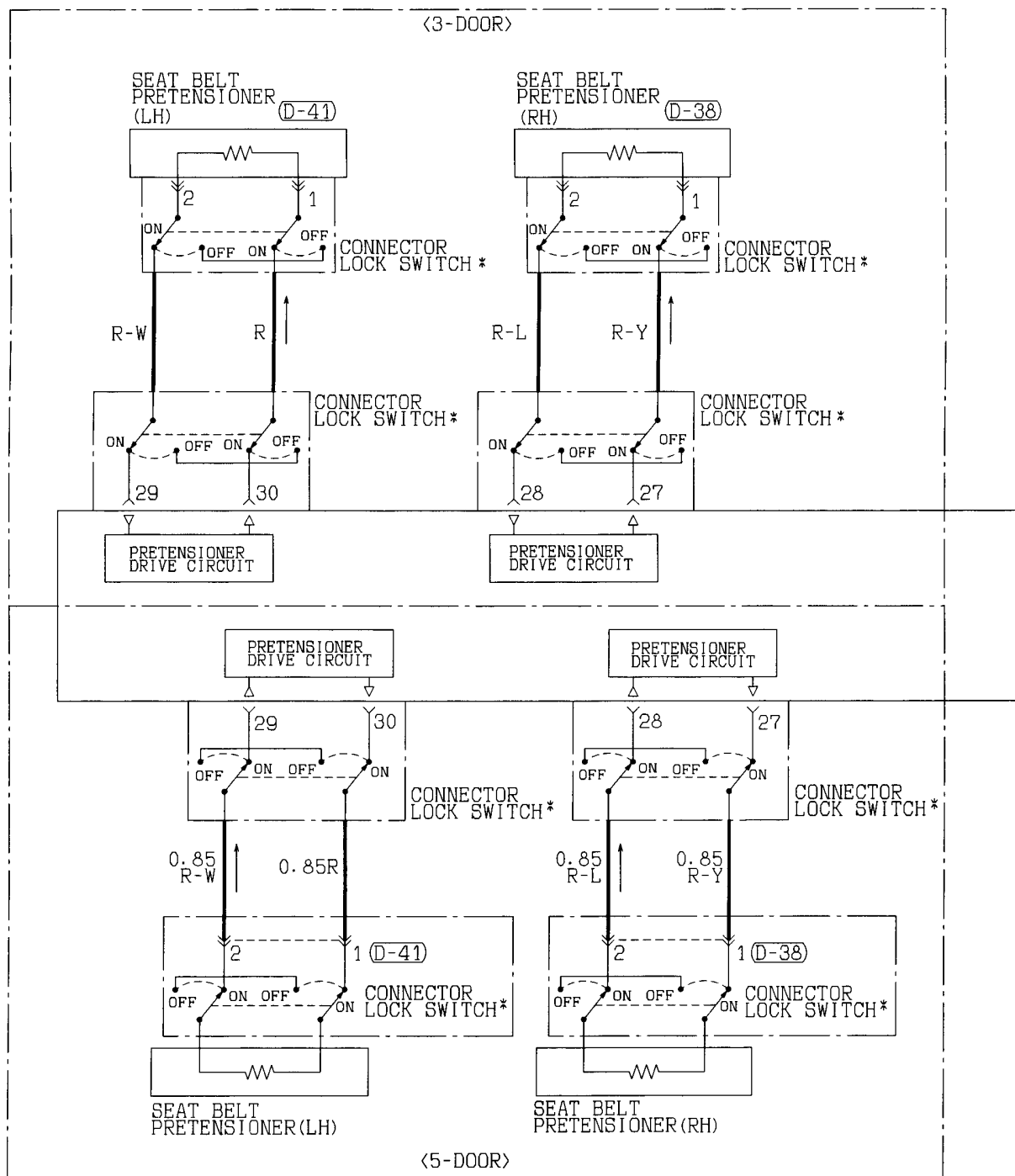
## L.H. drive vehicles





## SRS &lt;L.H. drive vehicles&gt; (CONTINUED)

3



D-01



D-10



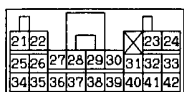
D-26



D-32



D-36



D-38



&lt;3-DOOR&gt; &lt;5-DOOR&gt;



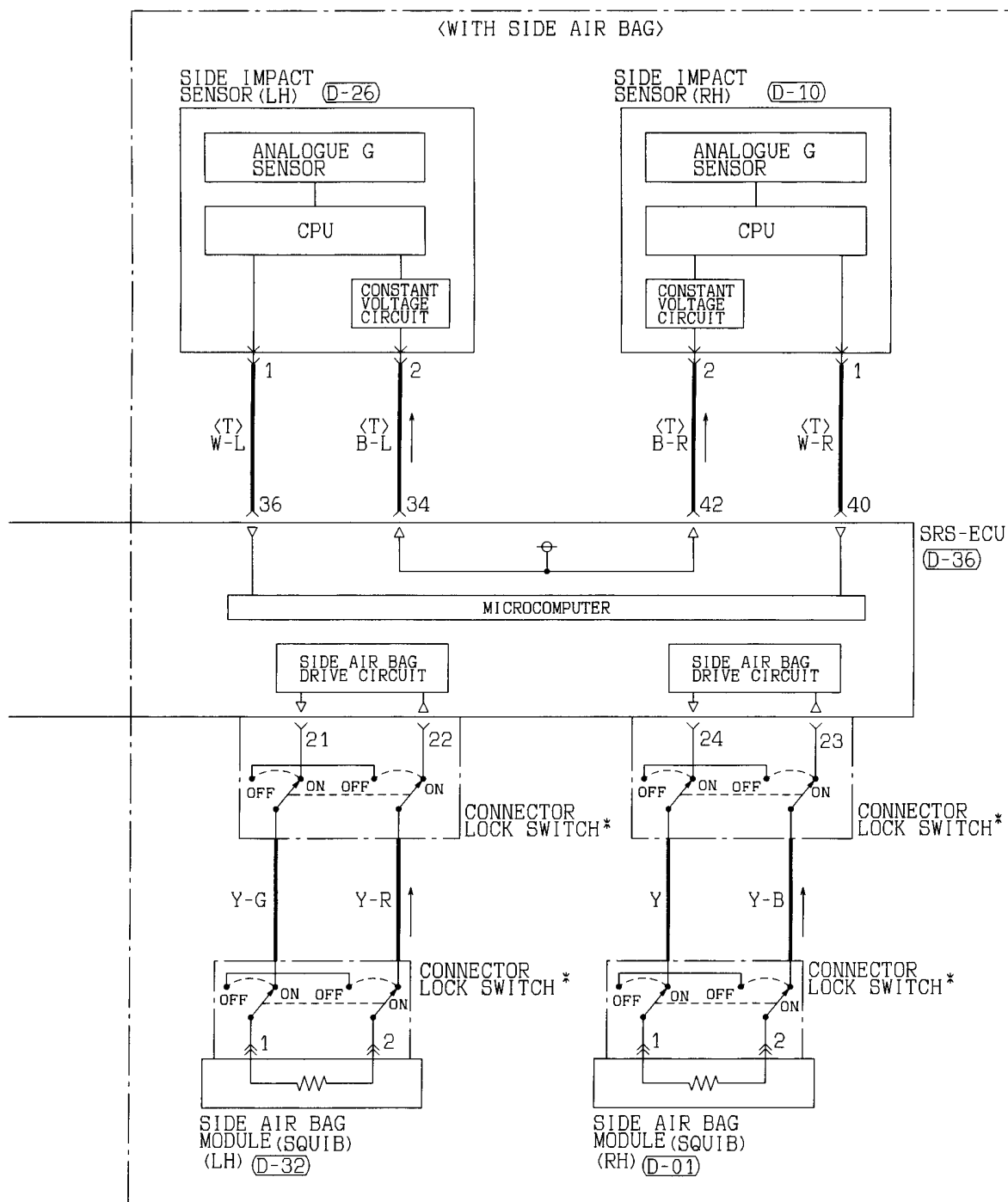
D-41



&lt;3-DOOR&gt; &lt;5-DOOR&gt;



4



NOTE

\*: CONNECTOR COUPLED : ON

CONNECTOR UNCOUPLED : OFF

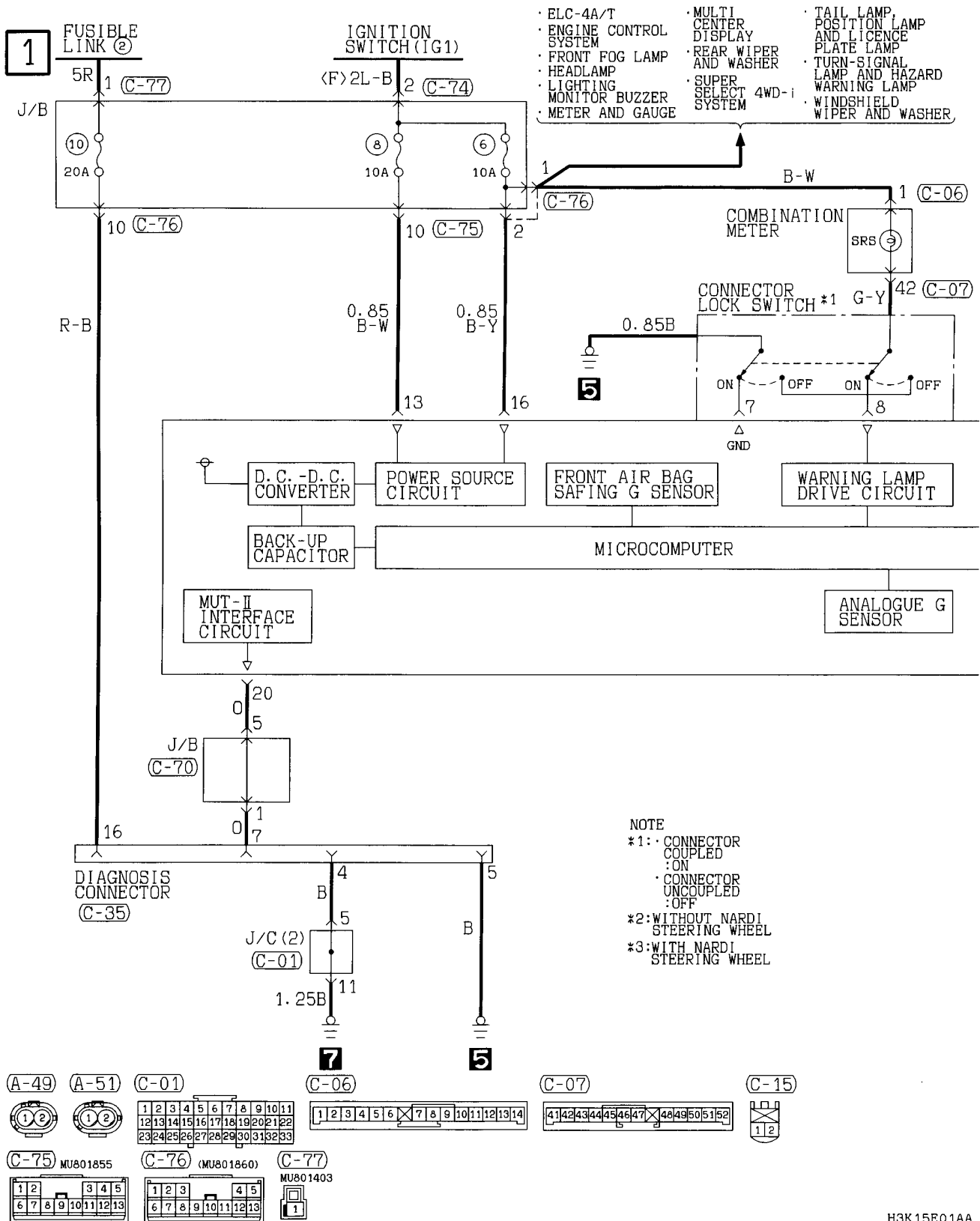
Wire colour code

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	

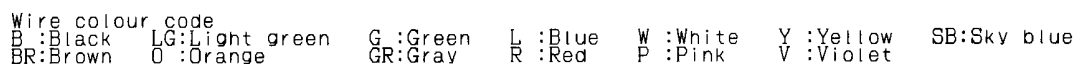
H3K15E00BB

## SRS

## R.H. drive vehicles

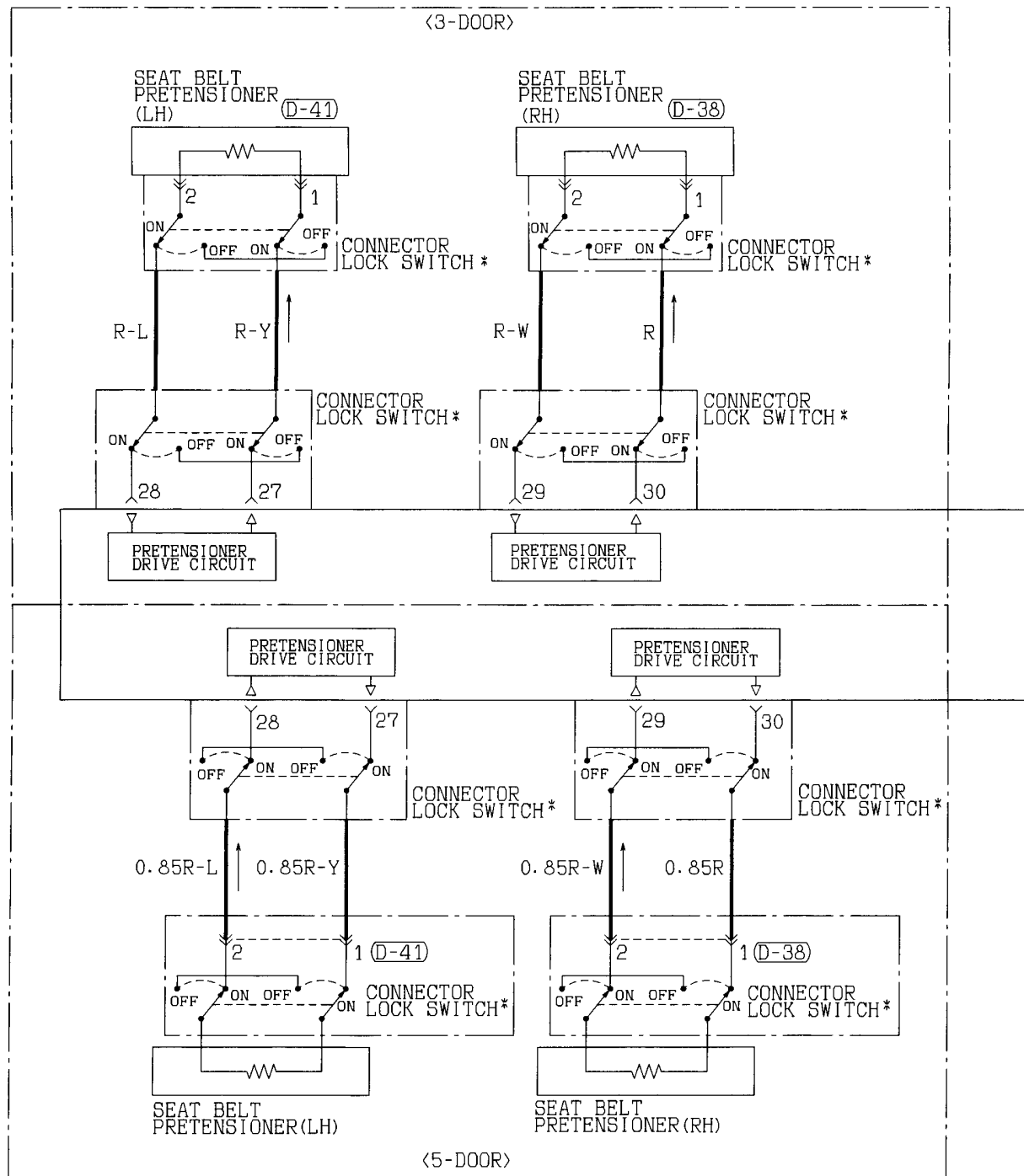






## SRS &lt;R.H. drive vehicles&gt; (CONTINUED)

3



(D-01)



(D-10)



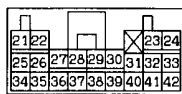
(D-26)



(D-32)



(D-36)



(D-38)



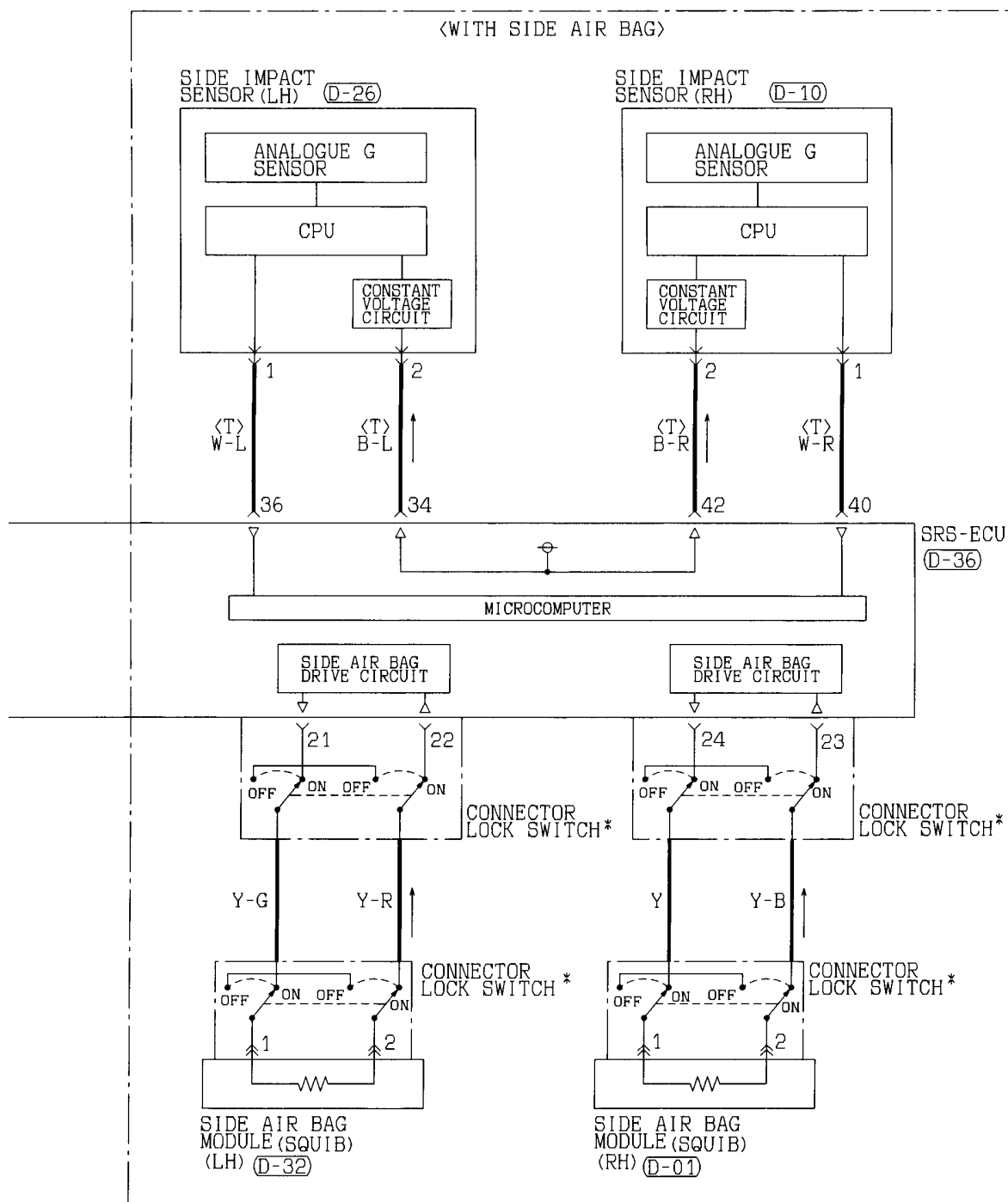
(D-41)



&lt;3-DOOR&gt; &lt;5-DOOR&gt;

&lt;3-DOOR&gt; &lt;5-DOOR&gt;

4



NOTE

\*: CONNECTOR COUPLED : ON

CONNECTOR UNCOUPLED : OFF

Wire colour code

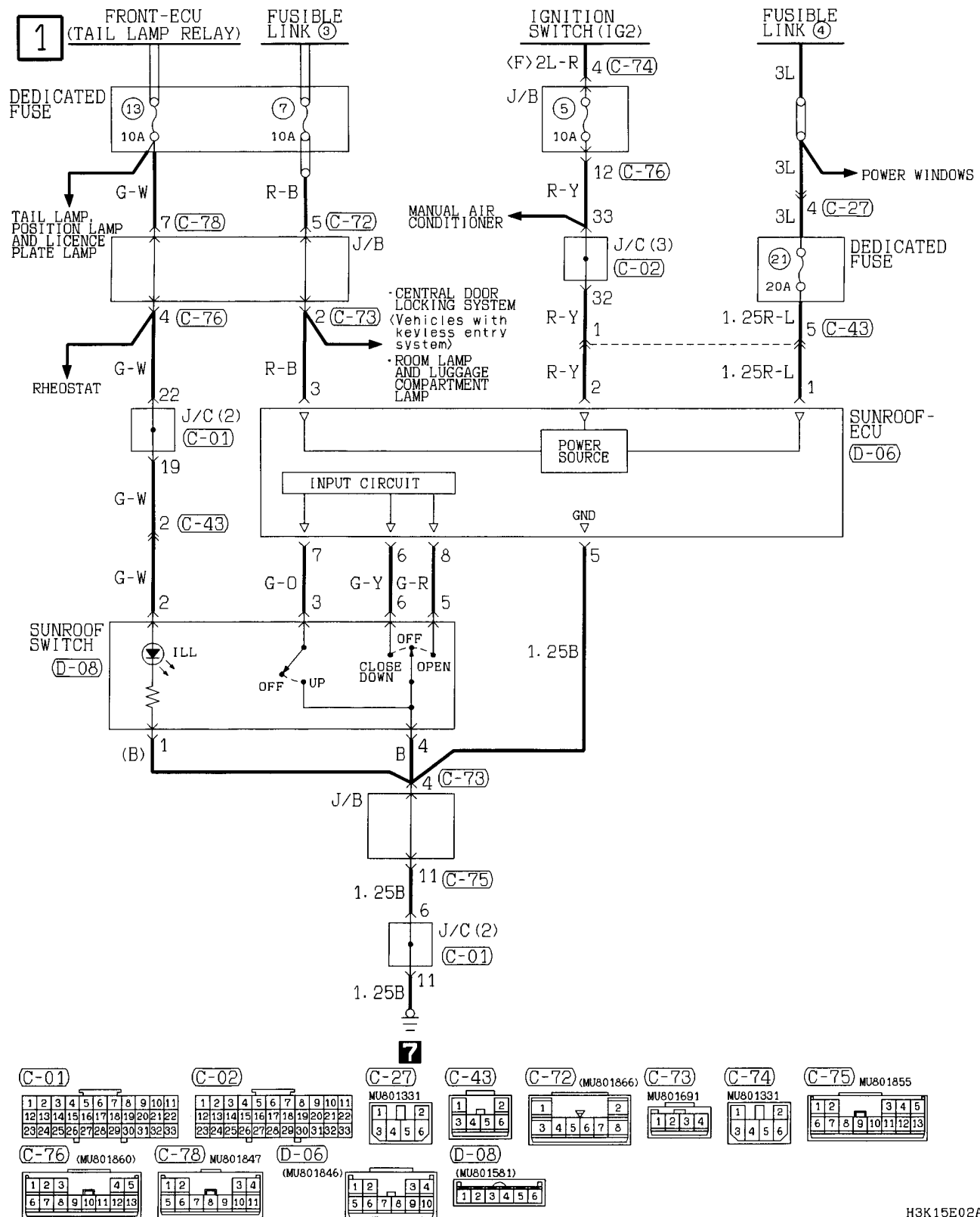
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue

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

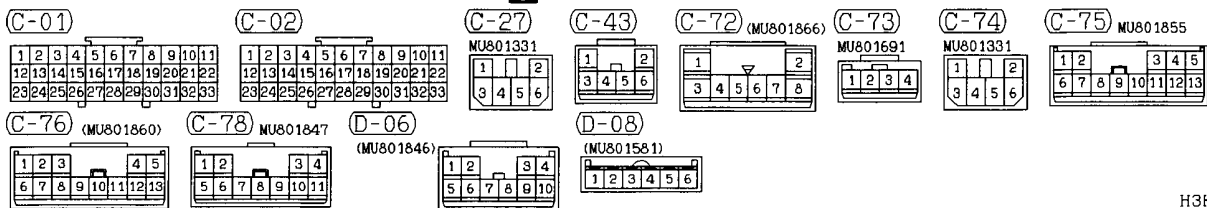
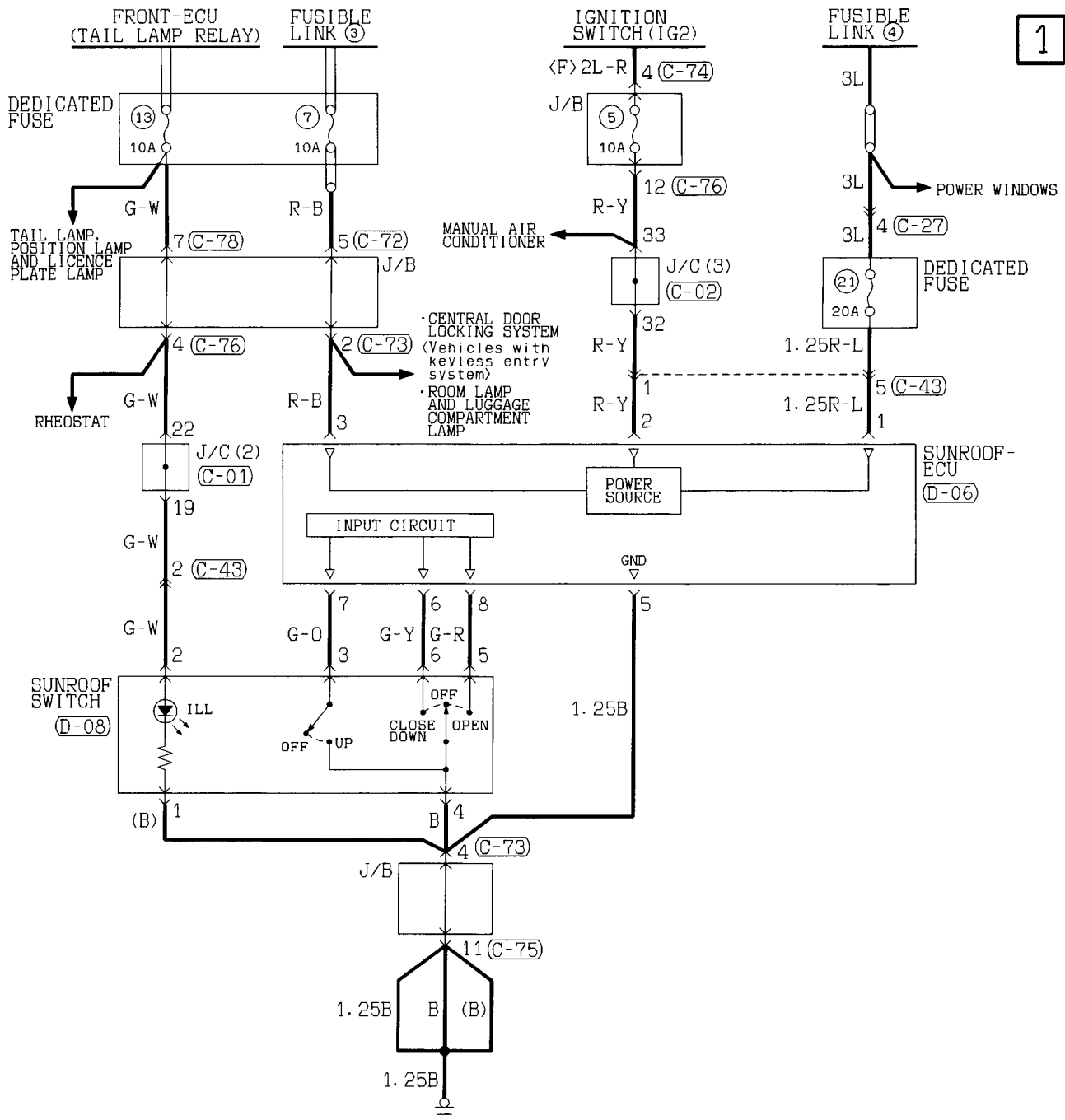
H3K15E01BB

## SUNROOF

L.H. drive vehicles

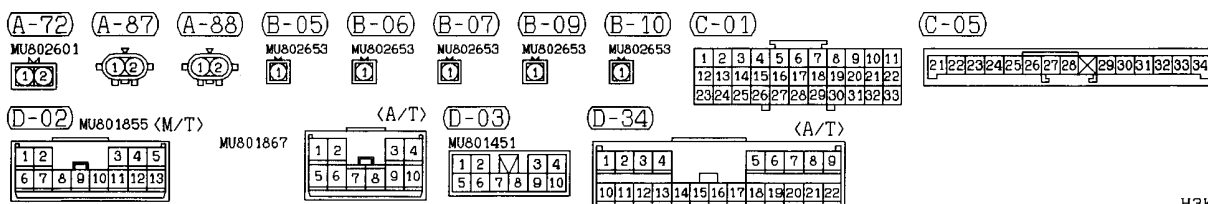
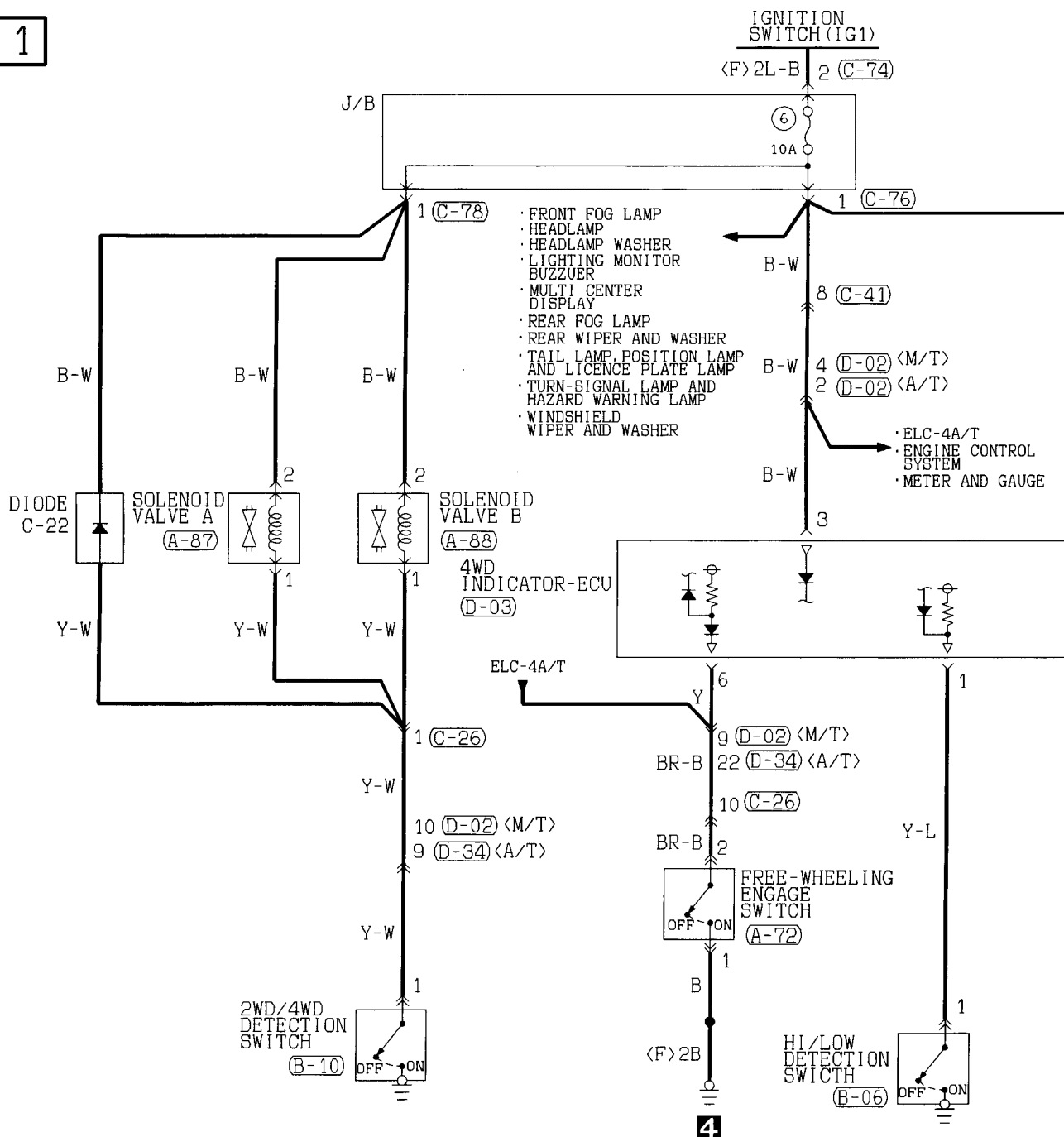


### R.H. drive vehicles

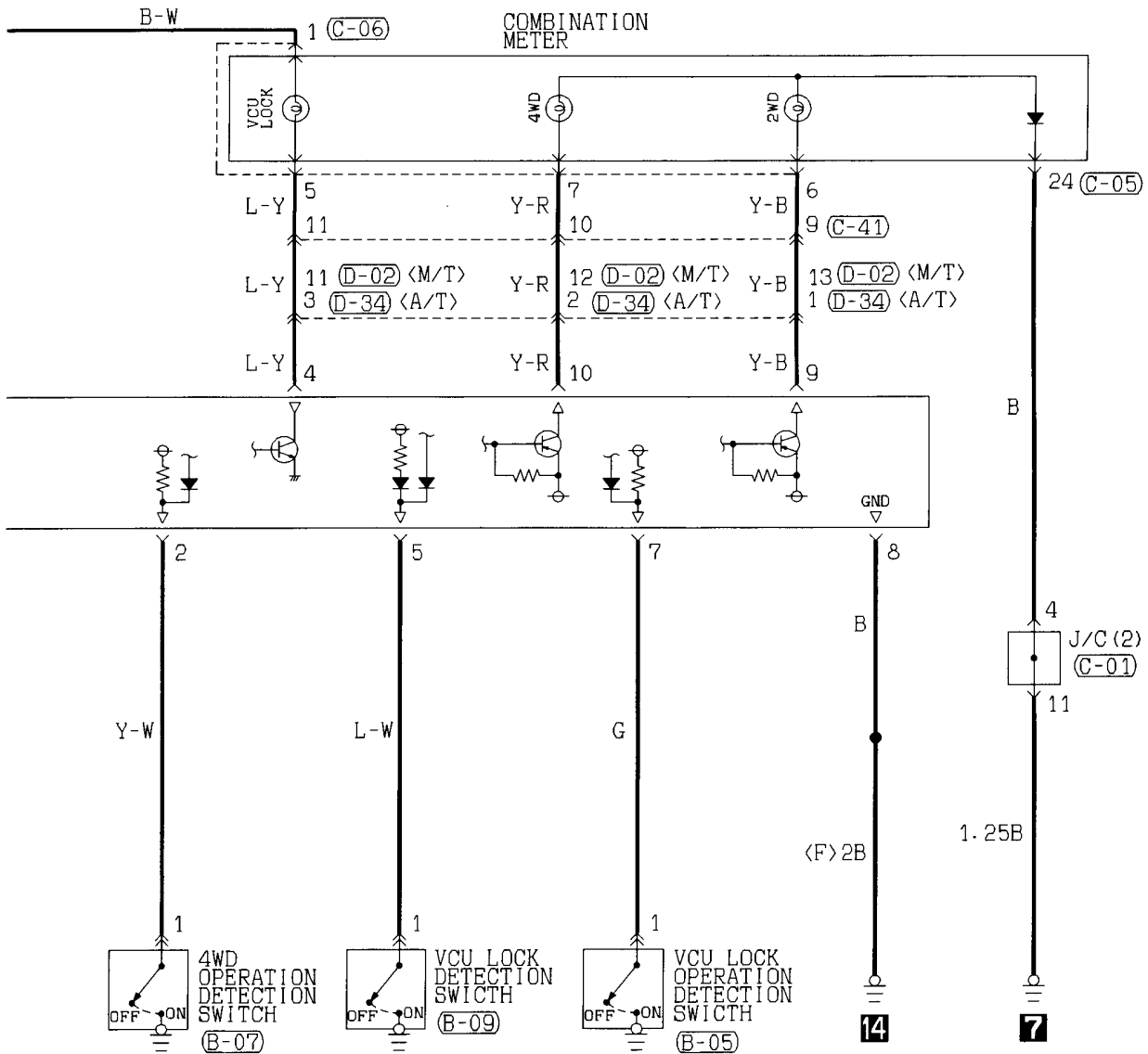


### R.H. drive vehicles

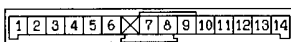
1



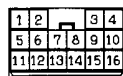
2



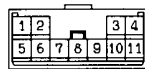
(C-06)



(C-26)



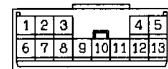
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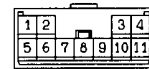
(C-74)



(C-76)



(C-78)



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

H3K15E06AB