

**SUPPLEMENT FOR 6 CYLINDER
ENGINE MODEL**

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

FOREWORD**FW****HOW TO USE THIS MANUAL****HU****SPECIFICATIONS****SPC****PRECAUTION****PC****NOTE****NT****IDENTIFICATION****ID****RECOMMENDED MATERIALS****RM****PRE-DELIVERY INSPECTION****PI****PERIODICAL MAINTENANCE****PM**

**SUPPLEMENT FOR 6 CYLINDER
ENGINE MODEL****FUEL INJECTION (FUEL SYSTEMS) FU(H6)****EMISSION CONTROL
(AUX. EMISSION CONTROL DEVICES) EC(H6)****INTAKE (INDUCTION) IN(H6)****MECHANICAL ME(H6)****EXHAUST EX(H6)****COOLING CO(H6)****LUBRICATION LU(H6)****SPEED CONTROL SYSTEMS SP(H6)****IGNITION IG(H6)****START/CHARGING SYSTEMS SC(H6)****ENGINE (DIAGNOSTICS) EN(H6)****REAR SUSPENSION RS****WIRING SYSTEM WI**

WIRING SYSTEM



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GENERAL DIAGNOSTIC TABLE

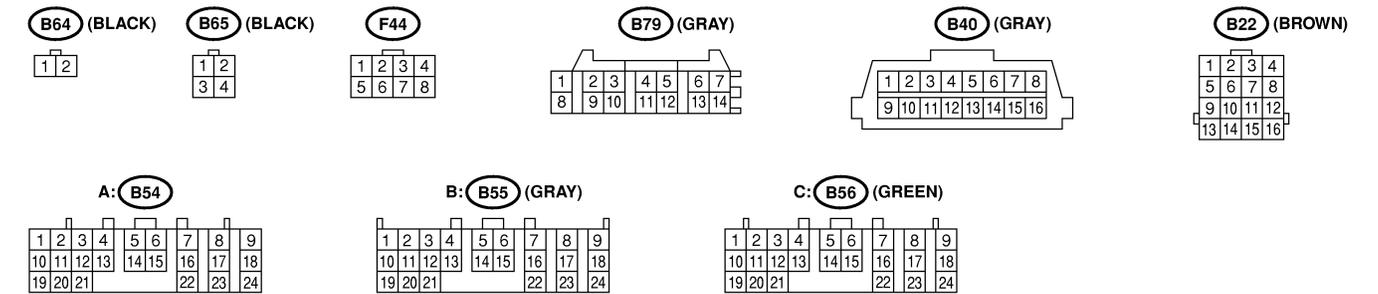
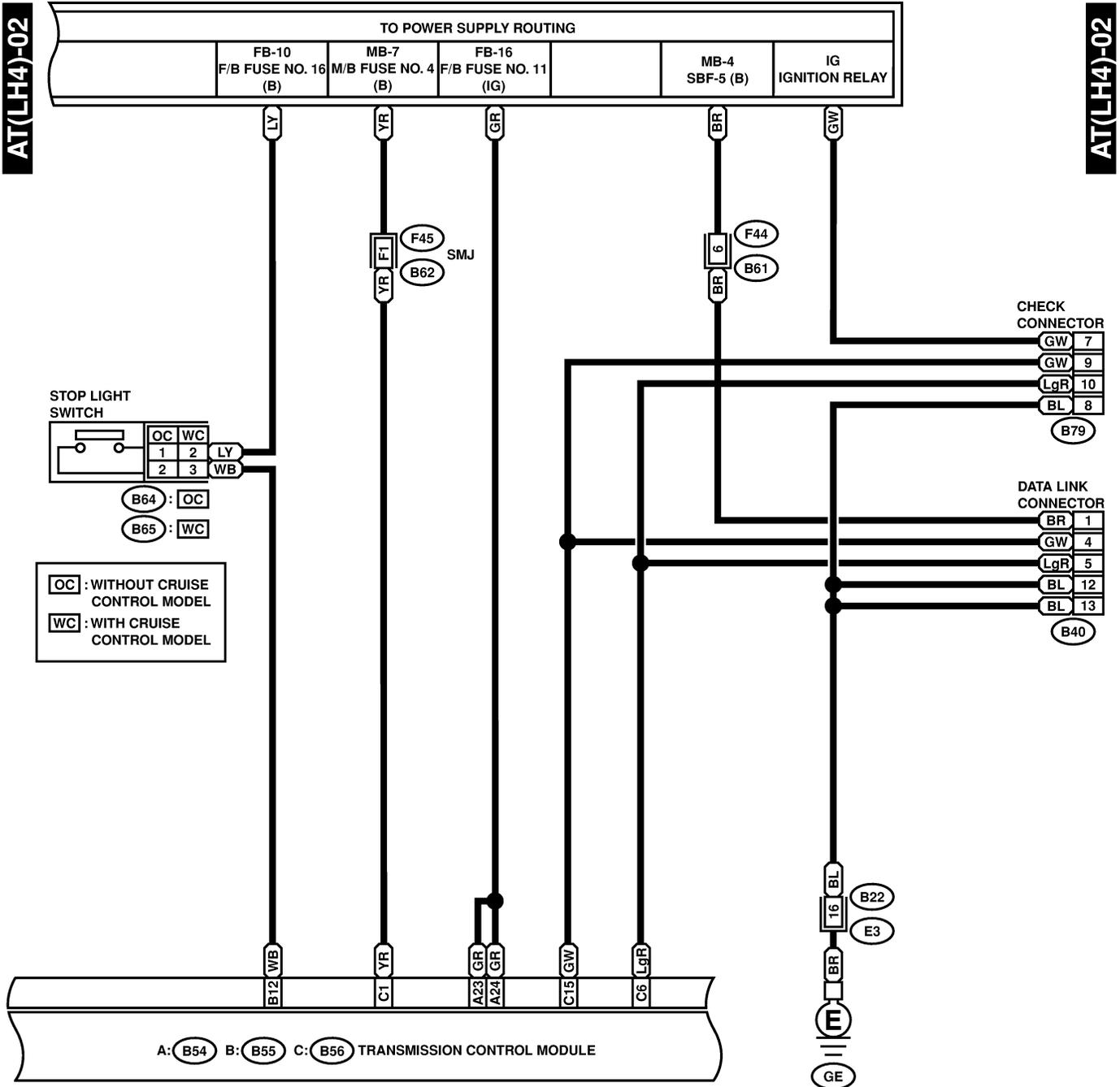
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9. A/T Control System S903485

A: SCHEMATIC S903485A21

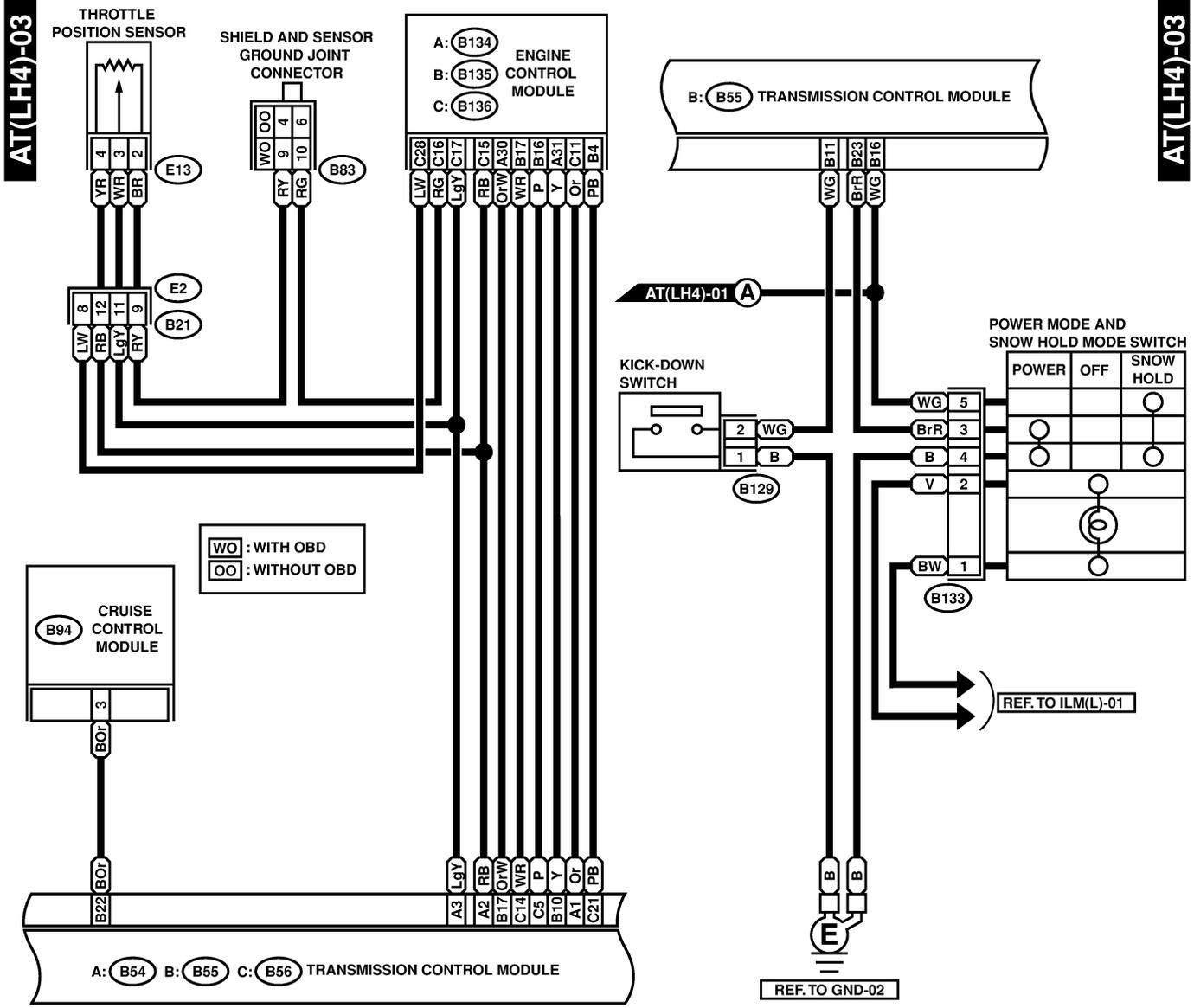
A/T CONTROL SYSTEM

Wiring System

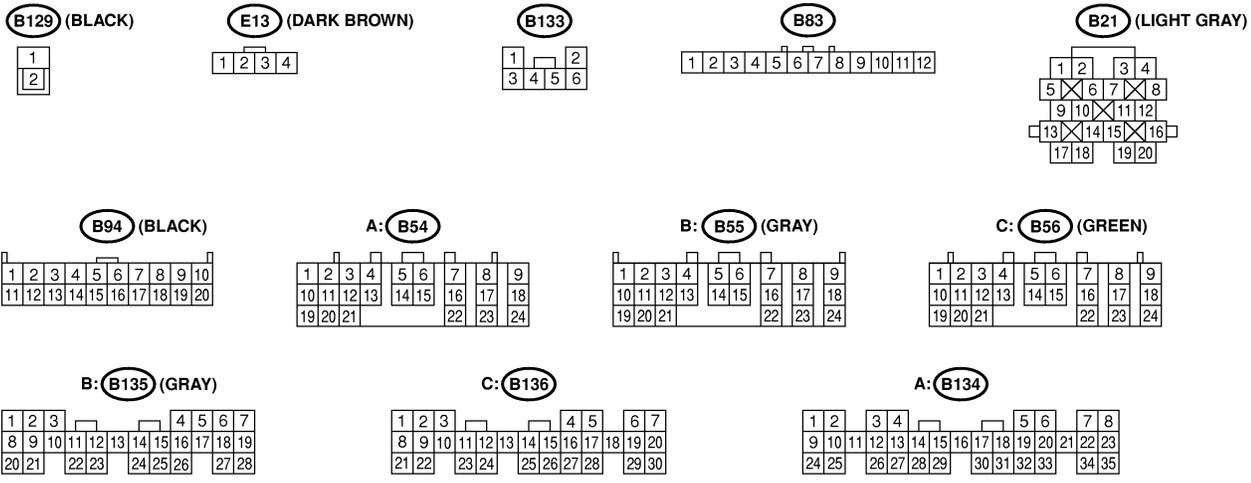


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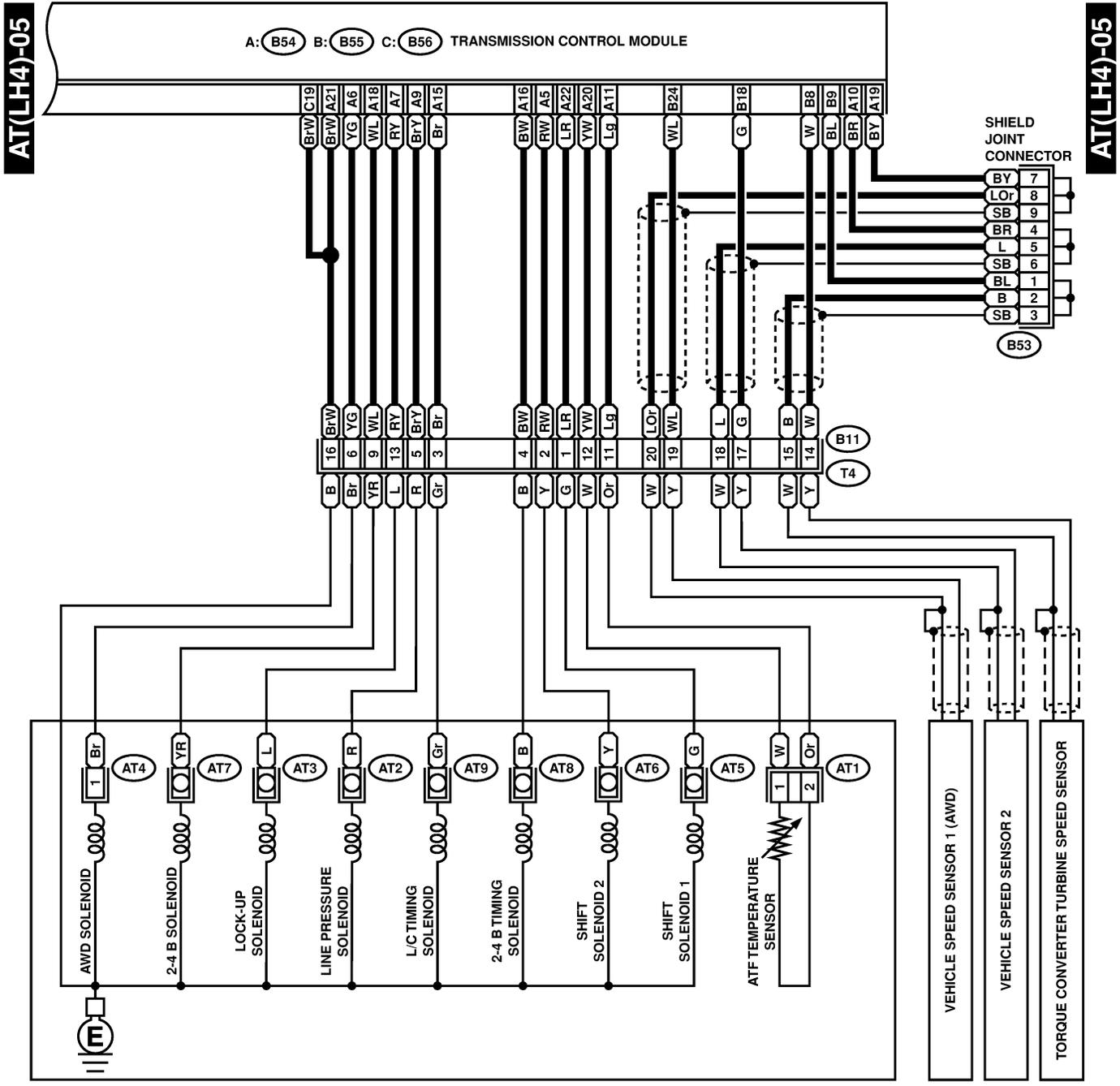


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A/T CONTROL SYSTEM

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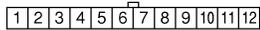
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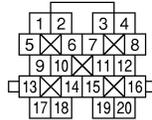
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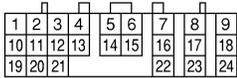
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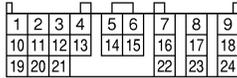
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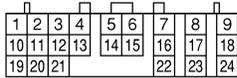
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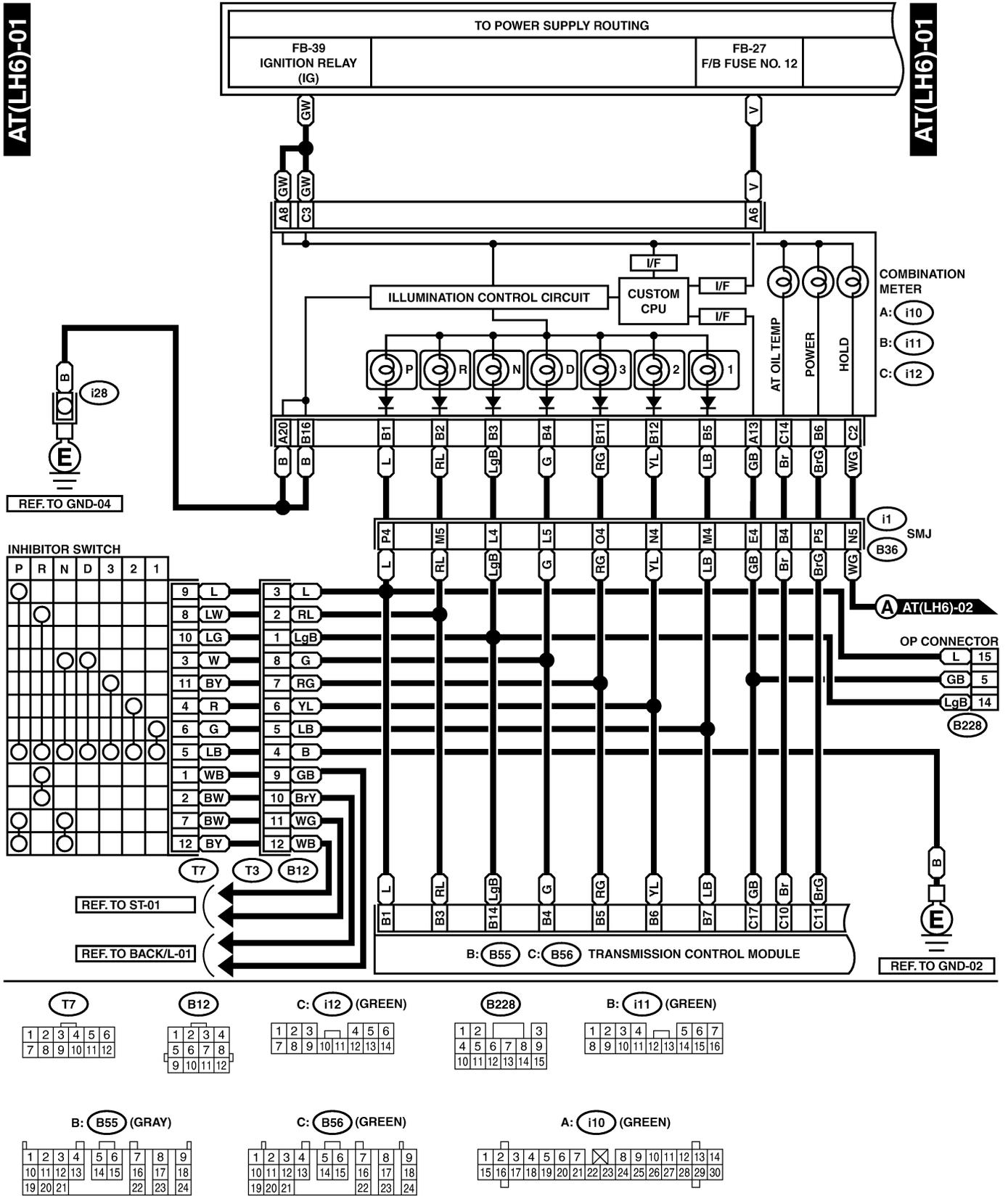
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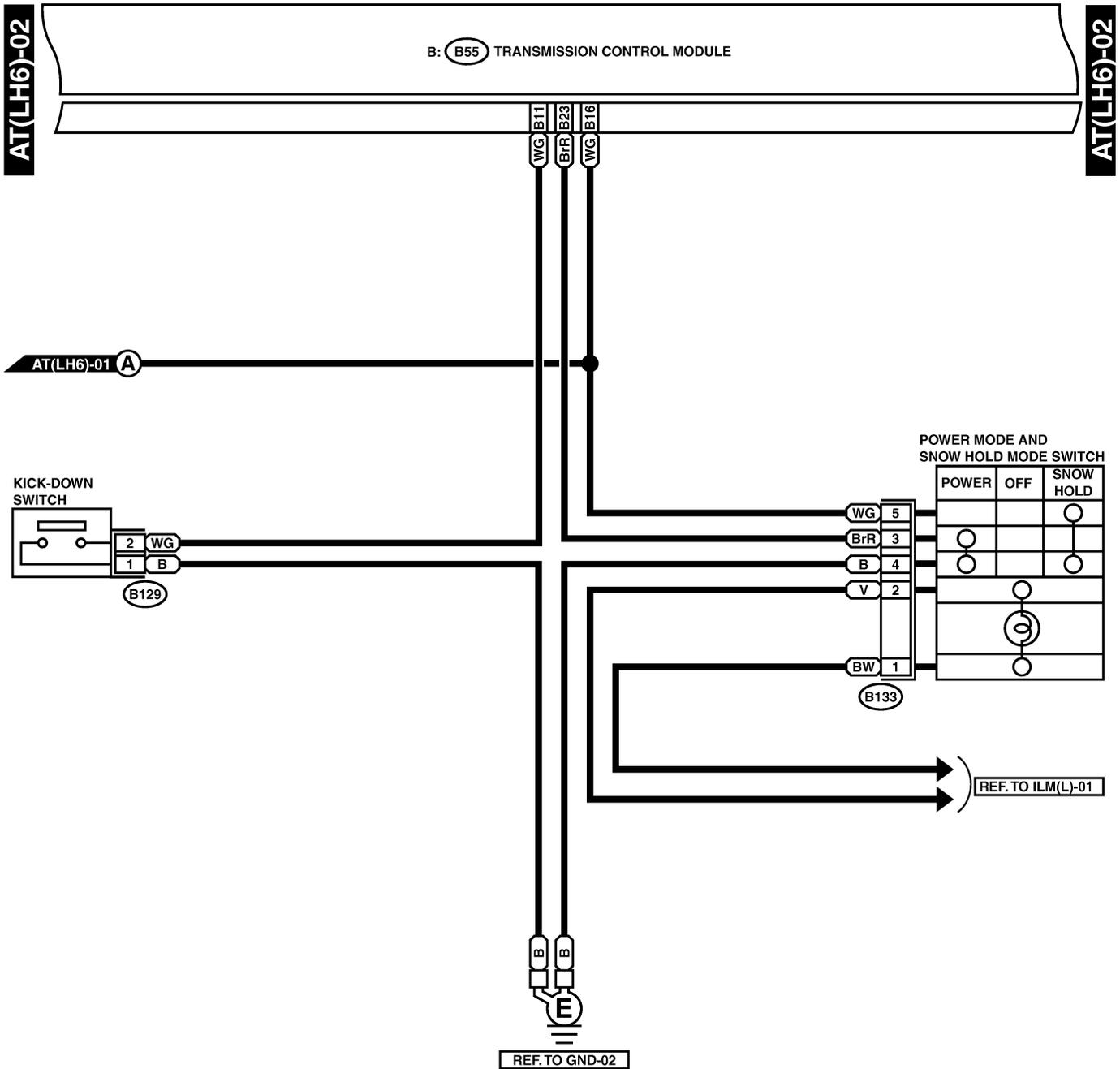
Wiring System

2. LHD-H6 MODEL S903485A2107



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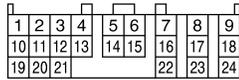
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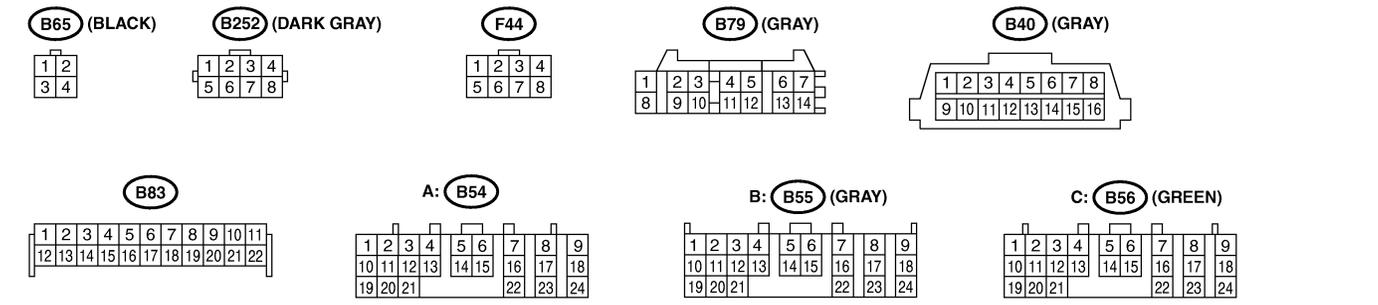
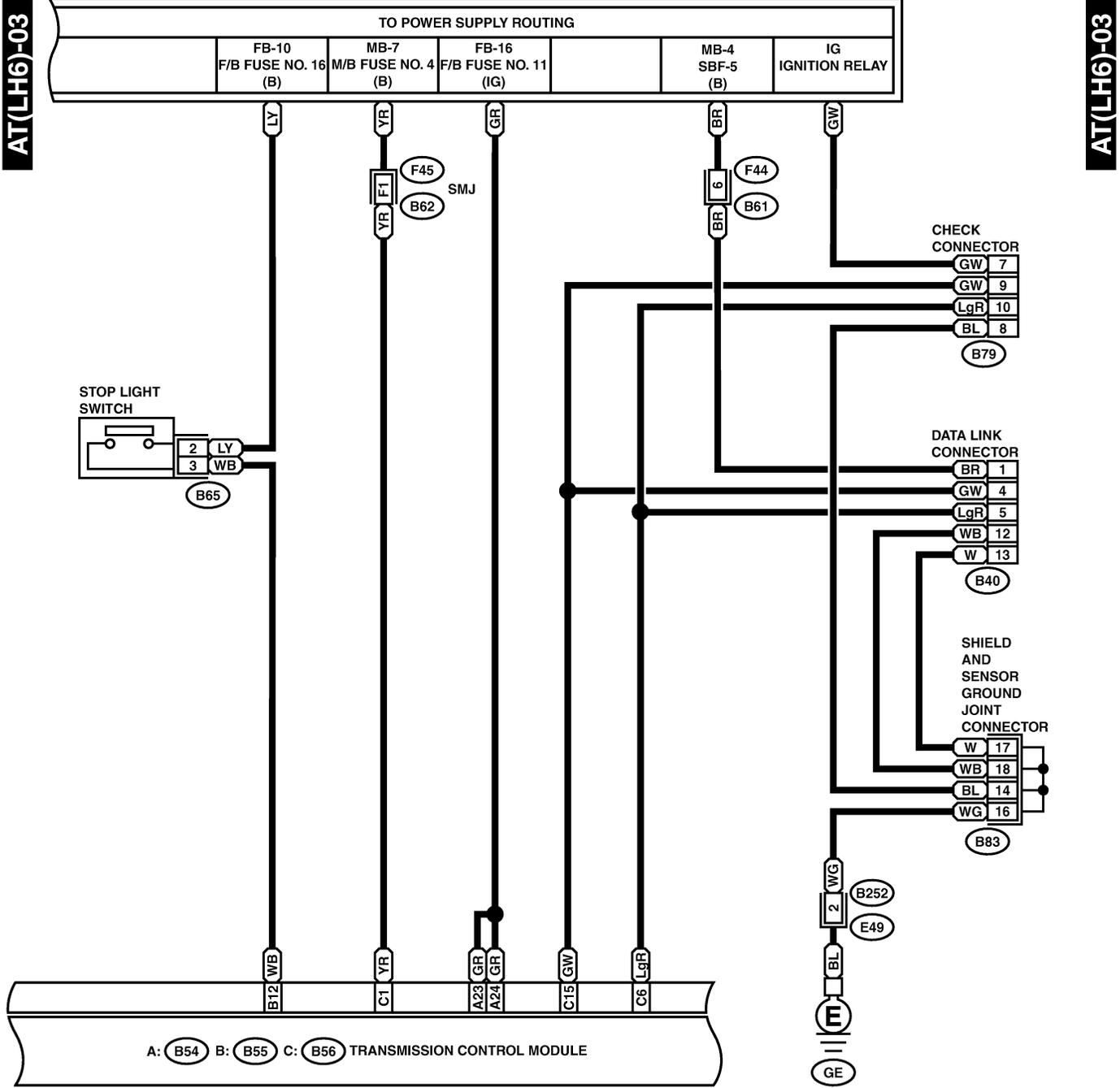


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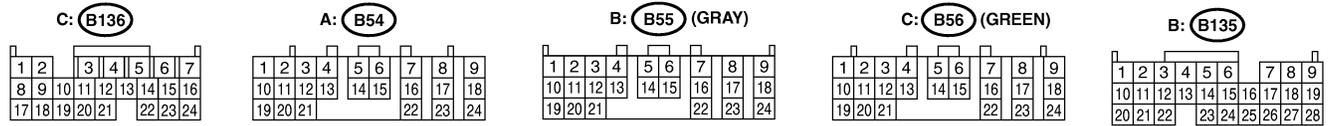
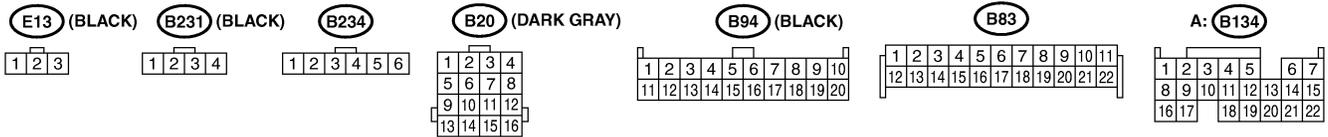
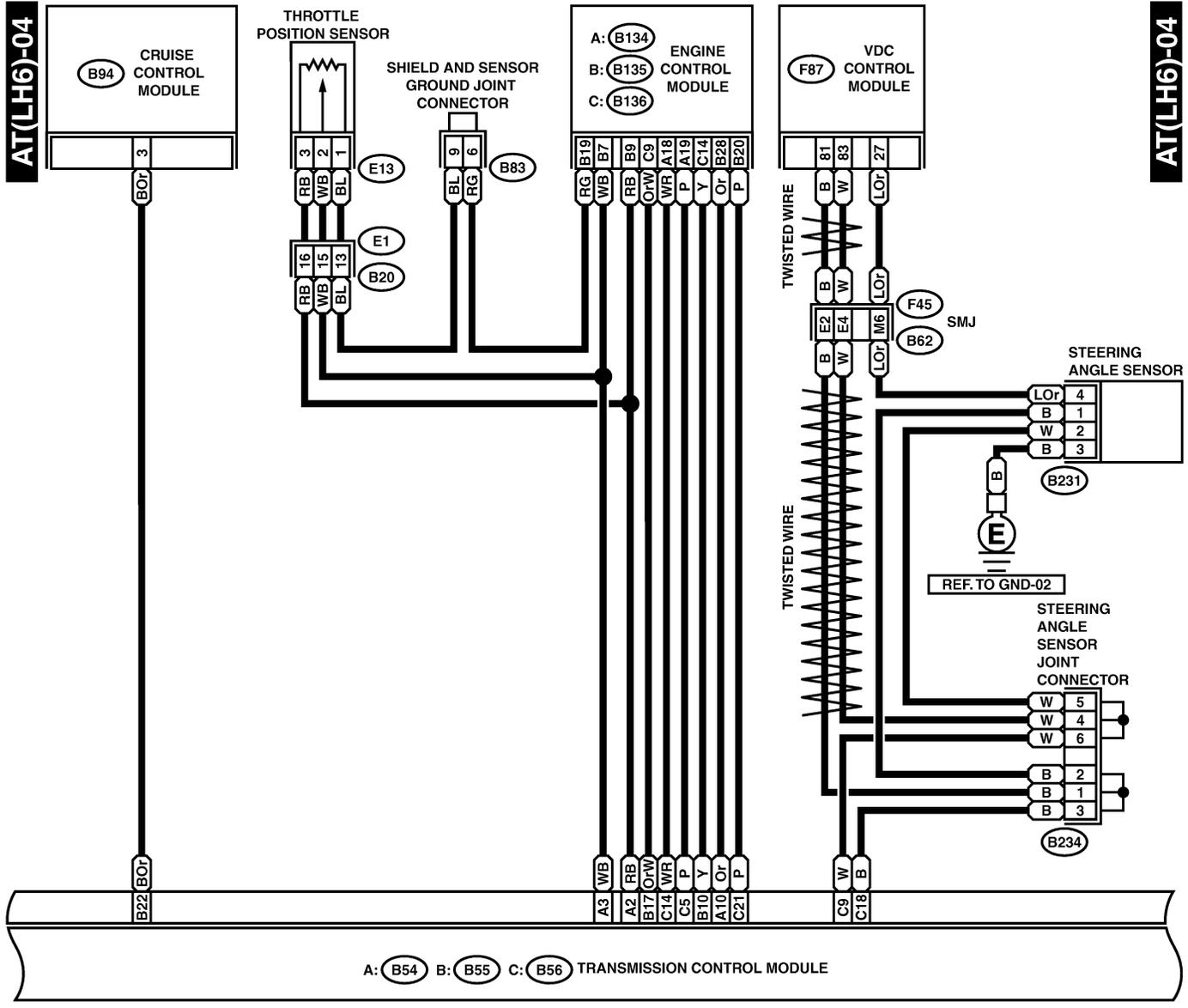
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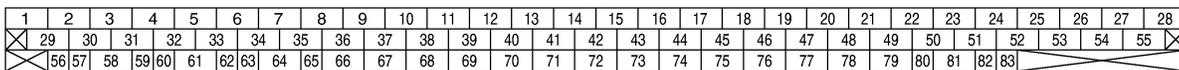


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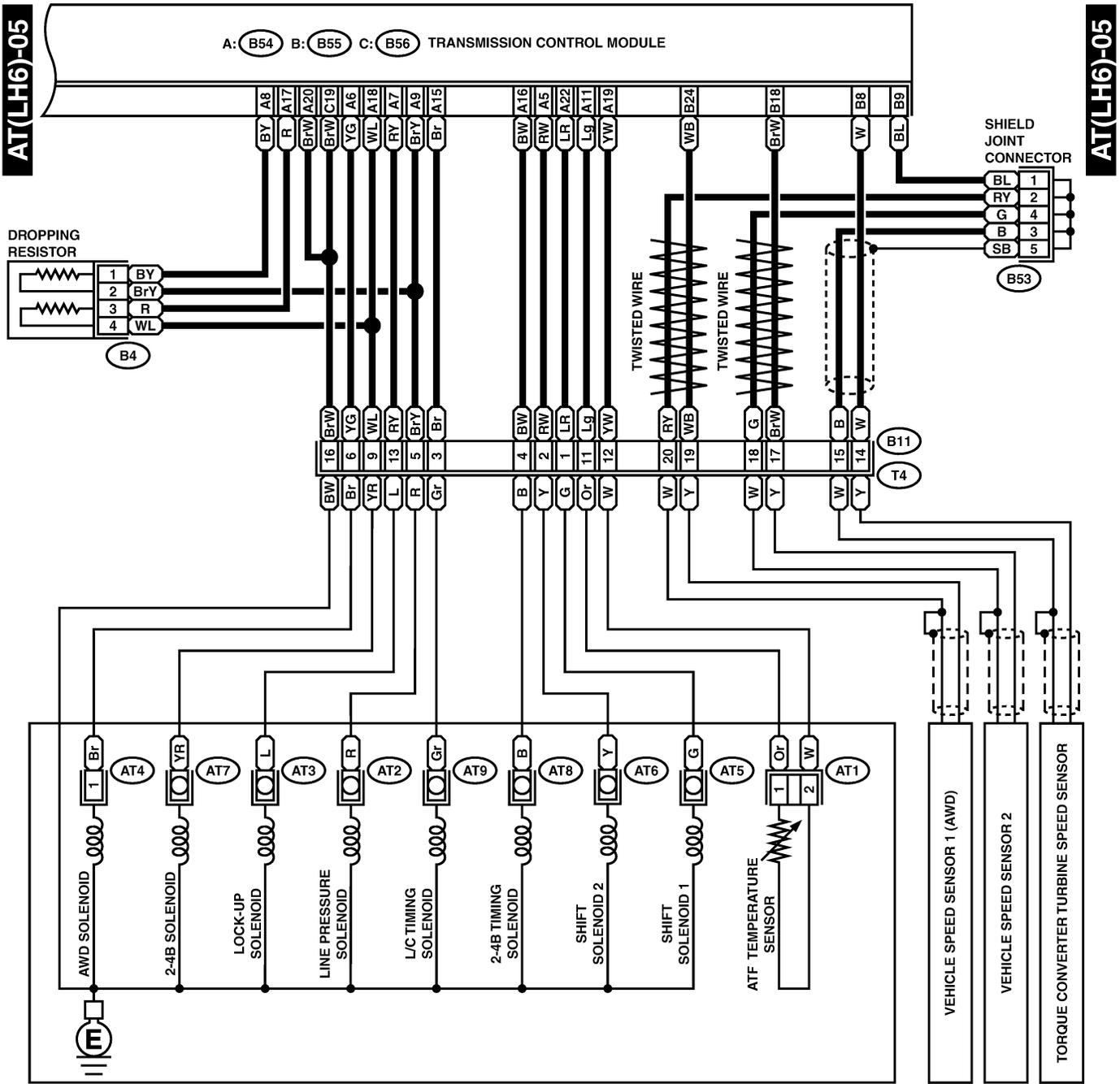


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A/T CONTROL SYSTEM

Wiring System



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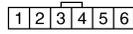
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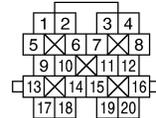
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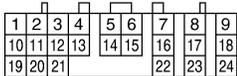
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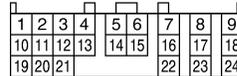
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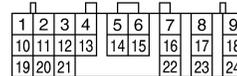
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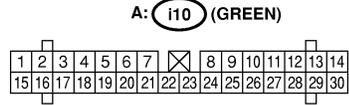
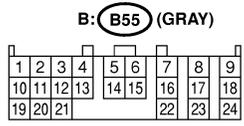
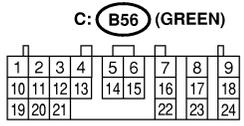
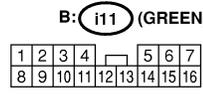
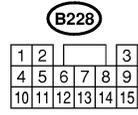
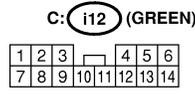
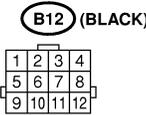
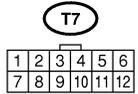
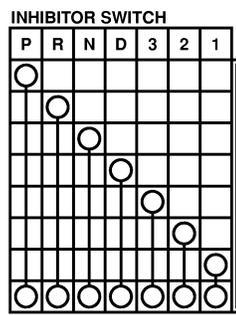
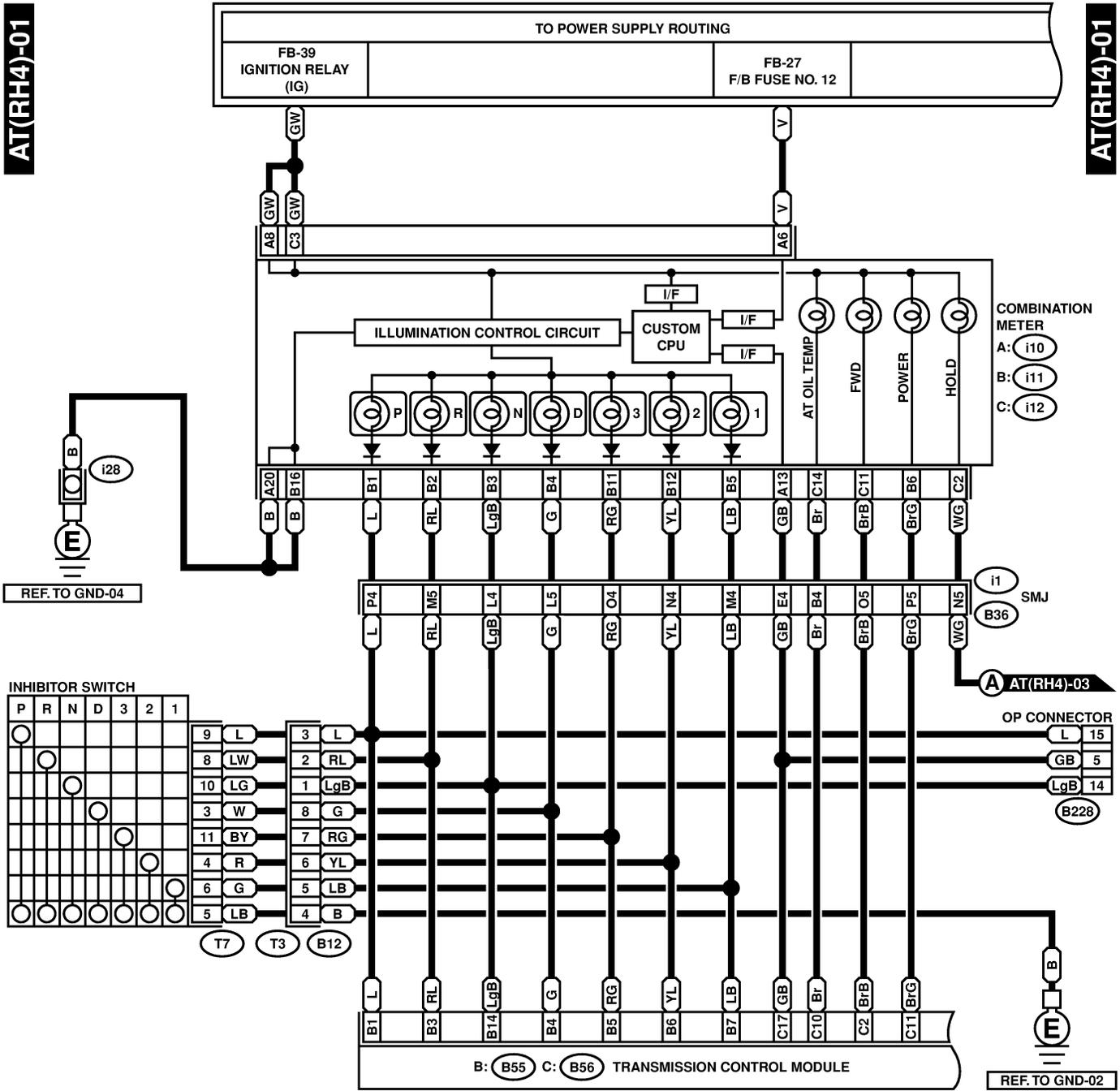
A/T CONTROL SYSTEM

Wiring System

3. RHD-H4 MODEL S903485A2108

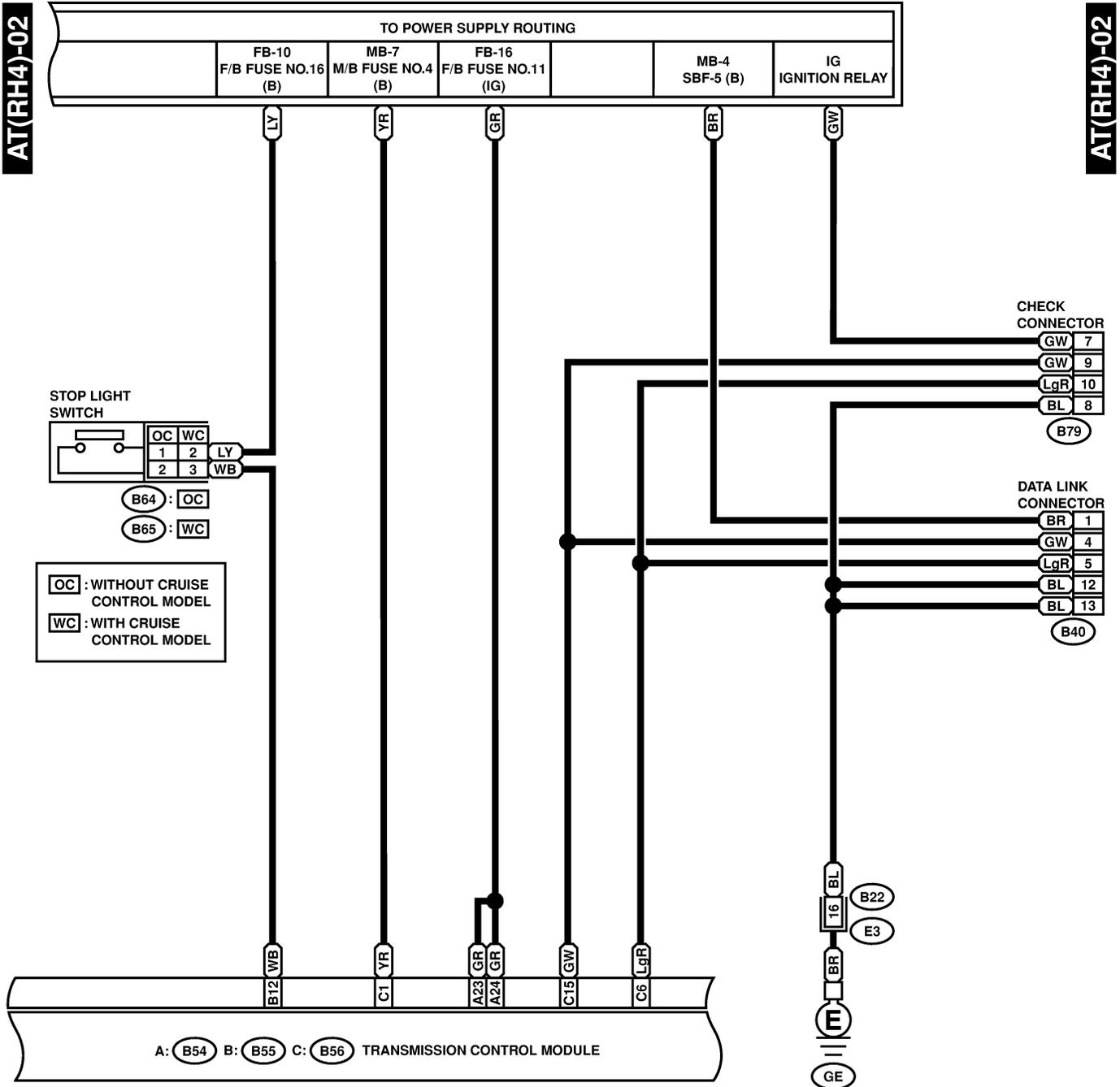
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A/T CONTROL SYSTEM

Wiring System



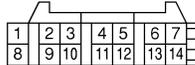
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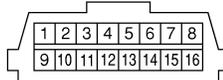
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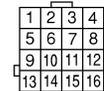
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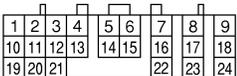
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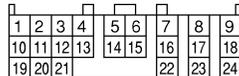
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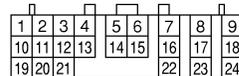
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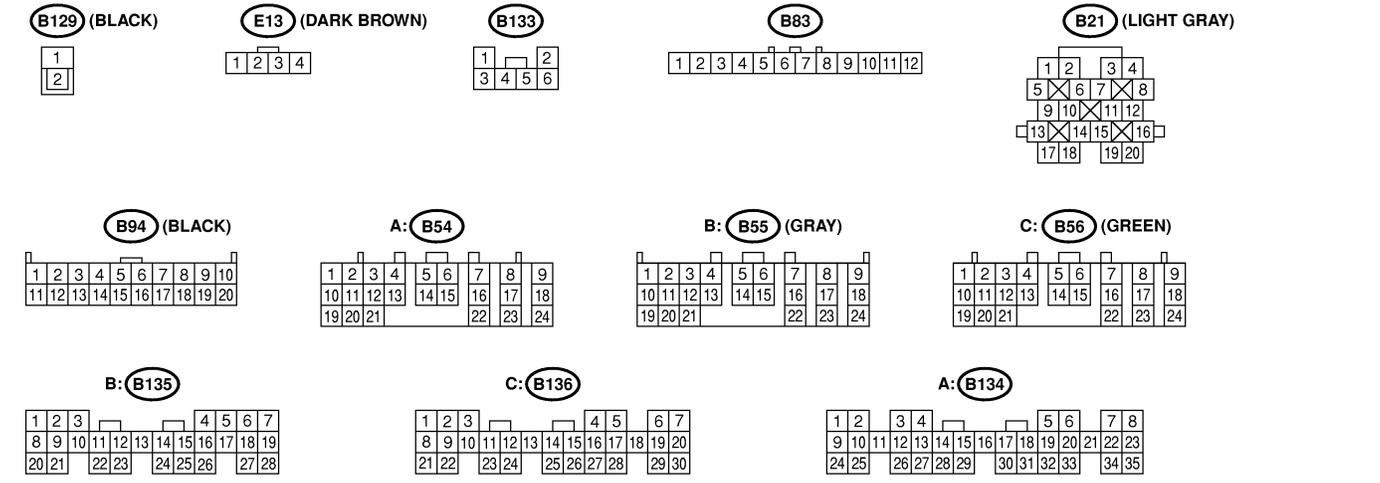
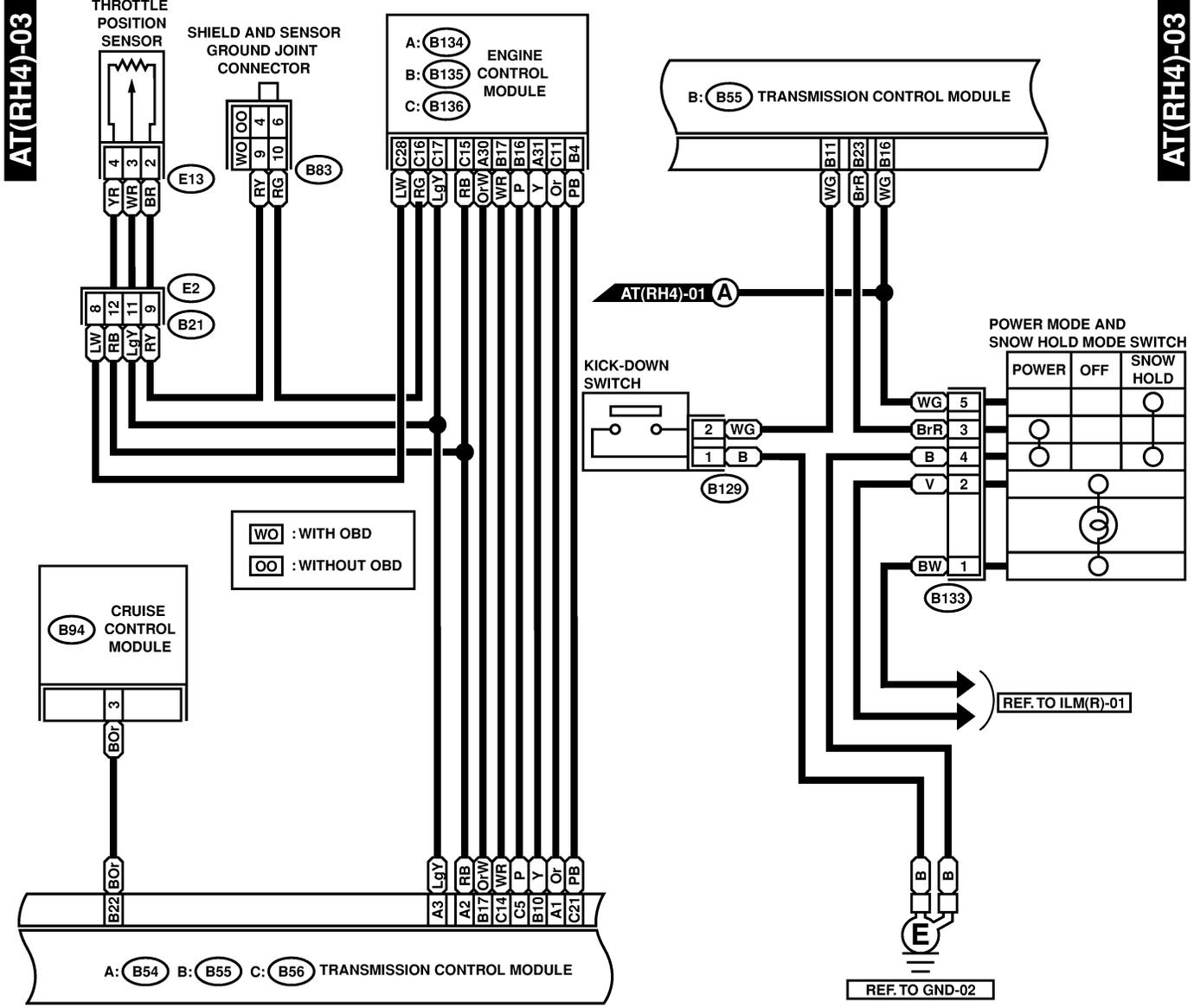


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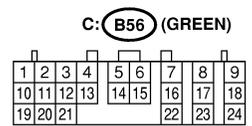
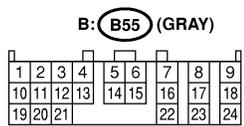
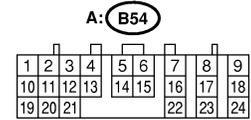
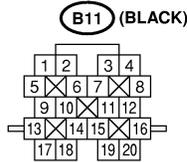
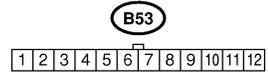
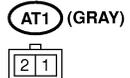
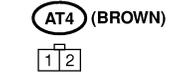
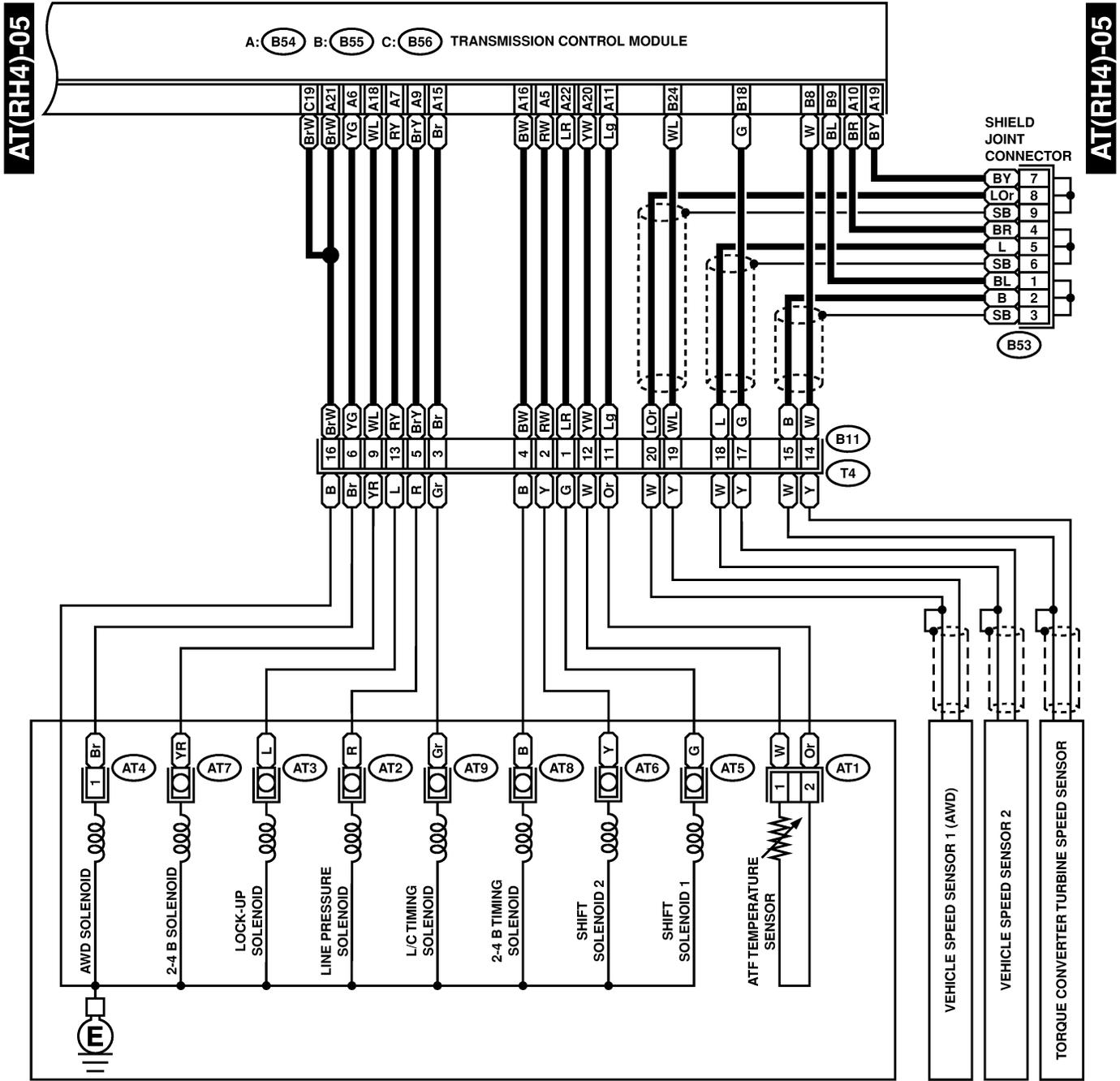
A/T CONTROL SYSTEM

Wiring System



A/T CONTROL SYSTEM

Wiring System



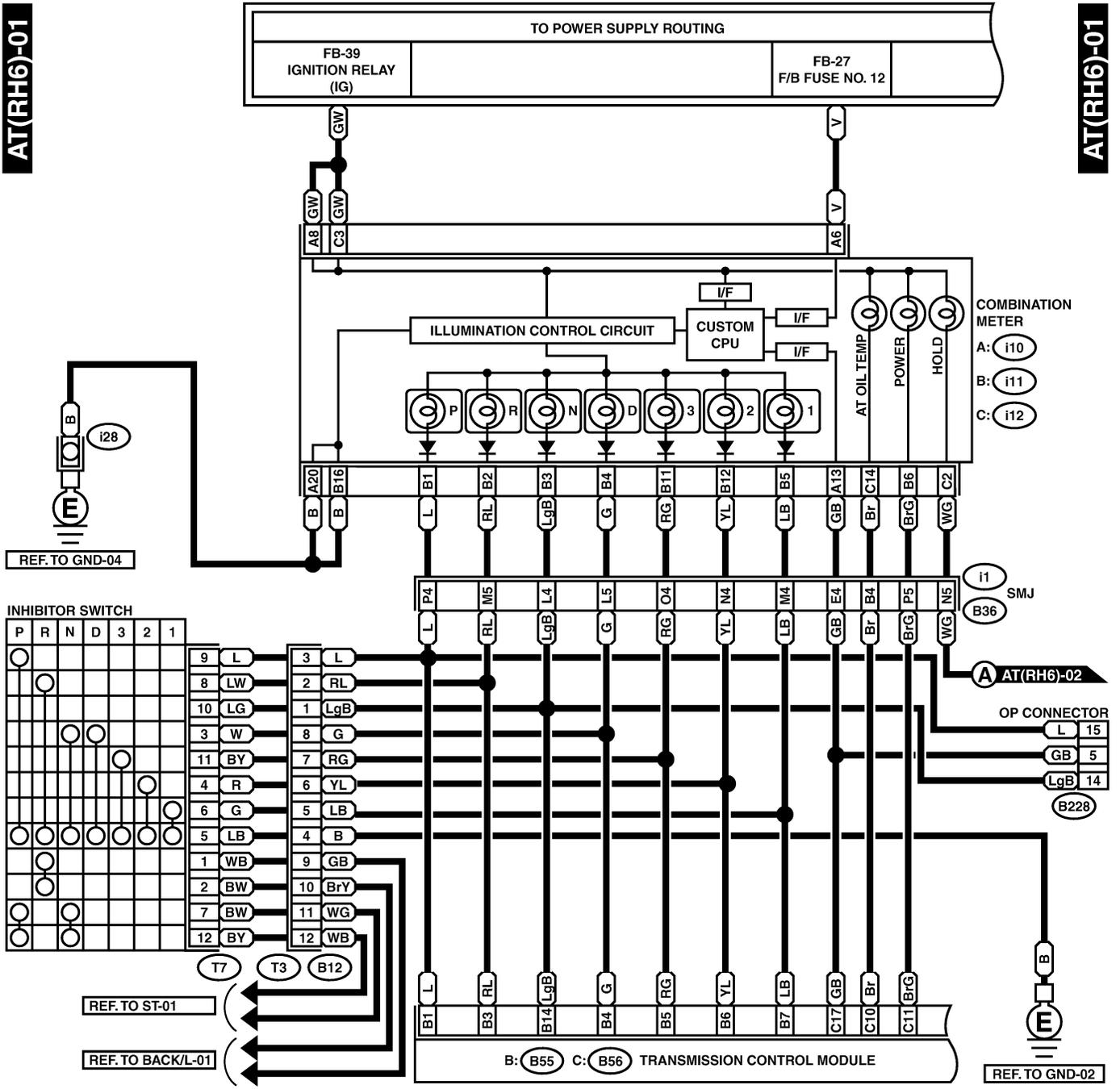
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Wiring System

4. RHD-H6 MODEL S903485A2109

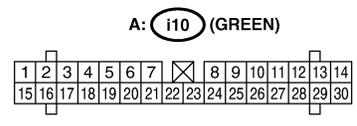
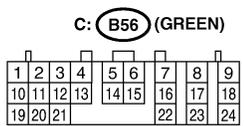
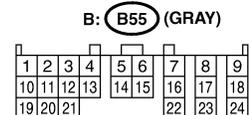
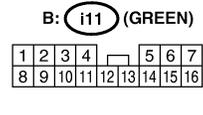
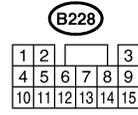
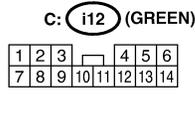
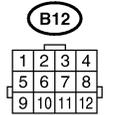
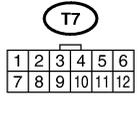
AT(RH6)-01

AT(RH6)-01



INHIBITOR SWITCH

P	R	N	D	3	2	1
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
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○	○	○	○	○	○	○
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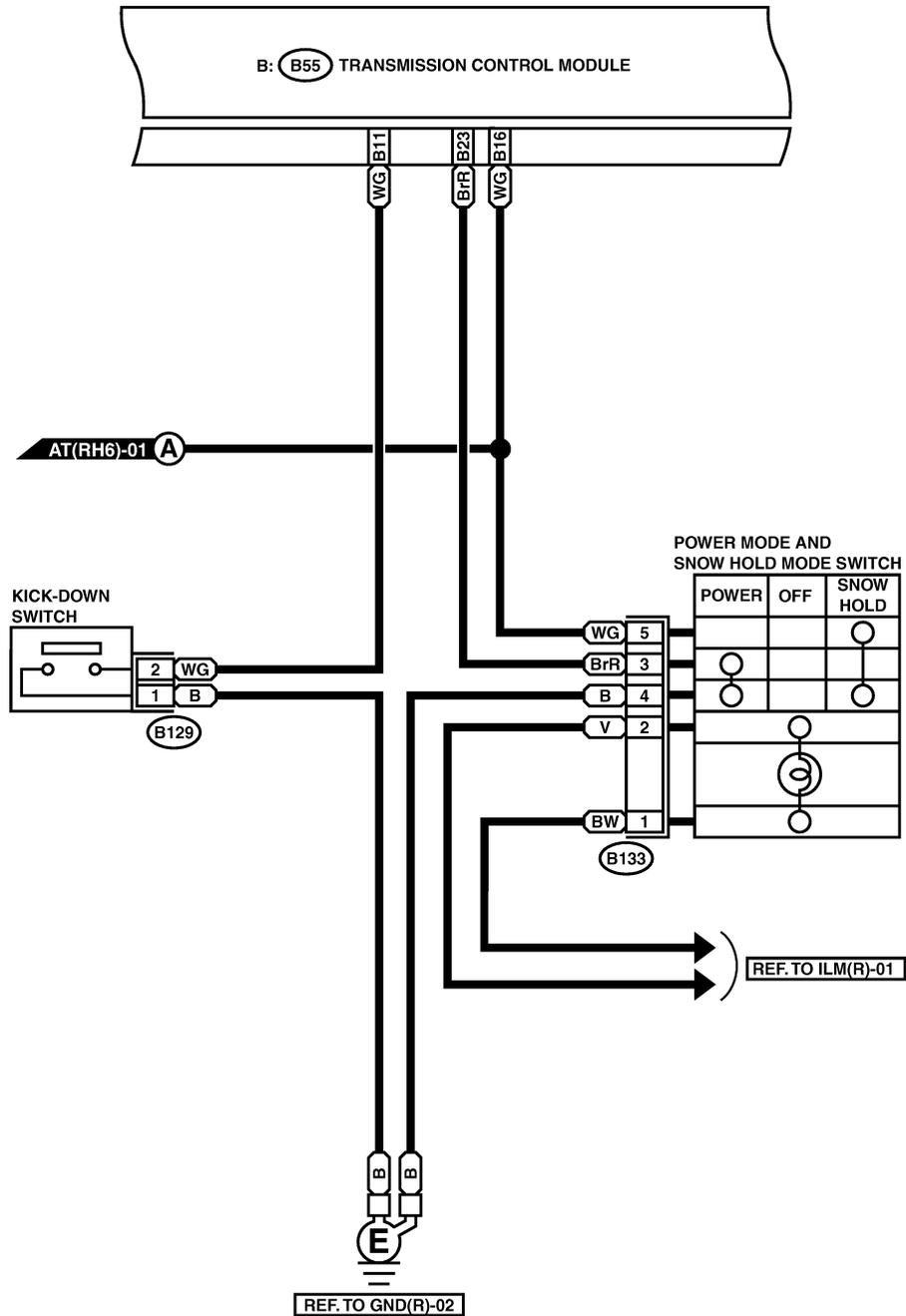


A/T CONTROL SYSTEM

Wiring System

AT(RH6)-02

AT(RH6)-02



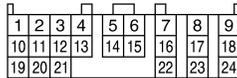
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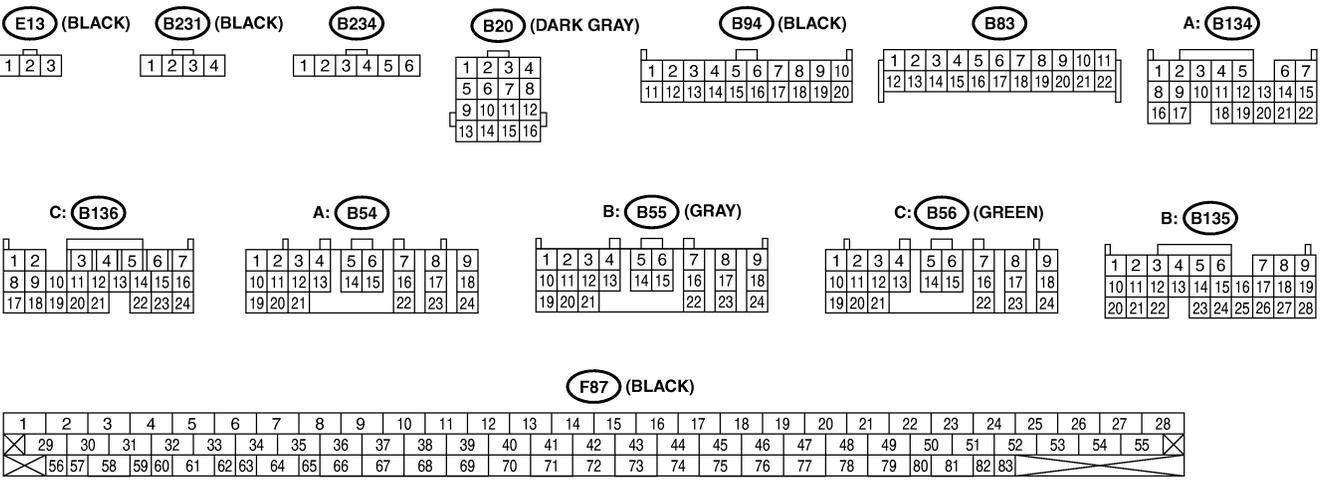
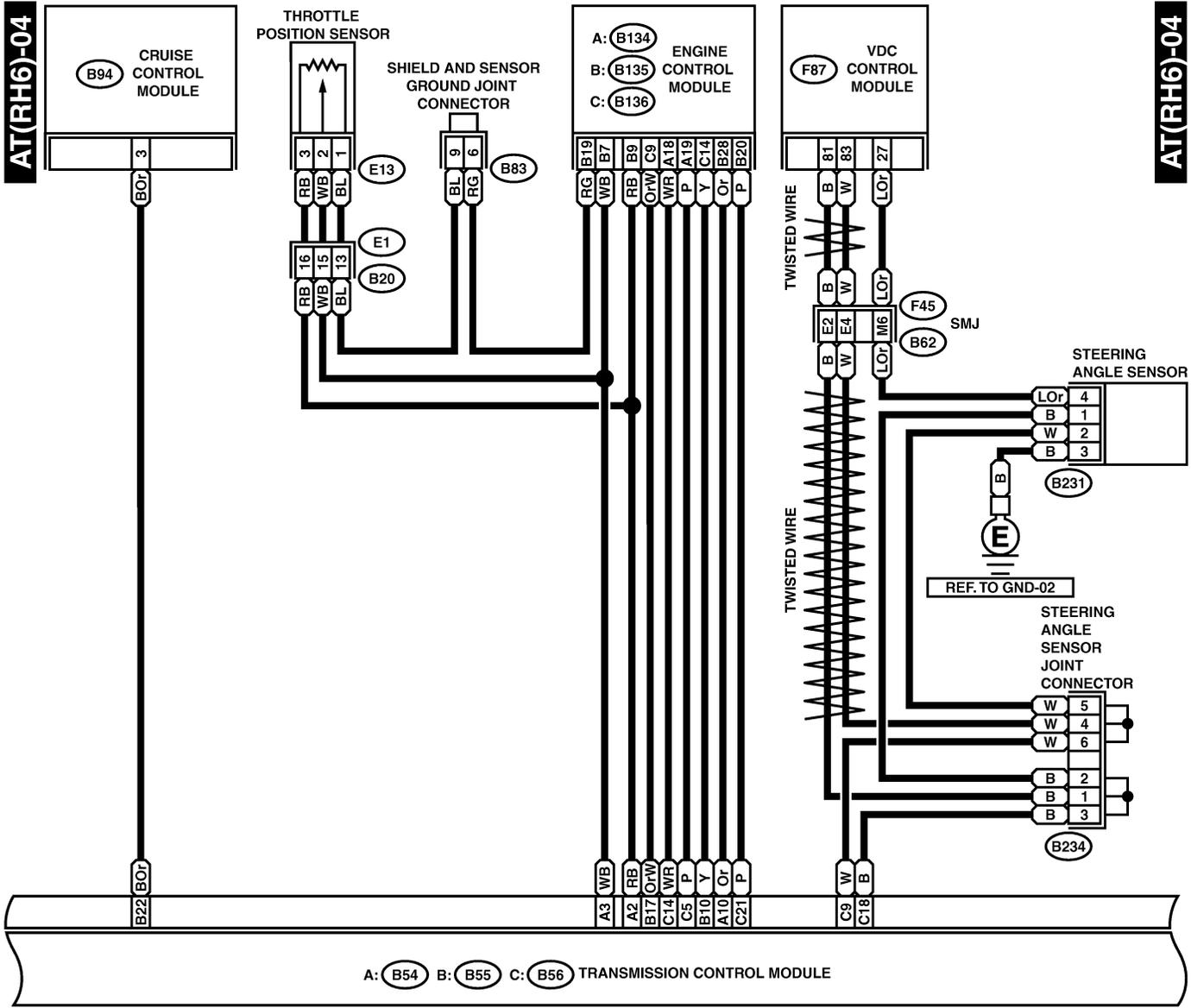


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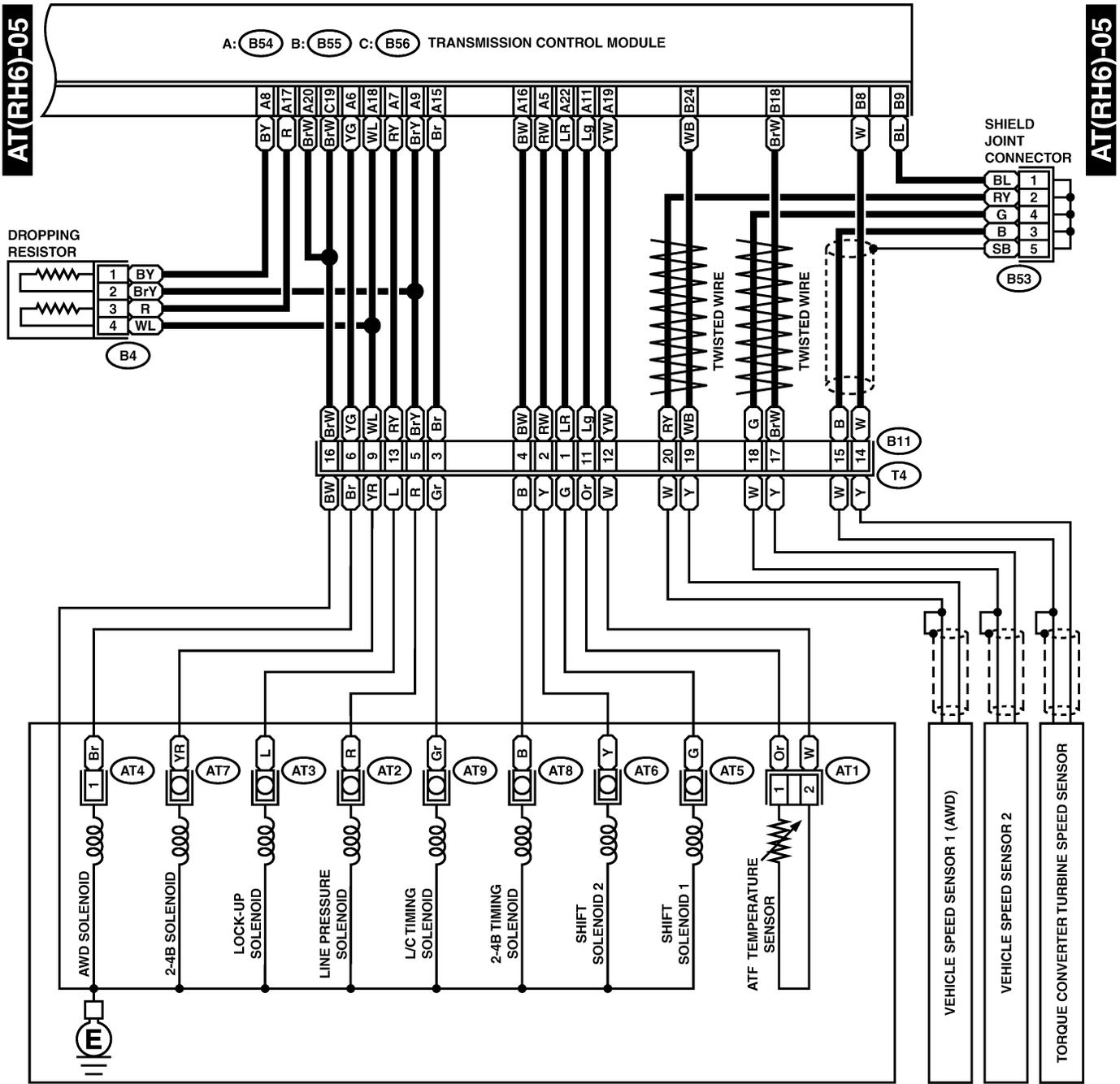
A/T CONTROL SYSTEM

Wiring System



A/T CONTROL SYSTEM

Wiring System



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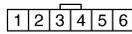
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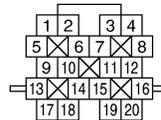
B4 (GRAY)



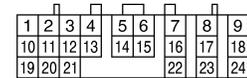
B53 (GRAY)



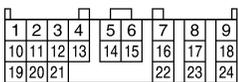
B11 (BLACK)



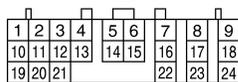
A: B54



B: B55 (GRAY)



C: B56 (GREEN)



A/T CONTROL SYSTEM

Wiring System

MEMO:

10. Audio System S903486

A: SCHEMATIC S903486A21

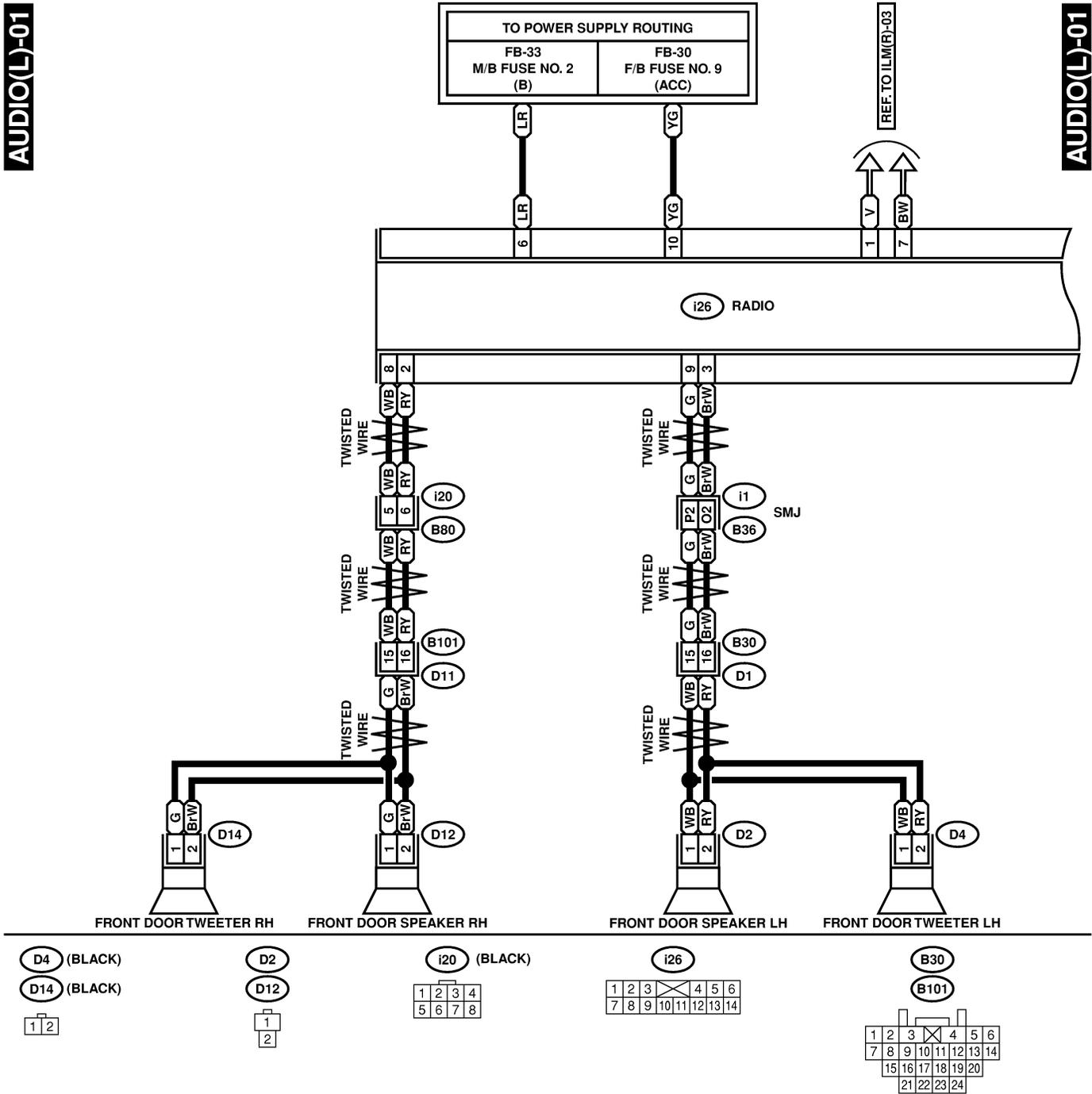
AUDIO SYSTEM

Wiring System

1. LHD MODEL S903486A2101

AUDIO(L)-01

AUDIO(L)-01

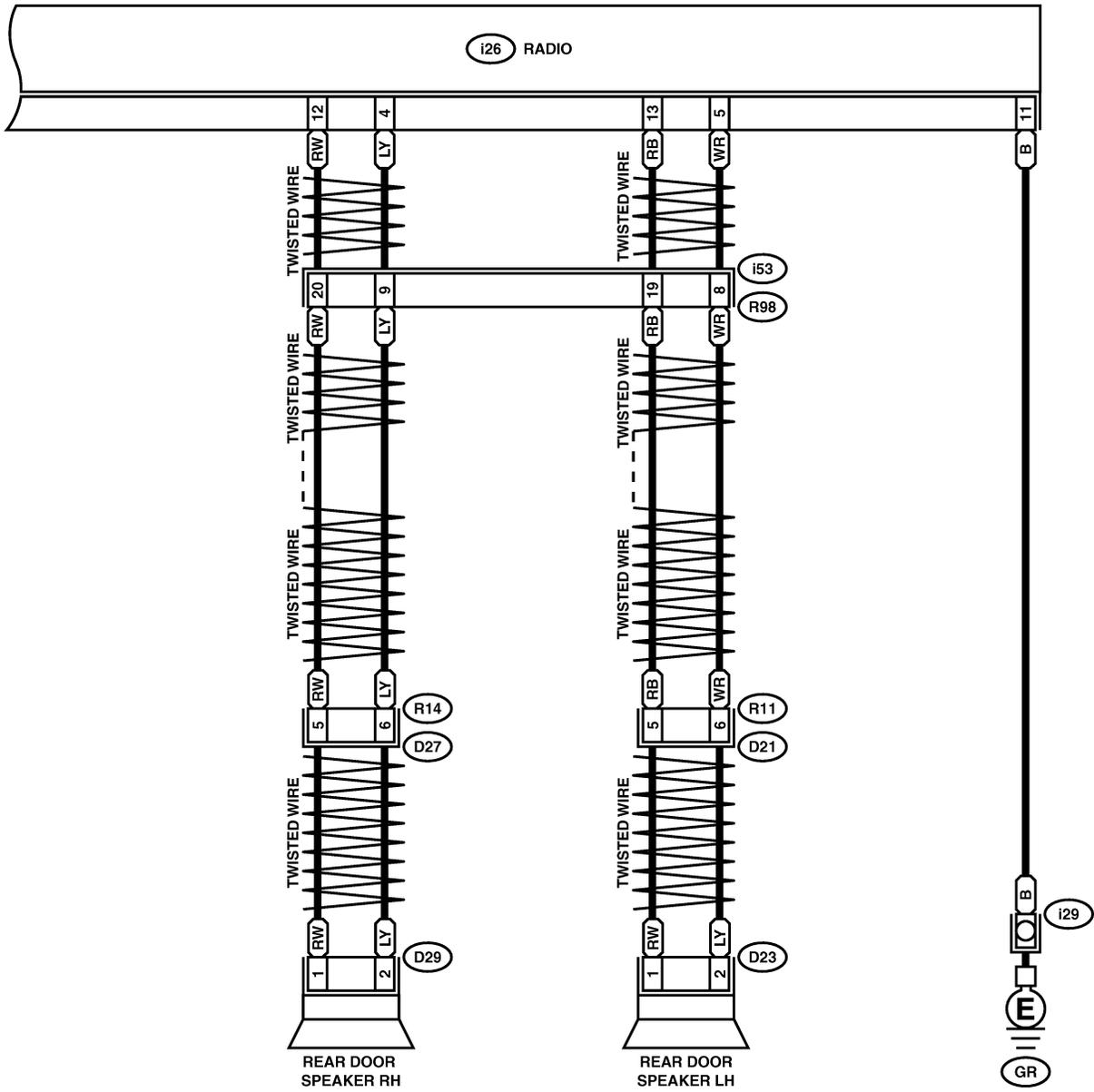


AUDIO SYSTEM

Wiring System

AUDIO(L)-02

AUDIO(L)-02

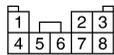


D23 (BLACK)

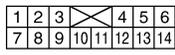
D29 (BLACK)



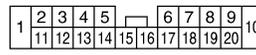
R11 R14



i26



R98 (BLUE)



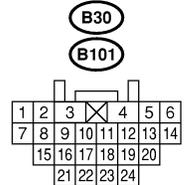
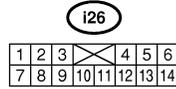
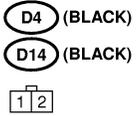
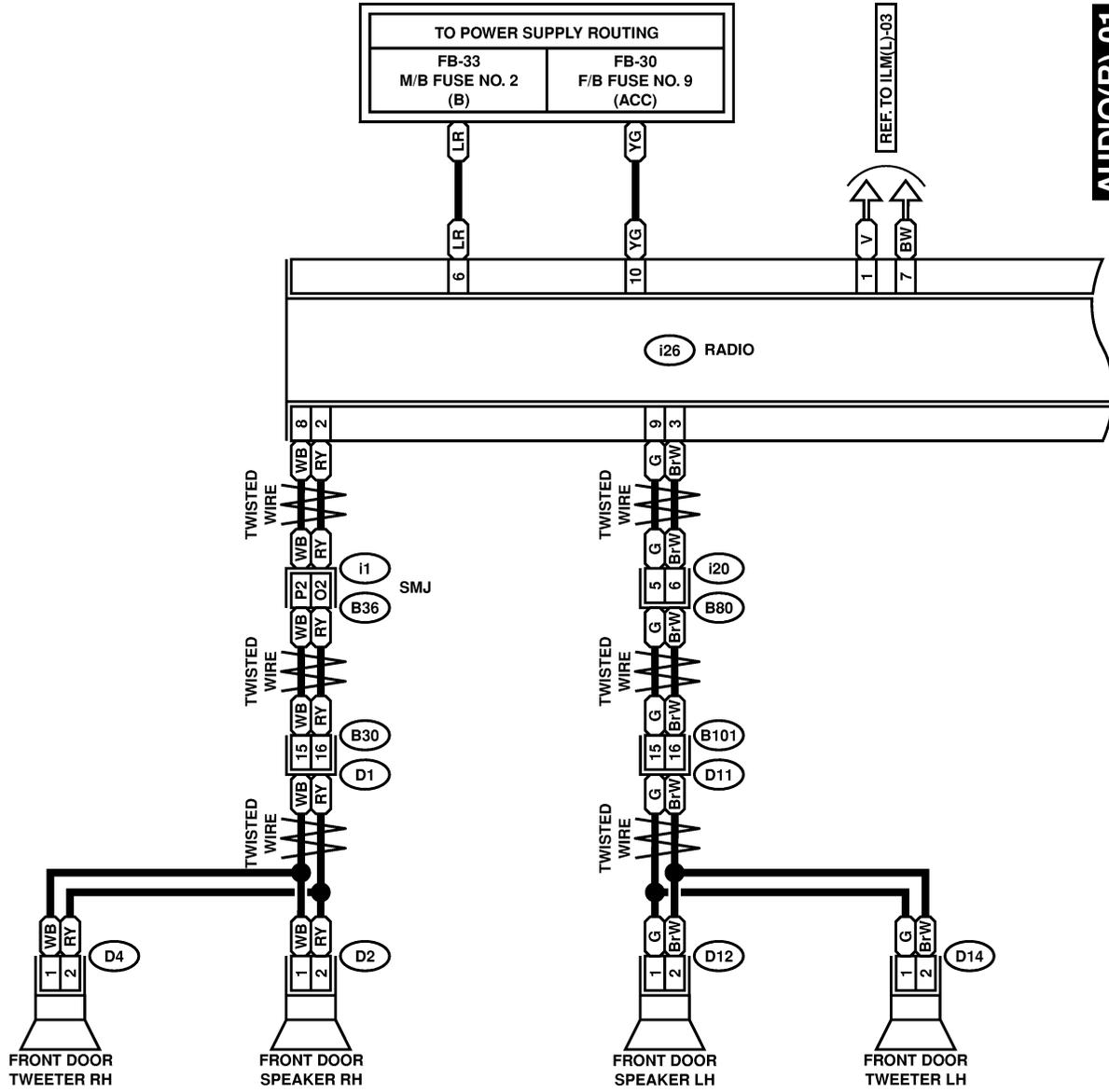
AUDIO SYSTEM

Wiring System

2. RHD MODEL S903486A2102

AUDIO(R)-01

AUDIO(R)-01



CHARGING SYSTEM

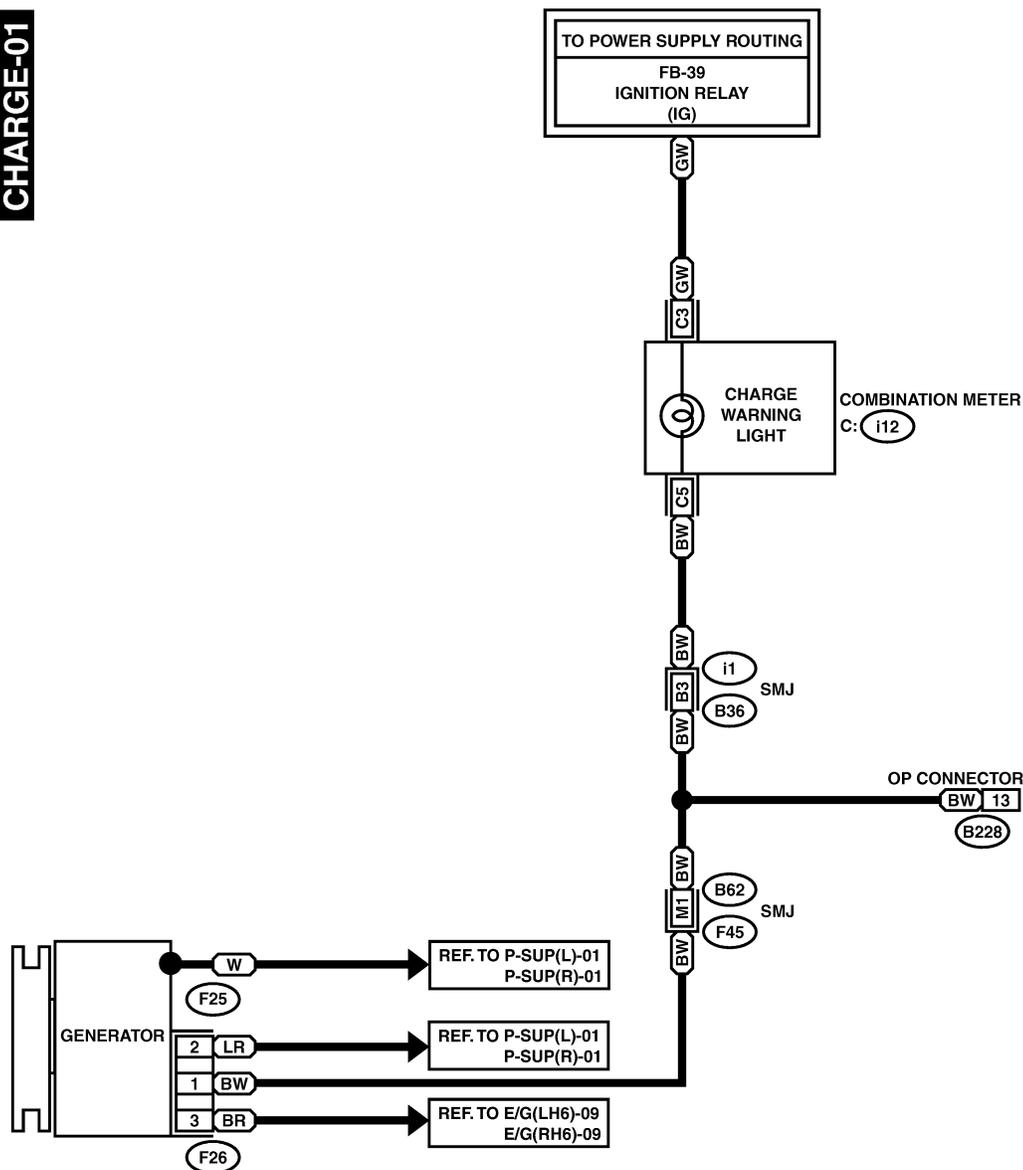
Wiring System

11. Charging System S903487

A: SCHEMATIC S903487A21

CHARGE-01

CHARGE-01



F26 (GREEN)

1	2	3
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C: i12 (GREEN)

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

B228

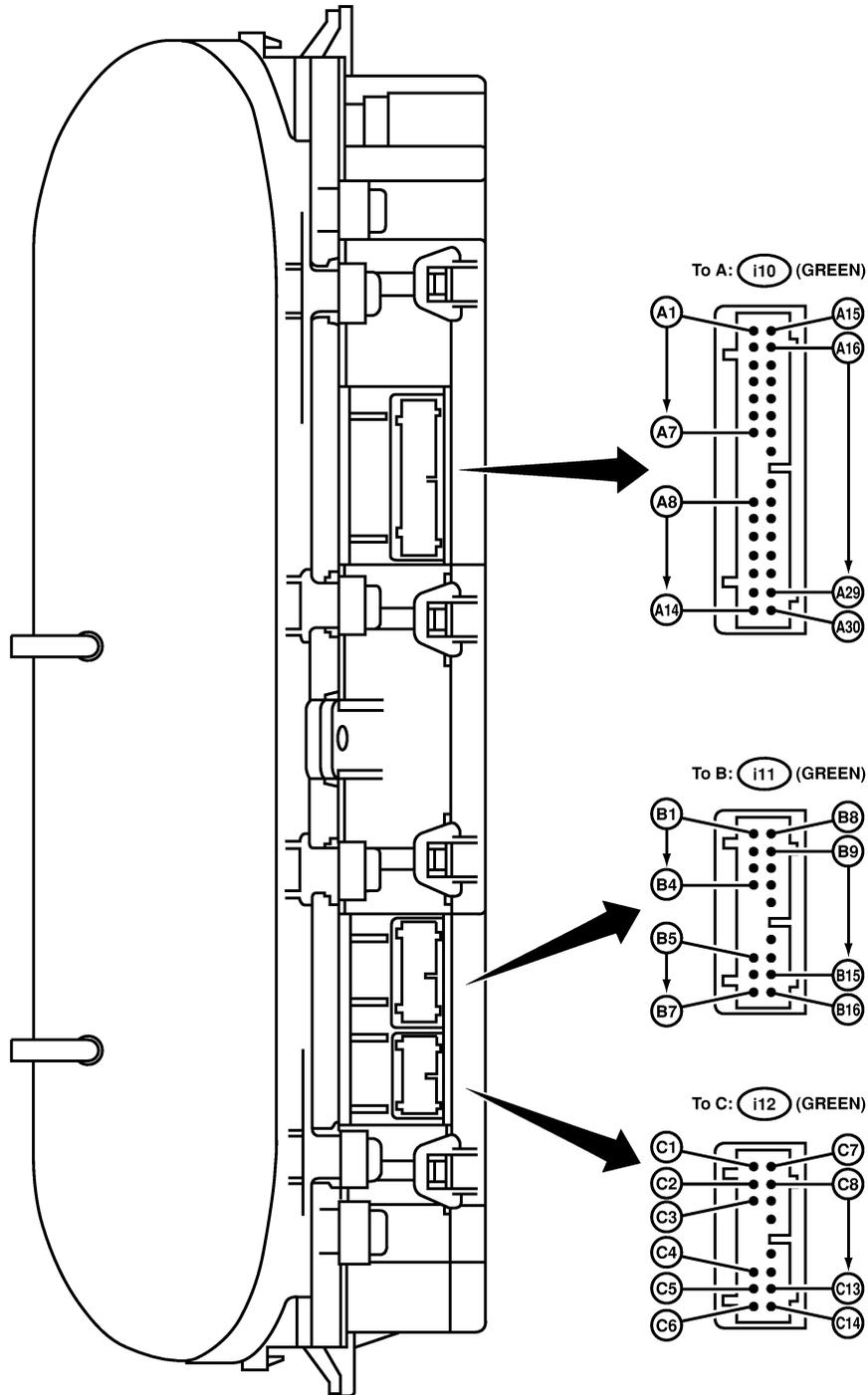
1	2	3			
4	5	6	7	8	9
10	11	12	13	14	15

12. Combination Meter S903488

A: SCHEMATIC S903488A21

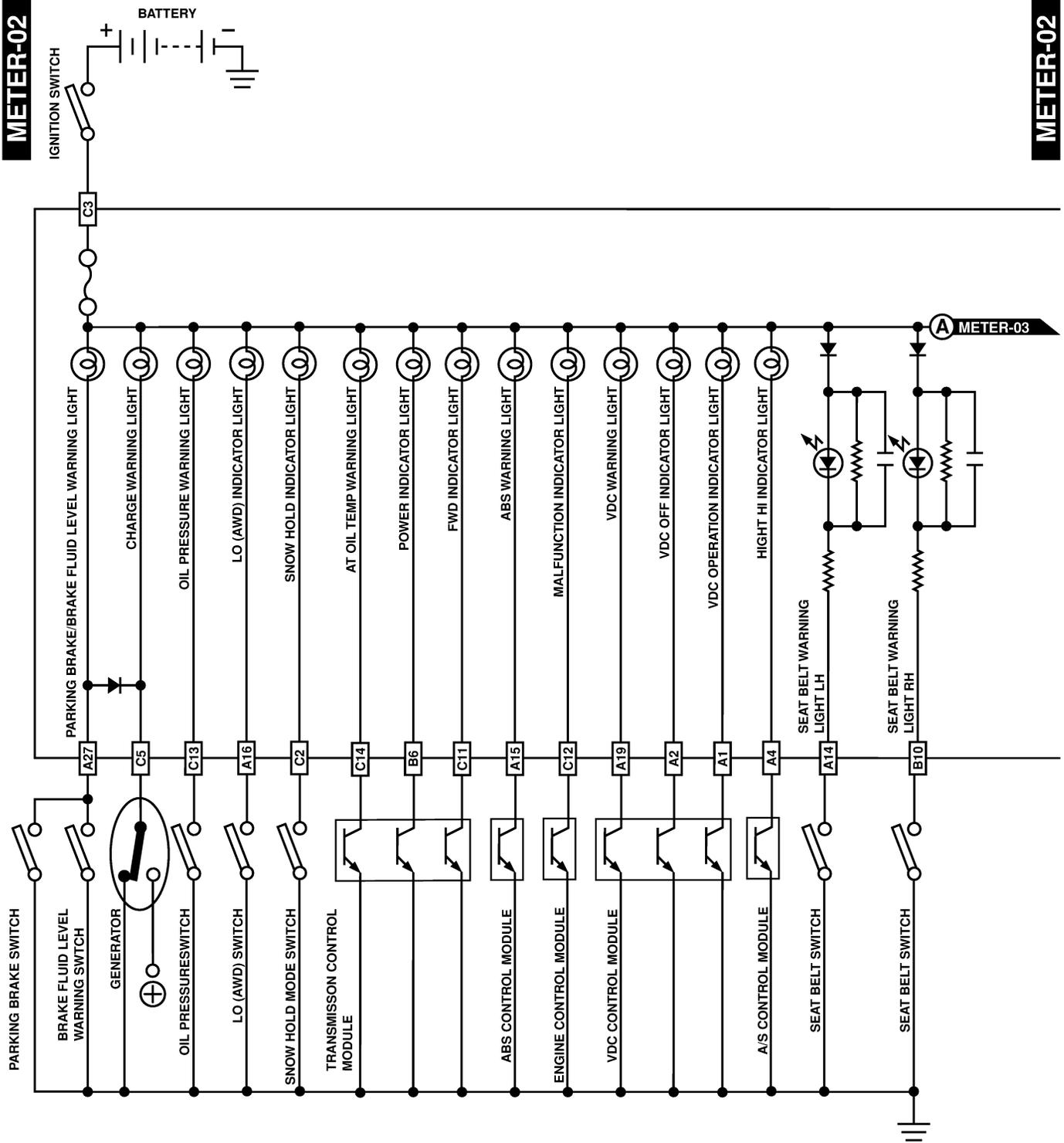
METER-01

METER-01



COMBINATION METER

Wiring System

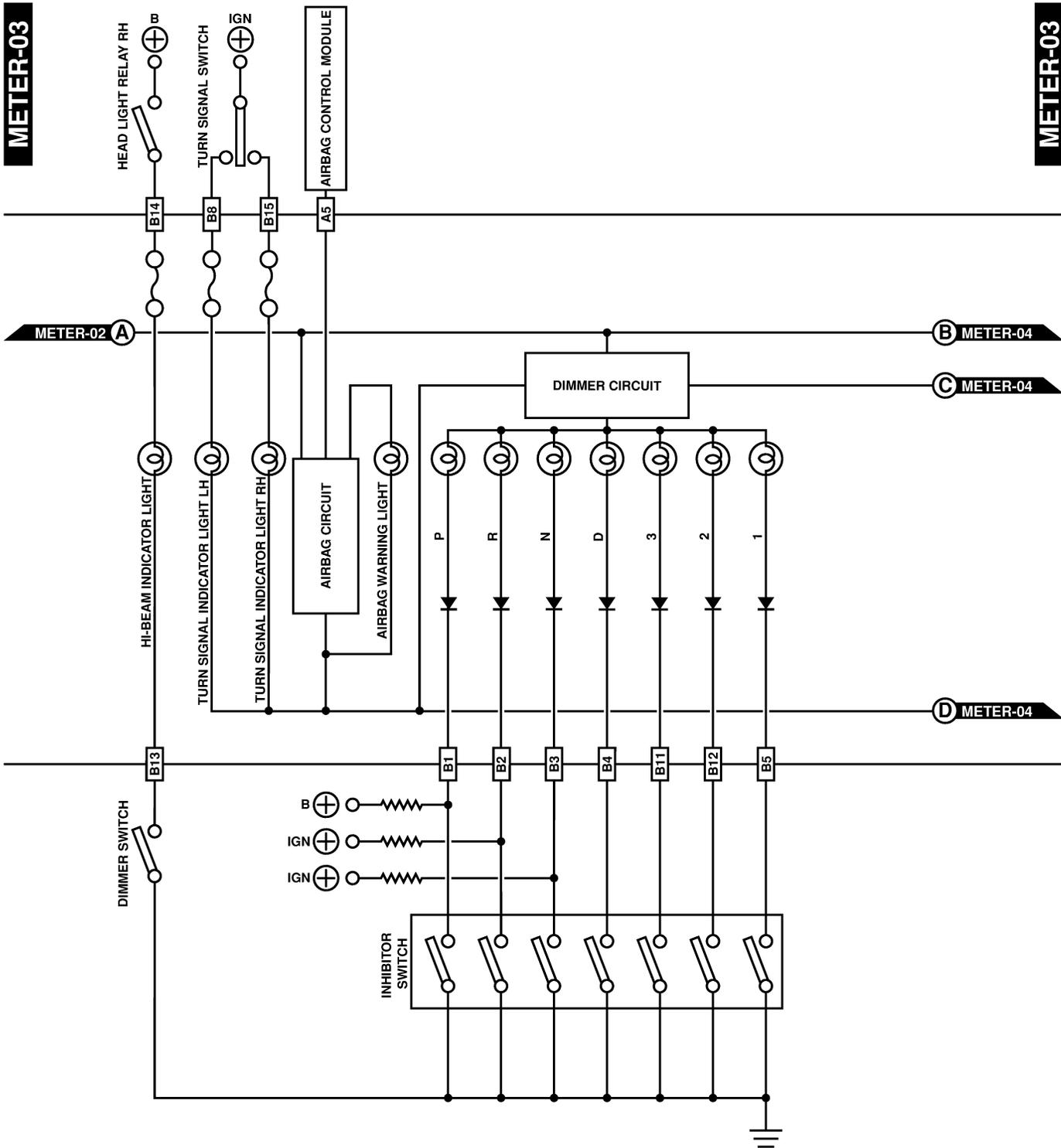


METER-02

METER-02

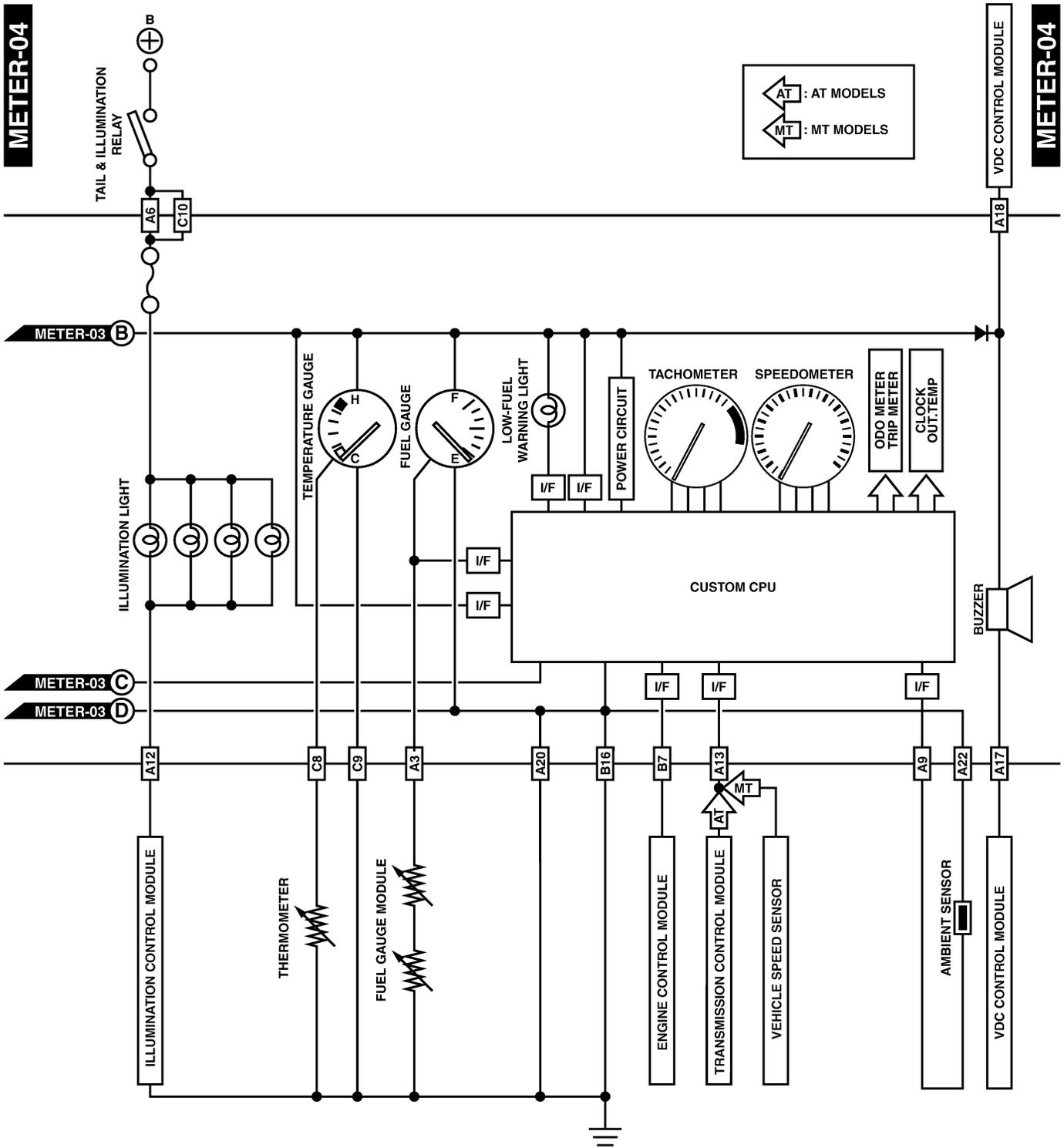
COMBINATION METER

Wiring System



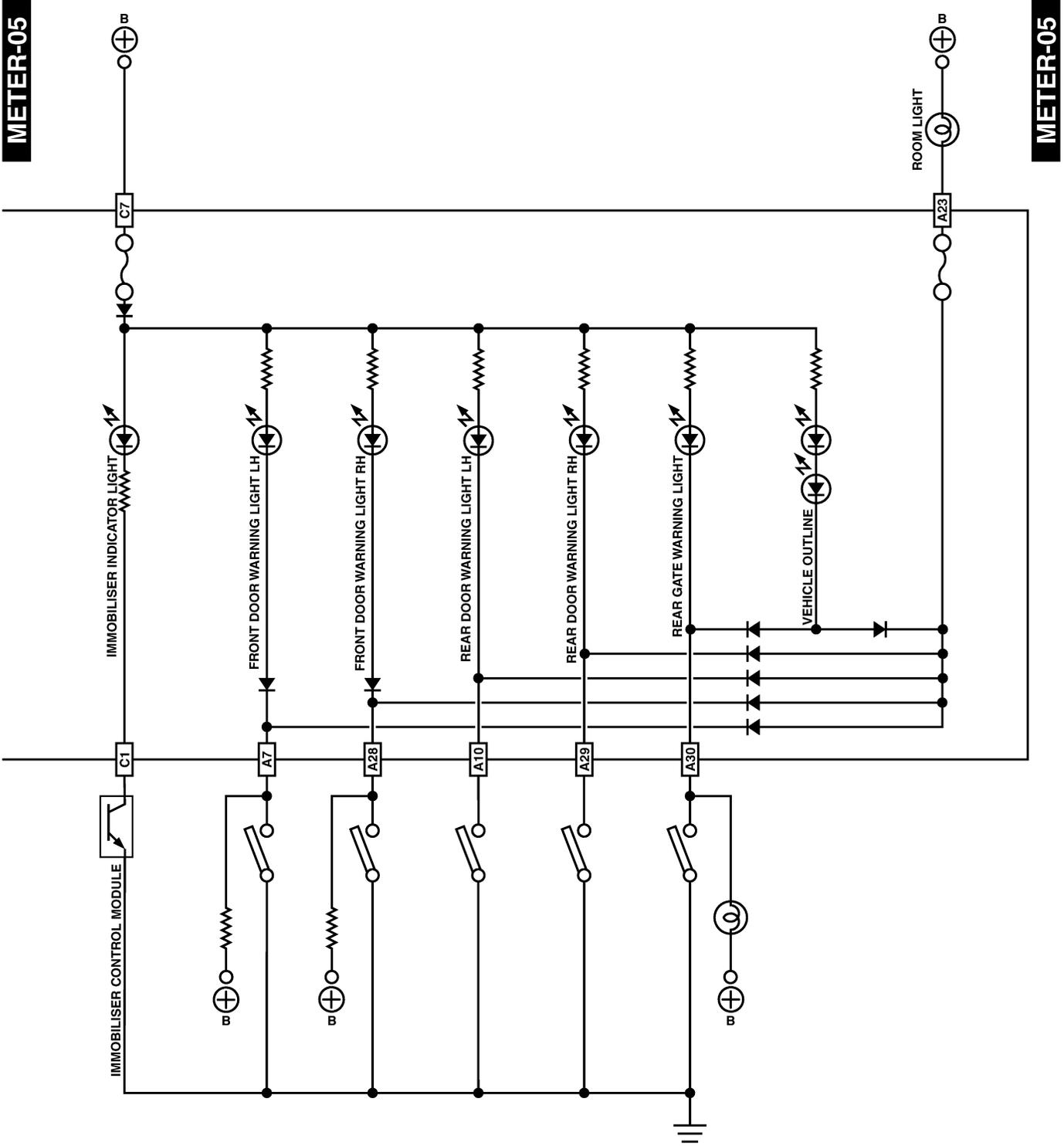
COMBINATION METER

Wiring System



COMBINATION METER

Wiring System



COMBINATION METER

Wiring System

MEMO:

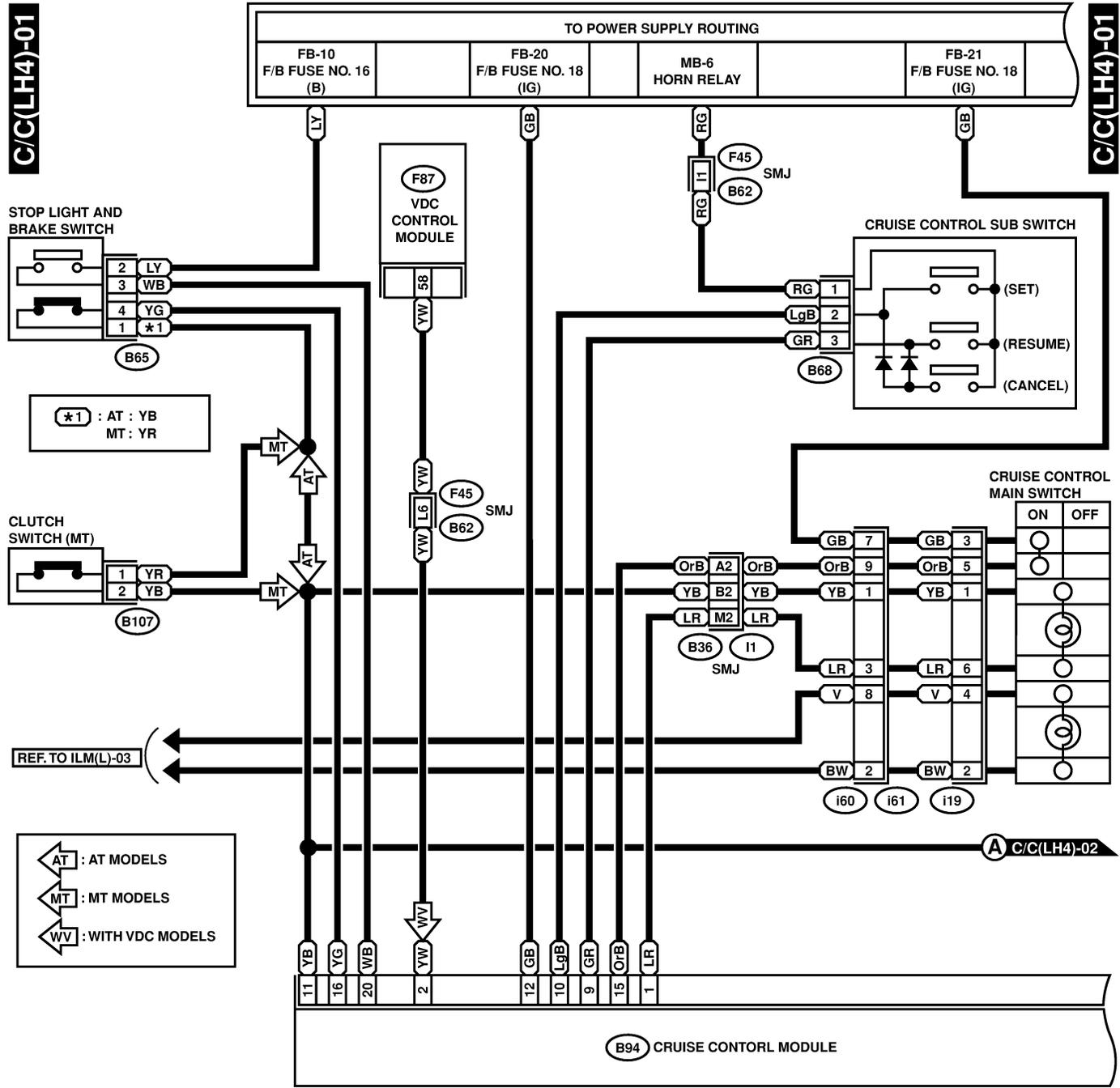
13. Cruise Control System S903495

A: SCHEMATIC S903495A21

CRUISE CONTROL SYSTEM

Wiring System

1. LHD-H4 MODEL S903495A2105



B107 (BLUE)



B65 (BLACK)



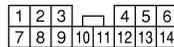
B68 (BLACK)



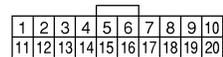
i19 (BROWN)



i60



B94 (BLACK)

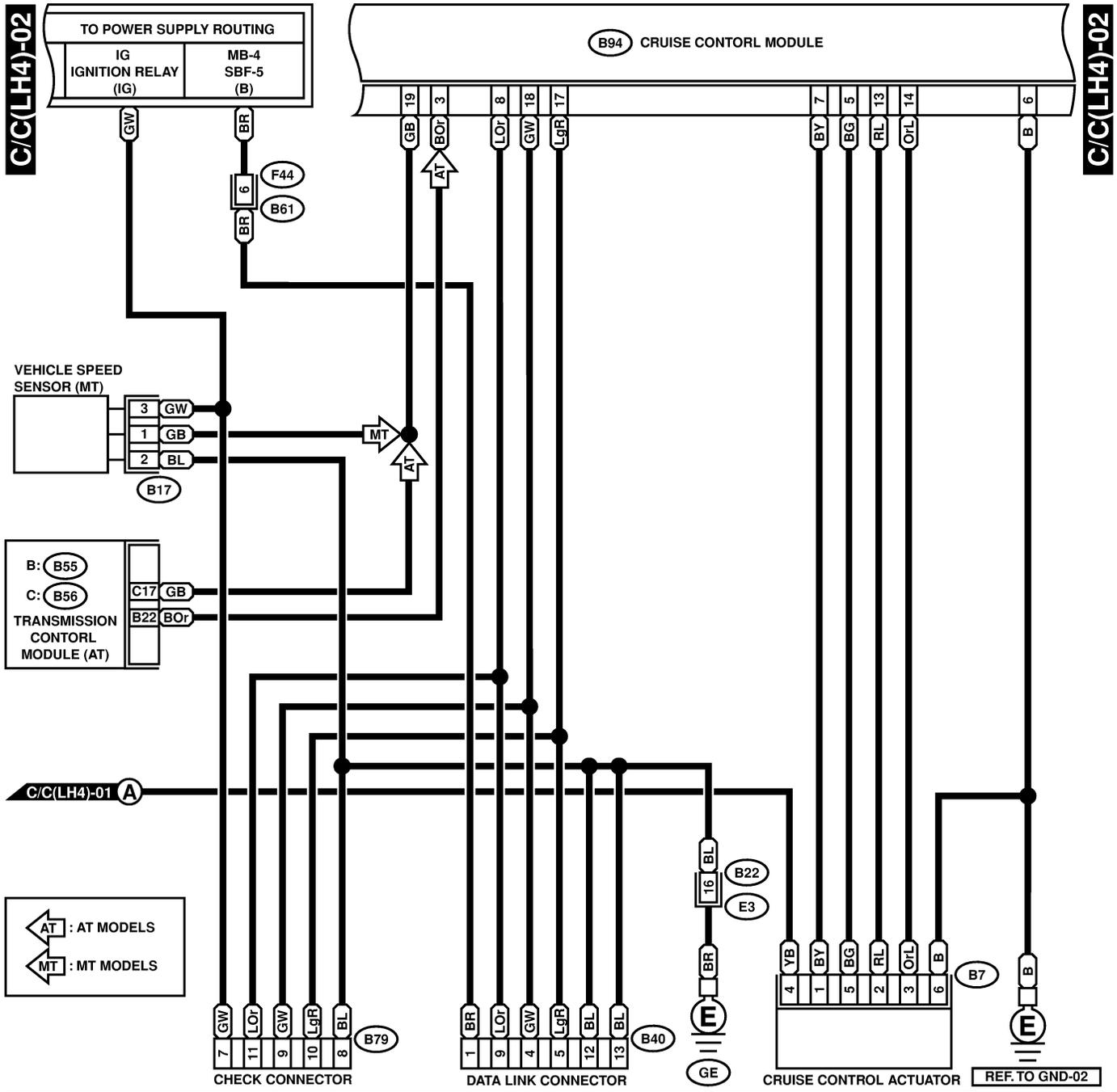


F87 (BLACK)

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	

CRUISE CONTROL SYSTEM

Wiring System



B17 (BLACK)



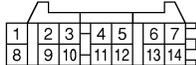
B7 (BLACK)



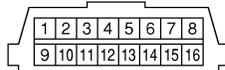
F44



B79 (GRAY)



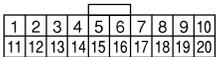
B40 (GRAY)



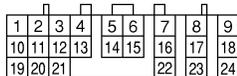
B22 (BROWN)



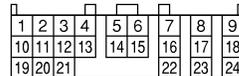
B94 (BLACK)



C: B56 (GREEN)



B: B55 (GRAY)

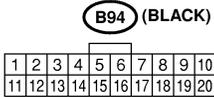
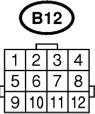
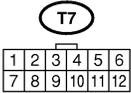
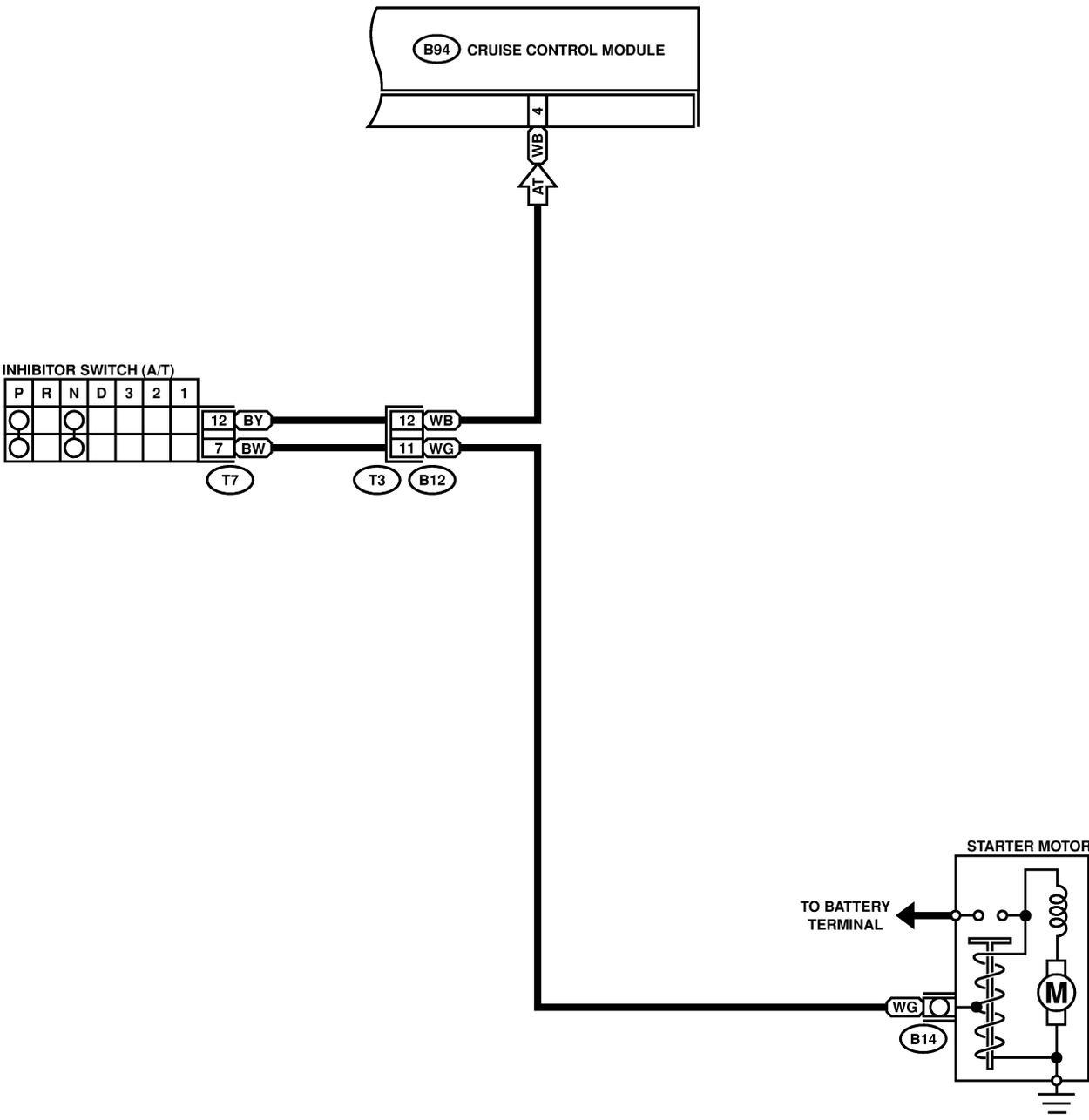


CRUISE CONTROL SYSTEM

Wiring System

C/C(LH4)-03

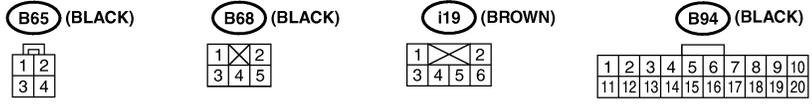
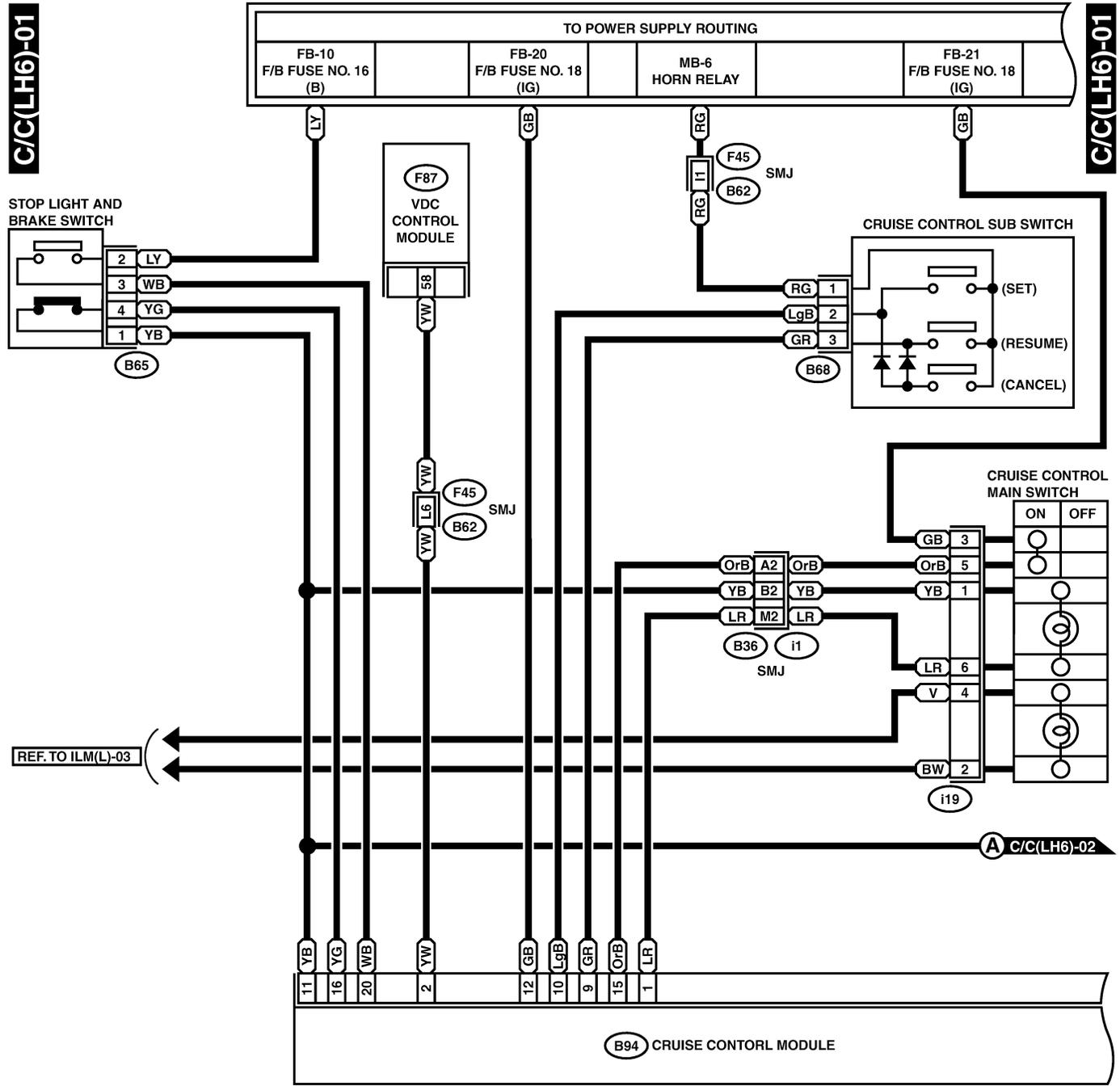
C/C(LH4)-03



CRUISE CONTROL SYSTEM

Wiring System

2. LHD-H6 MODEL S903495A2106

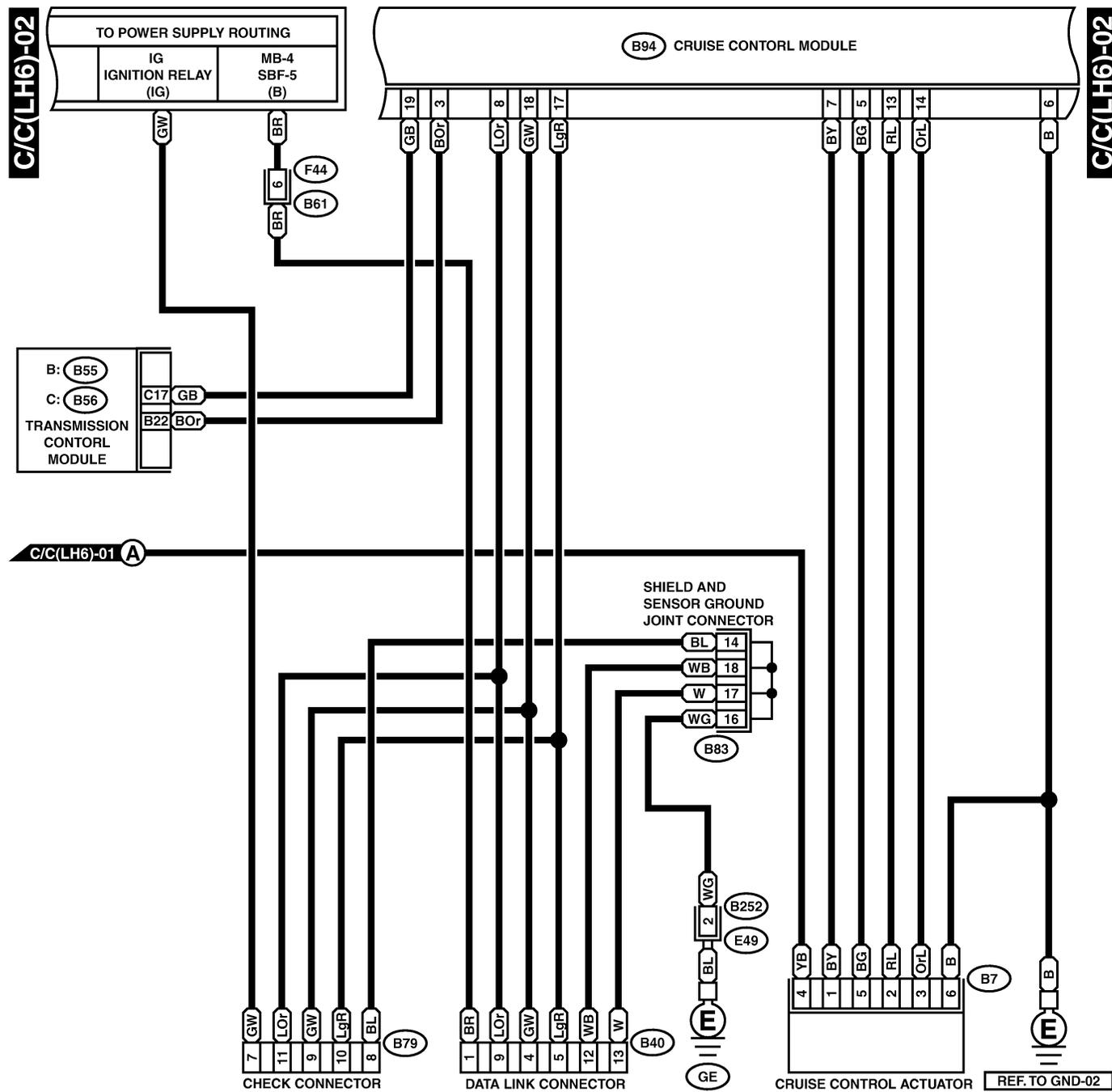


F87 (BLACK)

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	×

CRUISE CONTROL SYSTEM

Wiring System



B7 (BLACK)



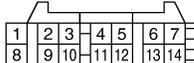
F44



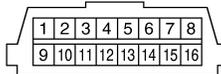
B252 (DARK GRAY)



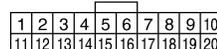
B79 (GRAY)



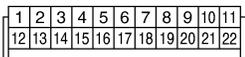
B40 (GRAY)



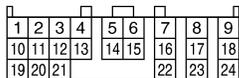
B94 (BLACK)



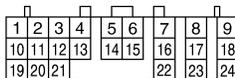
B83



B: B55 (GRAY)



C: B56 (GREEN)

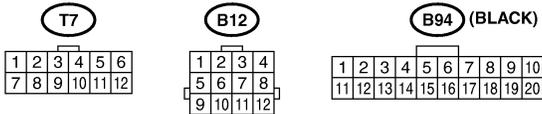
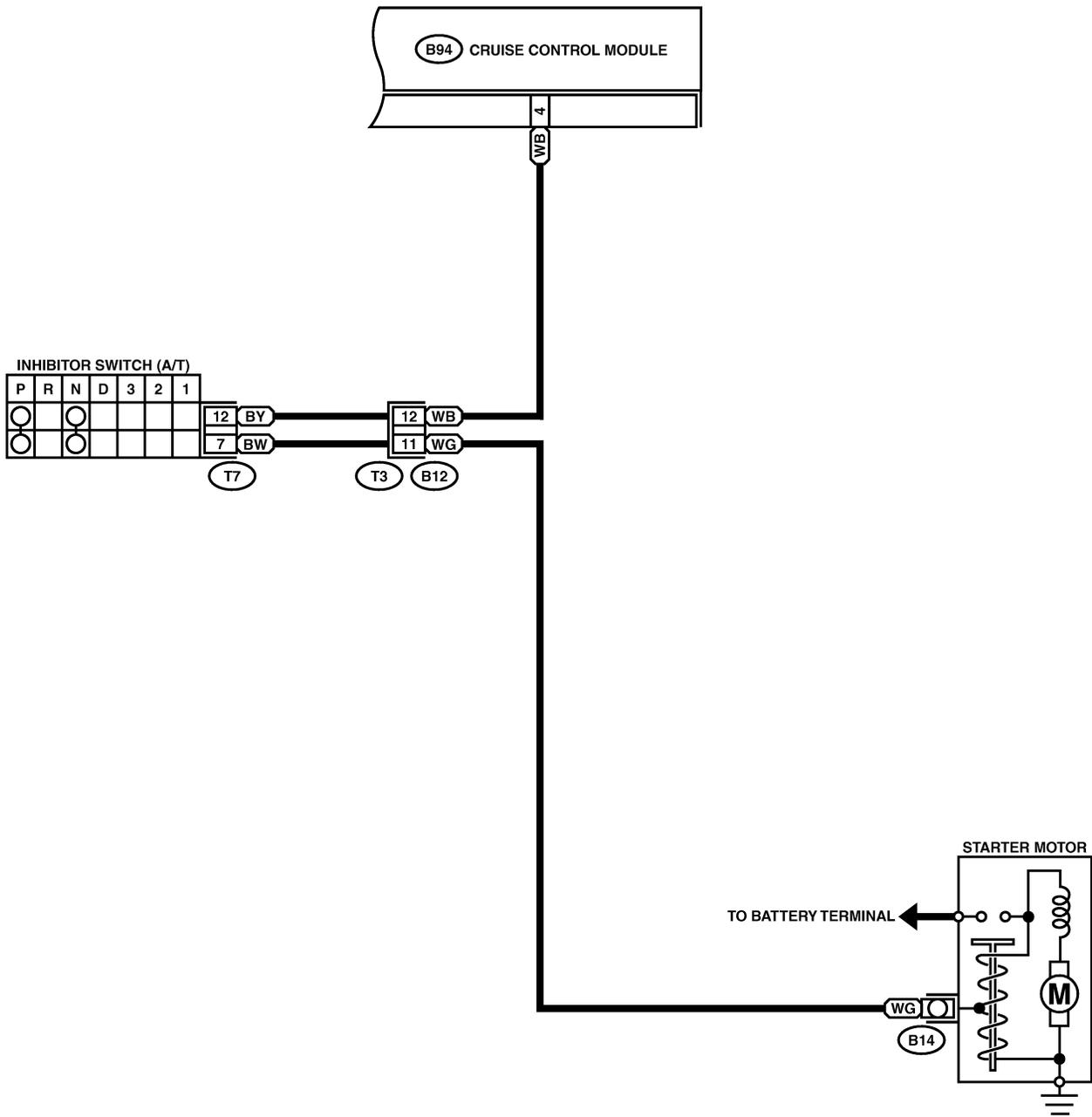


CRUISE CONTROL SYSTEM

Wiring System

C/C(LH6)-03

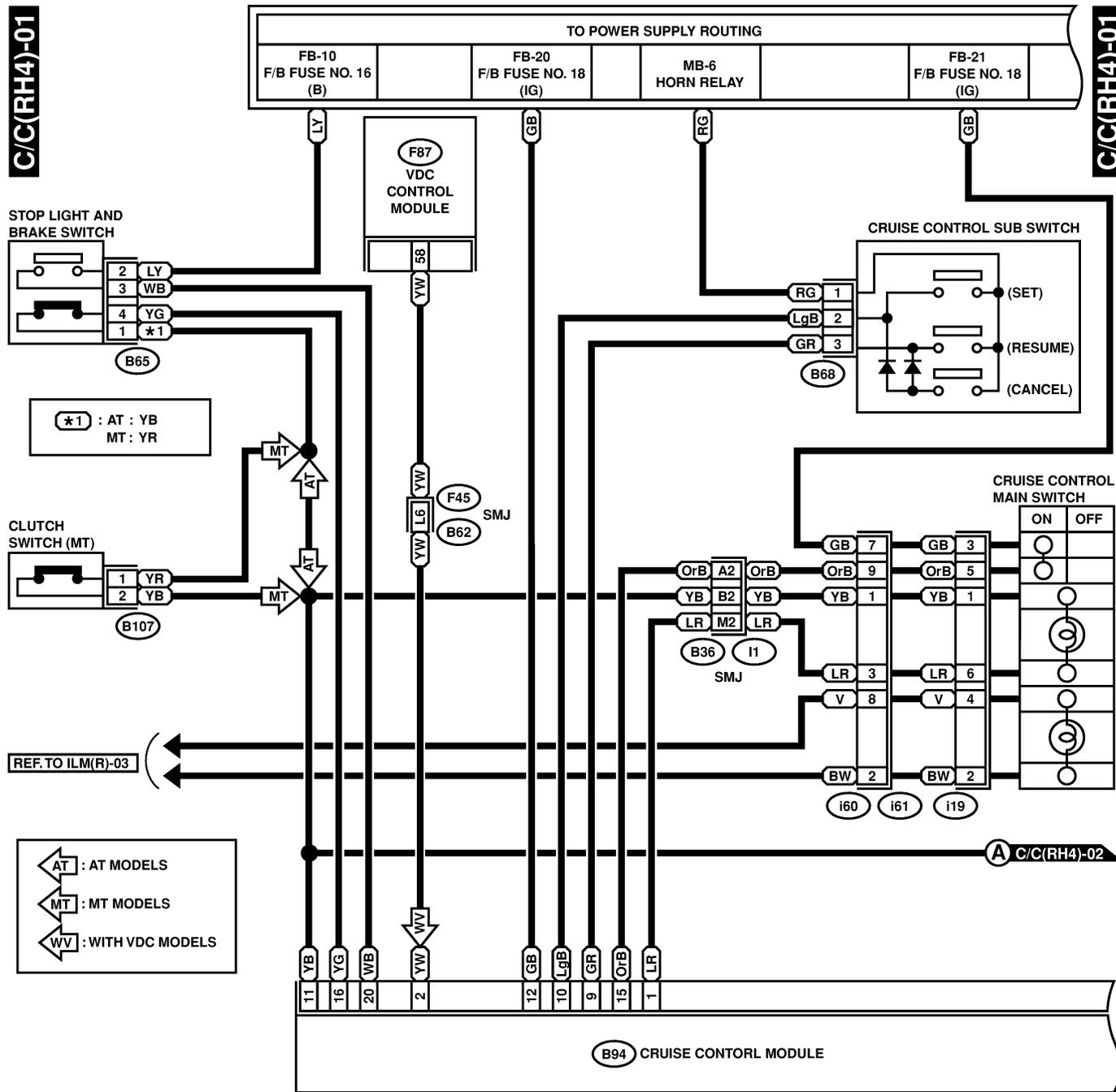
C/C(LH6)-03



CRUISE CONTROL SYSTEM

Wiring System

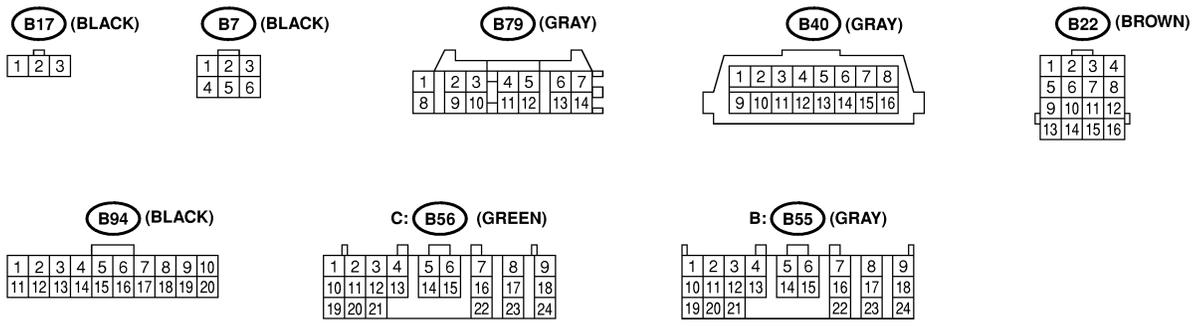
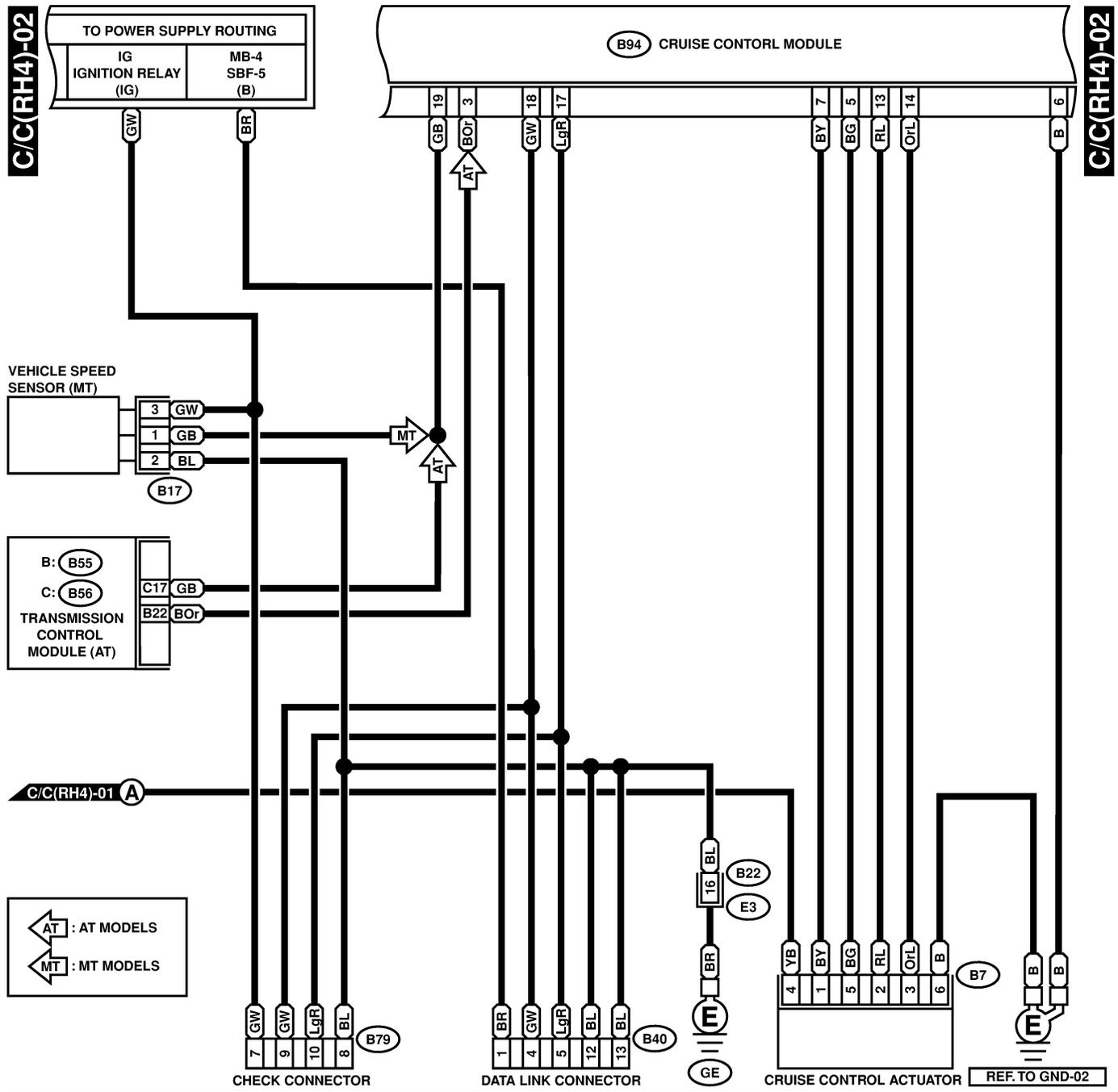
3. RHD-H4 MODEL S903495A2107



B107 (BLUE)	B65 (BLACK)	B68 (BLACK)	i19 (BROWN)	i60	B94 (BLACK)																																																																														
<table border="1"><tr><td>1</td><td>2</td></tr></table>	1	2	<table border="1"><tr><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td></tr></table>	1	2	3	4	<table border="1"><tr><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td></tr><tr><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	<table border="1"><tr><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td></tr><tr><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	<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></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																						
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F87 (BLACK)																																																																																			
<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><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><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr><tr><td>29</td><td>30</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td><td>81</td><td>82</td><td>83</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	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
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																																																								
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CRUISE CONTROL SYSTEM

Wiring System

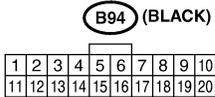
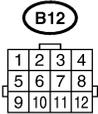
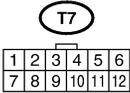
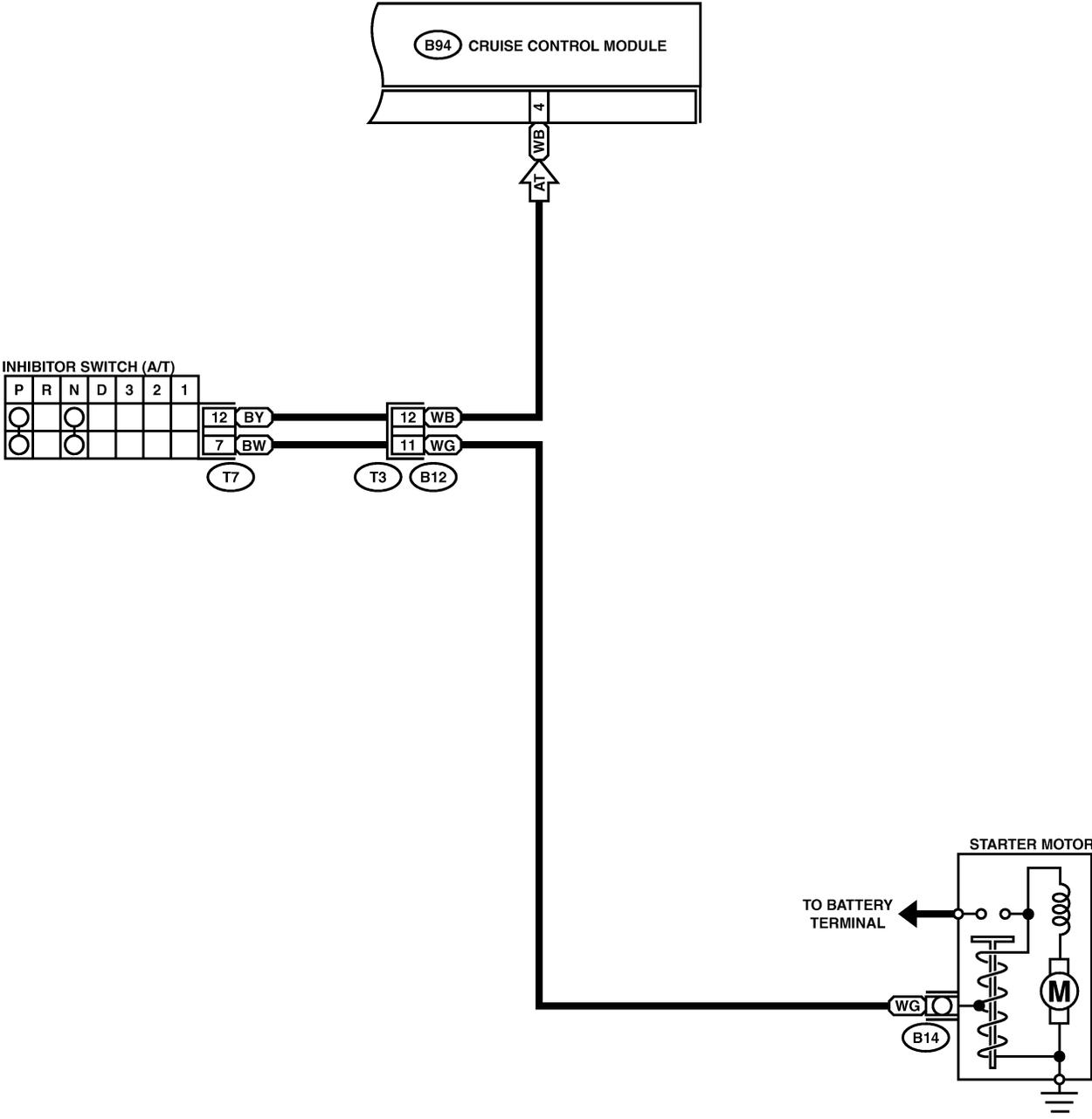


CRUISE CONTROL SYSTEM

Wiring System

C/C(RH4)-03

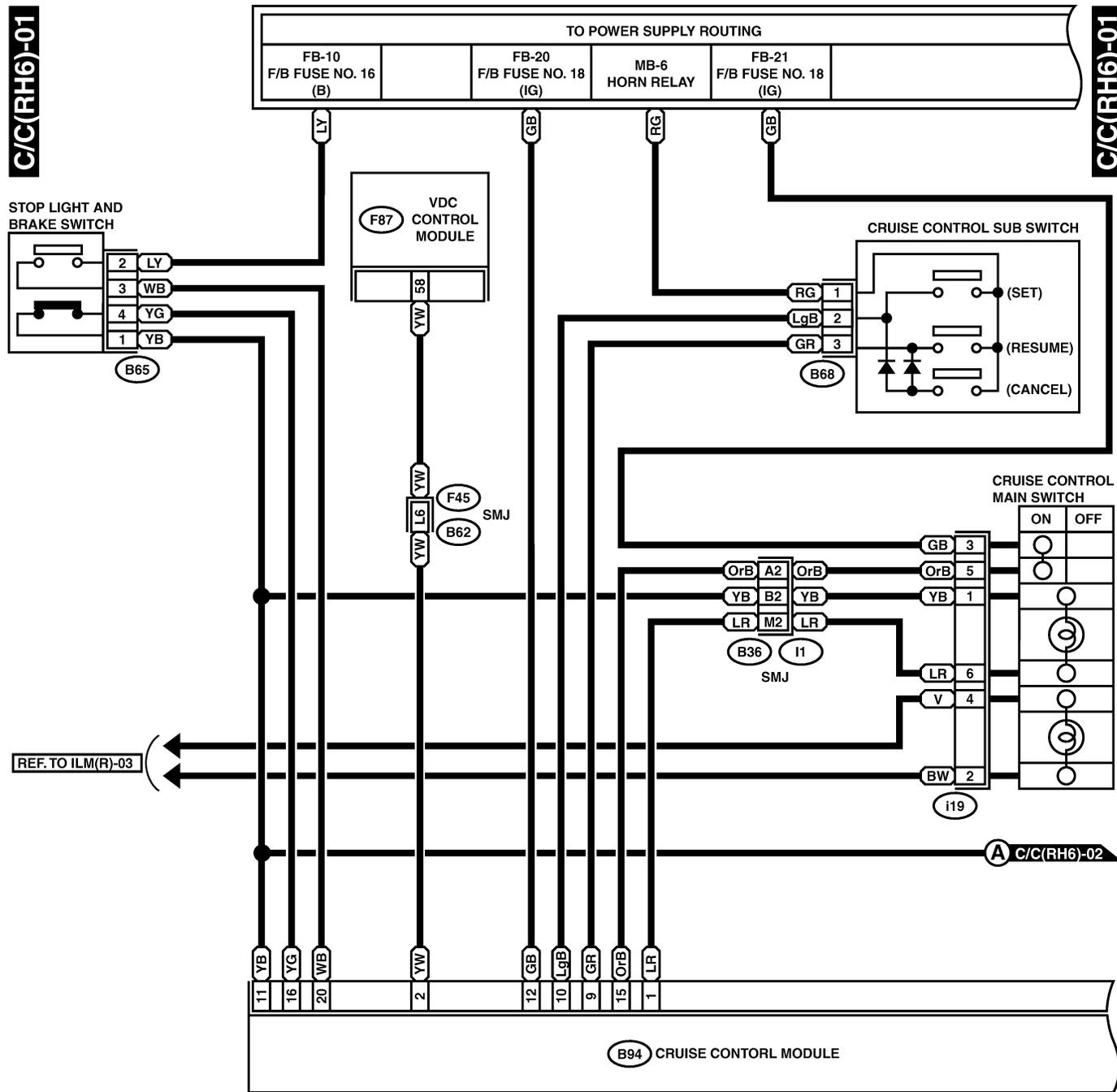
C/C(RH4)-03



CRUISE CONTROL SYSTEM

Wiring System

4. RHD-H6 MODEL S903495A2108



B65 (BLACK)



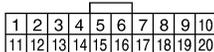
B68 (BLACK)



i19 (BROWN)



B94 (BLACK)

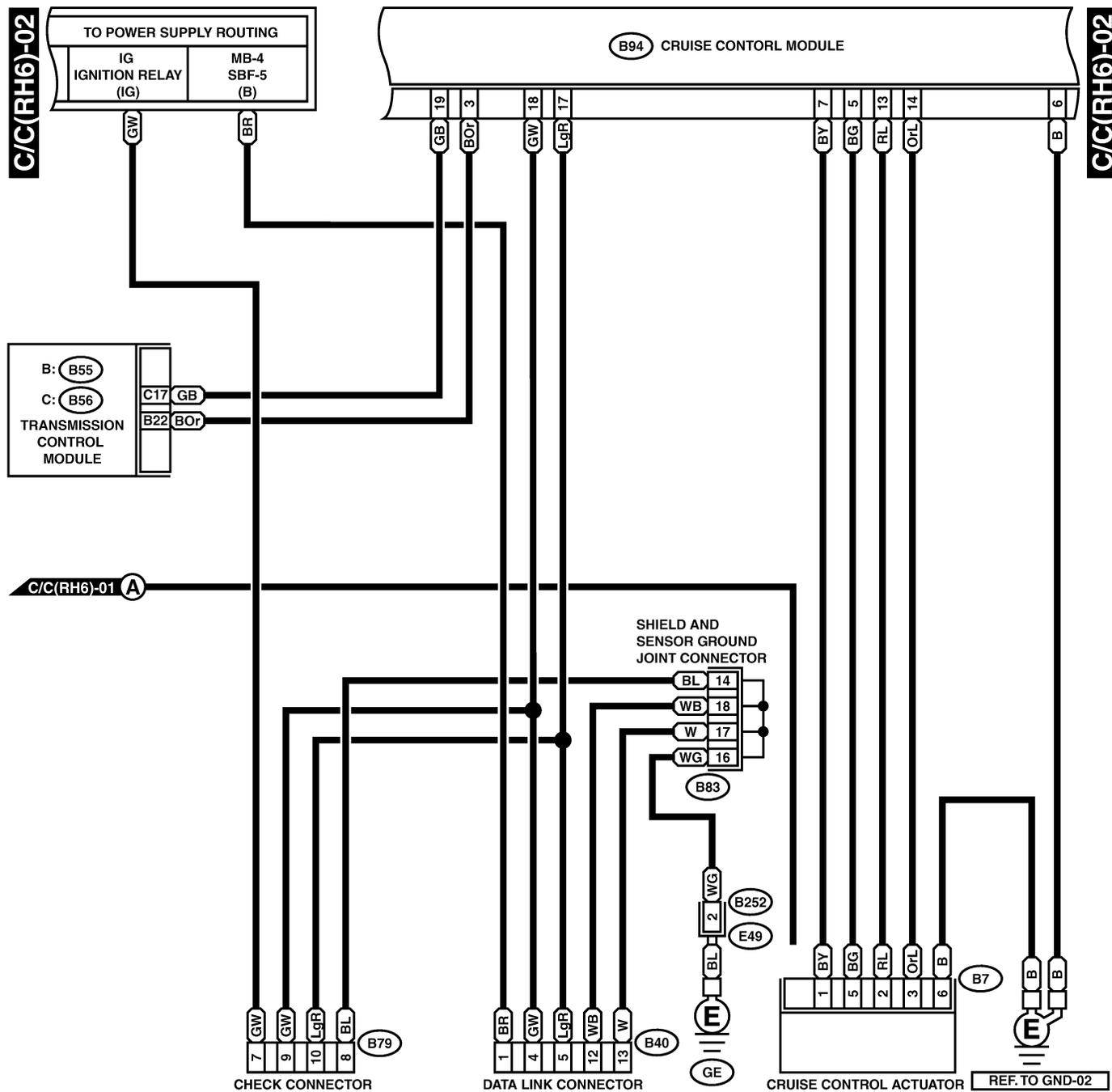


F87 (BLACK)

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

CRUISE CONTROL SYSTEM

Wiring System



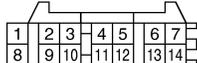
B7 (BLACK)



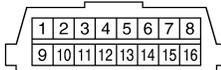
B252 (DARK GRAY)



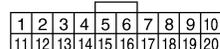
B79 (GRAY)



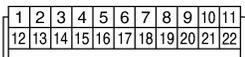
B40 (GRAY)



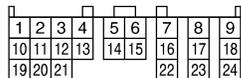
B94 (BLACK)



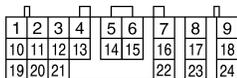
B83



B: B55 (GRAY)



C: B56 (GREEN)

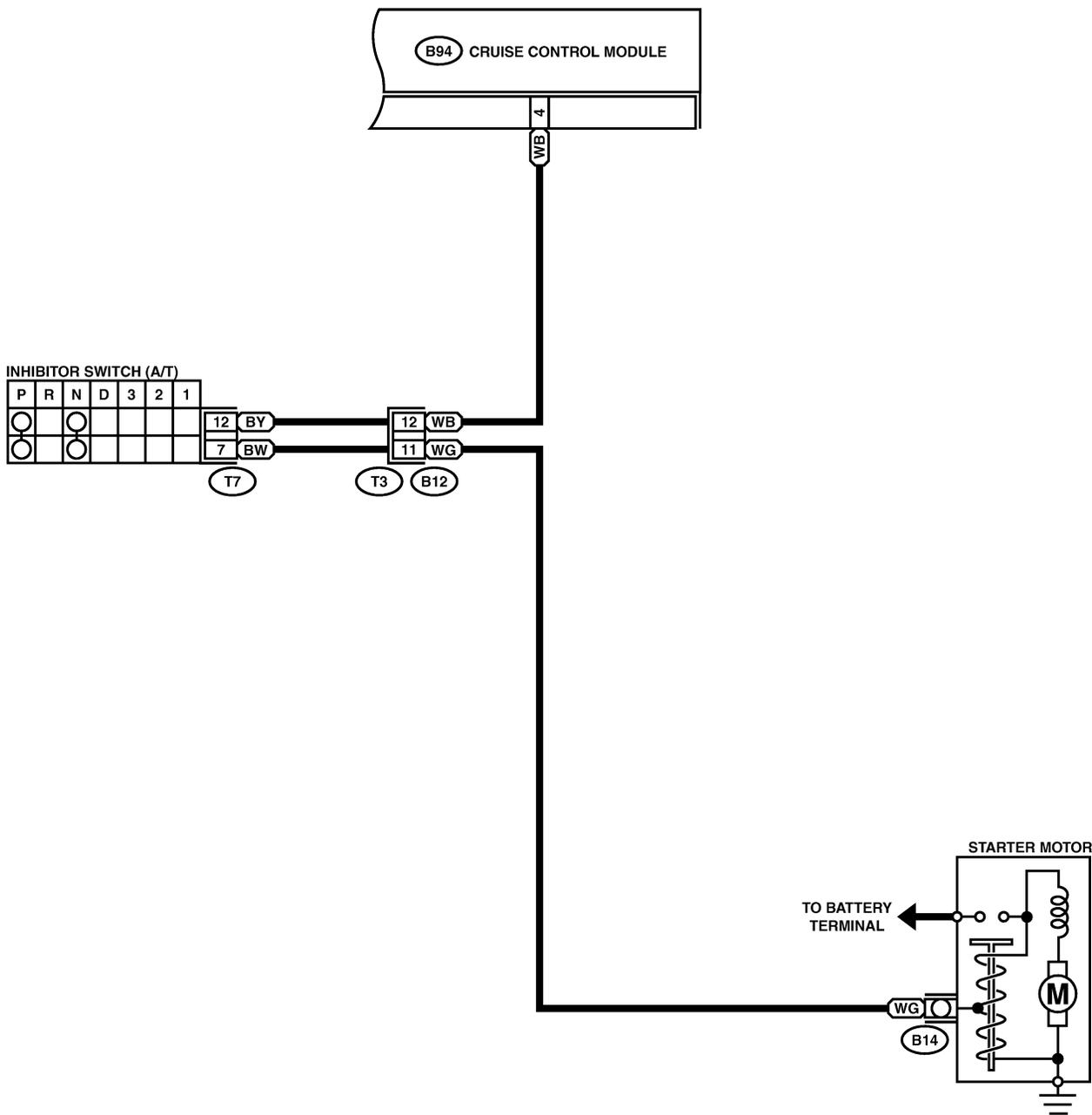


CRUISE CONTROL SYSTEM

Wiring System

C/C(RH6)-03

C/C(RH6)-03



T7

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

B12

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

B94 (BLACK)

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