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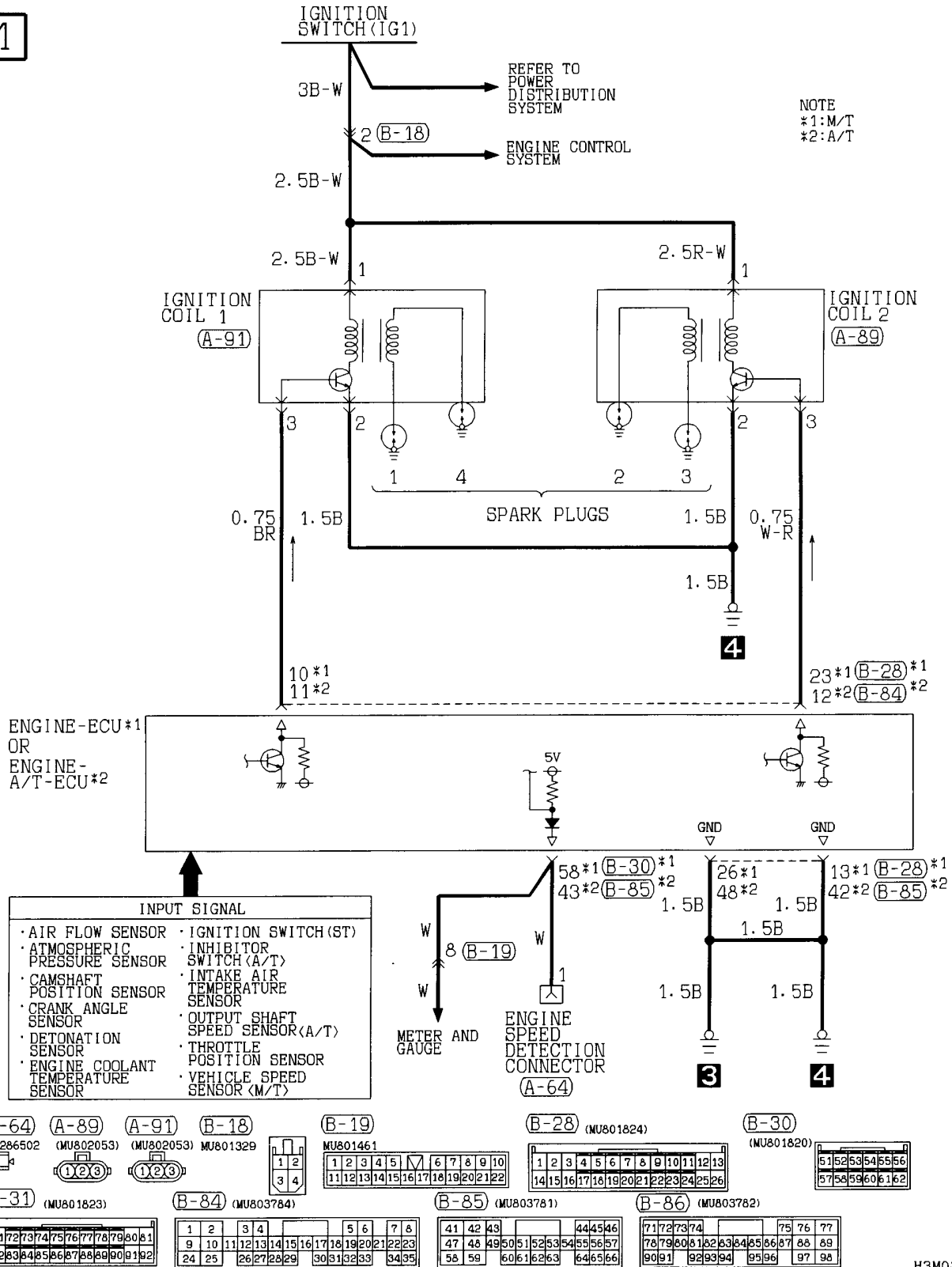
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IGNITION SYSTEM

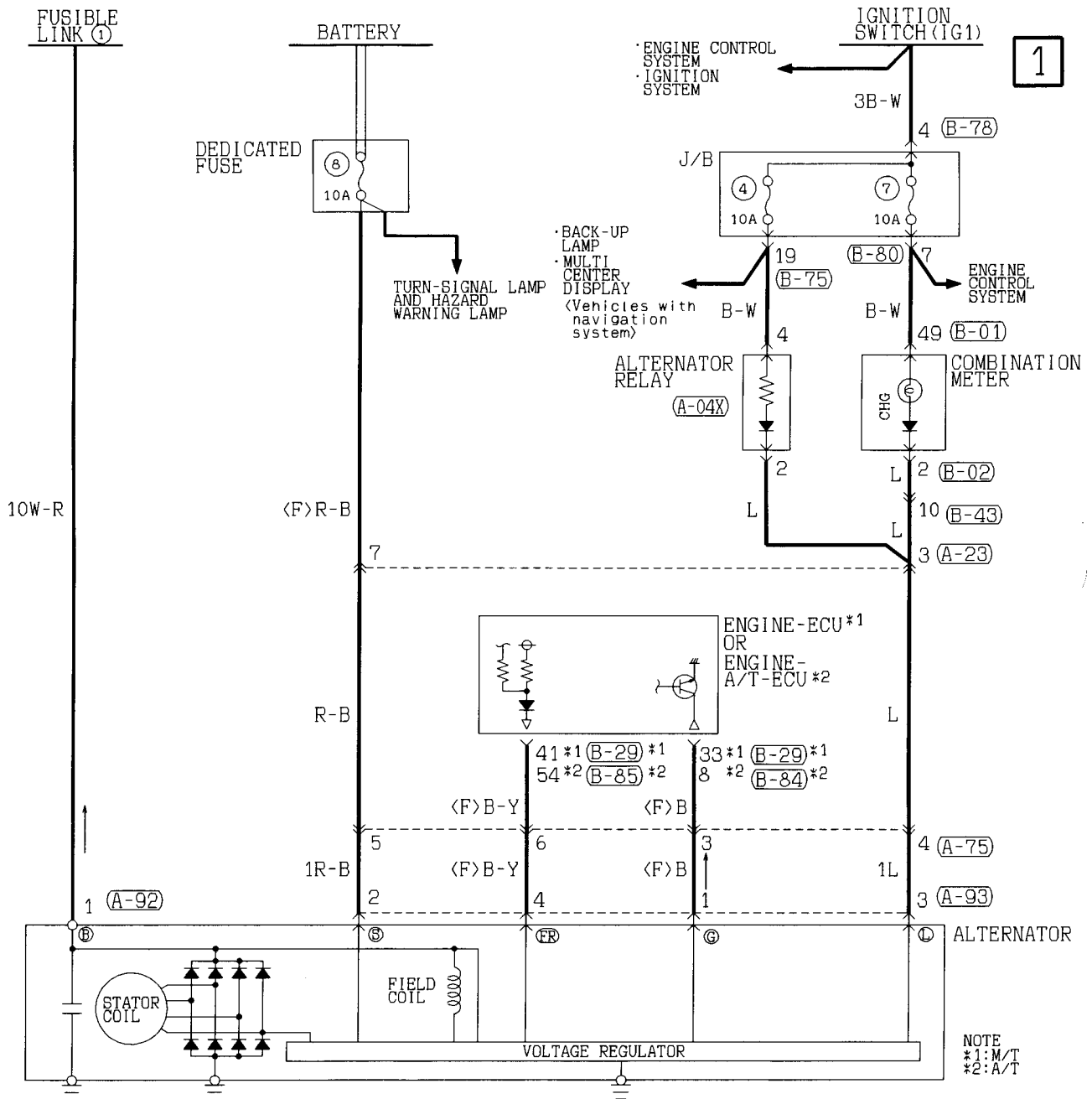
4G93 engine

1

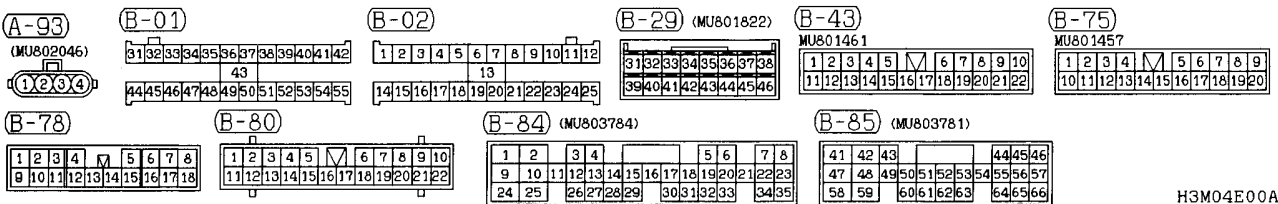


CHARGING SYSTEM

4G93 engine



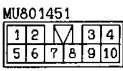
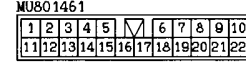
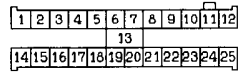
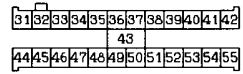
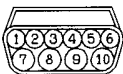
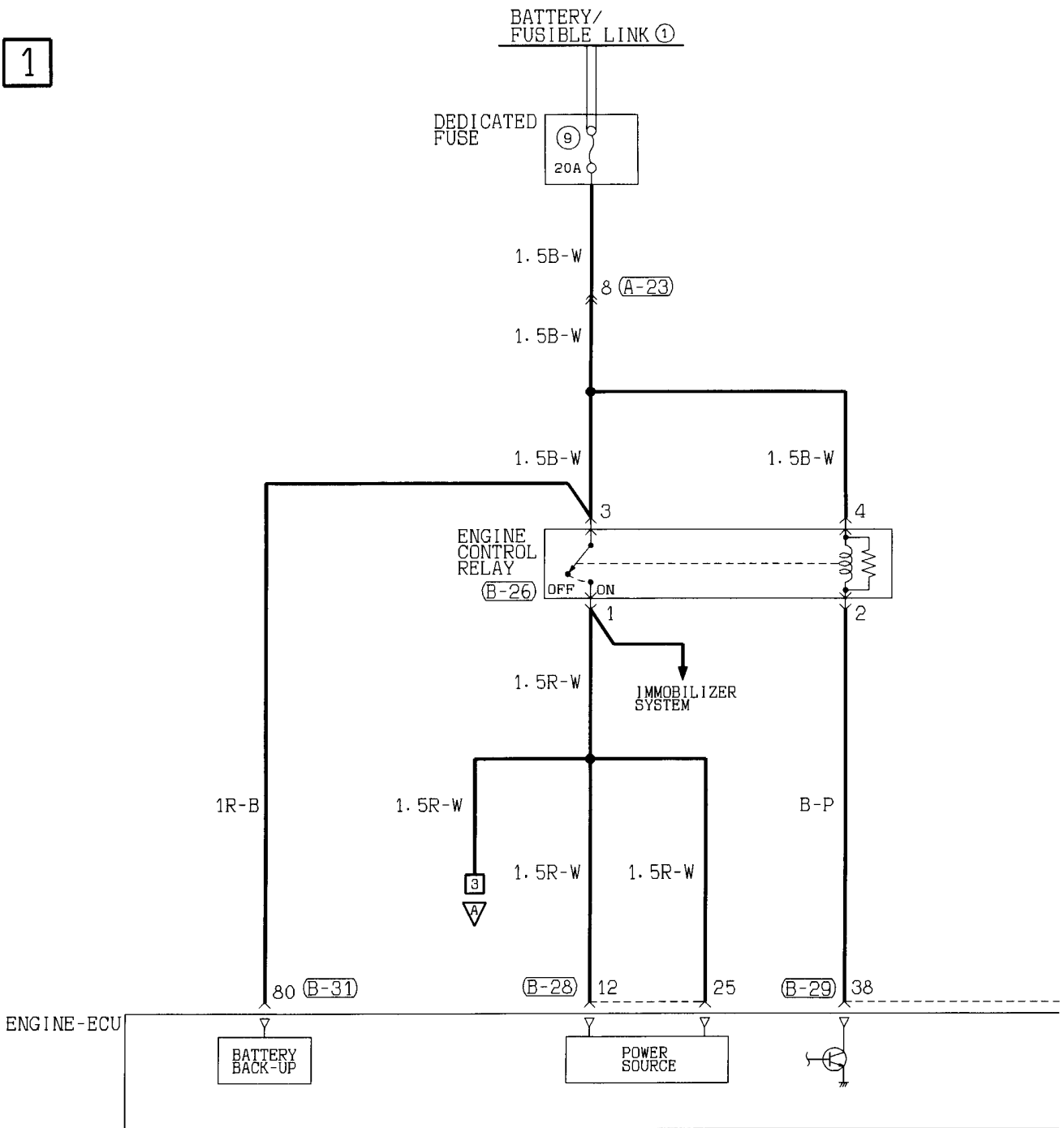
NOTE
*1: M/T
*2: A/T



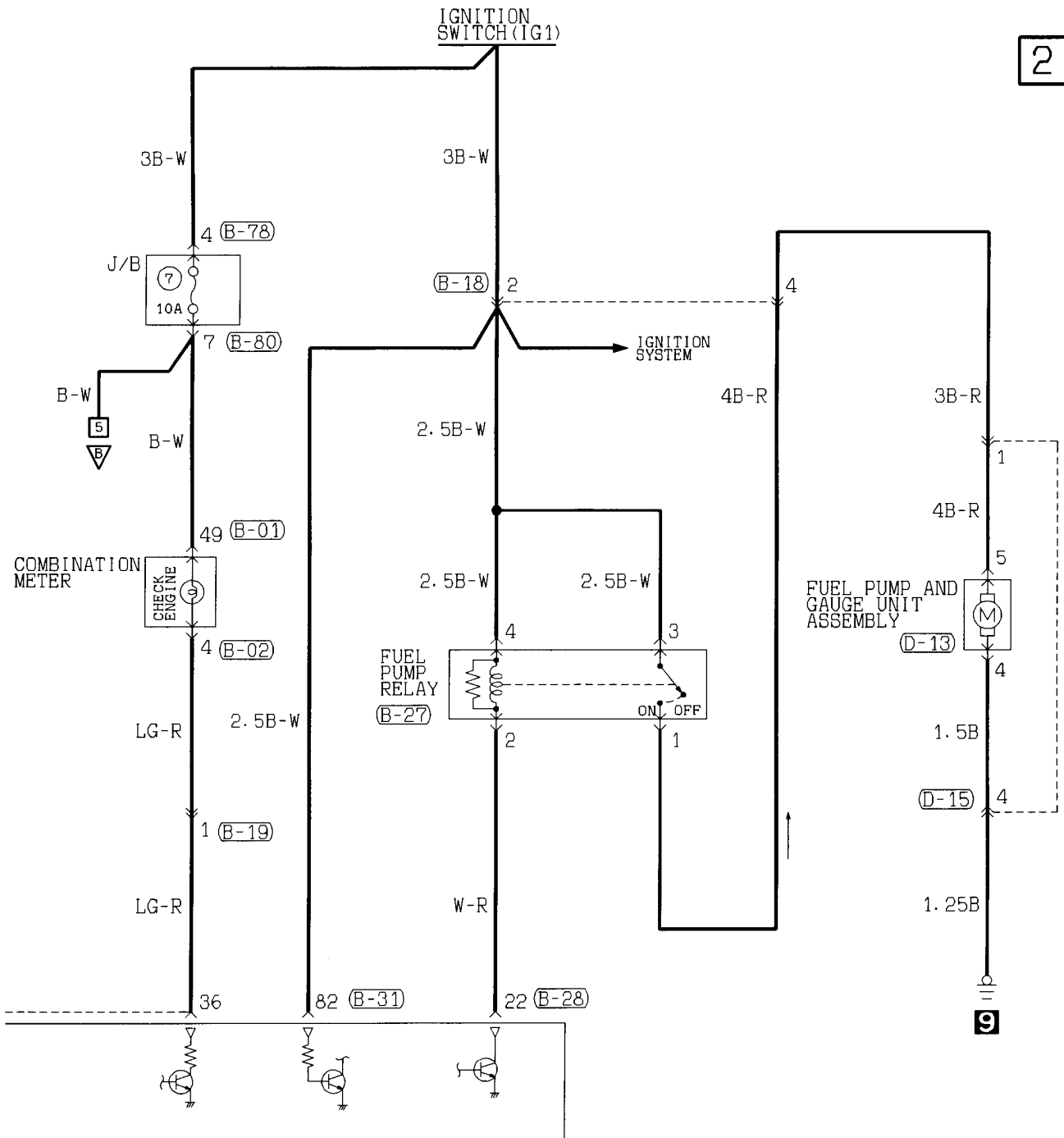
ENGINE CONTROL SYSTEM

4G93 engine-M/T

1



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-78)

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

(B-80)

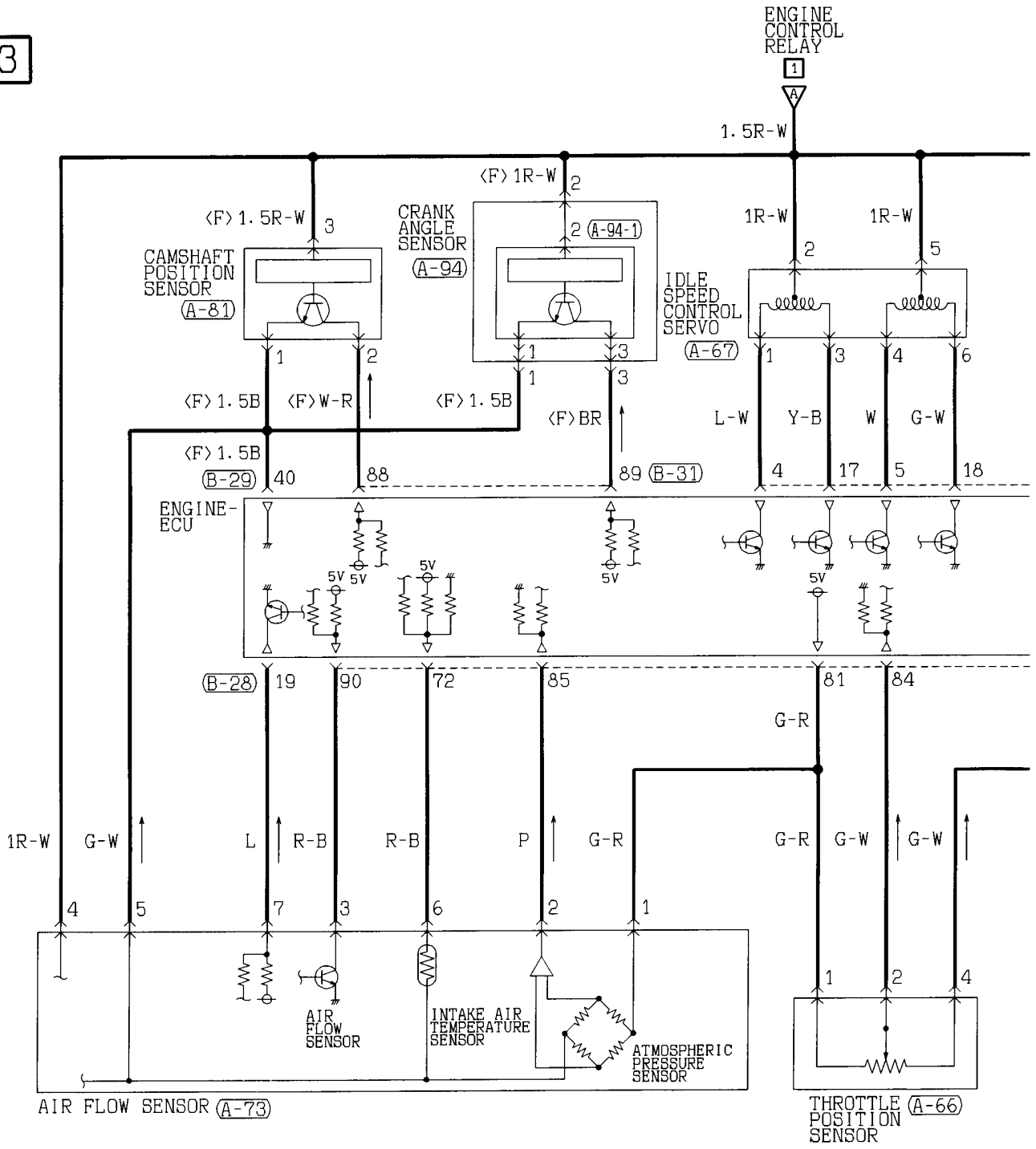
1	2	3	4	5	6	7	8	9	10		
11	12	13	14	15	16	17	18	19	20	21	22

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)


3





- A-48 (MU802047)



- A-49 (MU802047)



- A-54 (MU802047)



- A-55 (MU802605)



- A-58 (MU802779)



- A-60 (MU802047)



- A-61



- A-66 (MU802724)



- A-67


- A-73 (MU802552)

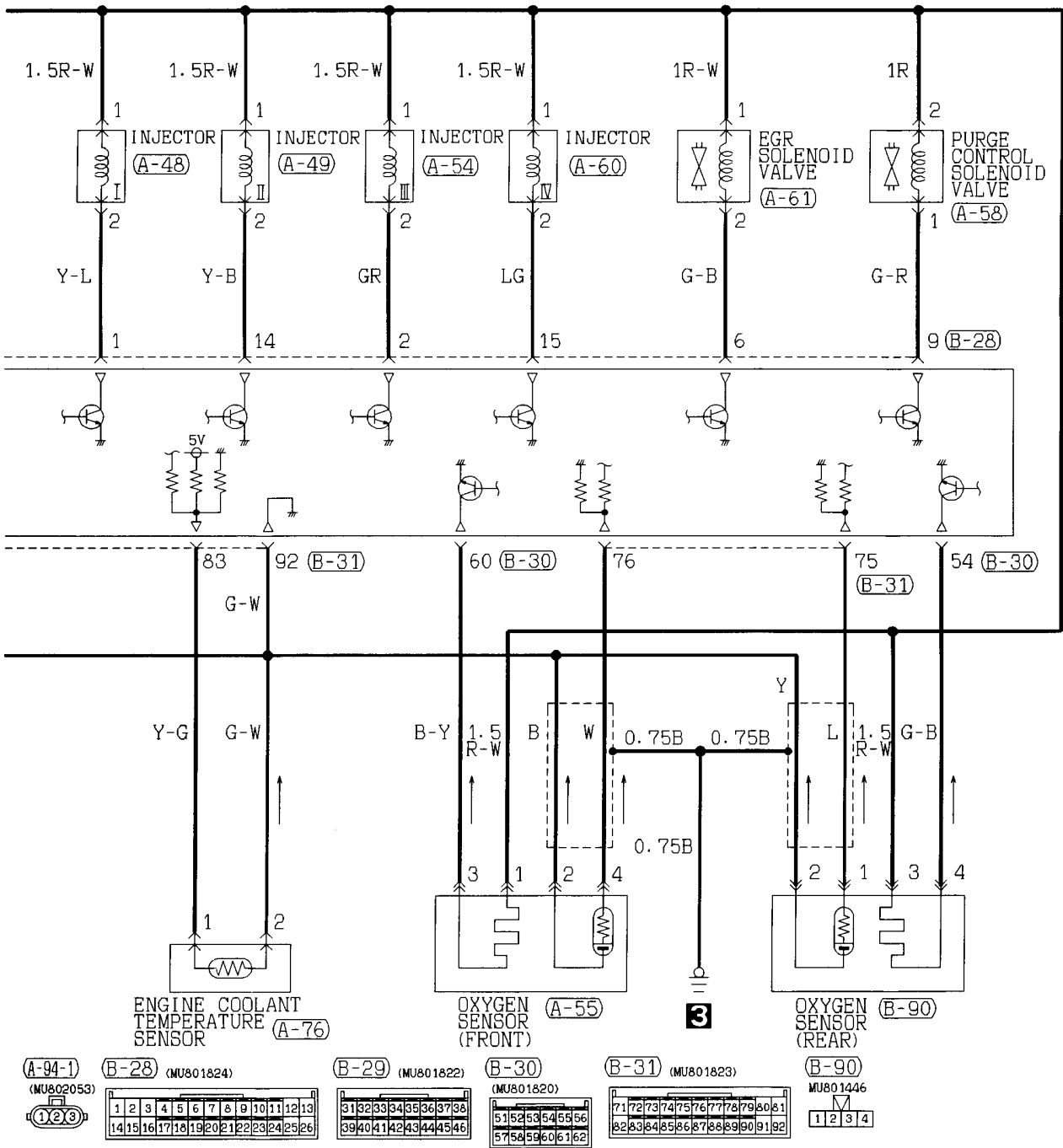

- A-76 (MU802406)


- A-81 (MU802337)


- A-94 (MU802053)



4



(A-94-1) (MU802053)

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-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)

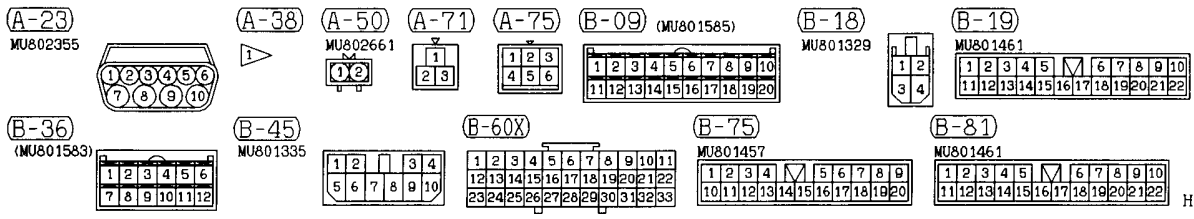
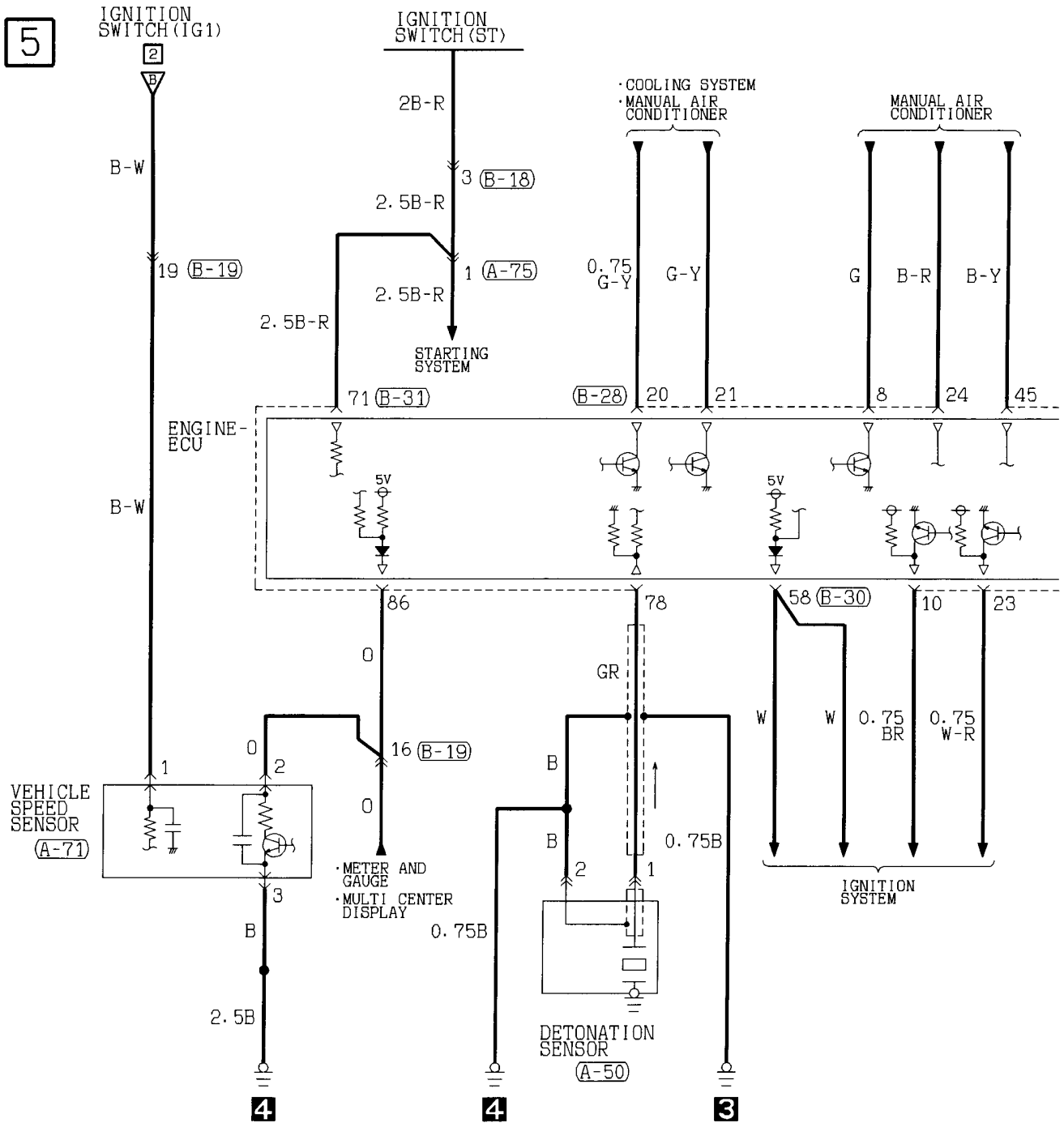
71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

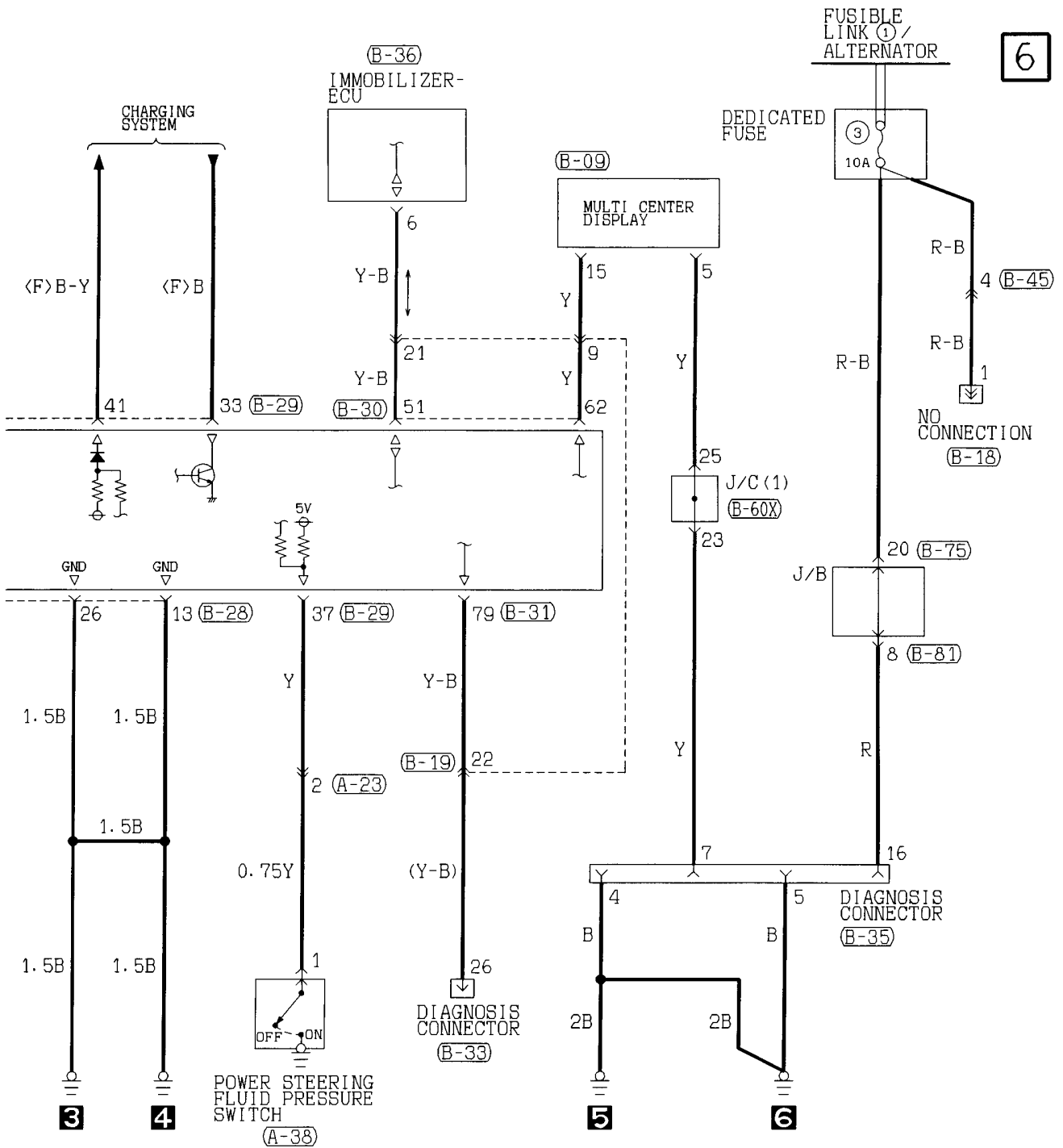
(B-90) (MU801446)

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)





(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

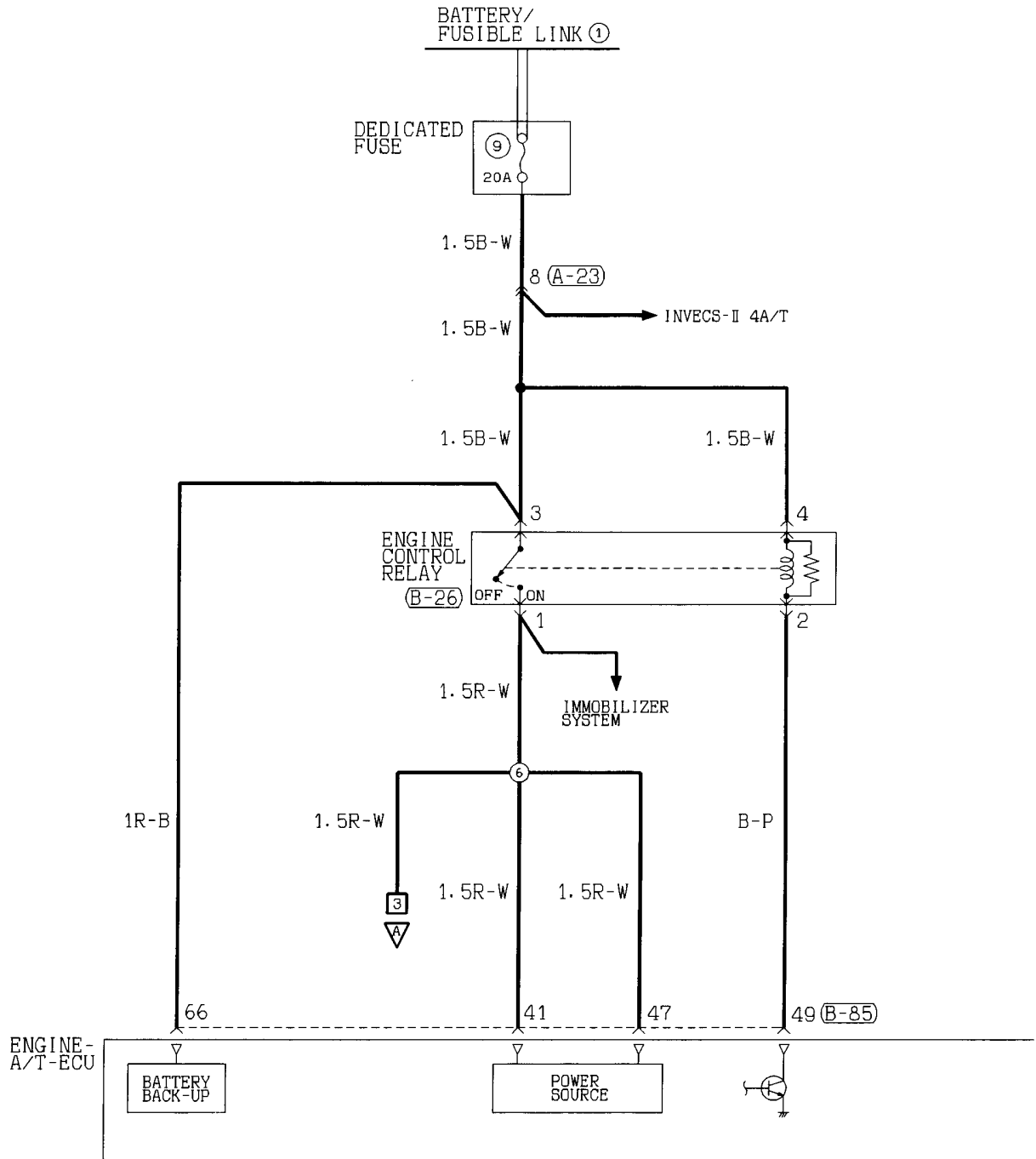
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

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

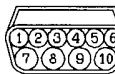
ENGINE CONTROL SYSTEM

4G93 engine-A/T

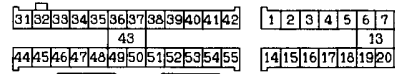
1



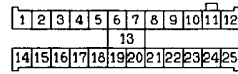
(A-23)
MU802355



(B-01)



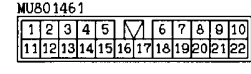
(B-02)



(B-18)
MU801329



(B-19)
MU801461



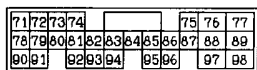
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(B-27)



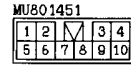
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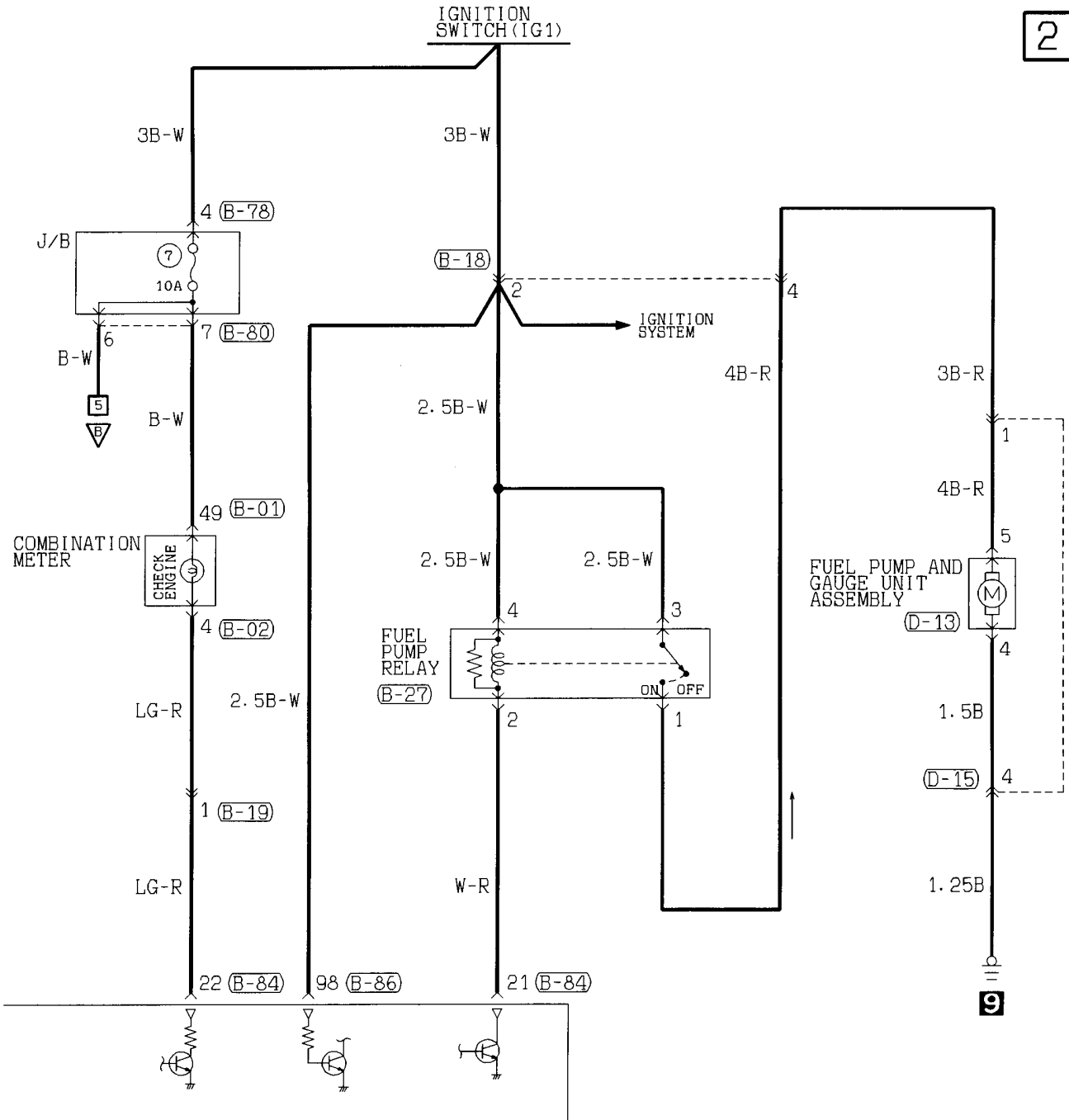
(D-13)
(MU802058)



(D-15)
MU801451



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-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)

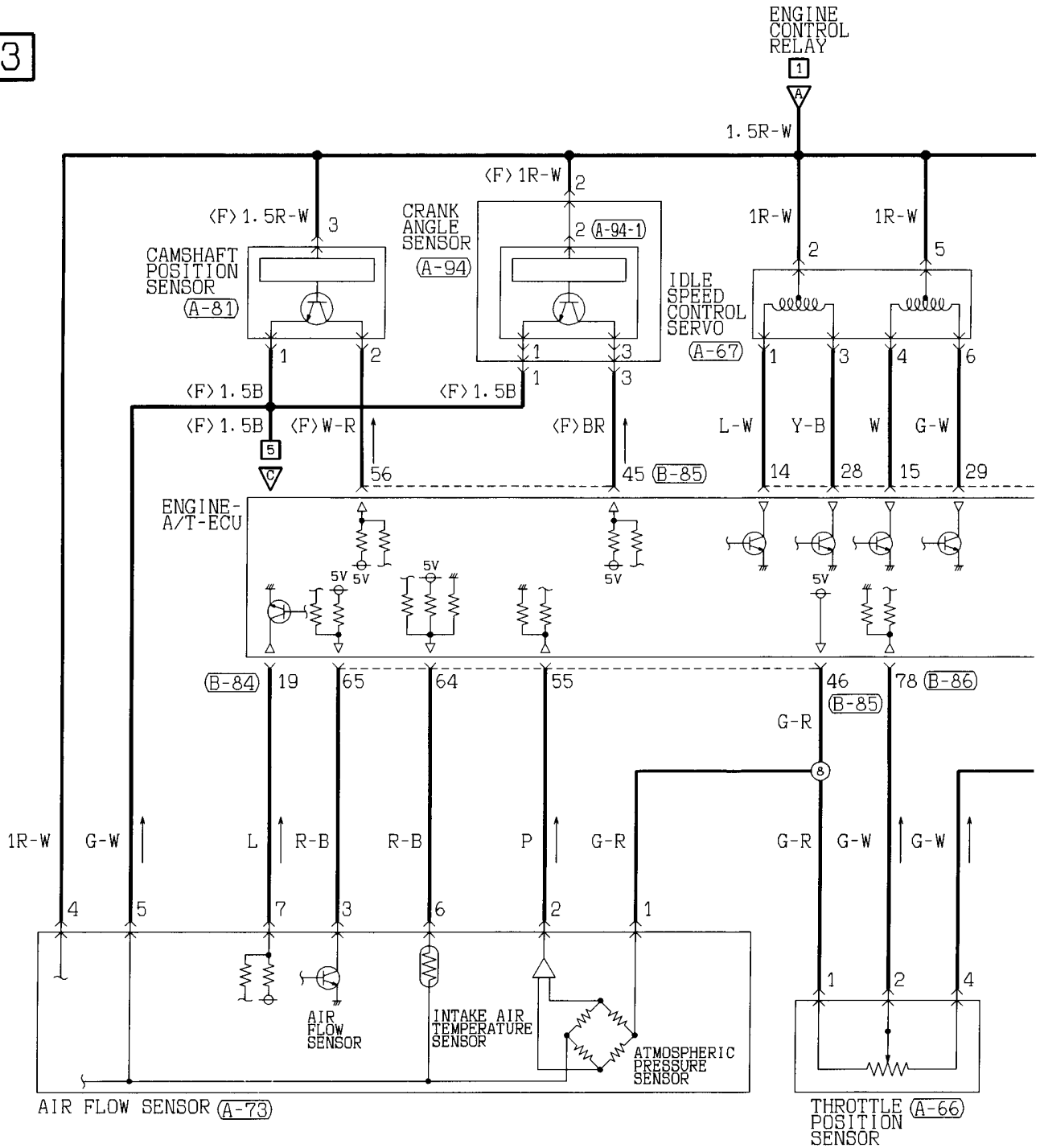
41	42	43	44	45	46					
47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66		

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

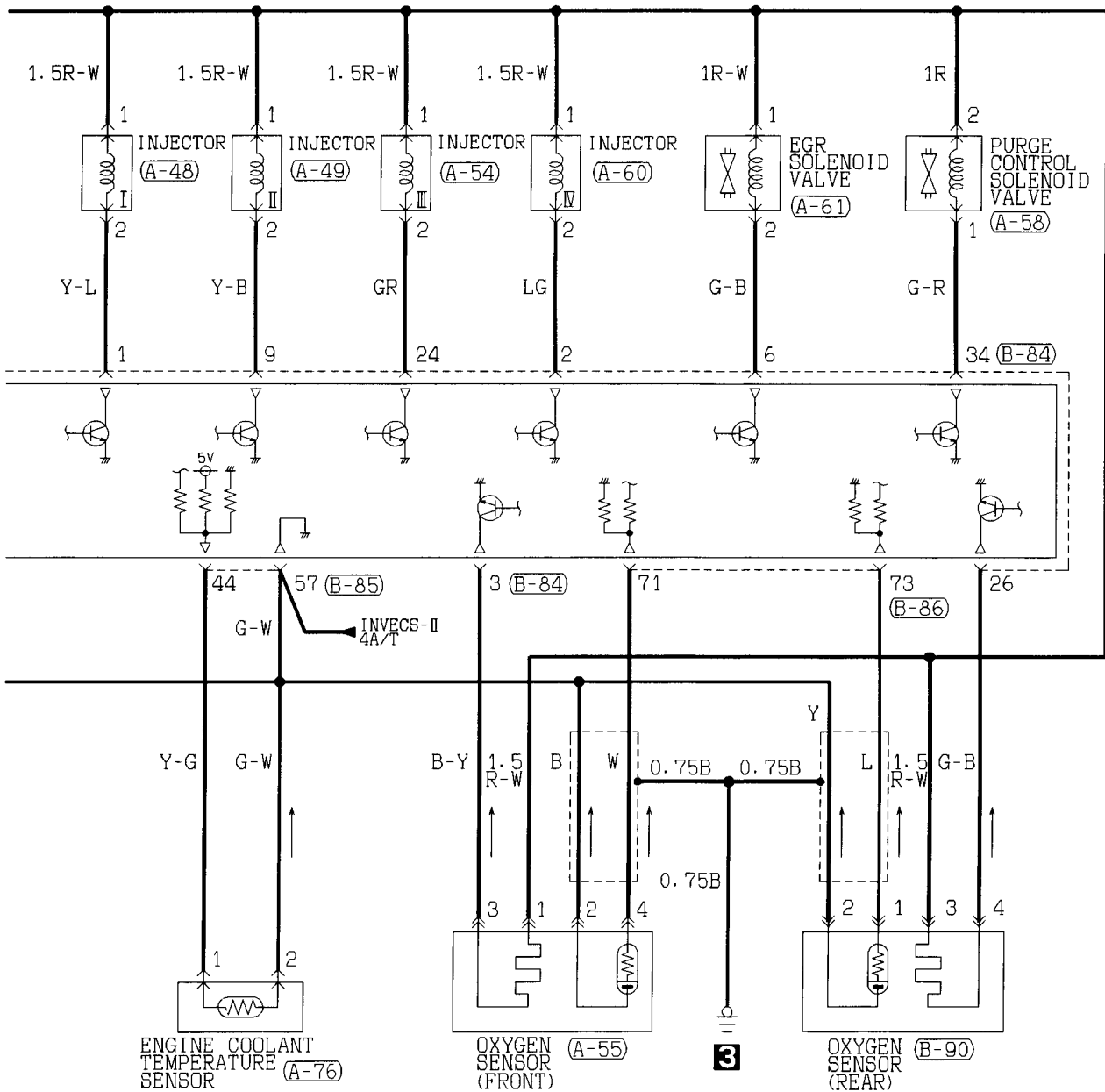
ENGINE CONTROL SYSTEM <4G93 engine-A/T> (CONTINUED)

3



- (A-48) (MU802047)
- (A-49) (MU802047)
- (A-54) (MU802047)
- (A-55) MU802605
- (A-58) MU802779
- (A-60) (MU802047)
- (A-61)
- (A-66) (MU802724)
- (A-67)
- (A-73) (MU802552)
- (A-76) (MU802406)
- (A-81) MU802337
- (A-94) (MU802053)

4



(A-94-1)
(MU802053)

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-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)

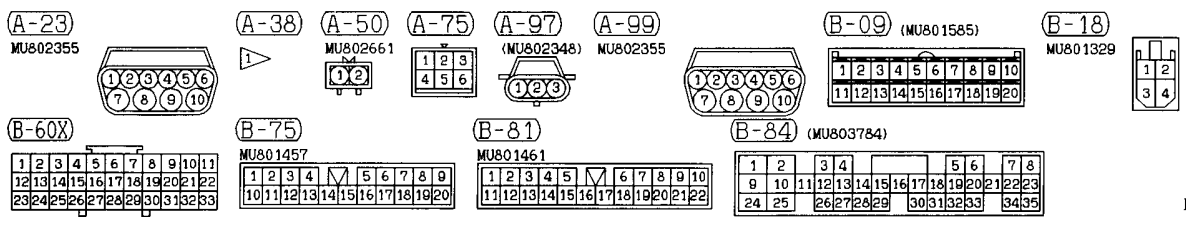
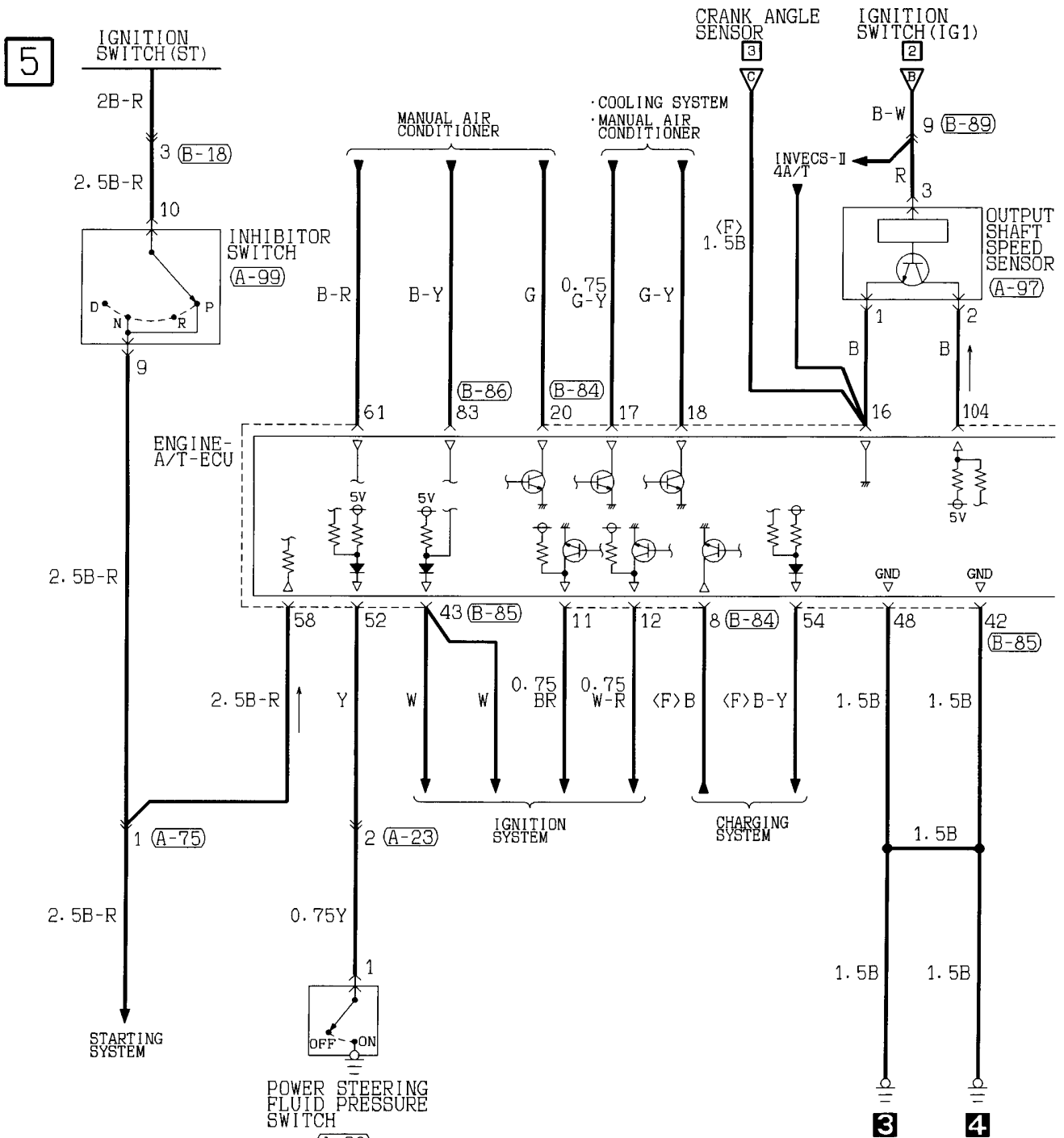
71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98

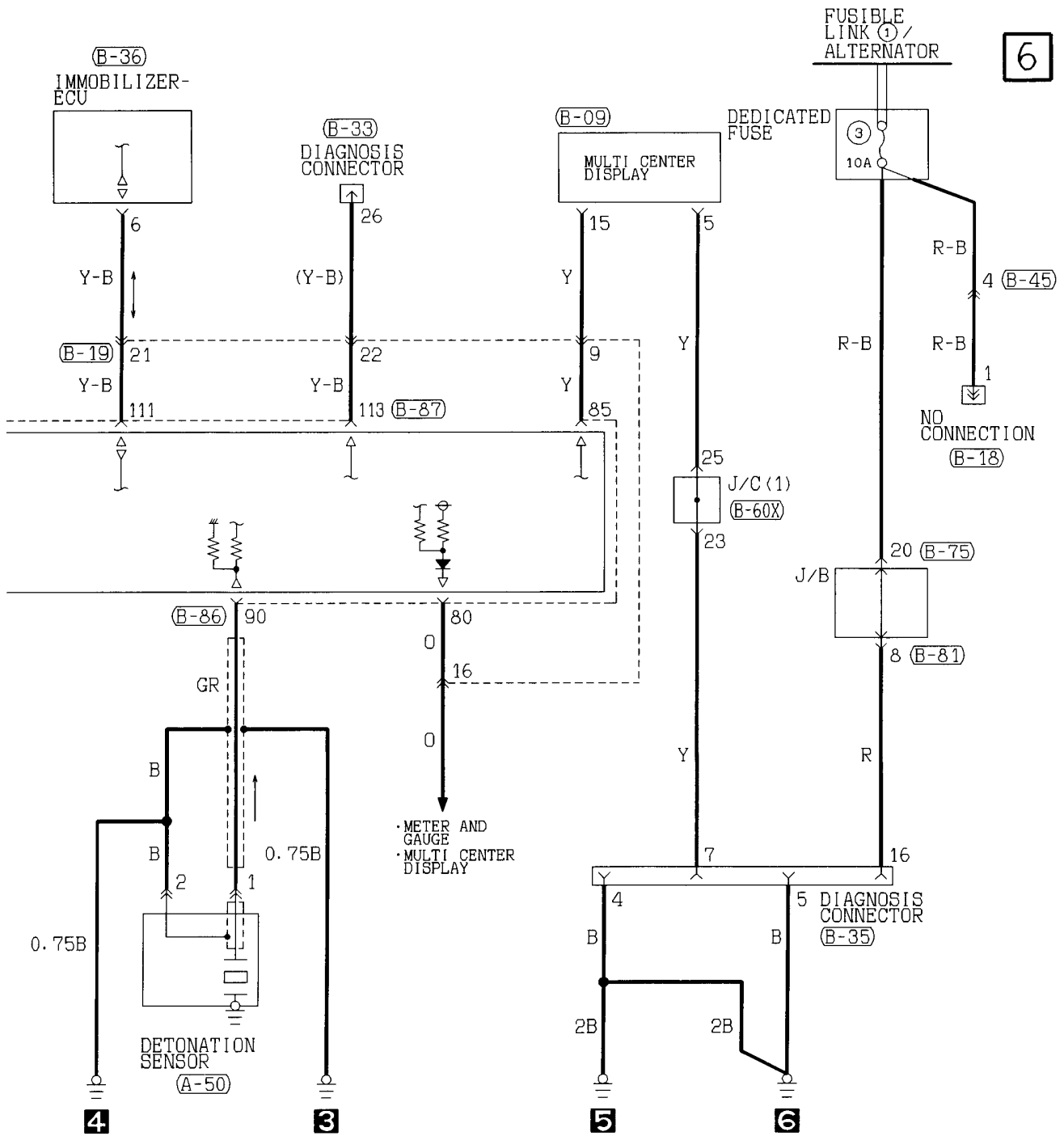
(B-90)
MU801446

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)





(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			

(B-35) FRONT SIDE

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

(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-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-89)

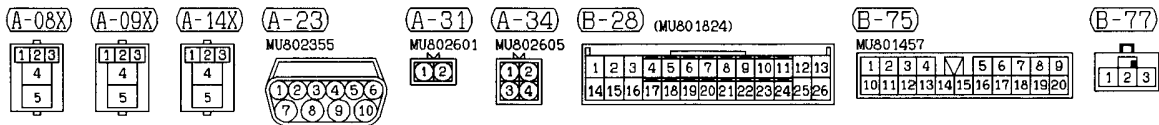
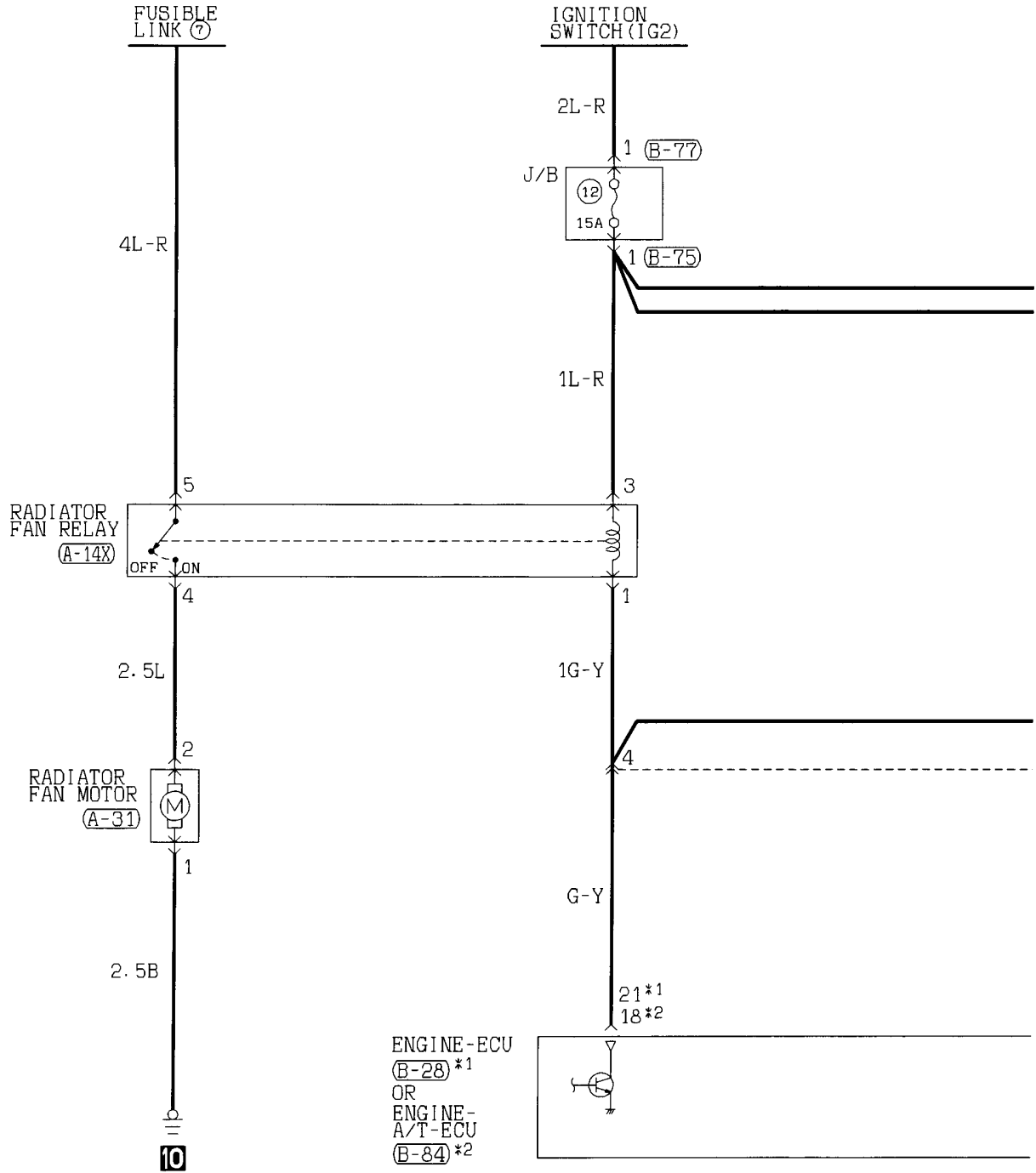
MU801461

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

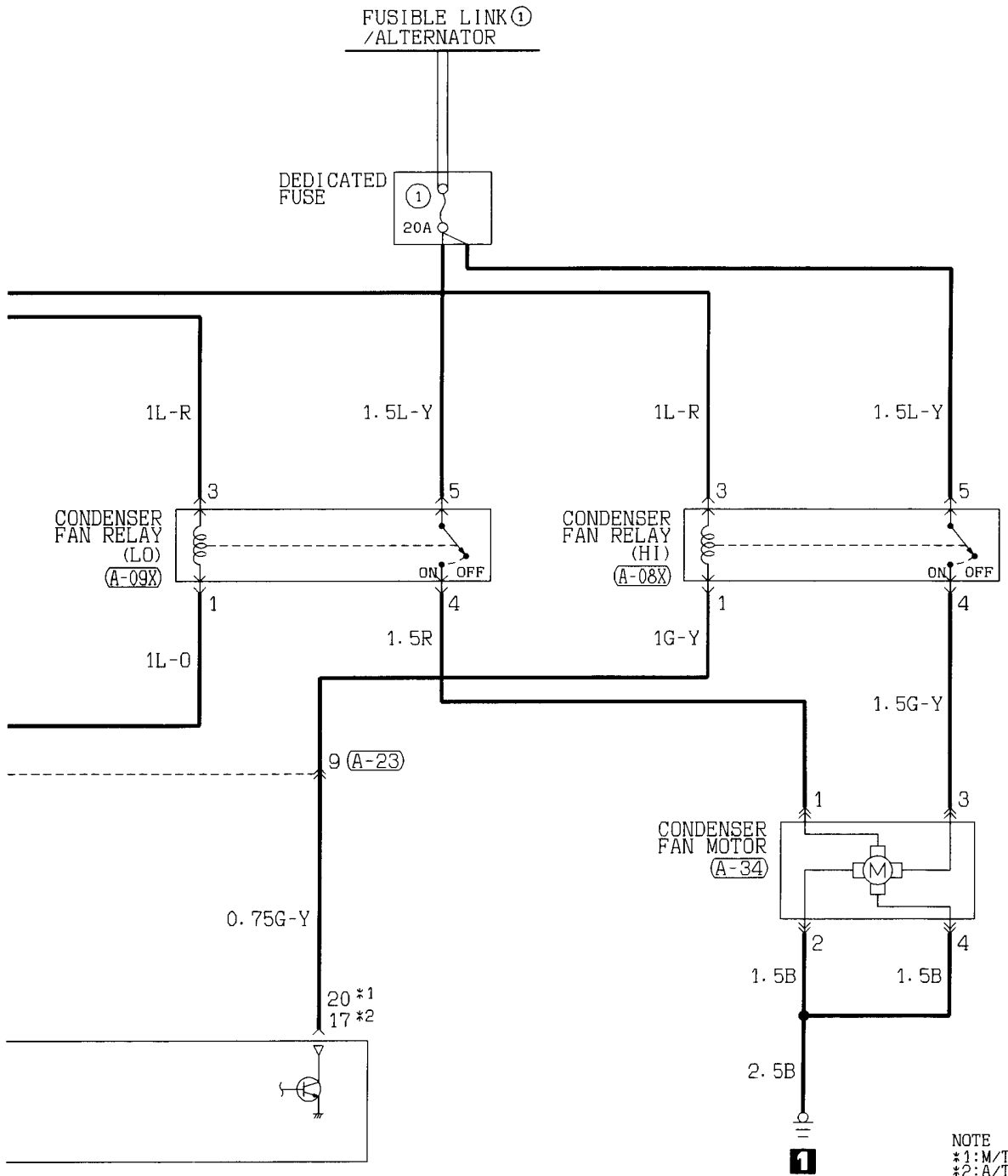
COOLING SYSTEM

Petrol-powered vehicles

1



2



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

(B-84) (MU803784)

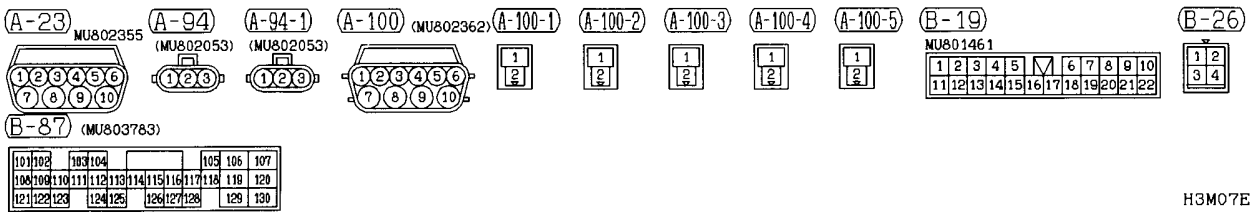
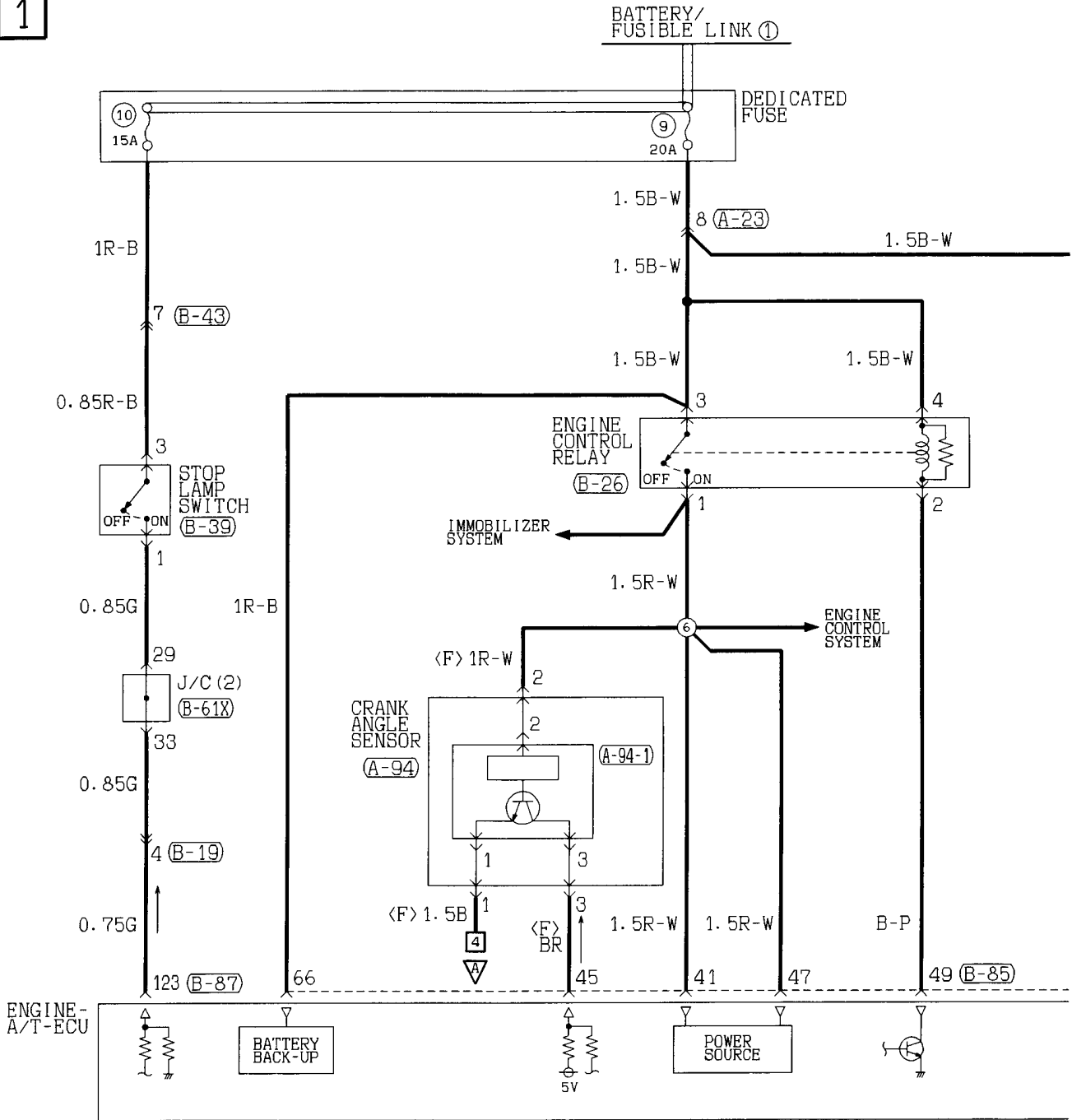
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35					

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

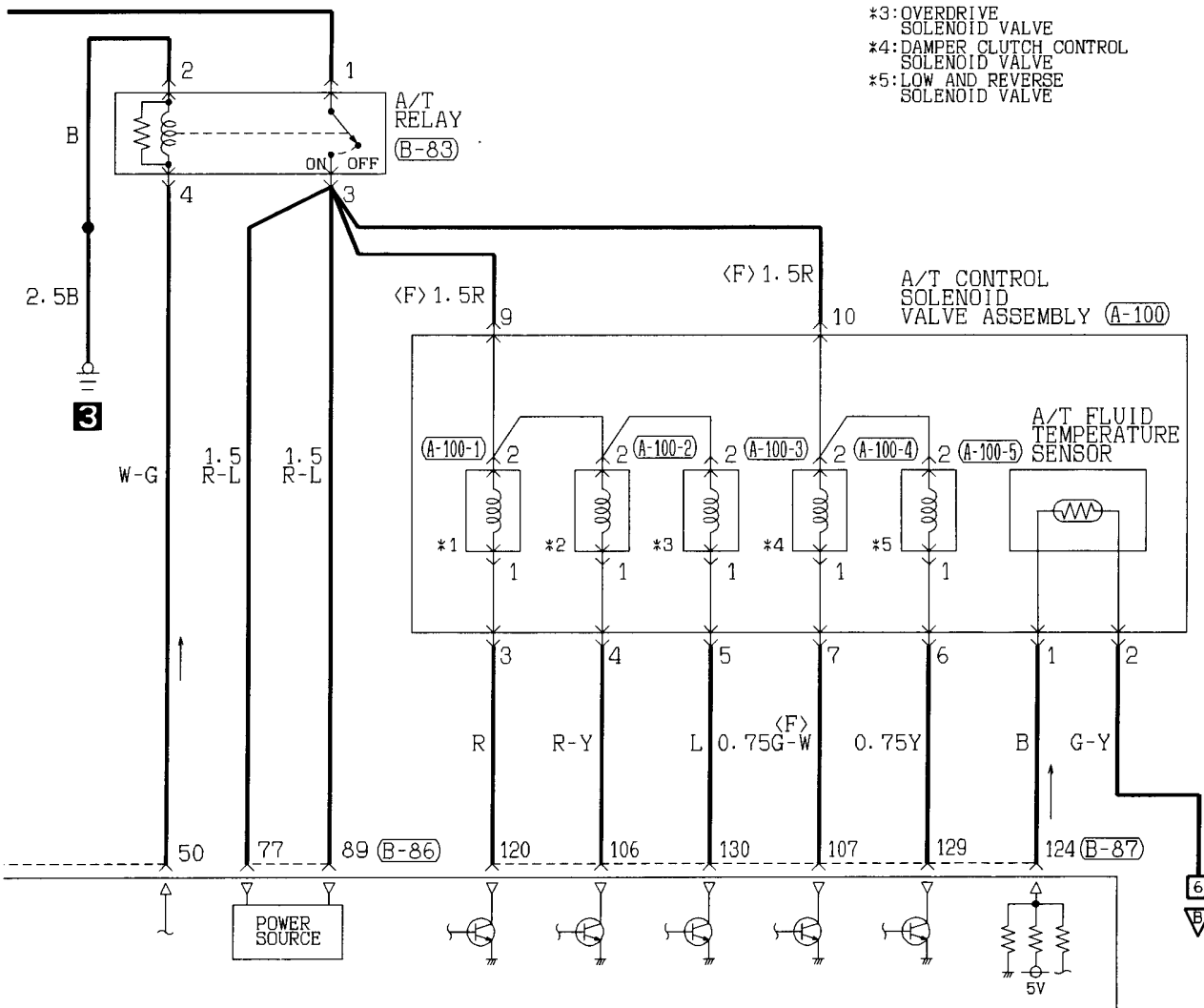
4G93 engine

1



2

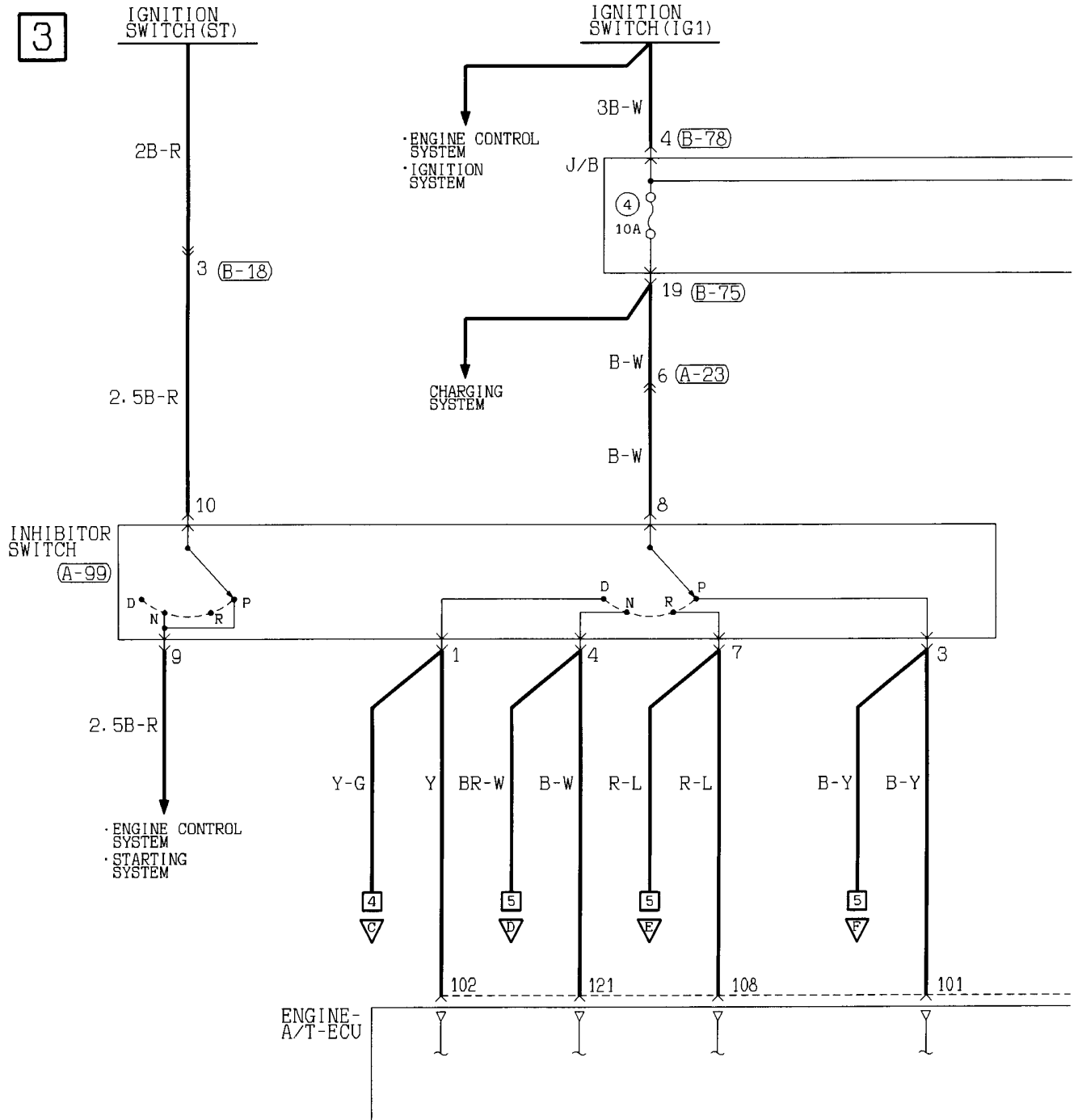
NOTE
 *1: UNDERDRIVE SOLENOID VALVE
 *2: SECOND SOLENOID VALVE
 *3: OVERDRIVE SOLENOID VALVE
 *4: DAMPER CLUTCH CONTROL SOLENOID VALVE
 *5: LOW AND REVERSE SOLENOID VALVE



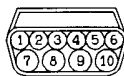
(B-39)	(B-43)	(B-61X)	(B-83)	(B-85) (MU80378.1)	(B-86) (MU80378.2)
MJ801461					
1 2 3	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	1 2 3 4	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	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

INVECS-II 4A/T <4G93 engine> (CONTINUED)



(A-23)
MU802355



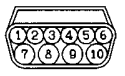
(A-97)
(MU802348)



(A-98)
MU802337



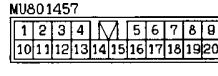
(A-99)
MU802355



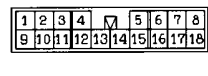
(B-18)
MU801329



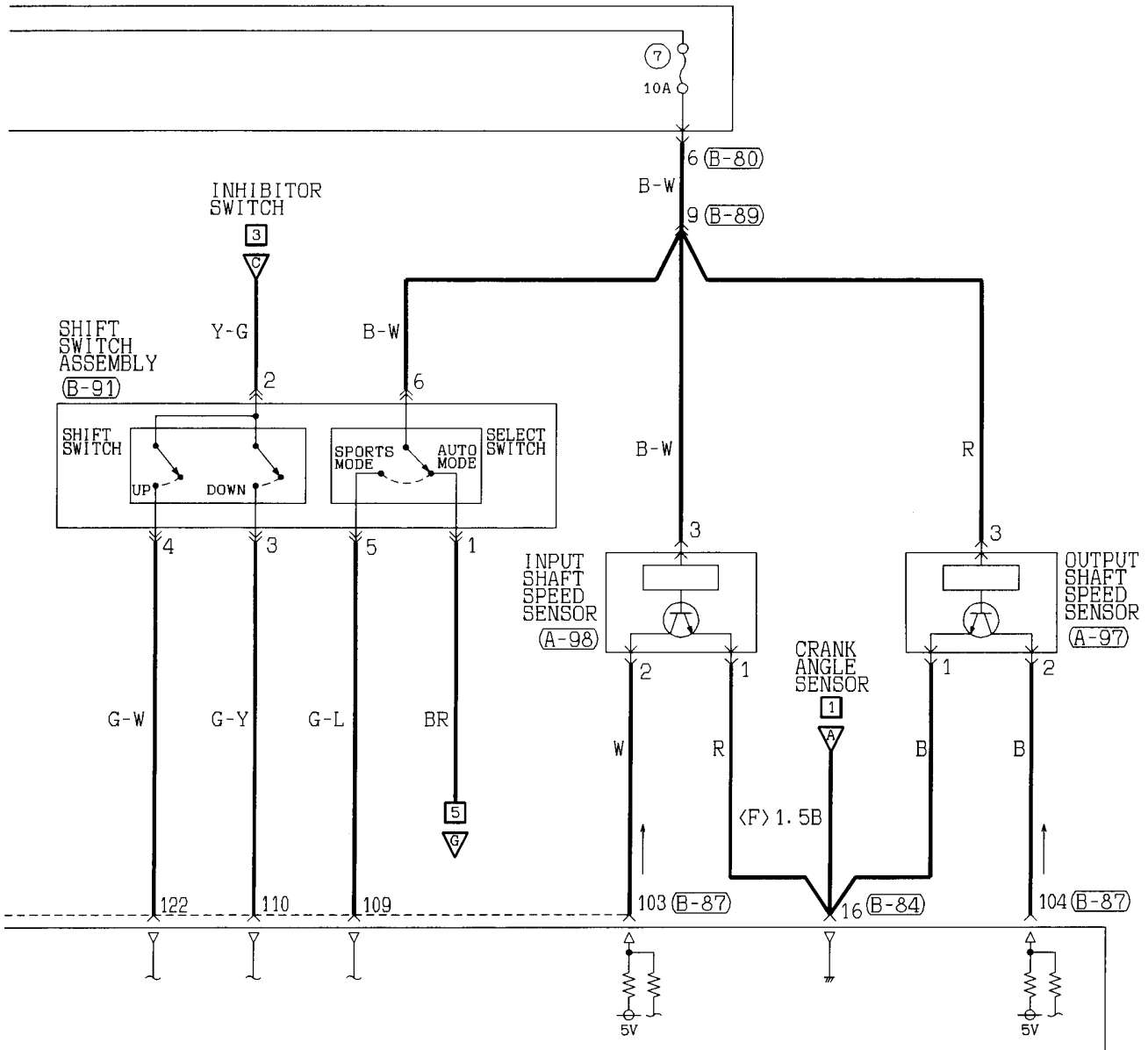
(B-75)
MU801457



(B-78)



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-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-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

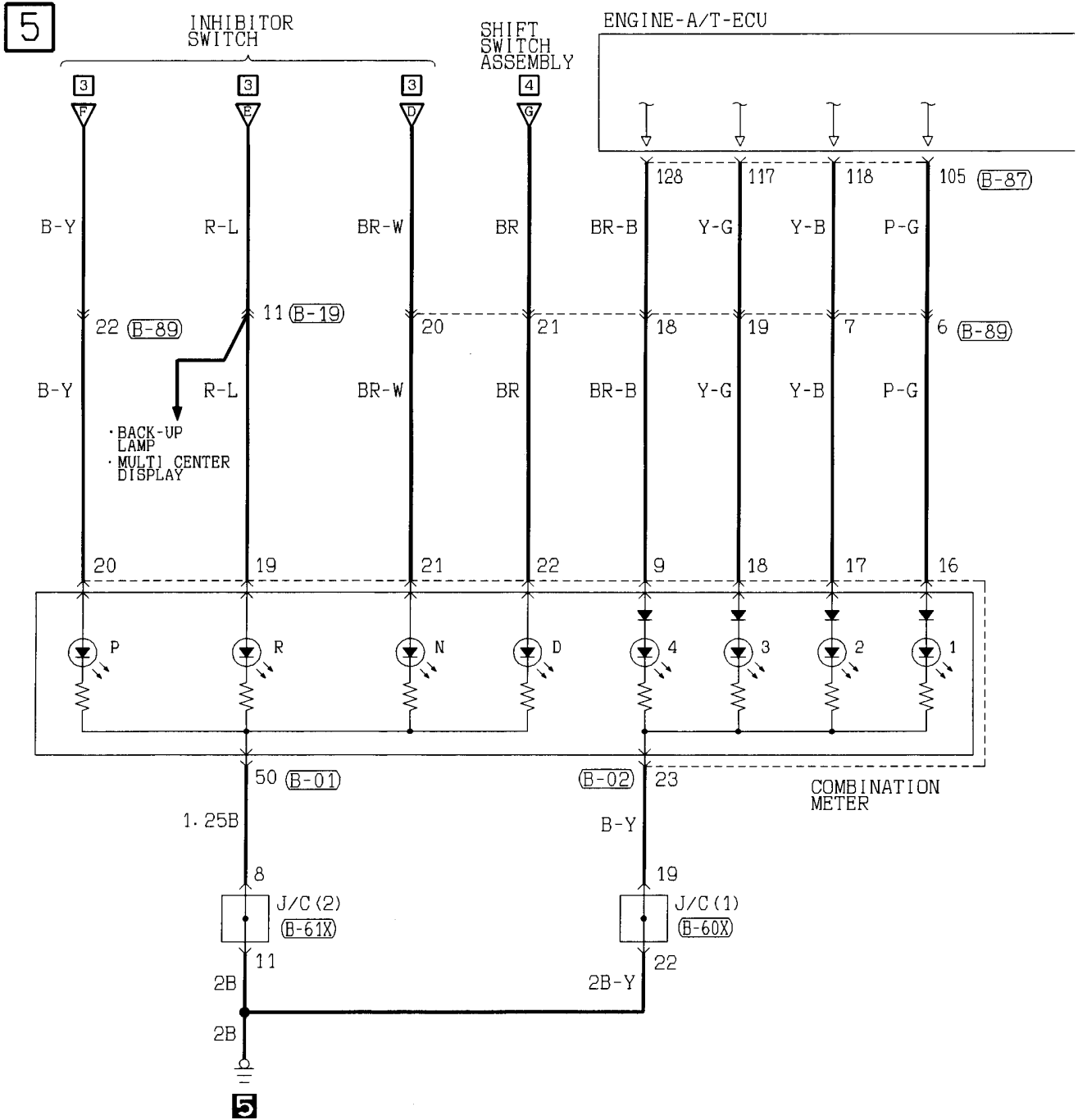
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22								

(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

INVECS-II 4A/T <4G93 engine> (CONTINUED)



(A-66)

(MU802724)

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

(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-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

(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-60X)

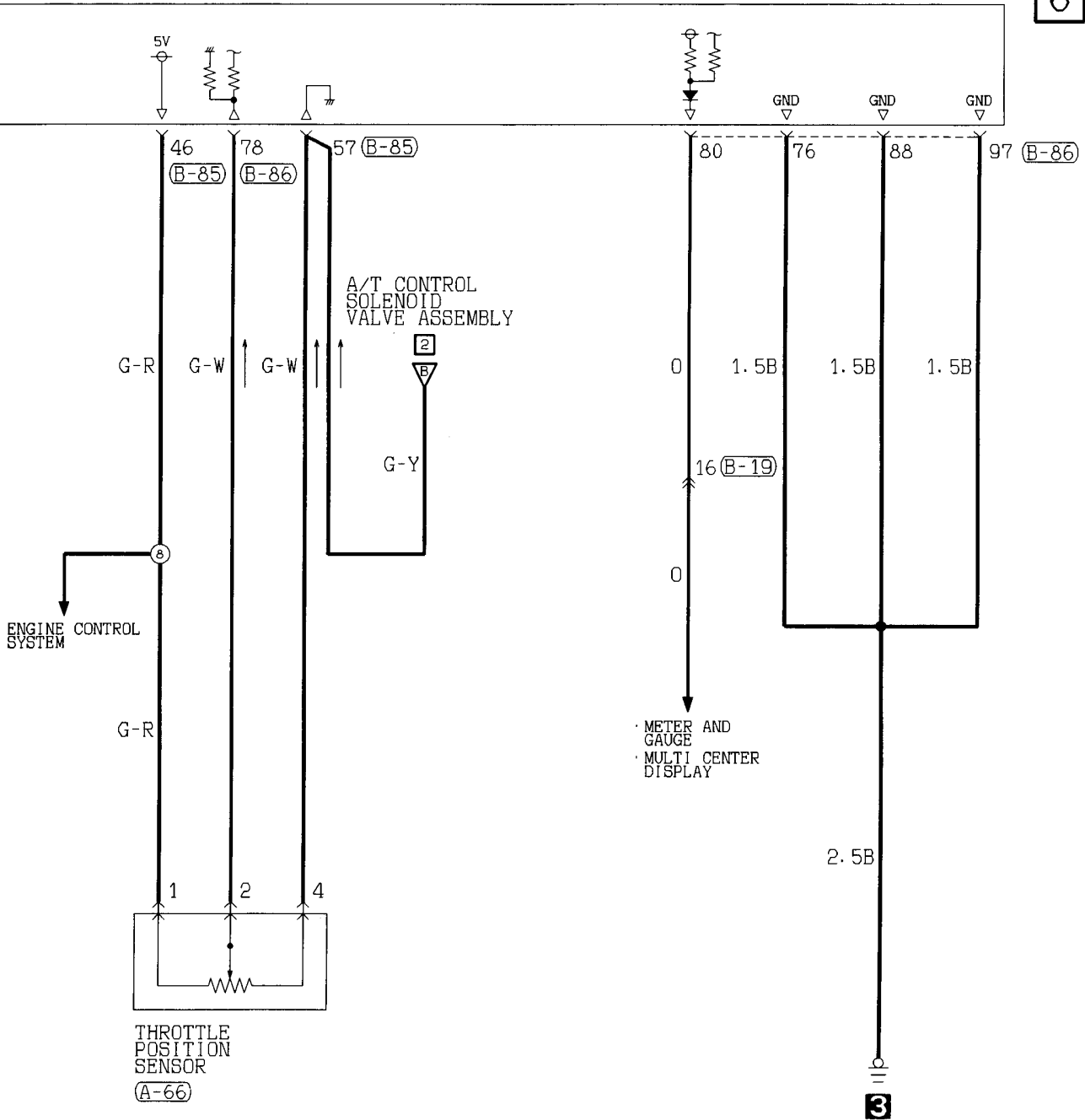
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33

(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

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			

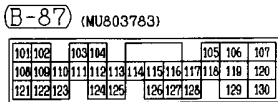
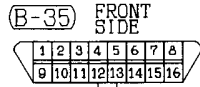
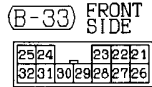
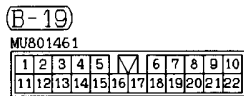
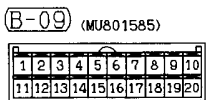
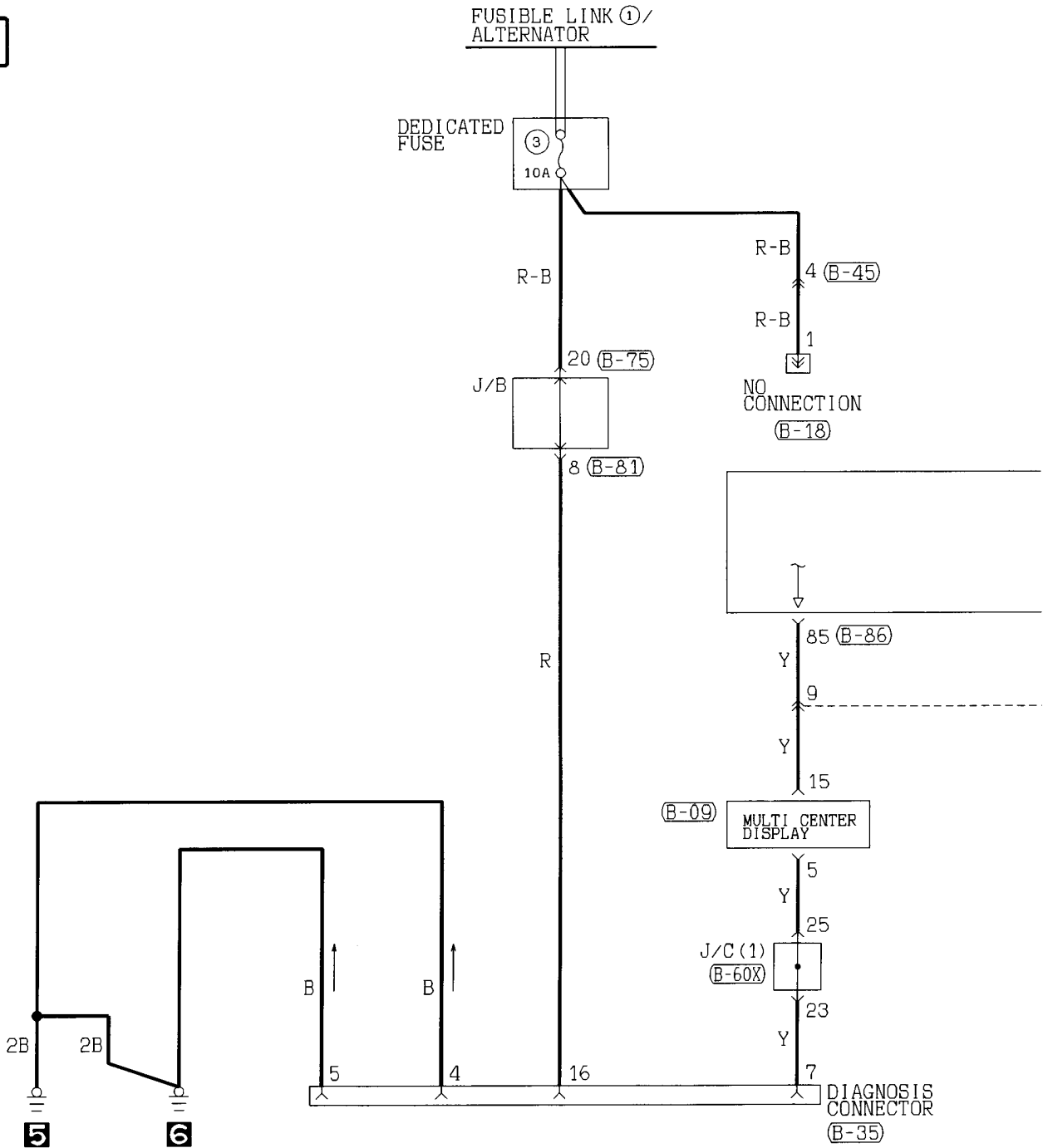
B-87 (MU803783)

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	

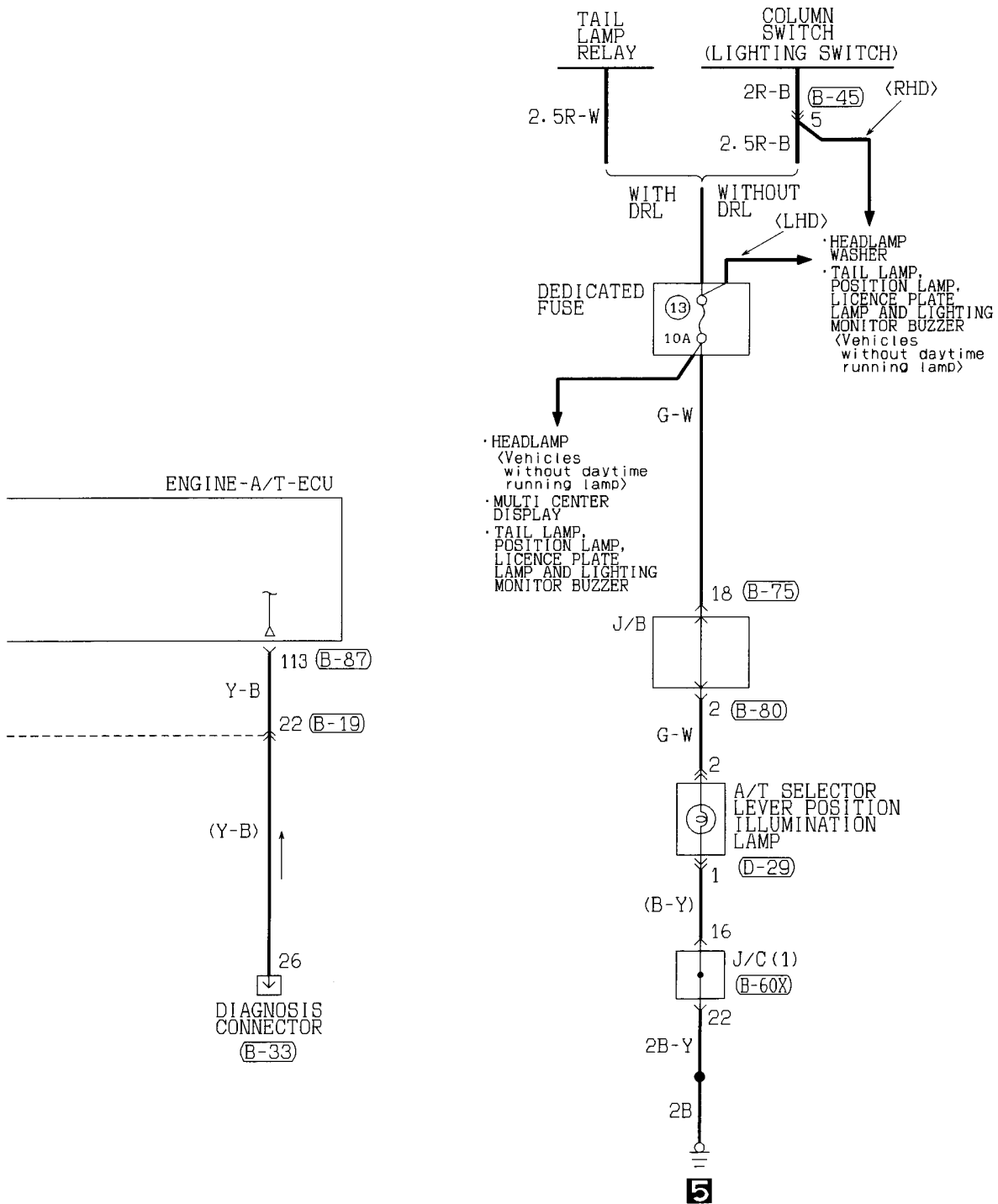
Wire colour code
 B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

INVECS-II 4A/T <4G93 engine> (CONTINUED)

7



8



(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	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)

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

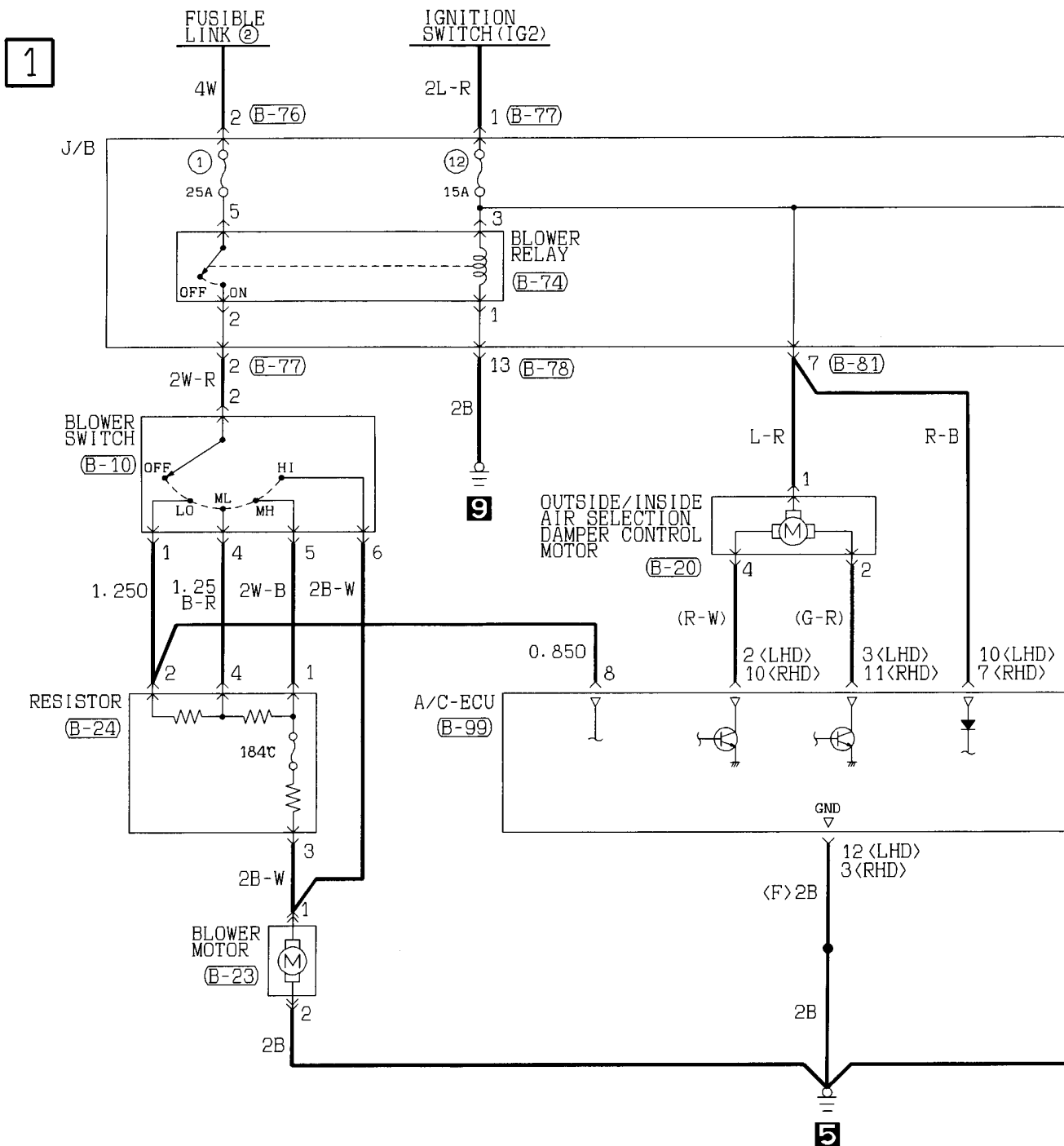
(B-86)

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

MANUAL AIR CONDITIONER

Petrol-powered vehicles



(B-10)

1	2	3
4	5	6

(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-20)

1	2	3	4
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(B-23)

1

(B-24)

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

(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-99)

(MU801584)

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

<LHD>

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

<RHD>

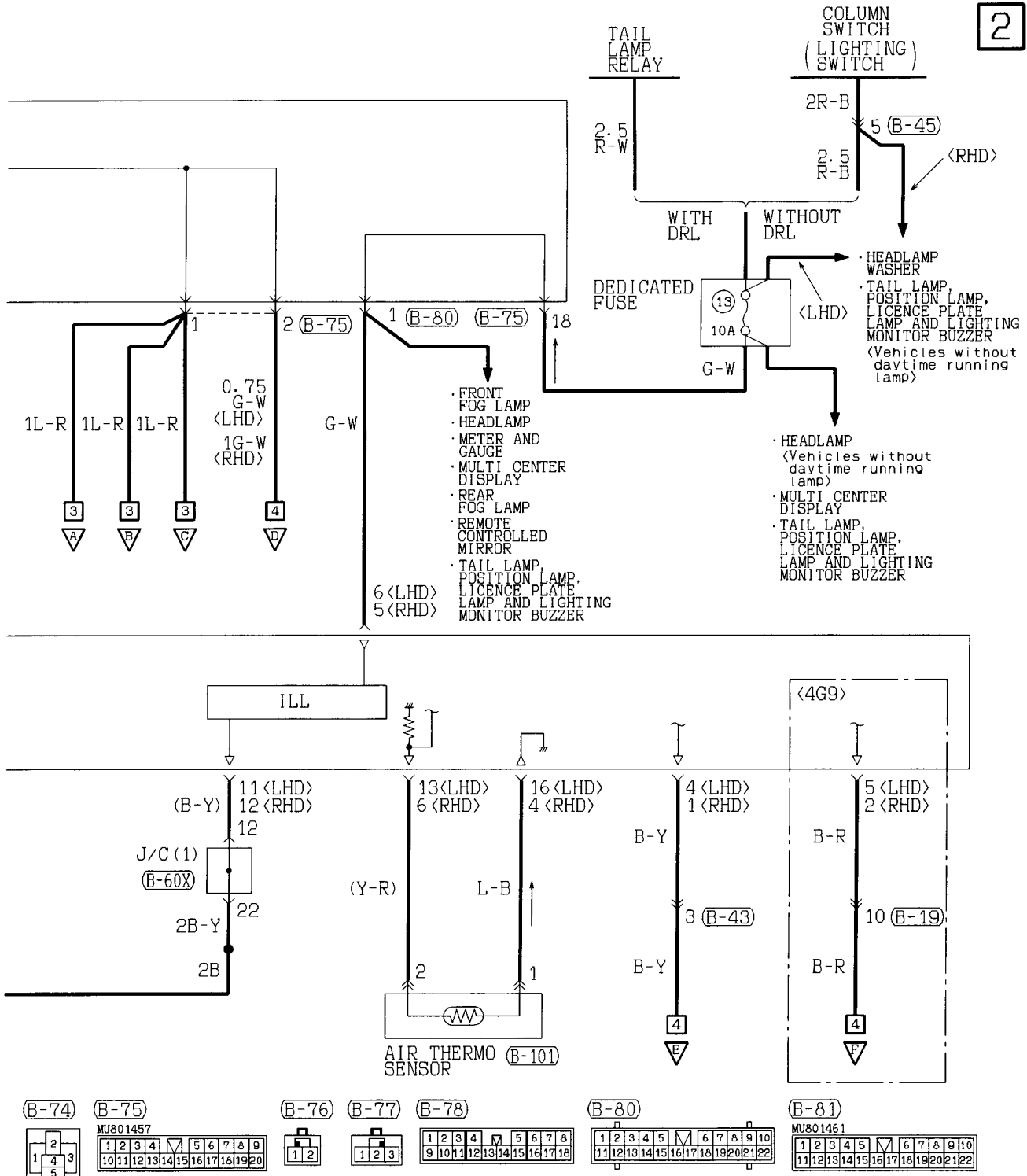
1	2	3	4
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(B-101)

MU801445

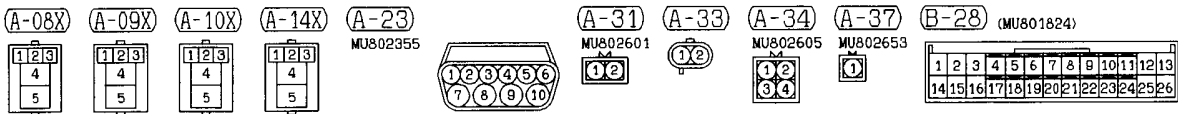
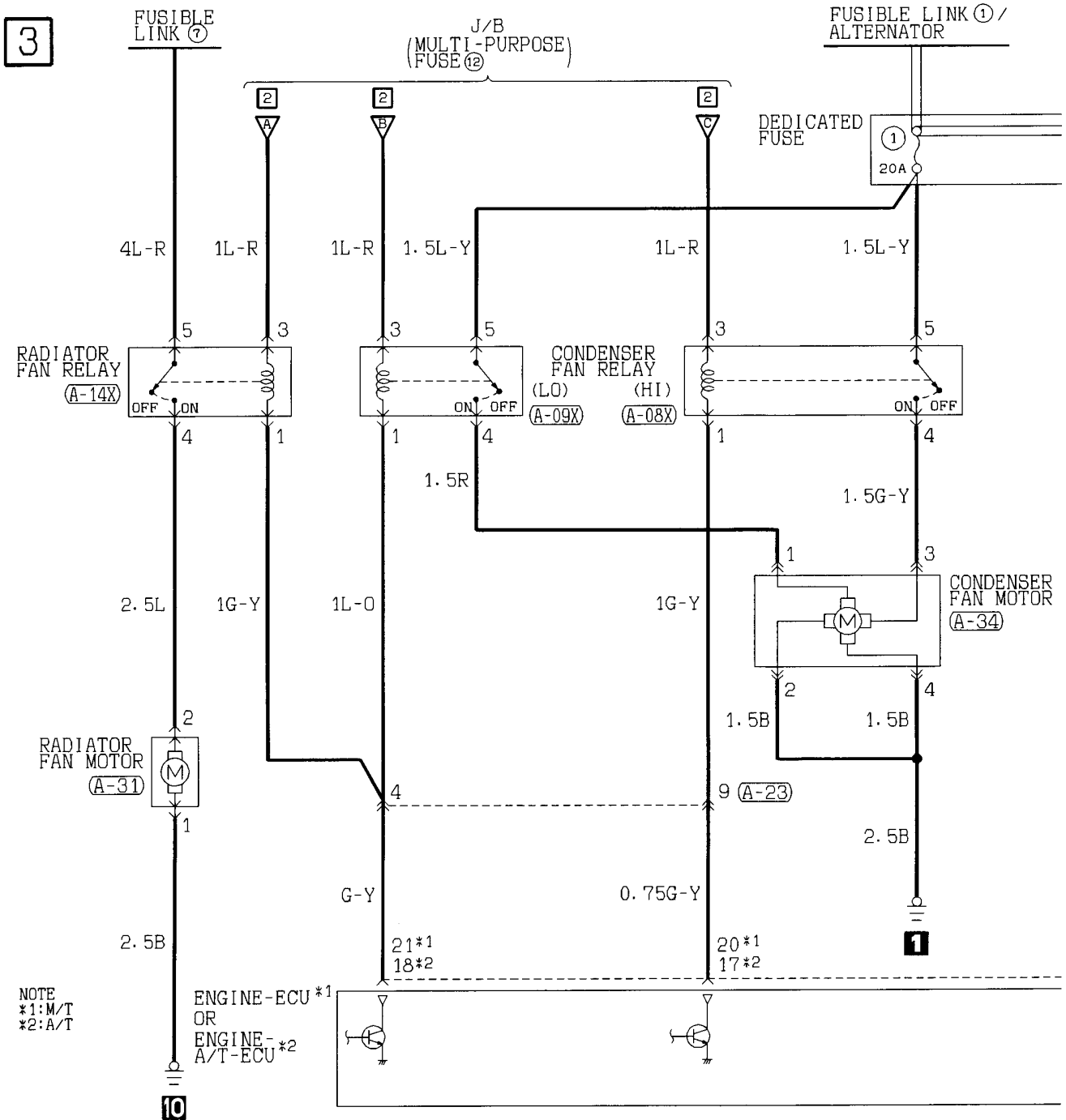
1	2	3	4
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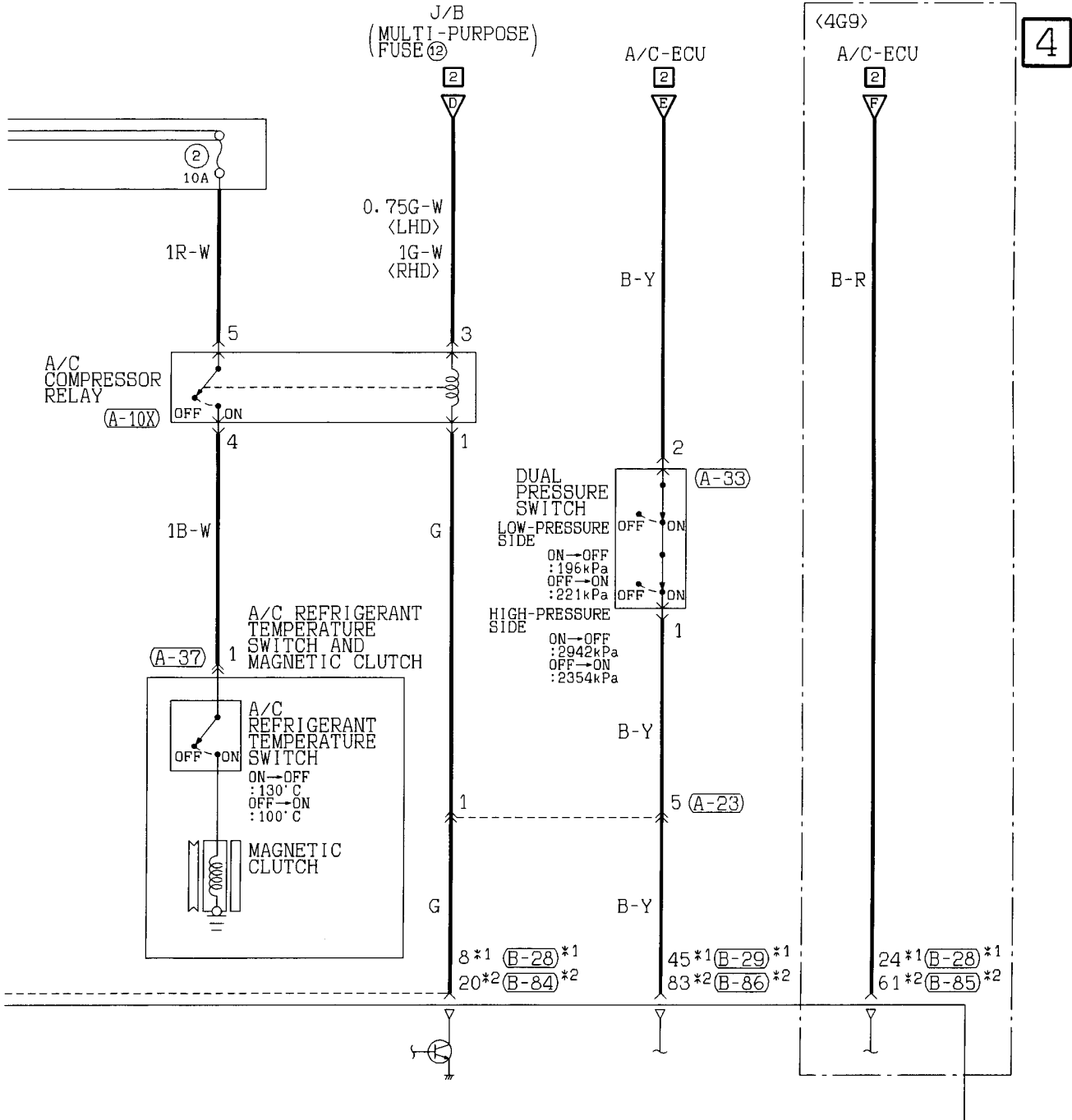
2



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

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





(B-29) (MU801822)

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

(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				

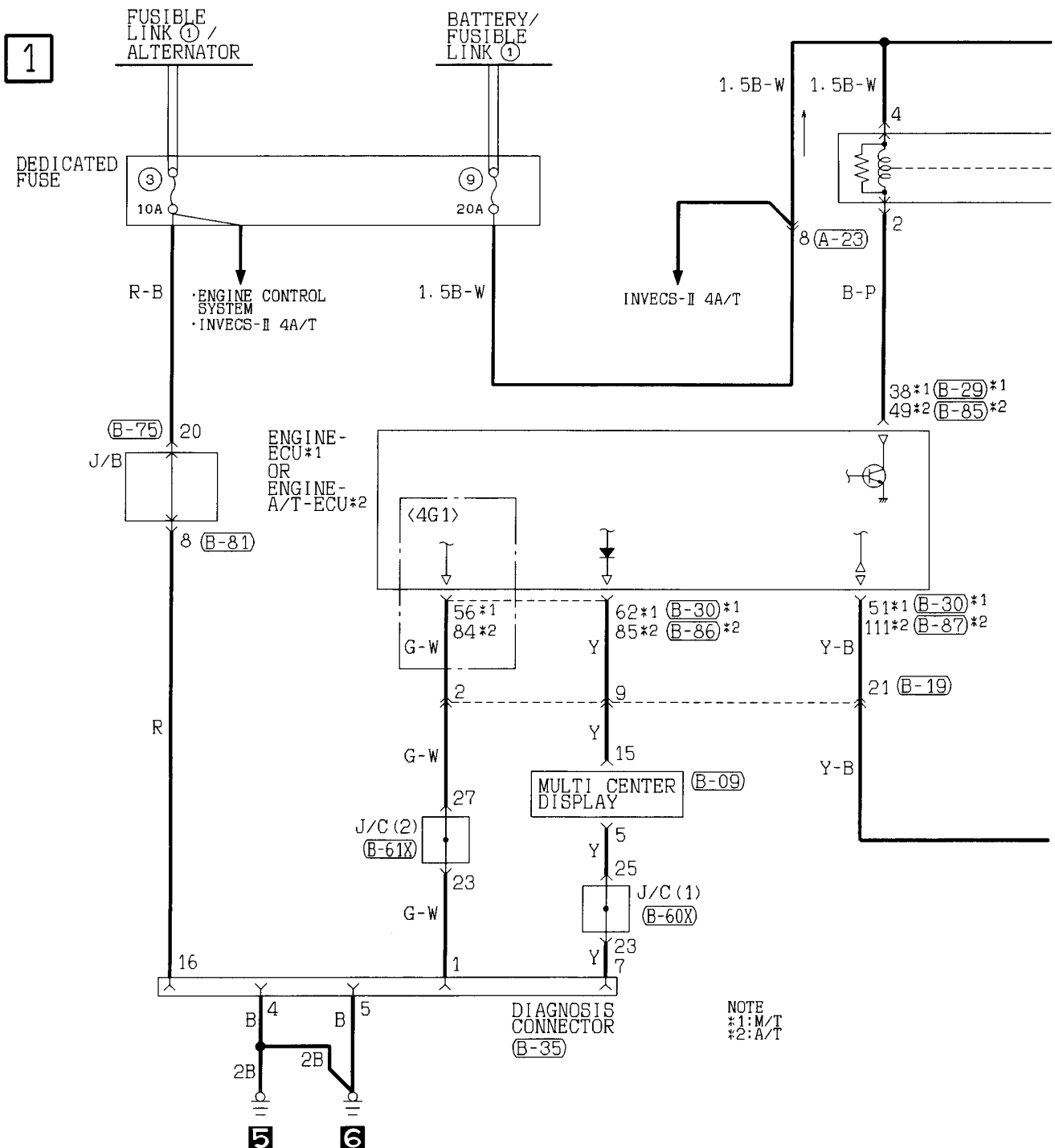
(B-86) (MU803782)

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

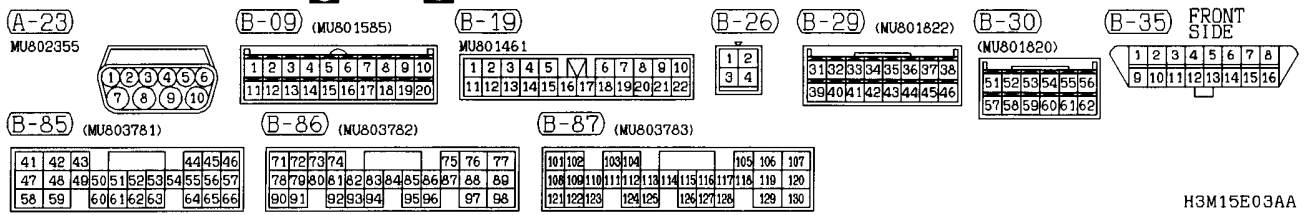
Wire colour code
 B :Black LG:Light green G:Green L :Blue W :White Y :Yellow SB:Sky blue
 BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

IMMOBILIZER SYSTEM

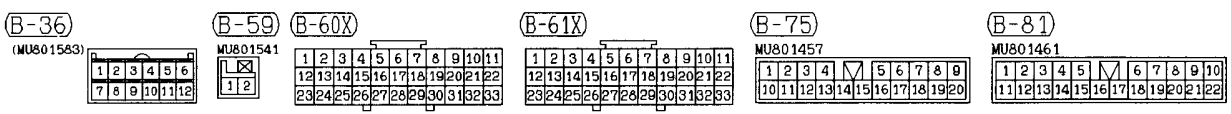
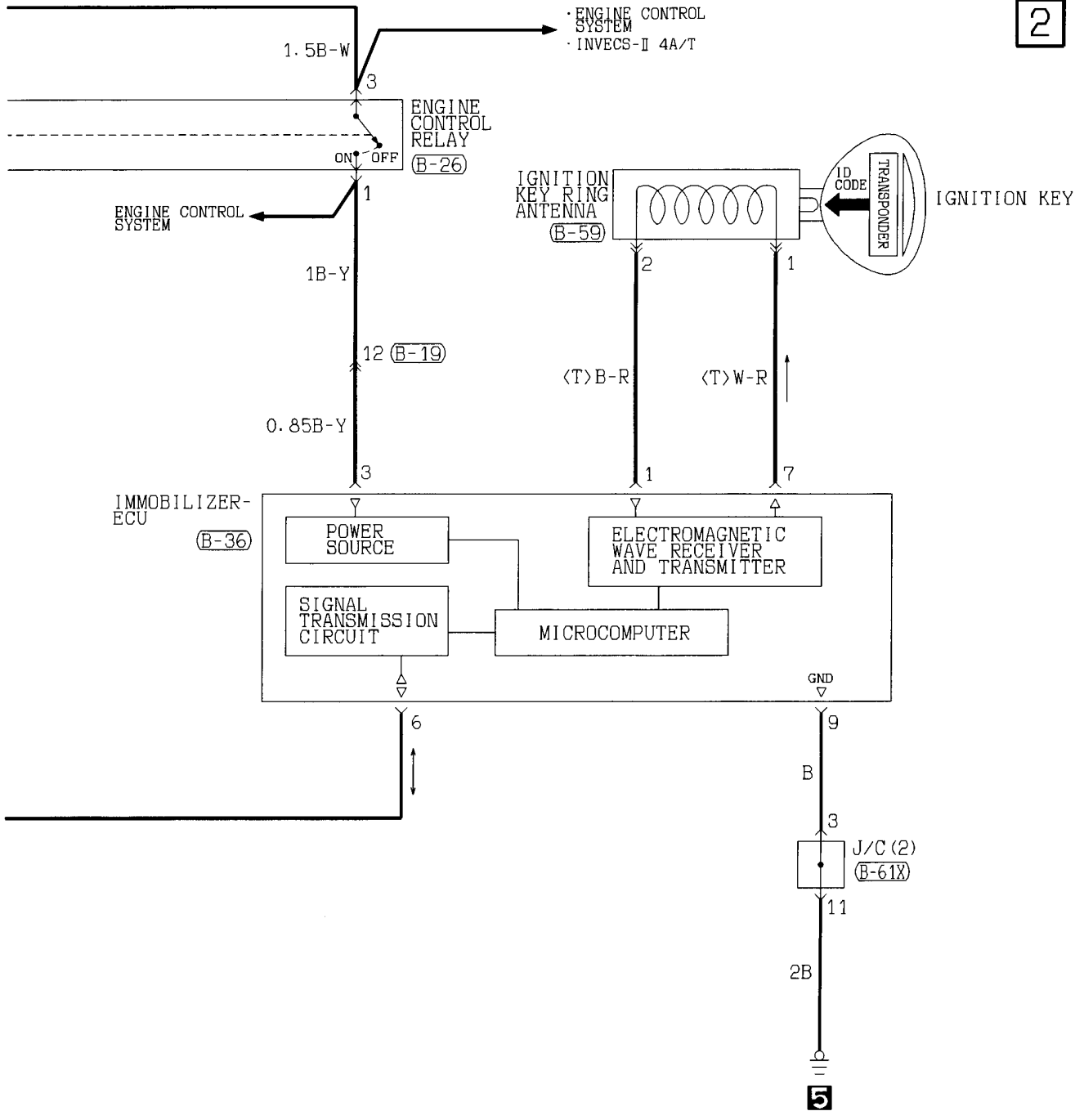
Petrol-powered vehicles



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