

Schematic Diagrams

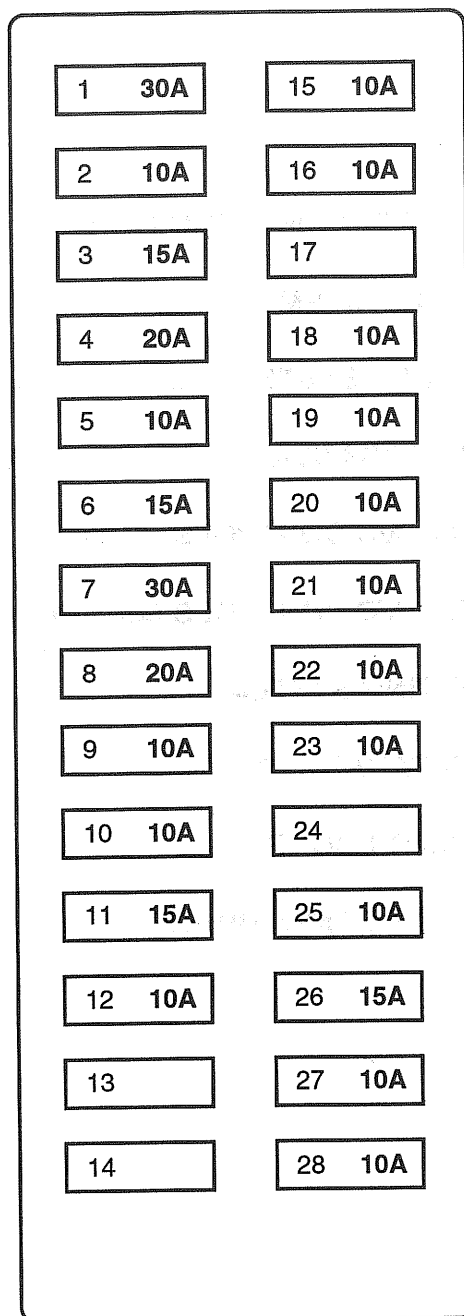
FUSE AND RELAY INFORMATION	SD-2
CHARGING SYSTEM	SD-8
MFI CONTROL SYSTEM.....	SD-10
AUTOMATIC TRANSAXLE CONTROL SYSTEM.....	SD-18
BLOWER & A/C CONTROLS (AUTO)	SD-24
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FUSE AND RELAY INFORMATION

PASSENGER COMPARTMENT FUSE BOX

LAYOUT



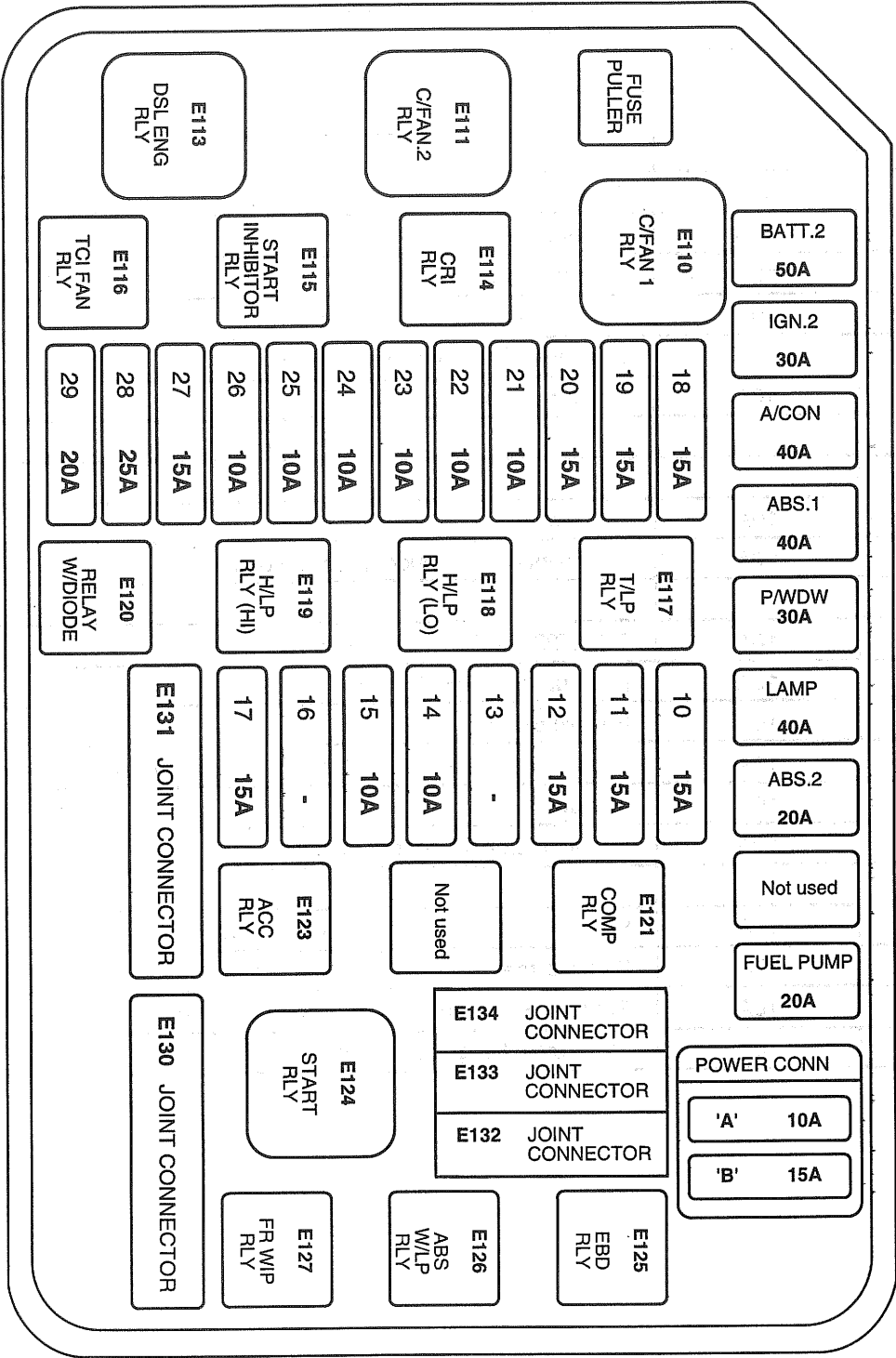
CIRCUIT

NO	Amperages(A)	Circuit protected
1	30A	Defogger
2	10A	Hazard relay, Hazard switch
3	15A	Stop lamps
4	20A	Transfer
5	10A	SMATRA
6	15A	Sunroof
7	30A	Blower motor
8	20A	Power door locks
9	10A	Rear fog lamp relay
10	10A	Audio, Overhead console lamp
11	15A	Cigarette lighter, Accessory socket
12	10A	Outside mirror & folding
13	-	
14	-	
15	10A	A/C switch
16	10A	Rear window & outside mirror defogger
17	-	
18	10A	TCM, TCCM(EST), Transaxle range switch
19	10A	Back-up lamp, Inside mirror
20	10A	Hazard switch
21	10A	Instrument cluster, ETACM, Vehicle speed sensor, DRL control module
22	10A	Air bag
23	10A	Air bag ind., ABS control module
24	-	
25	10A	Blower & A/C, ETACM, Defogger relay
26	15A	Seat warmer
27	10A	Sunroof, Rear wiper & washer, Rain sensor
28	10A	Start relay, Burglar alarm relay

ENGINE COMPARTMENT FUSE & RELAY BOX #1

ENGINE COMPARTMENT FUSE & RELAY BOX #1

LAYOUT



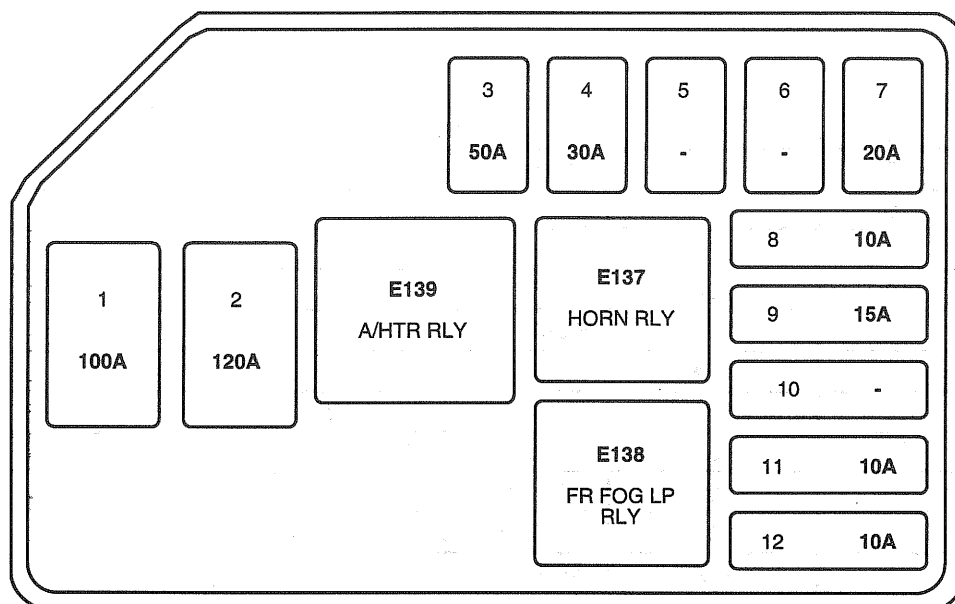
CIRCUIT

	NO	Amperages(A)	Circuit protected
FUSE	10	15A	Fuel heater
	11	15A	Head lamp relay(Low), DRL control module
	12	15A	Head lamp relay(High)
	13	-	-
	14	10A	A/C compressor relay
	15	10A	TCI fan relay
	16	-	-
	17	15A	-
	18	15A	ECM
	19	15A	ECM
	20	15A	ECM, Air heater relay #1
	21	10A	Illuminations, Combination lamp
	22	10A	License lamp, Combination lamp
	23	10A	ABS control module
	24	10A	ECM, Radiator fan relay, Condenser fan relay
	25	10A	ABS
	26	10A	Cruise
	27	15A	Front wiper & washer
	28	25A	Power seat
	29	20A	Accessory relay
FUSIBLE LINK	BATT.2	50A	Power connector(A, B)
	IGN.2	30A	Start relay, Ignition switch
	A/CON	40A	A/C compressor relay, Condenser fan relay
	ABS.1	40A	ABS control module
	P/PWDW	30A	Power window relay, Head lamp washer motor
	LAMP	40A	Tail lamp relay
	ABS.2	20A	ABS control module
	FUEL PUMP	20A	Fuel pump motor
POWER CONNECTOR.A		10A	A/C, TCM, Data link connector, ETACM, Siren, Mirror folding
POWER CONNECTOR.B		15A	Audio, Courtesy lamps, Overhead console lamp

USE THE DESIGNATED FUSE ONLY

ENGINE COMPARTMENT FUSE & RELAY BOX #2

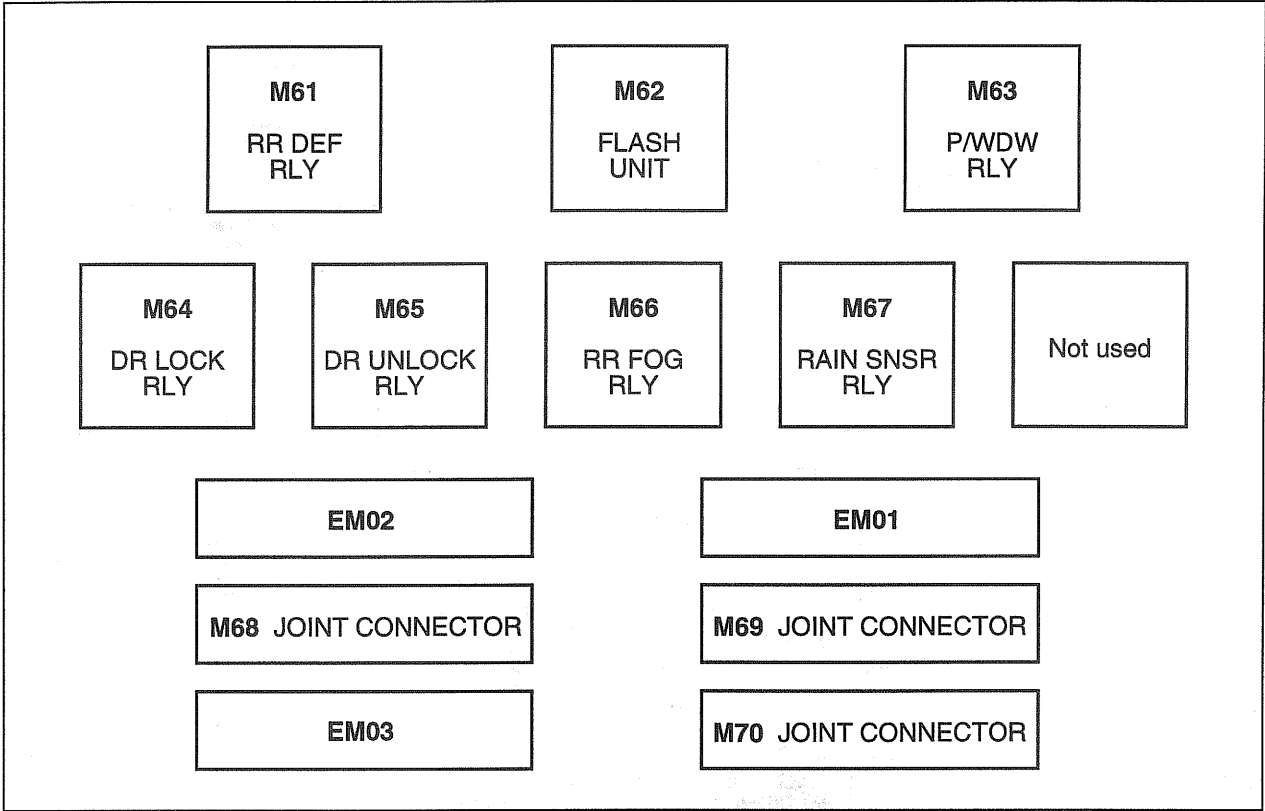
LAYOUT



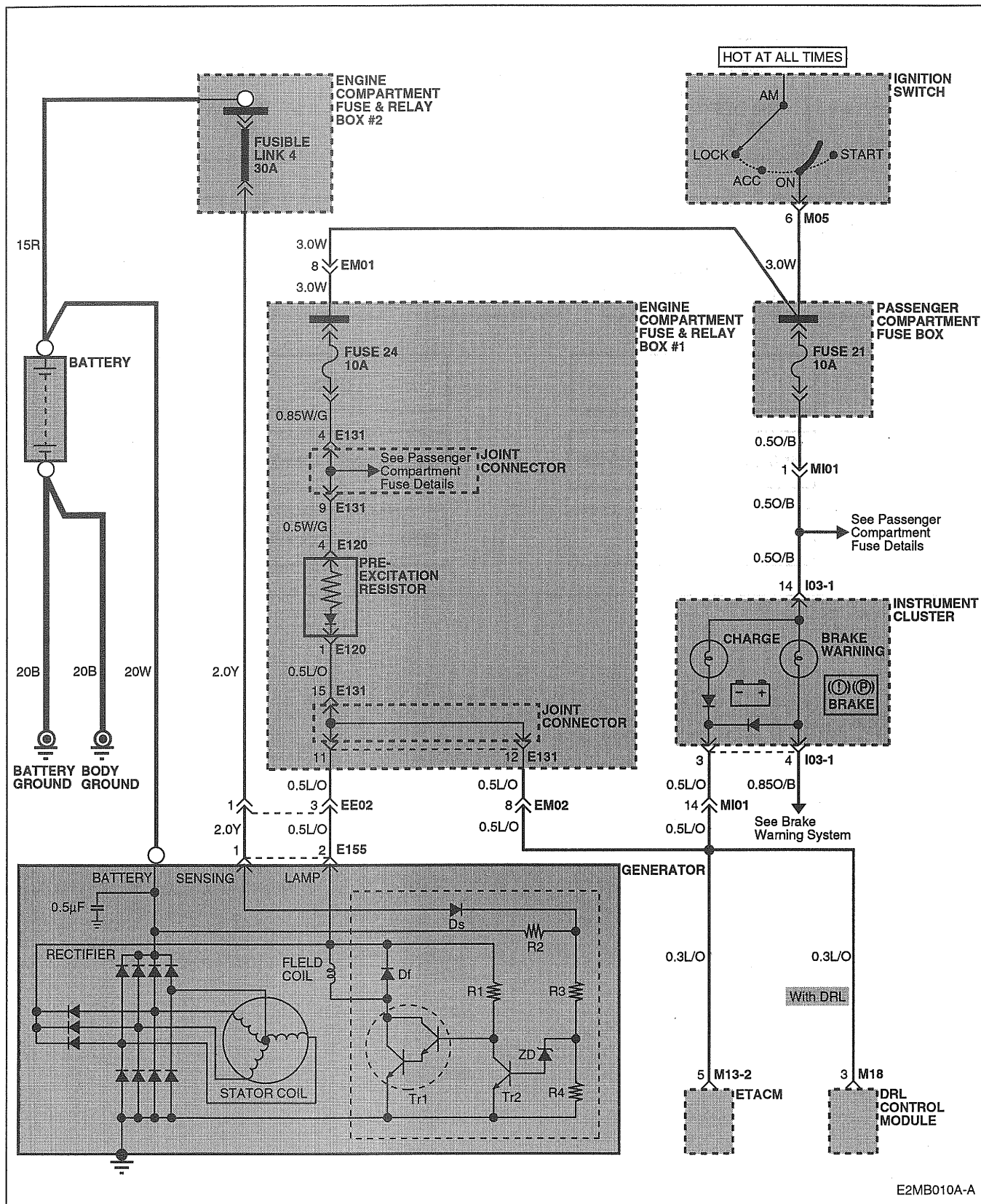
CIRCUIT

	NO	Amperages(A)	Circuit protected
FUSIBLE LINK	1	100A	Air heater relay #1
	2	120A	Engine compartment fuse & relay box #1
	3	50A	Passenger compartment fuse box(1, 2, 3, 4, 5), Engine compartment fuse & relay box #2(8, 9), Fuel heater control module
	4	30A	Generator
	5	-	-
	6	-	-
	7	20A	Engine control relay
FUSE	8	10A	Horn relay
	9	15A	Front fog lamp
	10	-	-
	11	10A	ECM
	12	10A	ECM

PASSENGER COMPARTMENT RELAY BOX
LAYOUT



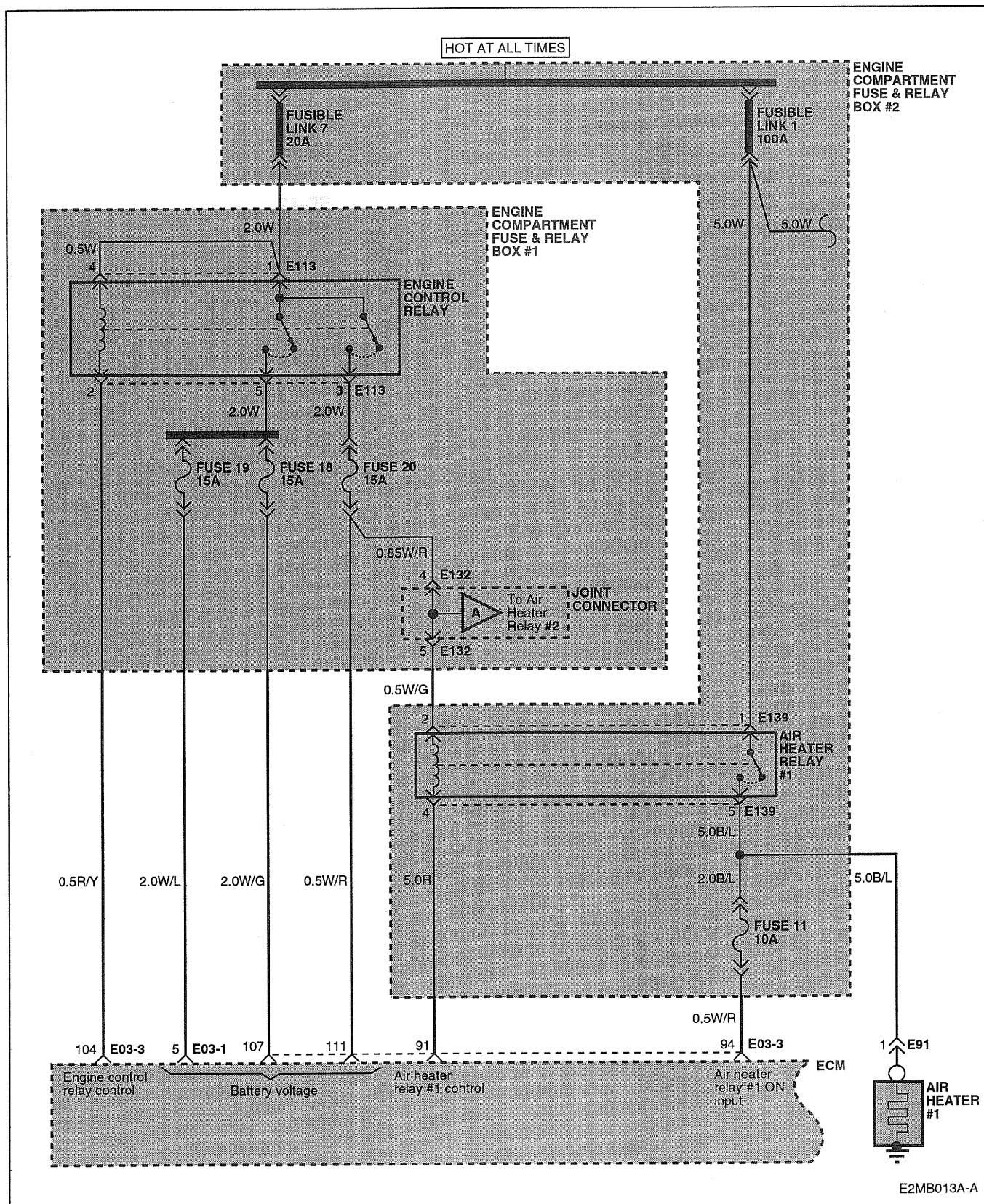
CHARGING SYSTEM (1)



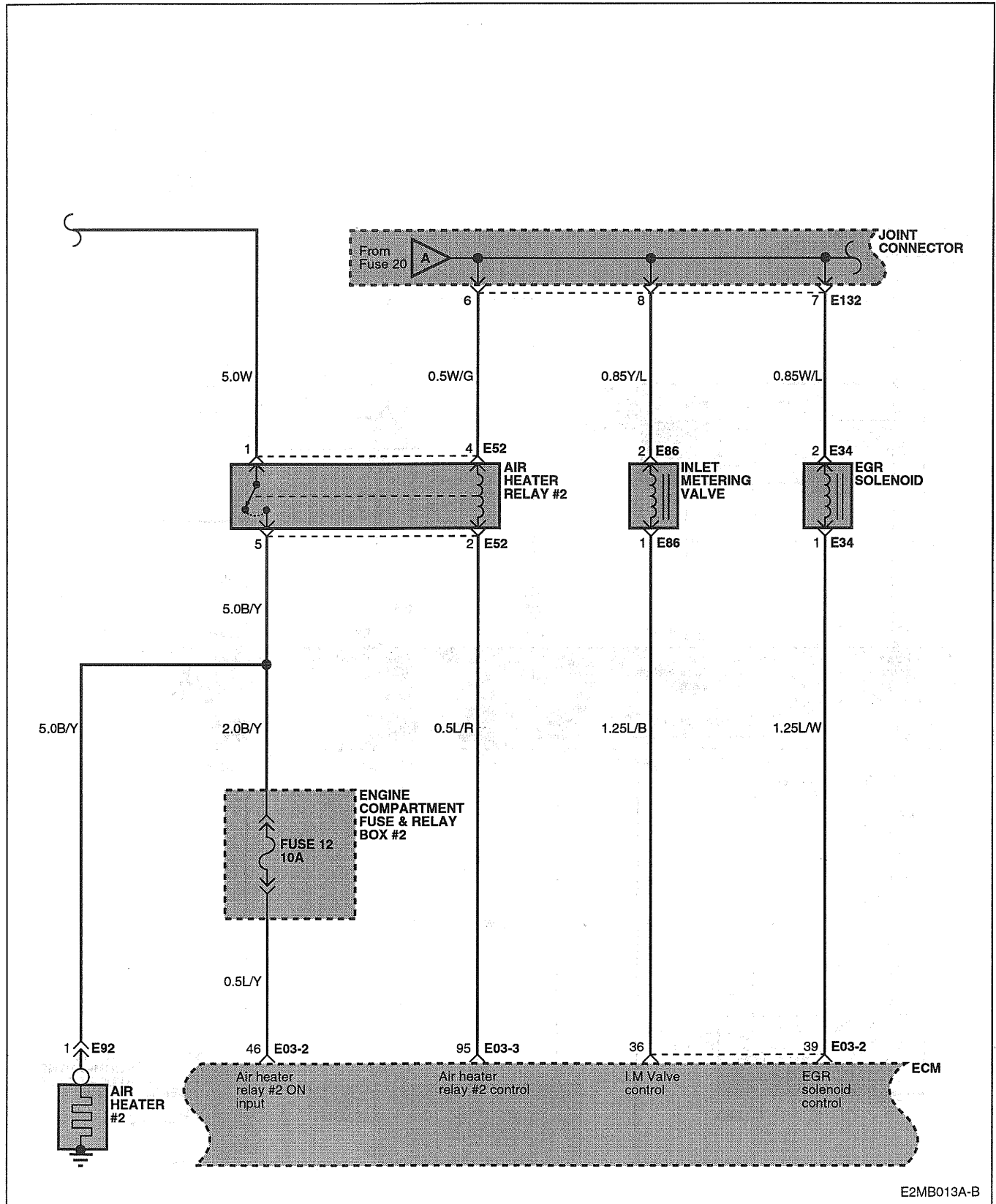
COMPONENT LOCATION INDEX

Components		Location reference-Page
E120	Pre-excitation resistor	SD-42
E131	Joint connector	SD-42
E132	Joint connector	SD-42
E155	Generator	SD-42
M05	Ignition switch	SD-40
M13-2	ETACM	SD-40
Connectors		
EE02		SD-45
EM01		SD-45
EM02		SD-45
MI01		SD-46

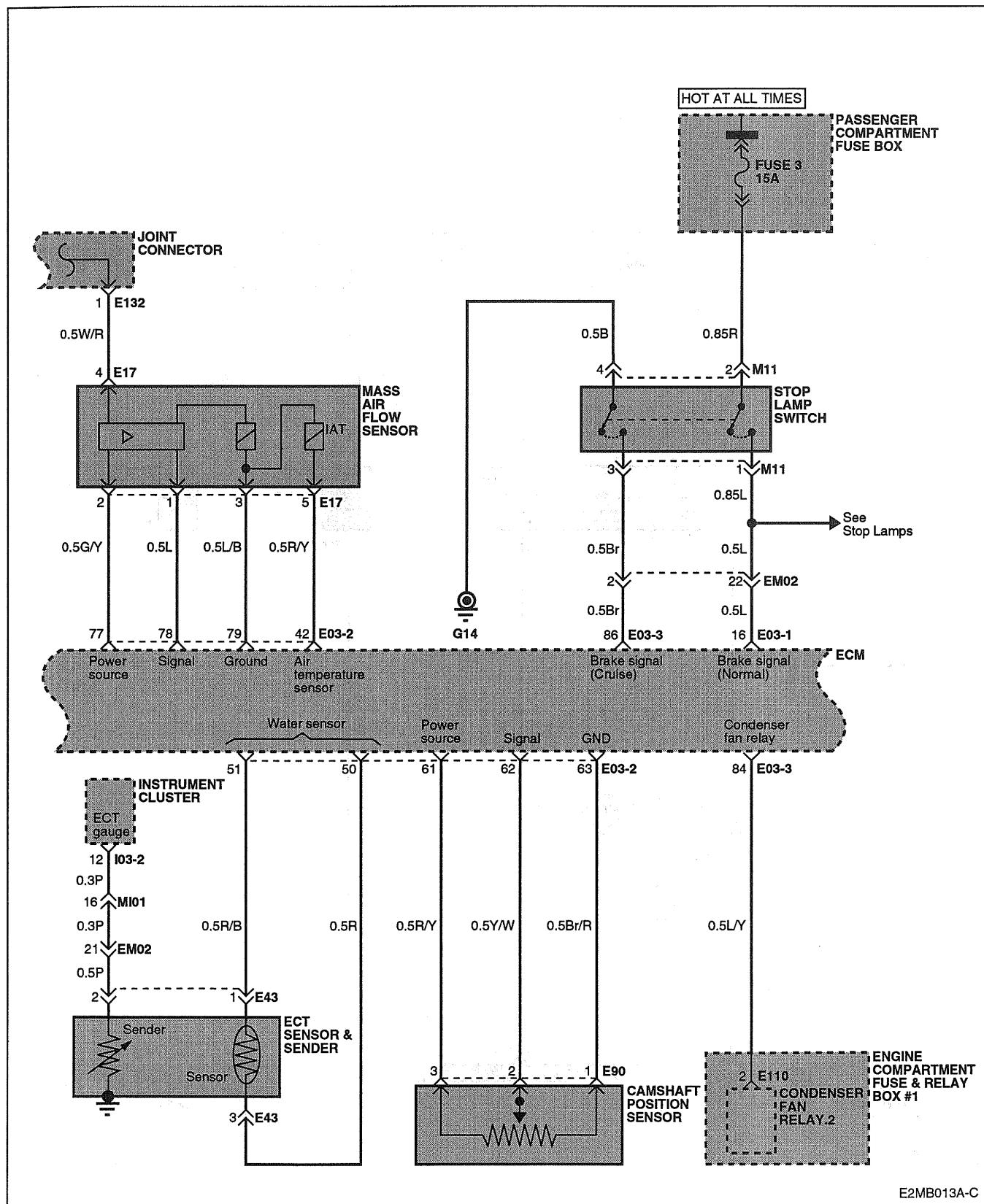
MFI CONTROL SYSTEM (1)



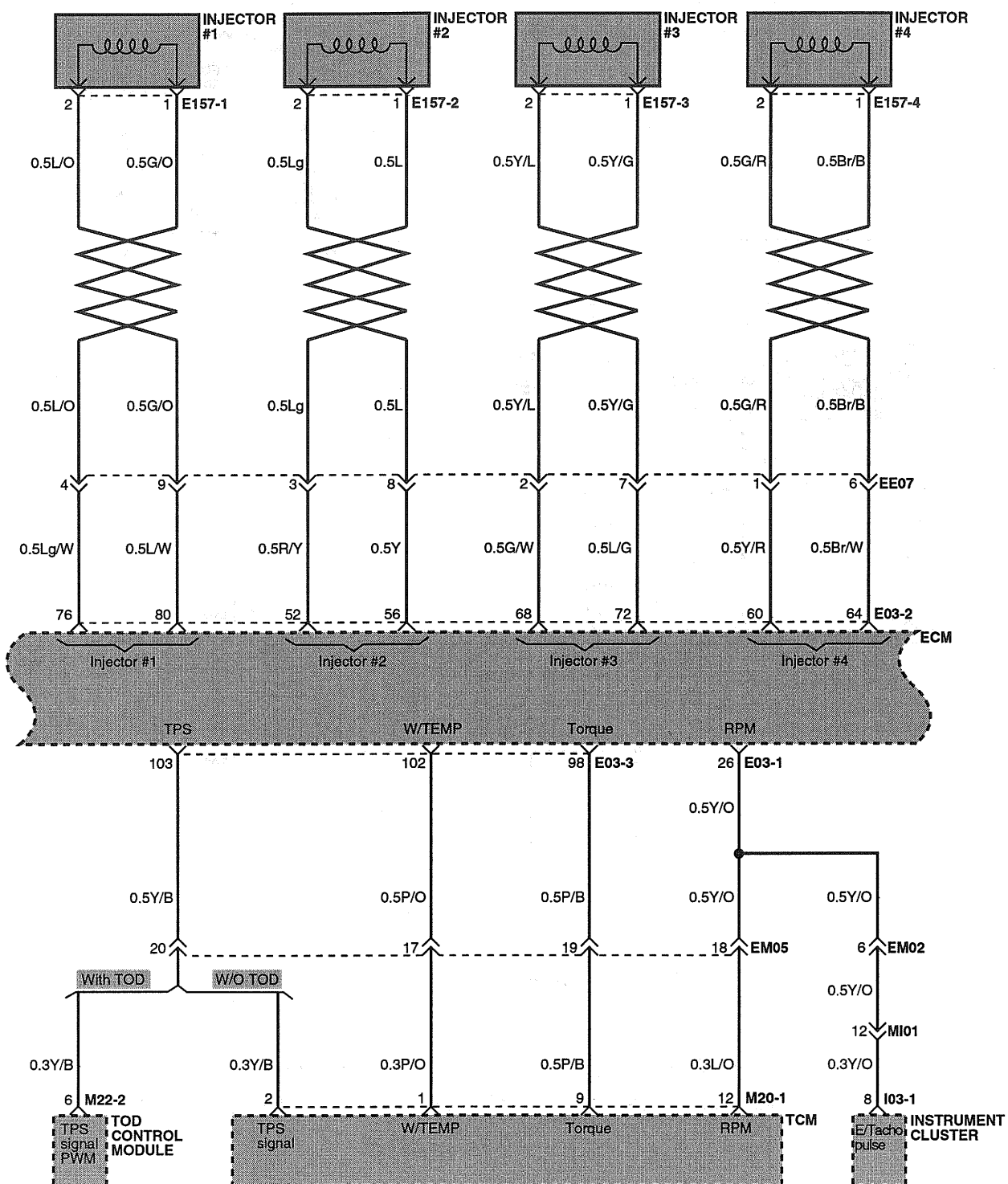
MFI CONTROL SYSTEM (2)



MFI CONTROL SYSTEM (3)

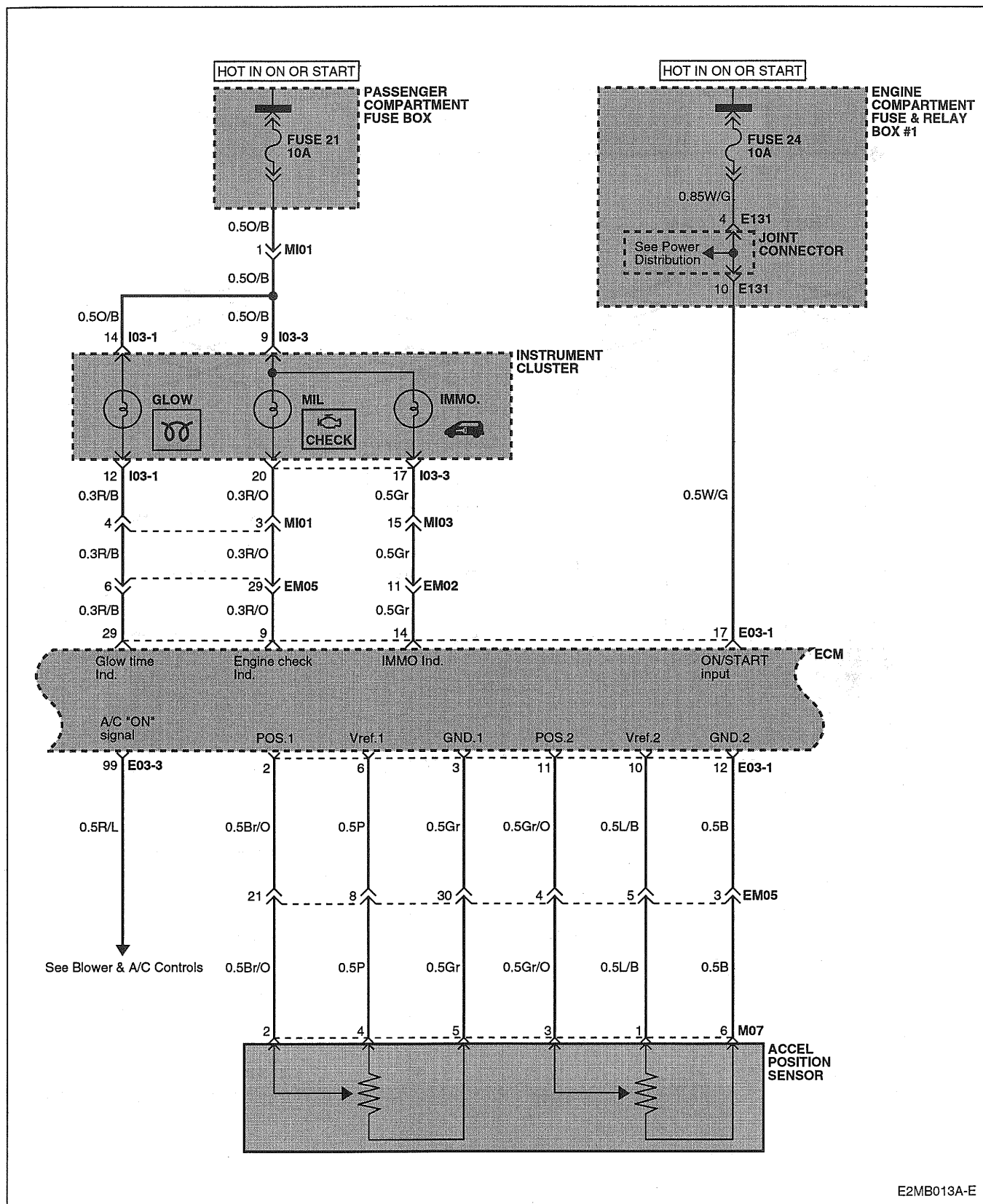


MFI CONTROL SYSTEM (4)

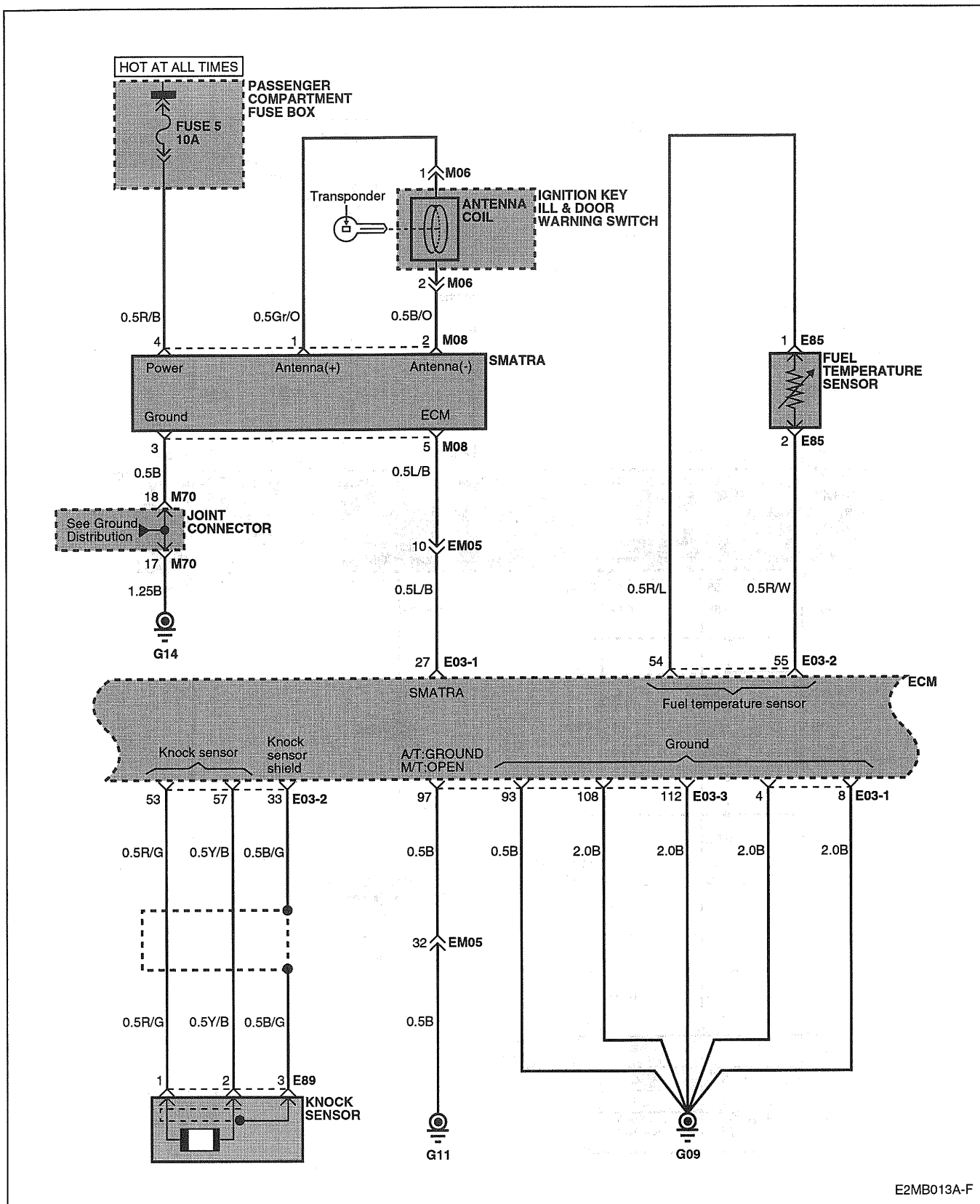


E2MB013A-D

MFI CONTROL SYSTEM (5)

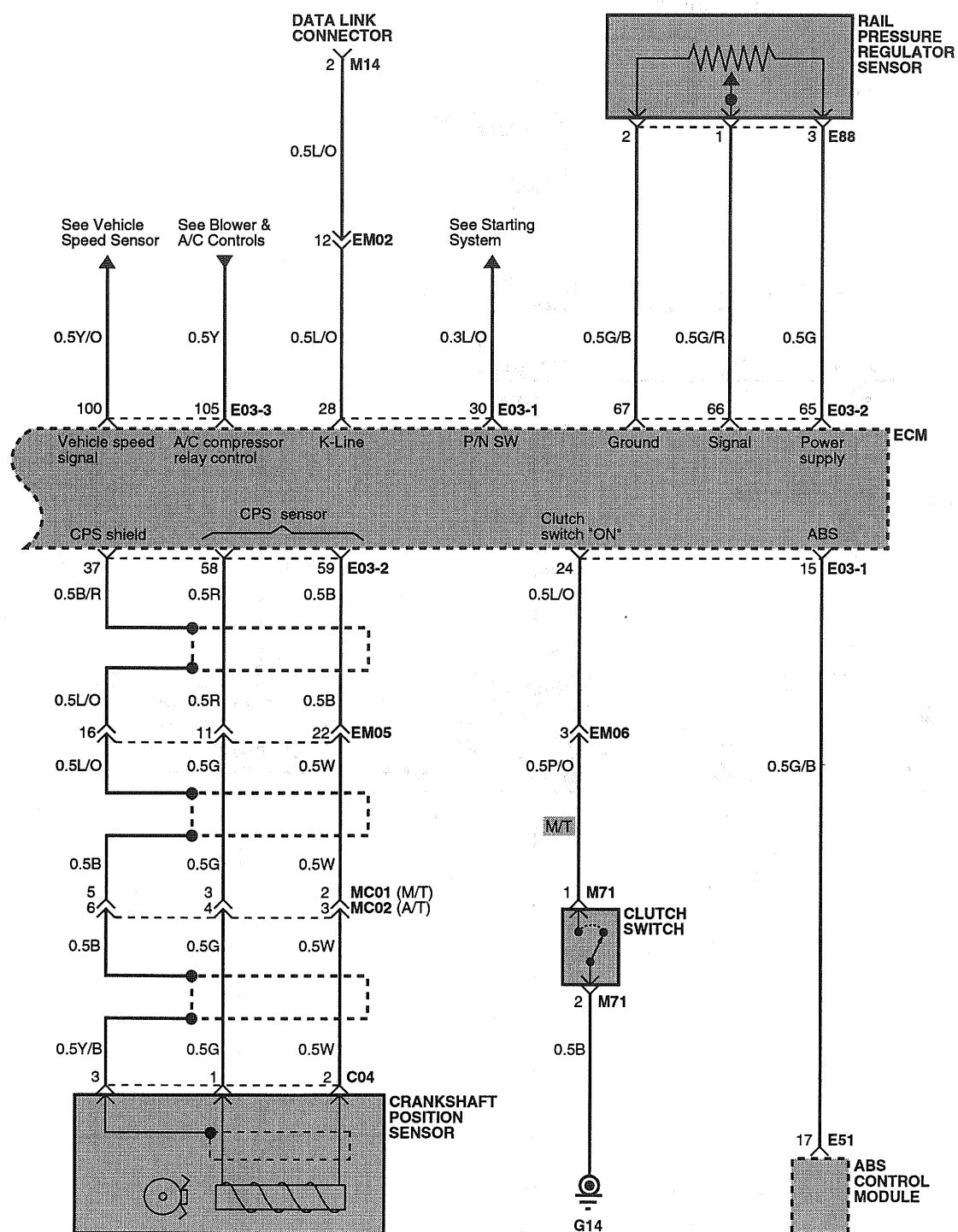


MFI CONTROL SYSTEM (6)



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MFI CONTROL SYSTEM (7)



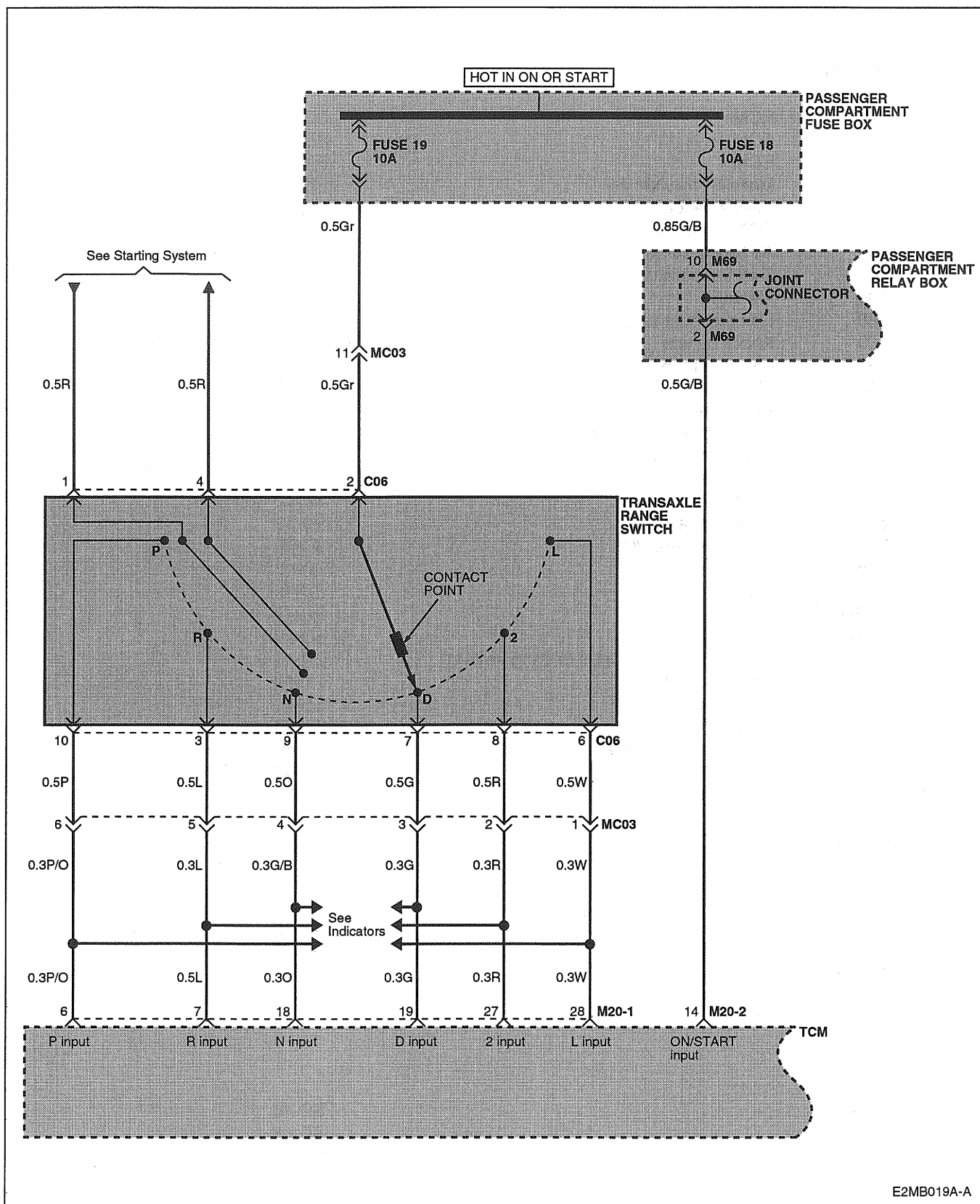
E2MB013A-G

COMPONENT LOCATION INDEX

Components		Location reference-Page
E03-1	ECM	SD-41
E03-2	ECM	SD-41
E03-3	ECM	SD-41
E17	Mass air flow sensor	SD-41
E34	EGR solenoid	SD-41
E43	ECT sensor & sender	SD-41
E52	Air heater relay #2	SD-41
E85	Fuel temperature sensor	SD-41
E86	I.M valve	SD-41
E88	Rail pressure regulator sensor	SD-42
E89	Knock sensor	SD-41
E90	Camshaft position sensor	SD-42
E91	Air heater #1	SD-42
E92	Air heater #2	SD-42
E110	Condenser fan relay #2	SD-42
E113	Engine control relay	SD-42
E114	CRI relay	SD-42
E131	Joint connector	SD-42
E132	Joint connector	SD-42
E139	Air heater relay #1	SD-42
E157-1	Injector #1	SD-42
E157-2	Injector #2	SD-42
E157-3	Injector #3	SD-42
E157-4	Injector #4	SD-42
M06	Ignition key ILL & Door warning switch	SD-40
M11	Stop lamp switch	SD-40
M14	Data link connector	SD-40
M20-1	TCM	SD-40
M22-2	TOD control module	SD-40
M70	Joint connector	SD-40
M71	Clutch switch	SD-40
Connectors		SD-40
EE07		
EM02		SD-45
EM05		SD-45
MC01		SD-45
MC02		SD-45
MI01		SD-45
Grounds		SD-46
G09		
G11		SD-46
G14		SD-46
		SD-46

AUTOMATIC TRANSAXLE CONTROL SYSTEM

AUTOMATIC TRANSAXLE CONTROL SYSTEM (1)



Wiring Diagram for Passenger Compartment Relay Box

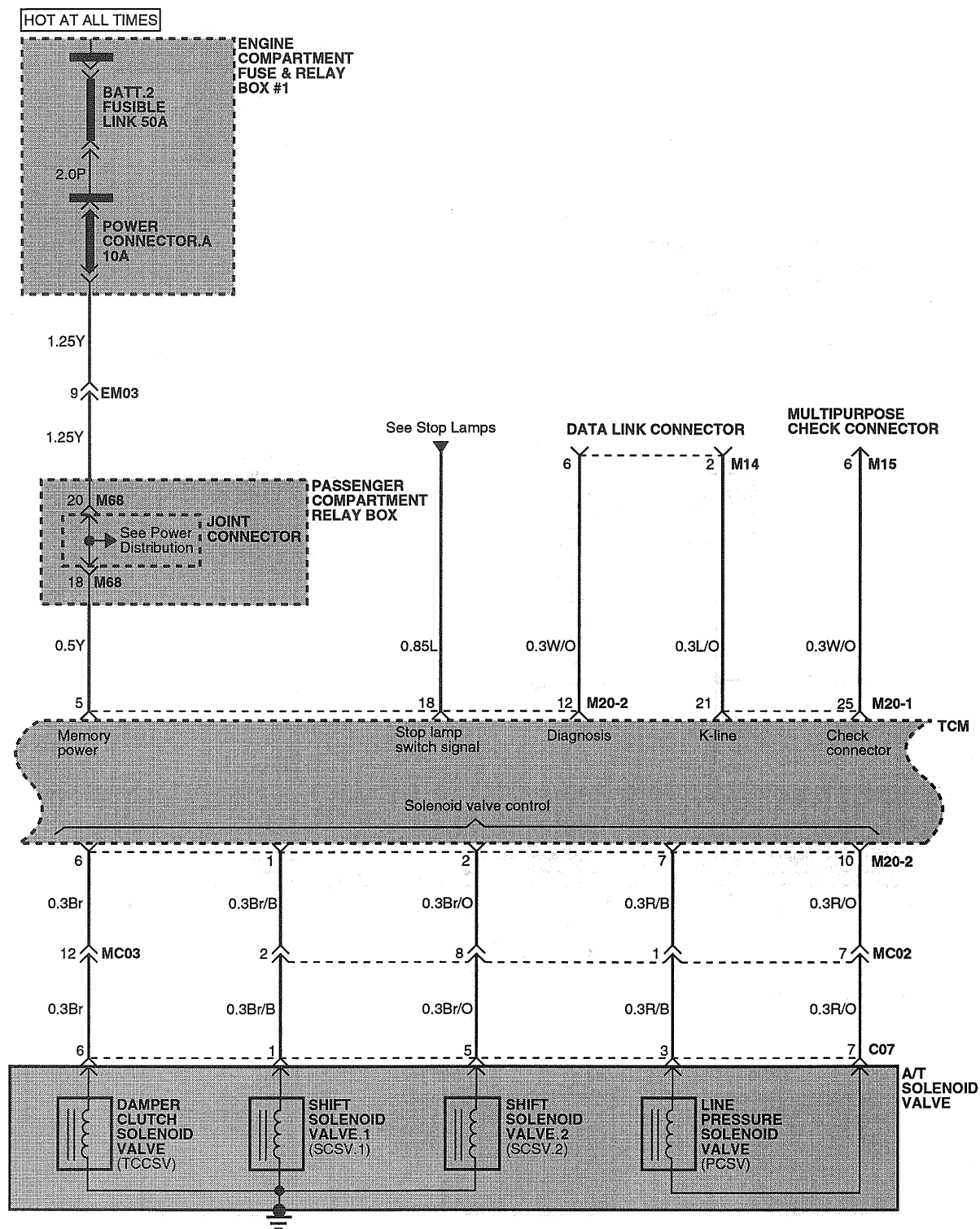
Legend:

- 0.5G/B: 0.5 Gauge, Blue
- 0.5G/O: 0.5 Gauge, Orange
- 0.3P/B: 0.3 Gauge, Blue
- 0.3G: 0.3 Gauge, Green
- 0.3R/B: 0.3 Gauge, Blue
- 0.3Gr/O: 0.3 Gauge, Orange
- 0.3Y: 0.3 Gauge, Yellow
- 0.3R: 0.3 Gauge, Red
- 0.5G: 0.5 Gauge, Green
- 0.3Gr/B: 0.3 Gauge, Blue
- 0.3Gr/O: 0.3 Gauge, Orange
- 0.5Y: 0.5 Gauge, Yellow
- 0.5R: 0.5 Gauge, Red

Components and Connections:

- Passenger Compartment Fuse Box:** FUSE 21 (10A) connected to HOT IN ON OR START.
- Passenger Compartment Relay Box:**
 - Terminal 4 (M69) connected to 0.5G/B.
 - Terminal 3 connected to 0.5G/B.
 - Terminal 2 (M30) connected to 0.5G/O (See Illuminations).
 - Terminal 1 (M30) connected to 0.5G (See Illuminations).
 - Terminal 4 connected to 0.3P/B (See Indicators).
 - Terminal 5 connected to 0.3P/B.
- O/D Switch:**
 - Terminal 2 connected to 0.5G/O (See Illuminations).
 - Terminal 1 connected to 0.5G (See Illuminations).
- Instrument Cluster:**
 - Terminal 14 (I03-1) connected to 0.5G/B.
 - Terminal 2 (I03-1) connected to 0.3R.
 - Terminal 10 (M102) connected to 0.3Br/O.
 - Terminal 17 (M20-1) connected to 0.3R.
- TCM (Transmission Control Module):**
 - Oil temp. ind. control connected to 0.3R.
 - Output speed sensor connected to 0.3W (Terminal 4) and 0.3G (Terminal 11).
 - Input speed sensor connected to 0.3R/B (Terminal 10) and 0.3Gr/O (Terminal 3).
 - Oil temperature sensor connected to 0.3Y (Terminal 20) and 0.3R (Terminal 13).
- Sensors:**
 - Output Speed Sensor (PG-B):** Terminals 1, 2, 8, 7, 4, 11.
 - Input Speed Sensor (PG-A):** Terminals 2, 1, 13, 14, 10, 3.
 - A/T Oil Temperature Sensor (C08):** Terminals 2, 1, 15, 16, 20, 13.

AUTOMATIC TRANSAXLE CONTROL SYSTEM (3)



COMPONENT LOCATION INDEX

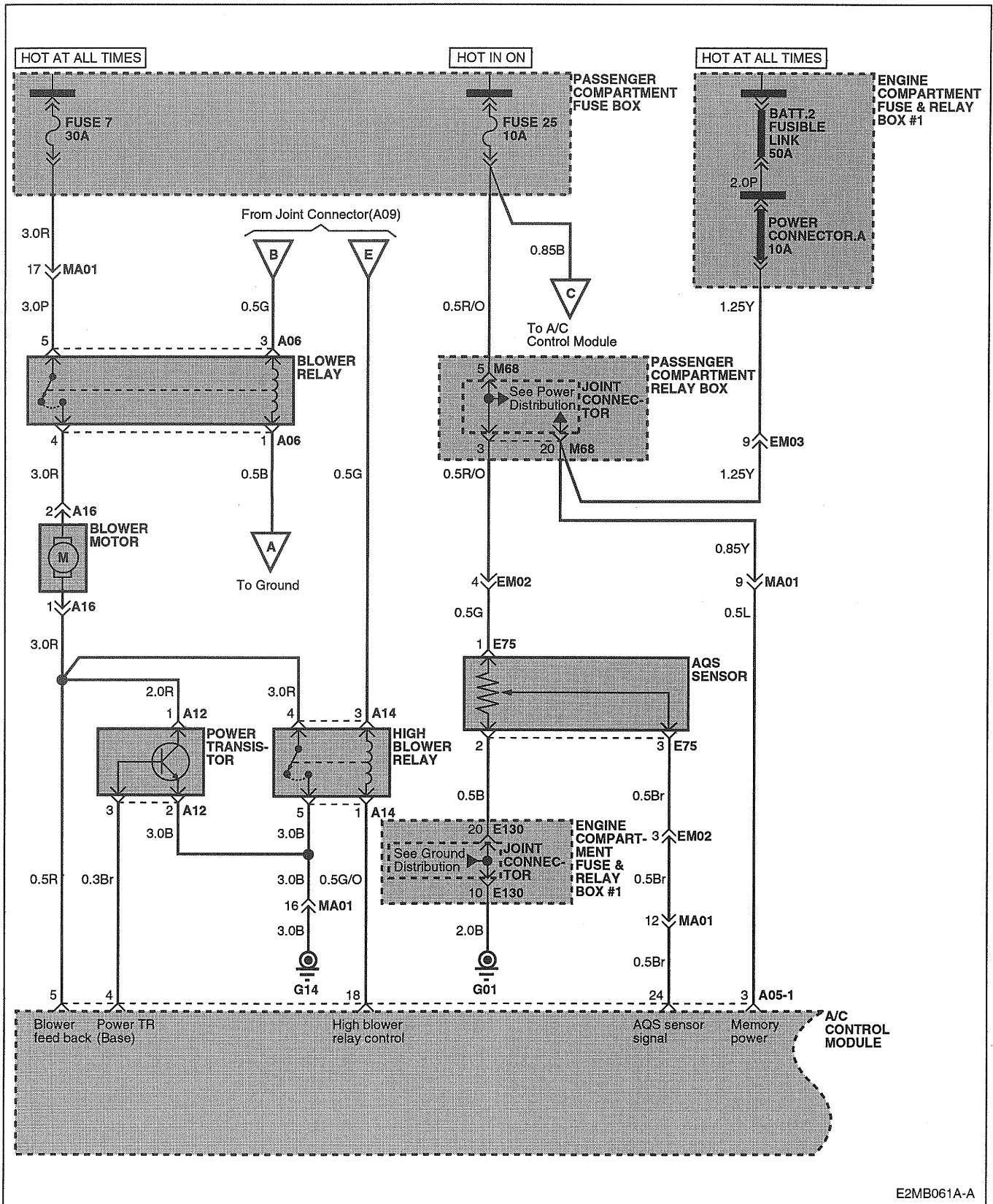
Components		Location reference-Page
C01	Vehicle speed sensor	SD-43
C03	Output speed sensor (PG-B)	SD-43
C06	Transaxle range switch	SD-43
C07	A/T solenoid valve	SD-43
C08	A/T oil temperature sensor	SD-43
C10	Input speed sensor (PG-A)	SD-43
E03-1	ECM	SD-41
E03-3	ECM	SD-41
M14	Data link connector	SD-40
M15	Multipurpose check connector	SD-40
M20-1	TCM	SD-40
M20-2	TCM	SD-40
M22-2	TOD control module	SD-40
M23	EST control module	SD-40
M68	Joint connector	SD-40
M69	Joint connector	SD-40
M70	Joint connector	SD-40
Connectors		
EM03		SD-45
EM05		SD-45
MC02		SD-45
MC03		SD-45
MI01		SD-46
MI02		SD-46
Grounds		
G13		SD-46

MEMO

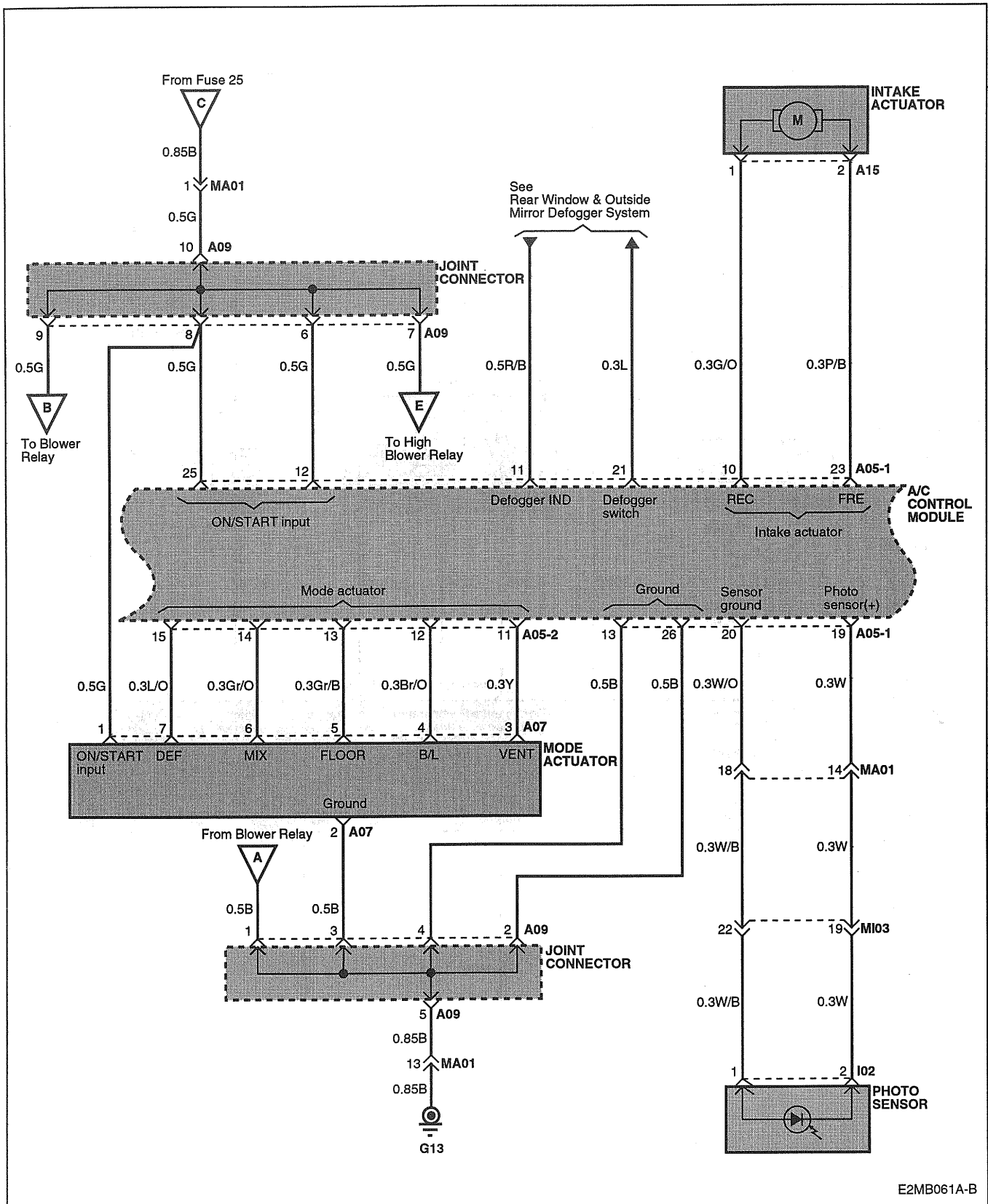
A large rectangular box with a thin black border, intended for a memo or handwritten notes. The box is empty and occupies the majority of the page below the 'MEMO' header.

BLOWER & A/C CONTROLS (AUTO)

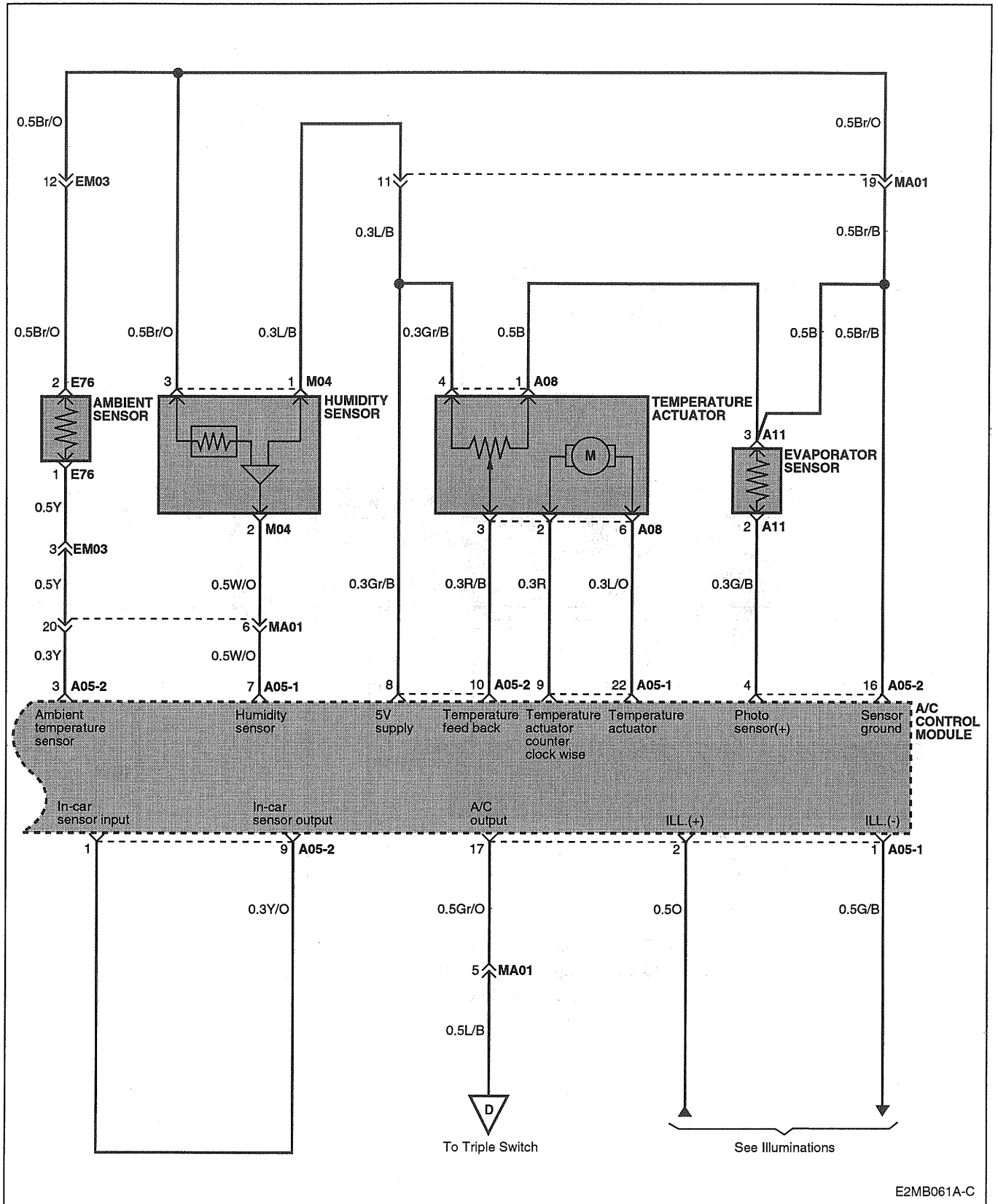
BLOWER & A/C CONTROLS (AUTO) (1)



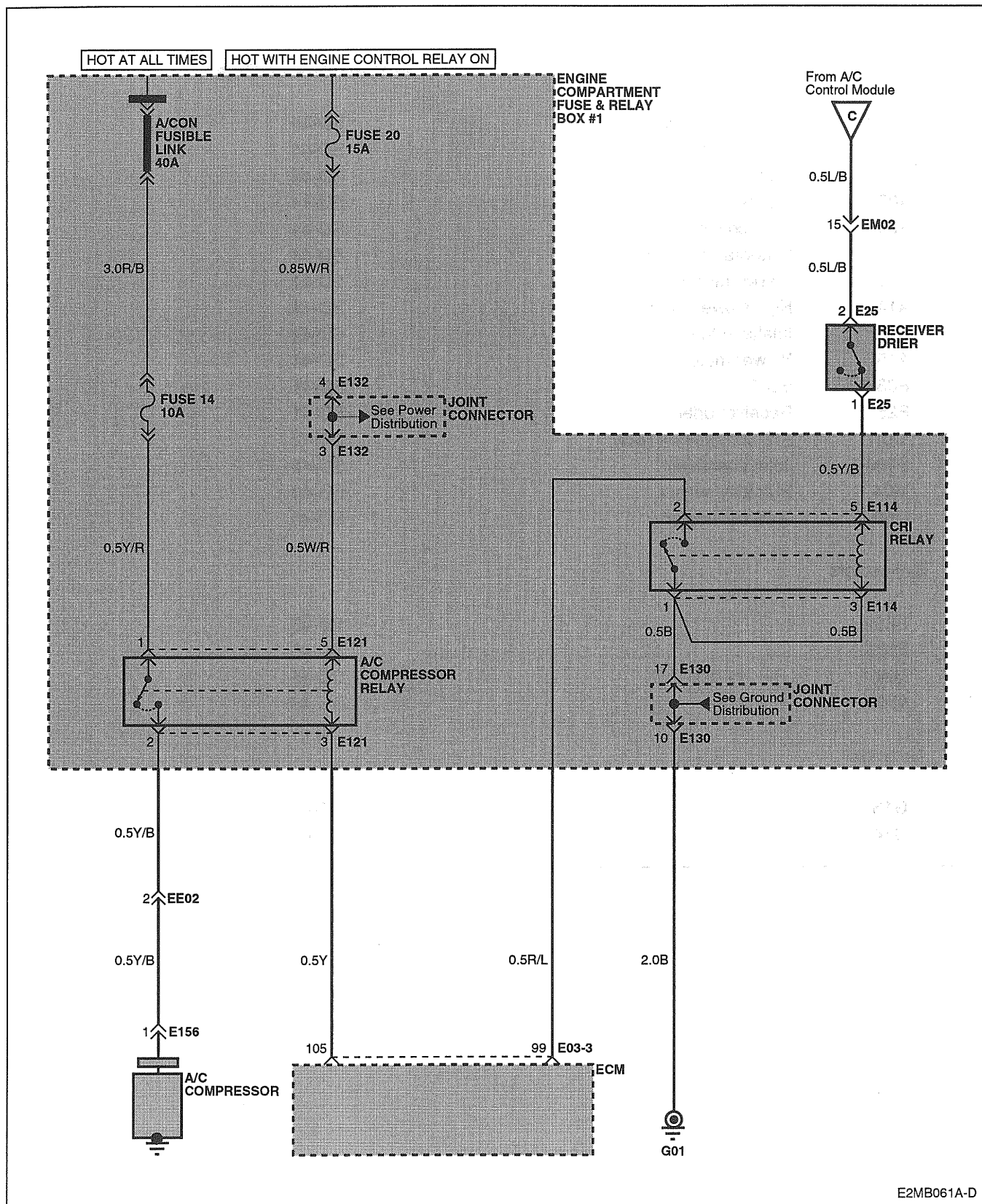
BLOWER & A/C CONTROLS (AUTO) (2)



BLOWER & A/C CONTROLS (AUTO) (3)



BLOWER & A/C CONTROLS (AUTO) (4)



COMPONENT LOCATION INDEX

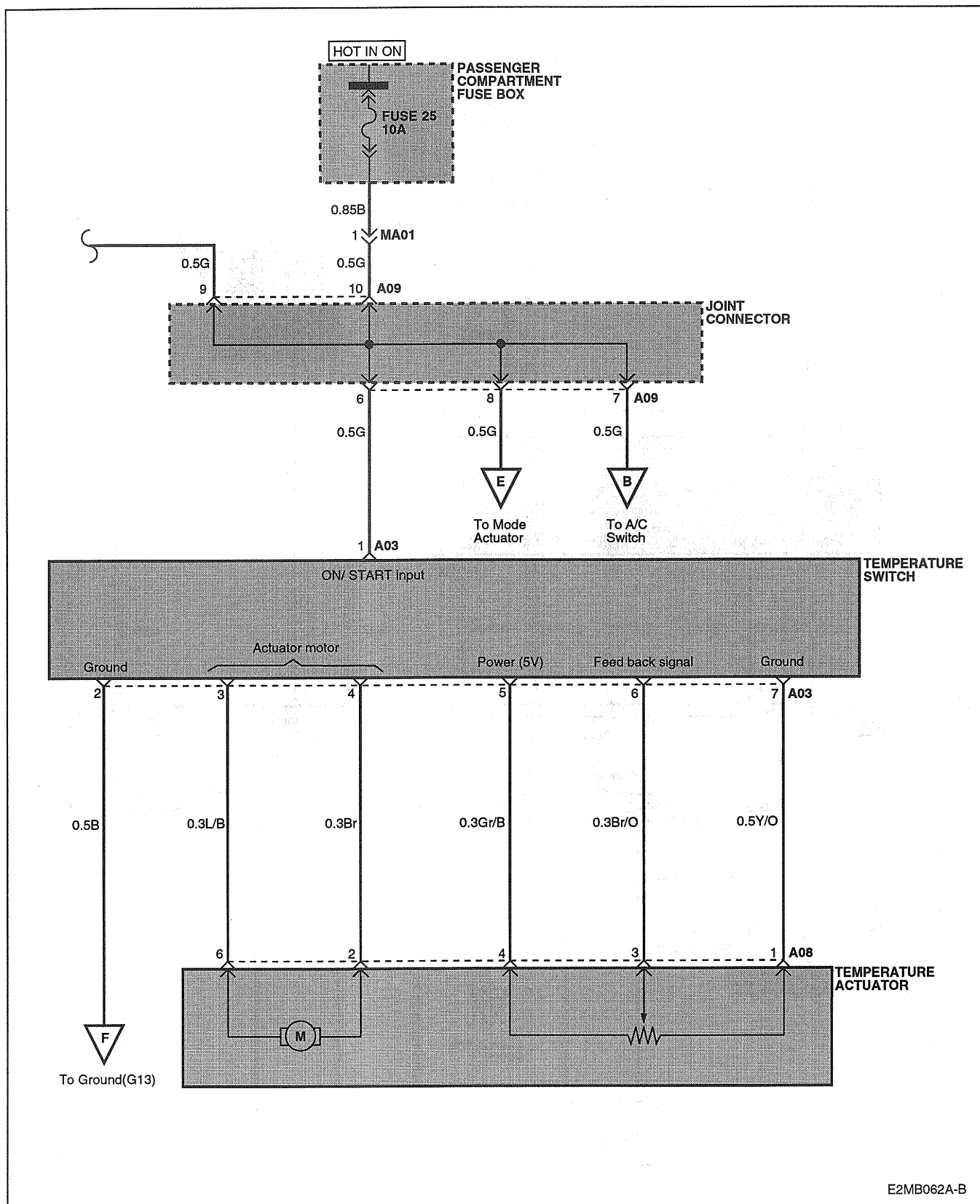
Components		Location reference-Page
A05-1	A/C control module	SD-44
A06	Blower relay	SD-44
A07	Mode actuator	SD-44
A08	Temperature actuator	SD-44
A09	Joint connector	SD-44
A11	Evaporator sensor	SD-44
A12	Power transistor	SD-44
A14	High blower relay	SD-44
A15	Intake actuator	SD-44
A16	Blower motor	SD-44
E03-3	ECM	SD-41
E25	Receiver drier	SD-41
E121	A/C compressor relay	SD-42
E130	Joint connector	SD-42
M04	Humidity sensor	SD-40
M68	Joint connector	SD-40
Connectors		
EE02		SD-45
EM02		SD-45
MA01		SD-45
MI03		SD-46
Grounds		
G13		SD-46
G14		SD-46

MEMO

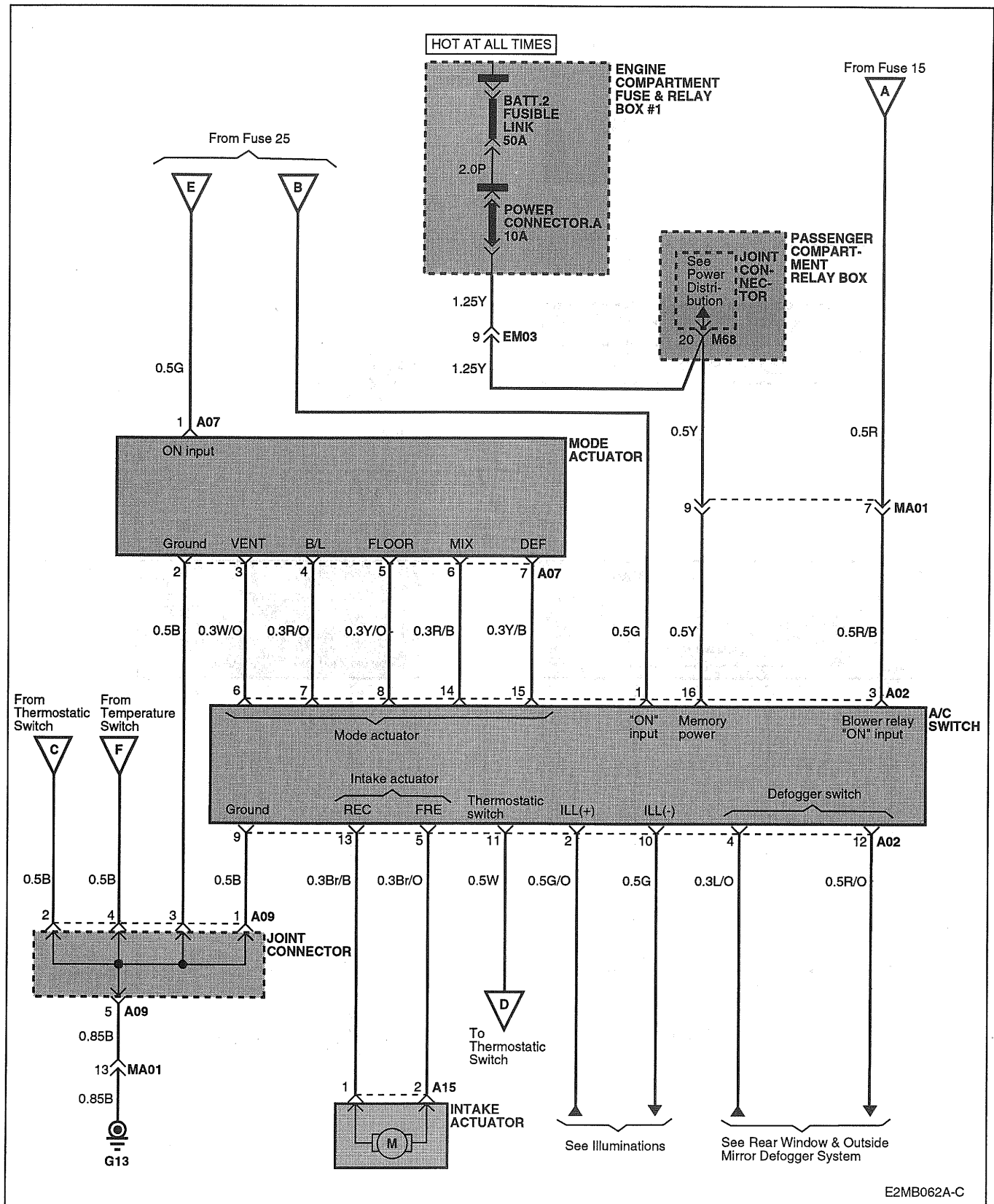
BLOWER & A/C CONTROLS (MANUAL) (1)



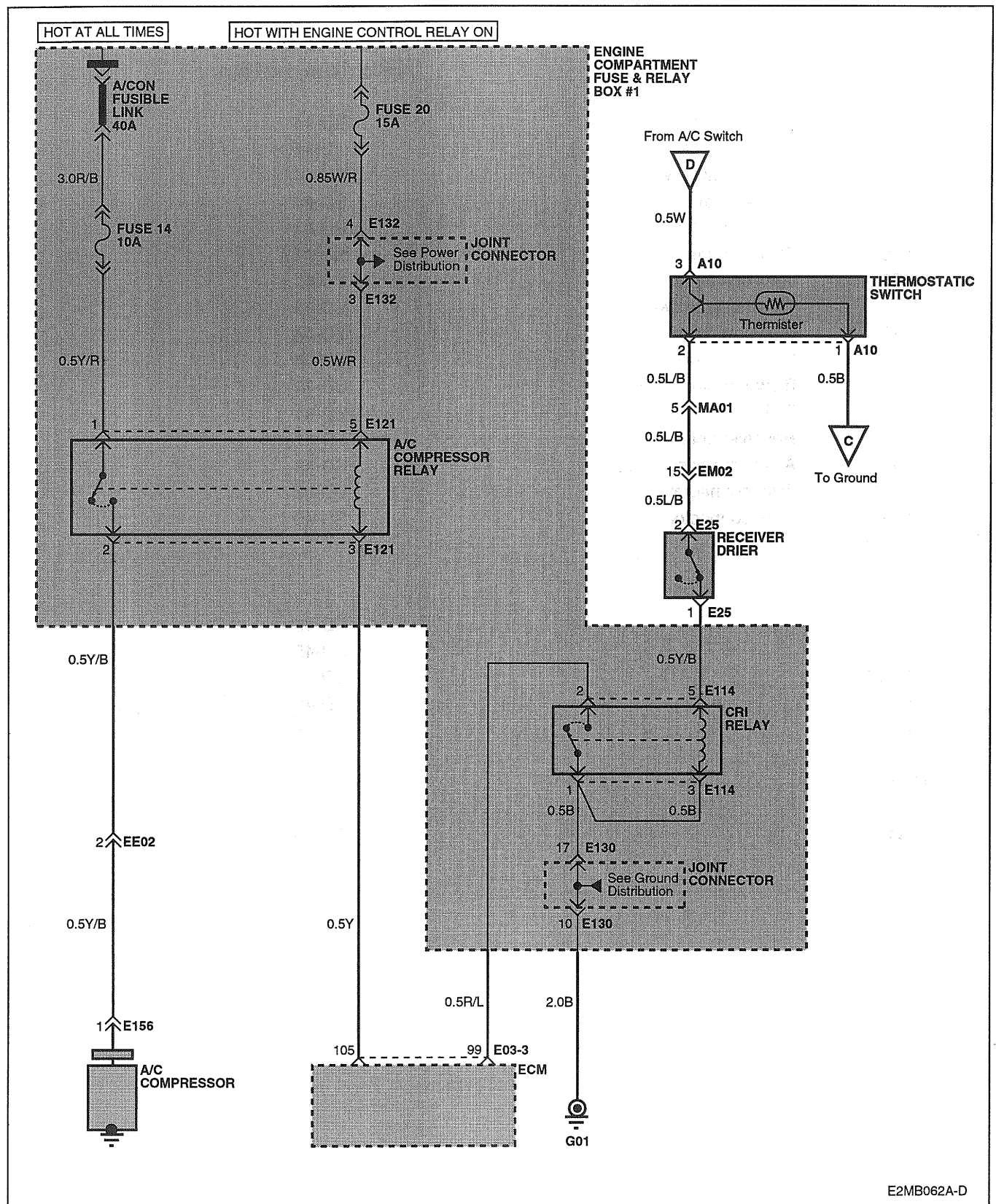
BLOWER & A/C CONTROLS (MANUAL) (2)



BLOWER & A/C CONTROLS (MANUAL) (3)



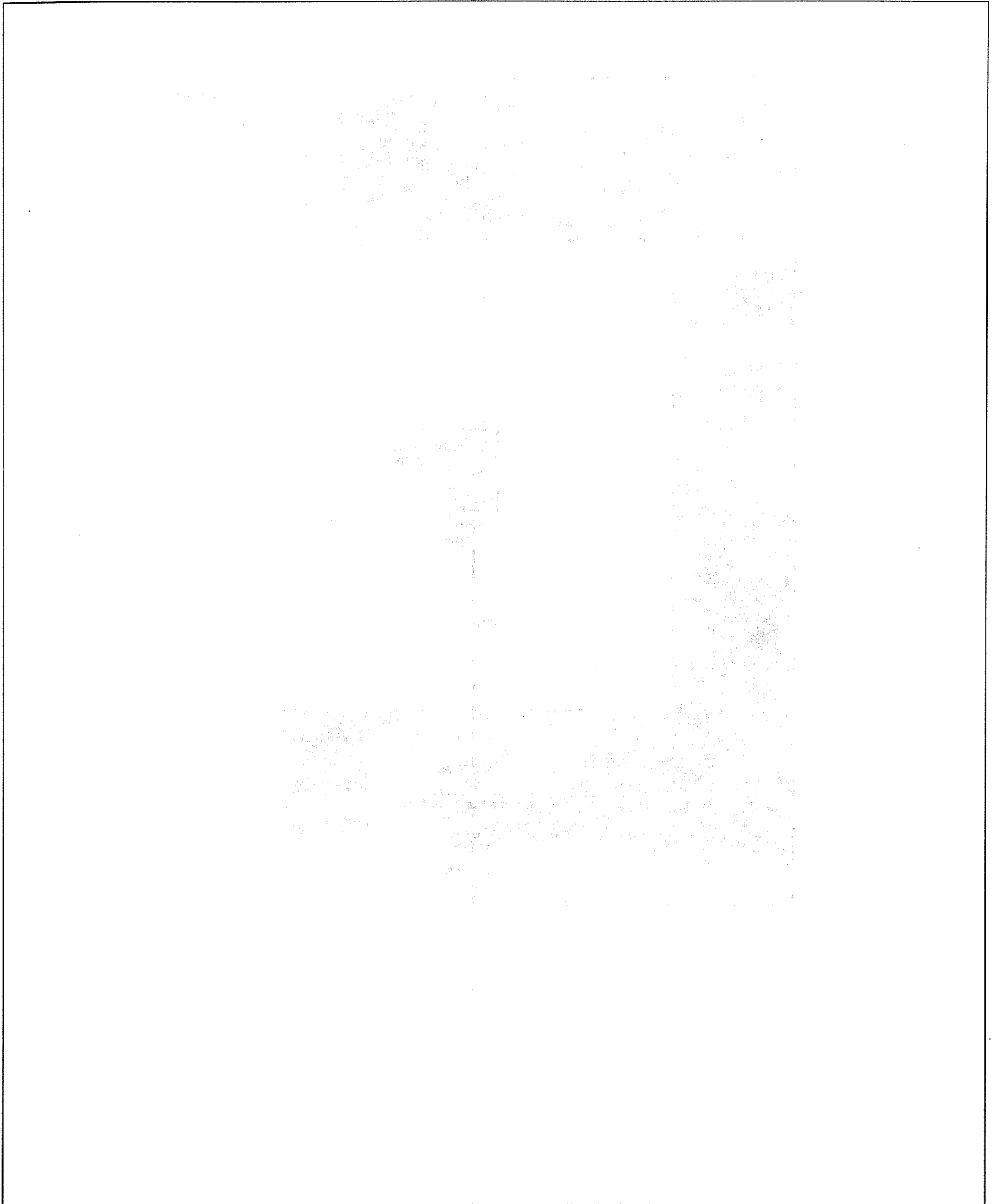
BLOWER & A/C CONTROLS (MANUAL) (4)



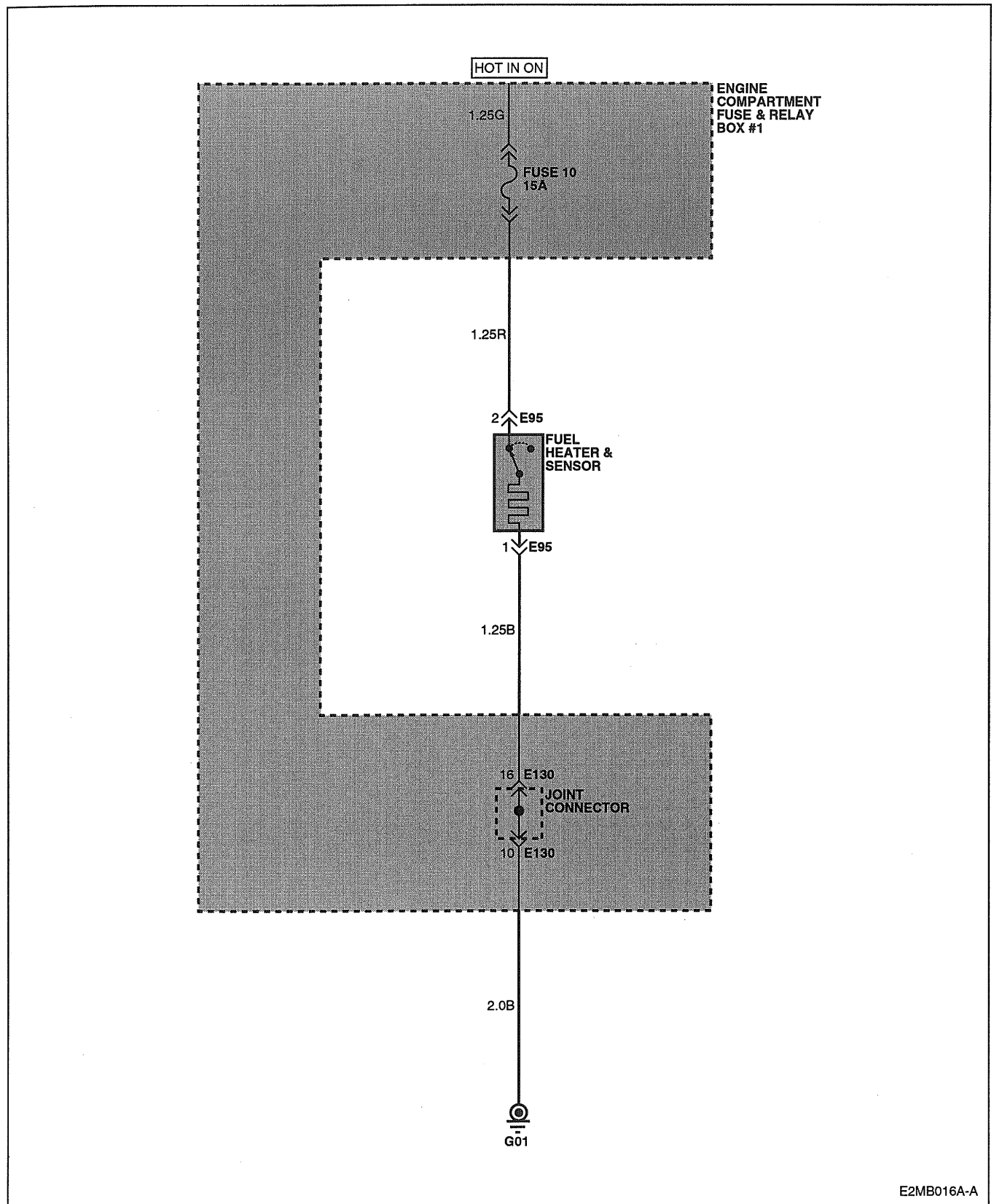
COMPONENT LOCATION INDEX

Components		Location reference-Page
A01	Blower switch	SD-44
A02	A/C switch	SD-44
A03	Temperature switch	SD-44
A06	Blower relay	SD-44
A07	Mode actuator	SD-44
A08	Temperature actuator	SD-44
A09	Joint connector	SD-44
A10	Thermostatic switch	SD-44
A13	Blower resistor	SD-44
A15	Intake actuator	SD-44
A16	Blower motor	SD-44
E03-3	ECM	SD-41
E25	Receiver drier	SD-41
E121	A/C compressor relay	SD-42
E131	Joint connector	SD-42
M68	Joint connector	SD-40
Connectors		
EE02		SD-45
EM02		SD-45
EM03		SD-45
MA01		SD-45
MA02		SD-45
Grounds		
G13		SD-46
G14		SD-46

MEMO



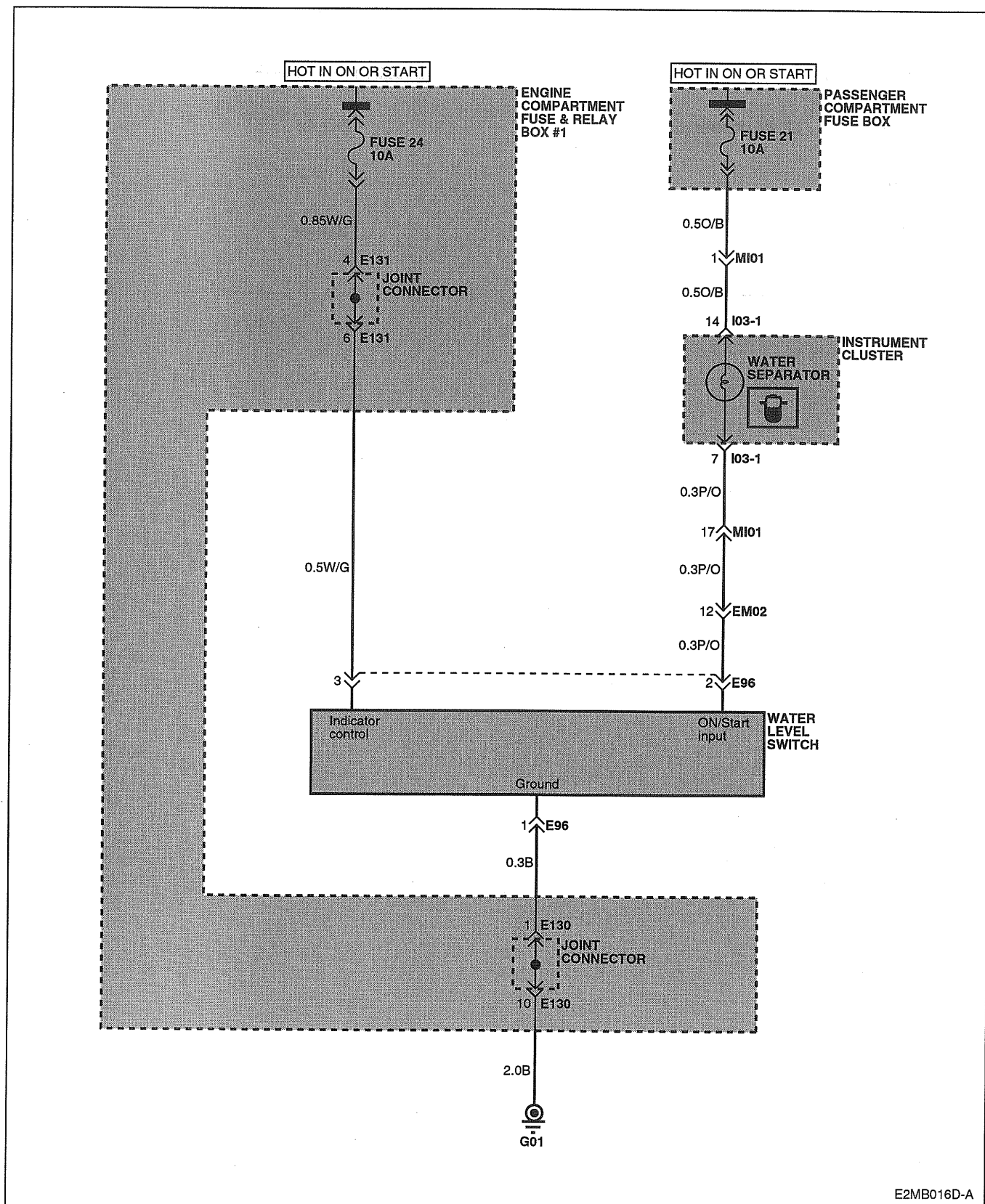
FUEL & HEATING SYSTEM



COMPONENT LOCATION INDEX

Components		Location reference-Page
E130	Joint connector	SD-42
Grounds		
G01		SD-46

WATER SEPARATOR SYSTEM

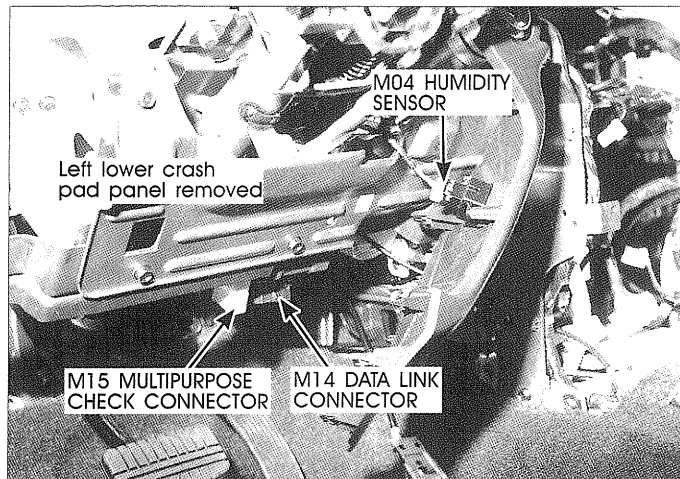


COMPONENT LOCATION INDEX

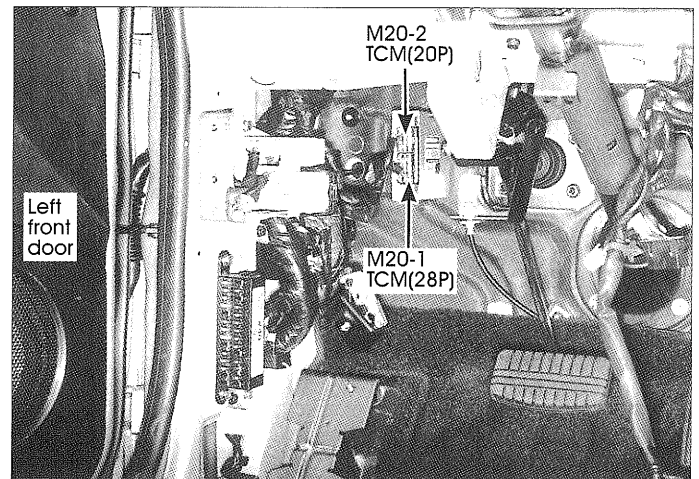
Components		Location reference-Page
E130	Joint connector	SD-42
E131	Joint connector	SD-42
Connectors		
EM02		SD-45
Mi01		SD-46
Grounds		
G01		SD-46

COMPONENT LOCATIONS

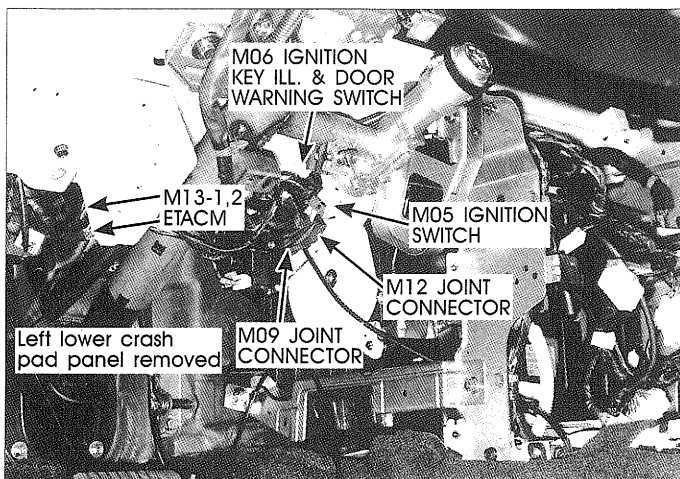
COMPONENT LOCATIONS(1)

**M04,M14,M15**

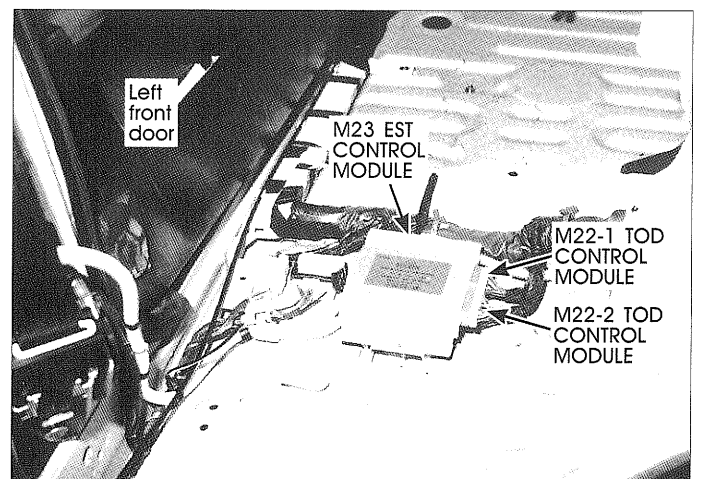
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**M20-1,M20-2**

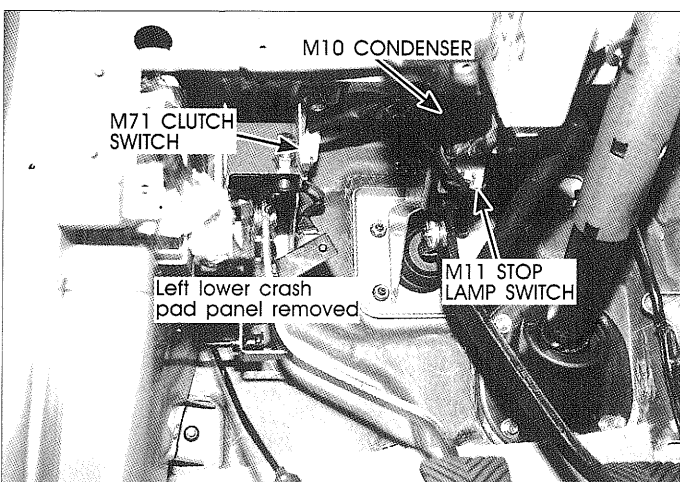
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**M05,M06,M09,M12,M13-1,M13-2**

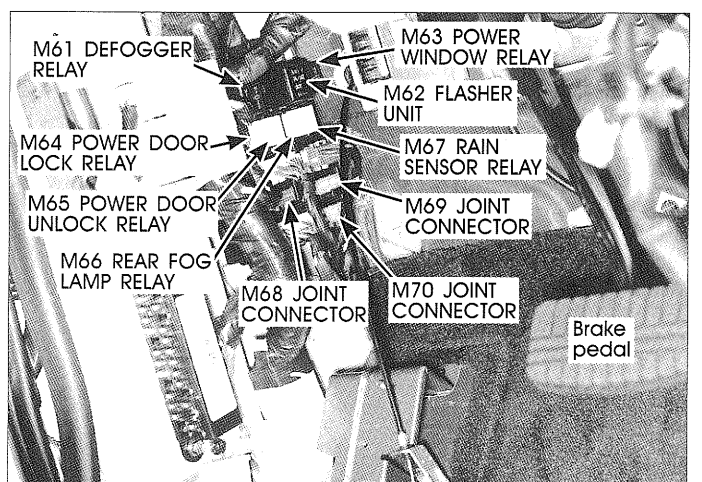
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**M22-1,M22-2,M23**

E3MB001E

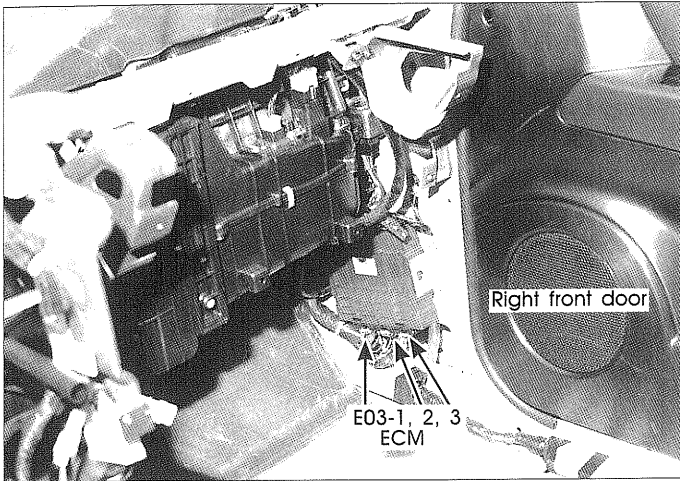
**M10,M11,M71**

E3MB001C

**M61,M62,M63,M64,M65
M66,M67,M68,M69,M70**

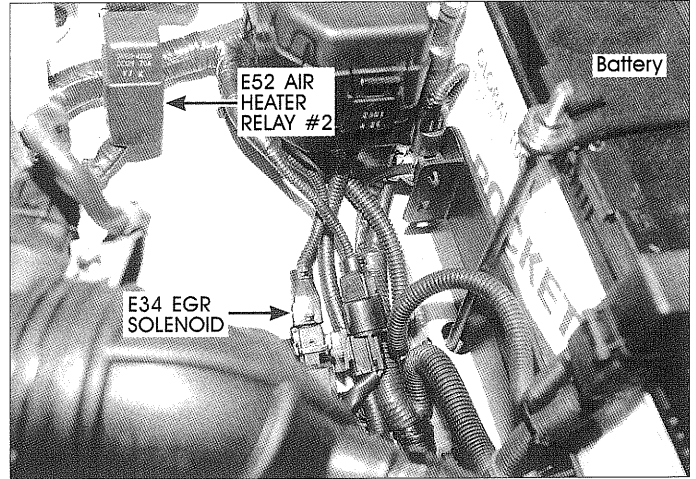
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COMPONENT LOCATIONS(2)



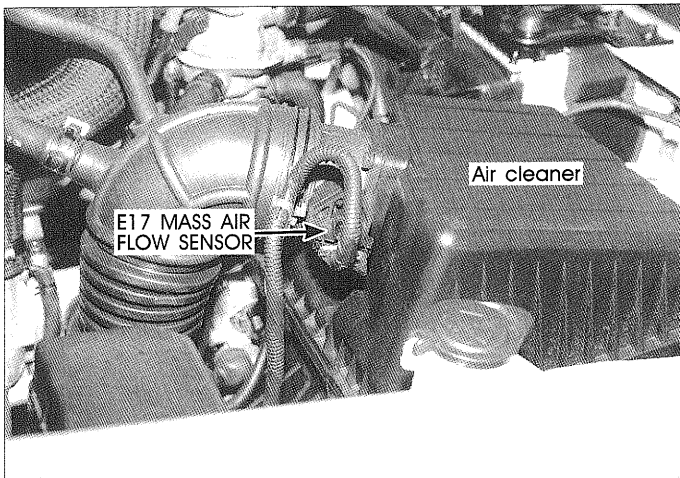
E03-1,E03-2,E03-3

E3MB001G



E34,E52

E3MB001K



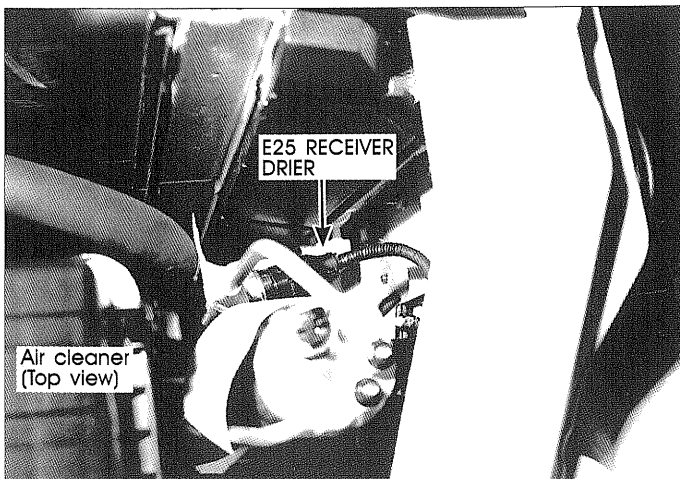
E17

E3MB001H



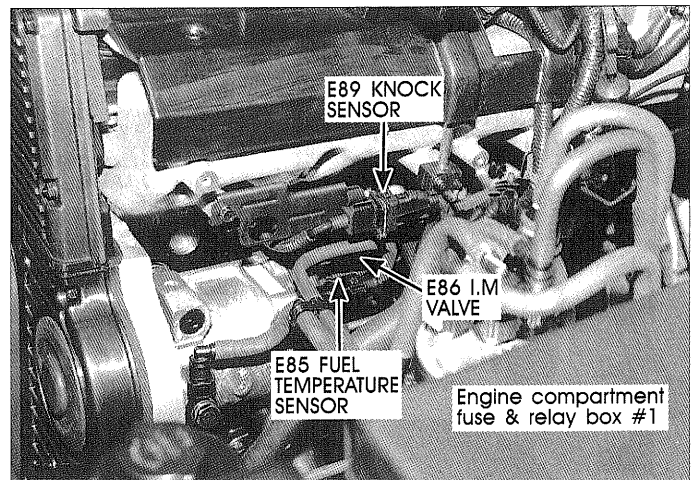
E43

E3MB001L



E25

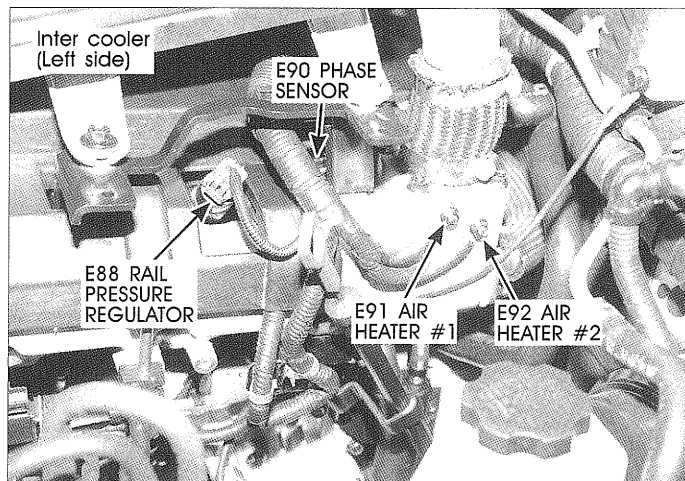
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E85,E86,E89

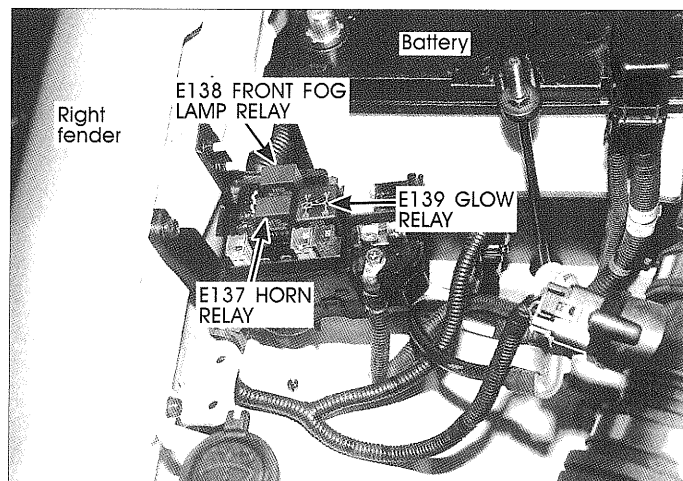
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COMPONENT LOCATIONS(3)



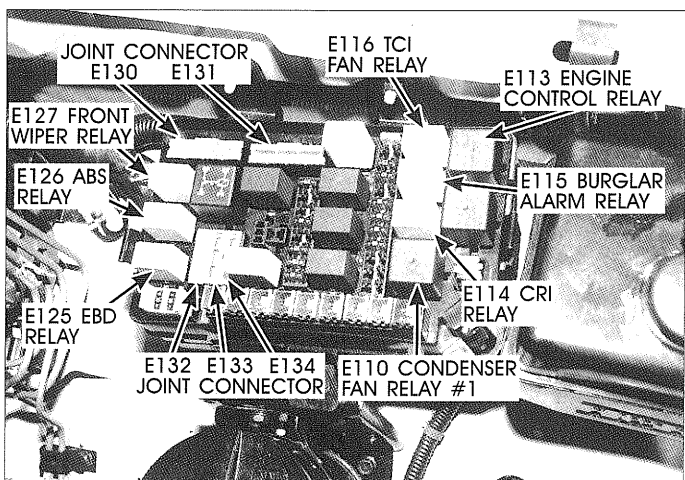
E88,E90,E91,E92

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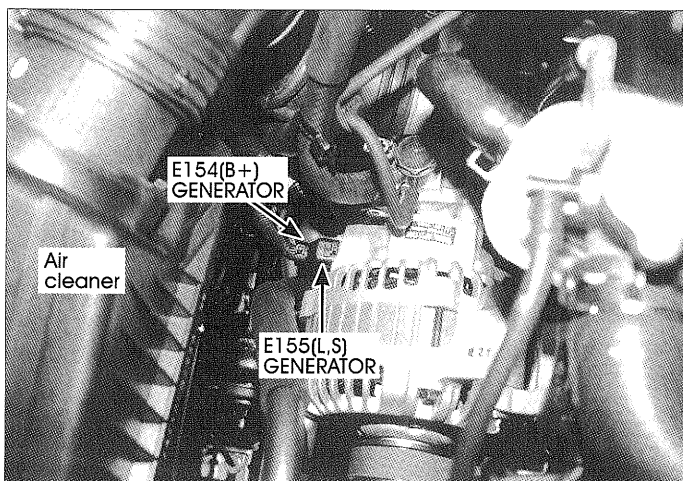


E137,E138,E139

E3MB001R

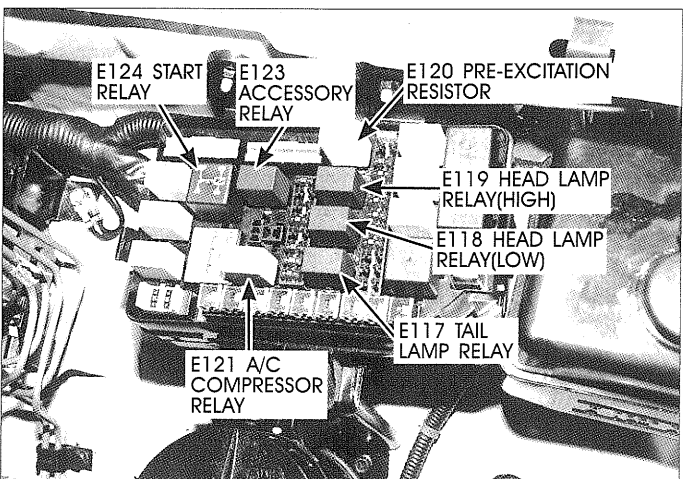
E110,E113,E114,E115,E116,E125,E126
E127,E130,E131,E132,E133,E134

E3MB001P



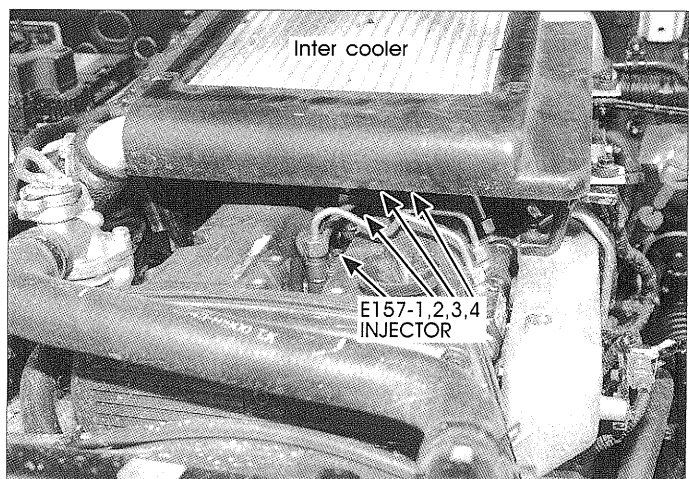
E154,E155

E3MB001S



E117,E118,E119,E120,E121,E123,E124

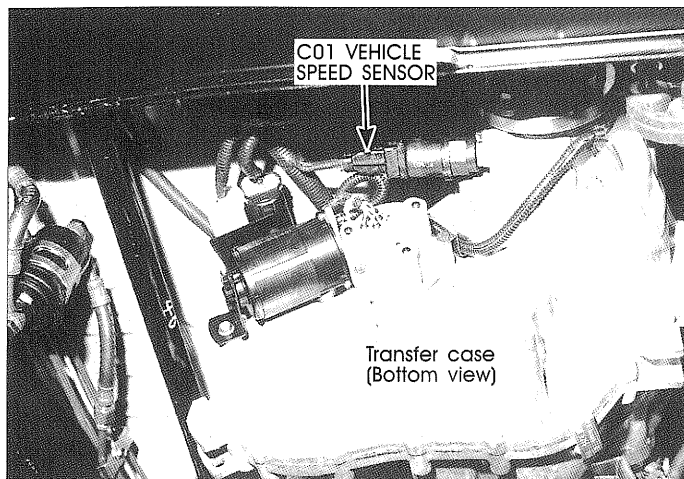
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E157-1,E157-2,E157-3,E157-4

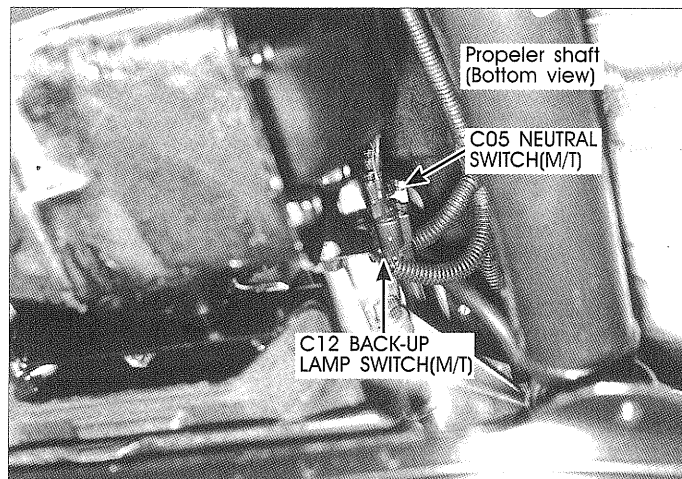
E3MB001T

COMPONENT LOCATIONS(4)



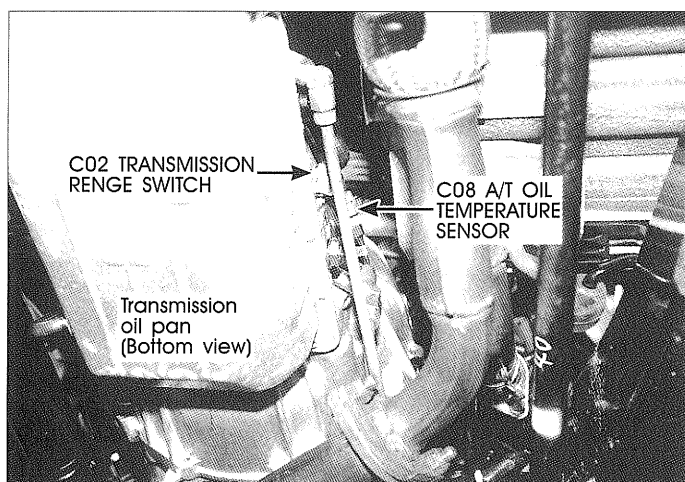
C01

E3MB001U



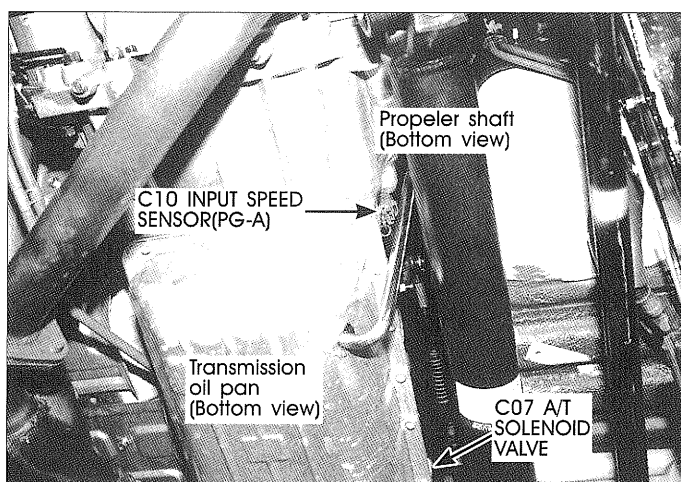
C05,C12

E3MB001X



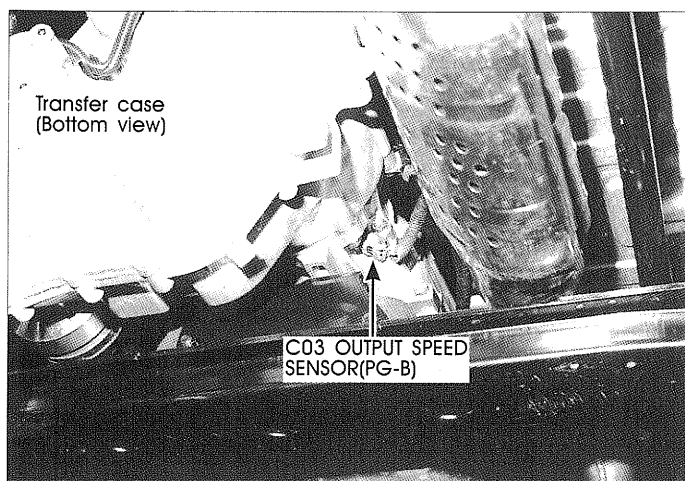
C02,C08

E3MB001V



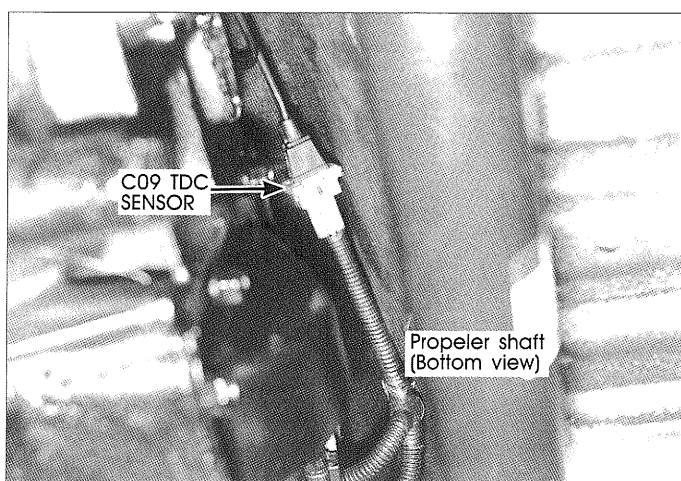
C07,C10

E3MB001Y



C03

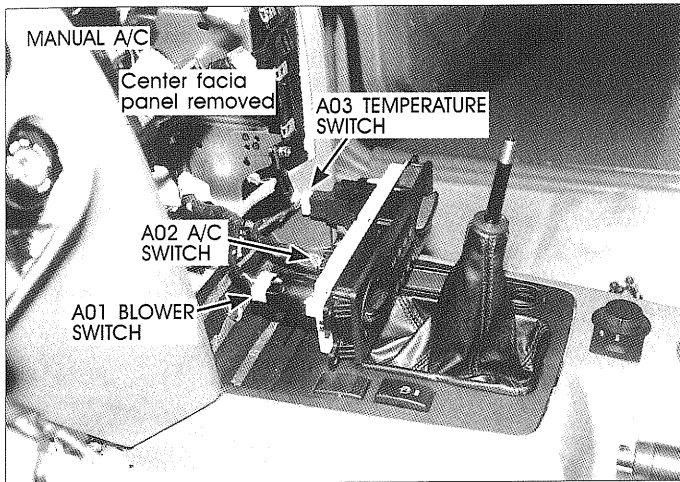
E3MB001W



C09

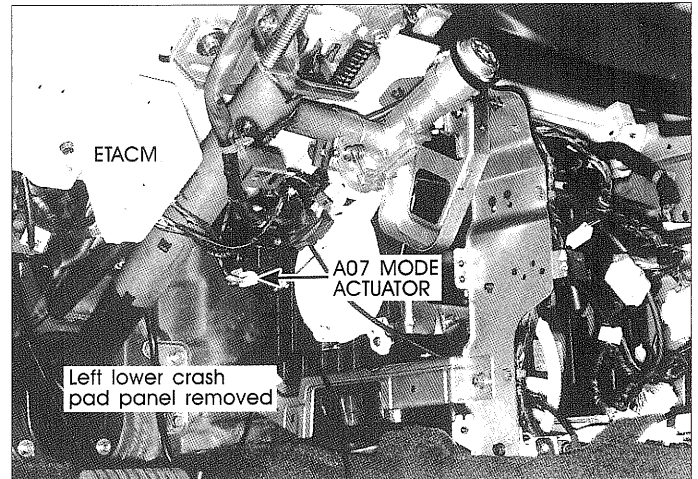
E3MB001Z

COMPONENT LOCATIONS(5)



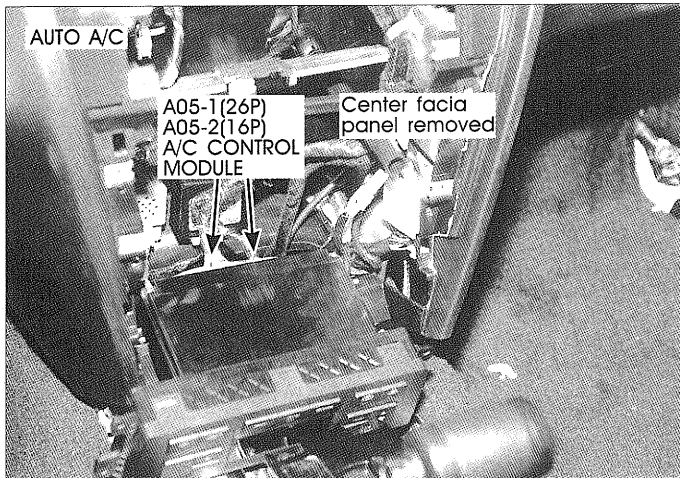
A01,A02,A03

E3MBA01A



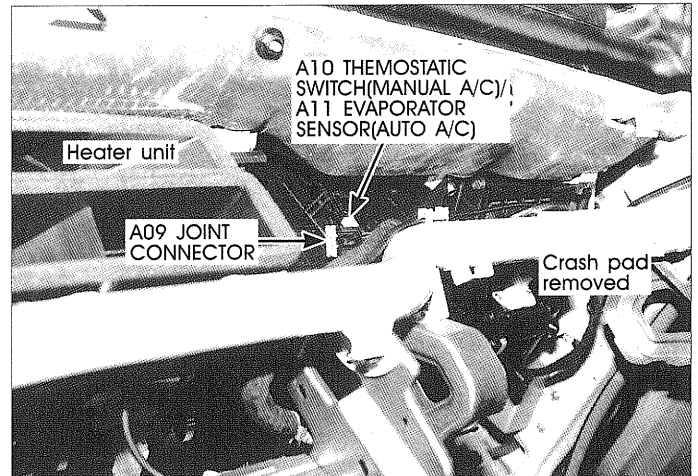
A07

E3MBA01D



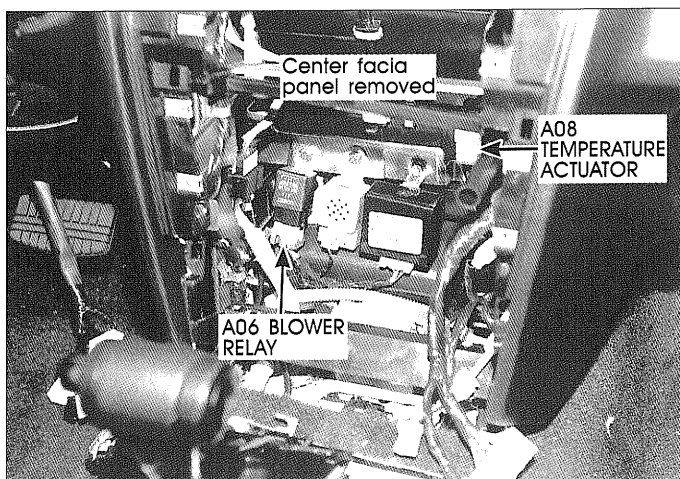
A05-1,A05-2

E3MBA01B



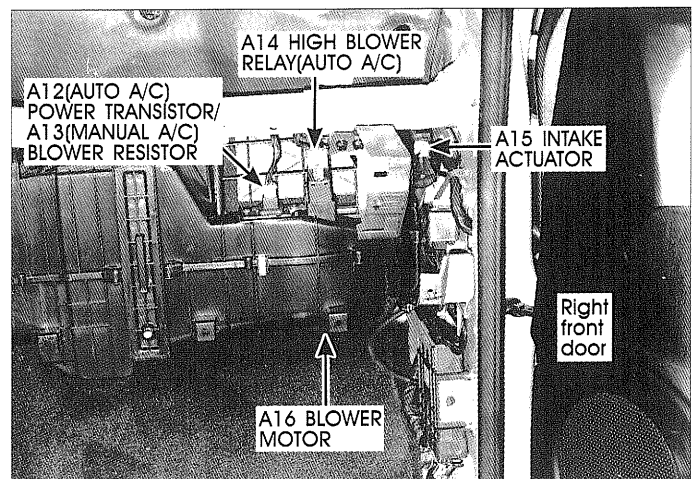
A09,A10,A11

E3MBA01E



A06,A08

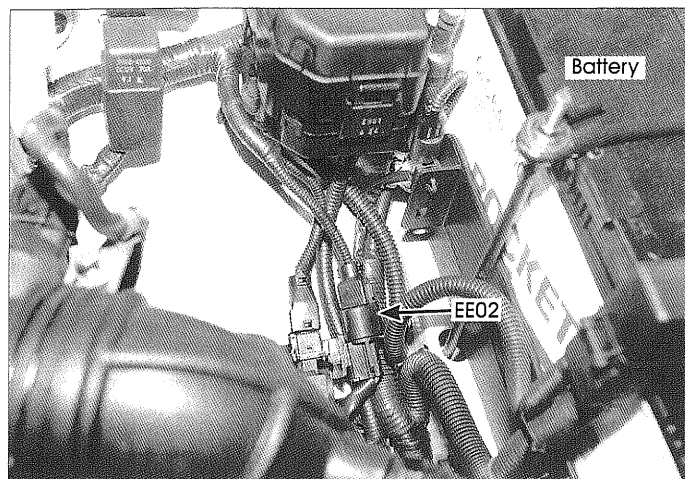
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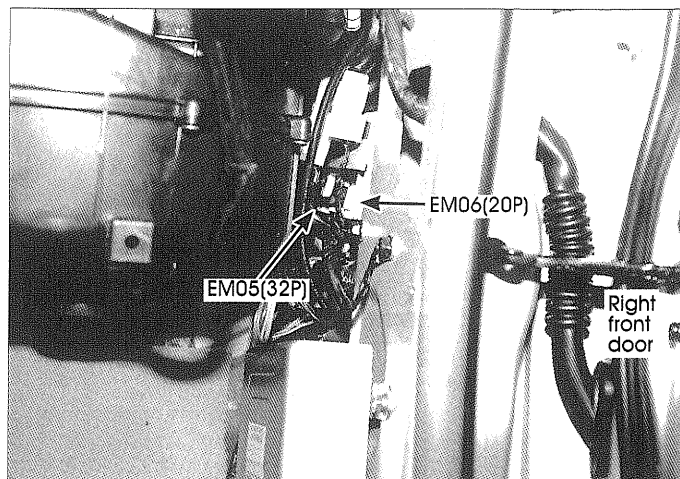
A12,A13,A14,A15,A16

E3MBA01F

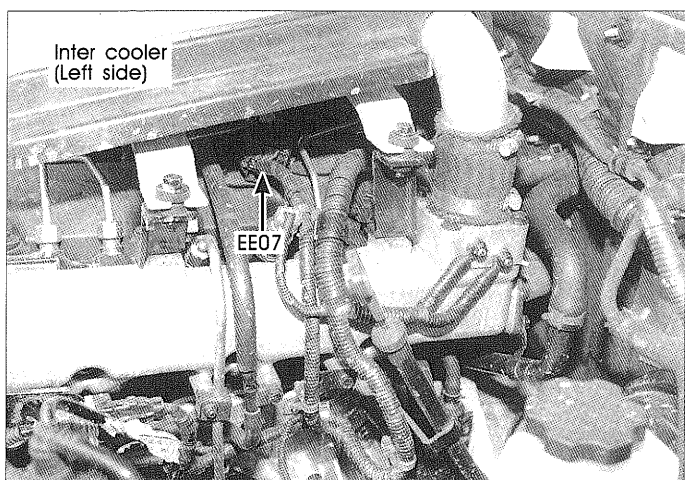
COMPONENT LOCATIONS(6)

**EE02**

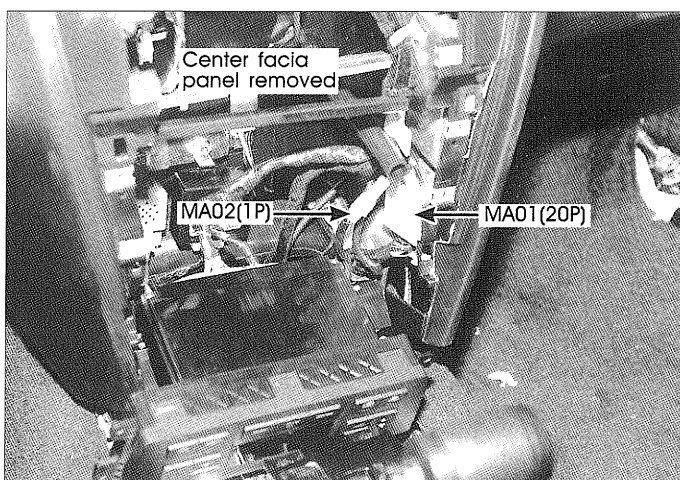
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**EM05,EM06**

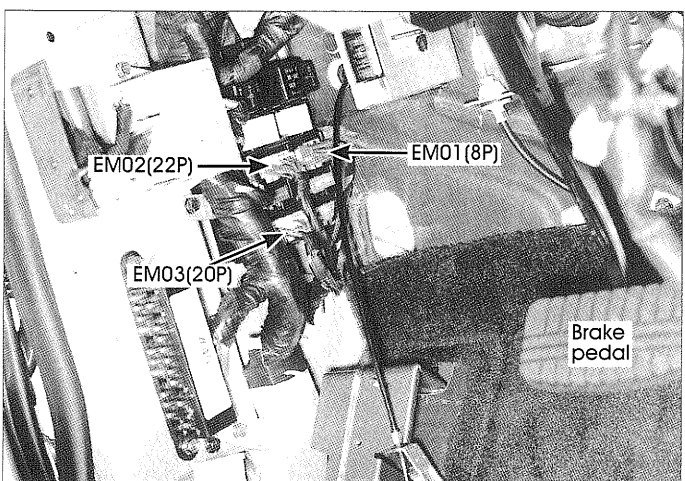
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**EE07**

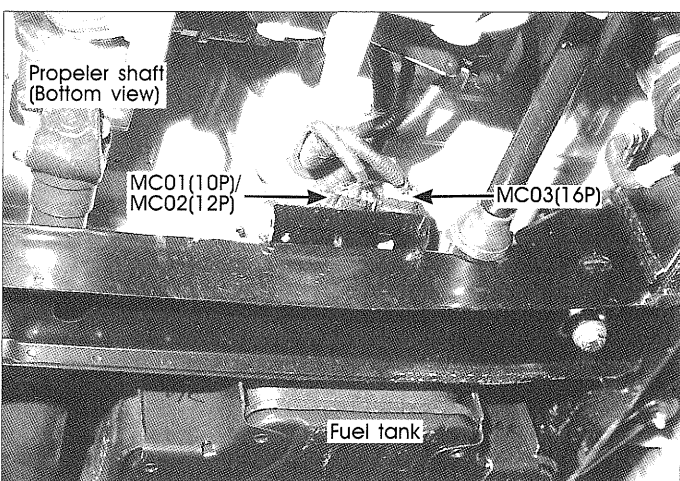
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**MA01,MA02**

E3MBA01L

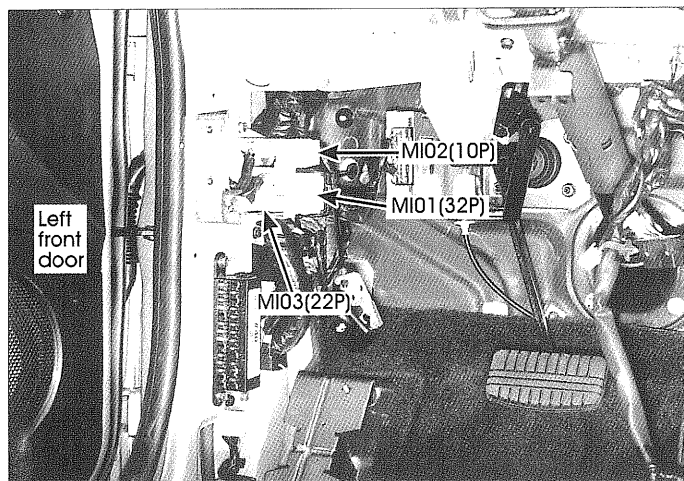
**EM01,EM02,EM03**

E3MBA01J

**MC01,MC02,MC03**

E3MBA01M

COMPONENT LOCATIONS(7)



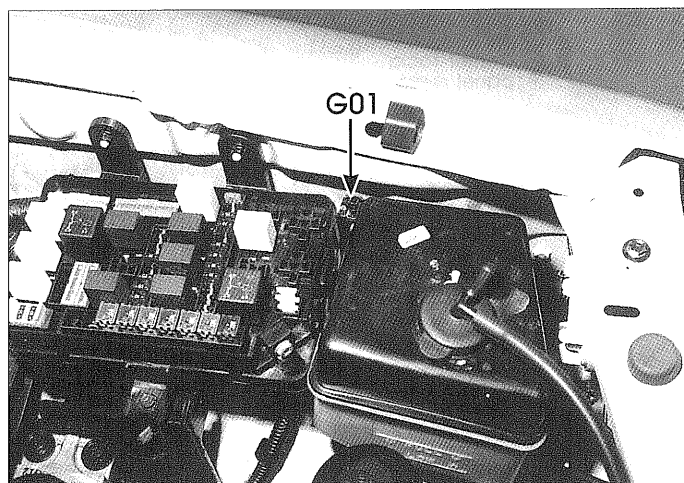
MI01,MI02,MI03

E3MBA01N



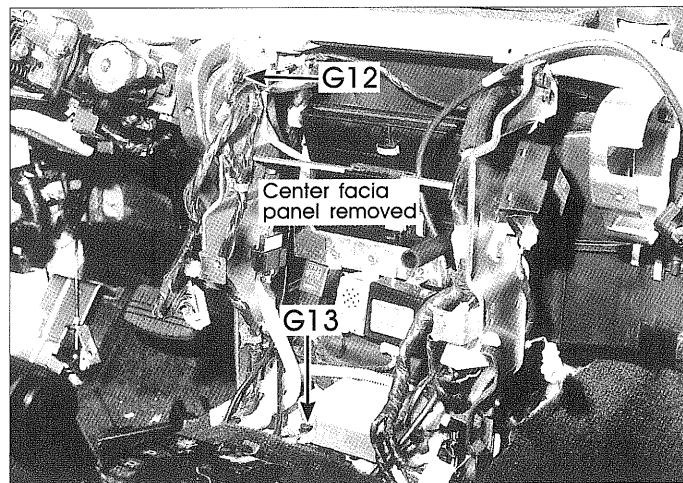
G09,G11

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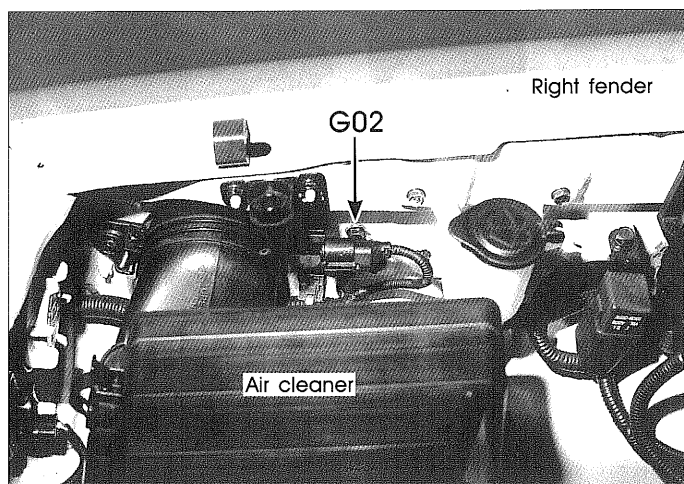
G01

E3MBA01P



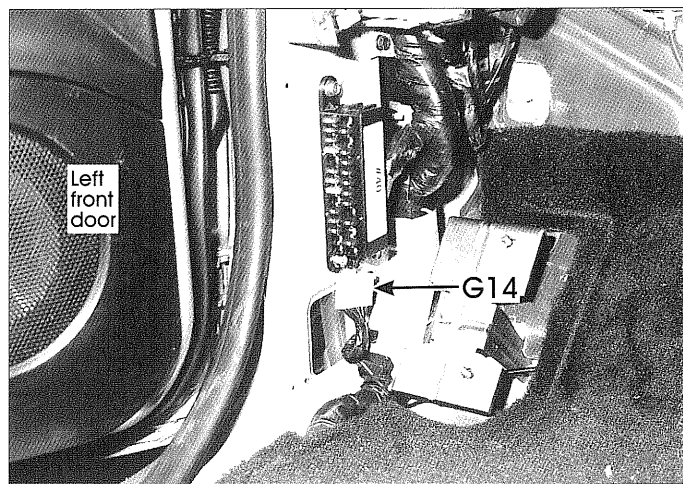
G12,G13

E3MBA01S



G02

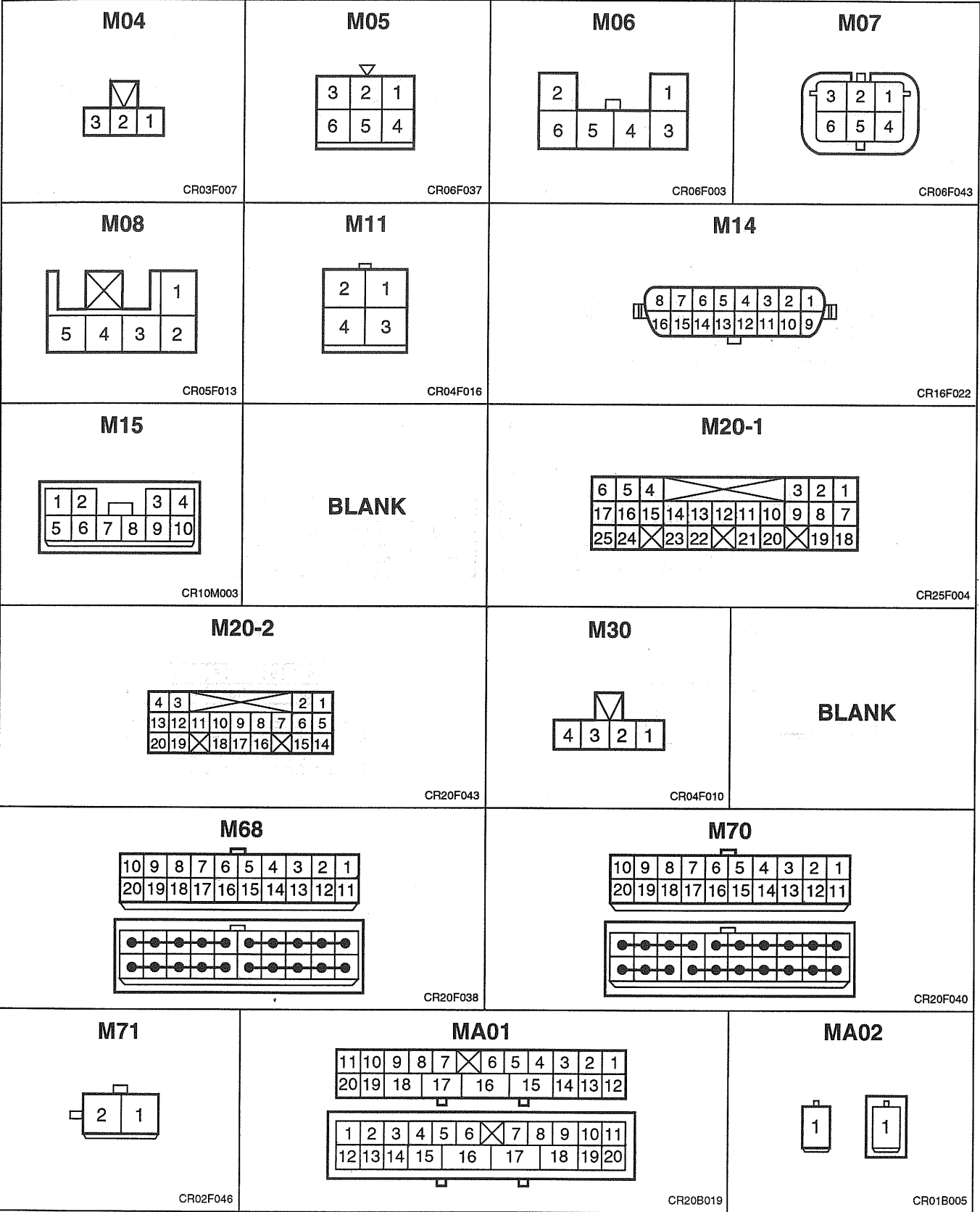
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G14

E3MBA01T

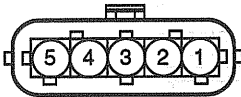
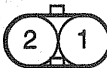
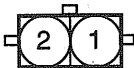
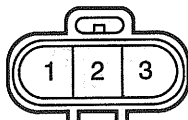
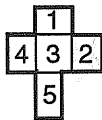
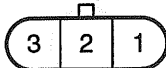
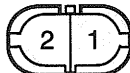
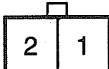
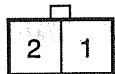
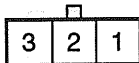
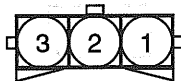
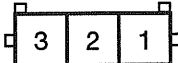
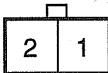
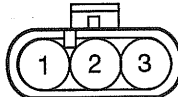
CONNECTOR CONFIGURATION
CONNECTOR CONFIGURATION (1)



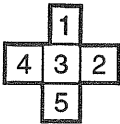
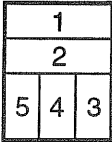
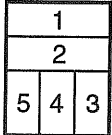
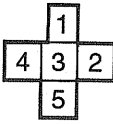
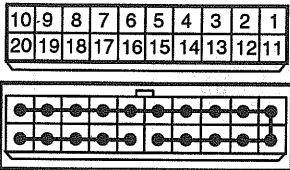
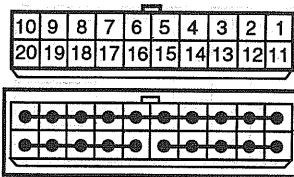
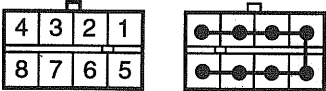
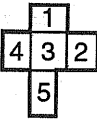
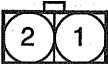
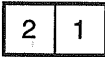
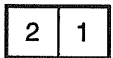
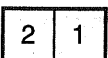
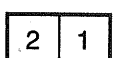
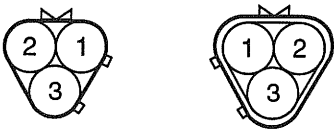
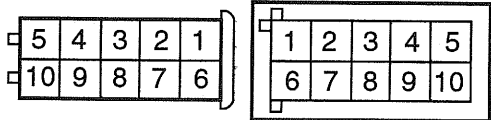
CONNECTOR CONFIGURATION (2)

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MC03 54321 9876 1413121110 12345 6789 1011121314 CR14B016	BLANK BLANK
MI01 1110 2221 3231 9876543 20191817161514 302928 21 1312 2423 12 1213 2324 3456789 14151617181920 252627 1011 2122 3132 CR32B002	
MI02 43 1098765 12 5678910 CR10B006	MI03 109876 222120191817161514131211 54321 12345 111213141516171819202122 678910 CR22B007

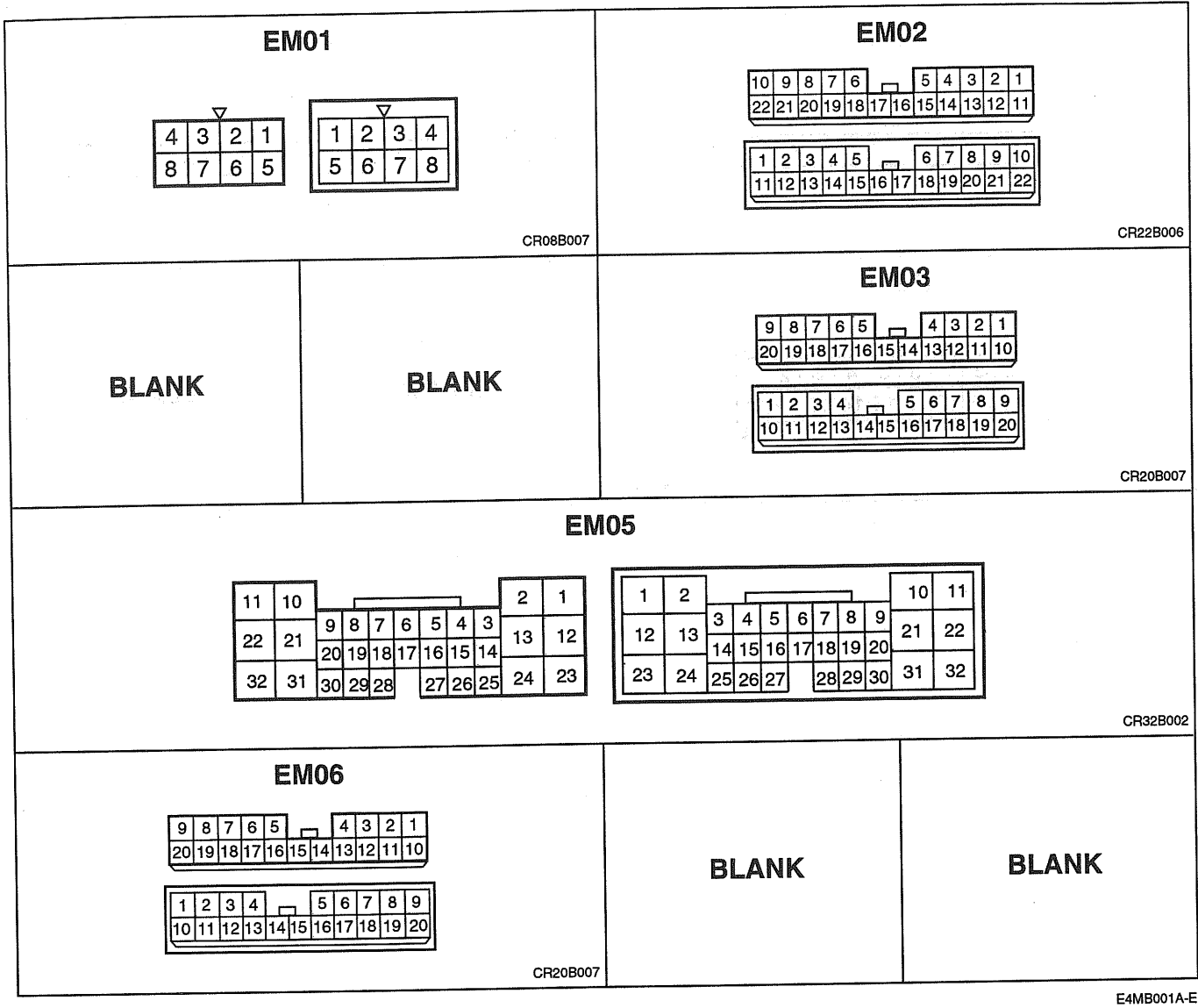
CONNECTOR CONFIGURATION (3)

E03-1 <table><tr><td>1</td><td>5</td><td>9</td><td>13</td><td>17</td><td>21</td><td>25</td><td>29</td></tr><tr><td>2</td><td>6</td><td>10</td><td>14</td><td>18</td><td>22</td><td>26</td><td>30</td></tr><tr><td>3</td><td>7</td><td>11</td><td>15</td><td>19</td><td>23</td><td>27</td><td>31</td></tr><tr><td>4</td><td>8</td><td>12</td><td>16</td><td>20</td><td>24</td><td>28</td><td>32</td></tr></table> CR32F002								1	5	9	13	17	21	25	29	2	6	10	14	18	22	26	30	3	7	11	15	19	23	27	31	4	8	12	16	20	24	28	32	E03-2 <table><tr><td>33</td><td>37</td><td>41</td><td>45</td><td>49</td><td>53</td><td>57</td><td>61</td><td>65</td><td>69</td><td>73</td><td>77</td></tr><tr><td>34</td><td>38</td><td>42</td><td>46</td><td>50</td><td>54</td><td>58</td><td>62</td><td>66</td><td>70</td><td>74</td><td>78</td></tr><tr><td>35</td><td>39</td><td>43</td><td>47</td><td>51</td><td>55</td><td>59</td><td>63</td><td>67</td><td>71</td><td>75</td><td>79</td></tr><tr><td>36</td><td>40</td><td>44</td><td>48</td><td>52</td><td>56</td><td>60</td><td>64</td><td>68</td><td>72</td><td>76</td><td>80</td></tr></table> CR48F001								33	37	41	45	49	53	57	61	65	69	73	77	34	38	42	46	50	54	58	62	66	70	74	78	35	39	43	47	51	55	59	63	67	71	75	79	36	40	44	48	52	56	60	64	68	72	76	80
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E34  CR02F009		E43  CR03M015		E52  CR05F007		E55  CR01F037																																																																																									
E70  CR01M005		E75  CR03F045		E76  CR02F034		E85  CR02F076																																																																																									
E86  CR02F076		E88  CR03F040		E89  CR03F029		E90  CR03F098																																																																																									
E91  CR01F002		E92  CR01F002		E95  CR02F076		E96  CR03M017																																																																																									

CONNECTOR CONFIGURATION (4)

E113  CR05F012	E114  CR05F005	E121  CR05F005	E124  CR05F012
E130  CR20F041		E131  CR20F039	
E132  CR08F045		E139  CR05F007	E150  CR01F002
E154  CR01F002	E155  CR02F002	E156  CR01F038	E157-1  CR02F028
E157-2  CR02F028	E157-3  CR02F028	E157-4  CR02F028	BLANK
EE02  CR03B007		EE07  CR10B013	

CONNECTOR CONFIGURATION (5)



CONNECTOR CONFIGURATION (6)

I03-1 <table><tr><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td></tr></table> CR14F007	14	13	12	11	10	9	8	7	6	5	4	3	2	1	I03-2 <table><tr><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td></tr></table> CR14F007	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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14	13	12	11	10	9	8	7	6	5	4	3	2	1																
I03-3 <table><tr><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td></tr><tr><td>20</td><td>19</td><td>18</td><td>17</td><td>16</td><td>15</td><td>14</td><td>13</td><td>12</td><td>11</td></tr></table> CR20F020	10	9	8	7	6	5	4	3	2	1	20	19	18	17	16	15	14	13	12	11	BLANK	BLANK							
10	9	8	7	6	5	4	3	2	1																				
20	19	18	17	16	15	14	13	12	11																				