



Technical Service Bulletin

SUBJECT:			No: TSB-23-90-001
HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM CIRCUIT DIAGRAMS – SERVICE MANUAL REVISION			DATE: October 2023
			MODEL: See below
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

This TSB provides additional circuit diagrams for the High Voltage Power Supply Control System section in the applicable Service Manuals.

AFFECTED VEHICLES

2012-2017 i-MiEV

AFFECTED SERVICE MANUAL

- 2012-2017 i-MiEV Service Manuals

PROCEDURE

Please use the chart below to add the attached supplemental circuit diagrams for the affected Service Manuals, Group 90, High Voltage Power Supply Control System.

Applicable Manual	Pub. No.	Applicable Title	Contents
2012 i-MiEV Service Manual	MSCD-018B-2012	HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM	Attached sheet 15, 18
2013* i-MiEV Service Manual	MSCD-018B-2013	HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM	Attached sheet 16, 18
2016 i-MiEV Service Manual	MSCD-018B-2016	HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM	Attached sheet 17, 18
2017** i-MiEV Service Manual	MSCD-018B-2016		

* 2013MY vehicles sold in Canada only

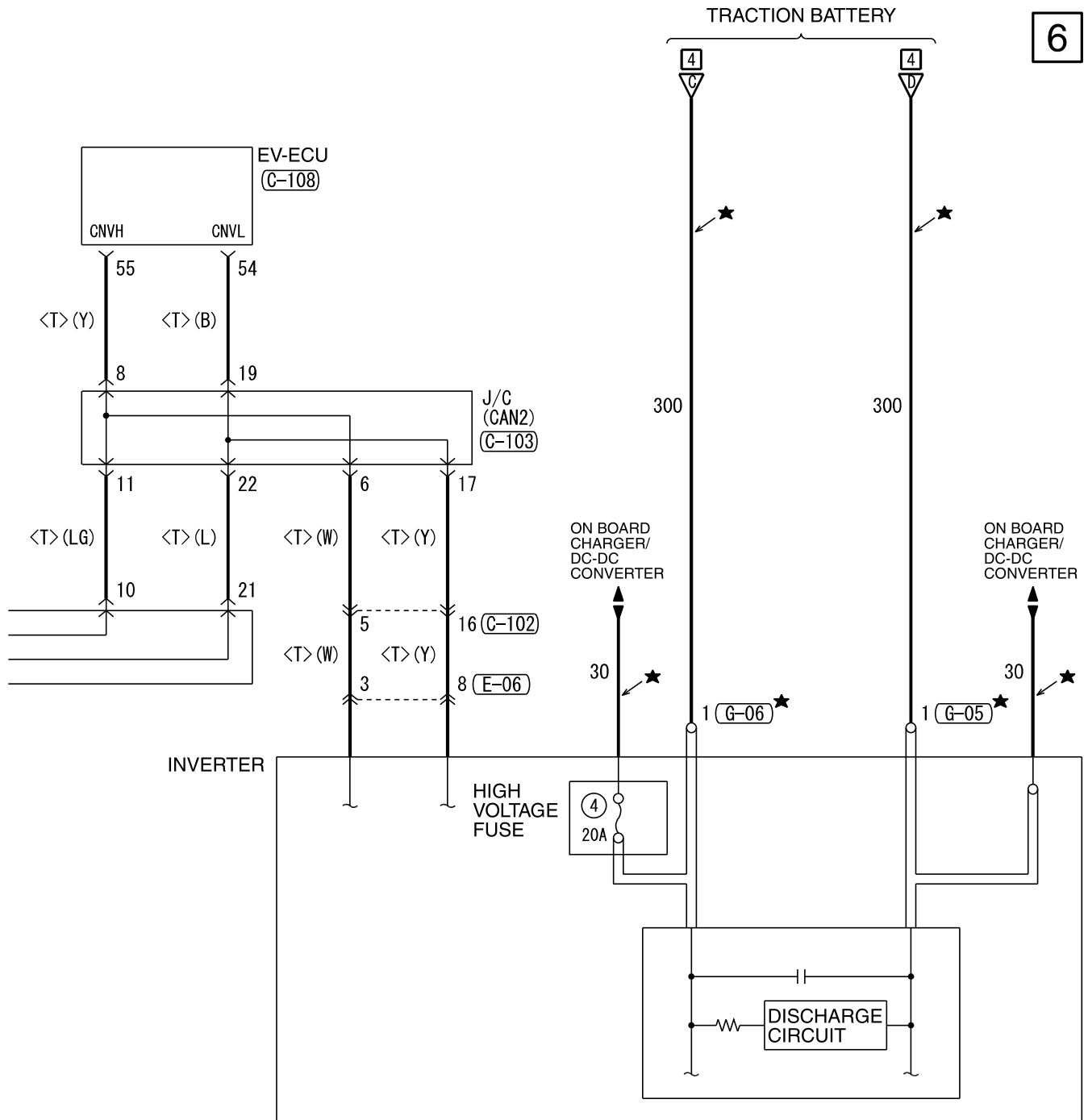
**2017MY vehicles refer to 2016 i-MiEV Service Manual



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CIRCUIT DIAGRAMS
HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM



6

(B-317)
(MU803766)

51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68
69	70	71						

(C-102)

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	

(C-103)
MU801515

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

(C-108)

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

(E-06)

1	2	3	4	5
6	7	8	9	10

WIRE COLOR 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 PU: PURPLE SI: SILVER

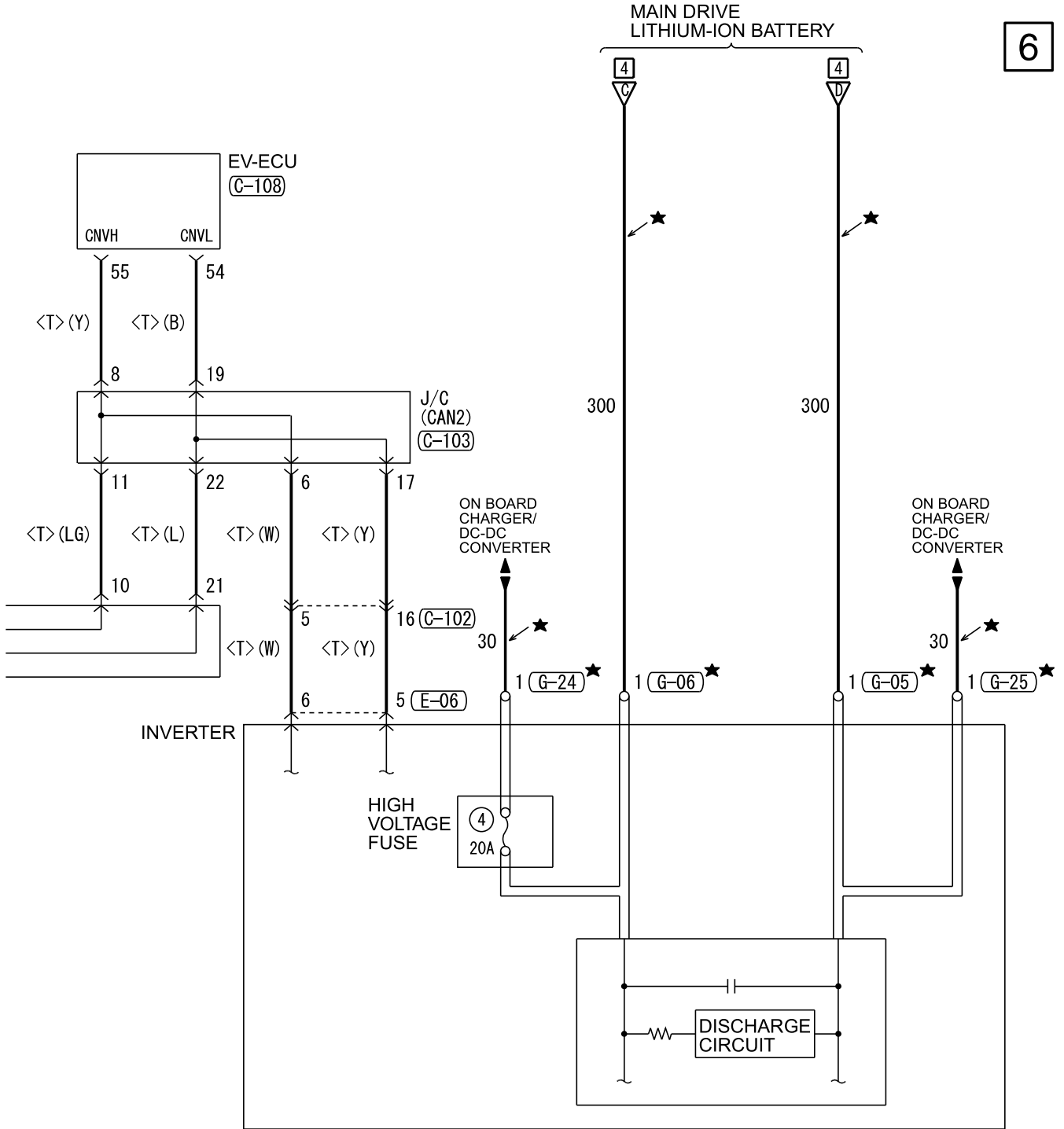
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Attached sheet 18

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TSB Revision

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(B-317) (MU803766)

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69	70	71	72	73	74			

(C-102)

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(C-103) (MU801515)

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(C-108) (MU803781)

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54	55	56	57	58	59	60
61	62	63	64	65	66	

(E-06)

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

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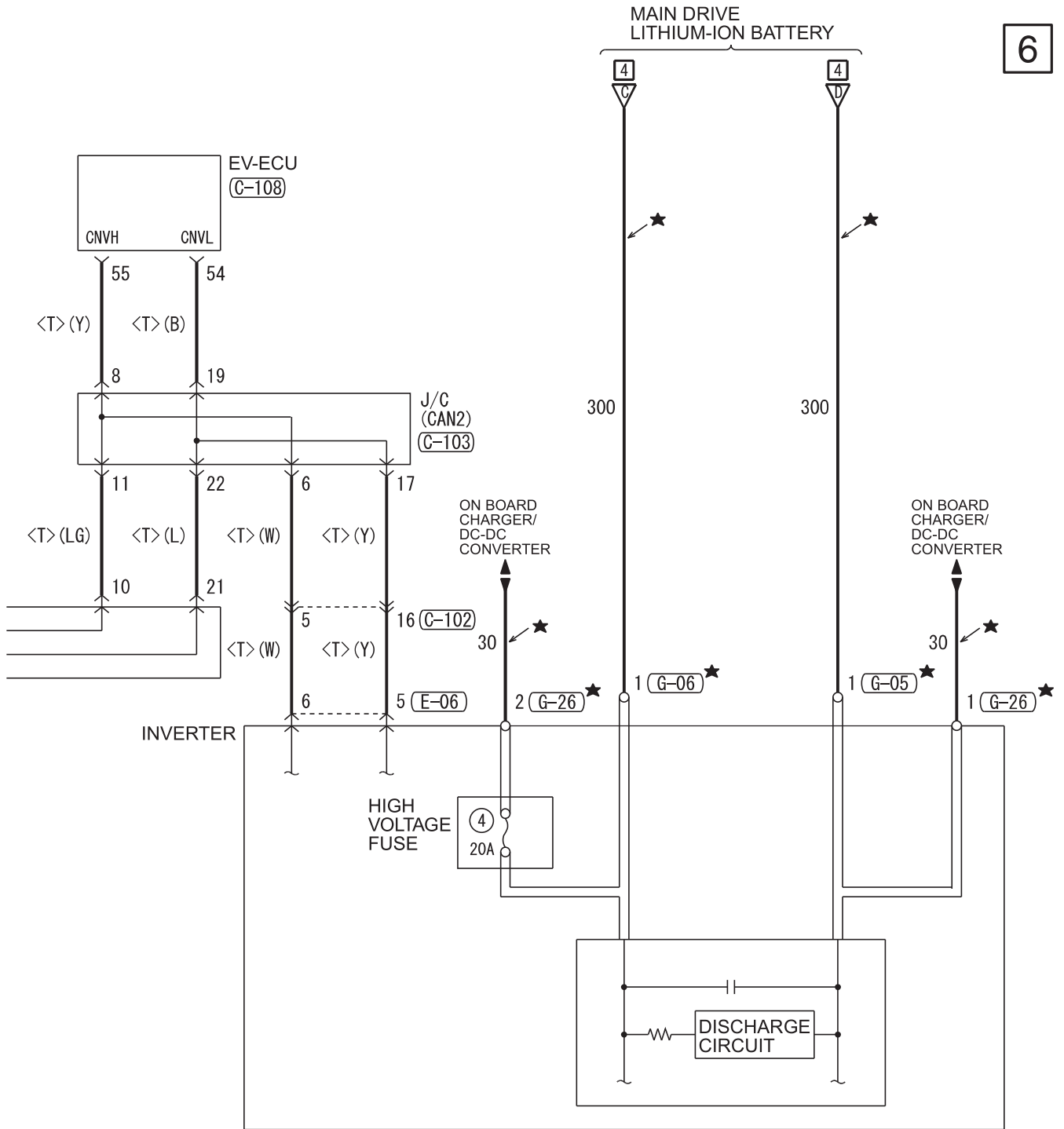
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HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM

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B-317
(MU803766)

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60	61	62	63	64	65	66	67	68
69	70	71						

C-102

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C-103

MU801515

1	2	3	4	5	6	7	8	9	10	11
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C-108

(MU803781)

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

E-06

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

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O: ORANGE GR: GRAY R: RED P: PINK V: VIOLET PU: PURPLE SI: SILVER BE: BEIGE

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Attached sheet 18

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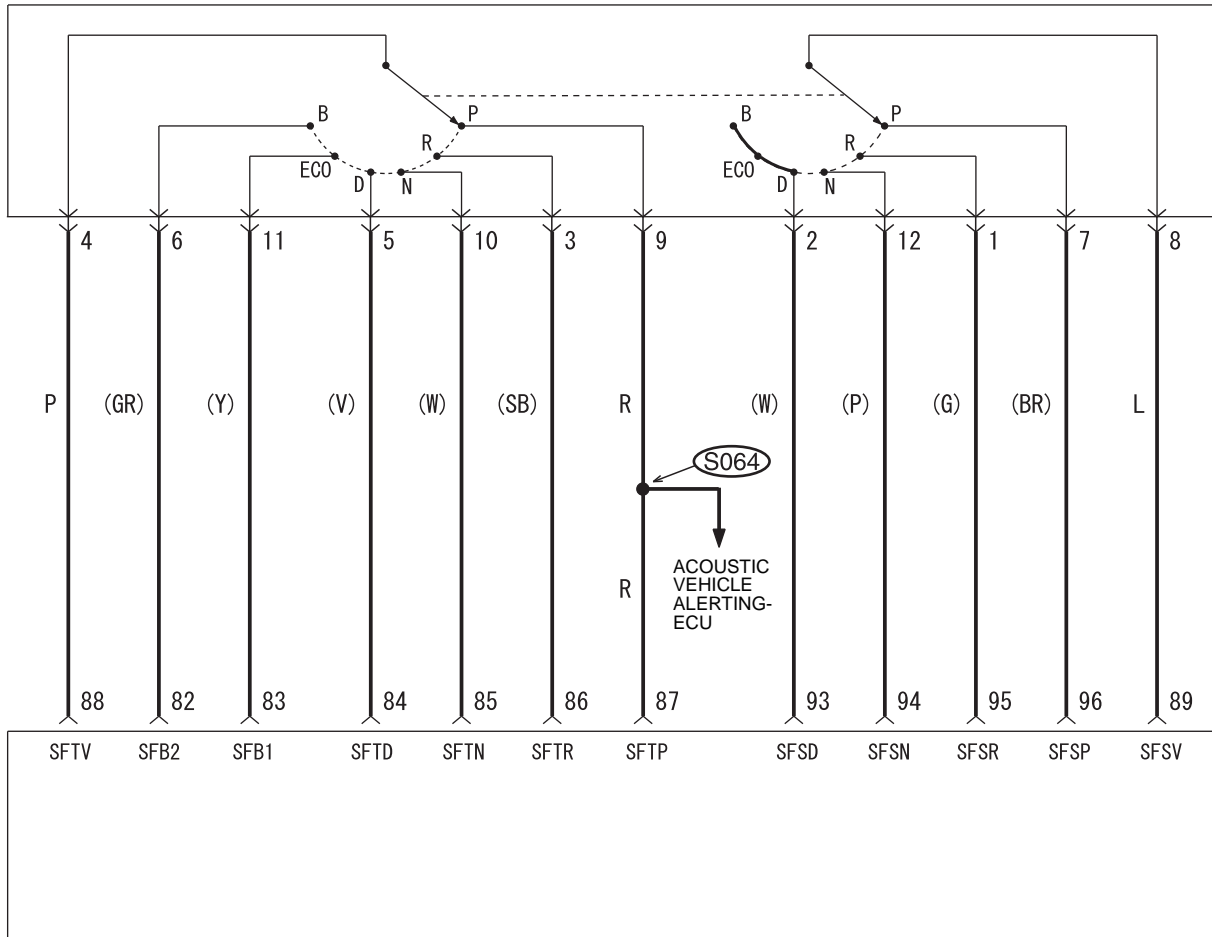
**CIRCUIT DIAGRAMS
HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM**

HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM (CONTINUED)

7

SHIFT POSITION SWITCH

(E-11)



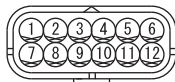
EV-ECU
(C-110)

(C-110)

(MU803782)

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(E-11)



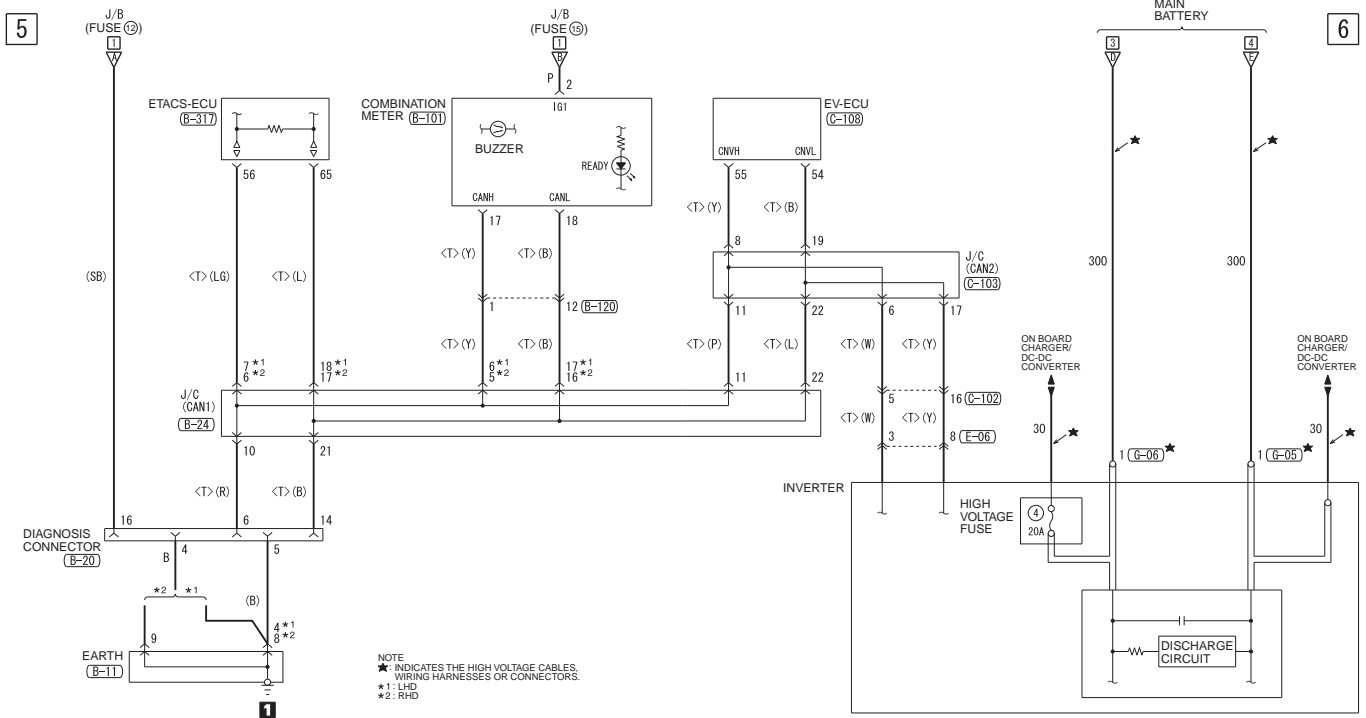
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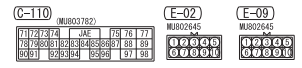
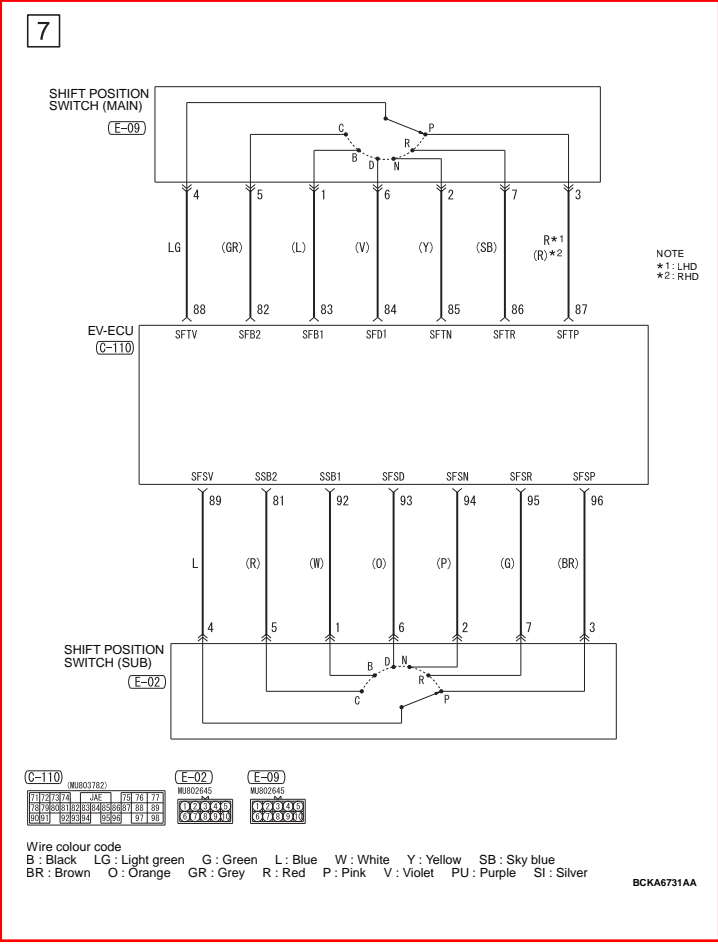
TSB Revision

HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM (CONTINUED)



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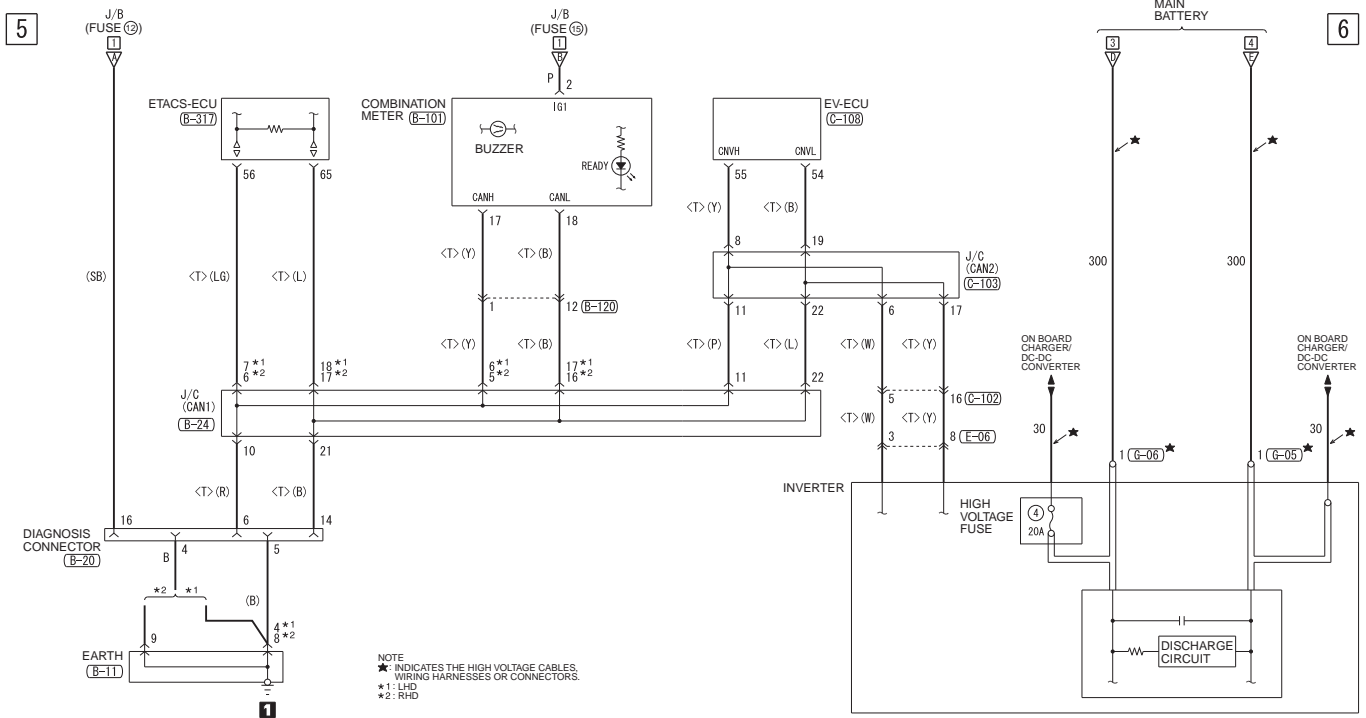


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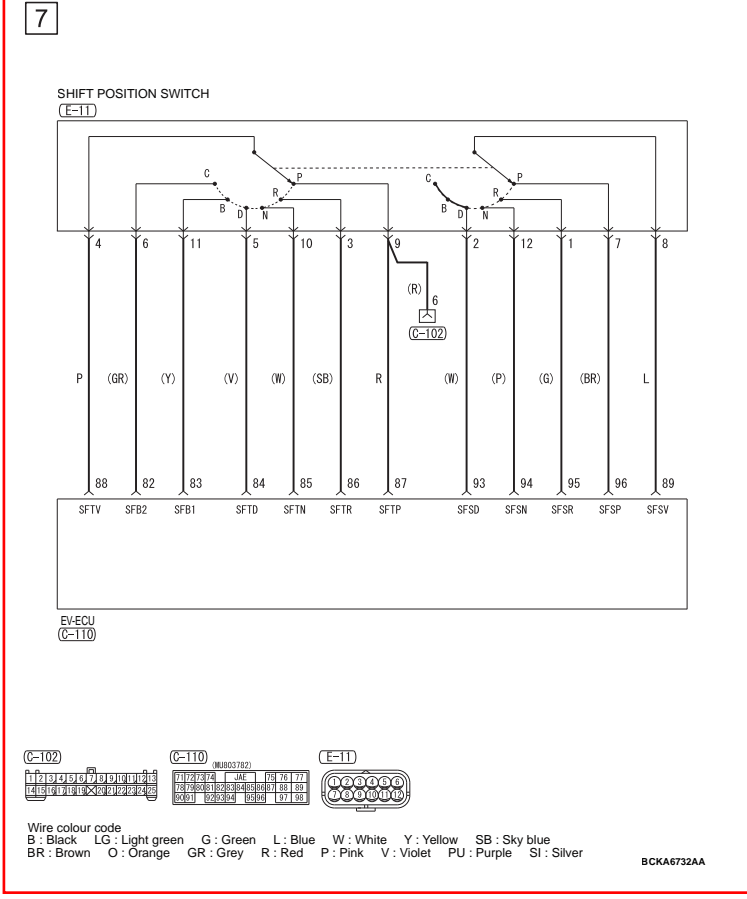
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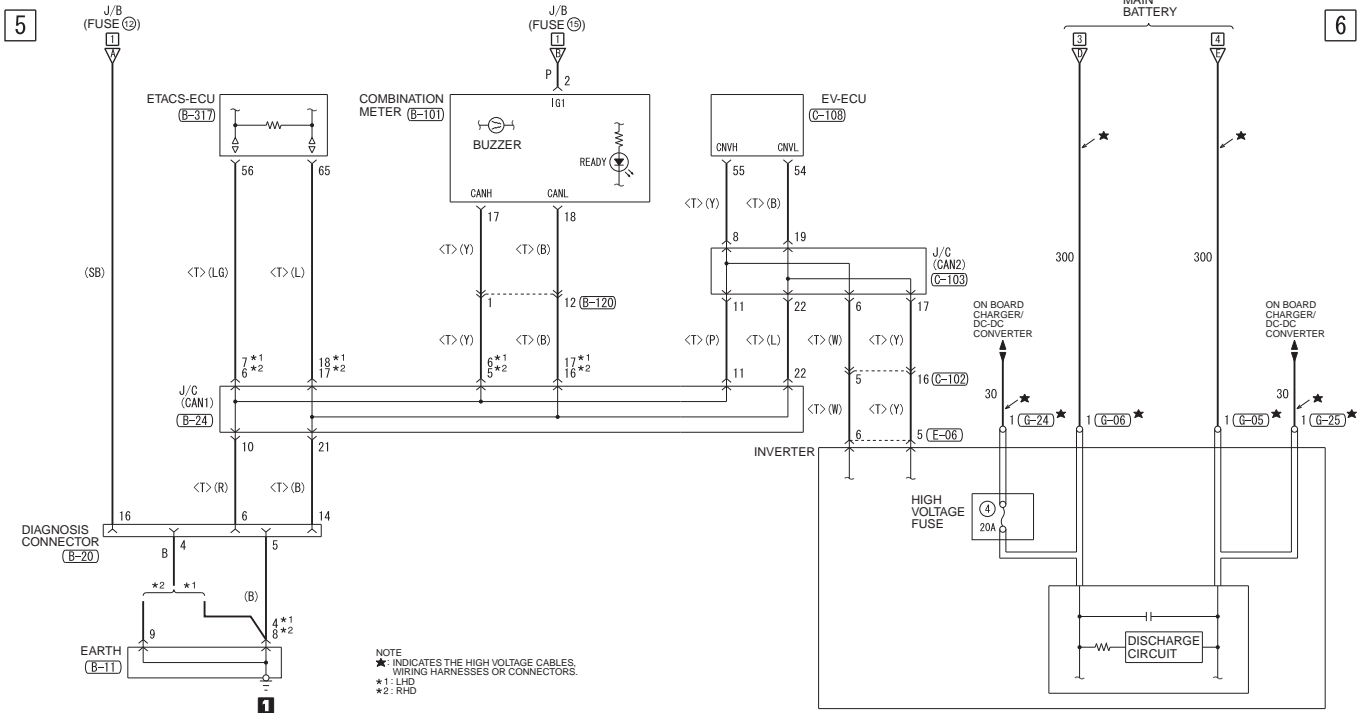


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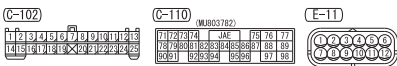
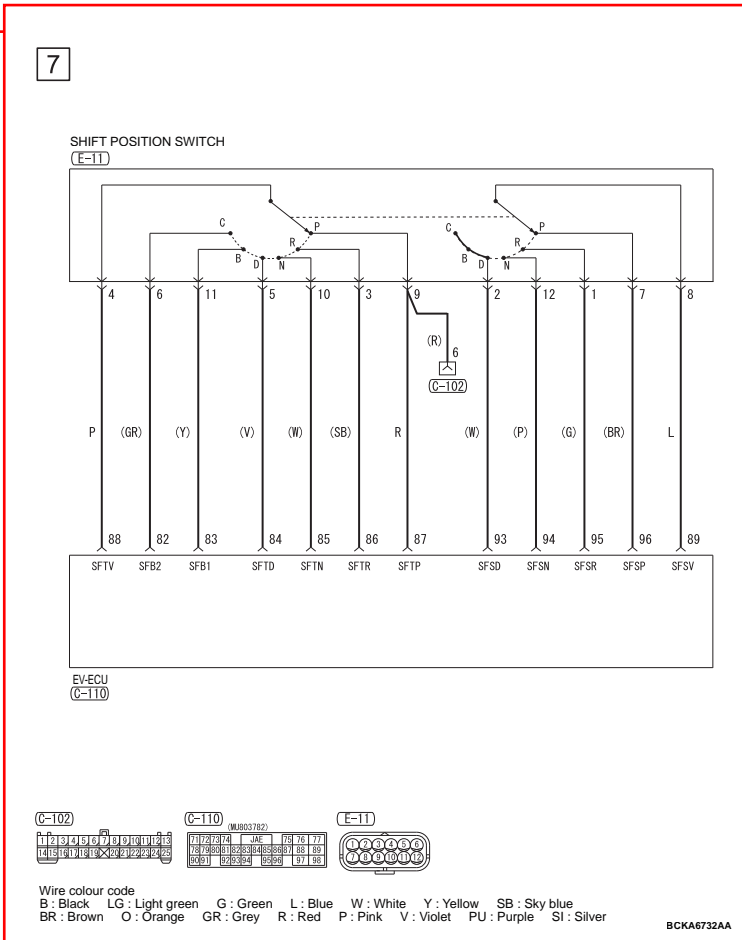
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HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM (CONTINUED)



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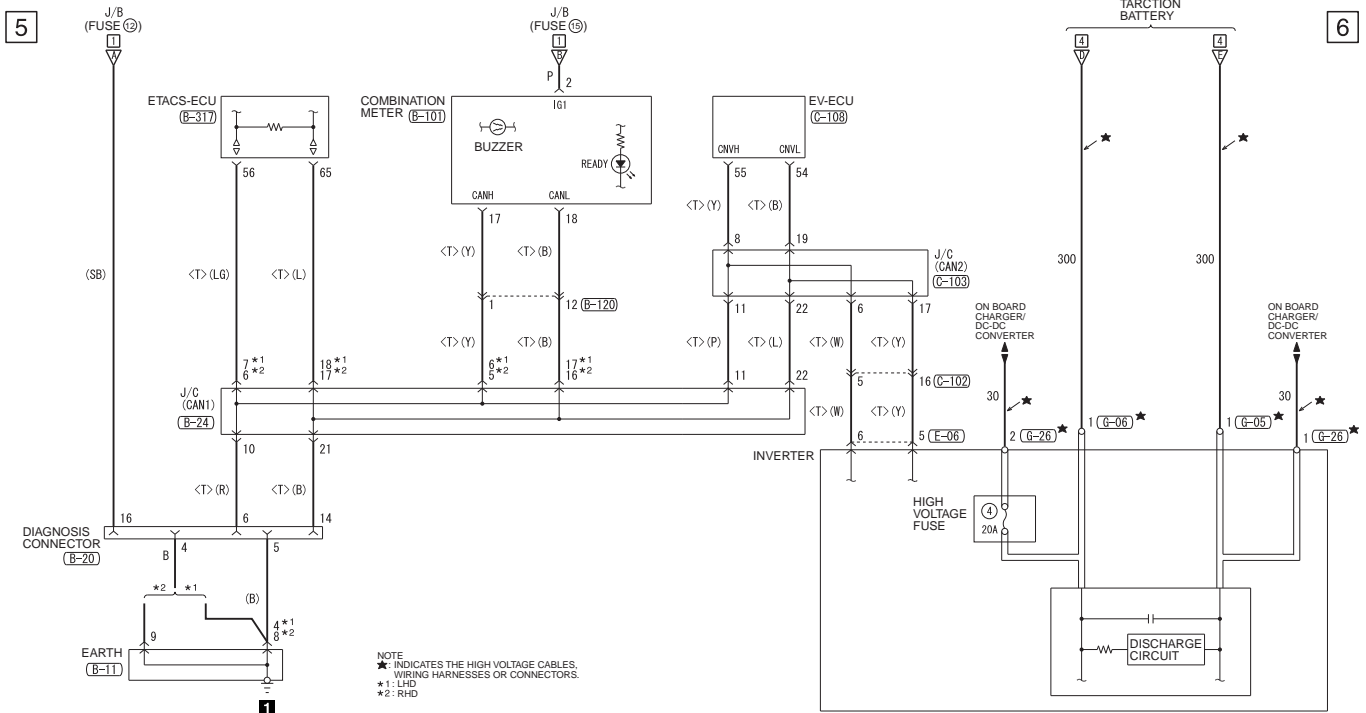
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HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM (CONTINUED)

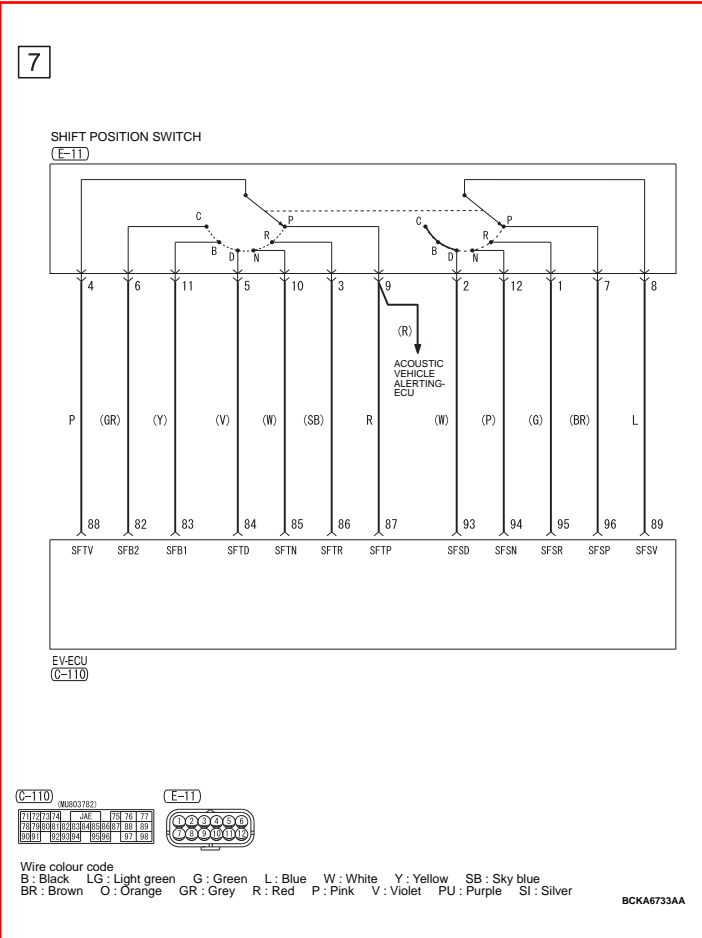


(B-11) MSB01331 1 2 3 4 5 6 7 8 9 10 11 12	(B-20) FRONT SIDE MSB01847 *2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	(B-24) MSB01515 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	(E-101) MSB01589 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	(B-120) MSB01515 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	(B-317) MSB03766 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	(C-102) MSB03766 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	(C-103) MSB01515 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	(C-108) MSB03781 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	(E-06) 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
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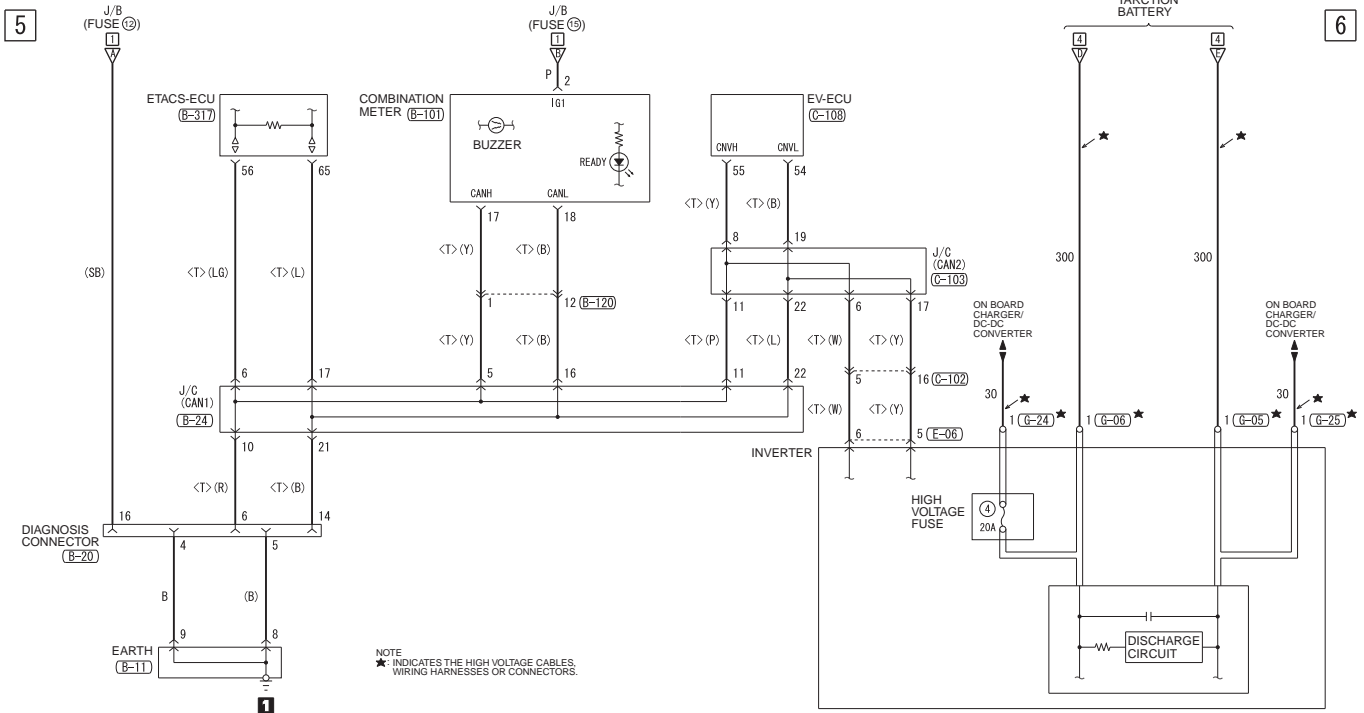
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Wire colour code
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TSB Revision

HIGH VOLTAGE POWER SUPPLY CONTROL SYSTEM (CONTINUED)

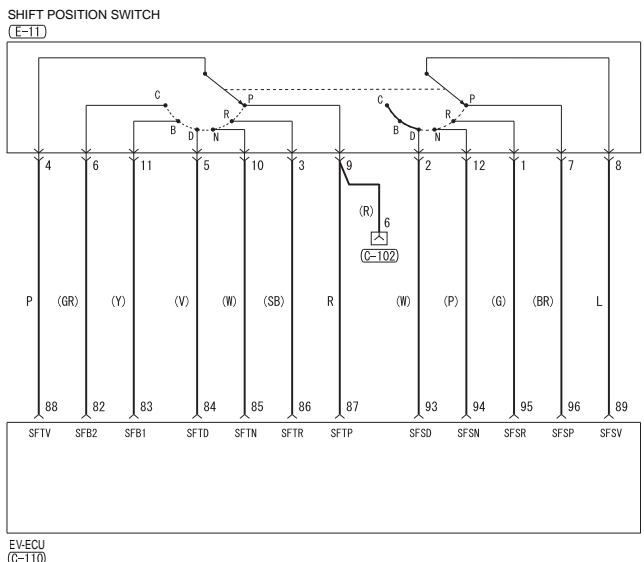


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(C-102)	(C-110) (MSB03792)	(E-11)
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