

# MITSUBISHI L300

## ELECTRICAL WIRING SUPPLEMENT

### FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHWE 8907 and contains only additions and changes to the original issue.

It is recommended that all service mechanics engaged in the servicing of the vehicle refer to the following publications as well as this manual.

#### WORKSHOP MANUAL

ENGINE GROUP      PWEE□□□□  
(Looseleaf edition)

CHASSIS GROUP      PWWE 8608  
(Looseleaf edition)

PARTS CATALOGUE      B6031800AA

All information, illustrations and product descriptions contained in this manual are current as of time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.

## GROUP INDEX

OUTLINE OF CHANGES .....

WIRING HARNESS  
CONFIGURATION DIAGRAMS .....

SINGLE PART INSTALLATION  
POSITION .....

CIRCUIT DIAGRAM .....

2

3

4



# HOW TO USE THIS MANUAL

## **CONTENTS**

The preceding page contains GROUP INDEX which lists the group title and group number.

## **PAGE NUMBERS**

All page numbers consist of two sets of digits separated by a dash. The digits preceding the dash identify the number of the group. The digits following the dash represent the consecutive page number within the group. The page numbers can be found on the top left or right of each page.

## **OPERATION AND TROUBLESHOOTING HINTS**

In the GROUP 4 circuit diagrams, the operation and troubleshooting hints are given on the previous page or following page for each circuit where necessary.

## OUTLINE OF CHANGES

WIRING HARNESS CONFIGURATION DIAGRAMS .....	2
SINGLE PART INSTALLATION POSITION .....	3
CIRCUIT DIAGRAM .....	4

## WIRING HARNESS CONFIGURATION DIAGRAMS

Wiring harness configuration diagram					Description of changes
Connector symbol	No.	Name		Reference page	
A	2-1	INSTRUMENT PANEL	L.H. drive vehicles	2-2	<ul style="list-style-type: none"> <li>The earth point <b>19</b> for the air conditioner has been added.</li> <li>The connectors (A-40, A-42) that couple the front wiring harness and the front floor wiring harness have been combined into connector (A-40).</li> </ul>
	2-2		R.H. drive vehicles	2-6	<ul style="list-style-type: none"> <li>In conjunction with the adoption of the engine oil level warning system, an oil level relay connector has been added.</li> <li>A jumper connector for the radio has been added.</li> <li>Fuse connector was added to prevent battery drain during vehicle transport.</li> </ul>
B	3-1	ENGINE ROOM · UNDER FLOOR	Petrol-powered vehicles <L.H. drive 2WD vehicles with carburetor – 5 door models>	2-8	<ul style="list-style-type: none"> <li>The connectors (B-18, B-19, B-20, B-21, B-22) that couple the front wiring harness and the roof wiring harness have been combined into connectors (B-18 and B-19).</li> <li>The earth point <b>17</b> for the air conditioner has been added.</li> <li>In conjunction with the adoption of the engine oil level warning system, the connector that couples the front wiring harness and the engine wiring harness has been added together with the engine oil level sensor connector.</li> </ul>
	3-3		Petrol-powered vehicles <R.H. drive 2WD vehicles with carburetor>	2-12	
	3-4		Petrol-powered vehicles <4WD vehicles with carburetor>	2-14	
	3-5		Petrol-powered vehicles <4WD vehicles with MPI>	2-16	



Wiring harness configuration diagram					Description of changes
Connector symbol	No.	Name		Reference page	
<b>B</b>	3-6	ENGINE ROOM · UNDER FLOOR	Diesel-powered vehicles <2WD>	2-20	<ul style="list-style-type: none"> <li>The connectors (B-18, B-19, B-20, B-21, B-22) that couple the front wiring harness and the roof wiring harness have been combined into connectors (B-18 and B-19).</li> <li>The earth point <b>18</b> for the air conditioner has been added.</li> <li>In conjunction with the adoption of the engine oil level warning system, the connector that couples the front wiring harness and the engine wiring harness has been added together with the engine oil level sensor connector.</li> <li>The mounting direction for the (-) terminal of battery cable has been changed in vehicles with two batteries.</li> </ul>
	3-7		Diesel-powered vehicles <4WD>	2-24	
	3-8		Petrol-powered vehicles <2WD vehicles with MPI>	2-26	
<b>C</b>	4-3	ROOF · TAIL-GATE · REAR SIDE	4-door models (with crystal light roof)	2-30	<ul style="list-style-type: none"> <li>In conjunction with the abolition of the high mounted stop lamp, the connectors (C-34, C-43) are unused, and the connector (C-25) of the tail gate wiring harness side has been abolished.</li> </ul>

## SINGLE PART INSTALLATION POSITION

Location of change	Vehicle type	Reference page	Description of change
Relay	Vehicles with two bulb united type headlamp	3-2	<ul style="list-style-type: none"> <li>In conjunction with the adoption of the two-bulb united type headlamps, a headlamp relay has been added to make the type 2 side headlamp illuminate when in upper beam.</li> </ul>
	All models	3-2	<ul style="list-style-type: none"> <li>In conjunction with the adoption of the engine oil level warning system, an engine oil level relay has been added.</li> </ul>
Sensor	All models	3-2	<ul style="list-style-type: none"> <li>In conjunction with the adoption of the engine oil level warning system, an engine oil level sensor has been added.</li> </ul>
Centralized earth point	Vehicles with air conditioner	3-3	<ul style="list-style-type: none"> <li>An earth point for the air conditioner has been added.</li> </ul>

### Remark

Illustrations of individual components are provided herein only in instances in which the installation location is different than that of former models, or even though the installation location is the same, there is a change of the destination and/or specifications; use this publication, therefore, in combination with the Basic Manual (Pub. No PHWE 8907).

## CIRCUIT DIAGRAM

Circuit diagrams				Description of changes
Main title	No.	Subtitle	Ref. page	
1. STARTING CIRCUIT	1-2	Diesel-powered vehicles	4-3	<ul style="list-style-type: none"> <li>The diameter of the earth wiring in L.H. drive vehicles has been changed.</li> </ul>
2. IGNITION CIRCUIT	2-2	Vehicles with MPI	4-4	<ul style="list-style-type: none"> <li>The colouring of the wiring between the MPI control unit and the distributor has been changed.</li> </ul>
3. CHARGING CIRCUIT	3	–	4-5	<ul style="list-style-type: none"> <li>A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>The colouring and diameter of the wiring between the combination meter and the alternator relay or auto choke relay has been standardized to "RG".</li> </ul>
4. GLOW CIRCUIT	4-1	Auto glow type	4-6	<ul style="list-style-type: none"> <li>The colouring of the wiring between the dedicated fusible link and the glow relay has been changed.</li> <li>The colouring of the wiring between the glow control unit and the combination meter has been changed.</li> <li>The diameter of the earth wiring in L.H. drive vehicles has been changed.</li> </ul>
	4-2	Super quick glow type	4-8	<ul style="list-style-type: none"> <li>The colouring of the wiring between the glow control unit and the combination meter has been changed.</li> <li>The diameter of the earth wiring in L.H. drive vehicles has been changed.</li> </ul>
5. CARBURETOR CONTROL CIRCUIT	5-1	Vehicles without cold mixture heater	4-11	<ul style="list-style-type: none"> <li>The diameter of the earth wiring in L.H. drive vehicles has been changed.</li> </ul>
6. FBC CIRCUIT	6	–	4-12	<ul style="list-style-type: none"> <li>The colouring of the wiring between the tachometer filter and the ignition coil has been changed.</li> <li>The diameter of the earth circuit wiring has been changed.</li> </ul>
7. MPI CIRCUIT	7	–	4-14	<ul style="list-style-type: none"> <li>A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>Fuse connector (A-122) was added to prevent battery drain during vehicle transport.</li> <li>The connector (B-63) that couples the front wiring harness and the fuel gauge wiring harness has been changed.</li> <li>The colouring of the wiring between the MPI control relay and the injector has been changed.</li> <li>The colouring of the wiring between the MPI control realy and the dedicated fusible link has been changed.</li> <li>The colouring of the wiring between the MPI control unit and the distributor has been changed.</li> </ul>

Circuit diagrams				Description of changes
Main title	No.	Subtitle	Ref. page	
8. HEADLAMP CIRCUIT	8-1	Vehicles without two bulb united type headlamp	4-16	<ul style="list-style-type: none"> <li>The diameter of the wiring between the headlamp and the multi-purpose fuse has been changed.</li> <li>The colouring of the wiring between the fusible link and the headlamp relay has been standardized to "3-WR".</li> </ul>
	8-2	Vehicles with two bulb united type headlamp	4-18	
9. DAYTIME RUNNING LAMP CIRCUIT	9-1	Vehicles without two bulb united type headlamp	4-20	<ul style="list-style-type: none"> <li>The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> <li>The diameter of the wiring between the headlamp and the multi-purpose fuse has been changed.</li> <li>The diameter of the wiring between the multi-purpose fuse and the position lamp, licence plate lamp and tail lamp has been changed.</li> <li>The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-18).</li> </ul>
	9-2	Vehicles with two bulb united type headlamp	4-22	
10. DIM-DIP LAMP CIRCUIT	10	–	4-24	<ul style="list-style-type: none"> <li>The diameter of the wiring between the multi-purpose fuse and the licence plate lamp and tail lamp has been changed.</li> <li>The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-18).</li> </ul>
11. HEADLAMP LEVELING CIRCUIT	11	–	4-26	<ul style="list-style-type: none"> <li>The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> <li>A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>The connector that couples the instrument panel wiring harness and the front wiring harness has been changed to connector (A-46.)</li> <li>The connector (A-49) that couples the instrument panel wiring harness and the front wiring harness has been standardized to a 6-pin connector.</li> </ul>
12. TAIL LAMP, POSITION LAMP AND LICENCE PLATE CIRCUIT	12-1	Vehicles without daytime running lamp	4-29	<ul style="list-style-type: none"> <li>A circuit for the vehicles with two-bulb united type headlamps has been added.</li> <li>The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> <li>The diameter of the wiring between the multi-purpose fuse and the licence plate lamp and tail lamp has been changed.</li> <li>The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-18).</li> </ul>
	12-2	Vehicles with daytime running lamp	4-30	

Circuit diagrams				Description of changes
Main title	No.	Subtitle	Ref. page	
13. REAR FOG LAMP CIRCUIT	13-1	Vehicles without daytime running lamp	4-32	<ul style="list-style-type: none"> <li>• A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>• The colouring of the wiring between the fusible link and the headlamp relay has been standardized to "3-WR".</li> <li>• The connector (B-18) that couples the front wiring harness and the roof wiring harness has been changed.</li> <li>• The connector that couples the front wiring harness and the instrument panel wiring harness has been changed to connector (A-46, A-48).</li> </ul>
	13-2	Vehicles with daytime running lamp	4-34	
14. ROOM LAMP CIRCUIT	14-1	Vehicles without crystal-light roof	4-36	<ul style="list-style-type: none"> <li>• A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>• The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> <li>• Fuse connector (A-122) was added to prevent battery drain during vehicle transport.</li> <li>• The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-18, B-19).</li> <li>• The connectors (A-11, A-27) that couple the front wiring harness and the door wiring harness have been changed.</li> <li>• The colouring of the wiring between connectors no. A-11 and A-27 and the door lamp has been changed.</li> </ul>
	14-2	Vehicles with crystal-light roof	4-38	
15. ILLUMINATION LAMP	15	–	4-40	<ul style="list-style-type: none"> <li>• A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>• The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> <li>• The connector that couples the instrument panel wiring harness and the front wiring harness has been changed to connector (A-46). (The circuit that previously used connector A-47 has been combined with A-46.)</li> <li>• The shape of connector that couples the front wiring harness and the front floor wiring harness has been changed and the connector number has been changed to A-40.</li> </ul>
16. TURN-SIGNAL LAMP AND HAZARD LAMP CIRCUIT	16	–	4-42	<ul style="list-style-type: none"> <li>• A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>• The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> <li>• The connector (B-63) that couples the front wiring harness and the fuel gauge wiring harness has been changed.</li> <li>• The connector (A-46) that couples the instrument panel wiring harness and the front wiring harness has been changed. (The circuit that previously used connectors A-48 and A-49 has been combined with A-46.)</li> <li>• The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-18).</li> <li>• A circuit for the vehicles with two-bulb united type headlamps has been added.</li> </ul>

Circuit diagrams				Description of changes
Main title	No.	Subtitle	Ref. page	
17.STOP LAMP CIRCUIT	17	–	4-44	<ul style="list-style-type: none"> <li>• A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>• The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> <li>• The diameter of the wiring between the multi-purpose fuse and the rear combination lamp has been changed.</li> <li>• The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-18).</li> <li>• In conjunction with the abolition of the high mounted stop lamp, the lamp circuit has been abolished.</li> </ul>
18.BACK-UP LAMP CIRCUIT	18	–	4-45	<ul style="list-style-type: none"> <li>• The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-18).</li> <li>• The connector (B-63) that couples the front wiring harness and the fuel gauge wiring harness has been changed.</li> <li>• The diameter of the wiring between connector no. B-18 and the rear combination lamp has been changed.</li> </ul>
19.HORN CIRCUIT	19	–	4-46	<ul style="list-style-type: none"> <li>• The diameter of the wirings between the multi-purpose fuse and the horn, and the horn switch and the horn, has been changed.</li> </ul>
20.METER AND GAUGE CIRCUIT	20-1	Petrol-powered vehicles with carburetor	4-47	<ul style="list-style-type: none"> <li>• The colouring of the wiring between the tachometer filter and the ignition coil has been changed. (Vehicles with carburetor)</li> <li>• The connector (B-63) that couples the front wiring harness and the fuel gauge wiring harness has been changed.</li> <li>• The diameter of the earth wiring in L.H. drive vehicles has been changed.</li> <li>• The combination meter connector in the overheat warning lamp circuit has been changed from A-14 to A-16. (Diesel-powered vehicles)</li> </ul>
	20-2	Petrol-powered vehicles with MPI	4-48	
	20-3	Diesel-powered vehicles	4-49	
	20-4	Engine oil level warning	4-50	
21.POWER WINDOW CIRCUIT	21	–	4-52	<ul style="list-style-type: none"> <li>• The connector (A-40) that couples the front wiring harness and the front floor wiring harness has been changed.</li> <li>• The connectors (A-11, A-27) that couple the front wiring harness and the door wiring harness have been changed.</li> <li>• The diameter of the wiring between the power window relay and the multi-purpose fuse has been changed.</li> <li>• The diameter of the wirings between the A-11 connector and A-40 connector, A-27 connector and A-40 connector, and A-40 connector and the earth point, has been changed.</li> </ul>

Circuit diagrams				Description of changes
Main title	No.	Subtitle	Ref. page	
22.CENTRAL LOCKING SYSTEM CIRCUIT	22-1	Rear door and tailgate	4-55	<ul style="list-style-type: none"> <li>• The connector (A-48) that couples the front wiring harness and the instrument panel wiring harness has been changed.</li> <li>• The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-19).</li> <li>• The colouring of the wiring between the front wiring harness and the contact switch has been changed.</li> <li>• *The connectors (A-11, A-27) that couple the front wiring harness and the door wiring harness have been changed.</li> <li>• *The colouring and diameter of the wiring between the door lock control unit and the door lock power relay have been changed.</li> <li>• *The colouring of the wiring between the front door lock actuator and connector nos. A-11 and A-27 has been changed.</li> <li>• *The power supply circuit of the door lock control unit has been changed from fuse no. (1) to fuse no. (9).</li> </ul> <p>Remark Headings with the * mark are only applicable to circuit no. 22-2 "All doors and tailgate".</p>
	22-2	All doors and tailgate	4-56	
23.HEATER CIRCUIT	23-1	5 door models	4-58	<ul style="list-style-type: none"> <li>• The colouring of the wiring between the rear heater relay and the multi-purpose fuse has been changed.</li> <li>• The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WL".</li> <li>• The connectors (A-46, A-47, A-48) that couple the front wiring harness and the instrument panel wiring harness have been changed.</li> <li>• *The colouring of the wirings between connector nos. A-48 and B-64, and between connector no. A-48 and the rear heater relay has been changed.</li> </ul> <p>Remark Headings with the * mark are only applicable to circuit no. 23-1 "5-door models".</p>
	23-2	4 door models	4-60	
24.AIR CONDITIONER CIRCUIT	24-1	Front type (Petrol-powered vehicles)	4-62	<ul style="list-style-type: none"> <li>• The connectors (A-46, A-47) that couple the front wiring harness and the instrument panel wiring harness have been changed.</li> <li>• The colouring of the wiring between connector no. A-78 and the earth point has been changed.</li> <li>• An earth point for the air conditioner has been added.</li> </ul>
	24-2	Front type (Diesel-powered vehicles)	4-64	
	24-3	Front type (Petrol-powered vehicles with large compressor)	4-66	
	24-4	Front and overhead type (Petrol-powered vehicles)	4-68	
	24-5	Front and overhead type (Diesel-powered vehicles)	4-71	



Circuit diagrams				Description of changes
Main title	No.	Subtitle	Ref. page	
25.DEFOGGER CIRCUIT	25	–	4-74	<ul style="list-style-type: none"> <li>• The connector that couples the front wiring harness and the instrument panel wiring harness has been changed to connector (A-46).</li> <li>• The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-18).</li> <li>• The colouring of the wiring between the multi-purpose fuse and the defogger relay has been changed.</li> </ul>
26.WIPER AND WASHER CIRCUIT	26-2	Vehicles with rear wiper	4-75	<ul style="list-style-type: none"> <li>• The connector that couples the front wiring harness and the instrument panel wiring harness has been changed to connector (A-46, A-48).</li> <li>• The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-19).</li> <li>• The colouring of the wirings between connector no. B-19 and the multi-purpose fuse, between connector nos. B-19 and A-48, and between connector no. A-48 and the rear wiper switch and rear intermittent wiper switch has been changed.</li> </ul>
27.HEADLAMP WASHER CIRCUIT	27	–	4-77	<ul style="list-style-type: none"> <li>• A circuit for the vehicles with two-bulb united type headlamps has been added.</li> <li>• The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> </ul>
28.AUDIO CIRCUIT	28-1	5 door models	4-78	<ul style="list-style-type: none"> <li>• A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>• Fuse connector (A-122) was added to prevent battery drain during vehicle transport.</li> <li>• The jumper connector (A-119) has been added.</li> <li>• The connector that couples the front wiring harness and the instrument panel wiring harness has been changed to connector (A-46, A-48).</li> <li>• The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-19).</li> </ul>
	28-2	4 door models	4-79	
29.CIGARETTE LIGHTER AND CLOCK CIRCUIT	29	–	4-80	<ul style="list-style-type: none"> <li>• A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> <li>• Fuse connector (A-122) was added to prevent battery drain during vehicle transport.</li> <li>• The connector (A-46) that couples the front wiring harness and the instrument panel wiring harness has been changed.</li> <li>• The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> </ul>
30.SUNROOF CIRCUIT	30	–	4-81	<ul style="list-style-type: none"> <li>• The connector (B-19) that couples the front wiring harness and the roof wiring harness has been changed.</li> </ul>

Circuit diagrams				Description of changes
Main title	No.	Subtitle	Ref. page	
31.MOTOR-DRIVEN ROOF BLIND CIRCUIT	31	–	4-82	<ul style="list-style-type: none"> <li>The connector that couples the front wiring harness and the roof wiring harness has been changed to connector (B-19).</li> </ul>
32.AUTO-CRUISE CONTROL CIRCUIT	32	–	4-84	<ul style="list-style-type: none"> <li>The capacity of the fusible link has been changed.</li> <li>The colouring of the wiring between the fusible link and the multi-purpose fuse has been standardized to "3-WR".</li> <li>The diameter of the earth circuit wiring has been changed.</li> </ul>
33.HEATED SEAT CIRCUIT	33	–	4-86	<ul style="list-style-type: none"> <li>The connector that couples the front wiring harness and the front floor wiring harness has been changed to connector (A-40).</li> </ul>
34.REMOTE CONTROLLED MIRROR CIRCUIT	34	–	4-88	<ul style="list-style-type: none"> <li>The connectors (A-10, A-28) that couple the front wiring harness and the door wiring harness have been changed.</li> <li>The colouring of the wirings between connector no. A-10 and A-28 and the remote controlled mirror motor has been changed.</li> </ul>
35.CENTRALIZED JUNCTION	35	Sub fusible link	4-89	<ul style="list-style-type: none"> <li>A new fusible link for vehicles with two-bulb united type headlamps has been added.</li> </ul>
		Centralized relay	4-89	<ul style="list-style-type: none"> <li>The colouring of the wiring of the rear heater relay and the defogger relay has been changed.</li> </ul>



## 2 WIRING HARNESS CONFIGURATION DIAGRAMS

### 2 INSTRUMENT PANEL

2-1	L.H. drive vehicles .....	2- 2
2-2	R.H. drive vehicles .....	2- 6

### 3 ENGINE ROOM • UNDER FLOOR

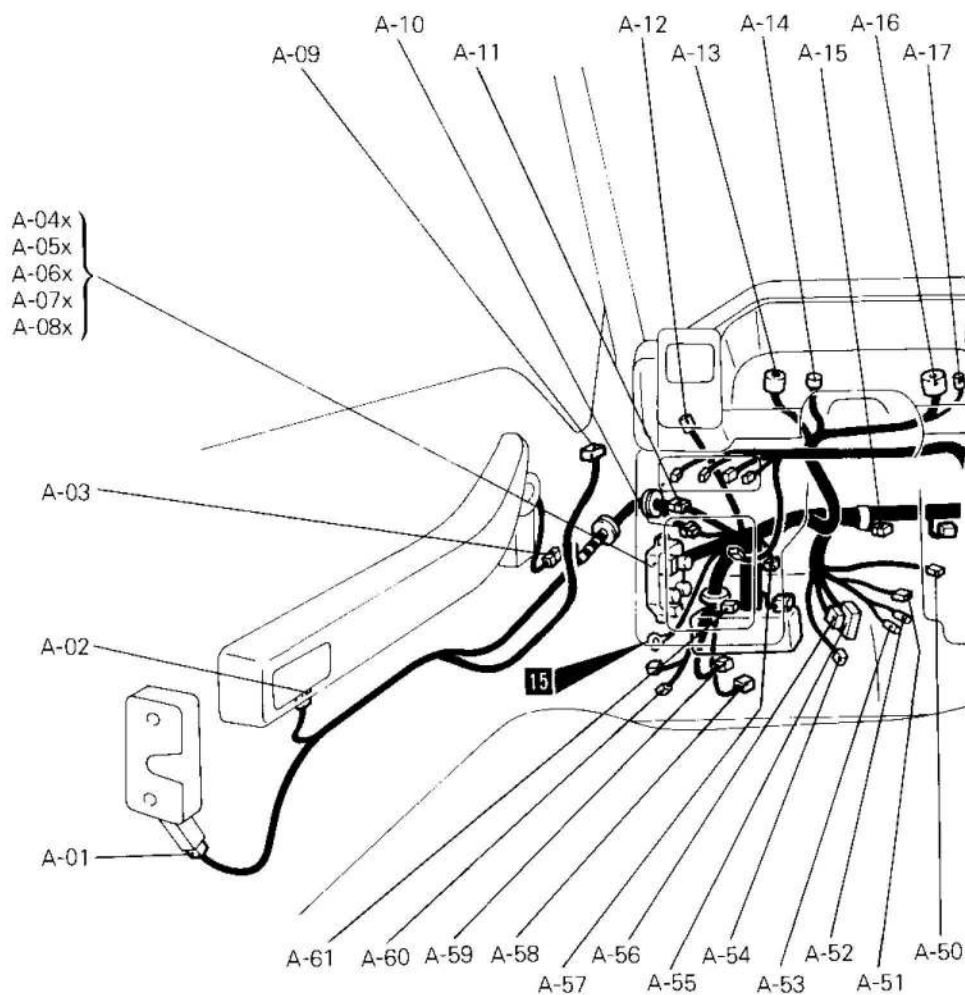
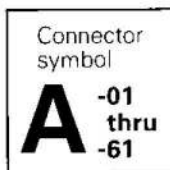
3-1	Petrol-powered vehicles <L.H. drive 2WD vehicles with carburetor – 5 door models> .....	2- 8
3-3	Petrol-powered vehicles <R.H. drive 2WD vehicles with carburetor> .....	2-12
3-4	Petrol-powered vehicles <4WD vehicles with carburetor> .....	2-14
3-5	Petrol-powered vehicles <4WD vehicles with MPI> .....	2-16
3-6	Diesel-powered vehicles <2WD> .....	2-20
3-7	Diesel-powered vehicles <4WD> .....	2-24
3-8	Petrol-powered vehicles <2WD vehicles with MPI> .....	2-26

### 4 ROOF • TAILGATE • REAR SIDE

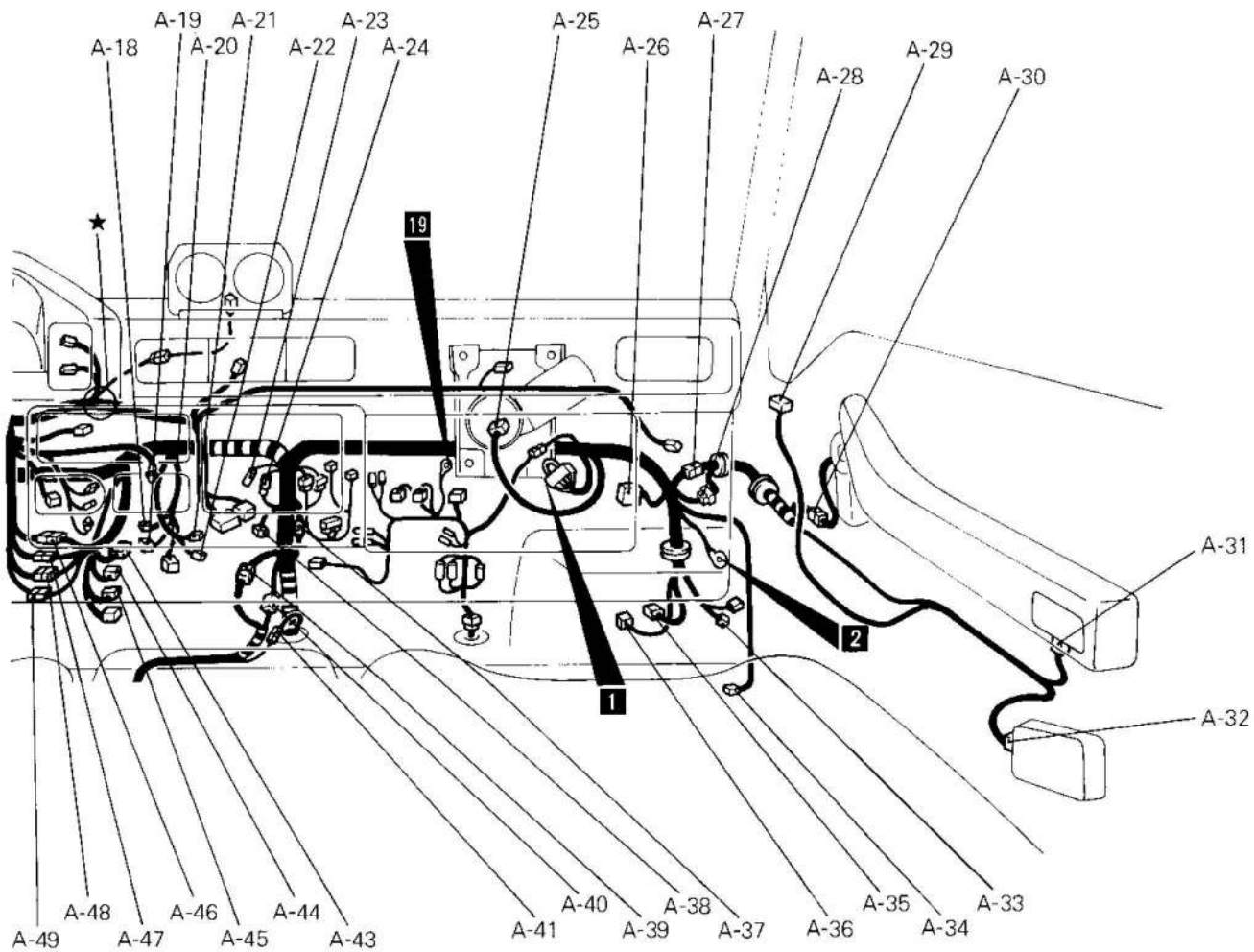
4-3	4-door models (with crystal-light roof) .....	2-30
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## 2 INSTRUMENT PANEL

### 2-1 L.H. drive vehicles



- |       |                                                                    |      |                                                                    |
|-------|--------------------------------------------------------------------|------|--------------------------------------------------------------------|
| A-01  | Front door lock actuator (L.H.)                                    | A-21 | Front heater blower resistor                                       |
| A-02  | Front door lamp (L.H.)                                             | A-22 | Front heater blower motor                                          |
| A-03  | Power window motor (L.H.)                                          | A-23 | No connection                                                      |
| A-04x | Rear fog lamp relay                                                | A-24 | Jumper connector                                                   |
| A-05x | Rear heater relay                                                  | A-25 | Front wiper motor                                                  |
| A-06x | Headlamp relay                                                     | A-26 | M.P.I. control relay                                               |
| A-07x | Defogger relay                                                     | A-27 | Front wiring harness and door wiring harness<br>(R.H.) combination |
| A-08x | Turn signal and hazard flasher unit                                | A-28 |                                                                    |
| A-09  | Remote controlled mirror motor (L.H.)                              | A-29 | Remote controlled mirror motor (R.H.)                              |
| A-10  | Front wiring harness and door wiring harness<br>(L.H.) combination | A-30 | Power window motor (R.H.)                                          |
| A-11  |                                                                    | A-31 | Front door lamp (R.H.)                                             |
| A-12  | Brake fluid level switch                                           | A-32 | Front door lock actuator (R.H.)                                    |
| A-13  | Combination meter                                                  | A-33 | Front combination lamp (R.H.)                                      |
| A-14  |                                                                    | A-34 | Front washer motor                                                 |
| A-15  | Condenser                                                          | A-35 | Headlamp (R.H.)                                                    |
| A-16  | Combination meter                                                  | A-36 | Headlamp leveling unit (R.H.)                                      |
| A-17  |                                                                    | A-37 | Dedicated fuse (illumination lamp)                                 |
| A-18  | Power window relay                                                 | A-38 | Diode (Door lamp)                                                  |
| A-19  | Alternator relay or auto choke relay                               |      |                                                                    |
| A-20  | Door lock power relay                                              |      |                                                                    |

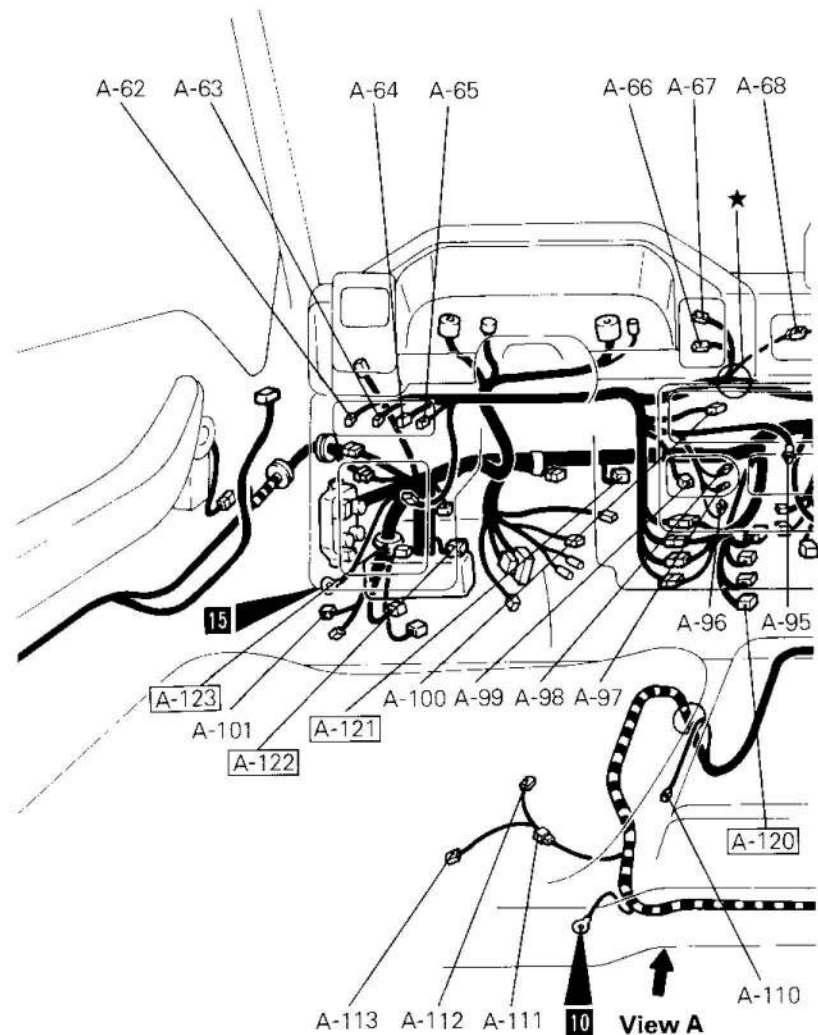
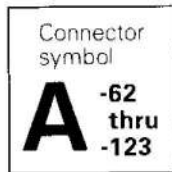


36G0109

- |                                                            |      |                                                      |
|------------------------------------------------------------|------|------------------------------------------------------|
| A-39 } Front wiring harness and front floor wiring harness | A-58 | Headlamp leveling unit (L.H.)                        |
| A-40 } combination                                         | A-59 | Headlamp (L.H.)                                      |
| A-41 } —                                                   | A-60 | Front combination lamp (L.H.)                        |
| A-42 } —                                                   | A-61 | Self-diagnosis check connector                       |
| A-43                                                       |      | Auto-cruise control unit                             |
| A-44                                                       |      | Headlamp washer relay                                |
| A-45                                                       |      | Door lock control unit                               |
| A-46 } Front wiring harness and instrument panel           |      |                                                      |
| A-47 } wiring harness combination                          |      |                                                      |
| A-48 } —                                                   |      |                                                      |
| A-49 } —                                                   |      |                                                      |
| A-50                                                       |      | Vacuum switch (Diesel-powered vehicles)              |
| A-51                                                       |      | Stop lamp switch (Vehicles with auto-cruise control) |
| A-52 } Stop lamp switch                                    |      |                                                      |
| A-53 } —                                                   |      |                                                      |
| A-54                                                       |      | Clutch switch (Vehicles with auto-cruise control)    |
| A-55                                                       |      | Column switch                                        |
| A-56                                                       |      | Ignition switch                                      |
| A-57                                                       |      | Dedicated fuse (Headlamp leveling)                   |

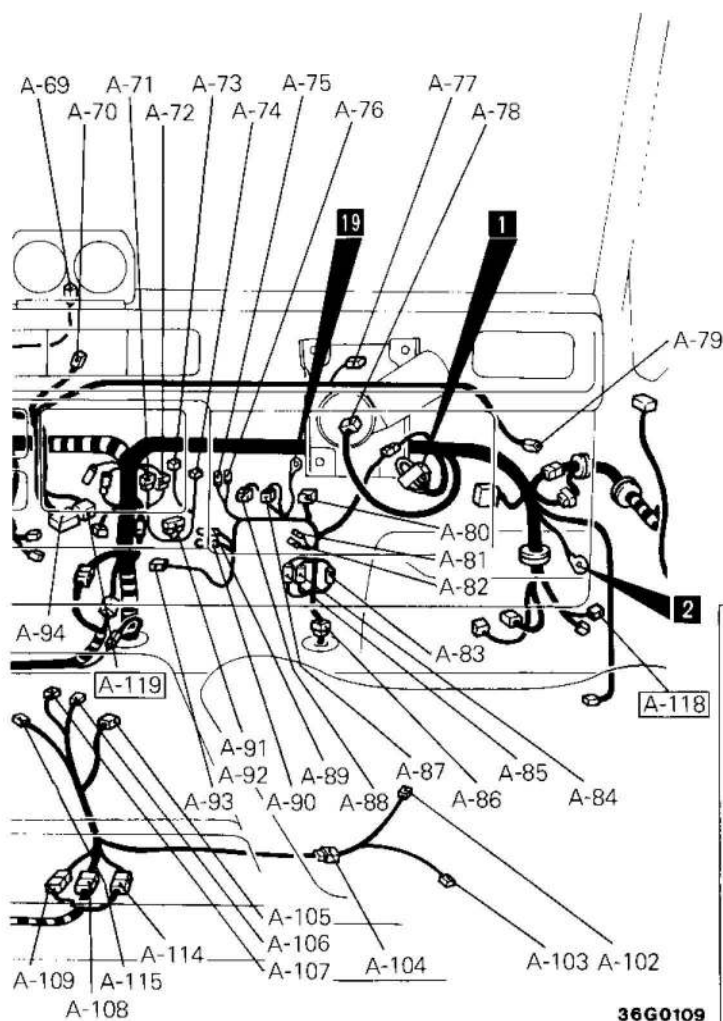
Remark  
The mark ★ shows the standard mounting position of wiring harness.

## 2-1 L.H. drive vehicles

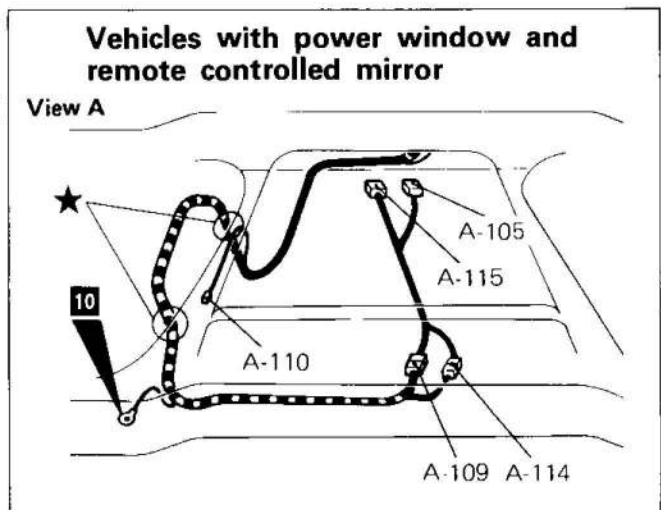


- A-62 Tailgate lock/unlock switch
- A-63 Defogger switch
- A-64 Rear heater blower main switch
- A-65 Rear fog lamp switch
- A-66 Rear wiper and washer switch
- A-67 Hazard warning switch
- A-68 Instrument panel wiring harness and inclinometer wiring harness combination
- A-69 Inclinometer
- A-70 Clock
- A-71 } Front wiring harness and daytime running lamp wiring harness combination
- A-72 }
- A-73 Daytime running lamp relay 2
- A-74 Daytime running lamp relay 1
- A-75 } Fin thermostat (Air conditioner)
- A-76 }
- A-77 Rear intermittent wiper relay
- A-78 Front wiring harness and air conditioner wiring harness combination

- A-79 Front speaker (R.H.)
- A-80 Air conditioner relay C
- A-81 } Capacitor (Side)
- A-82 }
- A-83 } Dedicated fuse (Air conditioner)
- A-84 }
- A-85 }
- A-86 Joint (Air conditioner wiring harness)
- A-87 Air conditioner relay A
- A-88 Air conditioner relay B
- A-89 } Capacitor (Tandem)
- A-90 }
- A-91 Diode 1 (Daytime running lamp)
- A-92 Diode 2 (Daytime running lamp)
- A-93 Air conditioner switch
- A-94 Radio
- A-95 Ashtray illumination lamp
- A-96 Cigarette lighter illumination lamp



36G0109



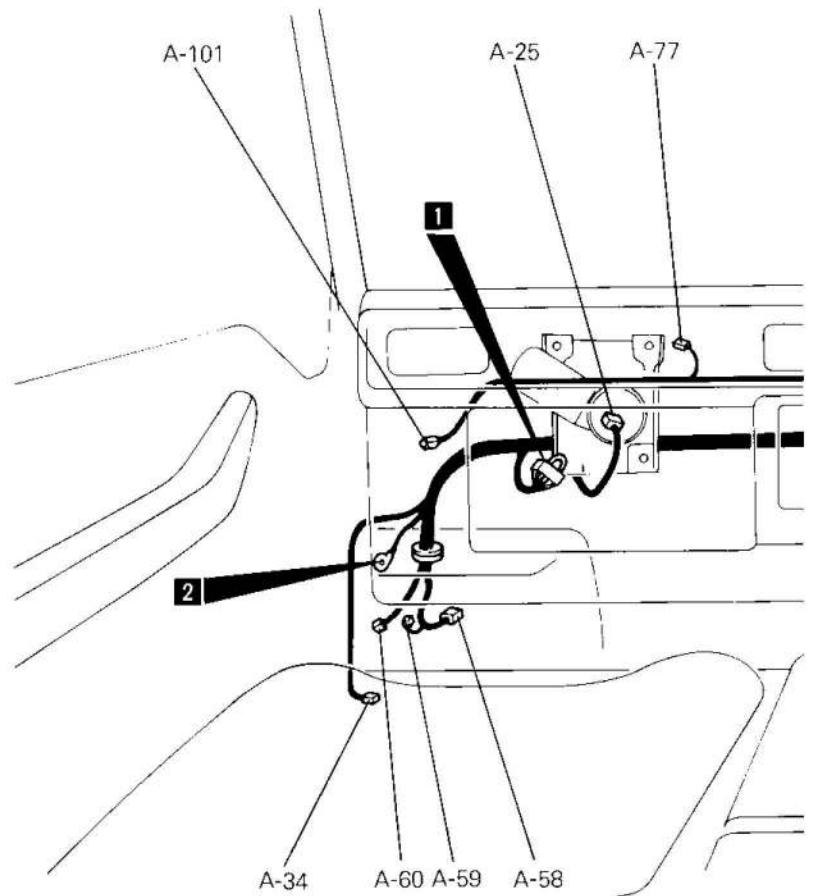
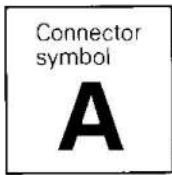
- A-97 } Cigarette lighter
- A-98 } Cigarette lighter
- A-99 Headlamp leveling switch
- A-100 Front heater blower switch
- A-101 Front speaker (L.H.)
- A-102 Seat cushion (R.H.) [Heated seat]
- A-103 Seat back (R.H.) [Heated seat]
- A-104 Heated seat wiring harness and front floor wiring harness combination
- A-105 Remote controlled mirror switch
- A-106 Heated seat switch (R.H.)
- A-107 Heated seat switch (L.H.)
- A-108 } Front floor wiring harness and console wiring
- A-109 } harness combination
- A-110 Parking brake switch
- A-111 Heated seat wiring harness and front floor wiring harness combination
- A-112 Seat cushion (L.H.) [Heated seat]
- A-113 Seat back (L.H.) [Heated seat]

- A-114 Front floor wiring harness and console wiring harness combination
- A-115 Power window switch
- A-116x } —
- A-117x } —
- A-118 Side turn signal lamp (R.H.)
- A-119 Jumper connector
- A-120 Headlamp relay (for upper beam)
- A-121 Oil level relay
- A-122 Fuse connector
- A-123 Side turn signal lamp (L.H.)

Remarks

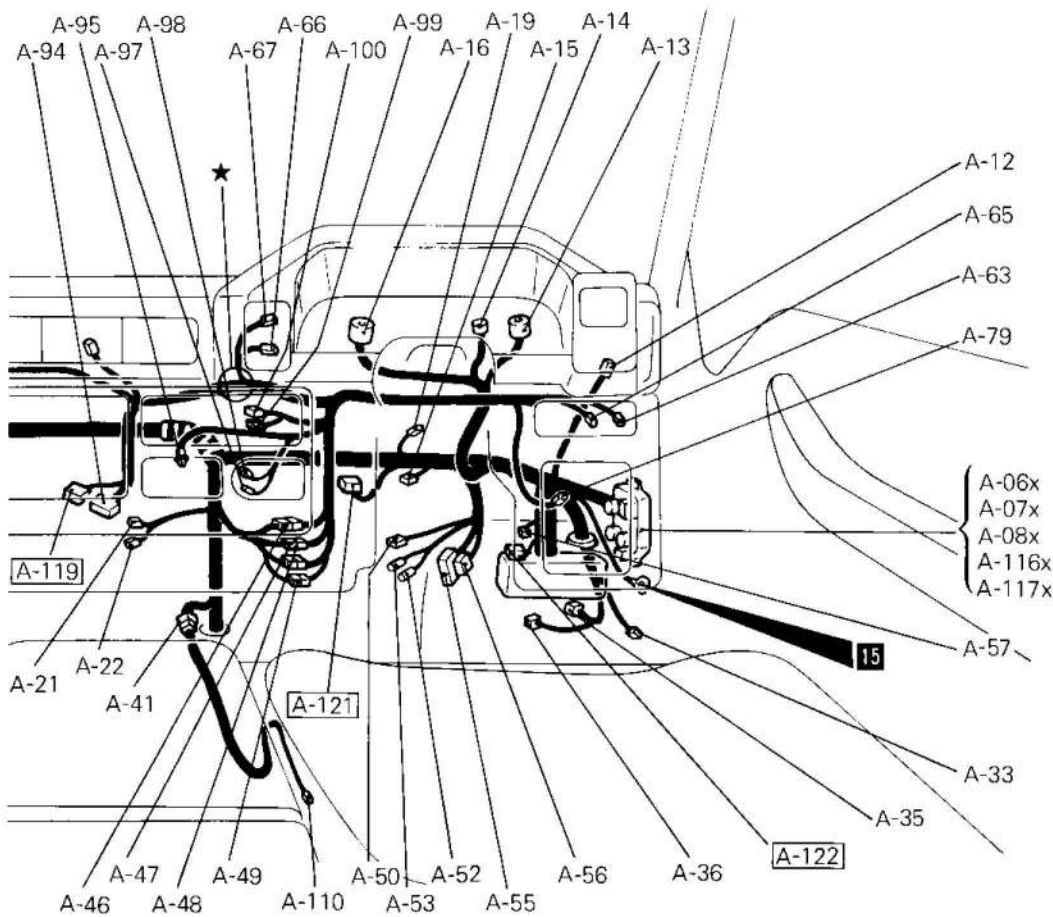
- (1) Connector numbers enclosed by the frame    indicate newly added connectors.
- (2) The mark ★ shows the standard mounting position of wiring harness.

2-2 R.H. drive vehicles



- A-01 } –
- thru } –
- A-05x } –
- A-06x Headlamp relay
- A-07x Defogger relay
- A-08x Turn signal and hazard flasher unit
- A-09 } –
- thru } –
- A-11 } –
- A-12 Brake fluid level switch
- A-13 } Combination meter
- A-14 } –
- A-15 Condenser
- A-16 Combination meter
- A-17 –
- A-18 –
- A-19 Alternator relay
- A-20 –
- A-21 Front heater blower resistor
- A-22 Front heater blower motor
- A-23 –
- A-24 –
- A-25 Front wiper motor
- A-26 } –
- thru } –
- A-32 } –
- A-33 Front combination lamp (R.H.)
- A-34 Front washer motor
- A-35 Headlamp (R.H.)

- A-36 Headlamp leveling unit (R.H.)
- A-37 } –
- thru } –
- A-40 } –
- A-41 Front wiring harness and front floor wiring harness combination
- A-42 } –
- thru } –
- A-45 } –
- A-46 } Front wiring harness and instrument panel wiring harness combination
- A-47 } –
- A-48 } –
- A-49 } –
- A-50 Vacuum switch (Diesel-powered vehicles)
- A-51 –
- A-52 } Stop lamp switch
- A-53 } –
- A-54 } –
- A-55 Column switch
- A-56 Ignition switch
- A-57 Dedicated fuse (Headlamp leveling)
- A-58 Headlamp leveling unit (L.H.)
- A-59 Headlamp (L.H.)
- A-60 Front combination lamp (L.H.)
- A-61 –



36G0110

- |       |                               |        |                      |
|-------|-------------------------------|--------|----------------------|
| A-62  | —                             | A-102  | } —                  |
| A-63  | Defogger switch               | thru   |                      |
| A-64  | —                             | A-109  | } —                  |
| A-65  | Rear fog lamp switch          | A-110  |                      |
| A-66  | Rear wiper and washer switch  | A-111  | } —                  |
| A-67  | Hazard warning switch         | thru   |                      |
| A-68  | } —                           | A-115  | } —                  |
| thru  |                               | A-116x |                      |
| A-76  | —                             | A-117x | Dim-dip lamp relay 1 |
| A-77  | Rear intermittent wiper relay | A-118  | —                    |
| A-78  | —                             | A-119  | Jumper connector     |
| A-79  | Front speaker (R.H.)          | A-120  | —                    |
| A-80  | } —                           | A-121  | Oil level relay      |
| thru  |                               | A-122  | Fuse connector       |
| A-93  | —                             | A-123  | —                    |
| A-94  | Radio                         |        |                      |
| A-95  | Ashtray illumination lamp     |        |                      |
| A-96  | —                             |        |                      |
| A-97  | } Cigarette lighter           |        |                      |
| A-98  |                               |        |                      |
| A-99  | Headlamp leveling switch      |        |                      |
| A-100 | Front heater blower switch    |        |                      |
| A-101 | Front speaker (L.H.)          |        |                      |

Remarks

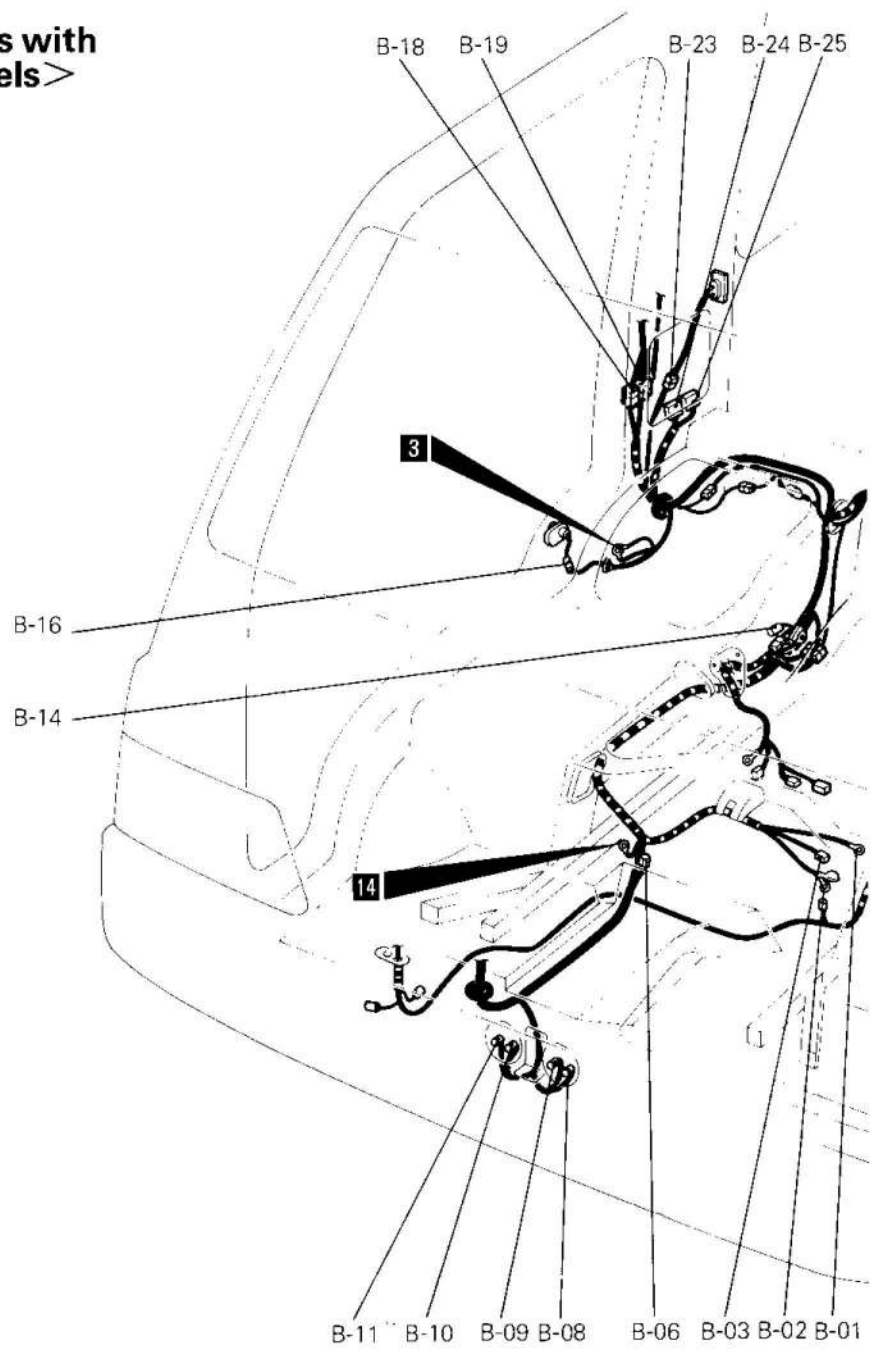
- (1) Connector numbers enclosed by the frame    indicate newly added connectors.
- (2) The mark ★ shows the standard mounting position of wiring harness.
- (3) "—" means that the connector with corresponding code-number is not used.



### 3 ENGINE ROOM · UNDER FLOOR

#### 3-1 Petrol-powered vehicles <L.H. drive 2WD vehicles with carburetor – 5-door models>

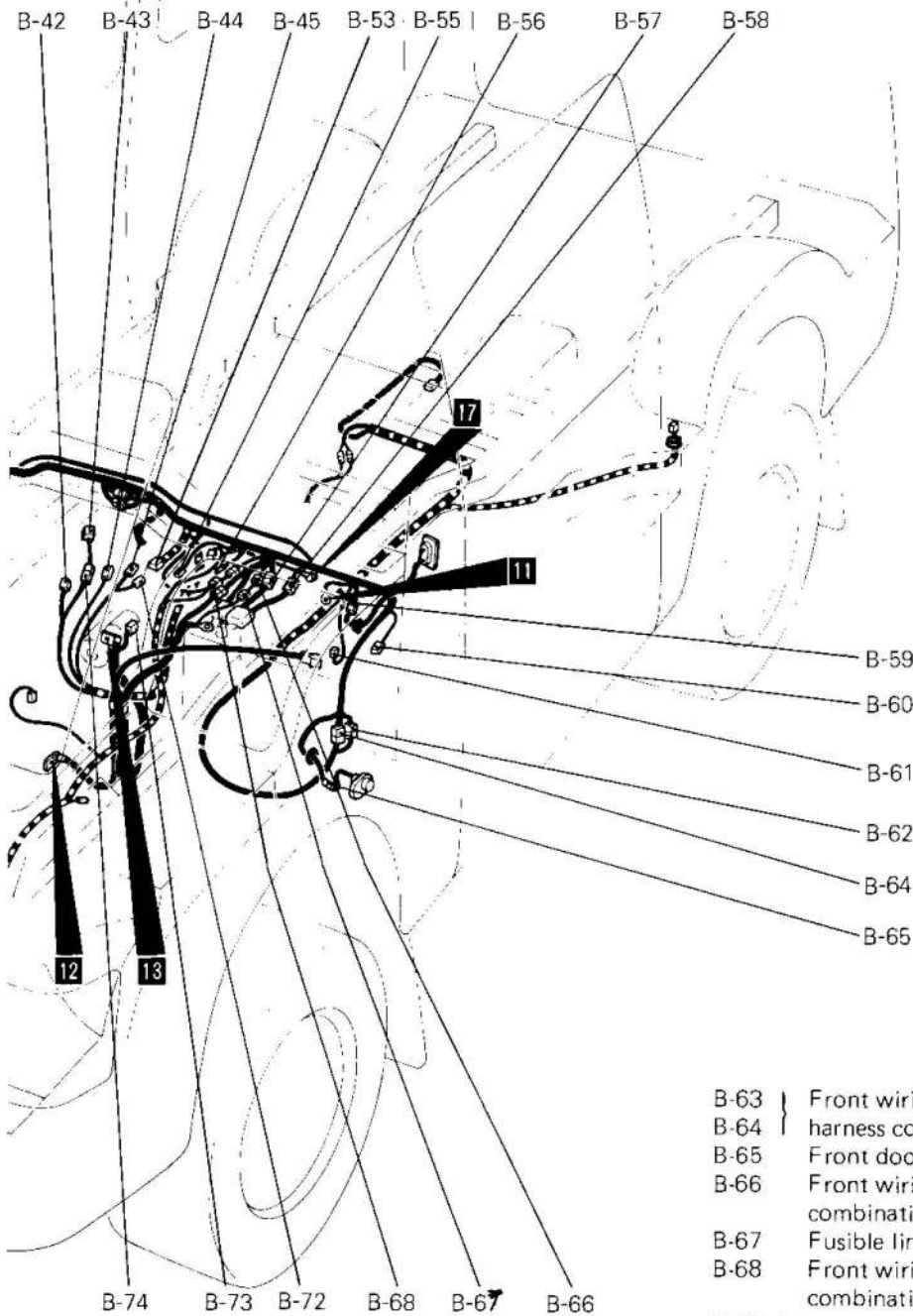
Connector symbol  
**B** -01 thru -75



- B-01 } Ignition coil
- B-02 } —
- B-03 } —
- B-04 } —
- B-05 } —
- B-06 } Tachometer filter
- B-07 } —
- B-08 } Horn
- thru } —
- B-11 } —
- B-12 } —
- B-13 } —
- B-14 } Oxygen sensor
- B-15 } —
- B-16 } Front door switch (R.H.)
- B-17 } —
- B-18 } Front wiring harness and roof wiring harness
- B-19 } combination
- B-20 } —
- thru } —
- B-22 } —
- B-23 } Contact switch (Vehicles with central locking system)
- B-24 } FBC control unit
- B-25 } —

- B-26 } —
- thru } —
- B-41 } —
- B-42 } Cold mixture heater
- B-43 } Thermo switch
- B-44 } Fuel cut solenoid valve
- B-45 } Engine coolant temperature gauge unit
- B-46 } —
- thru } —
- B-52 } —
- B-53 } Over vent valve
- B-54 } —





36G0155

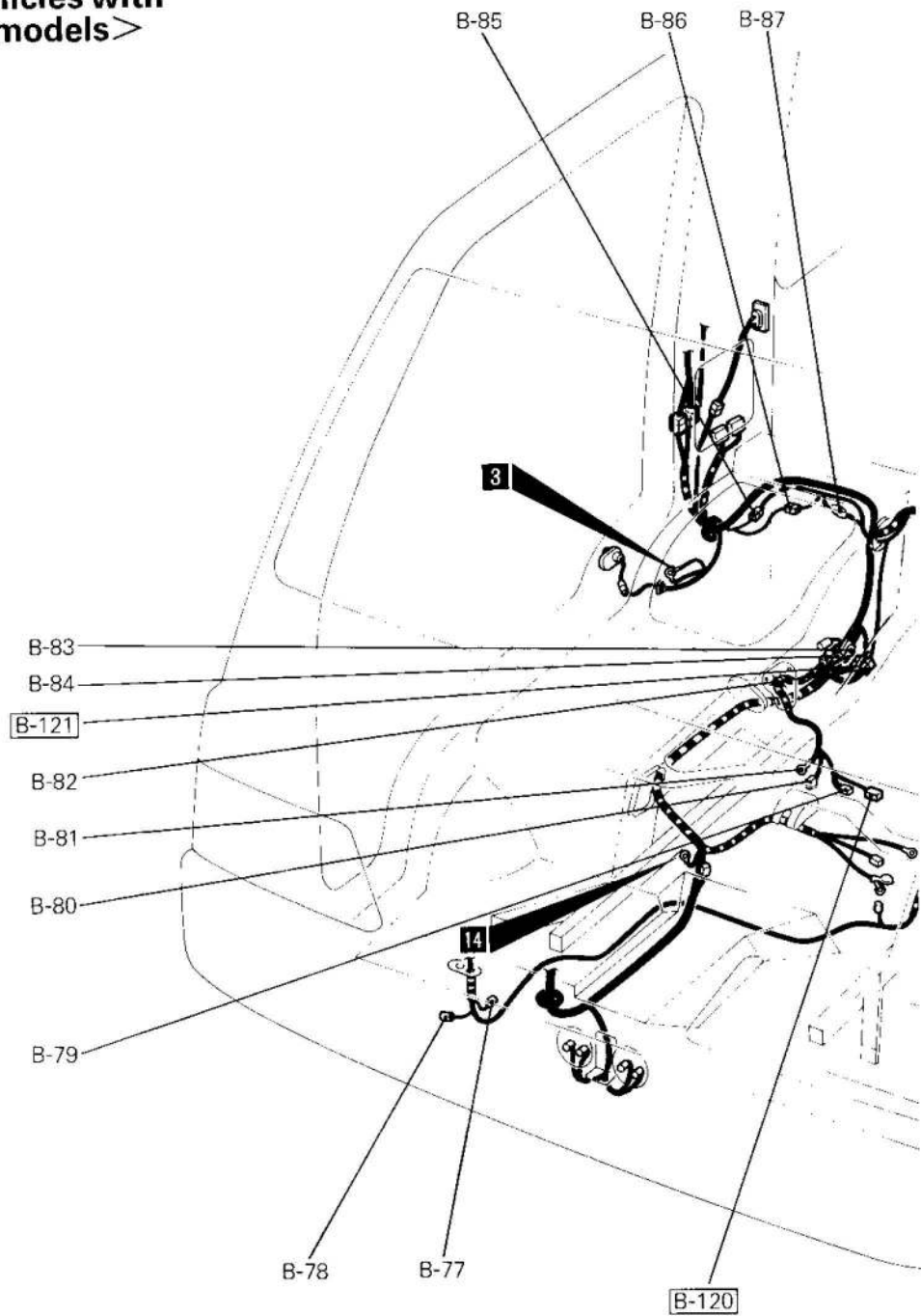
- B-55 Secondary air control valve
- B-56 Vacuum switch
- B-57 } Front wiring harness and fusible link box
- B-58 } combination
- B-59 Contact switch (Vehicles with central locking system)
- B-60 Headlamp washer motor
- B-61 Cold mixture heater relay
- B-62 —

- B-63 } Front wiring harness and fuel gauge wiring
- B-64 } harness combination
- B-65 Front door switch (L.H.)
- B-66 Front wiring harness and fusible link combination
- B-67 Fusible link and battery cable (+) combination
- B-68 Front wiring harness and battery cable (+) combination
- B-69 thru } —
- B-71 } —
- B-72 Engine coolant temperature sensor
- B-73 Starter
- B-74 Front wiring harness and engine wiring harness combination
- B-75 —

Remark  
 "—" means that the connector with corresponding code-number is not used.

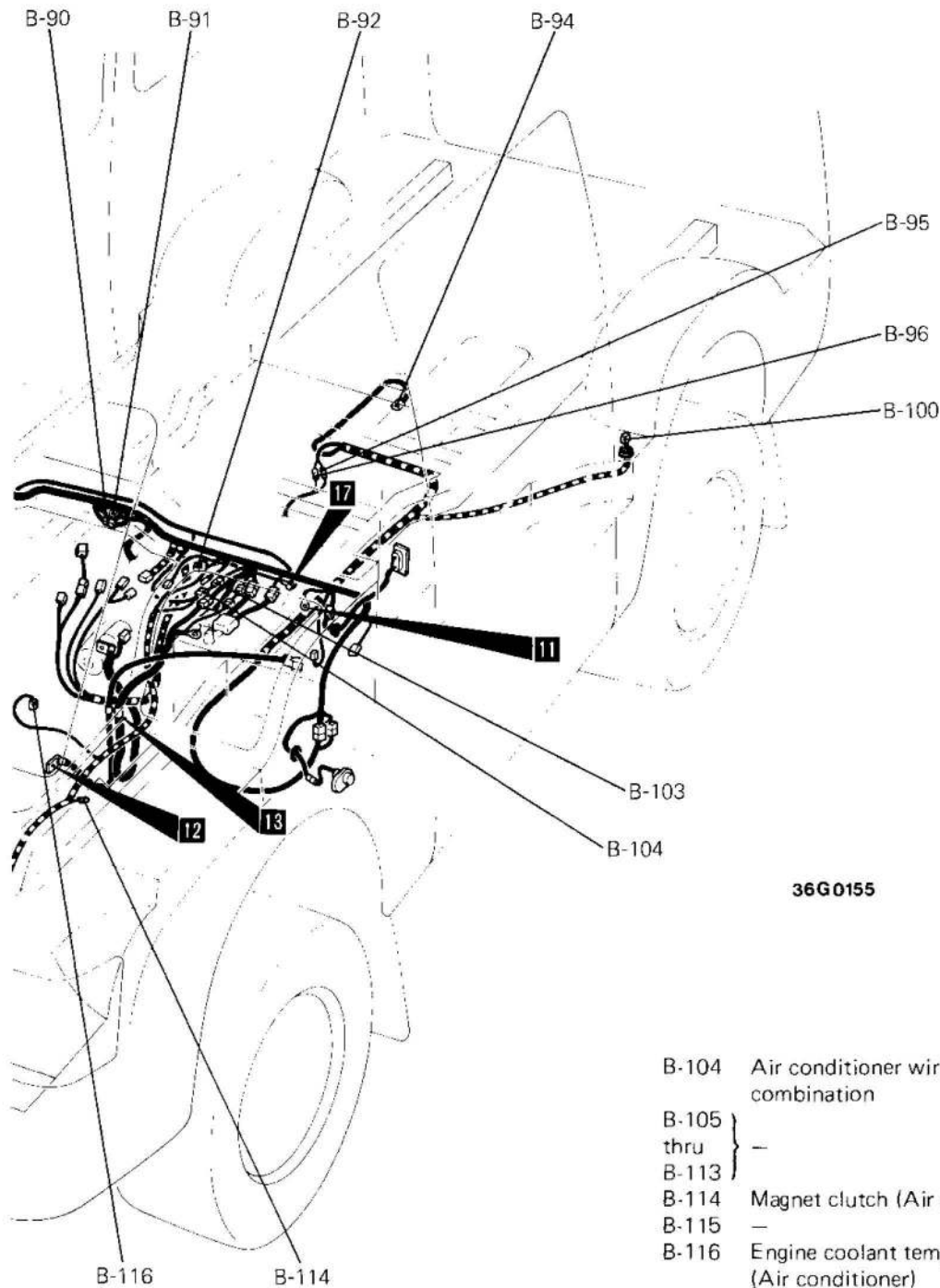
**3-1 Petrol-powered vehicles**  
**<L.H. drive 2WD vehicles with**  
**carburetor – 5-door models>**

Connector  
symbol  
**B** -76  
 thru  
 -121



- B-76 —
- B-77 Pressure switch (Dual) (Air conditioner)
- B-78 Condenser fan motor (Air conditioner)
- B-79 Oil pressure switch
- B-80 } Alternator
- B-81 }
- B-82 Front wiring harness and air conditioner wiring harness combination
- B-83 } Front wiring harness and engine wiring harness combination
- B-84 }

- B-85 } Overhead air conditioner wiring harness and air conditioner harness combination
- B-86 }
- B-87 Dedicated fuse (Air conditioner)
- B-88 —
- B-89 —
- B-90 Throttle position sensor
- B-91 Auto choke heater and solenoid valve
- B-92 Solenoid valve (Air conditioner)
- B-93 —
- B-94 Fuel gauge unit



36G0155

- B-95 } Back-up lamp switch
- B-96 } —
- B-97 } —
- thru } —
- B-99 } —
- B-100 Rear heater blower motor
- B-101 —
- B-102 —
- B-103 Front wiring harness and fusible link combination

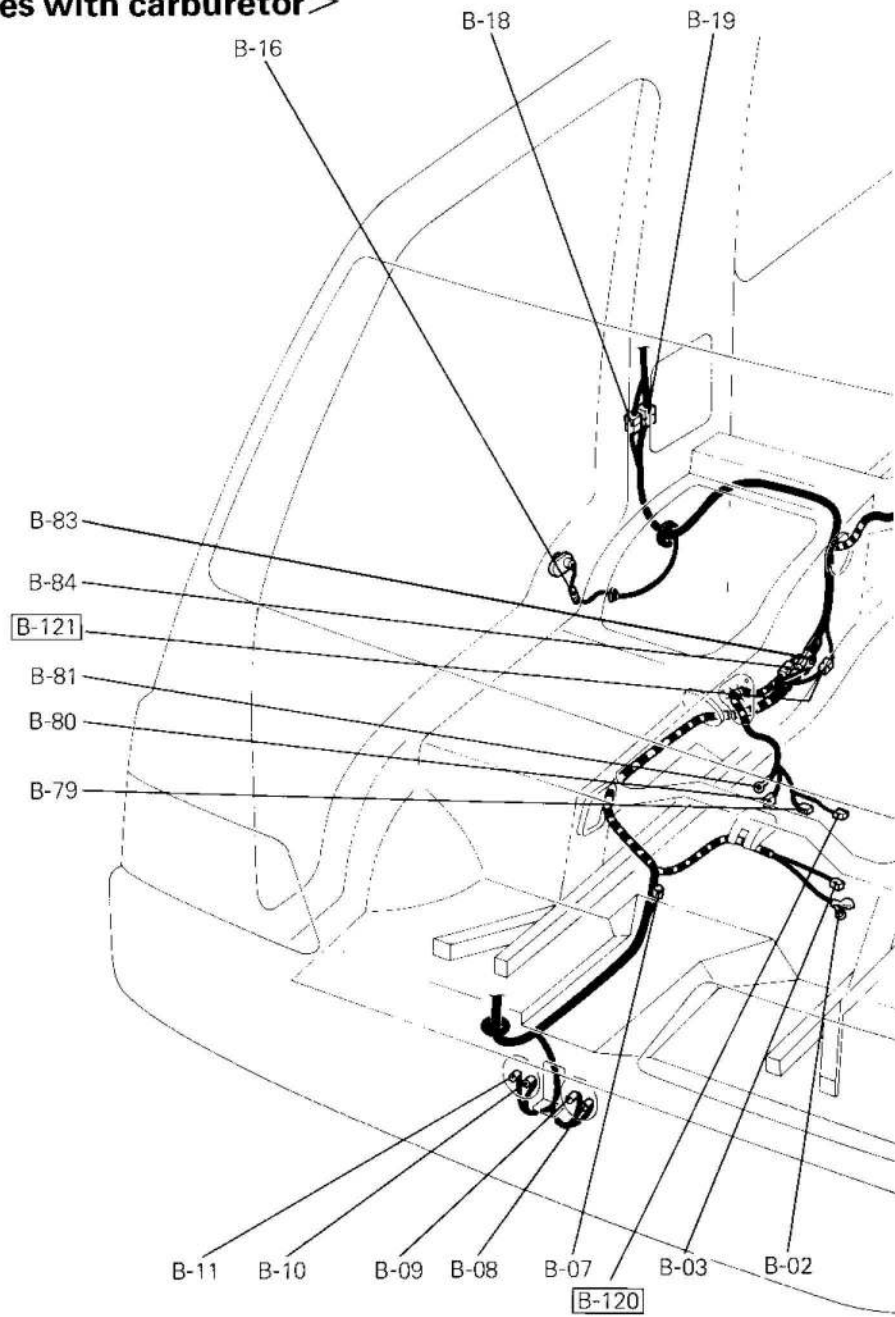
- B-104 Air conditioner wiring harness and fusible link combination
- B-105 } —
- thru } —
- B-113 } —
- B-114 Magnet clutch (Air conditioner)
- B-115 —
- B-116 Engine coolant temperature switch (Air conditioner)
- B-117 } —
- thru } —
- B-119 } —
- B-120 Engine oil level sensor
- B-121 Front wiring harness and engine wiring harness combination

Remarks

- (1) Connector numbers enclosed by the frame    indicate newly added connectors.
- (2) "—" means that the connector with corresponding code-number is not used.

3-3 Petrol-powered vehicles  
 <R.H. drive 2WD vehicles with carburetor>

Connector symbol  
**B**

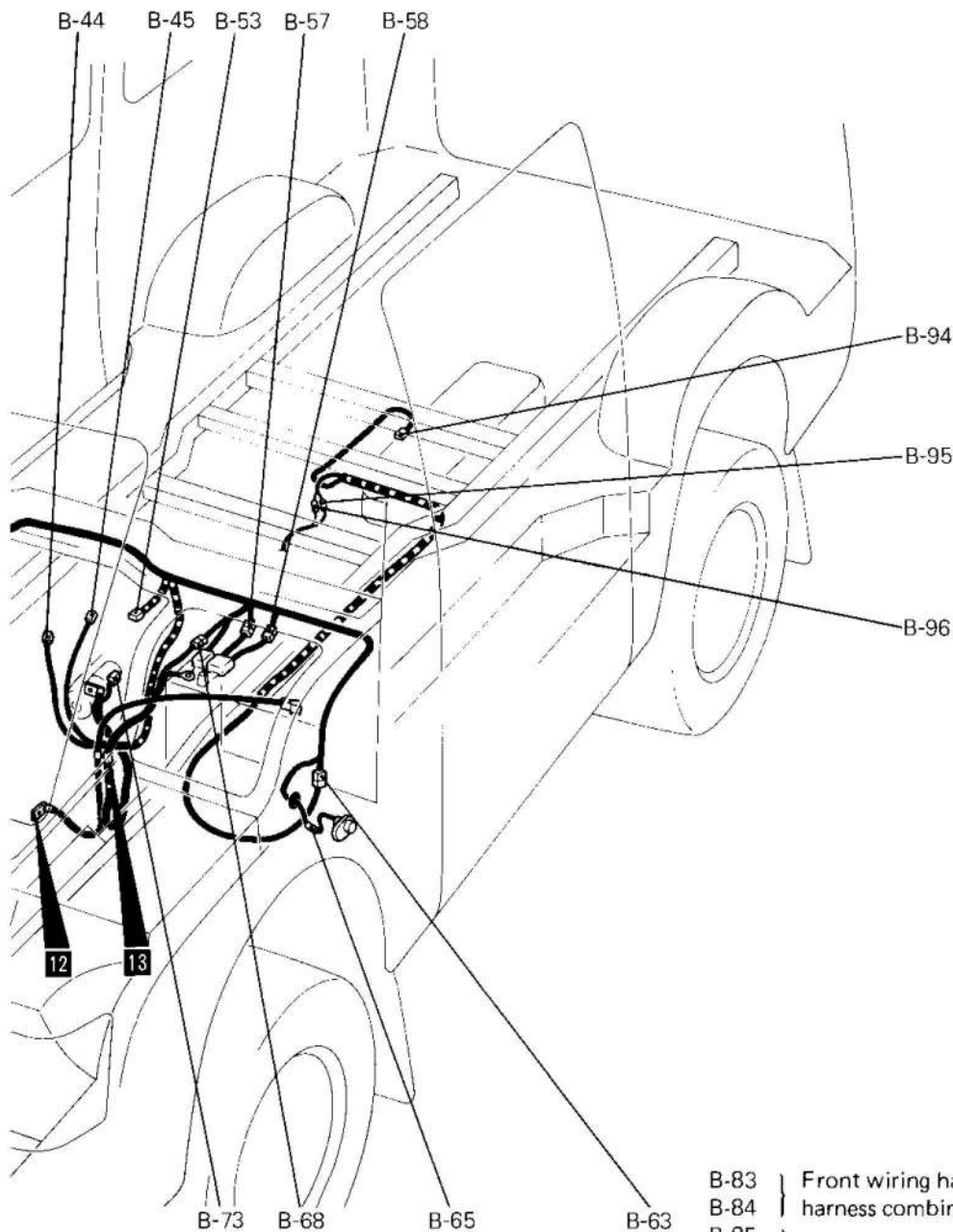


- B-01 —
- B-02 } Ignition coil
- B-03 }
- B-04 } —
- thru }
- B-06 }
- B-07 } Resistor (Vehicles with dim-dip lamp)

- B-08 } Horn
- thru }
- B-11 }
- B-12 } —
- thru }
- B-15 }

- B-16 } Front door switch (R.H.)
- B-17 } —
- B-18 } Front wiring harness and roof wiring harness combination
- B-19 }
- B-20 } —
- thru }
- B-43 } —
- B-44 } Fuel cut solenoid valve
- B-45 } Engine coolant temperature gauge unit
- B-46 } —
- thru }
- B-52 }

- B-53 } Over vent valve
- B-54 } —
- thru }
- B-56 }
- B-57 } Front wiring harness and fusible link box combination
- B-58 }
- B-59 } —
- thru }
- B-62 }
- B-63 } Front wiring harness and fuel gauge wiring harness combination
- B-64 } —



36G0161

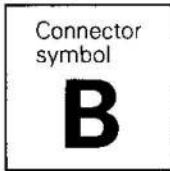
- B-65 Front door switch (L.H.)
- B-66 —
- B-67 —
- B-68 Front wiring harness and battery cable (+) combination
- B-69 } —
- thru } —
- B-72 } —
- B-73 Starter
- B-74 } —
- thru } —
- B-78 } —
- B-79 Oil pressure switch
- B-80 } Alternator
- B-81 } —
- B-82 —

- B-83 } Front wiring harness and engine wiring
- B-84 } harness combination
- B-85 } —
- thru } —
- B-93 } —
- B-94 Fuel gauge unit
- B-95 } Back-up lamp switch
- B-96 } —
- thru } —
- B-119 } —
- B-120 Engine oil level sensor
- B-121 Front wiring harness and engine wiring harness combination

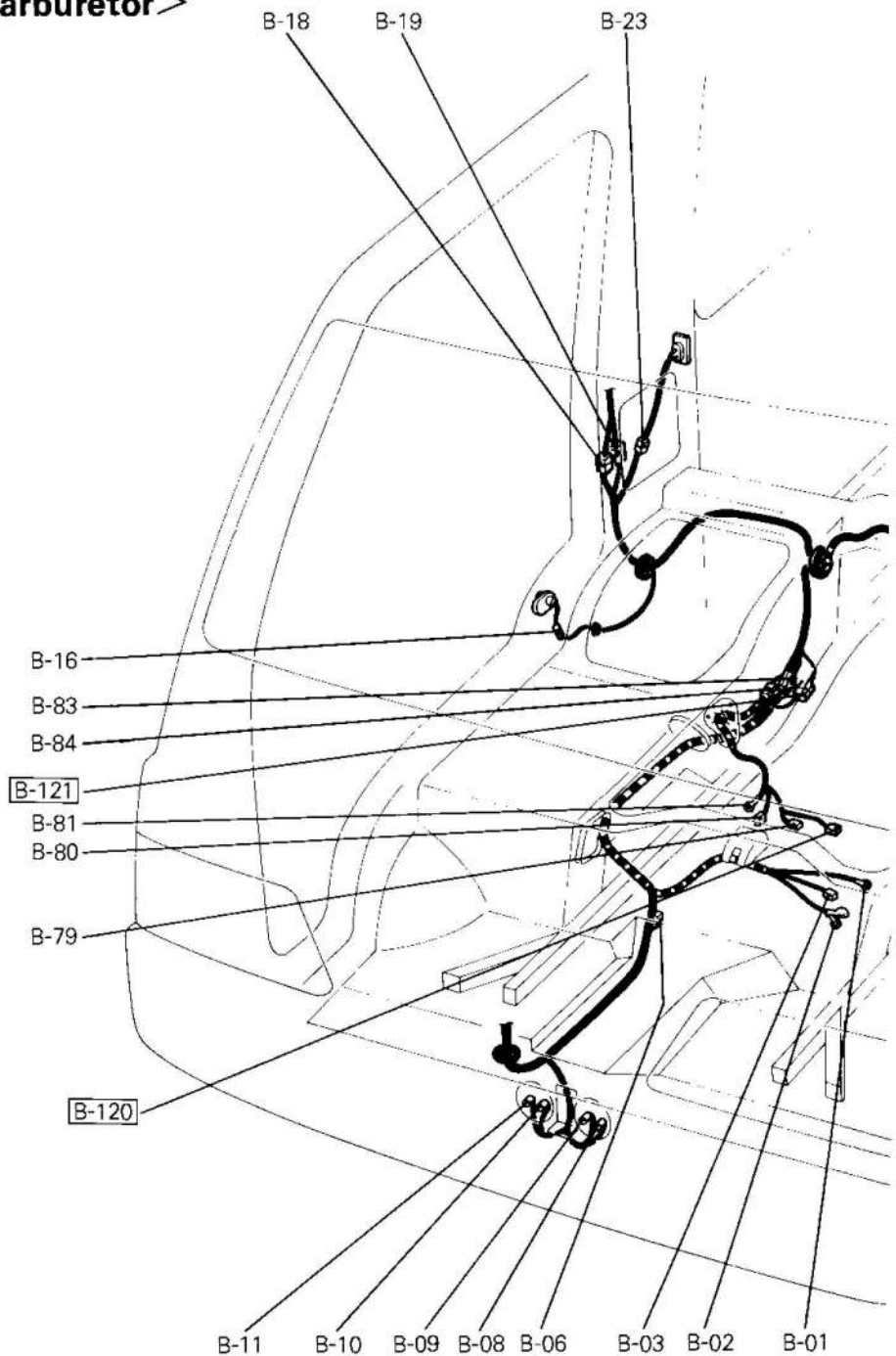
Remarks

- (1) Connector numbers enclosed by the frame    indicate newly added connectors.
- (2) "—" means that the connector with corresponding code-number is not used.

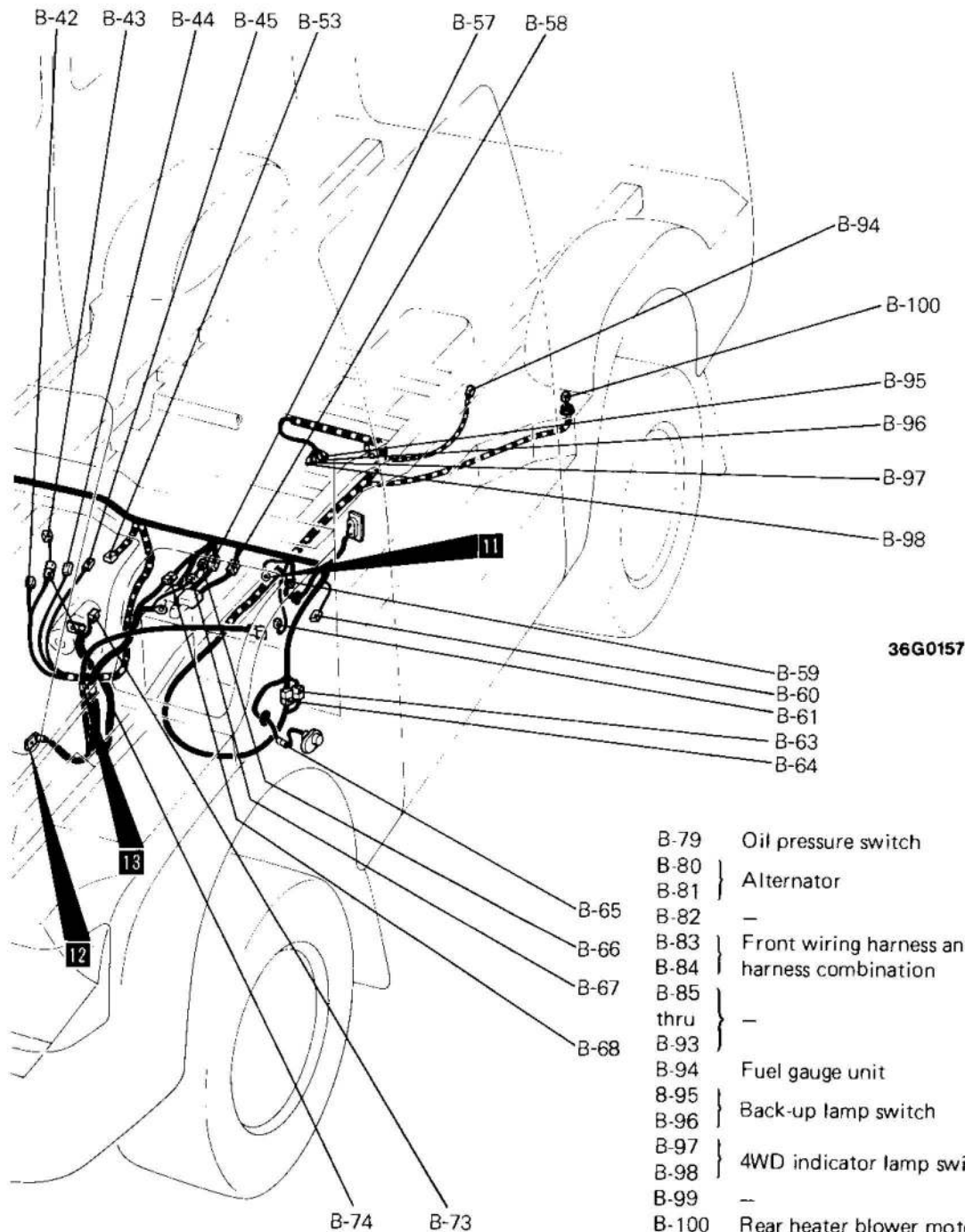
3-4 Petrol-powered vehicles  
 <4WD vehicles with carburetor>



- B-01 } Ignition coil
- B-02 }
- B-03 }
- B-04 } —
- B-05 } —
- B-06 } Tachometer filter
- B-07 } —
- B-08 } Horn
- thru }
- B-11 }
- B-12 } —
- thru }
- B-15 } —
- B-16 } Front door switch (R.H.)
- B-17 } —
- B-18 } Front wiring harness and roof
- B-19 } wiring harness combination
- B-20 } —
- thru }
- B-22 } —
- B-23 } Contact switch (Vehicles with
- } central locking system)
- B-24 } —
- thru }
- B-41 } —
- B-42 } Cold mixture heater
- B-43 } Thermo switch
- B-44 } Fuel cut solenoid valve
- B-45 } Engine coolant temperature gauge unit
- B-46 } —
- thru }
- B-52 } —
- B-53 } Over vent valve
- B-54 } —
- thru }
- B-56 } —
- B-57 } Front wiring harness and fusible link
- B-58 } combination



- B-59 } Contact switch (Vehicles with central locking
- } system)
- B-60 } Headlamp washer motor
- B-61 } Cold mixture heater relay
- B-62 } —
- B-63 } Front wiring harness and fuel gauge wiring
- B-64 } harness combination
- B-65 } Front door switch (L.H.)
- B-66 } Front wiring harness and fusible link
- } combination
- B-67 } Fusible link and battery cable (+) combination



36G0157

- B-68 Front wiring harness and battery cable (+) combination
- B-69 thru B-72 } —
- B-73 Starter
- B-74 Front wiring harness and engine wiring harness combination
- B-75 thru B-78 } —

- B-79 Oil pressure switch
- B-80 } Alternator
- B-81 } —
- B-82 } —
- B-83 Front wiring harness and engine wiring harness combination
- B-84 } —
- B-85 thru B-93 } —
- B-94 Fuel gauge unit
- B-95 } Back-up lamp switch
- B-96 } —
- B-97 } 4WD indicator lamp switch
- B-98 } —
- B-99 —
- B-100 Rear heater blower motor
- B-101 thru B-119 } —
- B-120 Engine oil level sensor
- B-121 Front wiring harness and engine wiring harness combination

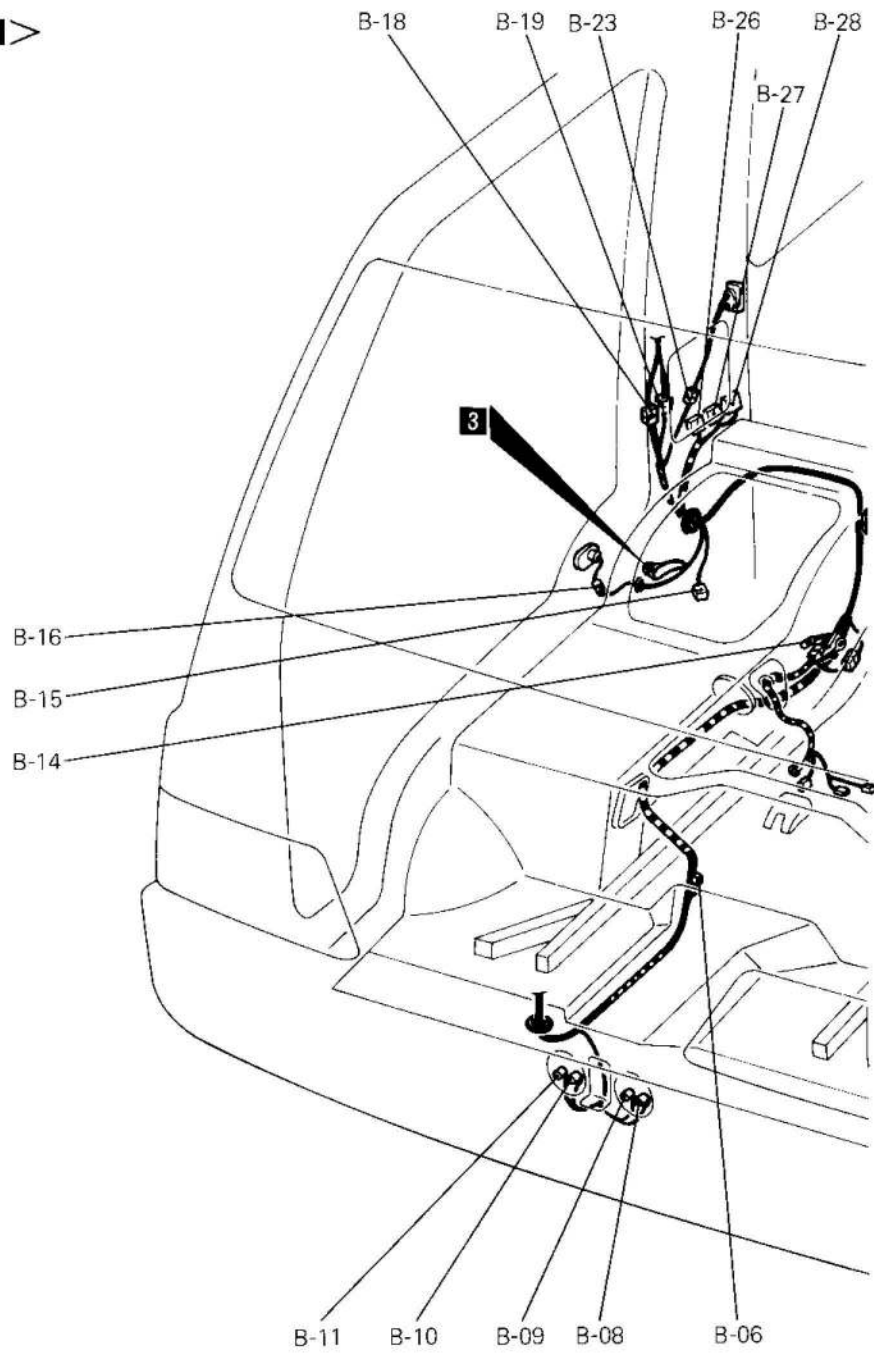
Remarks

- (1) Connector numbers enclosed by the frame  indicate newly added connectors.
- (2) "—" means that the connector with corresponding code-number is not used.



3-5 Petrol-powered vehicles  
 <4WD vehicles with MPI>

Connector symbol  
**B** -01 thru -75



- B-01 } —
- thru } —
- B-05 } —
- B-06 Tachometer filter
- B-07 } —
- B-08 } Horn
- thru } —
- B-11 } —
- B-12 } —
- B-13 } —
- B-14 Oxygen sensor
- B-15 Air flow sensor
- B-16 Front door switch (R.H.)
- B-17 } —
- B-18 } Front wiring harness and roof wiring harness
- B-19 } combination
- B-20 } —
- thru } —
- B-22 } —
- B-23 Contact switch (Vehicles with central locking system)
- B-24 } —
- B-25 } —
- B-26 } M.P.I. control unit
- B-27 } —
- B-28 } —

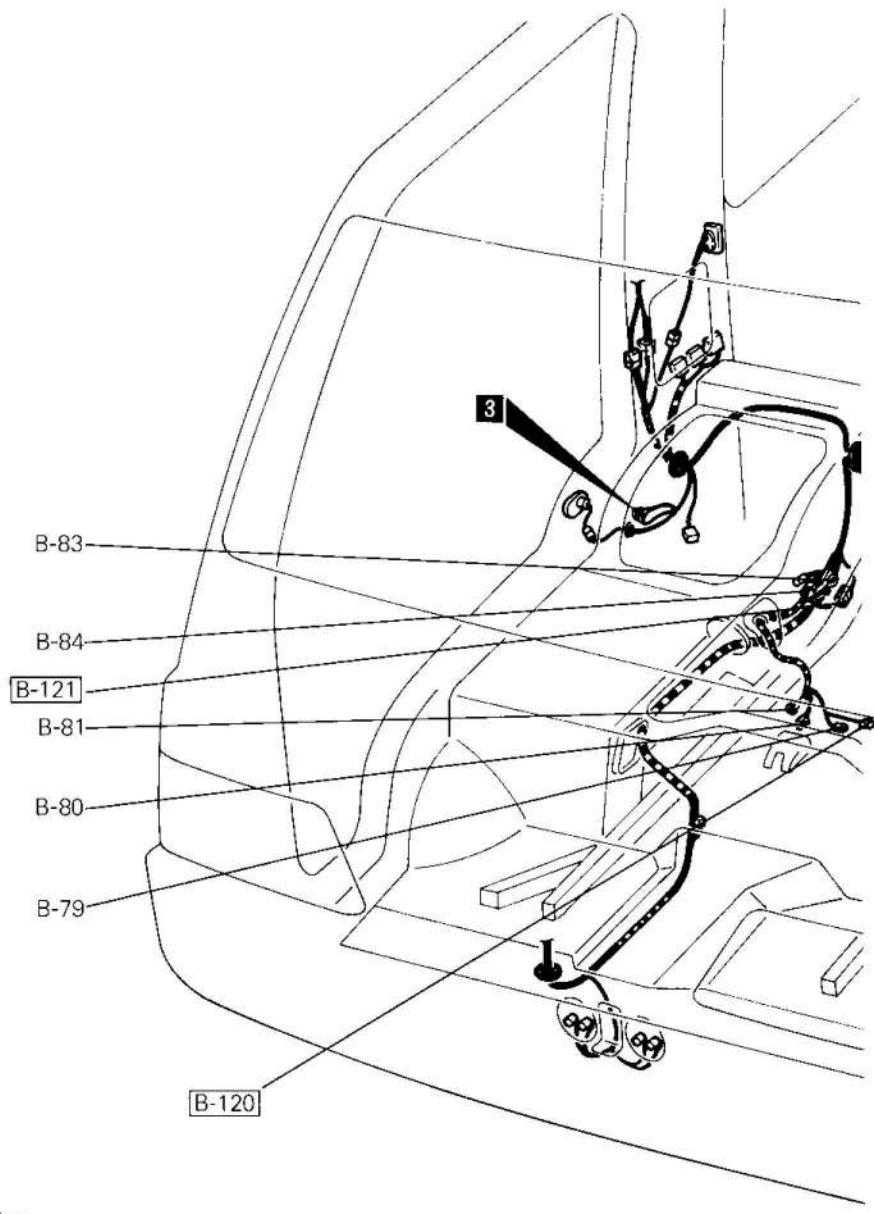
- B-29 } —
- thru } —
- B-44 } —
- B-45 Engine coolant temperature gauge unit
- B-46 Ignition timing adjustment connector
- B-47 } —
- thru } —
- B-53 } —
- B-54 Purge solenoid valve
- B-55 } —
- B-56 } —





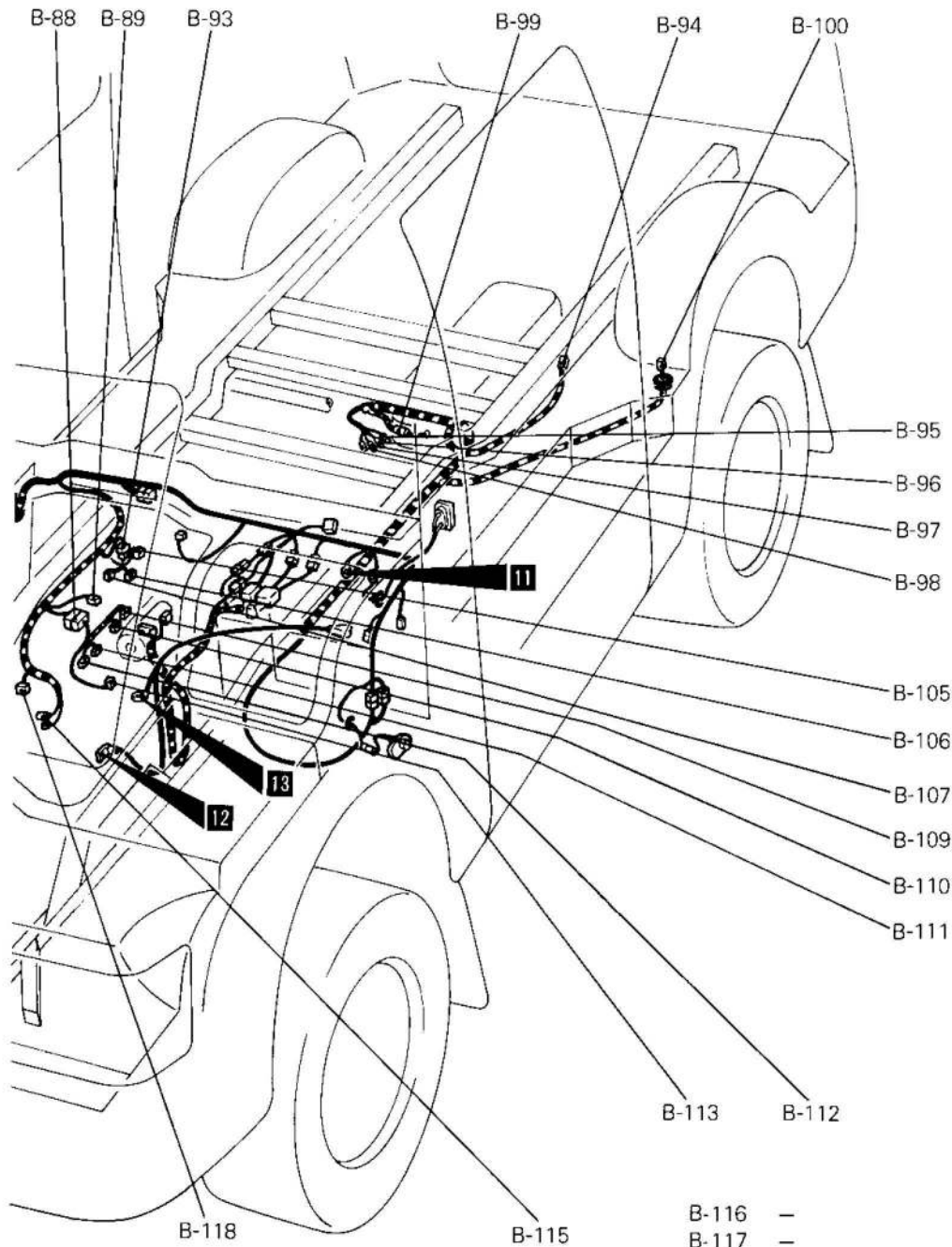
3-5 Petrol-powered vehicles  
 <4WD vehicles with MPI>

Connector symbol  
**B** -76 thru -121



- B-76 } —
- thru } —
- B-78 } —
- B-79 } Oil pressure switch
- B-80 } Alternator
- B-81 } —
- B-82 } —
- B-83 } Front wiring harness and engine wiring
- B-84 } harness combination
- B-85 } —
- thru } —
- B-87 } —
- B-88 } Front wiring harness and engine wiring
- harness combination
- B-89 } Throttle position sensor
- B-90 } —
- thru } —
- B-92 } —
- B-93 } Front wiring harness and engine wiring
- harness combination
- B-94 } Fuel gauge unit

- B-95 } Back-up lamp switch
- B-96 } —
- B-97 } 4WD indicator lamp switch
- B-98 } —
- B-99 } Fuel pump
- B-100 } Rear heater blower motor
- B-101 } —
- thru } —
- B-104 } —
- B-105 } Power transistor
- B-106 } Idle speed control actuator
- B-107 } Motor position sensor



36G0154

- B-108 —
- B-109 Injector 1
- B-110 Injector 2
- B-111 Injector 3
- B-112 Injector 4
- B-113 Ignition coil
- B-114 —
- B-115 Engine coolant temperature sensor

- B-116 —
- B-117 —
- B-118 Distributor (Crank angle sensor and top dead centre sensor)
- B-119 —
- B-120 Engine oil level sensor
- B-121 Front wiring harness and engine wiring harness combination

Remarks

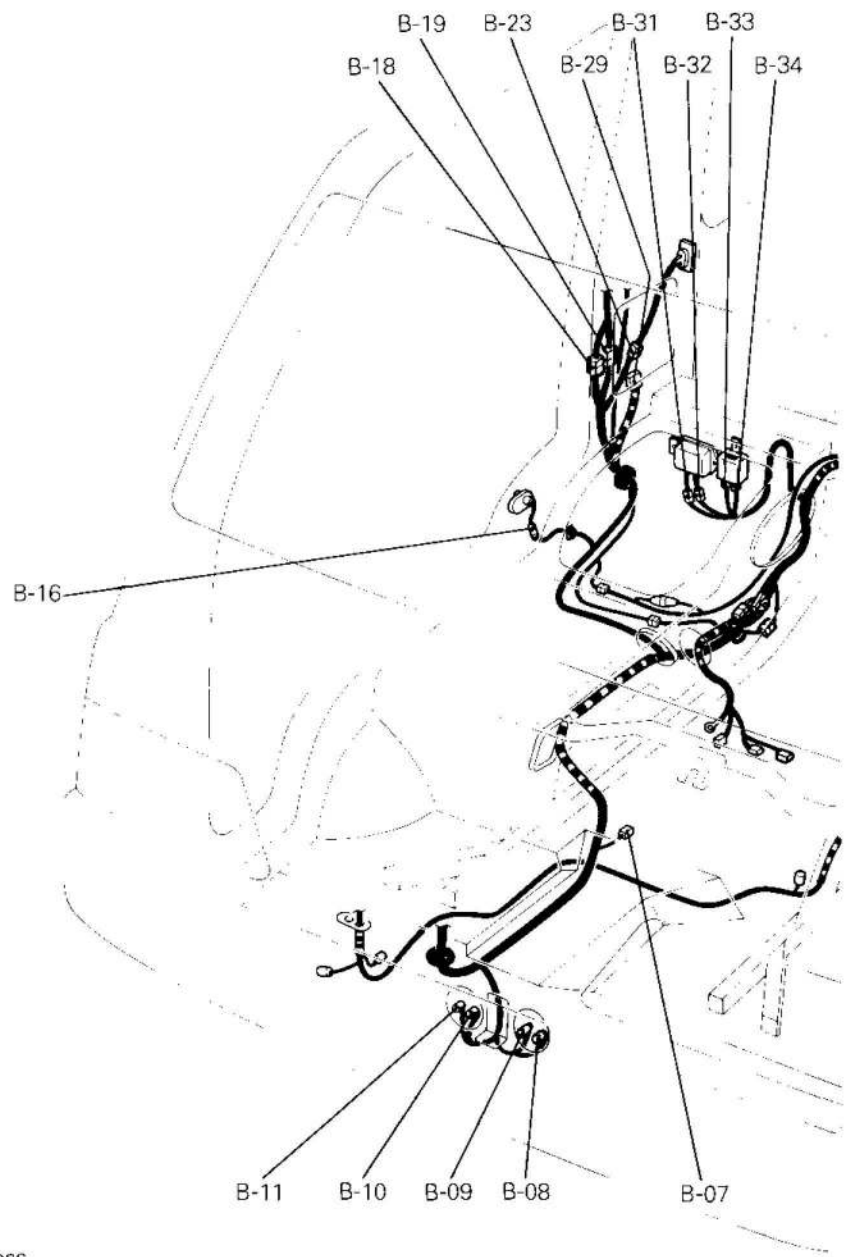
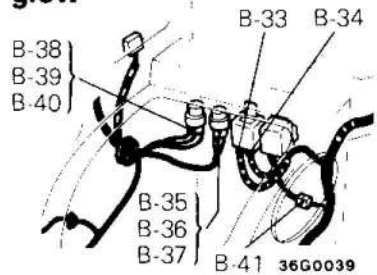
- (1) Connector numbers enclosed by the frame  indicate newly added connectors.
- (2) "—" means that the connector with corresponding code-number is not used.

3-6 Diesel-powered vehicles <2WD>

Connector symbol

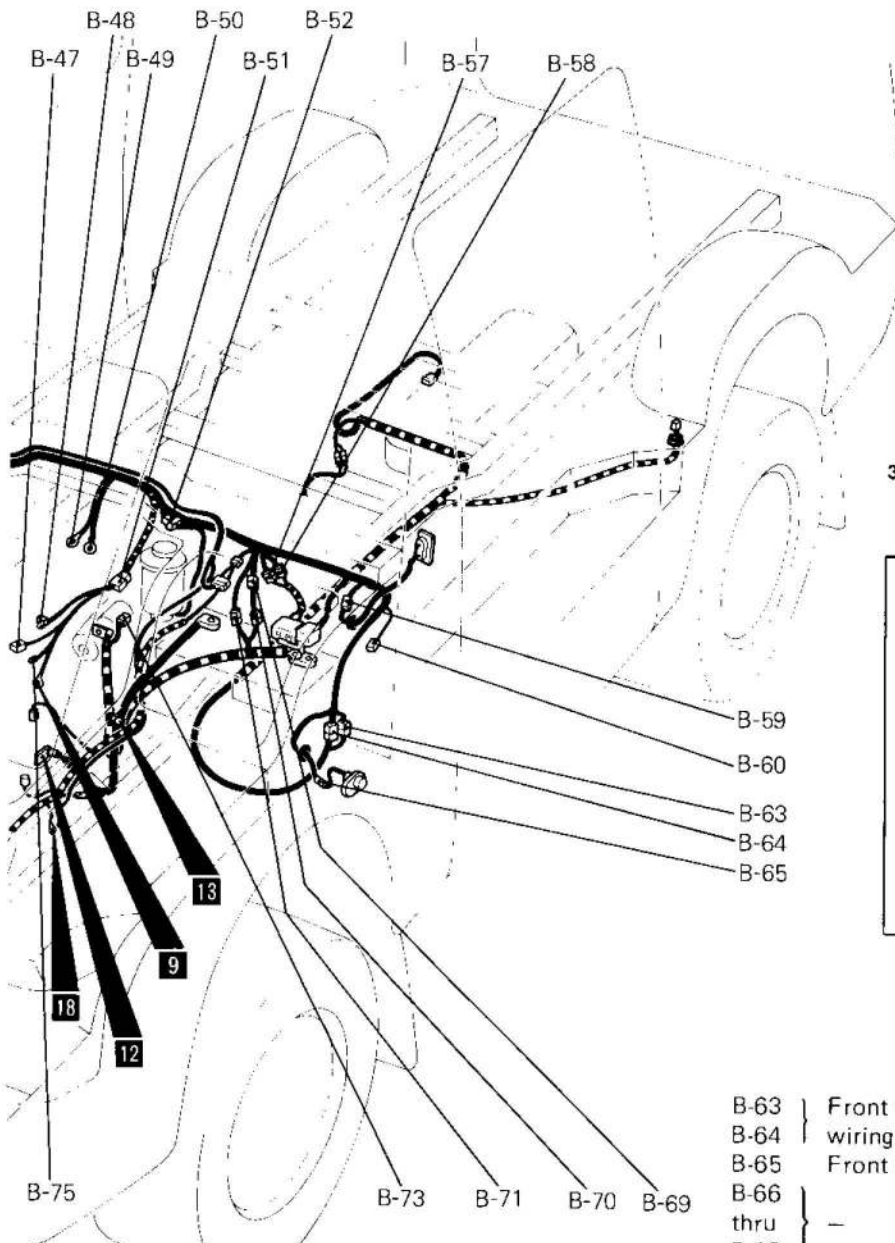
**B** -01 thru -75

Vehicles with super quick glow

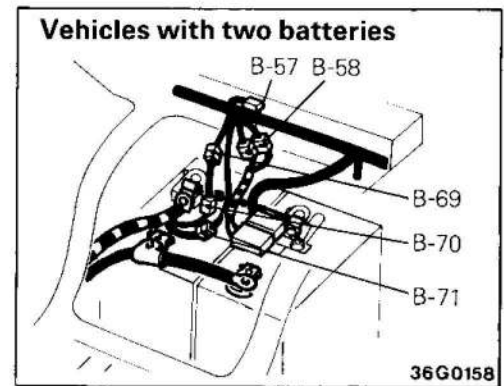


- B-01 } —
- thru } —
- B-06 } —
- B-07 } Resistor (R.H. drive vehicles with dim-dip lamp)
- B-08 } —
- thru } —
- B-11 } Horn
- B-12 } —
- thru } —
- B-15 } —
- B-16 } Front door switch (R.H.)
- B-17 } —
- B-18 } Front wiring harness and roof wiring harness combination
- B-19 } —
- B-20 } —
- thru } —
- B-22 } —
- B-23 } Contact switch (Vehicles with central locking system)
- B-24 } —
- thru } —
- B-28 } —
- B-29 } Glow control unit
- B-30 } —
- B-31 } Glow relay
- B-32 } —
- B-33 } Starter relay
- B-34 } —

- B-35 } —
- B-36 } Glow relay 1
- B-37 } —
- B-38 } Glow relay 2
- B-39 } —
- B-40 } —
- B-41 } Resistor
- B-42 } —
- thru } —
- B-46 } —
- B-47 } Revolution pick up
- B-48 } Engine coolant temperature gauge unit (Sensor)



36G0156



36G0158

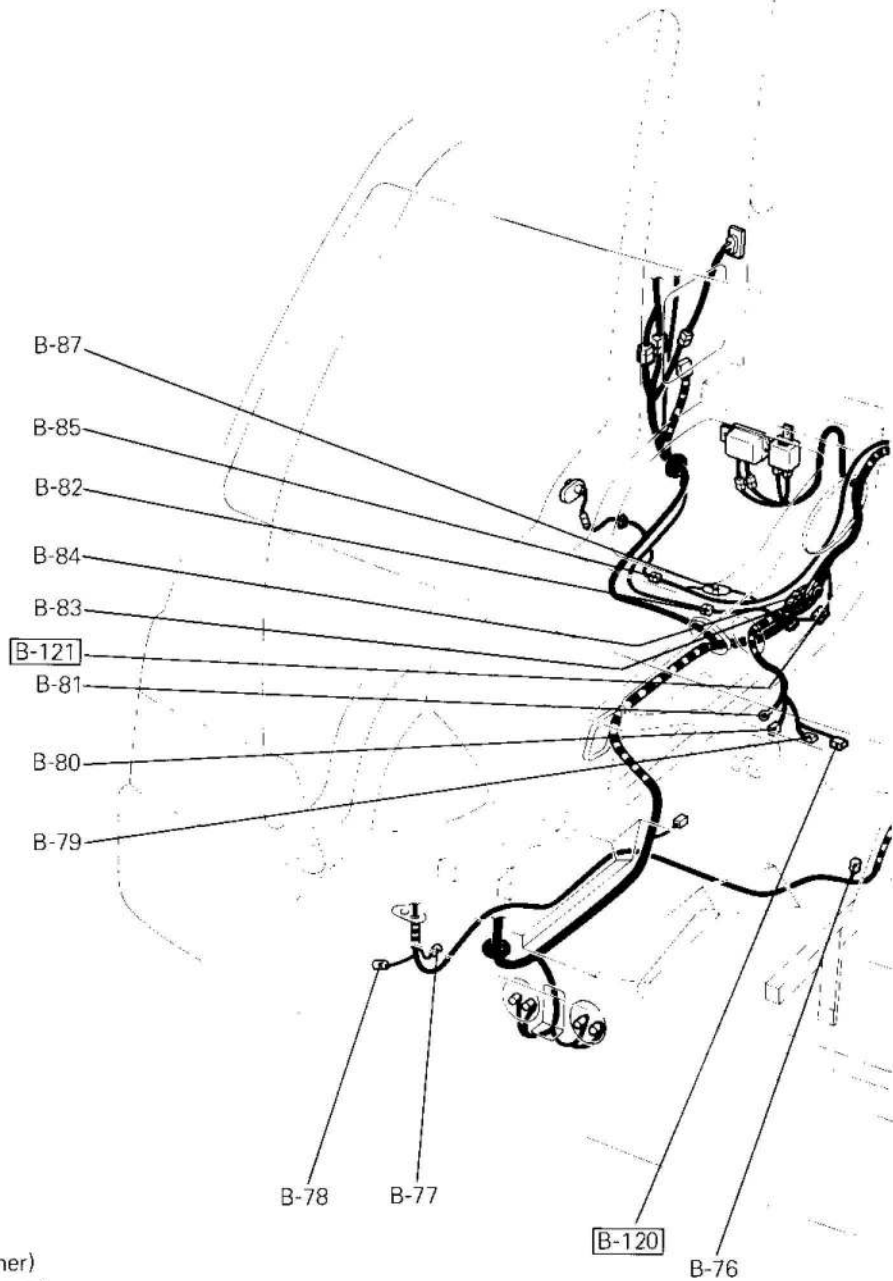
- B-47 —
- B-48 —
- B-49 } Glow plug
- B-50 }
- B-51 Front wiring harness and injection pump wiring harness combination
- B-52 Water level switch
- B-53 } —
- thru }
- B-56 }
- B-57 } Front wiring harness and fusible link box combination
- B-58 }
- B-59 Contact switch (Vehicles with central locking system)
- B-60 Headlamp washer motor
- B-61 —
- B-62 —

- B-59 Contact switch (Vehicles with central locking system)
- B-60 Headlamp washer motor
- B-63 } Front wiring harness and fuel gauge
- B-64 } wiring harness combination
- B-65 Front door switch (L.H.)
- B-66 } —
- thru }
- B-68 }
- B-69 Front wiring harness and fusible link combination
- B-70 Fusible link and battery cable (+) combination
- B-71 Front wiring harness and battery cable (+) combination
- B-72 —
- B-73 Starter
- B-74 —
- B-75 Fuel cut solenoid valve

Remark  
 "—" means that the connector with corresponding code-number is not used.

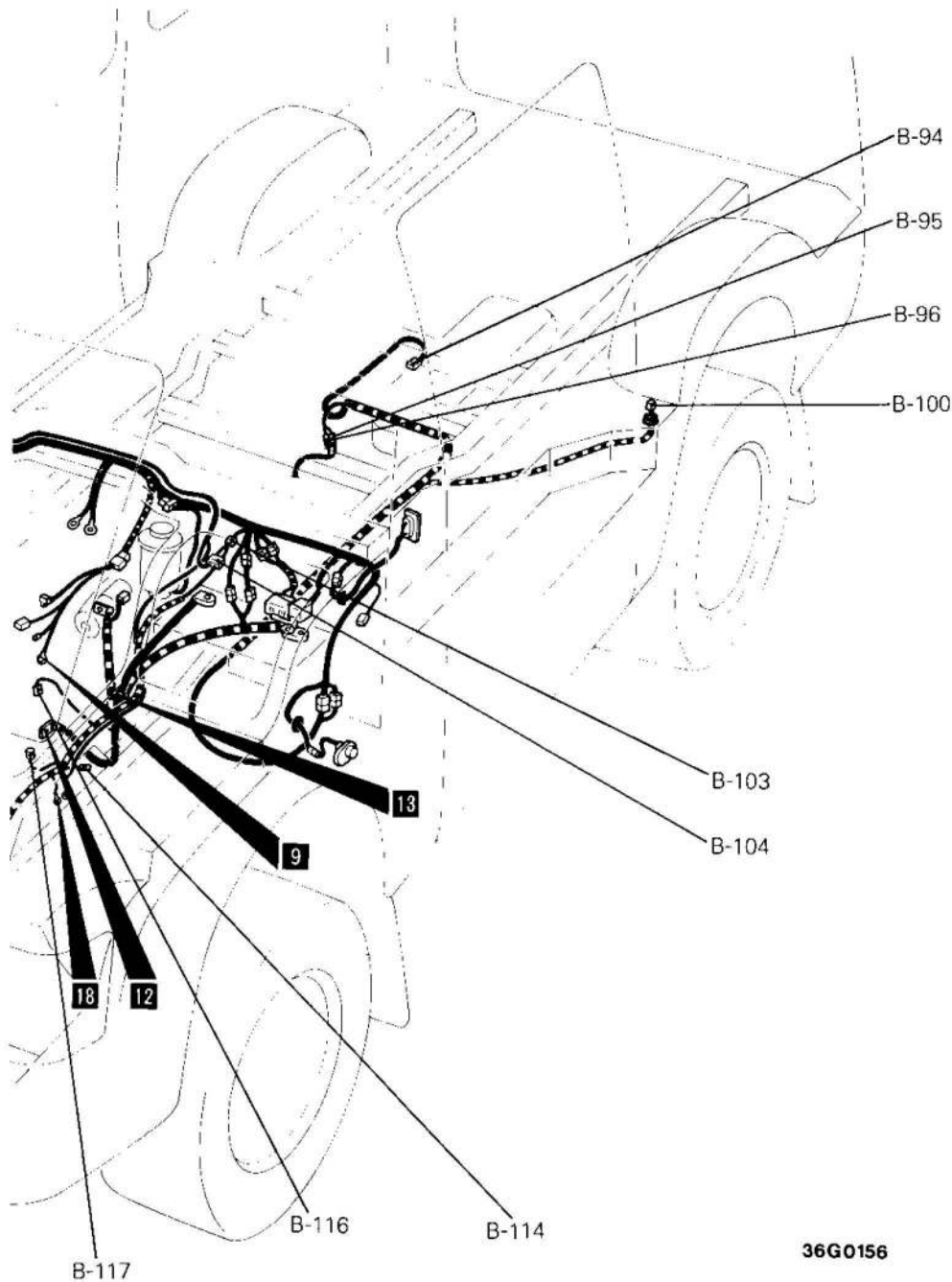
3-6 Diesel-powered vehicles <2WD>

Connector symbol  
**B** -76  
 thru  
 -121



- B-76 Condenser fan motor (Air conditioner)
- B-77 Pressure switch (Dual) (Air conditioner)
- B-78 Condenser fan motor (Air conditioner)
- B-79 Oil pressure switch
- B-80 } Alternator
- B-81 } Alternator
- B-82 Front wiring harness and overhead air conditioner wiring harness combination
- B-83 } Front wiring harness and engine wiring
- B-84 } harness combination
- B-85 Overhead air conditioner wiring harness and air conditioner wiring harness combination
- B-86 —
- B-87 Dedicated fuse (Air conditioner)
- B-88 } —
- thru } —
- B-93 } —

- B-94 Fuel gauge unit
- B-95 } Back-up lamp switch
- B-96 } Back-up lamp switch
- B-97 } —
- thru } —
- B-99 } —
- B-100 Rear heater blower motor
- B-101 —
- B-102 —
- B-103 Front wiring harness and fusible link combination (Air conditioner)
- B-104 Air conditioner wiring harness and fusible link combination



36G0156

- B-105 } —
- thru } —
- B-113 } —
- B-114 Magnet clutch (Air conditioner)
- B-115 —
- B-116 Engine coolant temperature switch  
(Air conditioner)
- B-117 Vacuum solenoid valve
- B-118 —
- B-119 —

- B-120 Engine oil level sensor
- B-121 Front wiring harness and engine wiring harness combination

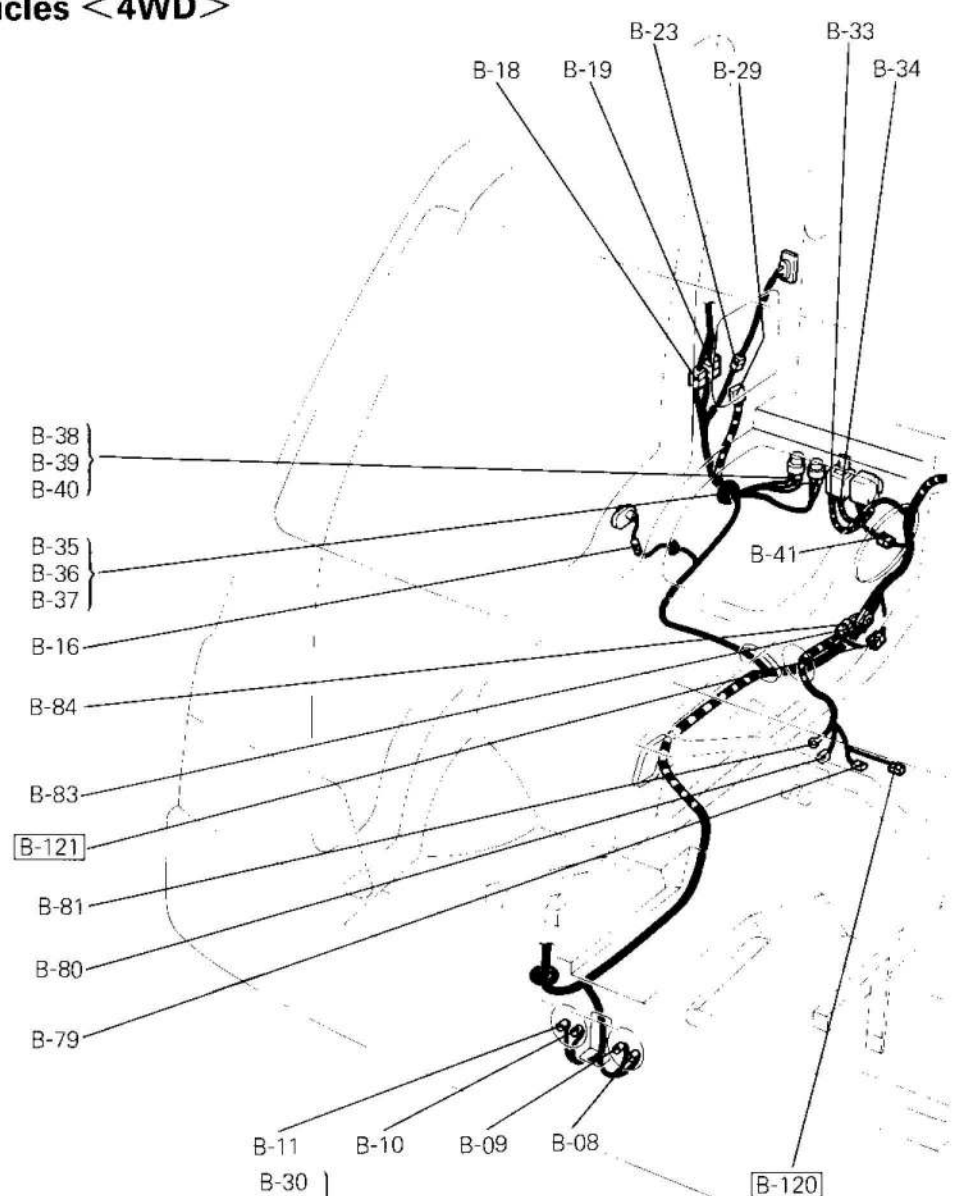
Remarks

- (1) Connector numbers enclosed by the frame  indicate newly added connectors.
- (2) "—" means that the connector with corresponding code-number is not used.



3-7 Diesel-powered vehicles <4WD>

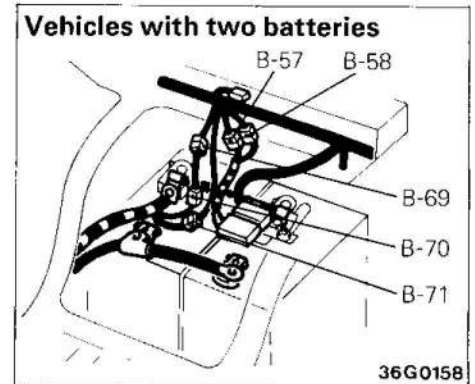
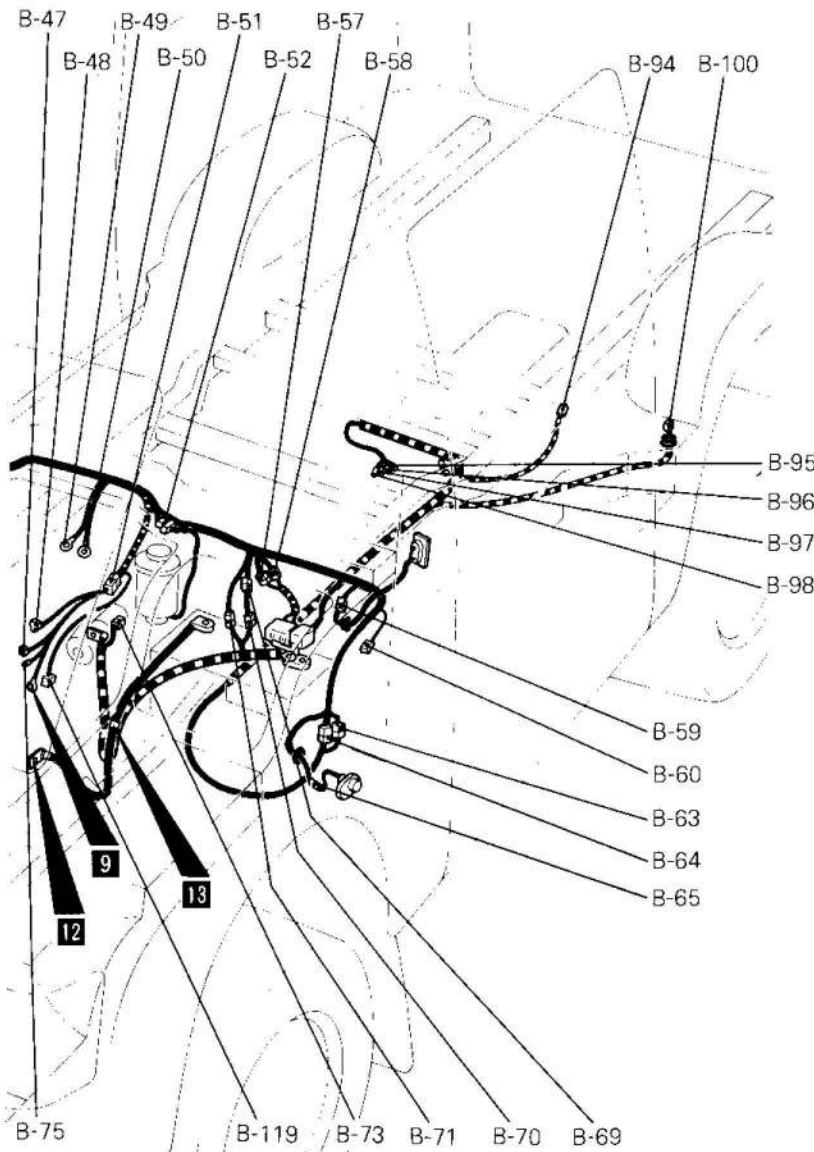
Connector symbol  
**B**



- B-01 } —
- thru B-07 } —
- B-08 } Horn
- thru B-11 } —
- B-12 } —
- thru B-15 } —
- B-16 Front door switch (R.H.)
- B-17 —
- B-18 } Front wiring harness and roof wiring harness
- B-19 } combination
- B-20 } —
- thru B-22 } —
- B-23 Contact switch (Vehicles with central locking system)
- B-24 } —
- thru B-28 } —
- B-29 Glow control unit

- B-11 —
- B-10 —
- B-09 —
- B-08 —
- B-30 } —
- thru B-32 } —
- B-33 Starter relay
- B-34 Starter relay
- B-35 } Glow relay 1
- B-36 } Glow relay 1
- B-37 } —
- B-38 } Glow relay 2
- B-39 } Glow relay 2
- B-40 Resistor
- B-41 Resistor
- B-42 } —
- thru B-46 } —
- B-47 Revolution pick up
- B-48 Engine coolant temperature gauge unit (Sensor)
- B-49 } Glow plug
- B-50 } Glow plug
- B-51 Front wiring harness and injection pump wiring harness combination





36G0162

- B-52 Water level switch
- B-53 } —
- thru } —
- B-56 } —
- B-57 } Front wiring harness and fusible link box
- B-58 } combination
- B-59 Contact switch (Vehicles with central locking system)
- B-60 Headlamp washer motor
- B-61 —
- B-62 —
- B-63 } Front wiring harness and fuel gauge
- B-64 } wiring harness combination
- B-65 Front door switch (L.H.)
- B-66 } —
- thru } —
- B-68 } —
- B-69 Front wiring harness and fusible link combination
- B-70 Fusible link and battery cable (+) combination

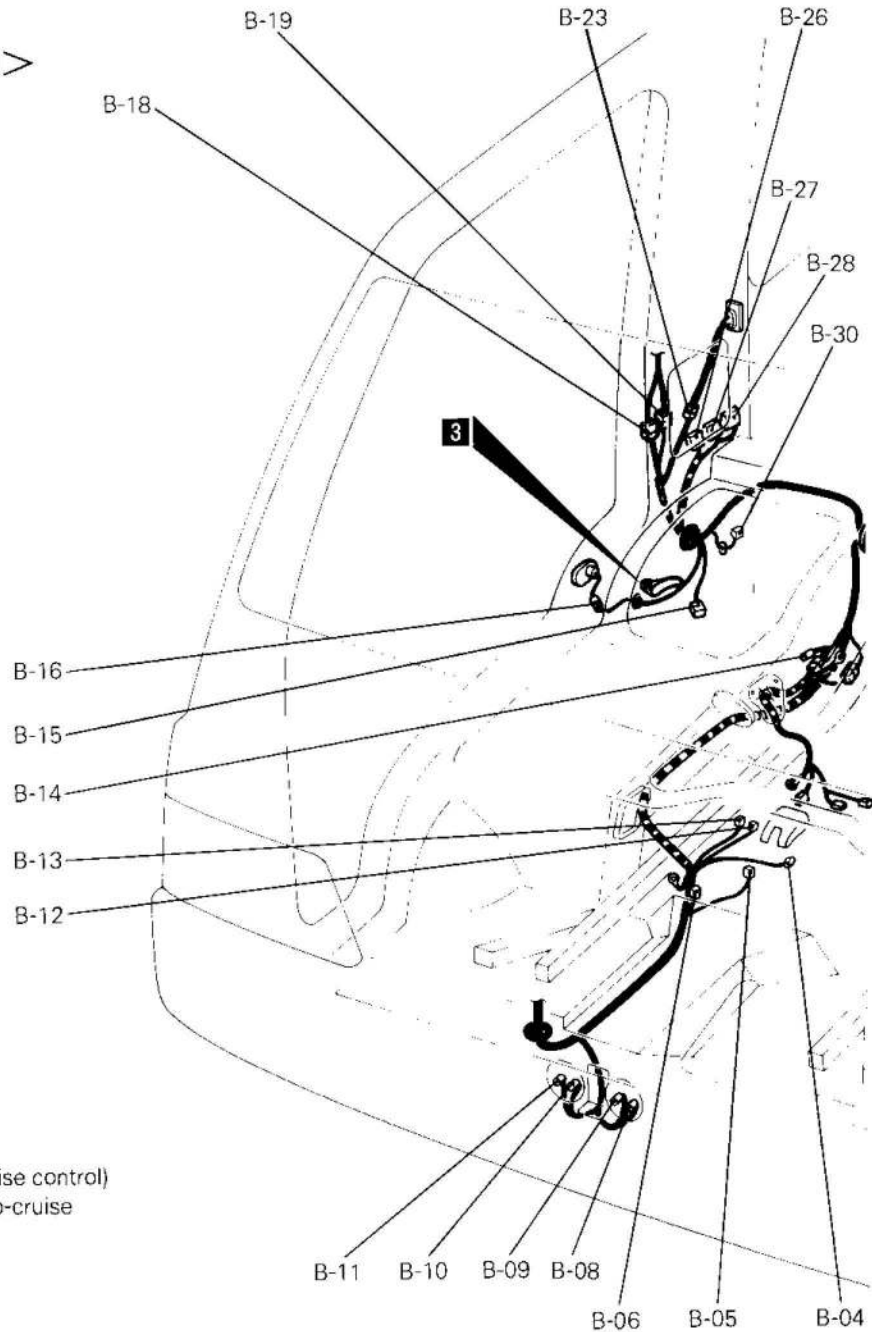
- B-71 Front wiring harness and battery cable (+) combination
- B-72 —
- B-73 Starter
- B-74 —
- B-75 Fuel cut solenoid valve
- B-76 } —
- thru } —
- B-78 } —
- B-79 Oil pressure switch
- B-80 } Alternator
- B-81 } —
- B-82 } —
- B-83 } Front wiring harness and engine wiring
- B-84 } harness combination
- B-85 } —
- thru } —
- B-93 } —
- B-94 Fuel gauge unit
- B-95 } Back-up lamp switch
- B-96 } —
- B-97 } 4WD indicator lamp switch
- B-98 } —
- B-99 } —
- B-100 Rear heater blower motor
- B-101 } —
- thru } —
- B-118 } —
- B-119 Engine coolant temperature switch
- B-120 Engine oil level sensor
- B-121 Front wiring harness and engine wiring harness combination

Remarks

- (1) Connector numbers enclosed by the frame  indicate newly added connectors.
- (2) "—" means that the connector with corresponding code-number is not used.

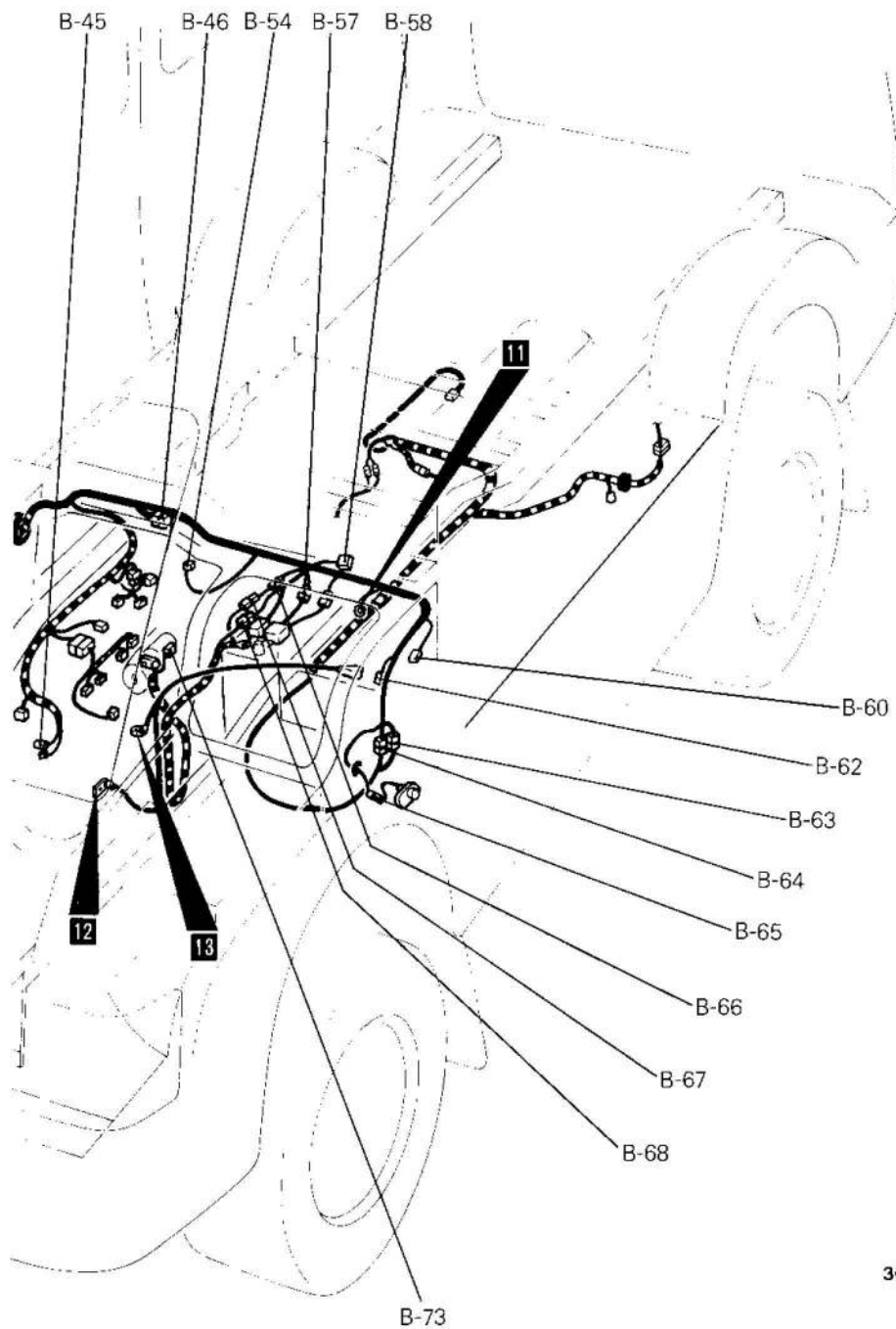
**3-8 Petrol-powered vehicles**  
 <2WD vehicles with MPI>

Connector symbol  
**B** -01 thru -75



- B-01 } —
- thru } —
- B-03 } —
- B-04 Vacuum switch (Vehicles with auto-cruise control)
- B-05 Vacuum pump relay (Vehicles with auto-cruise control)
- B-06 Tachometer filter
- B-07 —
- B-08 } —
- thru } —
- B-11 } Horn
- B-12 Actuator (Vehicles with auto-cruise control)
- B-13 Vacuum pump (Vehicles with auto-cruise control)
- B-14 Oxygen sensor
- B-15 Air flow sensor
- B-16 Front door switch (R.H.)
- B-17 —
- B-18 } Front wiring harness and roof wiring harness
- B-19 } combination
- B-20 } —
- thru } —
- B-22 } —
- B-23 Contact switch (Vehicles with central locking system)
- B-24 —
- B-25 —

- B-26 } —
- B-27 } M.P.I. control unit
- B-28 } —
- B-29 —
- B-30 Step lamp
- B-31 } —
- thru } —
- B-44 } —
- B-45 Engine coolant temperature gauge unit
- B-46 Ignition timing adjustment connector
- B-47 } —
- thru } —
- B-53 } —
- B-54 Purge solenoid valve
- B-55 —
- B-56 —



36G0159

- B-57 } Front wiring harness and fusible link box combination
- B-58 } —
- B-59 } —
- B-60 Headlamp washer motor
- B-61 —
- B-62 Fuel pump check connector
- B-63 } Front wiring harness and fuel gauge wiring harness
- B-64 } combination
- B-65 Front door switch (L.H.)
- B-66 Front wiring harness and fusible link combination
- B-67 Fusible link and battery cable (+) combination

B-68 Front wiring harness and battery cable (+) combination

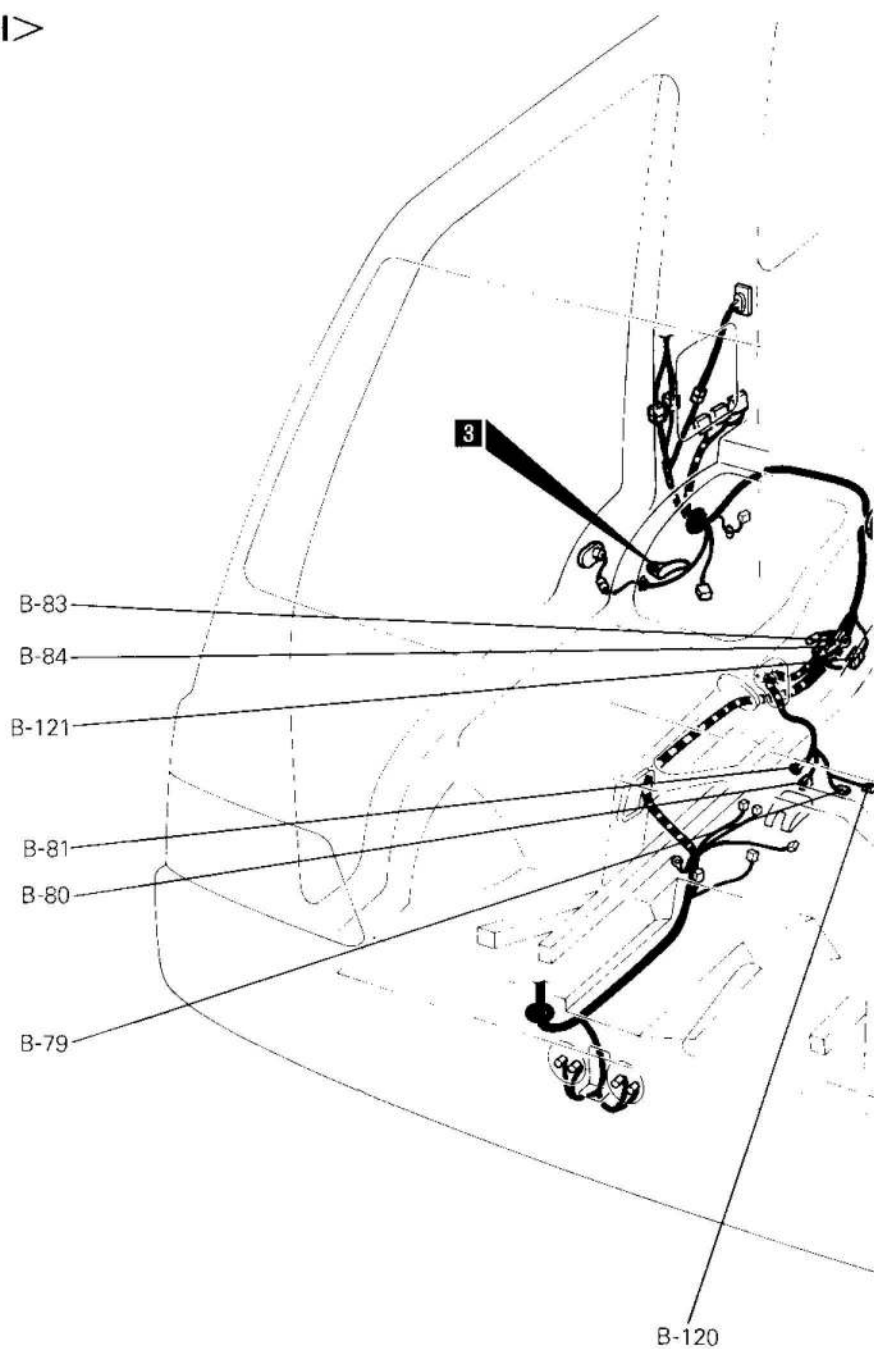
- B-69 } —
- thru } —
- B-72 } —
- B-73 Starter
- B-74 —
- B-75 —

Remark

"—" means that the connector with corresponding code-number is not used.

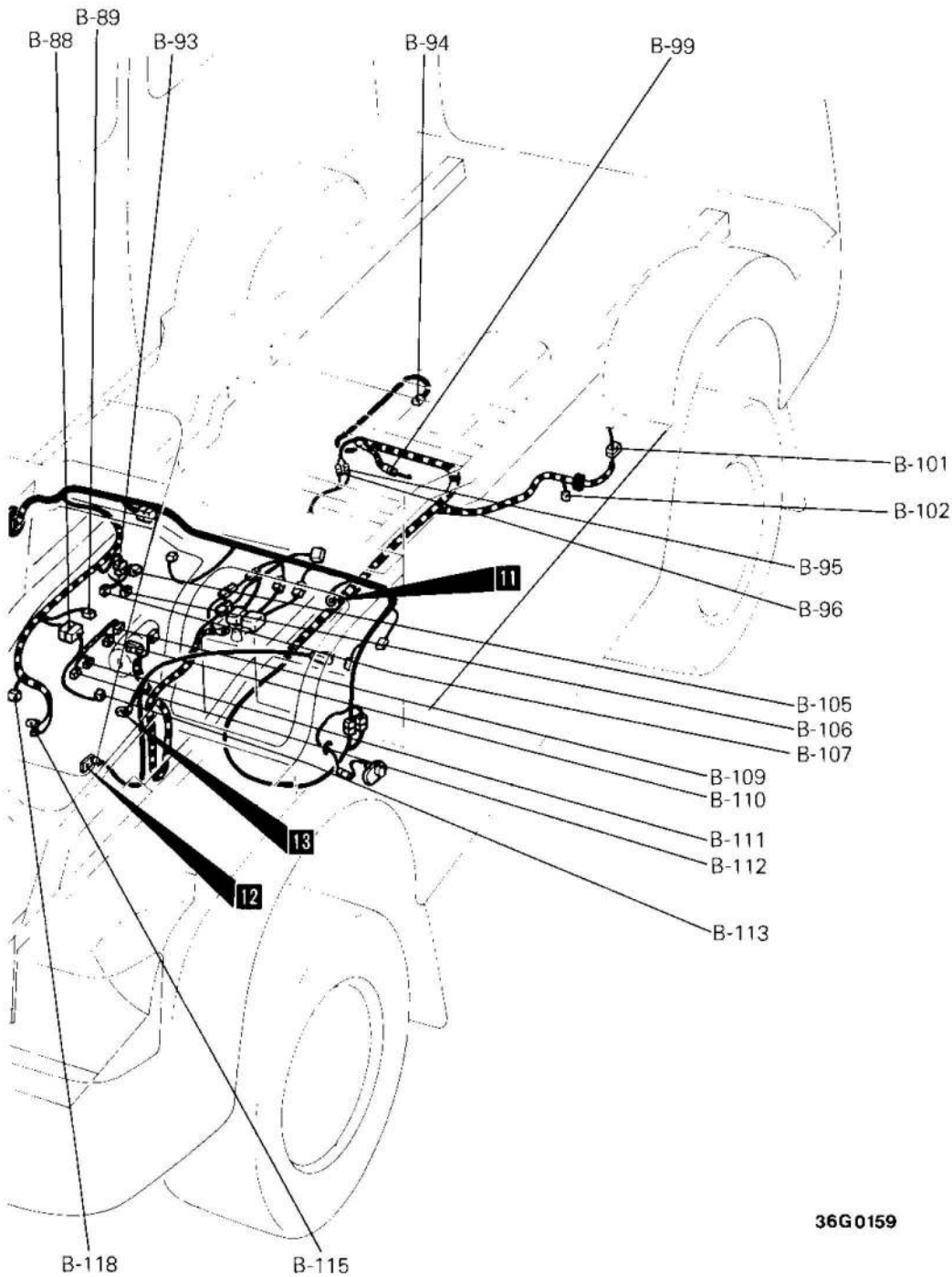
3-8 Petrol-powered vehicles  
<2WD vehicles with MPI>

Connector  
symbol  
**B** -76  
thru  
-121



- B-76 } —
- thru } —
- B-78 } —
- B-79 Oil pressure switch
- B-80 } Alternator
- B-81 } —
- B-82 —
- B-83 Front wiring harness and engine wiring harness combination
- B-84 } —
- thru } —
- B-87 } —
- B-88 Front wiring harness and engine wiring harness combination
- B-89 Throttle position sensor
- B-90 } —
- thru } —
- B-92 } —

- B-93 Front wiring harness and engine wiring harness combination
- B-94 Fuel gauge unit
- B-95 } Back-up lamp switch
- B-96 } —
- B-97 —
- B-98 —
- B-99 Fuel pump
- B-100 —
- B-101 Fuel gauge wiring harness and rear side wiring harness combination
- B-102 Rear heater blower motor

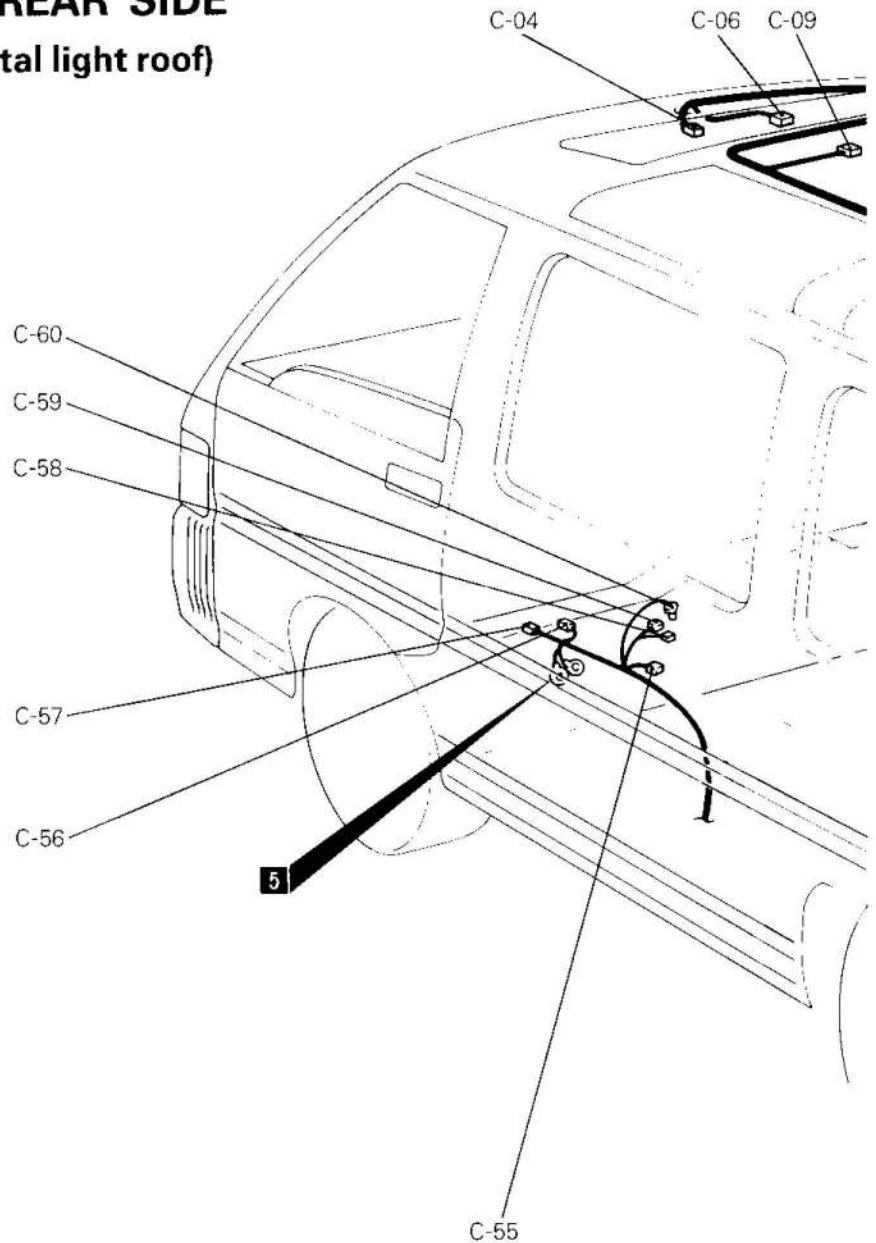
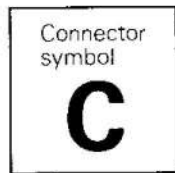


36G0159

- |       |                             |       |                                                             |
|-------|-----------------------------|-------|-------------------------------------------------------------|
| B-103 | —                           | B-115 | Engine coolant temperature sensor                           |
| B-104 | —                           | B-116 | —                                                           |
| B-105 | Power transistor            | B-117 | —                                                           |
| B-106 | Idle speed control actuator | B-118 | Distributor (Crank angle sensor and top dead centre sensor) |
| B-107 | Motor position sensor       | B-119 | —                                                           |
| B-108 | —                           | B-120 | Engine oil level sensor                                     |
| B-109 | Injector 1                  | B-121 | Front wiring harness and engine wiring harness combination  |
| B-110 | Injector 2                  |       |                                                             |
| B-111 | Injector 3                  |       |                                                             |
| B-112 | Injector 4                  |       |                                                             |
| B-113 | Ignition coil               |       |                                                             |
| B-114 | —                           |       |                                                             |
- Remark  
 "—" means that the connector with corresponding code-number is not used.

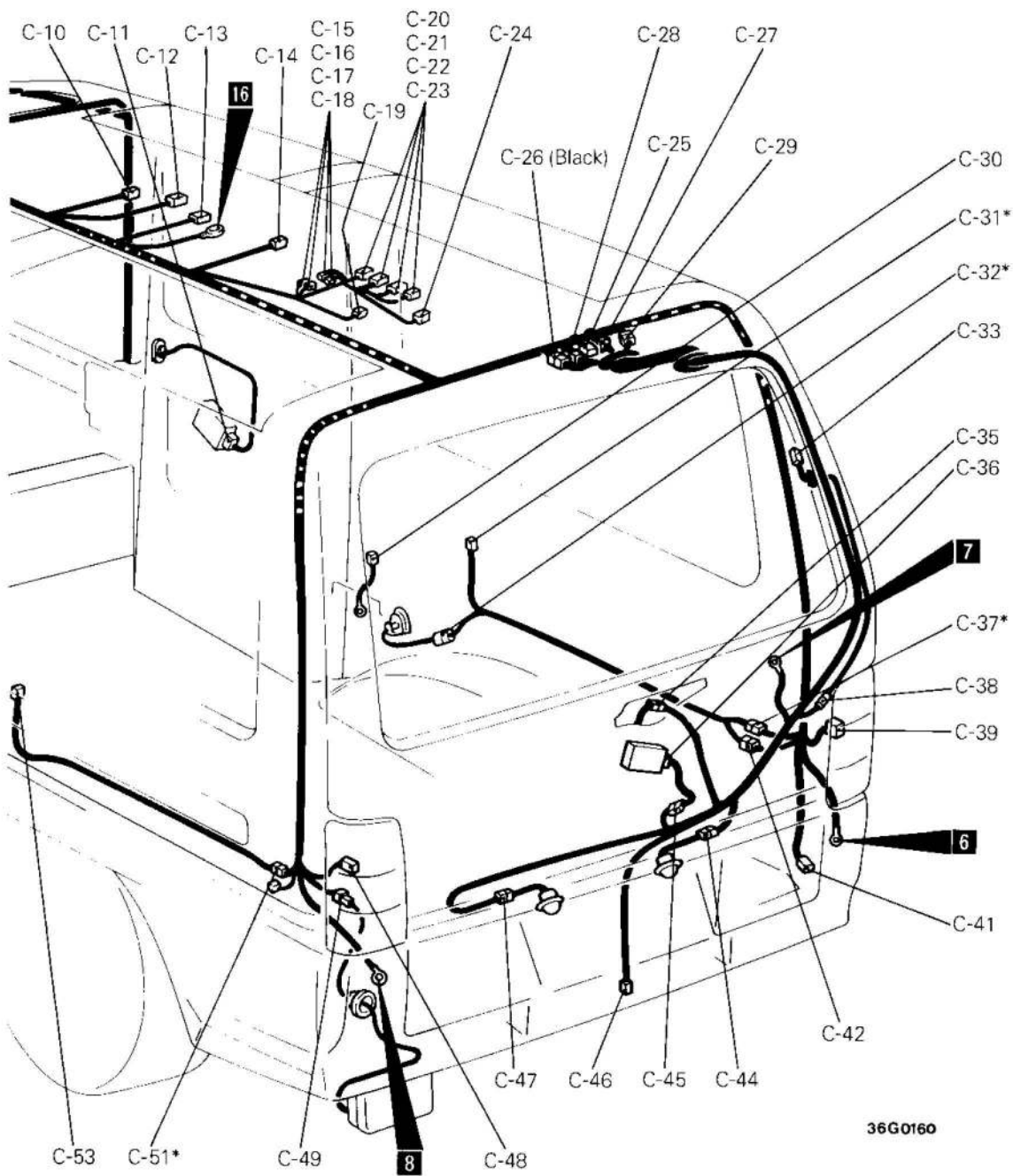
## 4 ROOF · TAILGATE · REAR SIDE

### 4-3 4-door models (with crystal light roof)



- C-01 } —
- thru } —
- C-03 } —
- C-04 Front room lamp
- C-05 —
- C-06 Motor-driven roof blind main switch (Front)
- C-07 —
- C-08 —
- C-09 Motor-driven roof blind motor (Front-L.H.)
- C-10 Overhead console lamp
- C-11 Rear door lock actuator (Mini-bus)
- C-12 Motor-driven roof blind motor (Front-R.H.)
- C-13 Motor-driven roof blind sub switch (Rear)
- C-14 Spot lamp
- C-15 } Diode
- thru } (for motor-driven roof blind)
- C-18 } —
- C-19 Motor-driven roof blind motor (Rear-L.H.)
- C-20 } Motor-driven roof blind relay
- thru } —
- C-23 } —
- C-24 Motor-driven roof blind motor (Rear-R.H.)
- C-25 No connection
- C-26 } Roof wiring harness and tailgate wiring harness combination
- thru } —
- C-29 } —
- C-30 Defogger (-)
- C-31 Rear speaker (R.H.)
- C-32 Rear door switch
- C-33 Defogger (+)
- C-34 —

- C-35 Rear wiper motor
- C-36 Tailgate lock actuator
- C-37 Door switch wiring harness and roof wiring harness combination
- C-38 Tailgate wiring harness and defogger cable (+) combination
- C-39 Rear combination lamp (R.H.)
- C-40 —
- C-41 Rear washer motor
- C-42 Door switch wiring harness and roof wiring harness combination or rear door switch
- C-43 —
- C-44 Licence plate lamp (R.H.)
- C-45 Tailgate lock wiring harness and tailgate wiring harness combination
- C-46 Tailgate switch



36G0160

- C-47 Licence plate lamp (L.H.)
- C-48 Rear combination lamp (L.H.)
- C-49 Rear fog lamp
- C-50 —
- C-51 Rear speaker wiring harness and roof wiring harness combination
- C-52 —
- C-53 Rear speaker (L.H.)
- C-54 —
- C-55 No connection
- C-56 Rear heater blower control
- C-57 Rear heater blower sub switch
- C-58 } Rear cigarette lighter
- C-59 }

- C-60 Rear cigarette lighter illumination lamp
- C-61 } —
- thru } —
- C-68 }

Remarks

- (1) "—" means that the connector with corresponding code-number is not used.
- (2) The \* symbol indicates vehicles with rear speaker.



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NOTES

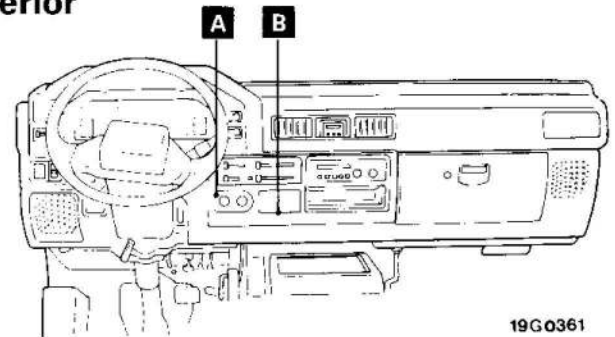
### 3 SINGLE PART INSTALLATION POSITION

RELAY MOUNTING LOCATIONS .....	3- 2
SENSOR MOUNTING LOCATIONS .....	3- 2
EARTH MOUNTING LOCATIONS .....	3- 3

# RELAY MOUNTING LOCATIONS

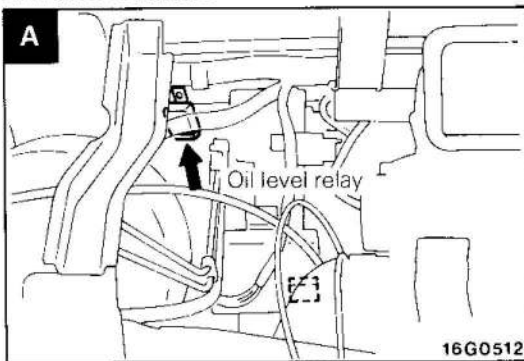
Name	Symbol
Oil level relay	A
Headlamp relay (for upper beam) <Vehicles with two bulb united type headlamp>	B

## Interior



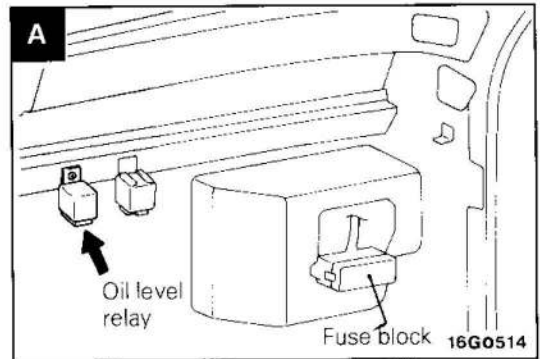
19G0361

### L.H. drive vehicles

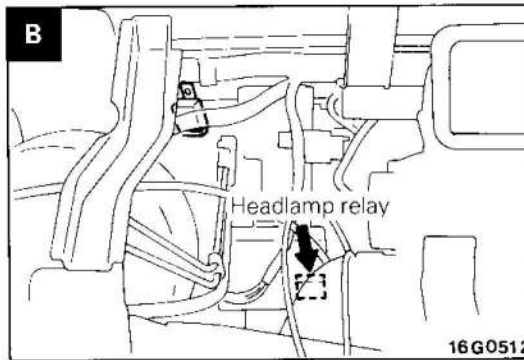


16G0512

### R.H. drive vehicles



16G0514

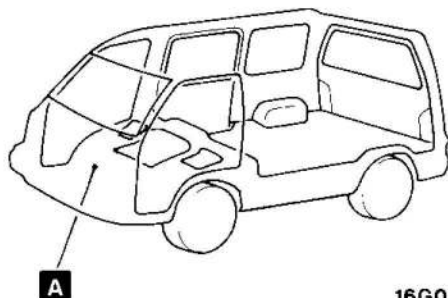


16G0512

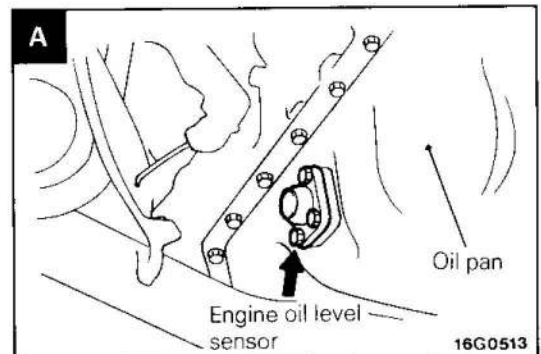
# SENSOR MOUNTING LOCATIONS

Name	Symbol
Engine oil level sensor	A

## Lower Section of Engine

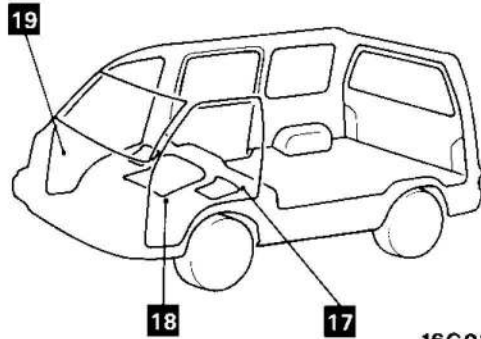


16G0324

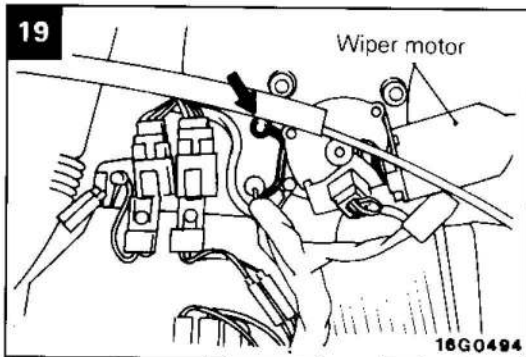
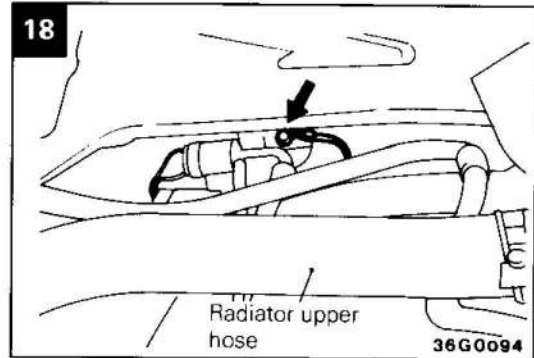
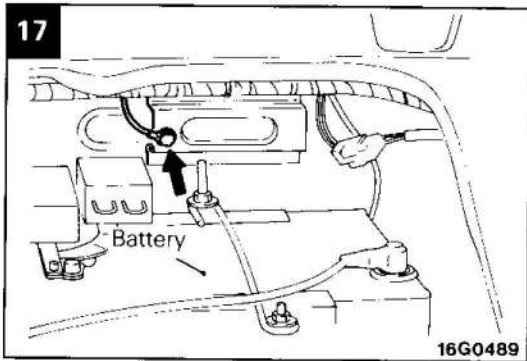


16G0513

# EARTH MOUNTING LOCATIONS



16G0324



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NOTES

## 4 CIRCUIT DIAGRAM

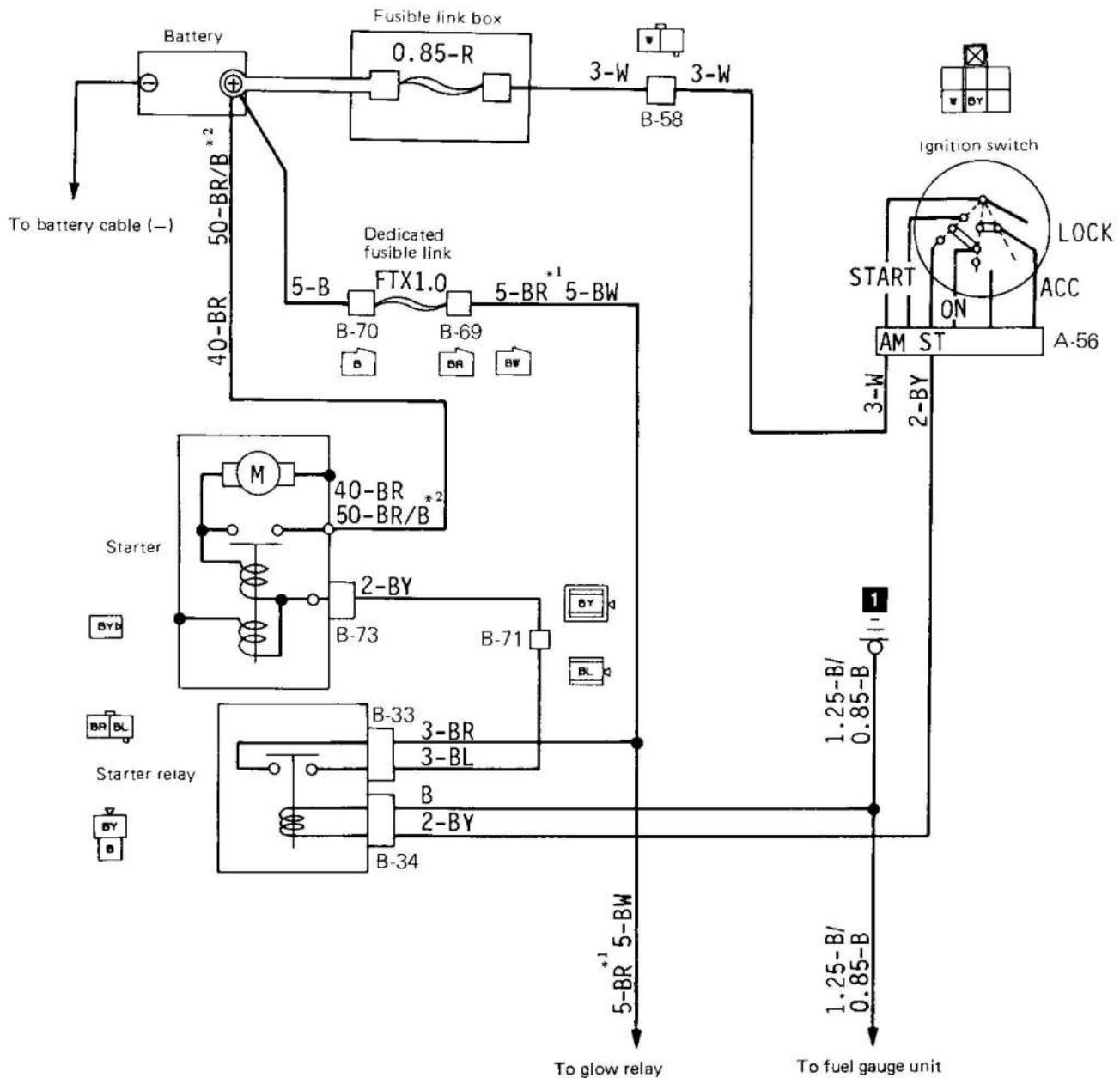
<b>1 STARTING CIRCUIT</b>	
1-2 Diesel-powered vehicles .....	4- 3
<b>2 IGNITION CIRCUIT</b>	
2-2 Vehicles with MPI .....	4- 4
<b>3 CHARGING CIRCUIT .....</b>	<b>4- 5</b>
<b>4 GLOW CIRCUIT</b>	
4-1 Auto glow type .....	4- 6
4-2 Super quick glow type .....	4- 8
<b>5 CARBURETOR CONTROL CIRCUIT</b>	
5-1 Vehicles without cold mixture heater .....	4-11
<b>6 FBC CIRCUIT .....</b>	<b>4-12</b>
<b>7 MPI CIRCUIT .....</b>	<b>4-14</b>
<b>8 HEADLAMP CIRCUIT</b>	
8-1 Vehicles without two bulb united type headlamp .....	4-16
8-2 Vehicles with two bulb united type headlamp .....	4-18
<b>9 DAYTIME RUNNING LAMP CIRCUIT</b>	
9-1 Vehicles without two bulb united type headlamp .....	4-20
9-2 Vehicles with two bulb united type headlamp .....	4-22
<b>10 DIM-DIP LAMP CIRCUIT .....</b>	<b>4-24</b>
<b>11 HEADLAMP LEVELING CIRCUIT .....</b>	<b>4-26</b>
<b>12 TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP CIRCUIT</b>	
12-1 Vehicles without daytime running lamp .....	4-29
12-2 Vehicles with daytime running lamp .....	4-30
<b>13 REAR FOG LAMP CIRCUIT</b>	
13-1 Vehicles without daytime running lamp .....	4-32
13-2 Vehicles with daytime running lamp .....	4-34
<b>14 ROOM LAMP CIRCUIT</b>	
14-1 Vehicles without crystal-light roof .....	4-36
14-2 Vehicles with crystal-light roof .....	4-38
<b>15 ILLUMINATION LAMP CIRCUIT .....</b>	<b>4-40</b>
<b>16 TURN-SIGNAL LAMP AND HAZARD LAMP CIRCUIT .....</b>	<b>4-42</b>
<b>17 STOP LAMP CIRCUIT .....</b>	<b>4-44</b>
<b>18 BACK-UP LAMP CIRCUIT .....</b>	<b>4-45</b>
<b>19 HORN CIRCUIT .....</b>	<b>4-46</b>
<b>20 METER AND GAUGE CIRCUIT</b>	
20-1 Petrol-powered vehicles with carburetor .....	4-47
20-2 Petrol-powered vehicles with MPI .....	4-48
20-3 Diesel-powered vehicles .....	4-49
20-4 Engine oil level warning .....	4-50
<b>21 POWER WINDOW CIRCUIT .....</b>	<b>4-52</b>
<b>22 CENTRAL LOCKING CIRCUIT</b>	
22-1 Rear door and tailgate .....	4-55
22-2 All doors and tailgate .....	4-56
<b>23 HEATER CIRCUIT</b>	
23-1 5-door models .....	4-58
23-2 4-door models .....	4-60
<b>24 AIR CONDITIONER CIRCUIT</b>	
24-1 Front type (Petrol-powered vehicles) .....	4-62
24-2 Front type (Diesel-powered vehicles) .....	4-64
24-3 Front type (Petrol-powered vehicles with large compressor) .....	4-66
24-4 Front and overhead type (Petrol-powered vehicles) .....	4-68
24-5 Front and overhead type (Diesel-powered vehicles) .....	4-71
<b>25 DEFOGGER CIRCUIT .....</b>	<b>4-74</b>
<b>26 WIPER AND WASHER CIRCUIT</b>	
26-2 Vehicles with rear wiper .....	4-75
<b>27 HEADLAMP WASHER CIRCUIT .....</b>	<b>4-77</b>
<b>28 AUDIO CIRCUIT</b>	
28-1 5-door models .....	4-78
28-2 4-door models .....	4-79
<b>29 CIGARETTE LIGHTER AND CLOCK CIRCUIT .....</b>	<b>4-80</b>
<b>30 SUNROOF CIRCUIT .....</b>	<b>4-81</b>
<b>31 MOTOR DRIVEN ROOF BLIND CIRCUIT .....</b>	<b>4-82</b>
<b>32 AUTO-CRUISE CONTROL CIRCUIT .....</b>	<b>4-84</b>
<b>33 HEATED SEAT CIRCUIT .....</b>	<b>4-86</b>
<b>34 REMOTE CONTROLLED MIRROR CIRCUIT .....</b>	<b>4-88</b>
<b>35 CENTRALIZED JUNCTION .....</b>	<b>4-89</b>

NOTES



# 1 STARTING CIRCUIT

## 1-2 Diesel-powered vehicles



37G0046

**Remarks**

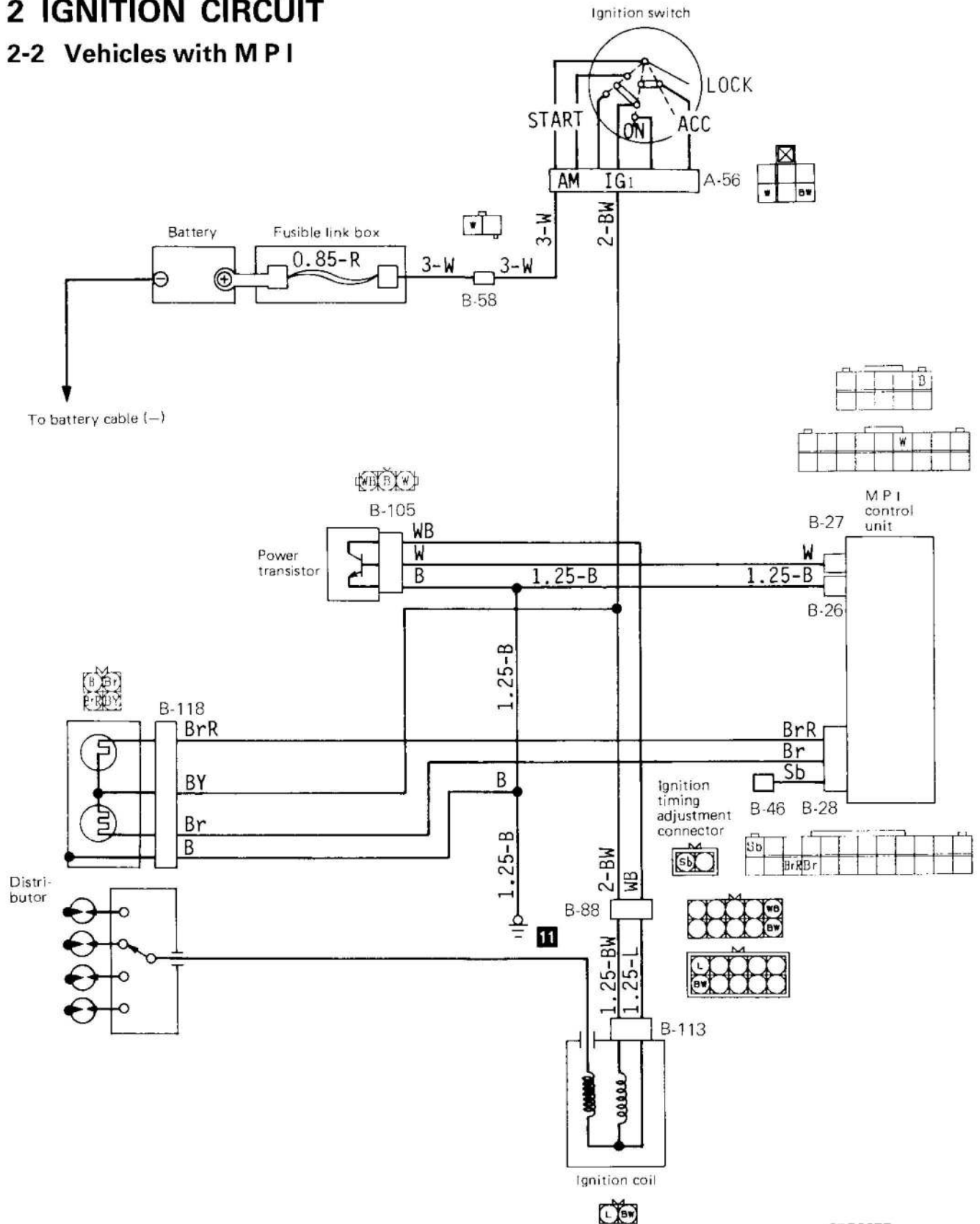
- (1) The \*1 symbol wire diameters and colour codes are applicable to vehicles with super-quick glow.
- (2) The \*2 symbol wire diameters and colour codes are applicable to vehicles with 2 batteries.
- (3) Wires identified before "/" are installed on L.H. drive vehicles and those after "/" on R.H. drive vehicles.

**Wire colour code**

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green	
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White	Y: Yellow

## 2 IGNITION CIRCUIT

### 2-2 Vehicles with M P I

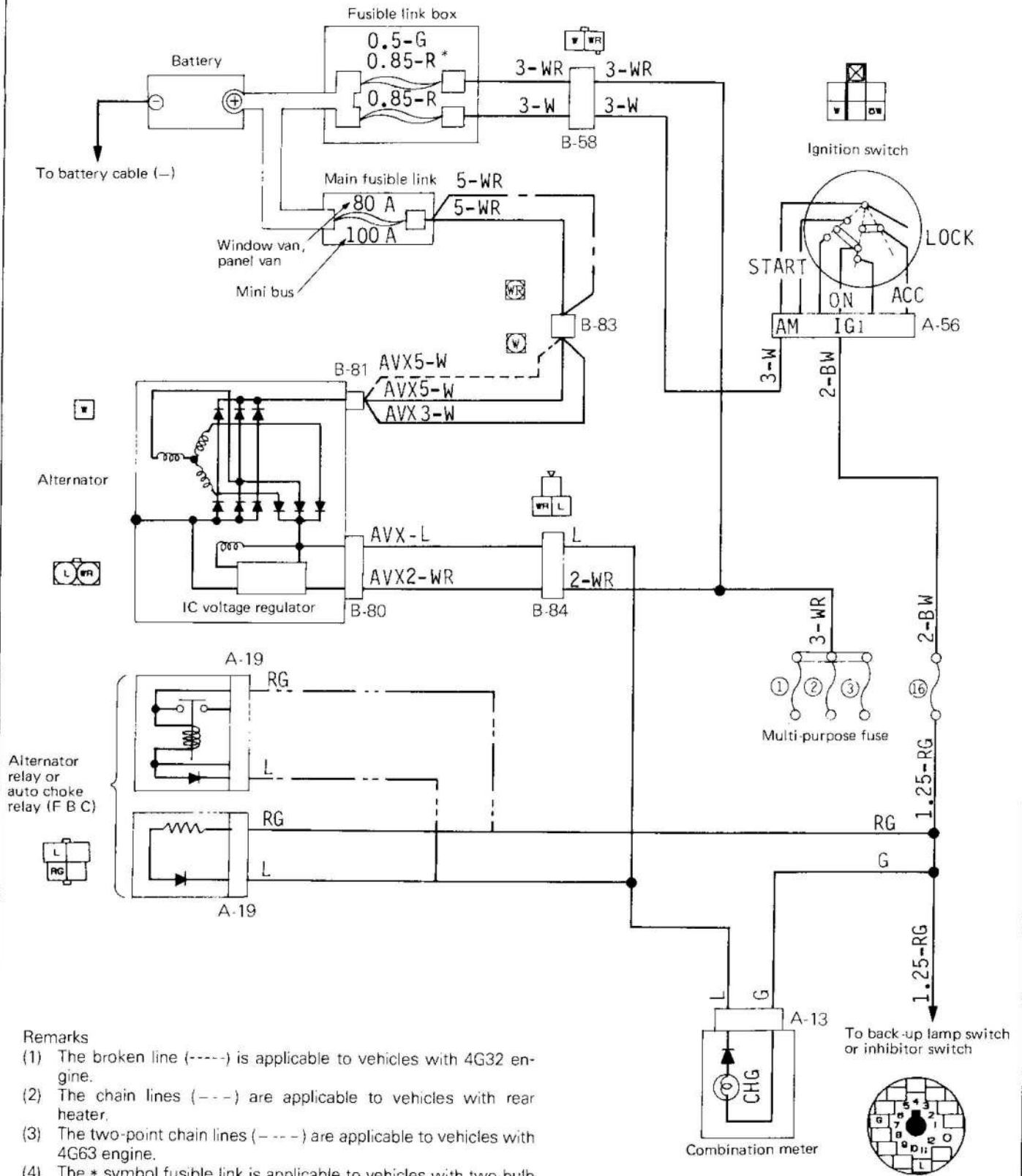


37G0277

Wire colour code

- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |

### 3 CHARGING CIRCUIT



**Remarks**

- (1) The broken line (----) is applicable to vehicles with 4G32 engine.
- (2) The chain lines (---) are applicable to vehicles with rear heater.
- (3) The two-point chain lines (- - -) are applicable to vehicles with 4G63 engine.
- (4) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.

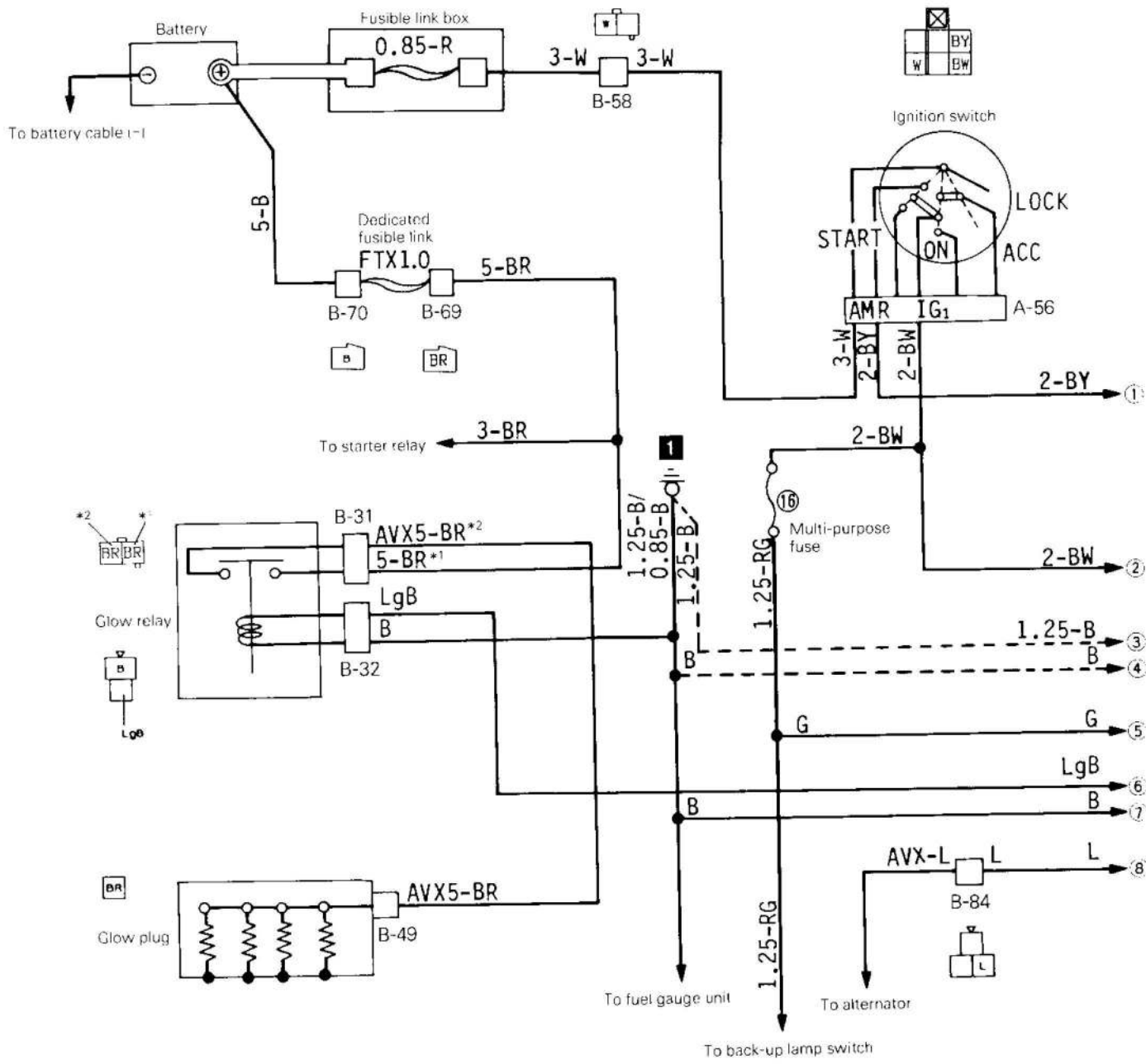
**Wire colour code**

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White
				Y: Yellow	

37G0284

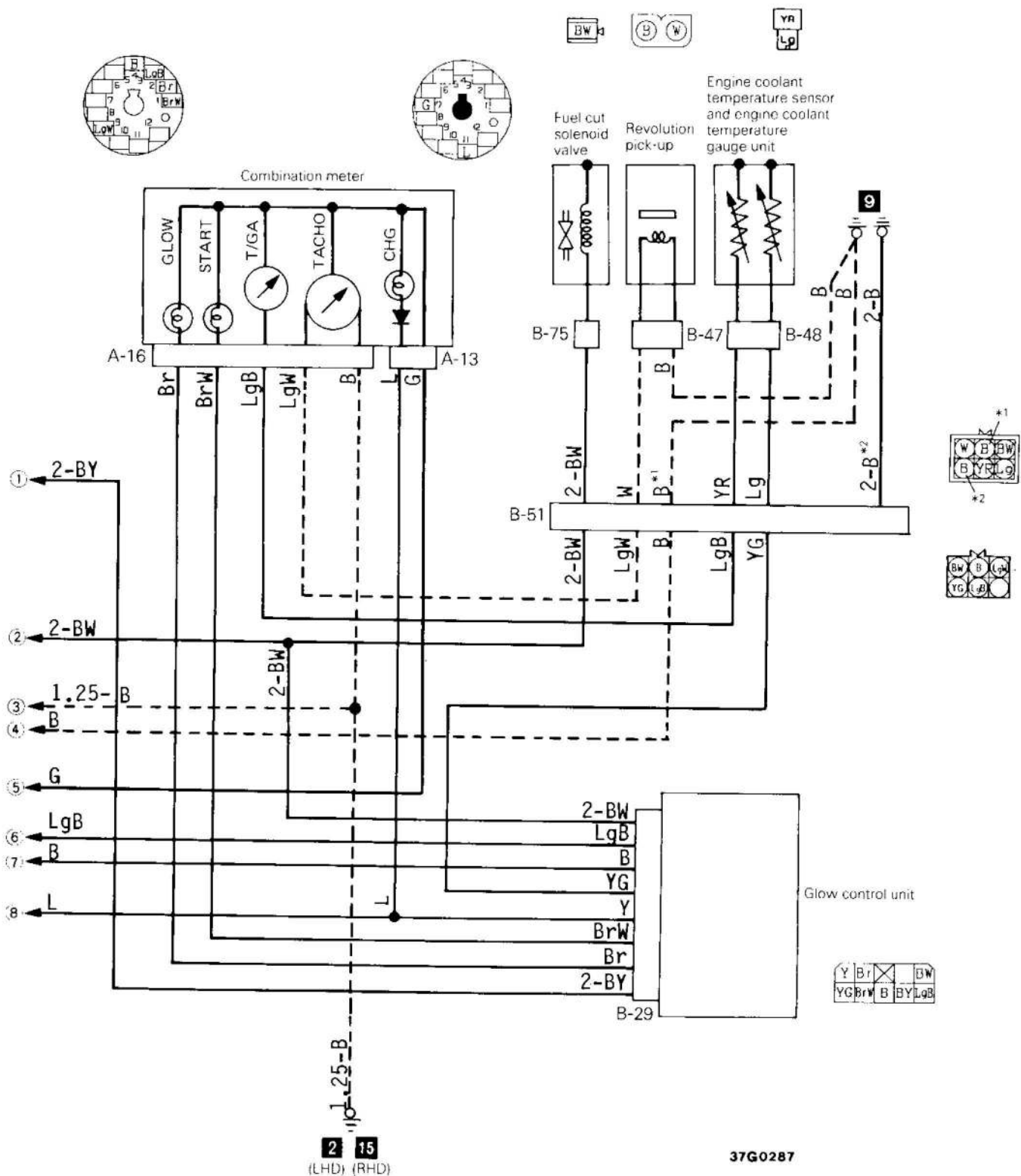
# 4 GLOW CIRCUIT

## 4-1 Auto glow type



**Remarks**

- (1) The broken lines (----) are applicable to vehicles with tachometer.
- (2) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)
- (3) Wires identified before "/" are installed on L.H. drive vehicles and those after "/" on R.H. drive vehicles.



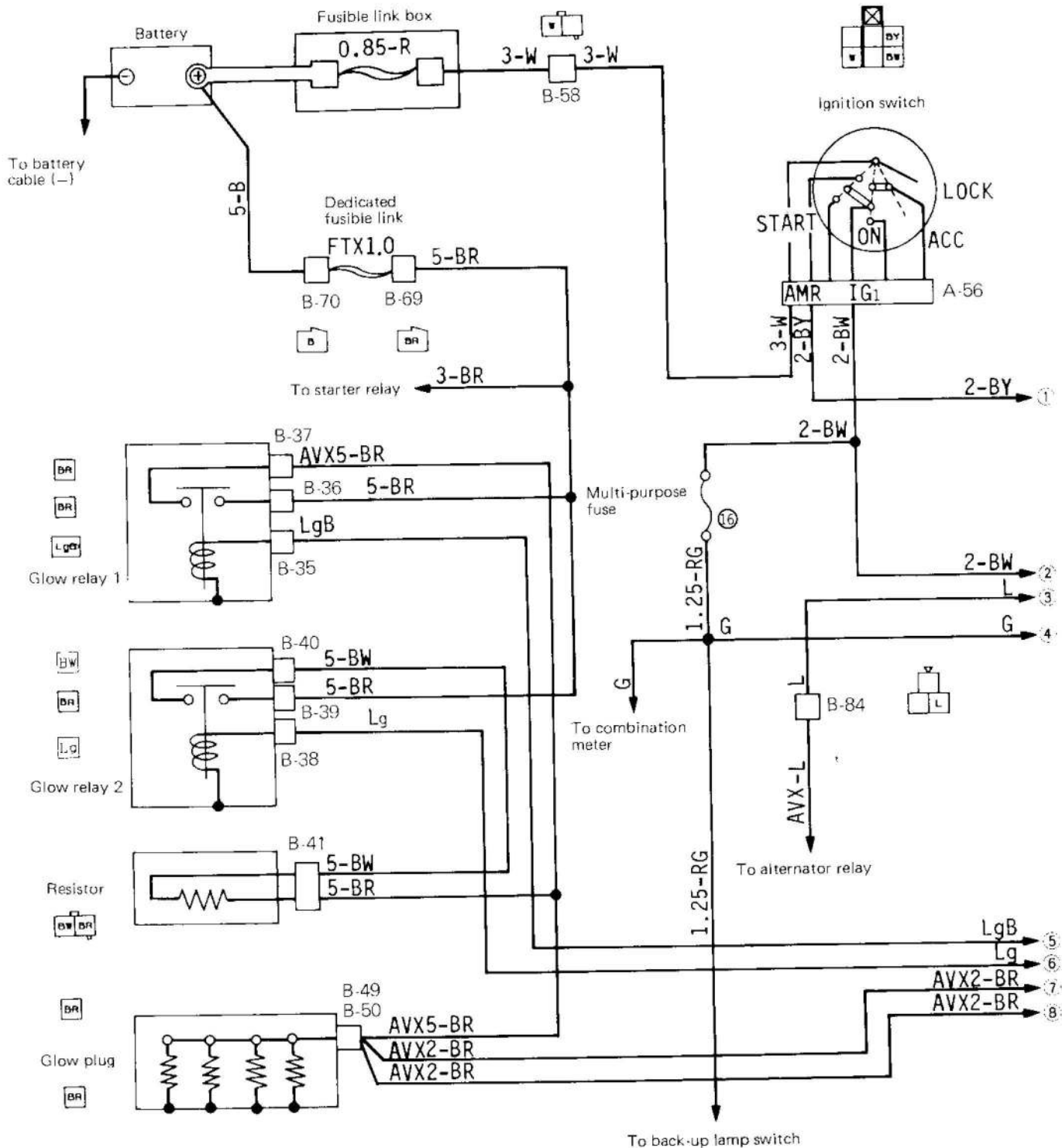
2 15  
(LHD) (RHD)

37G0287

Wire colour code

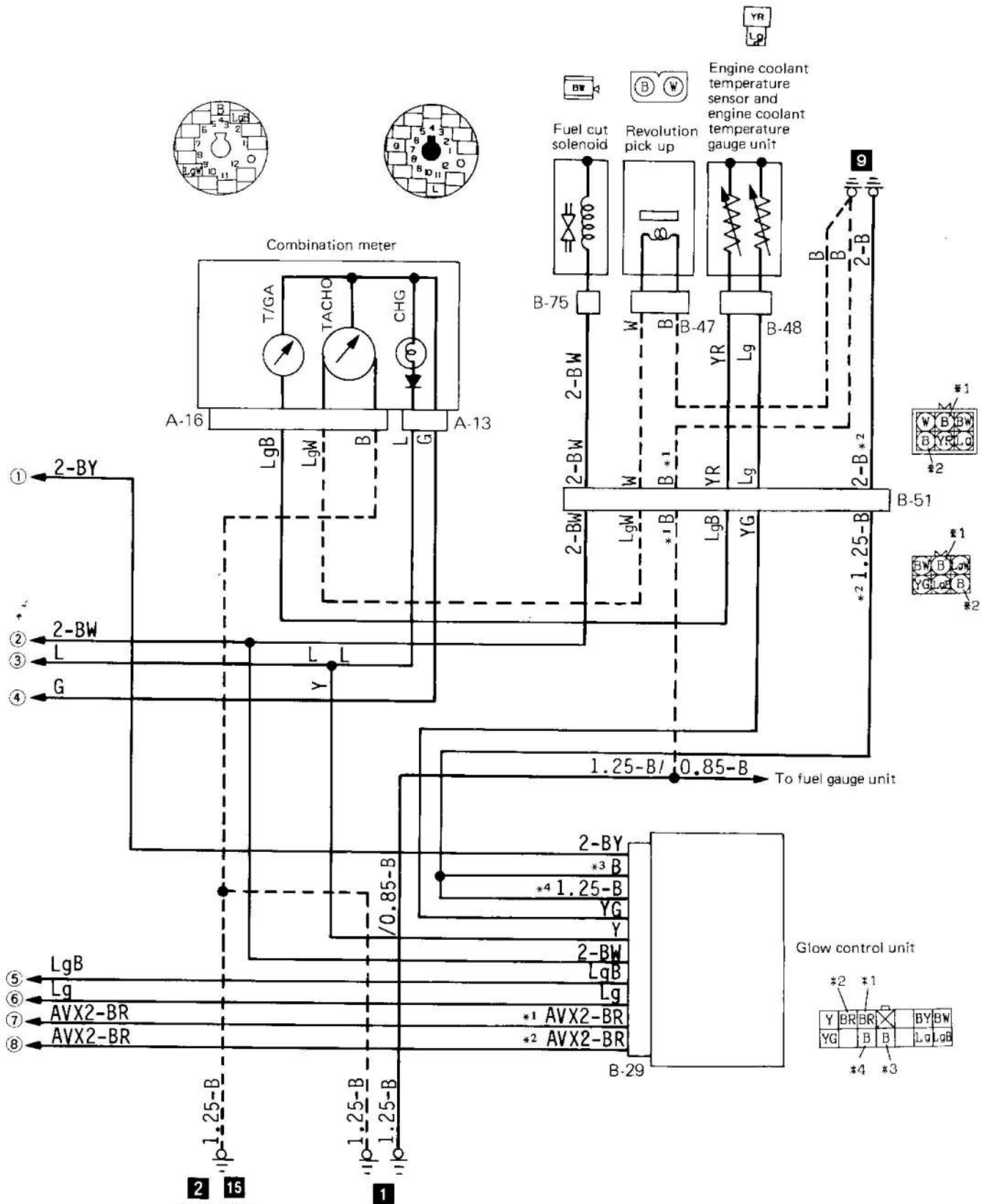
- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |

4-2 Super quick glow type



Remarks

- (1) The broken lines (----) are applicable to vehicles with tachometer.
- (2) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
(Thus, ① on the right page is connected to ① on the left page.)
- (3) Wires identified before "/" are installed on L.H. drive vehicles and those after "/" on R.H. drive vehicles.



**2** **15**  
(LHD) (RHD)

37G0294

Wire colour code

- |           |           |          |              |           |                 |          |
|-----------|-----------|----------|--------------|-----------|-----------------|----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |          |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | Y: Yellow       | W: White |



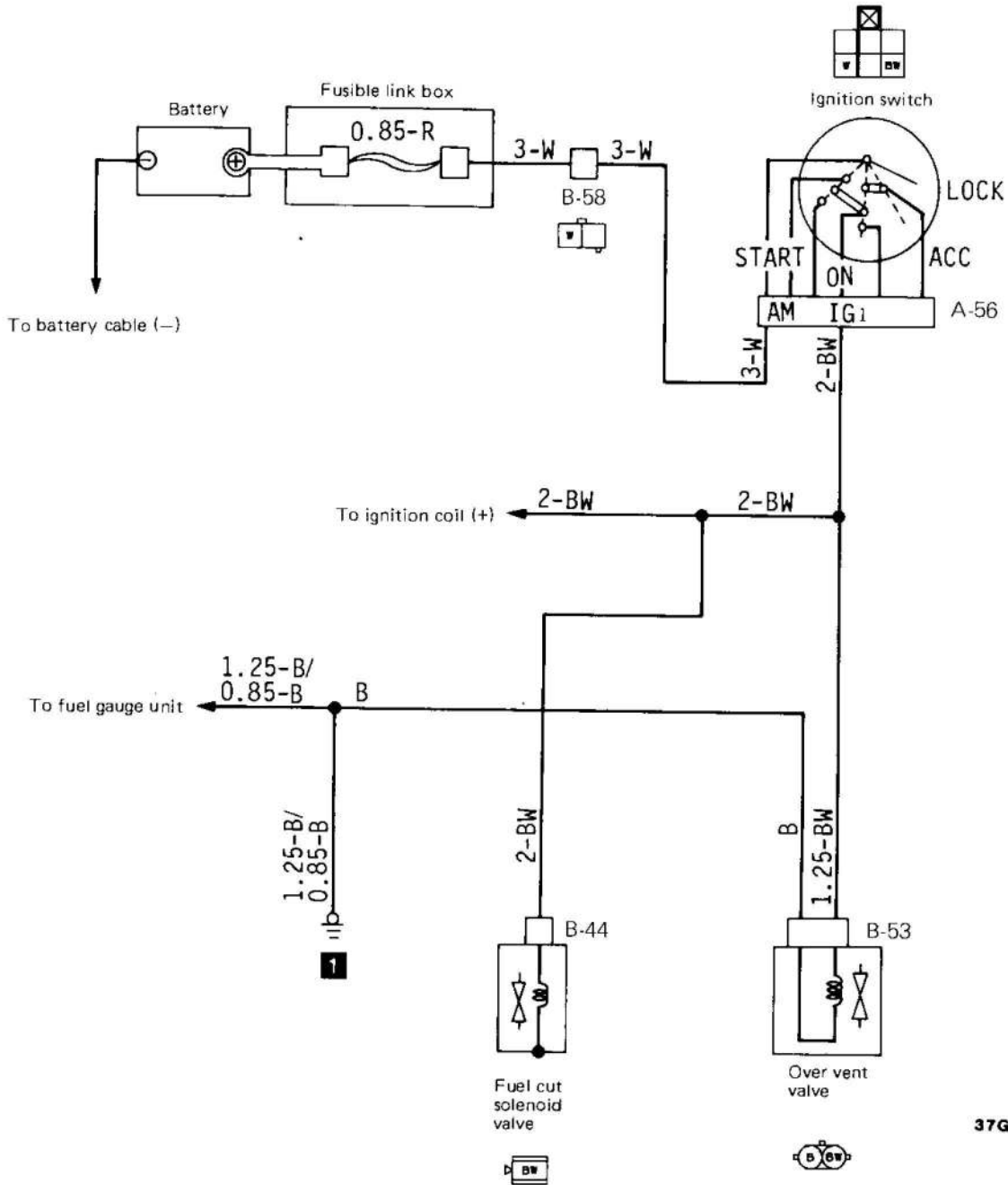
**4-10**

---

NOTES

### 5 CARBURETOR CONTROL CIRCUIT

#### 5-1 Vehicles without cold mixture heater



37G0061

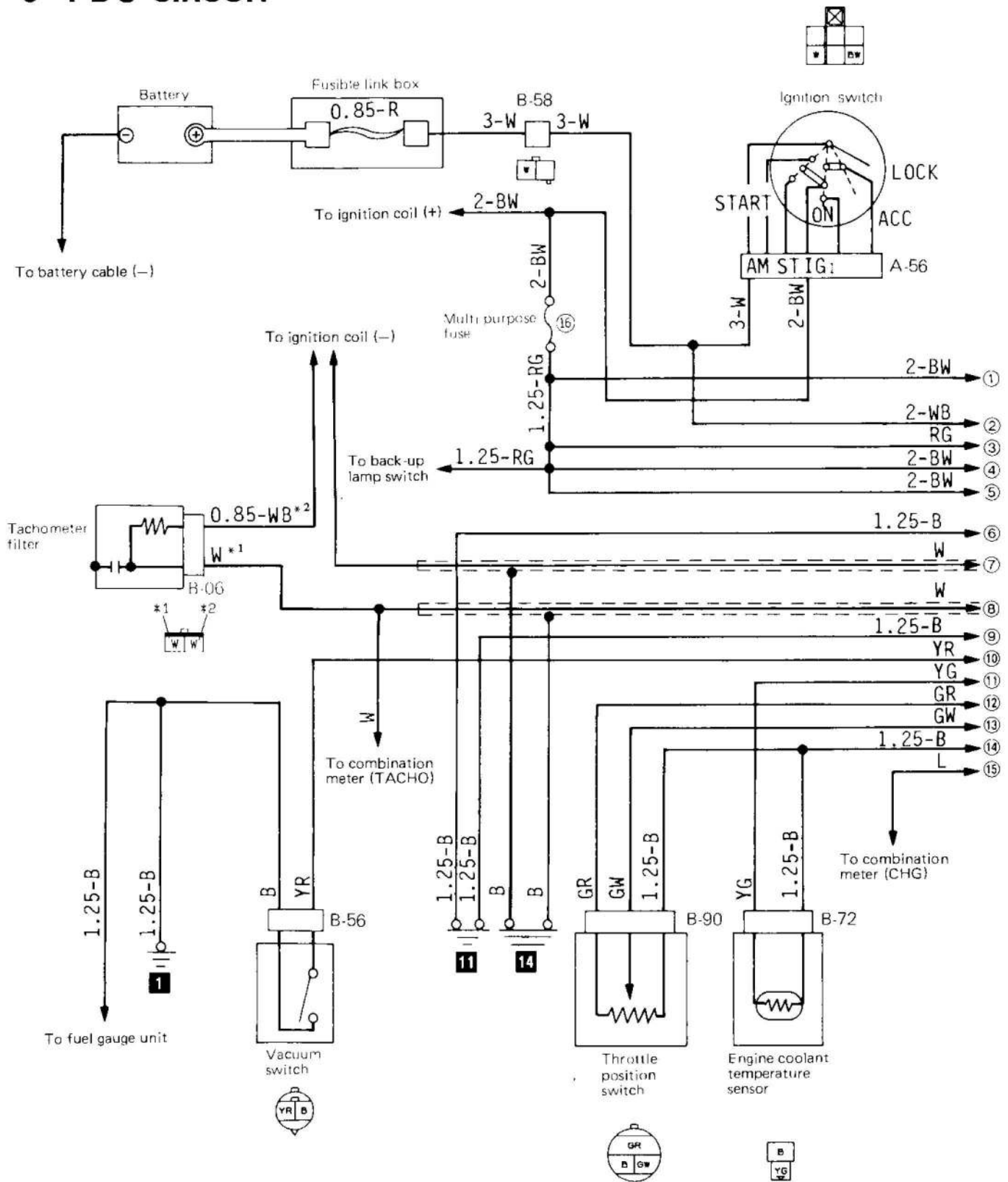
**Remark.**

Wires identified before "/" are installed on L.H. drive vehicles and those after "/" on R.H. drive vehicles.

**Wire colour code**

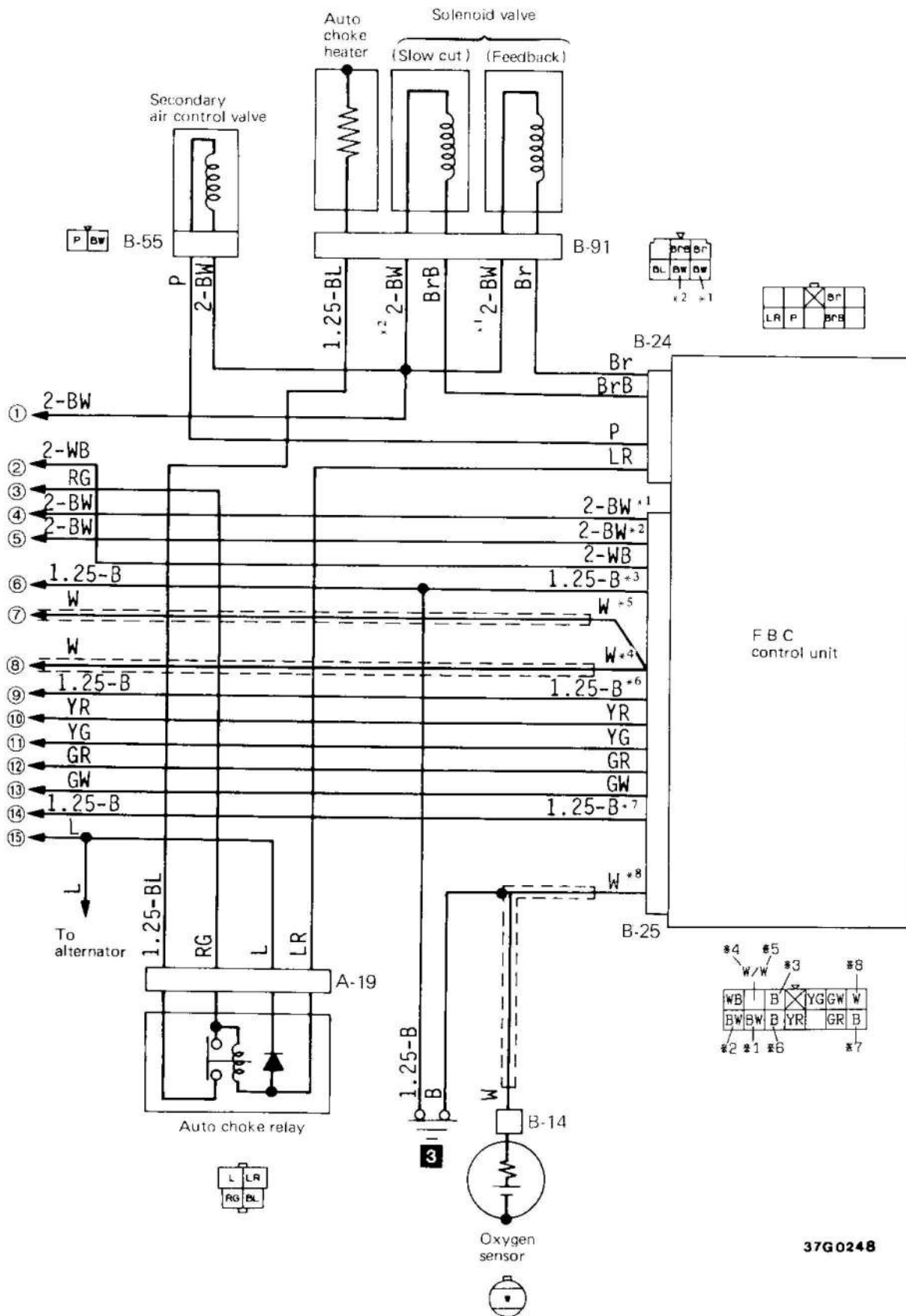
- |           |           |          |              |           |                 |
|-----------|-----------|----------|--------------|-----------|-----------------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | Y: Yellow       |
|           |           |          |              | W: White  |                 |

6 FBC CIRCUIT



Remarks

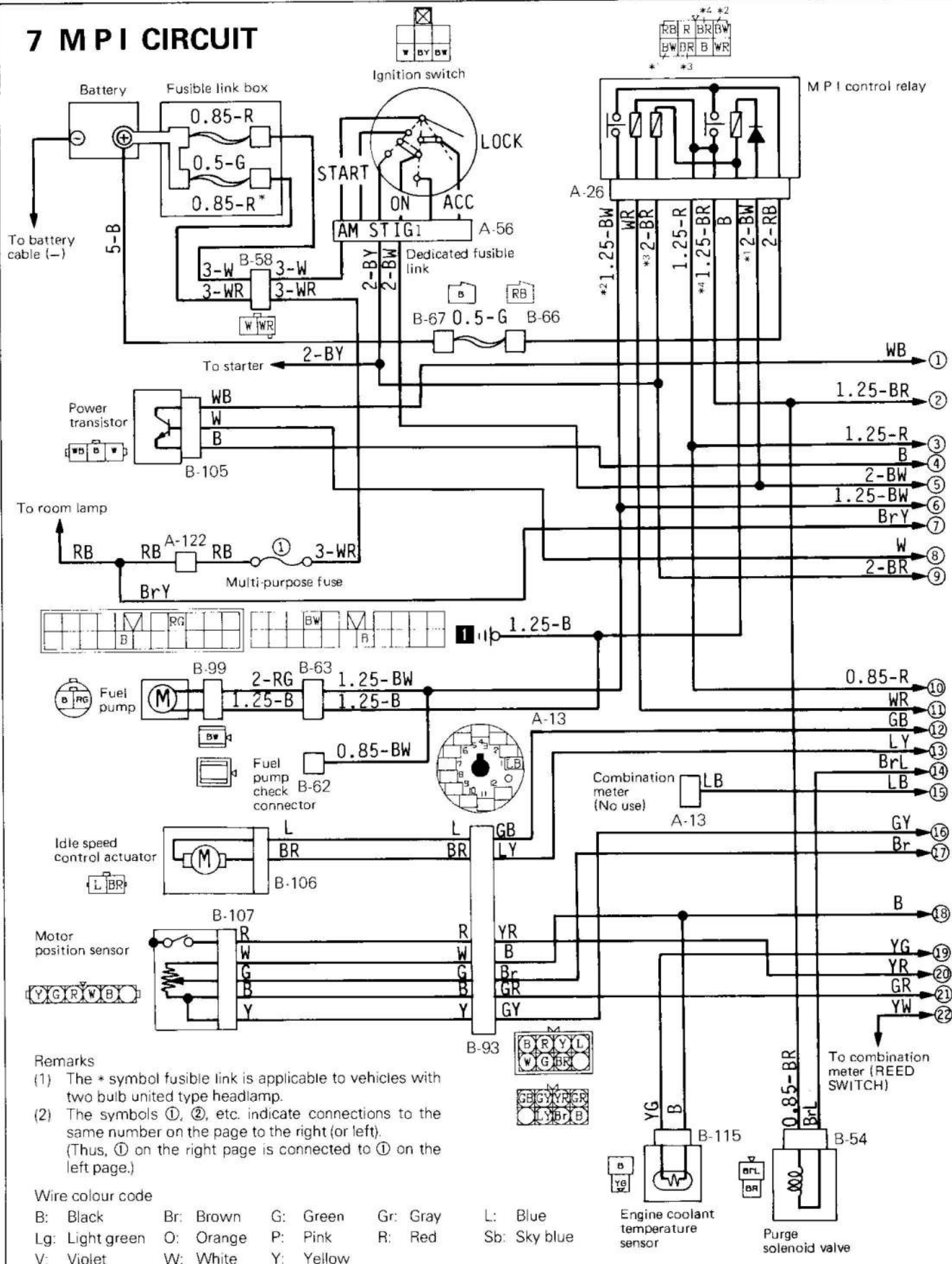
- (1) The \*5 symbol wire diameter and colour code are applicable to vehicles without tachometer.
- (2) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)



37G0248

Wire colour code  
 B: Black    Br: Brown    G: Green    Gr: Gray    L: Blue    Lg: Light green  
 O: Orange    P: Pink    R: Red    Sb: Sky blue    V: Violet    Y: Yellow    W: White

# 7 MPI CIRCUIT



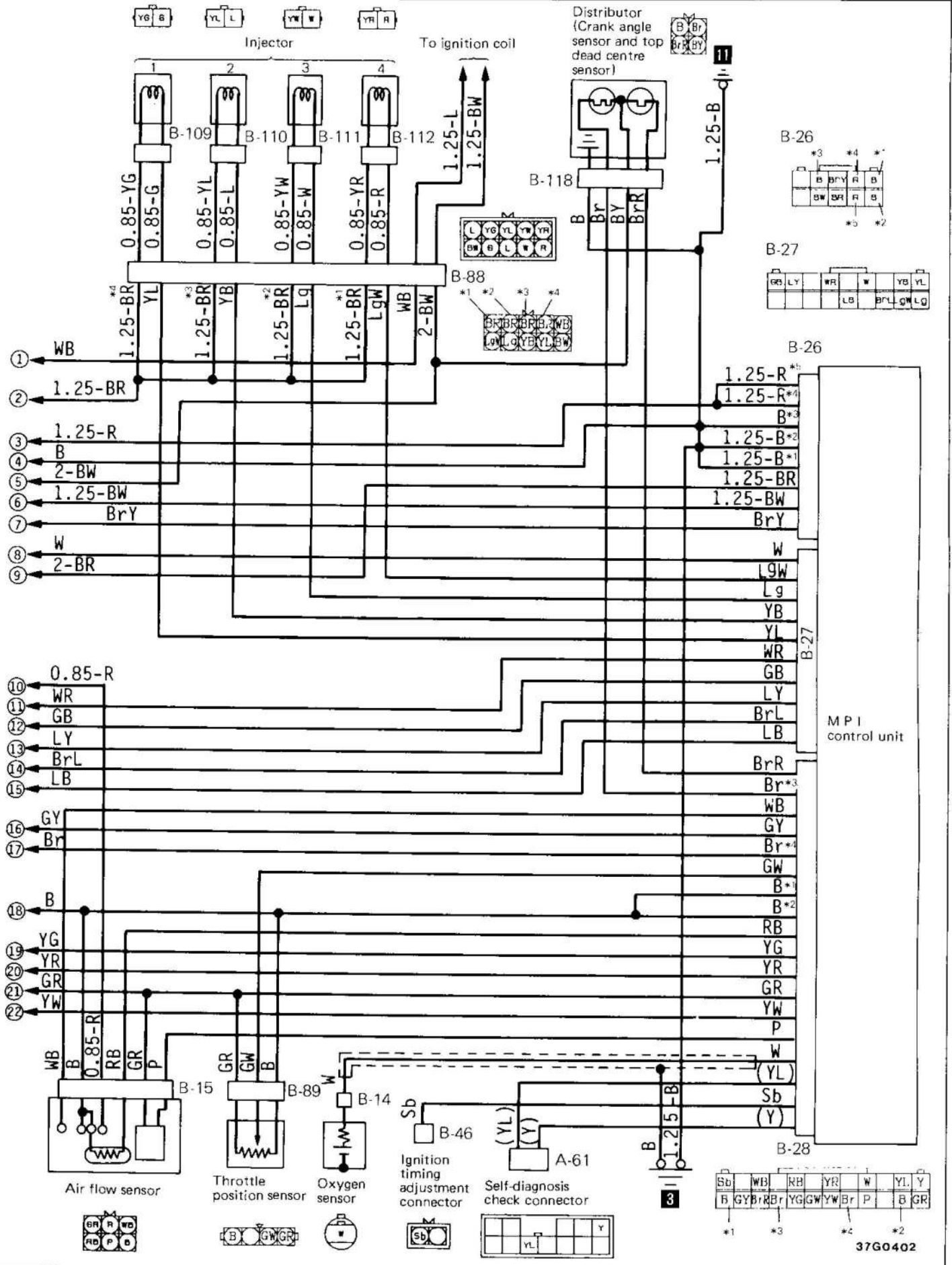
**Remarks**

(1) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.

(2) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)

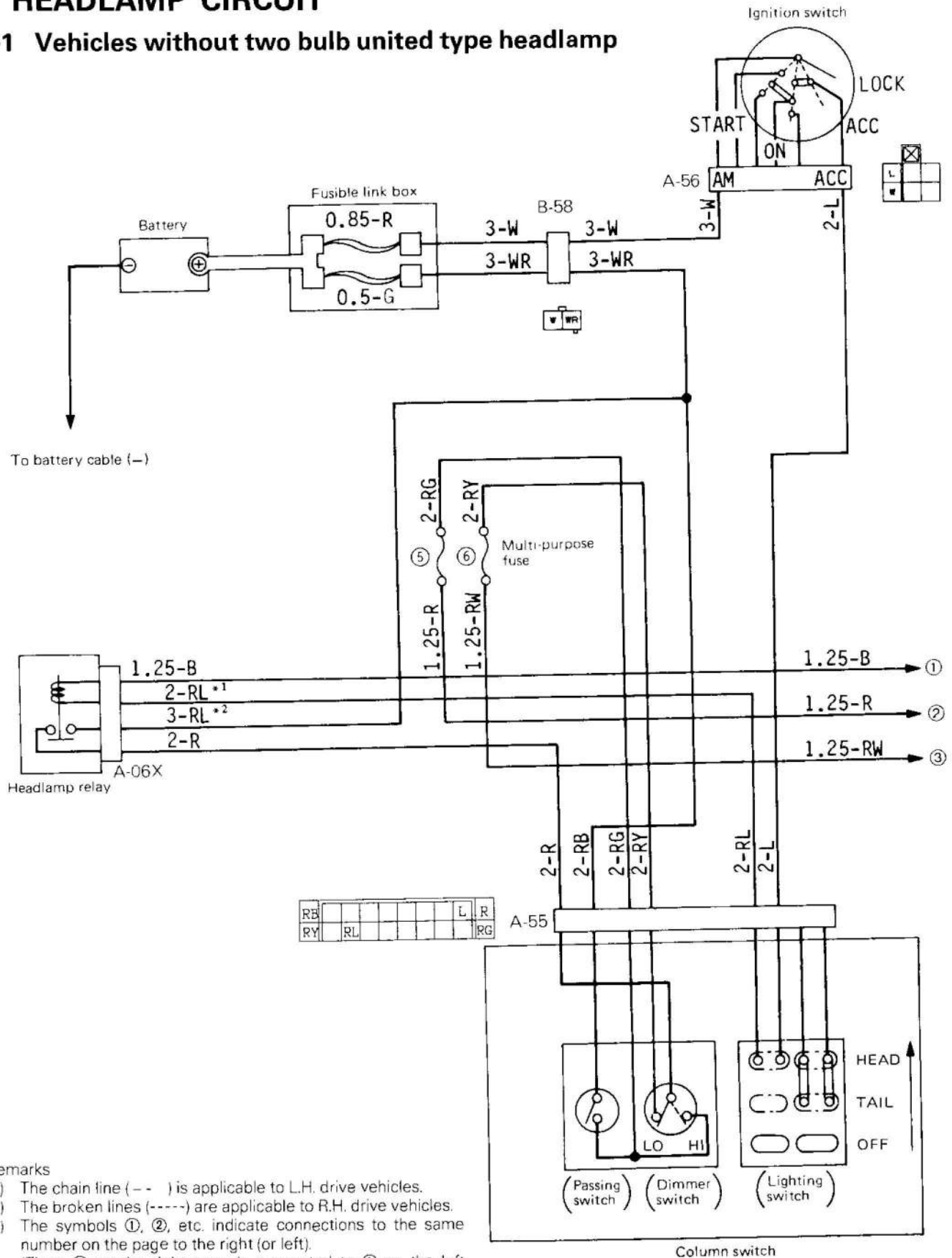
**Wire colour code**

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue
Lg: Light green	O: Orange	P: Pink	R: Red	Sb: Sky blue
V: Violet	W: White	Y: Yellow		



# 8 HEADLAMP CIRCUIT

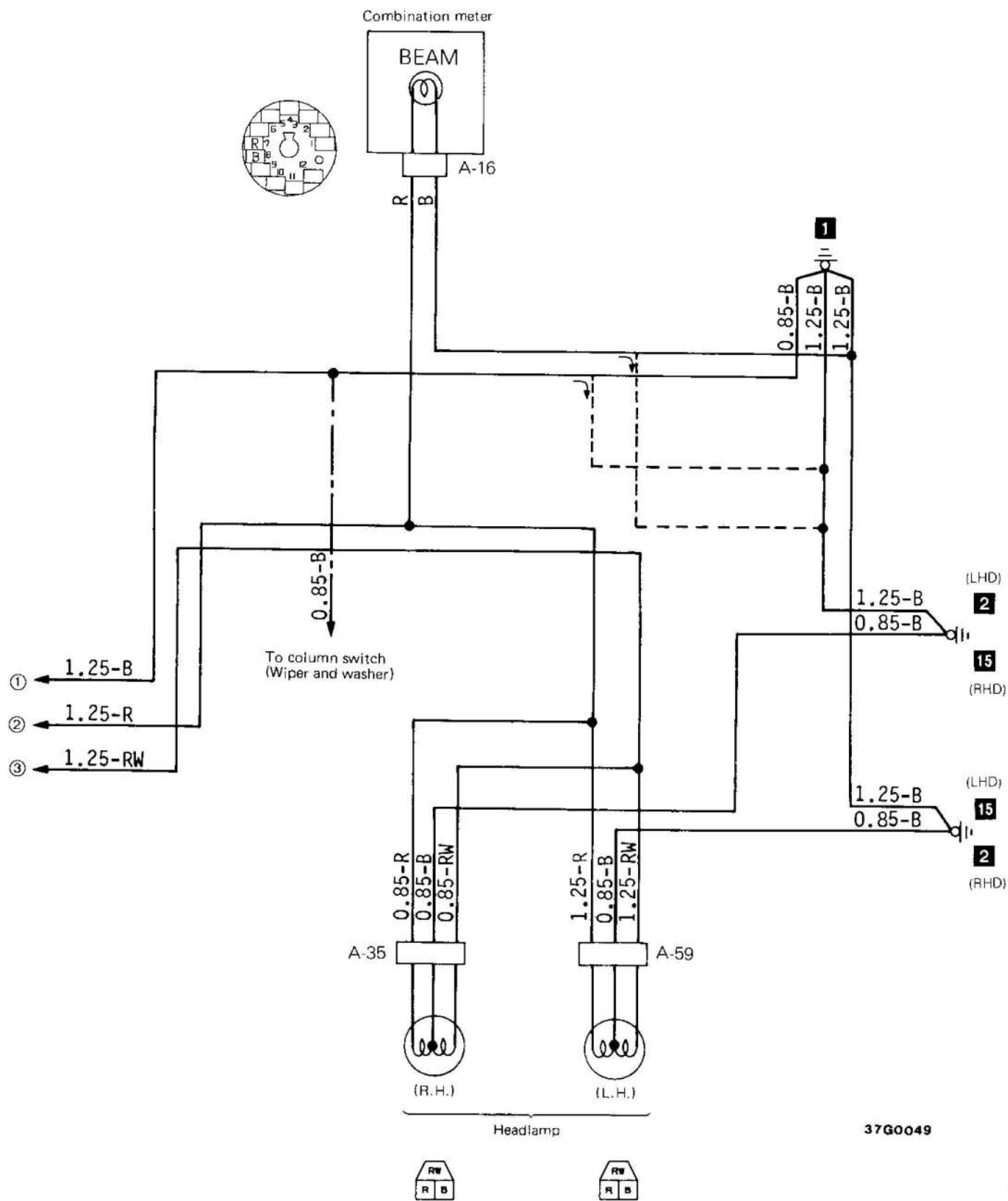
## 8-1 Vehicles without two bulb united type headlamp



**Remarks**

- (1) The chain line (---) is applicable to L.H. drive vehicles.
- (2) The broken lines (----) are applicable to R.H. drive vehicles.
- (3) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
(Thus, ① on the right page is connected to ① on the left page.)

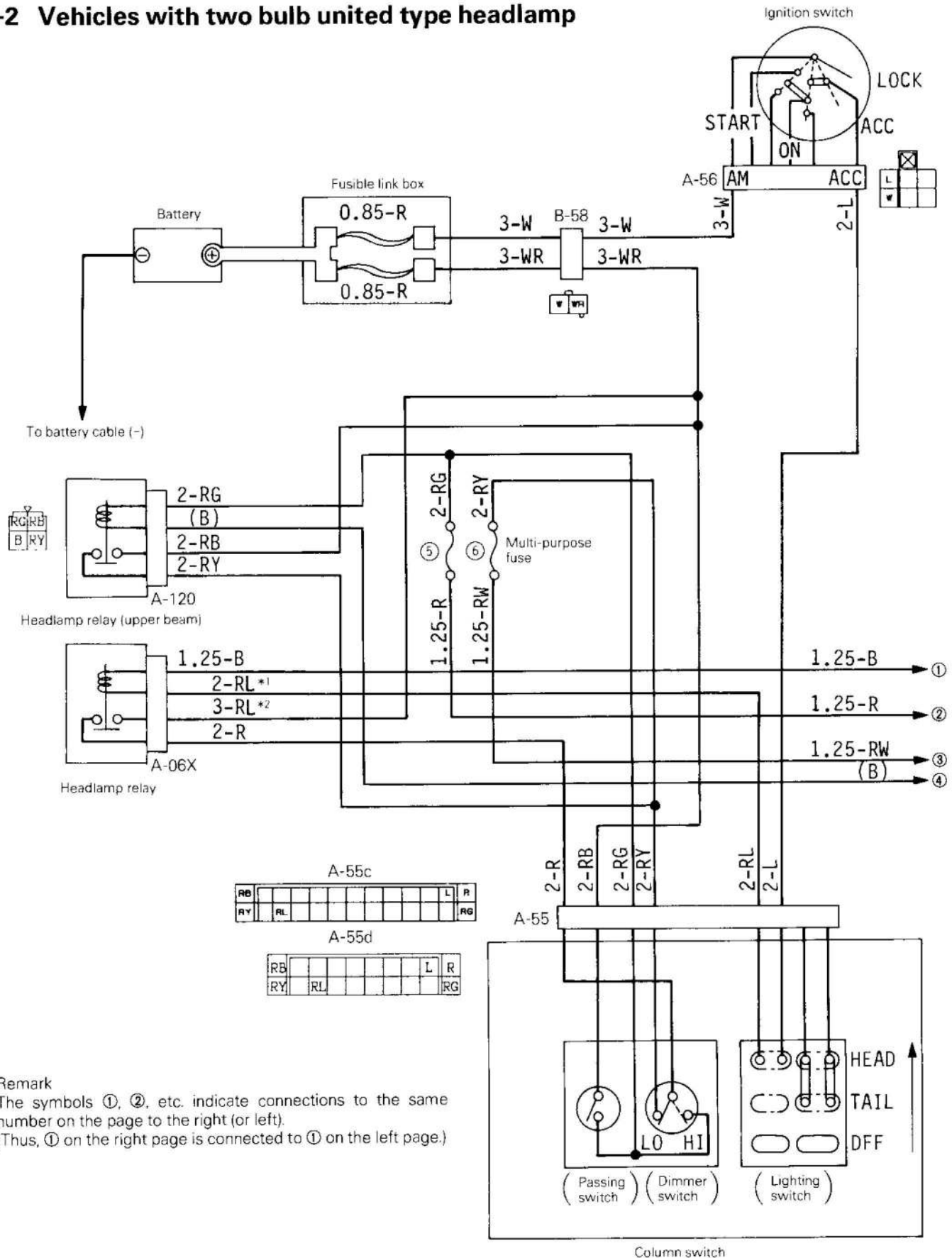




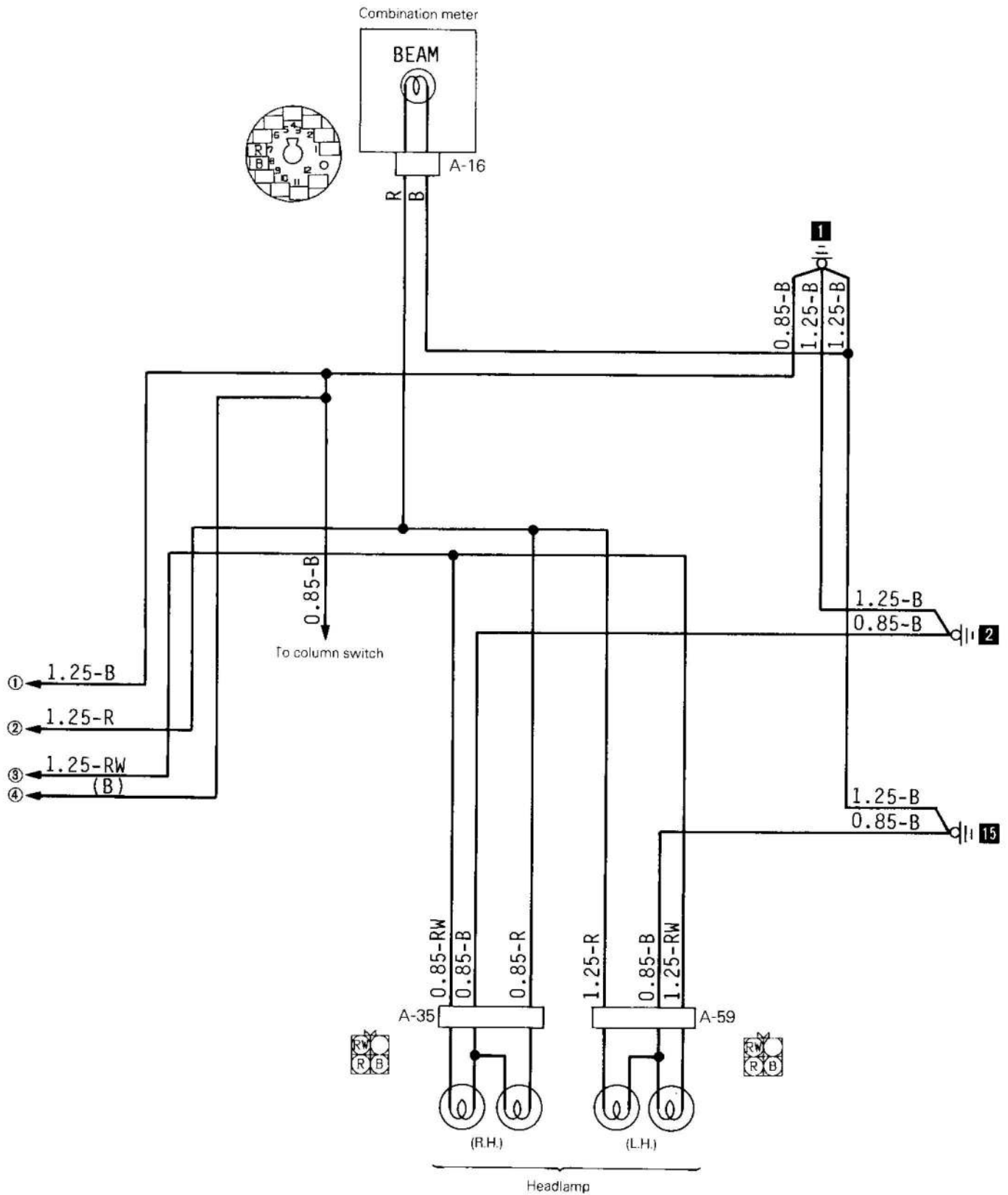
Wire colour code

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green	
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White	Y: Yellow

8-2 Vehicles with two bulb united type headlamp



**Remark**  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)

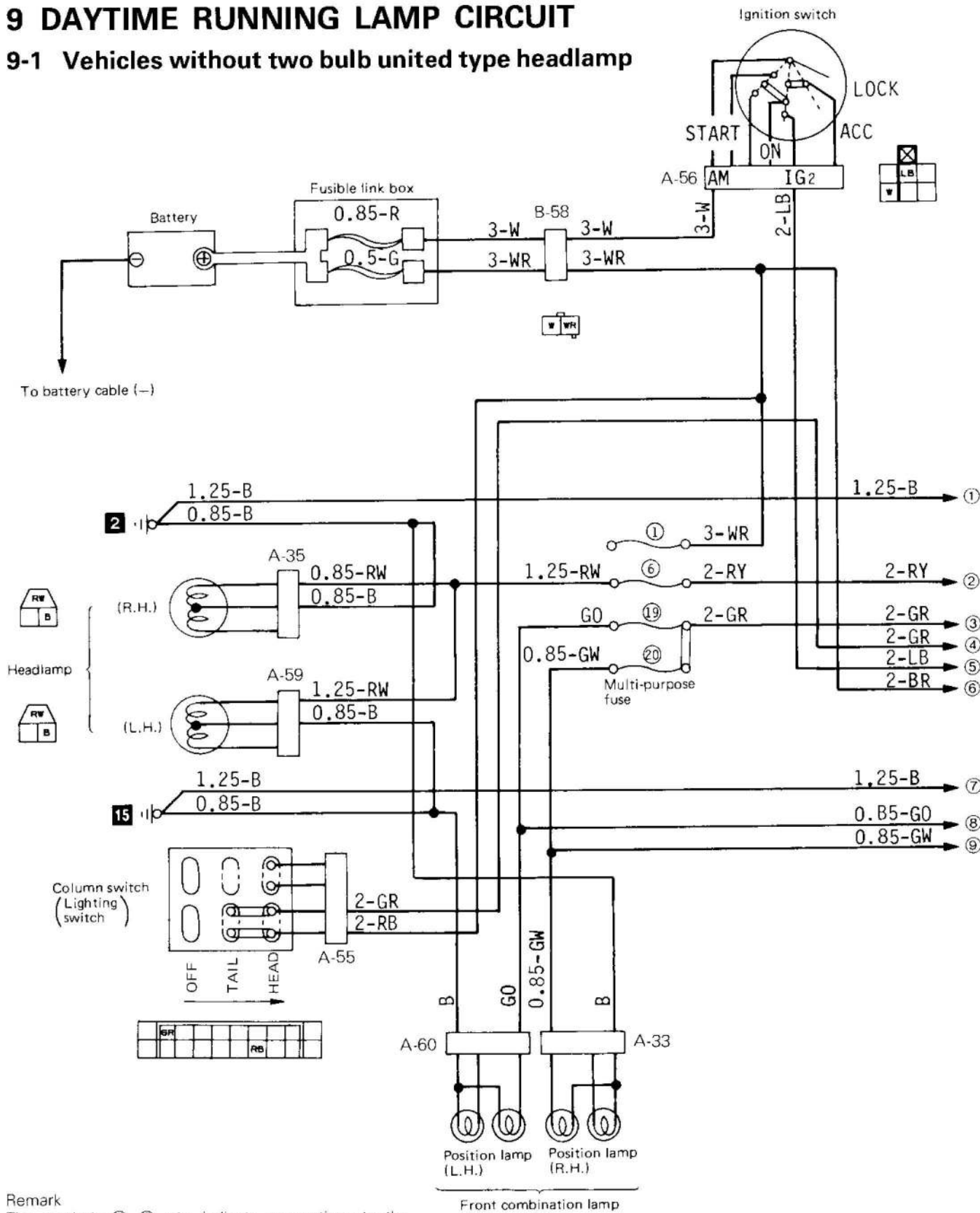


Wire colour code

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White
				Y: Yellow	

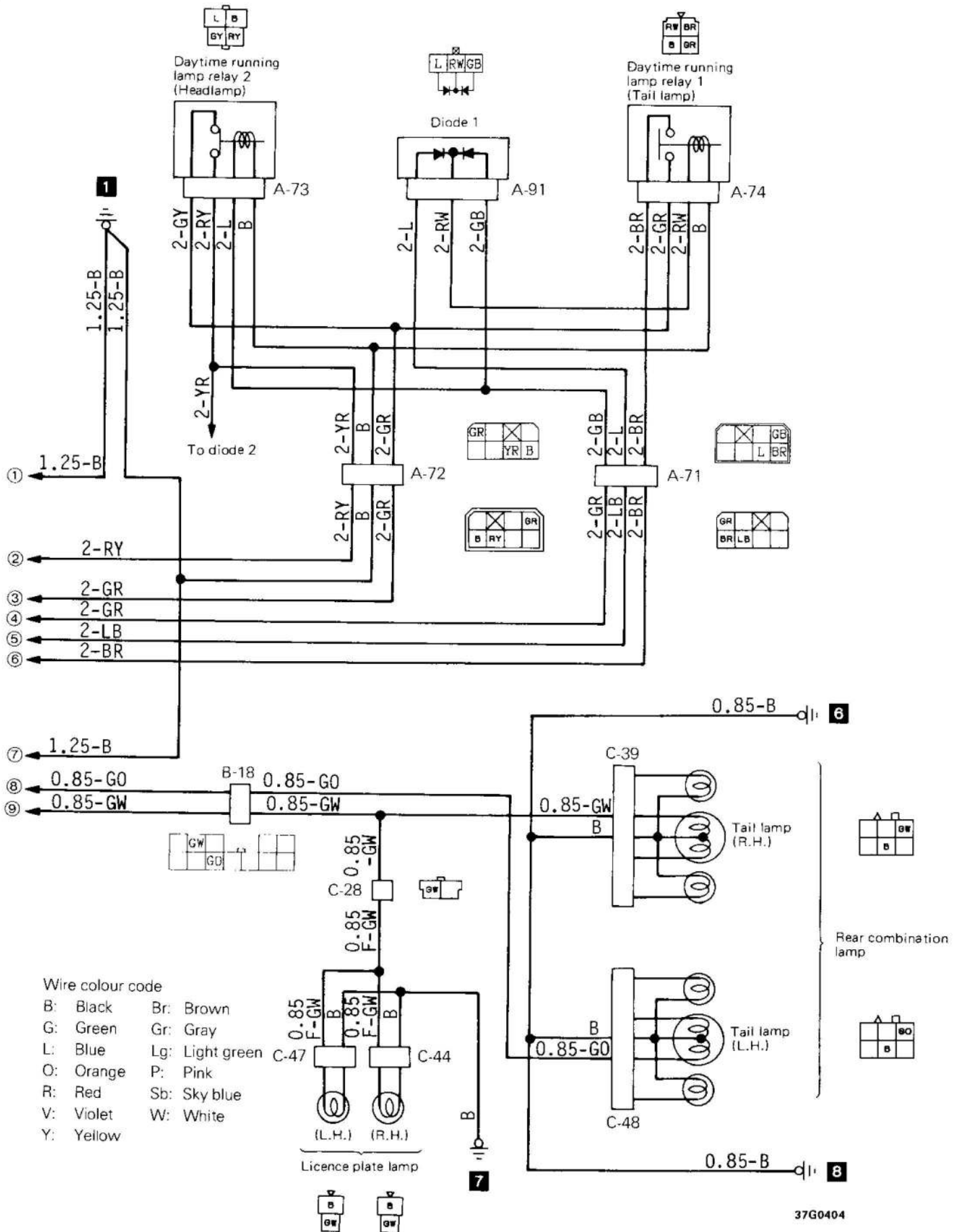
# 9 DAYTIME RUNNING LAMP CIRCUIT

## 9-1 Vehicles without two bulb united type headlamp

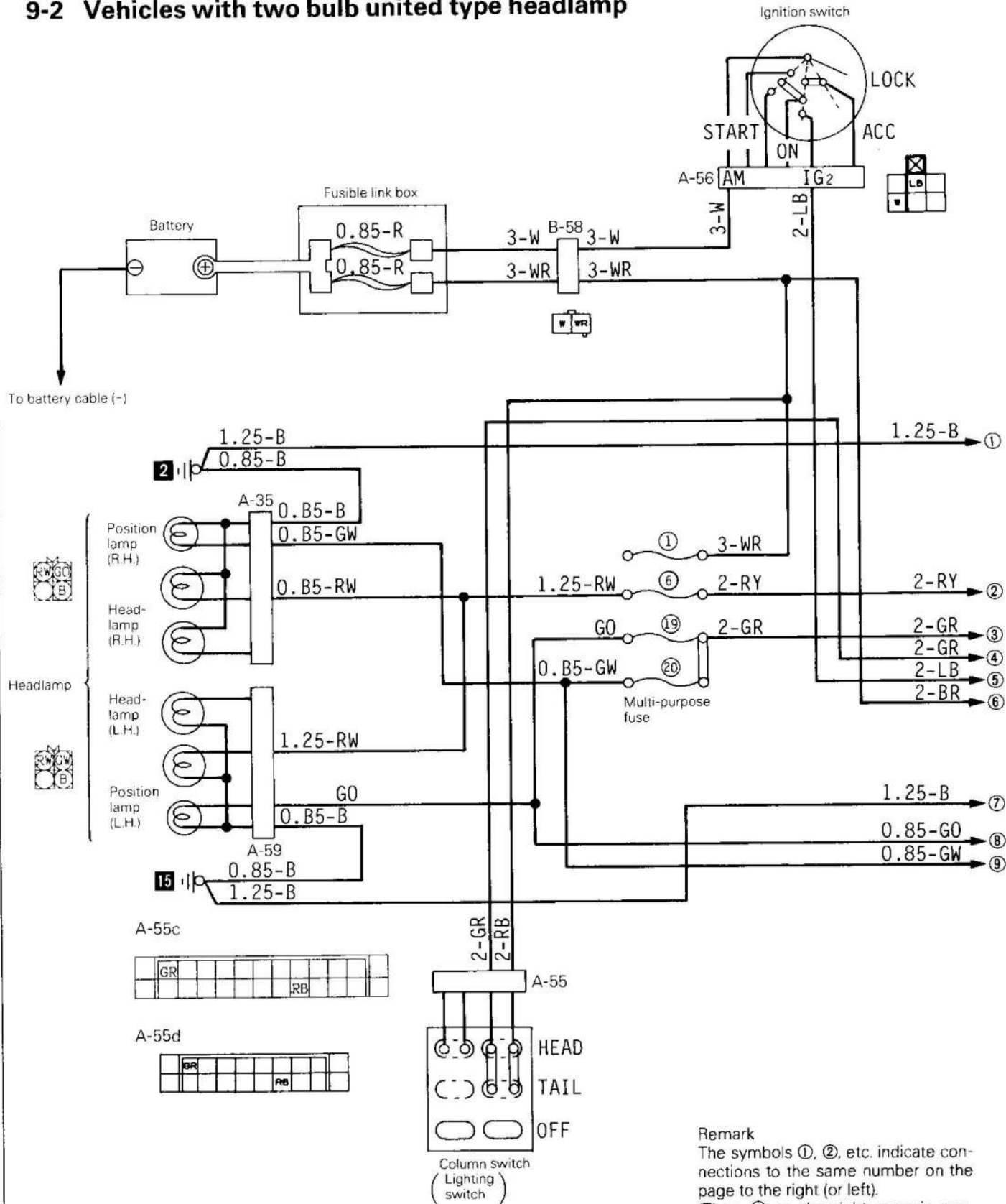


Remark  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)

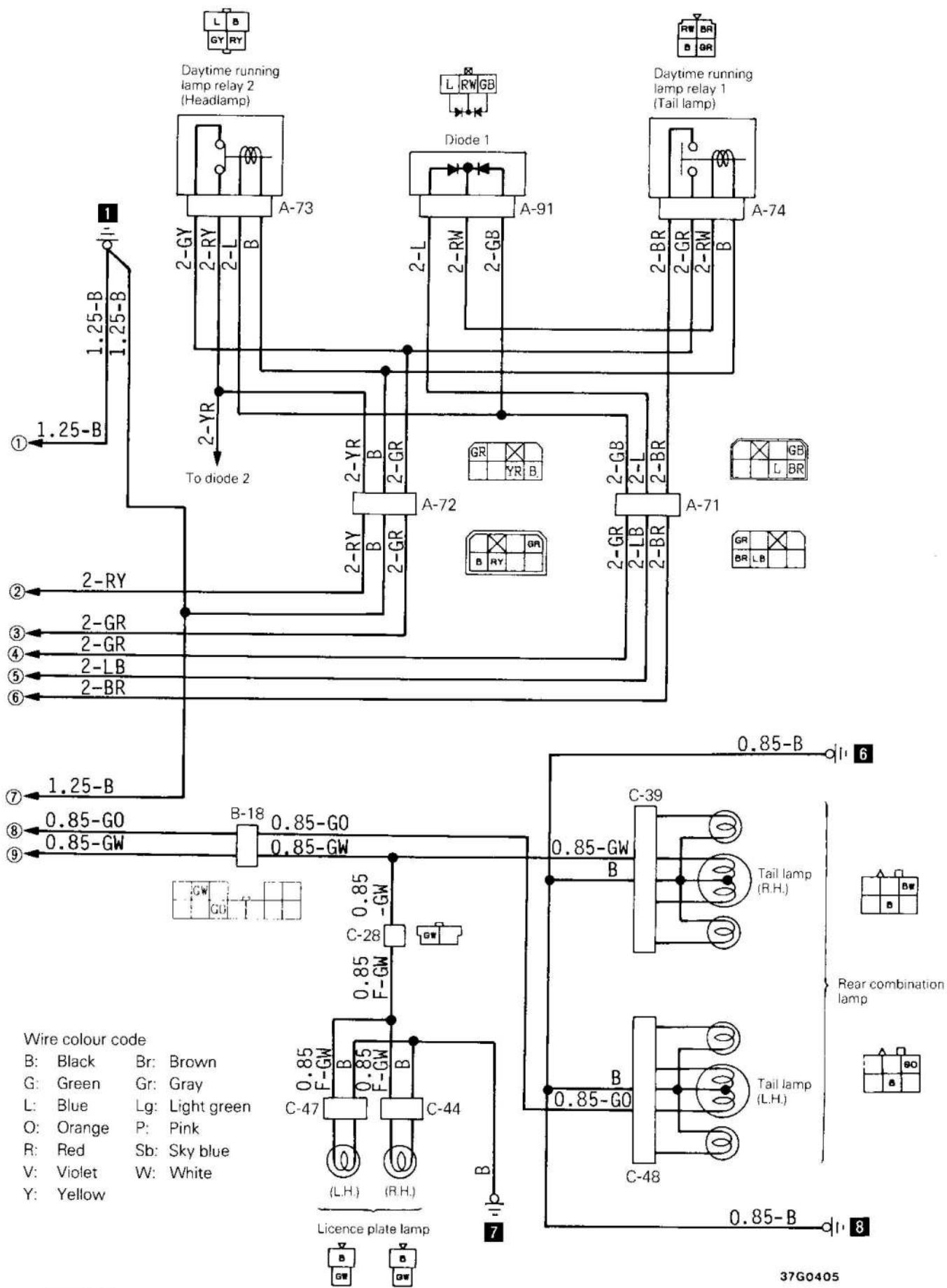




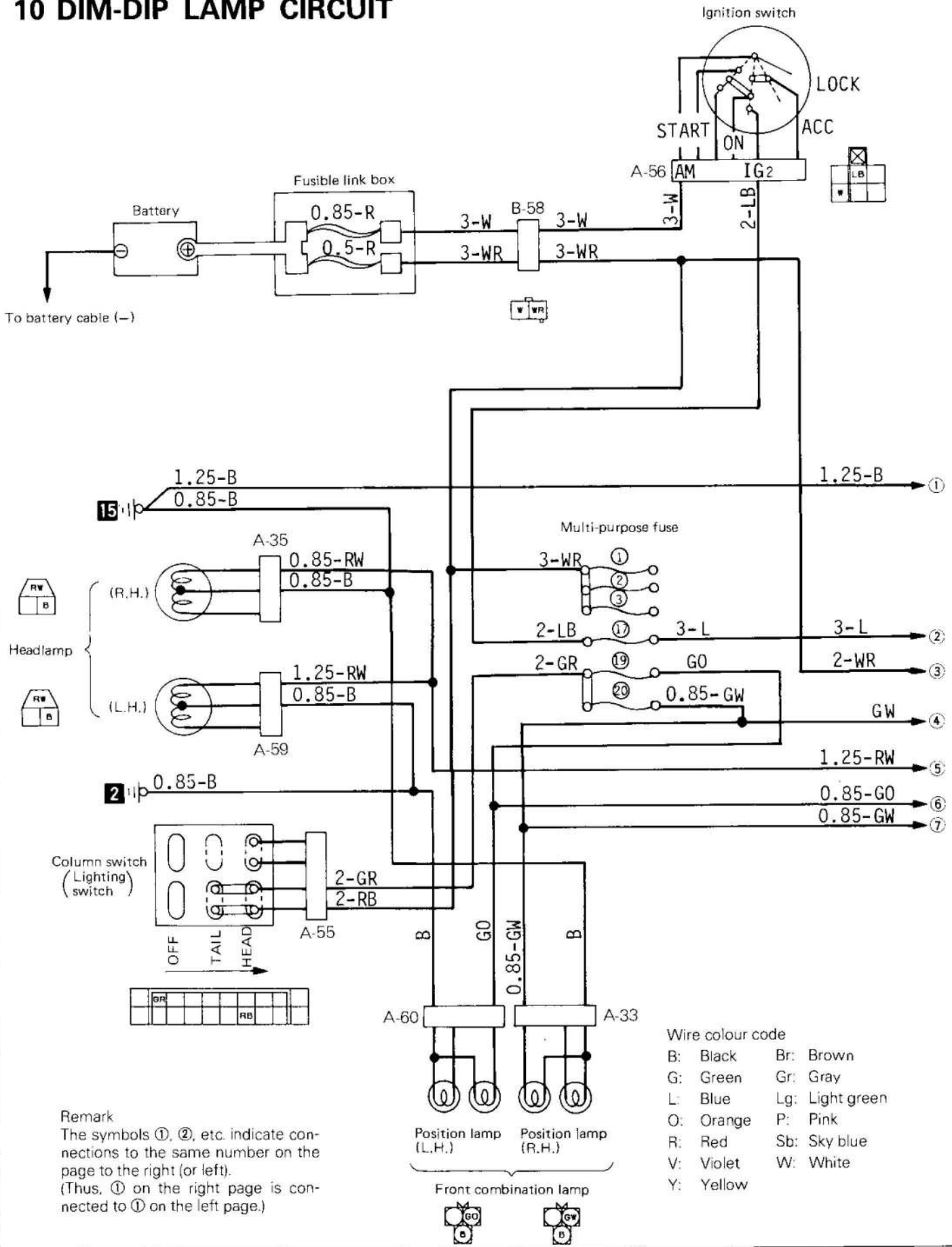
9-2 Vehicles with two bulb united type headlamp



Remark  
The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
(Thus, ① on the right page is connected to ① on the left page.)



### 10 DIM-DIP LAMP CIRCUIT



**Remark**  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)





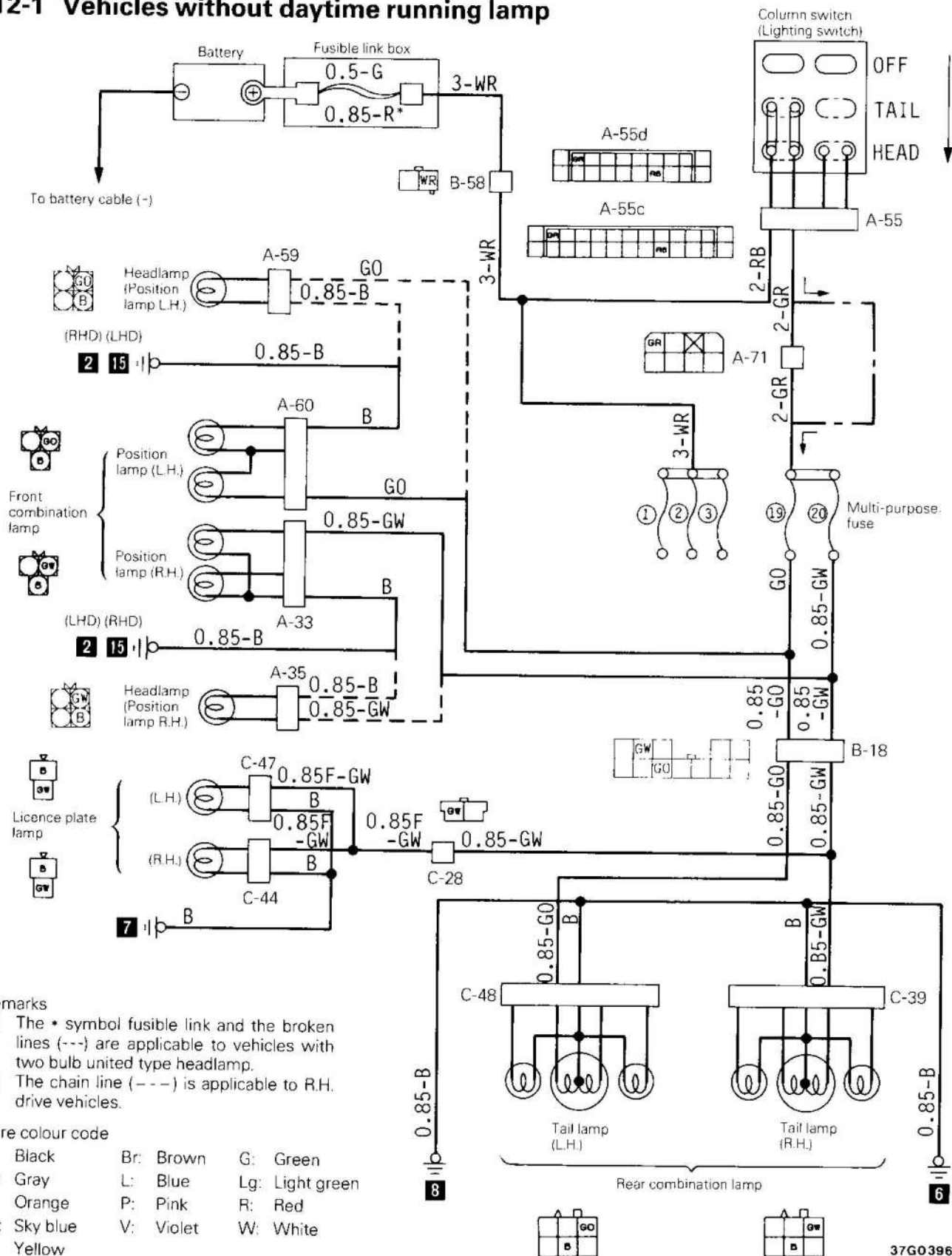




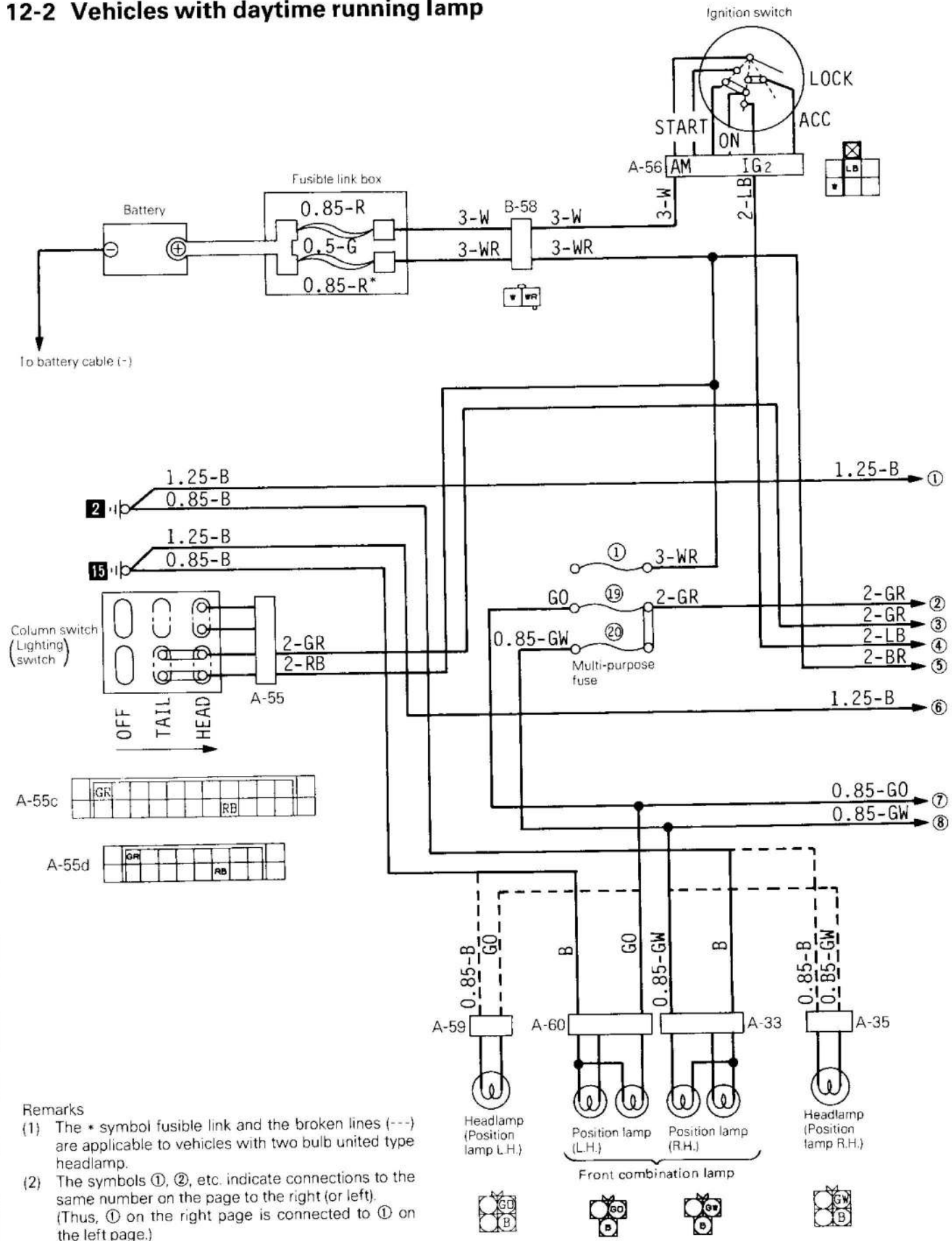
NOTES

# 12 TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP CIRCUIT

## 12-1 Vehicles without daytime running lamp



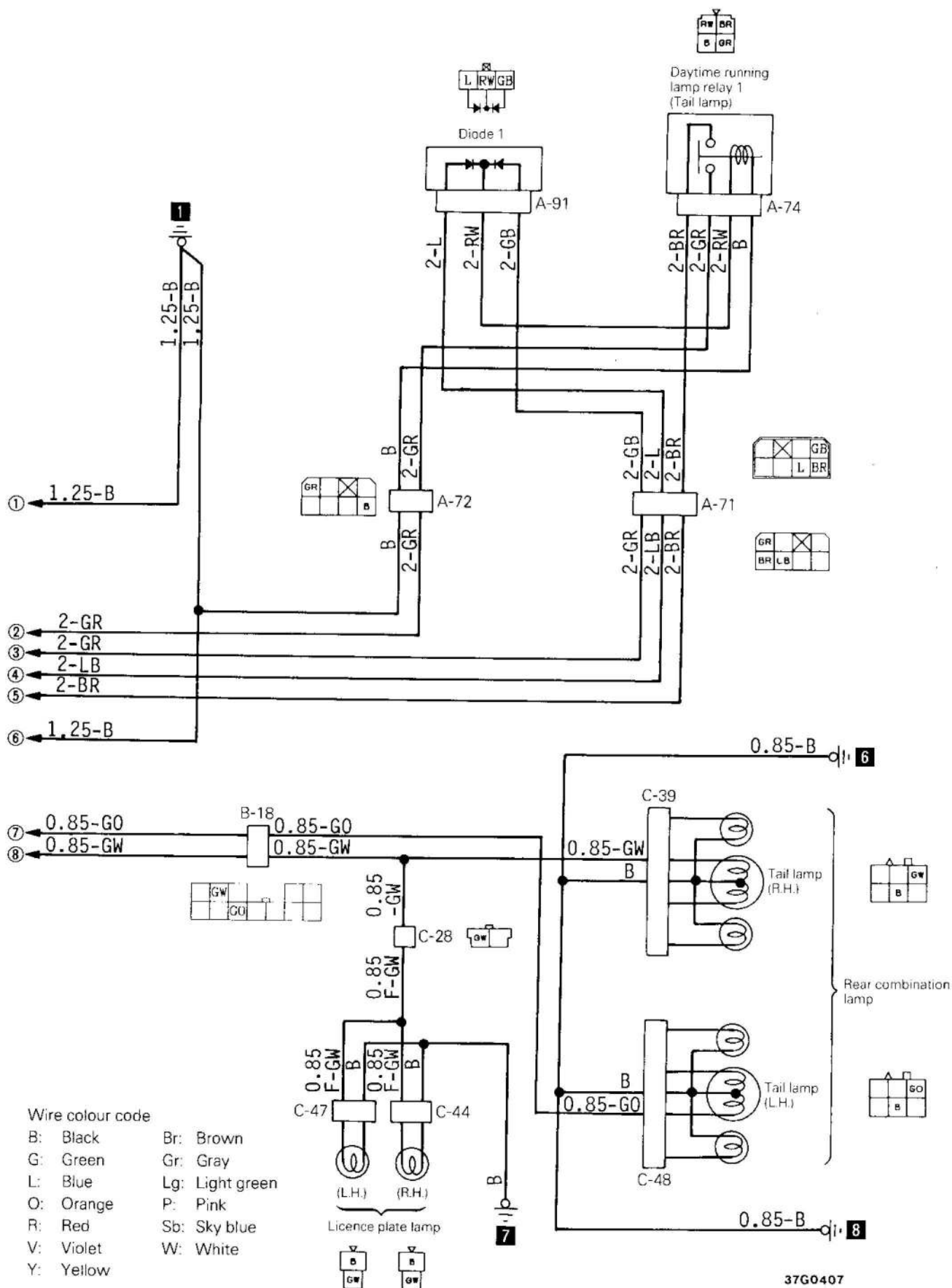
12-2 Vehicles with daytime running lamp



Remarks

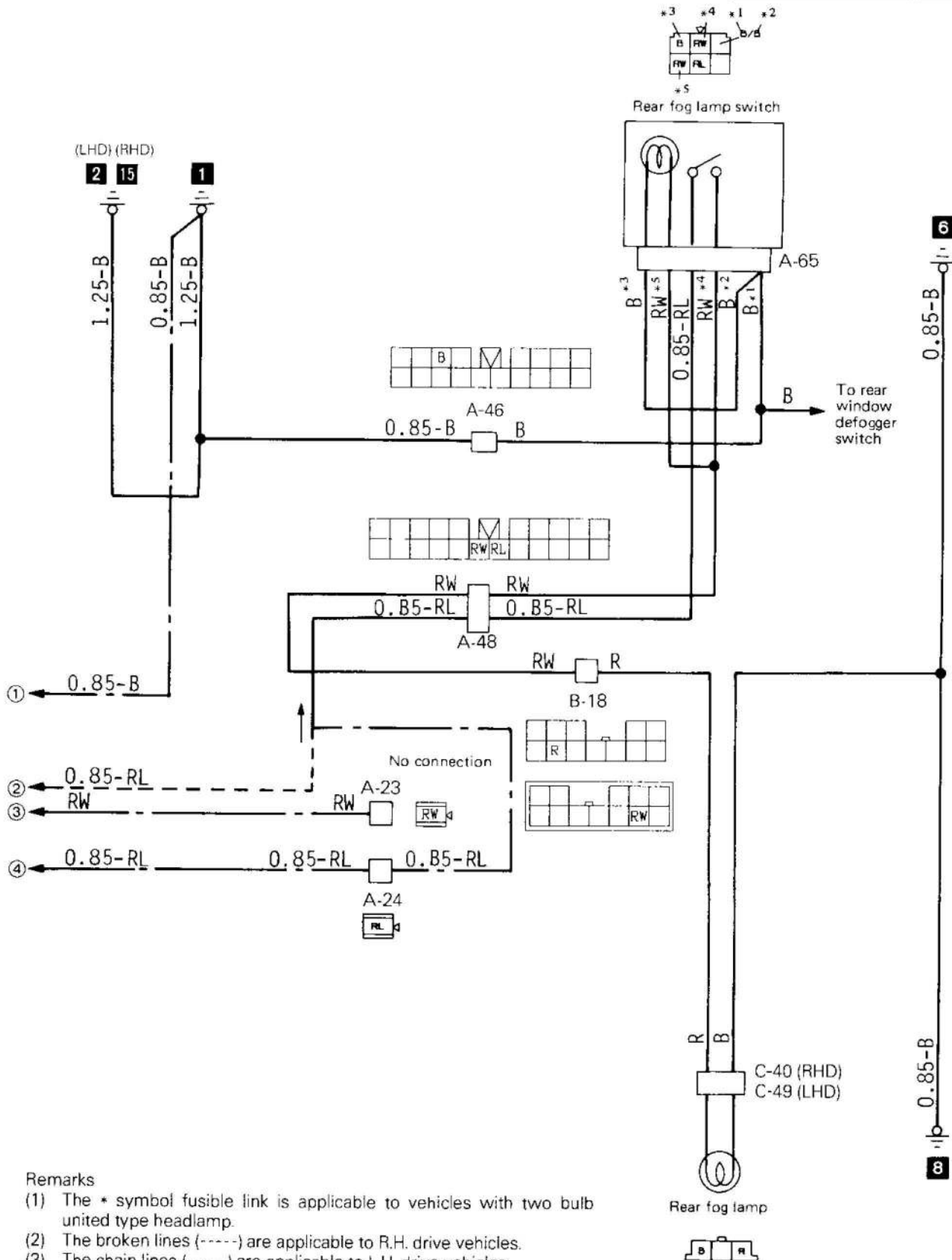
(1) The \* symbol fusible link and the broken lines (---) are applicable to vehicles with two bulb united type headlamp.

(2) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)









Remarks

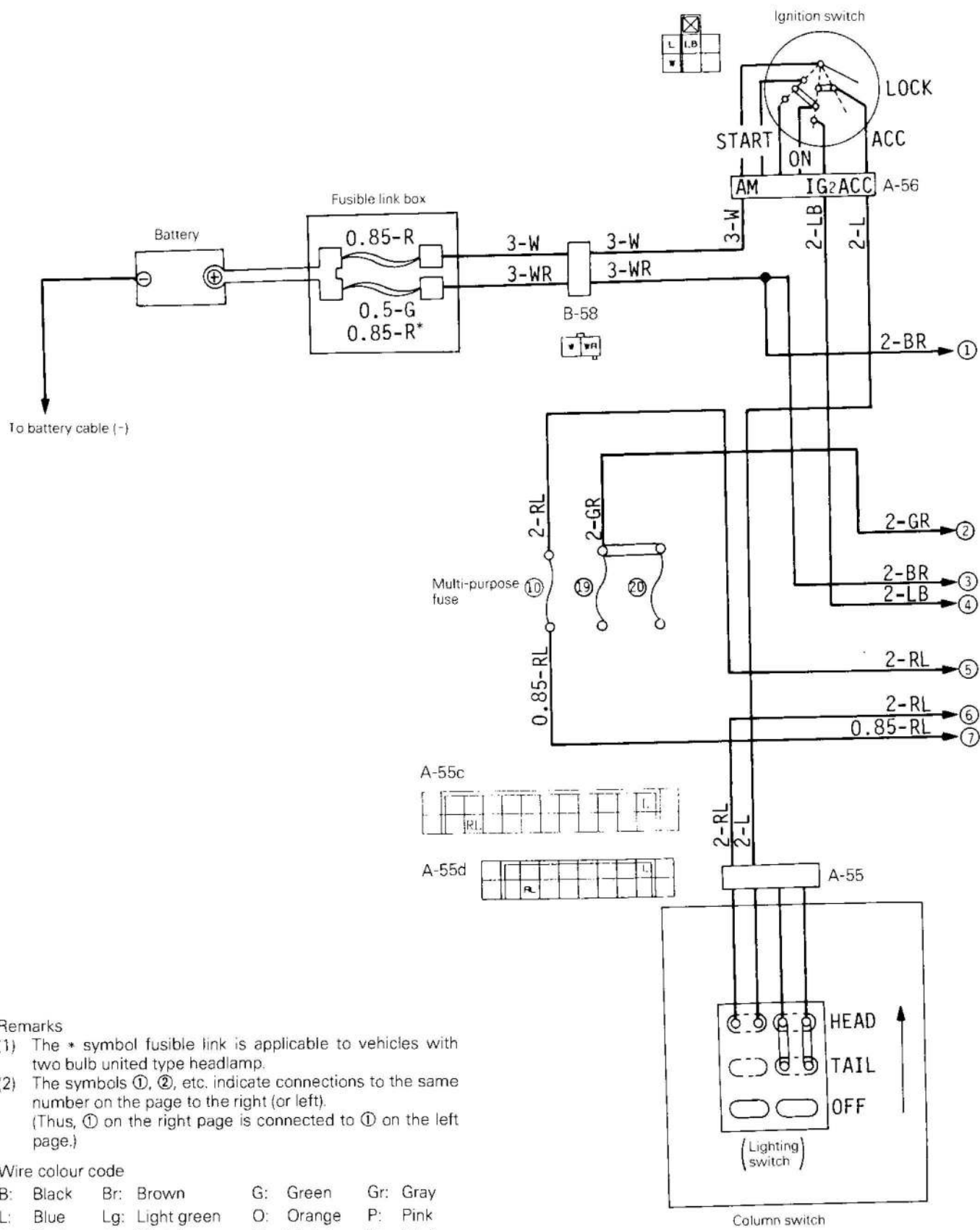
- (1) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.
- (2) The broken lines (-----) are applicable to R.H. drive vehicles.
- (3) The chain lines (---) are applicable to L.H. drive vehicles.
- (4) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
(Thus, ① on the right page is connected to ① on the left page.)

Wire colour code

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White
					Y: Yellow

37G0251

13-2 Vehicles with daytime running lamp



Remarks

- (1) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.
- (2) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)

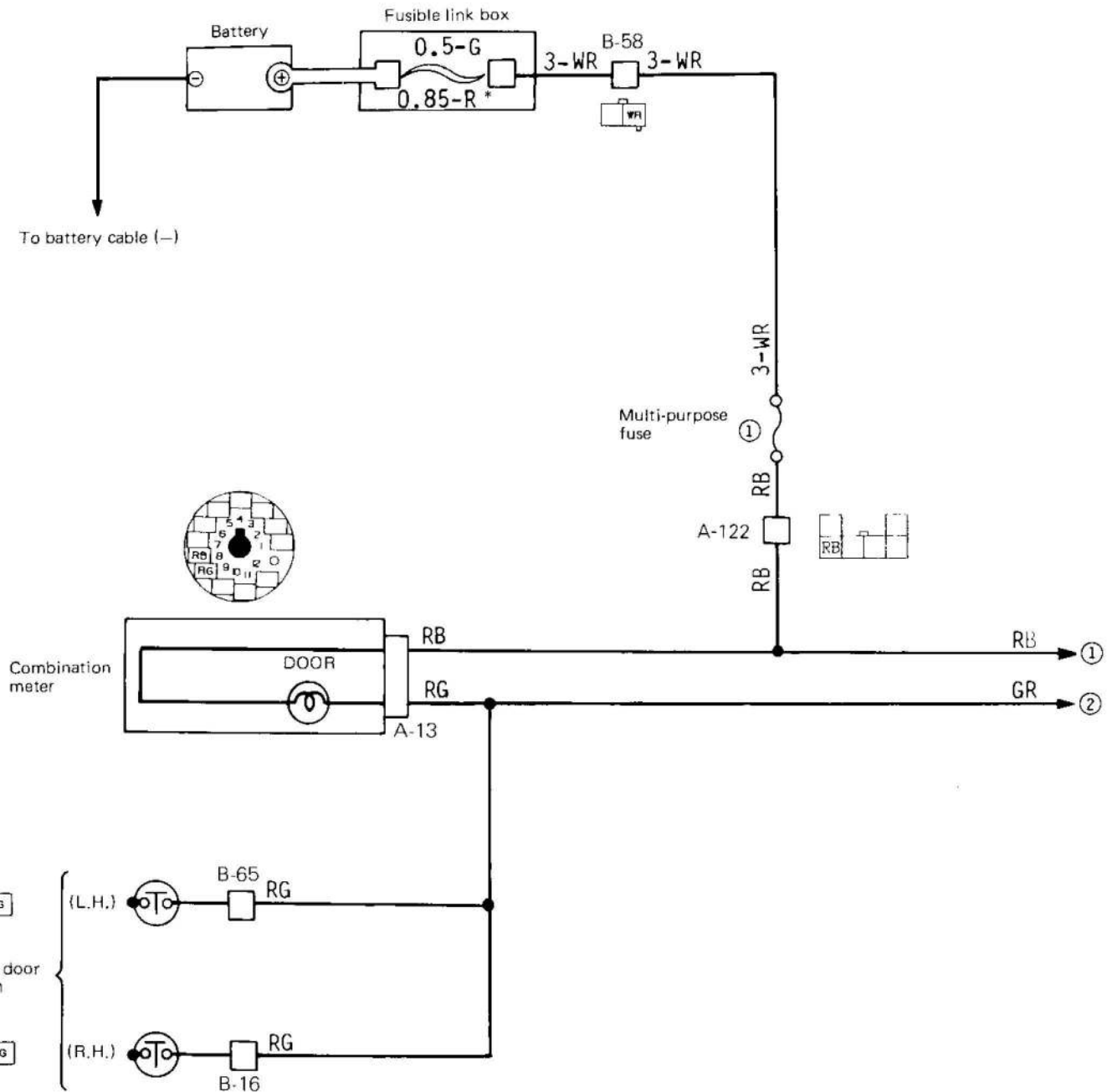
Wire colour code

B: Black	Br: Brown	G: Green	Gr: Gray
L: Blue	Lg: Light green	O: Orange	P: Pink
R: Red	Sb: Sky blue	V: Violet	W: White
Y: Yellow			



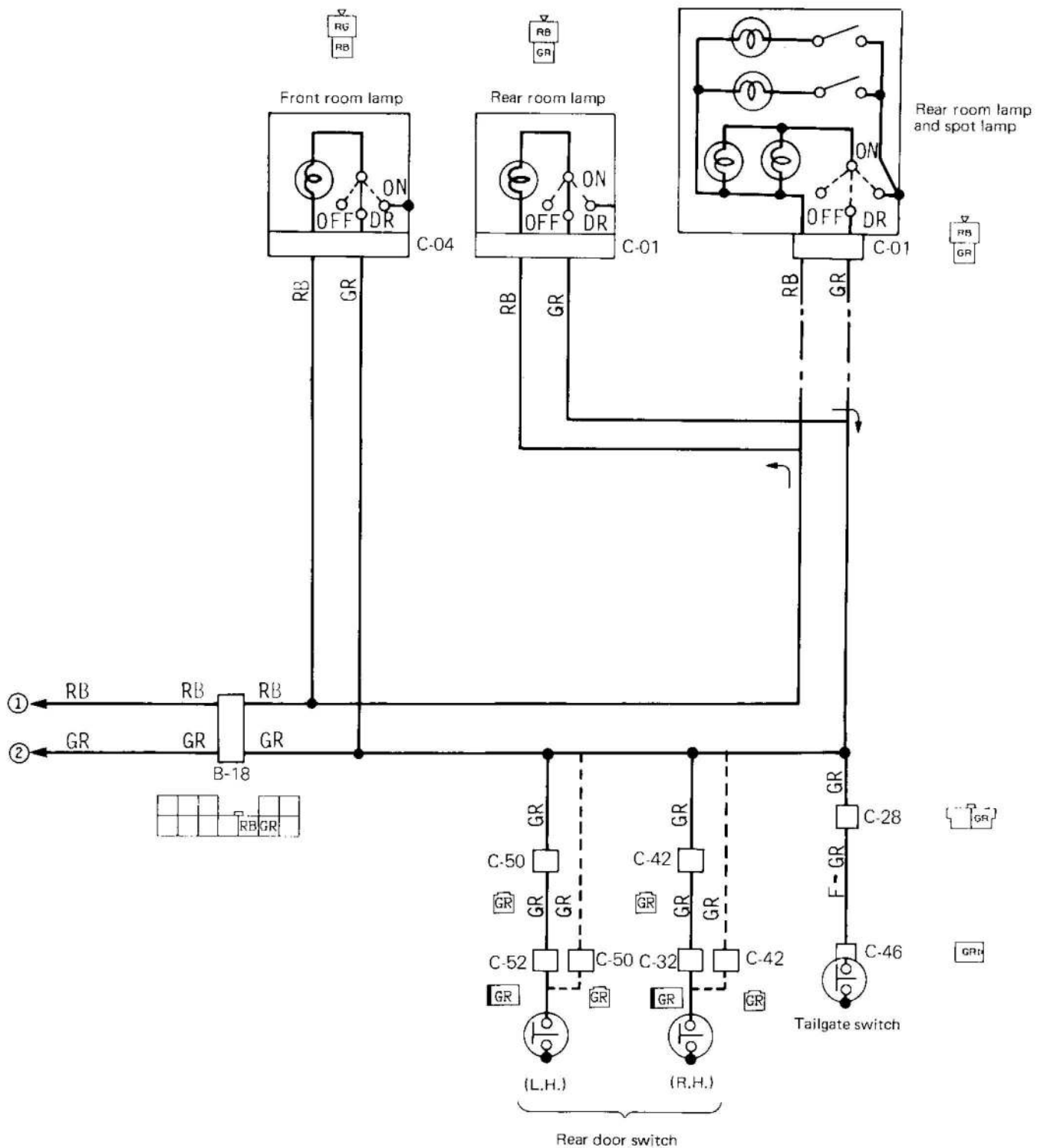
# 14 ROOM LAMP CIRCUIT

## 14-1 Vehicles without crystal-light roof



**Remarks**

- (1) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.
- (2) The chain lines (---) are applicable to vehicles with rear room lamp and spot lamp.
- (3) The broken lines (-----) are applicable to vehicles with rear speaker.
- (4) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)

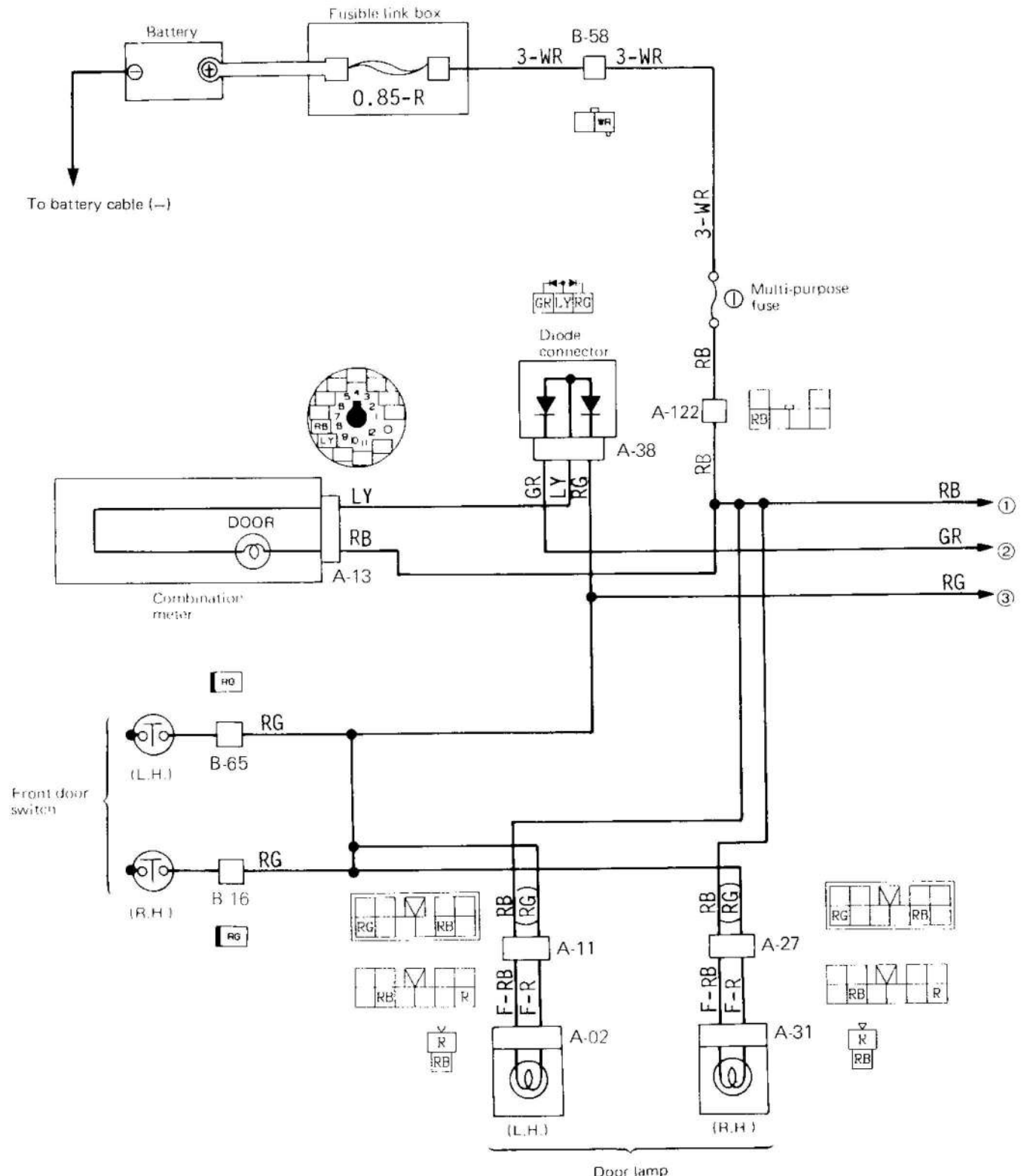


Wire colour code

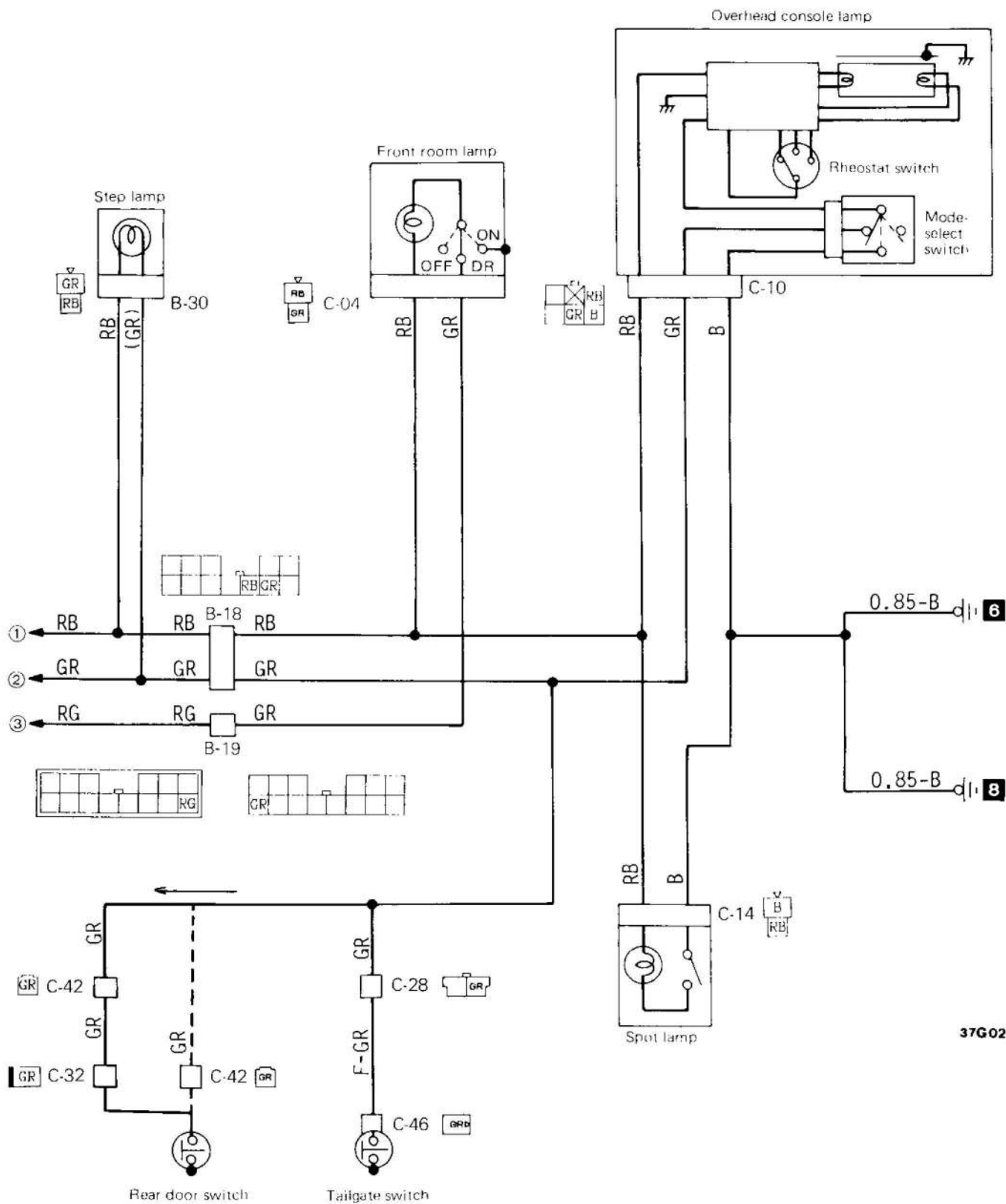
B: Black    Br: Brown    G: Green    Gr: Gray    L: Blue    Lg: Light green  
 O: Orange    P: Pink    R: Red    Sb: Sky blue    V: Violet    W: White    Y: Yellow

37G0409

14-2 Vehicles with crystal-light roof



Remarks  
 (1) The broken line (----) is applicable to vehicles without rear speaker.  
 (2) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)

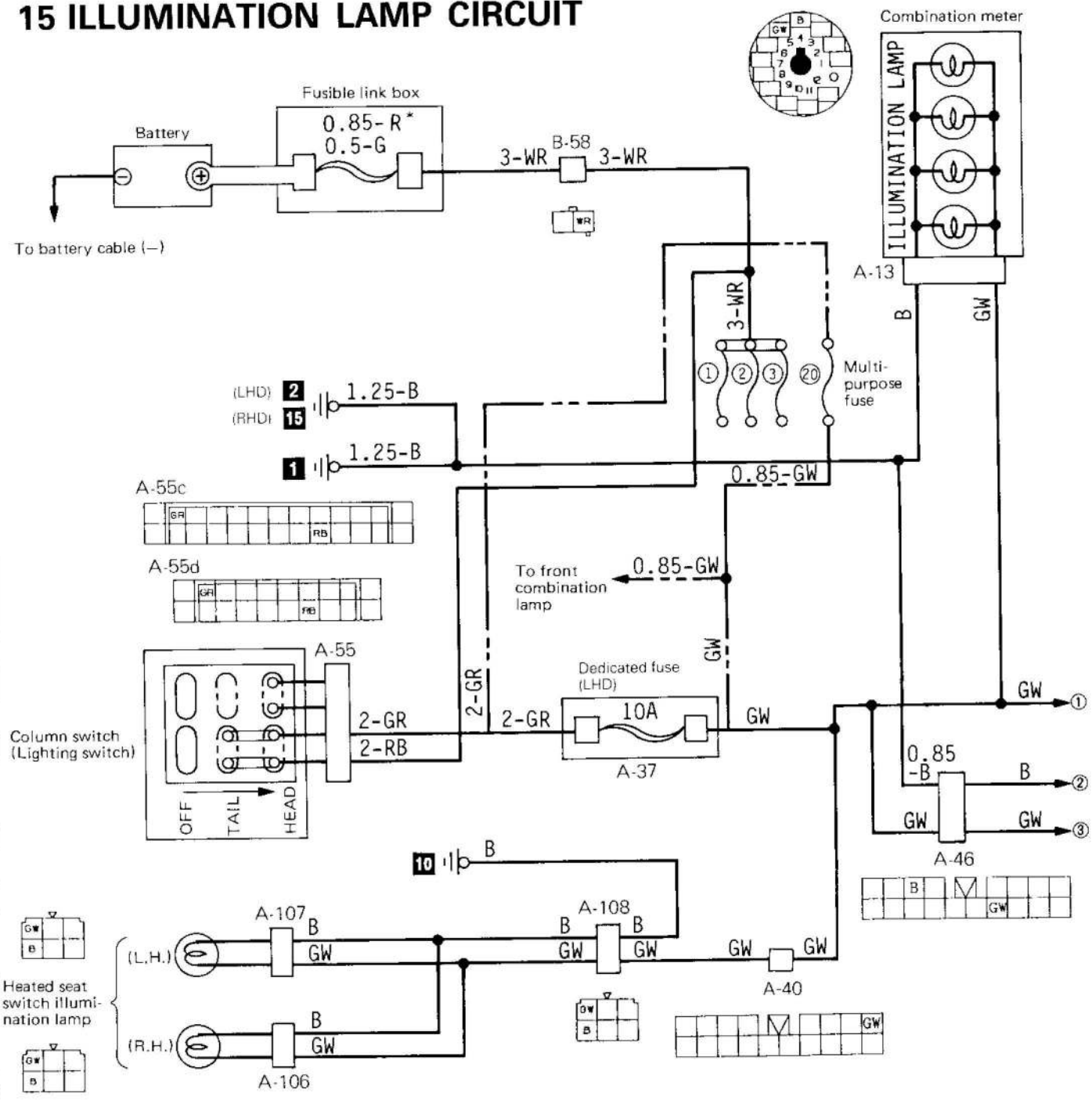


37G0250

Wire colour code

- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |

# 15 ILLUMINATION LAMP CIRCUIT



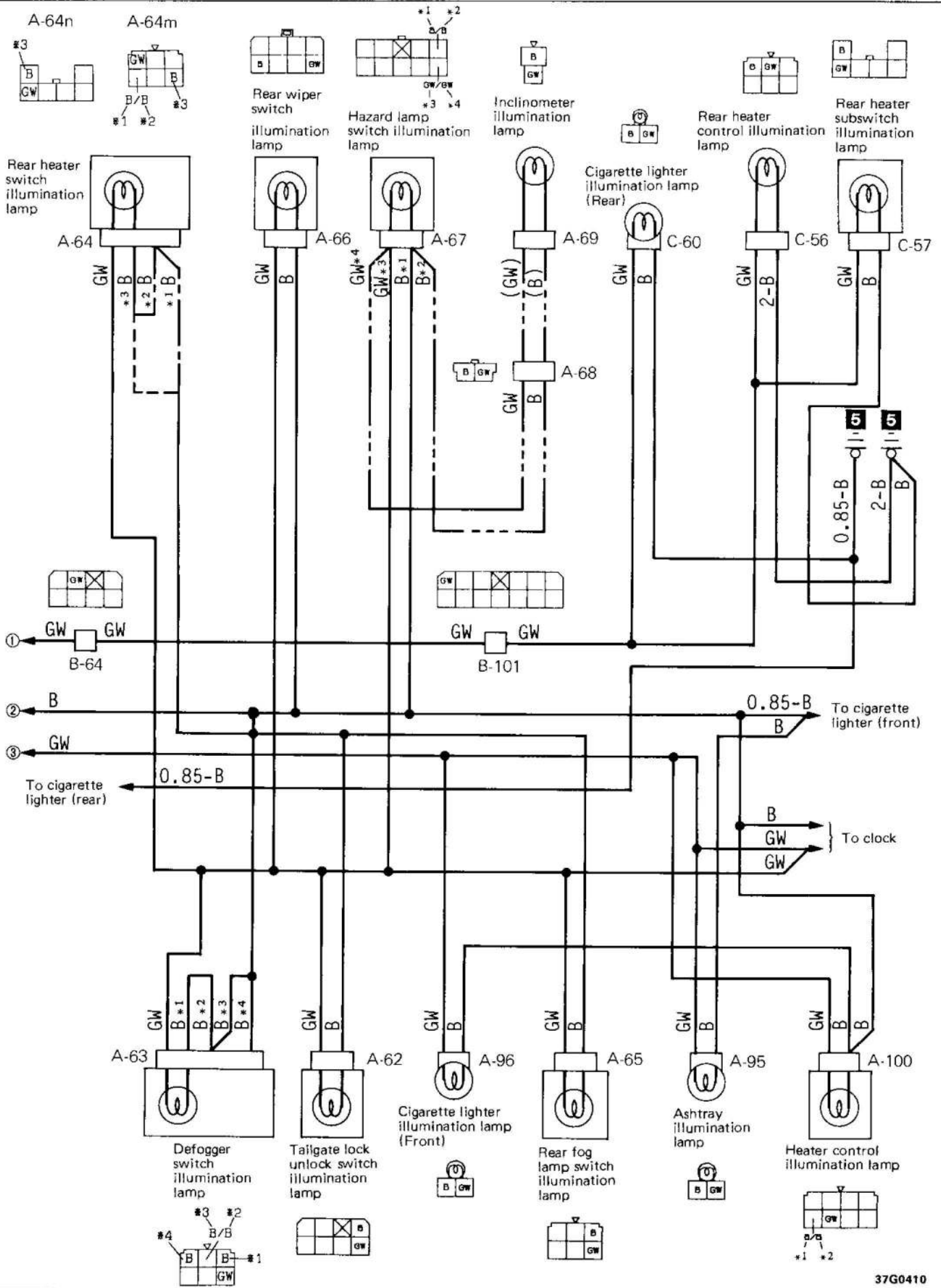
**Remarks**

- (1) The broken line (-----) is applicable to 4-door models.
- (2) The chain lines (---) is applicable to 5-door models.
- (3) The two-point chain lines (---) are applicable to R.H. drive vehicles.
- (4) The three-point chain lines (---) are applicable to vehicles with inclinometer.
- (5) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.
- (6) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
(Thus, ① on the right page is connected to ① on the left page.)

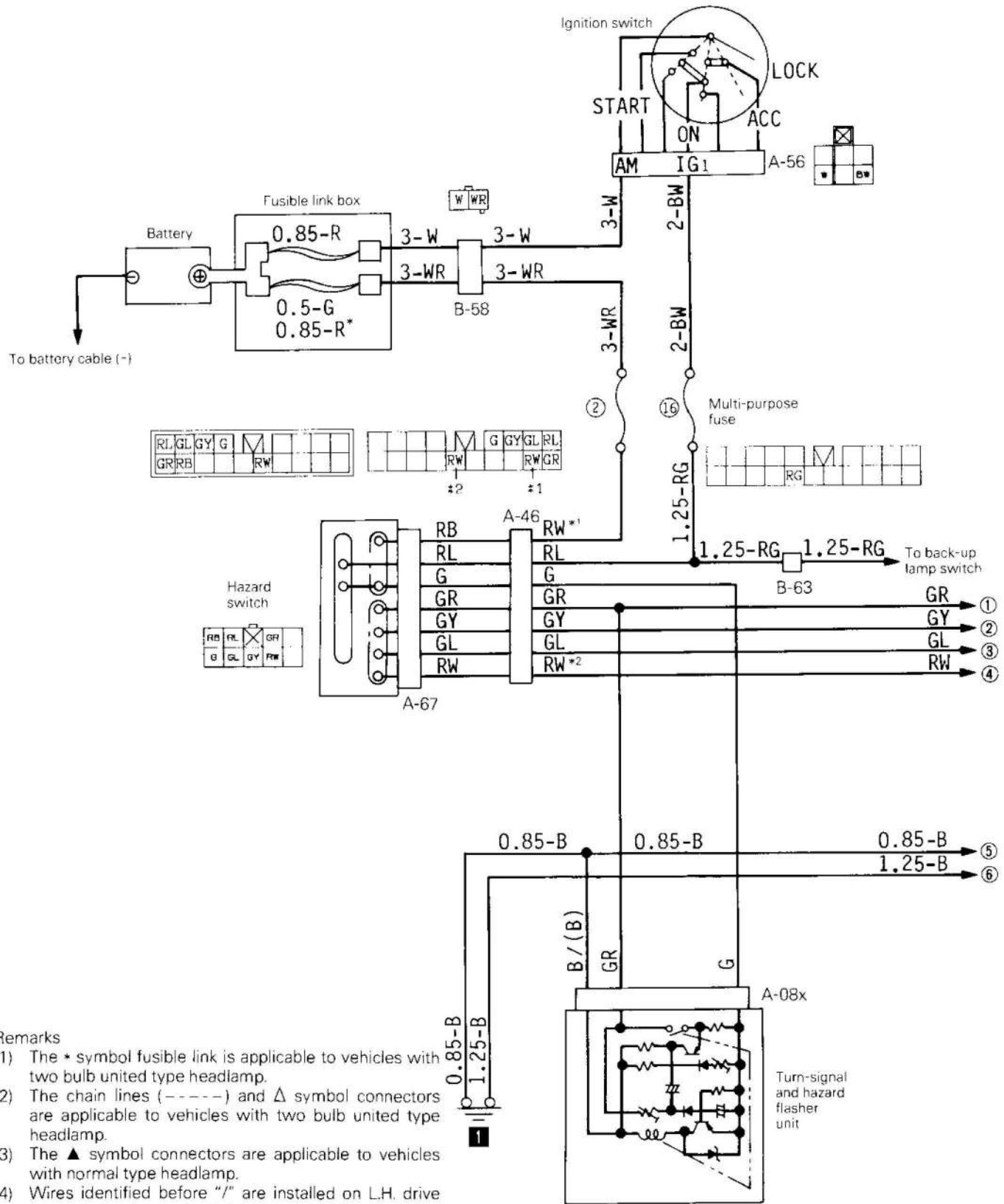
**Wire colour code**

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green	
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White	Y: Yellow





# 16 TURN-SIGNAL LAMP AND HAZARD LAMP CIRCUIT

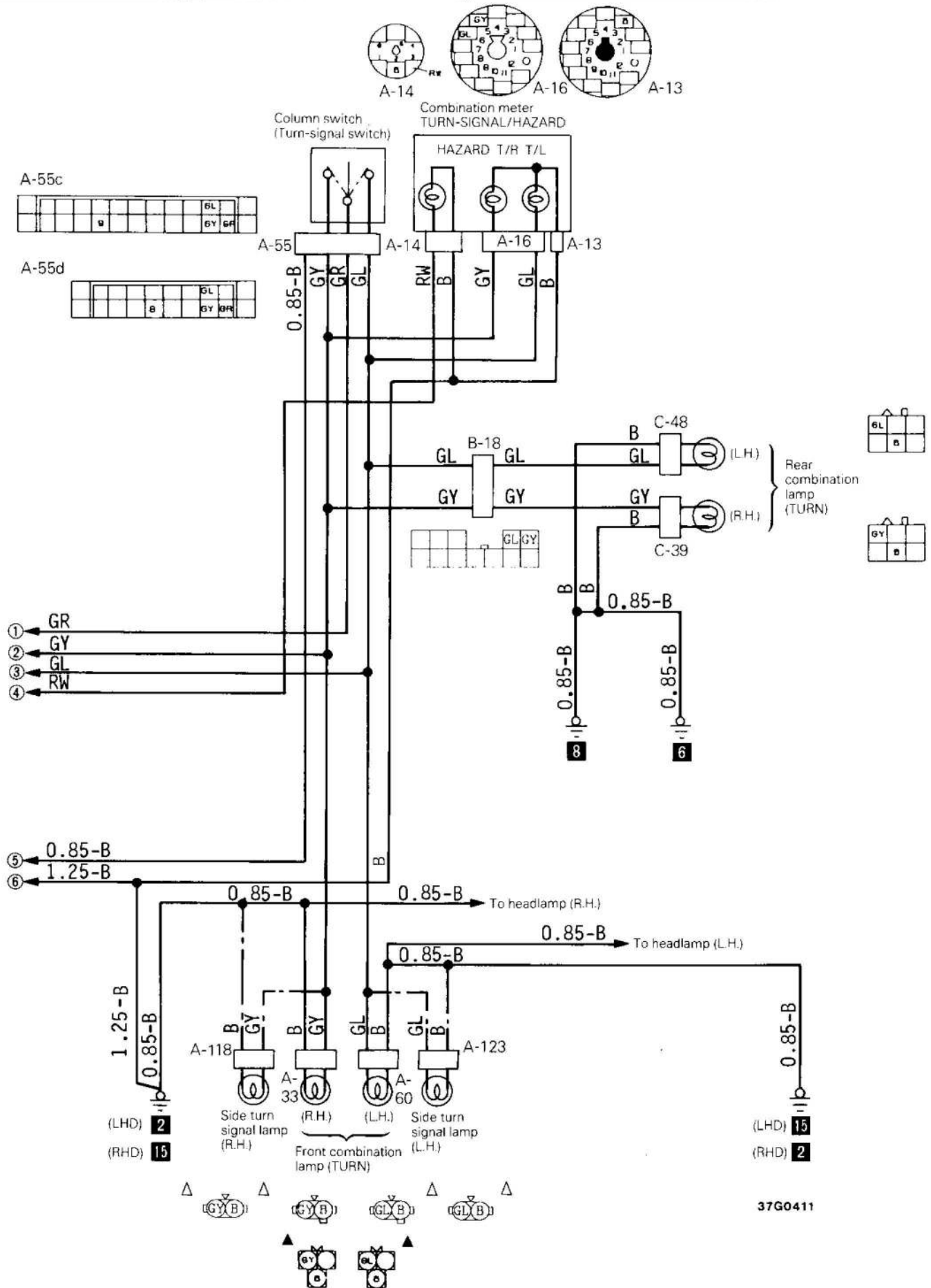


**Remarks**

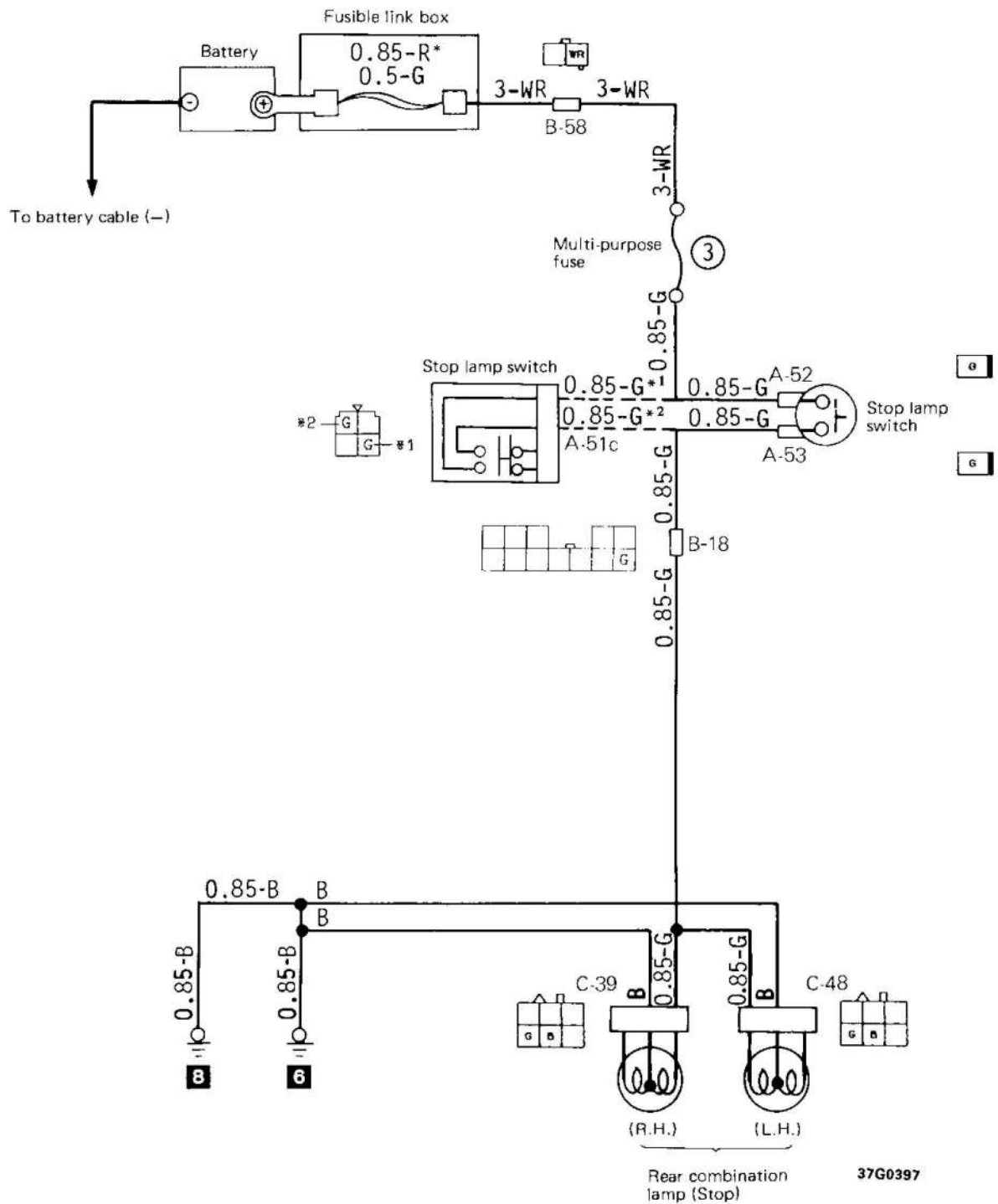
- (1) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.
- (2) The chain lines (-----) and Δ symbol connectors are applicable to vehicles with two bulb united type headlamp.
- (3) The ▲ symbol connectors are applicable to vehicles with normal type headlamp.
- (4) Wires identified before "/" are installed on L.H. drive vehicles and those after "/" on R.H. drive vehicles.

**Wire colour code**

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green	
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White	Y: Yellow



17 STOP LAMP CIRCUIT



Remarks

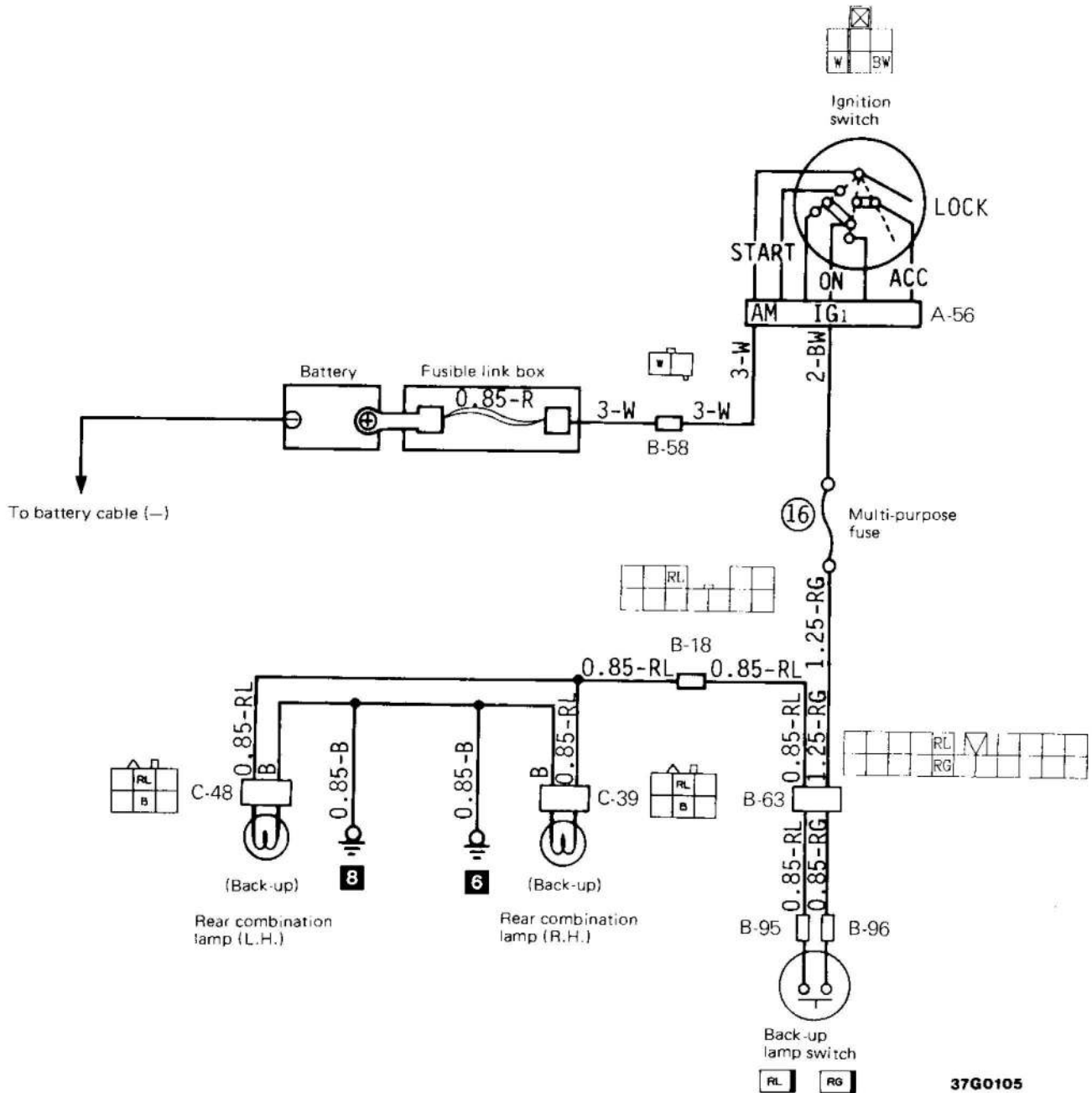
- (1) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.
- (2) The broken lines (-----) are applicable to vehicles with auto-cruise control.

Wire colour code

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green	
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White	Y: Yellow

37G0397

18 BACK-UP LAMP CIRCUIT

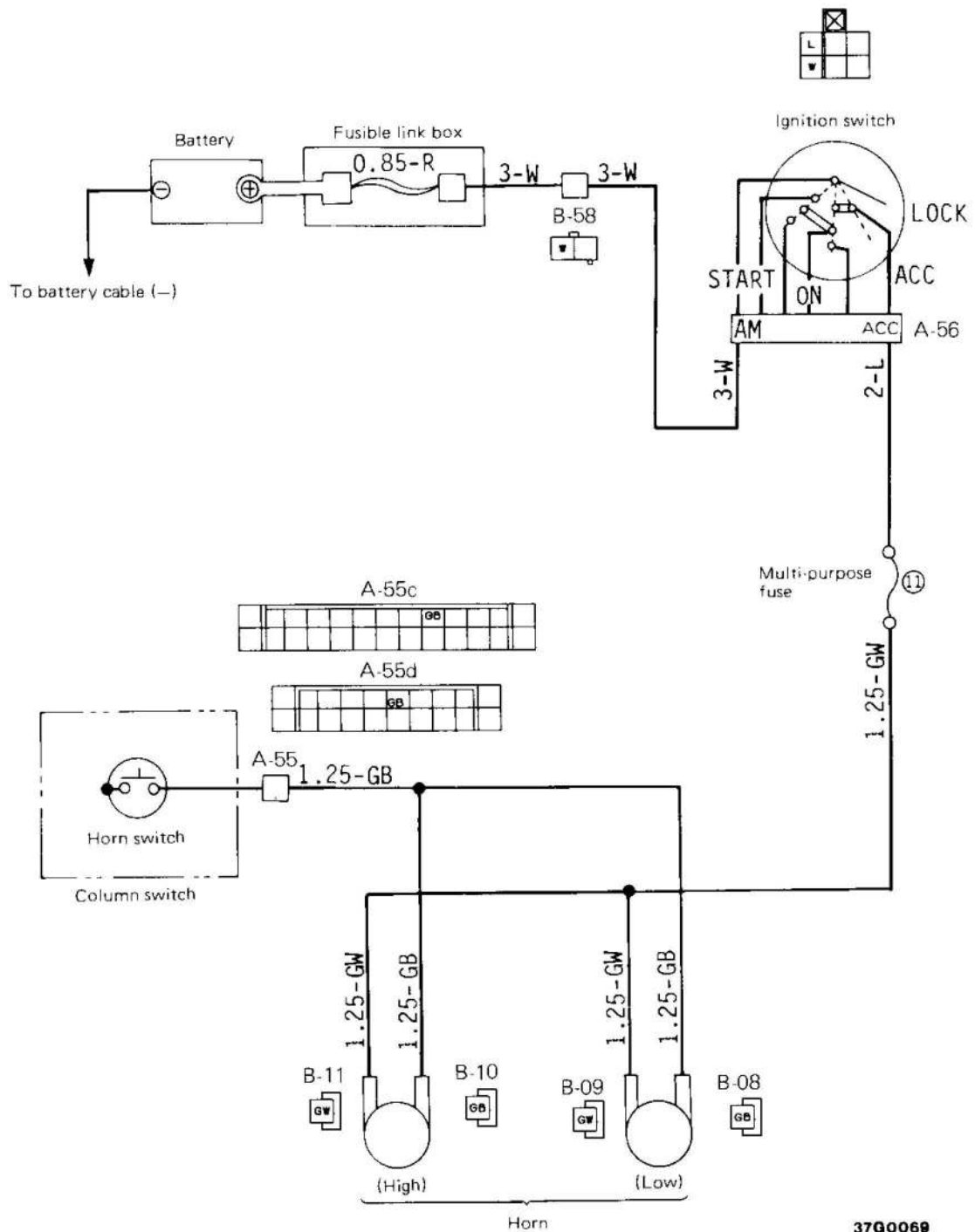


37G0105

Wire colour code

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White
					Y: Yellow

19 HORN CIRCUIT



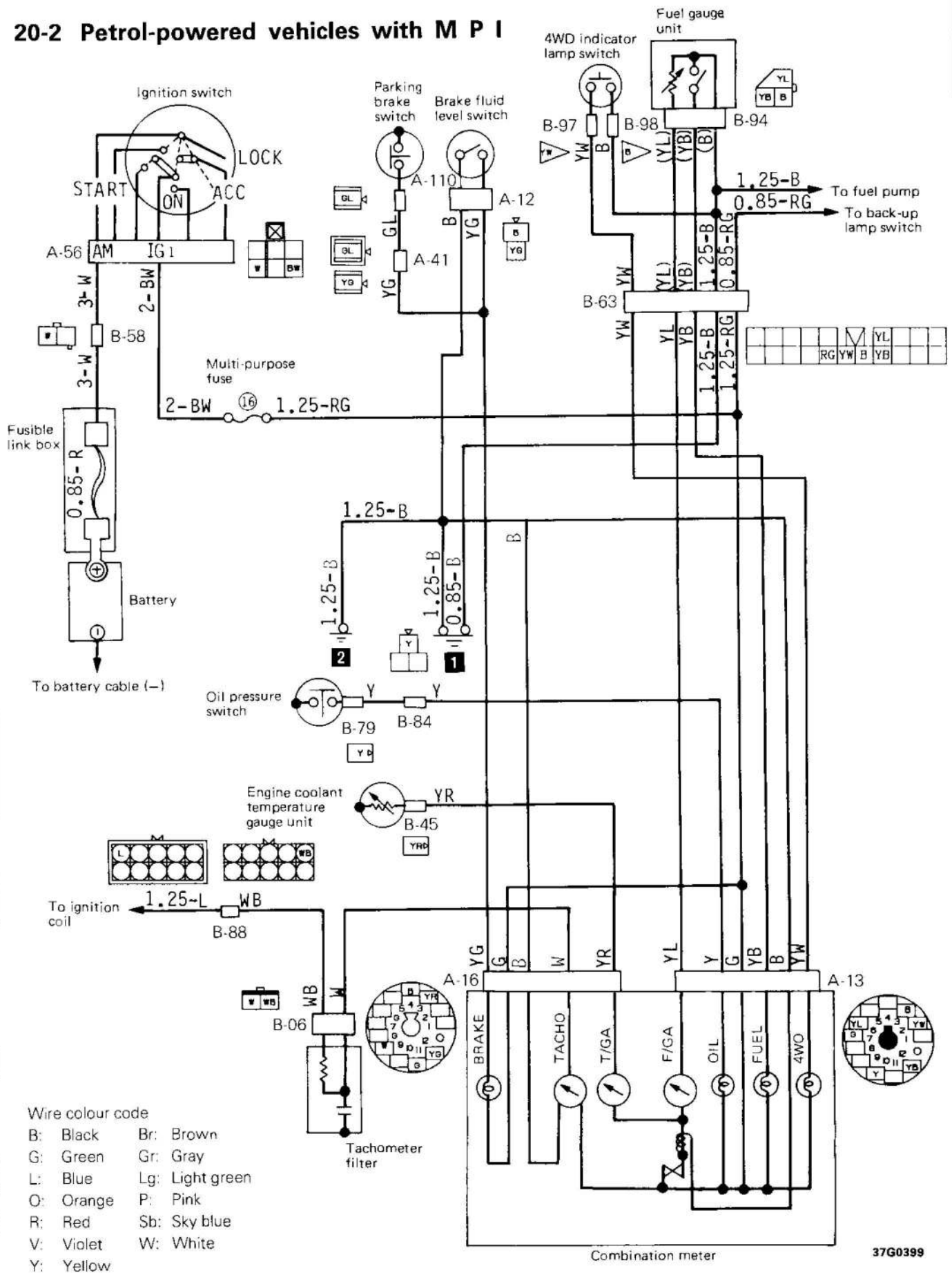
37G0069

Wire colour code

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green	
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White	Y: Yellow

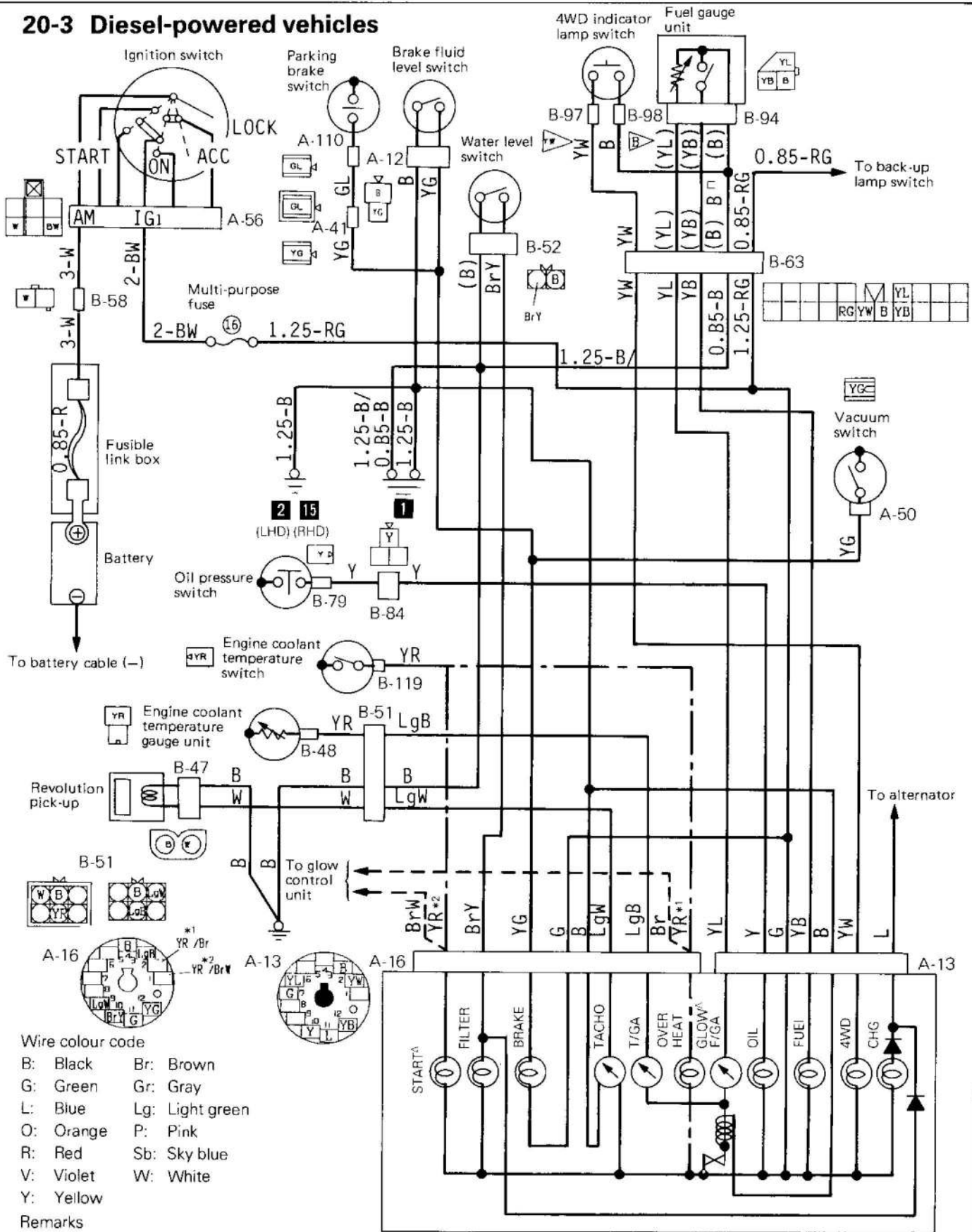


20-2 Petrol-powered vehicles with M P I





20-3 Diesel-powered vehicles

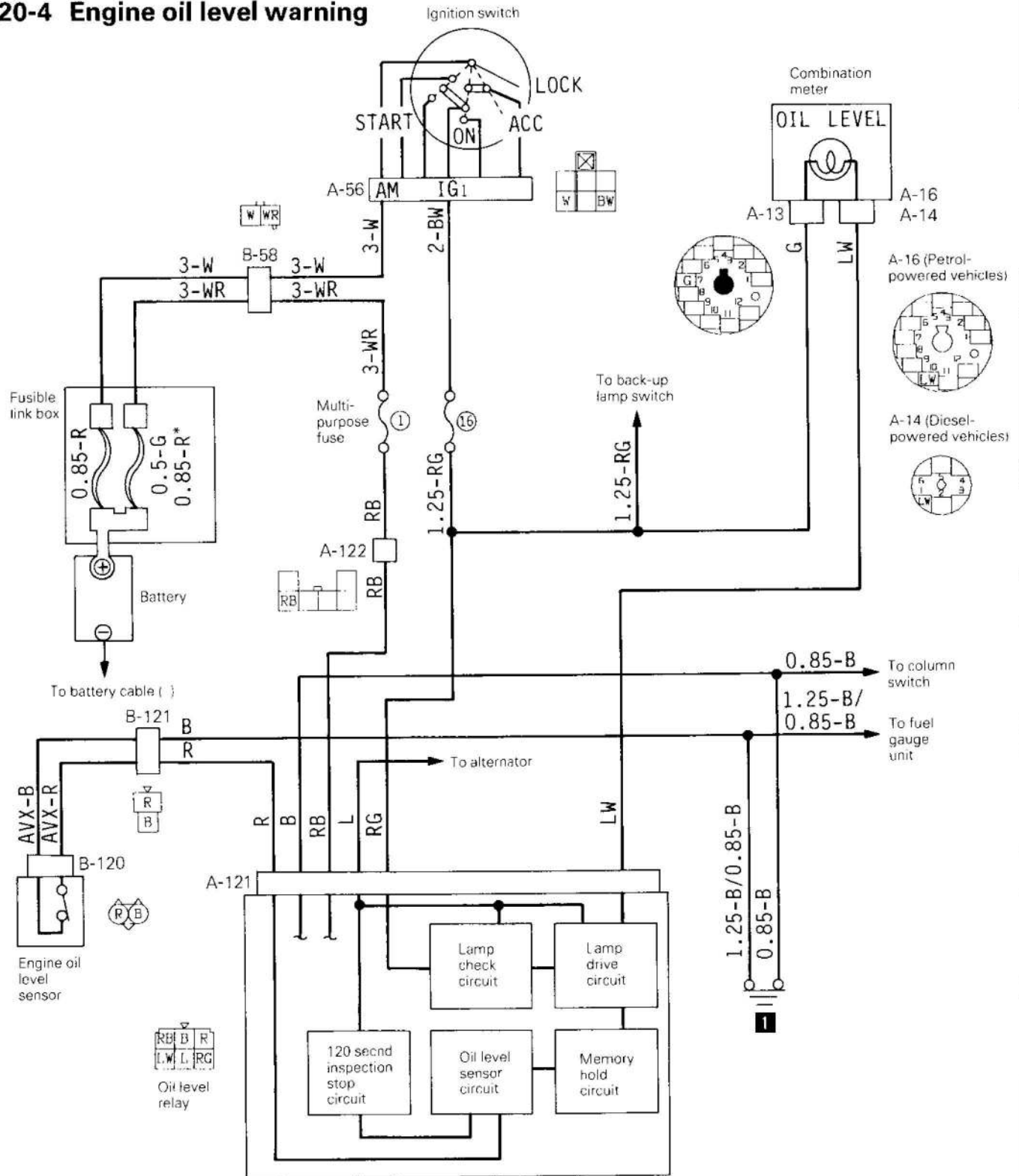


- Wire colour code
- B: Black      Br: Brown
  - G: Green      Gr: Gray
  - L: Blue      Lg: Light green
  - O: Orange    P: Pink
  - R: Red      Sb: Sky blue
  - V: Violet    W: White
  - Y: Yellow

Remarks

- (1) The chain lines (---) are applicable to vehicles with turbocharger.
- (2) The broken lines (----) and Δ symbol equipments are applicable to vehicles with auto glow control system.
- (3) The □ symbol wire diameters and colour codes are applicable to 4WD vehicles.
- (4) Wires identified before "/" are installed on L.H. drive vehicles and those after "/" on R.H. drive vehicles.

20-4 Engine oil level warning



37G0401

Remarks

- (1) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.
- (2) Wires identified before "/" are installed on L.H. drive vehicles and those after "/" on R.H. drive vehicles.

Wire colour code

B: Black	Br: Brown	G: Green
Gr: Gray	L: Blue	Lg: Light green
O: Orange	P: Pink	R: Red
Sb: Sky blue	V: Violet	W: White
Y: Yellow		

## METER AND GAUGE CIRCUIT

### OPERATION

#### Engine oil level warning

- When the ignition switch is turned to ON (when engine is stopped), current flows to the multi-purpose fuse ⑩ and to the oil level relay.
- Furthermore, the current flows to the multi-purpose fuse ⑩, engine oil level warning lamp, oil level relay, alternator and the earth at the same time, and the engine oil level warning lamp illuminates.
- When the engine is started, normally the engine oil level warning lamp switches off. However, if the amount of engine oil in the oil pan is less than the standard amount when the engine is stopped, the engine oil level sensor in the oil pan will turn OFF, and the current from the oil level relay will be cut. When the current is cut, the oil level sensor circuit in the oil level relay operates and the engine oil level warning lamp will remain illuminated.

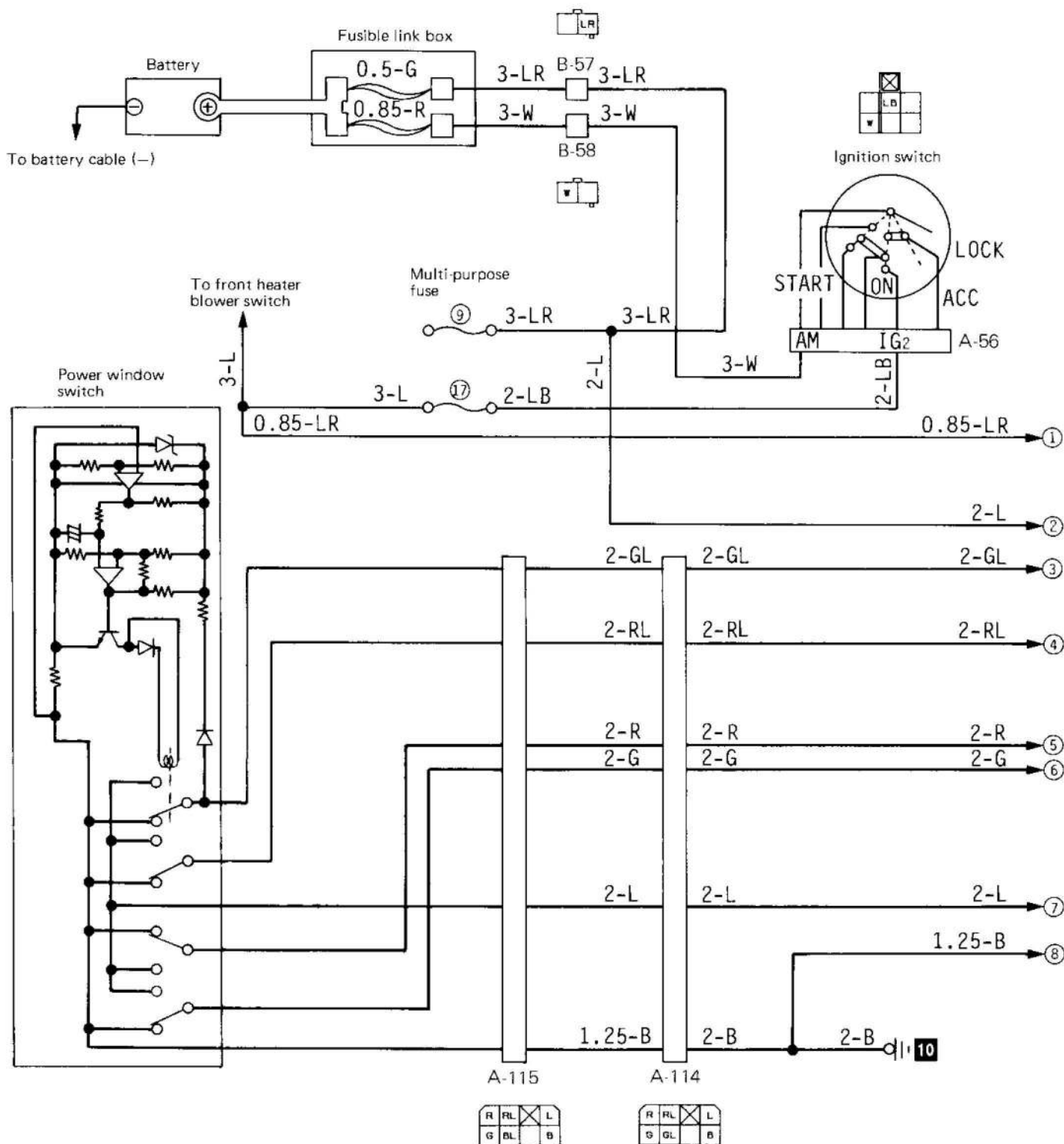
#### Remark

If the engine is restarted within 120 seconds after it has been stopped, the situation immediately prior to this is memorized so as to prevent incorrect operation without the oil level sensor circuit operating, and if the engine oil level was below the standard amount, the engine oil level warning lamp will illuminate.

### TROUBLESHOOTING HINTS

1. Engine oil level warning lamp does not go on when the ignition switch is turned to "ON", before the engine starts.
  - Check the bulb.
2. Engine oil level warning lamp fails to go off once the engine starts.
  - Check the engine oil level.
  - Check the oil level sensor.
  - Check the oil level relay.

### 21 POWER WINDOW CIRCUIT



**Remark**

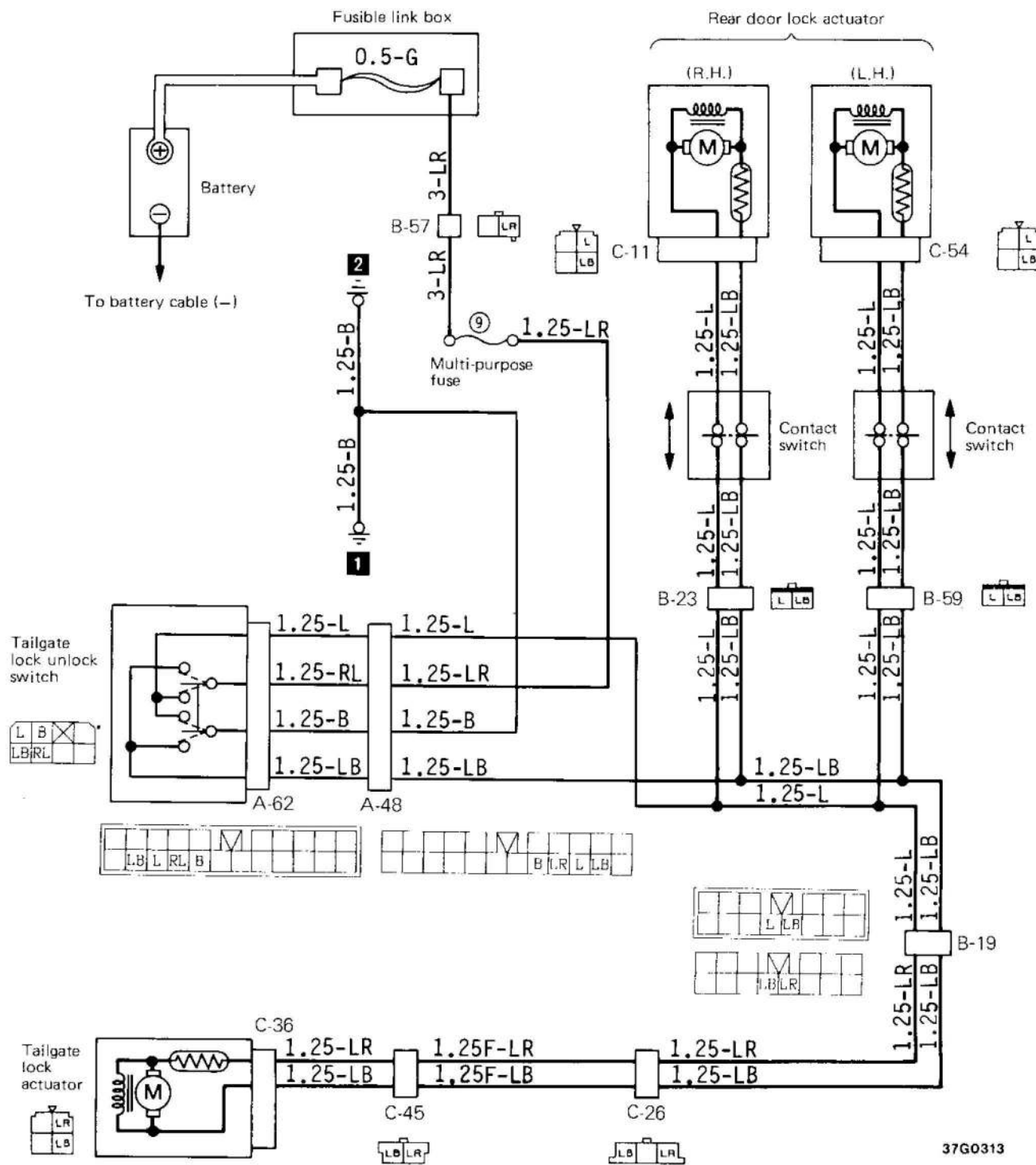
The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)



NOTES

# 22 CENTRAL LOCKING SYSTEM CIRCUIT

## 22-1 Rear Door and Tailgate

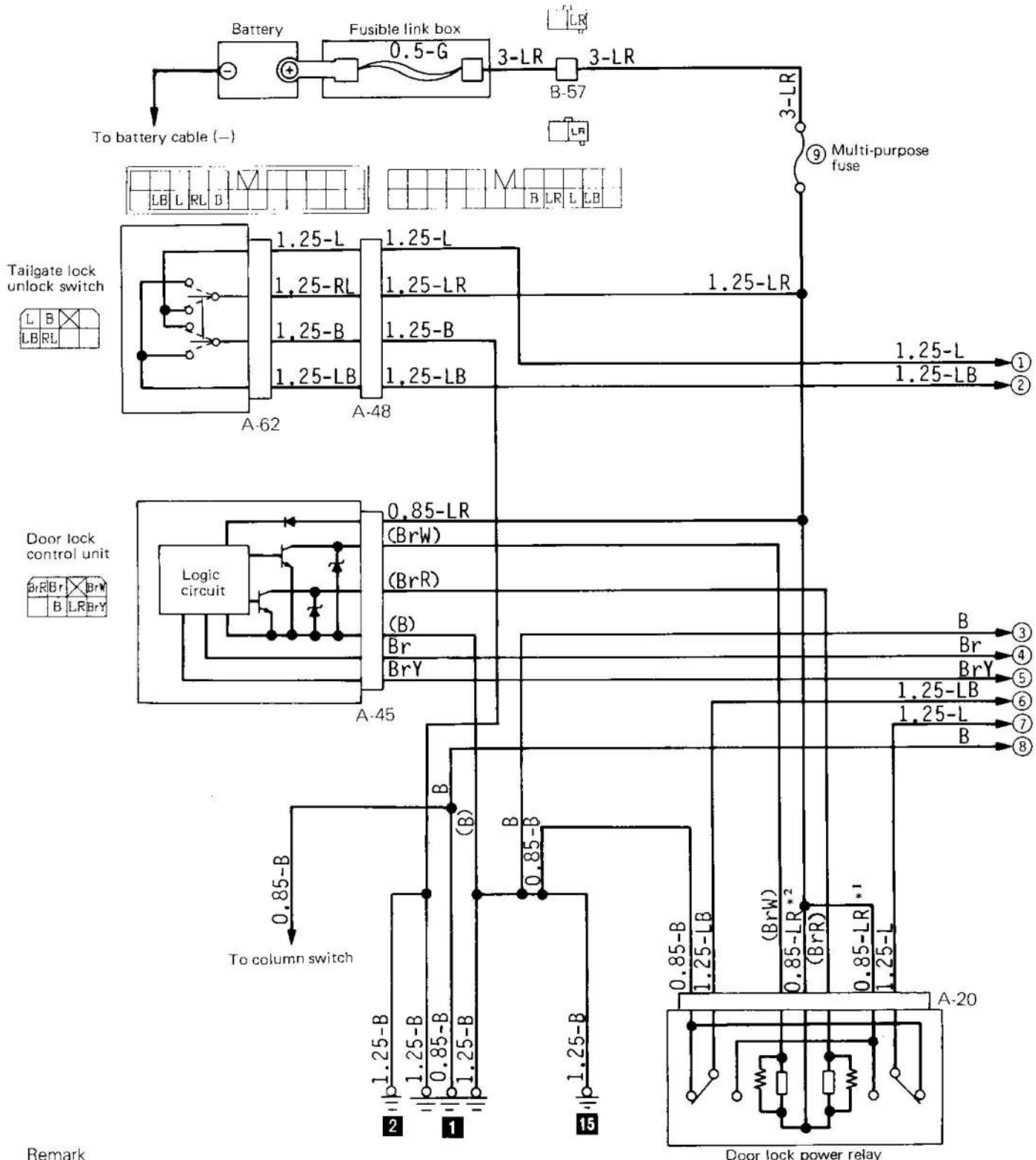


37G0313

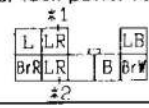
Wire colour code

- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |

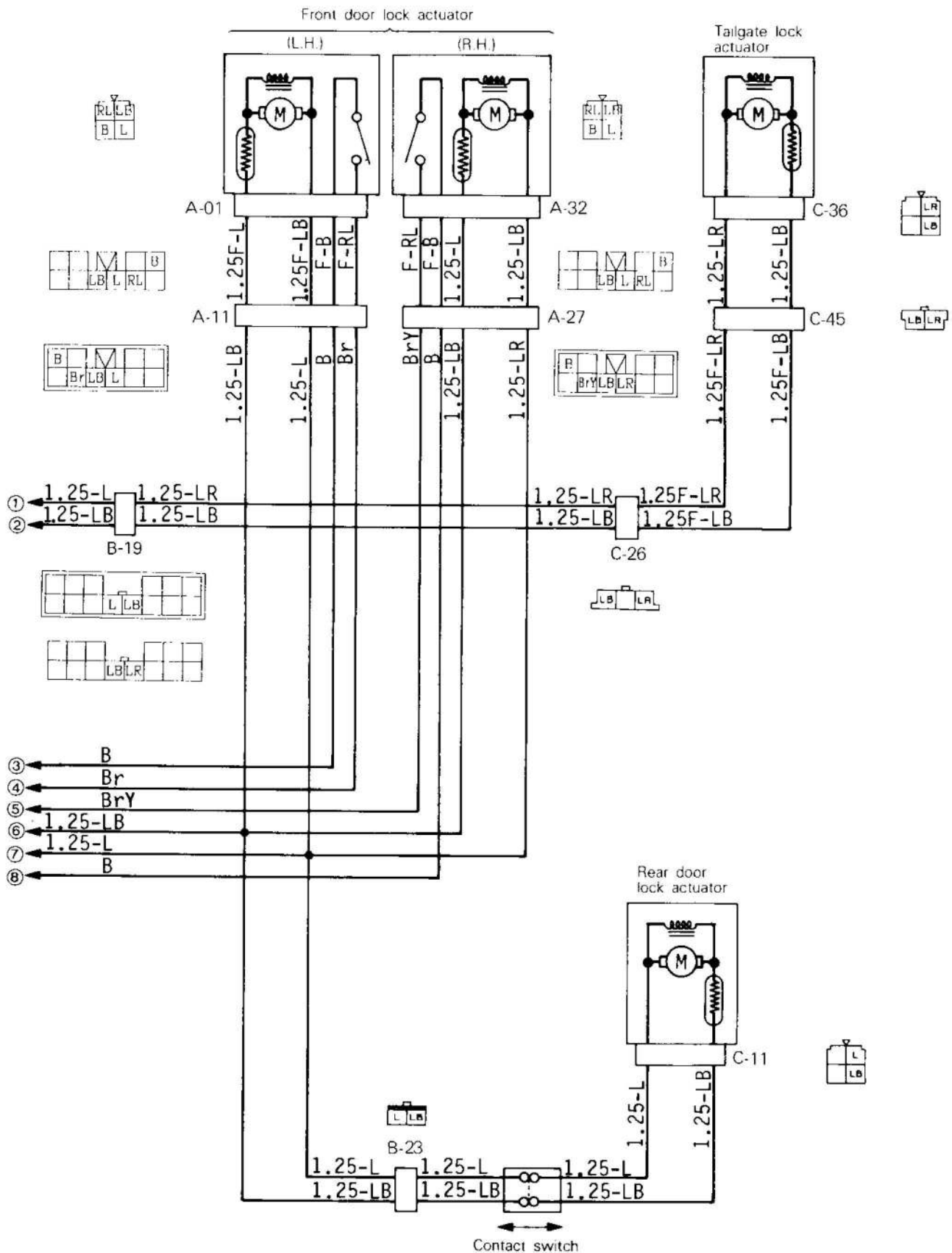
22-2 All Doors and Tailgate



Remark  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)







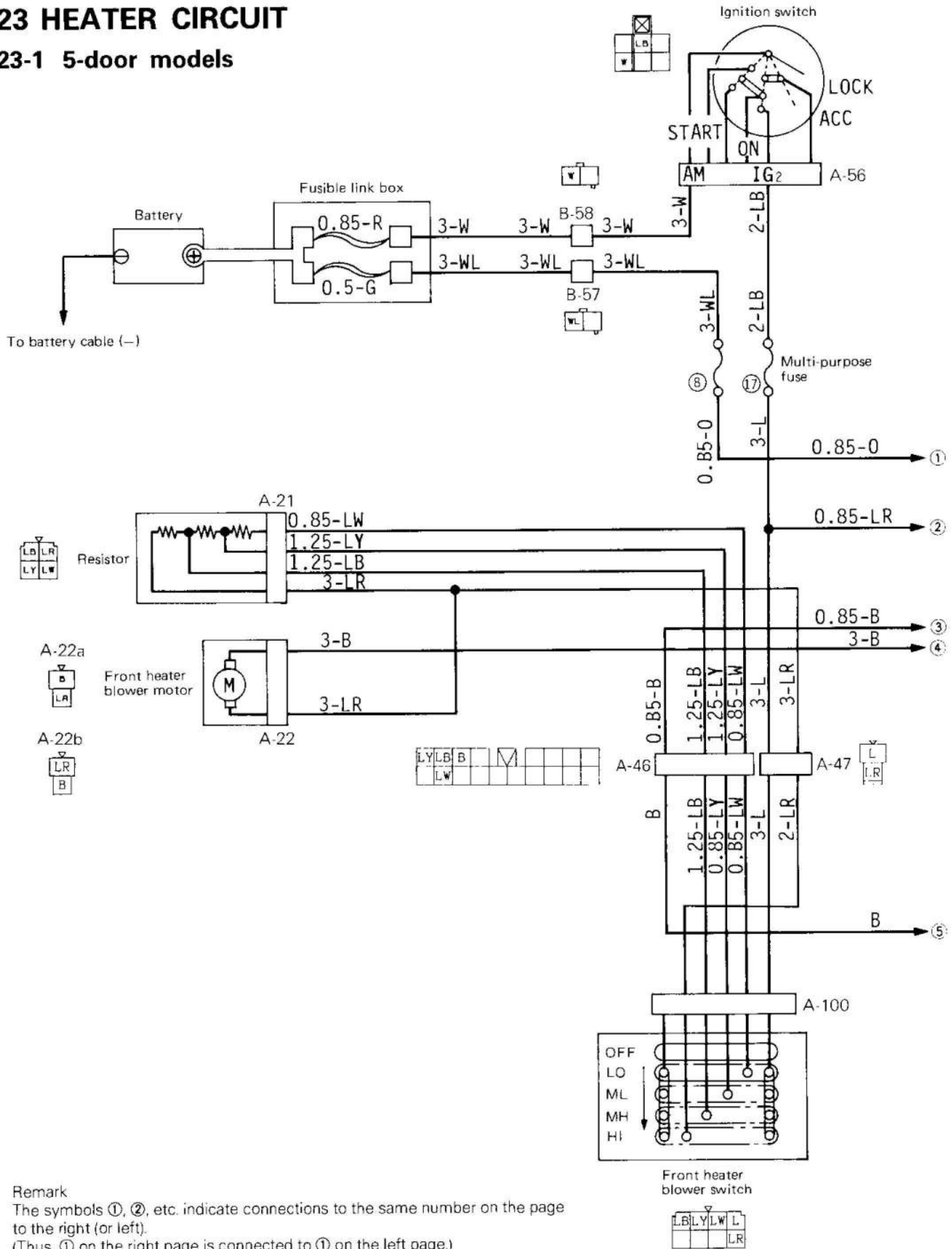
Wire colour code

B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	W: White
				Y: Yellow	

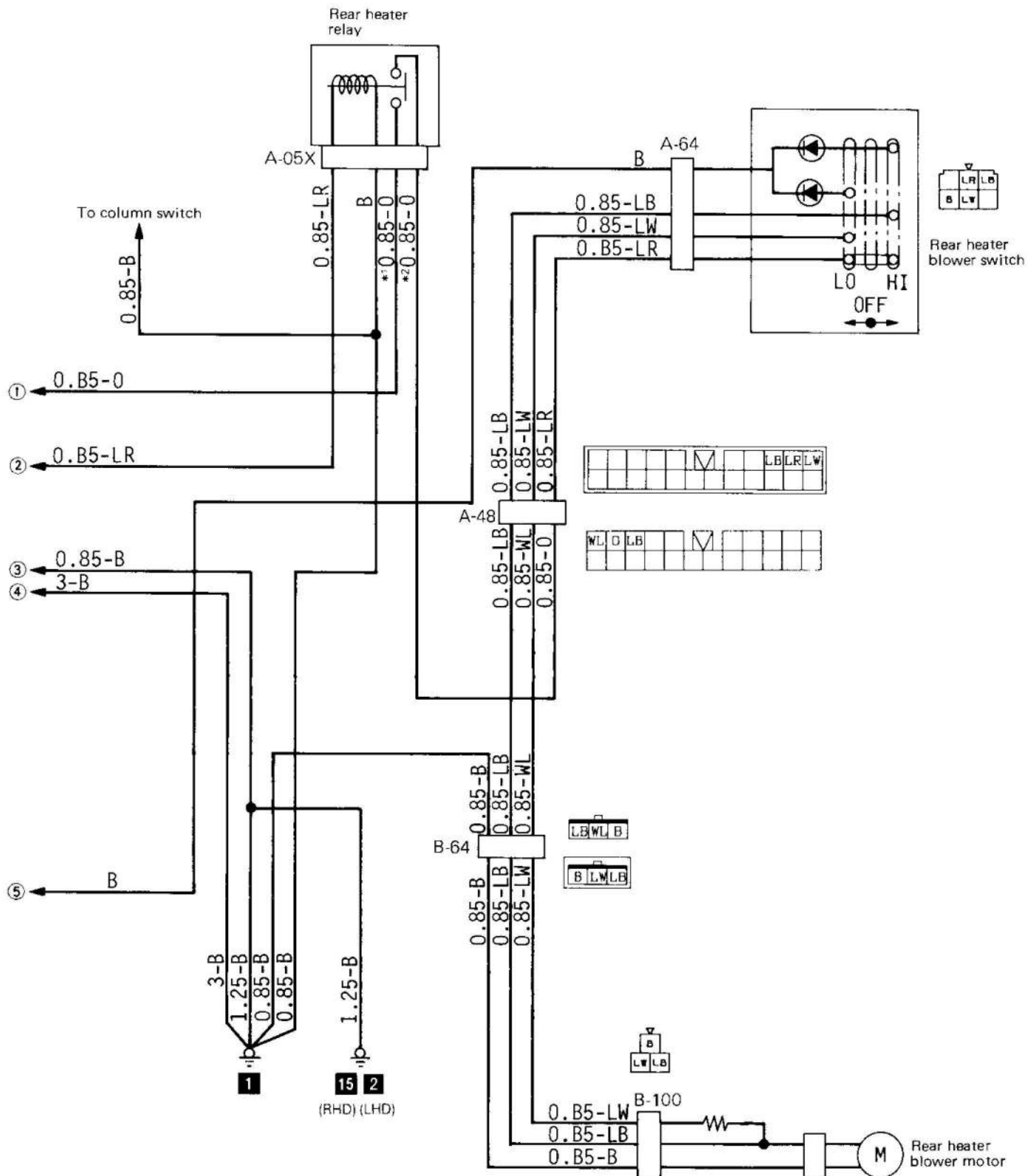
37G0381

# 23 HEATER CIRCUIT

## 23-1 5-door models



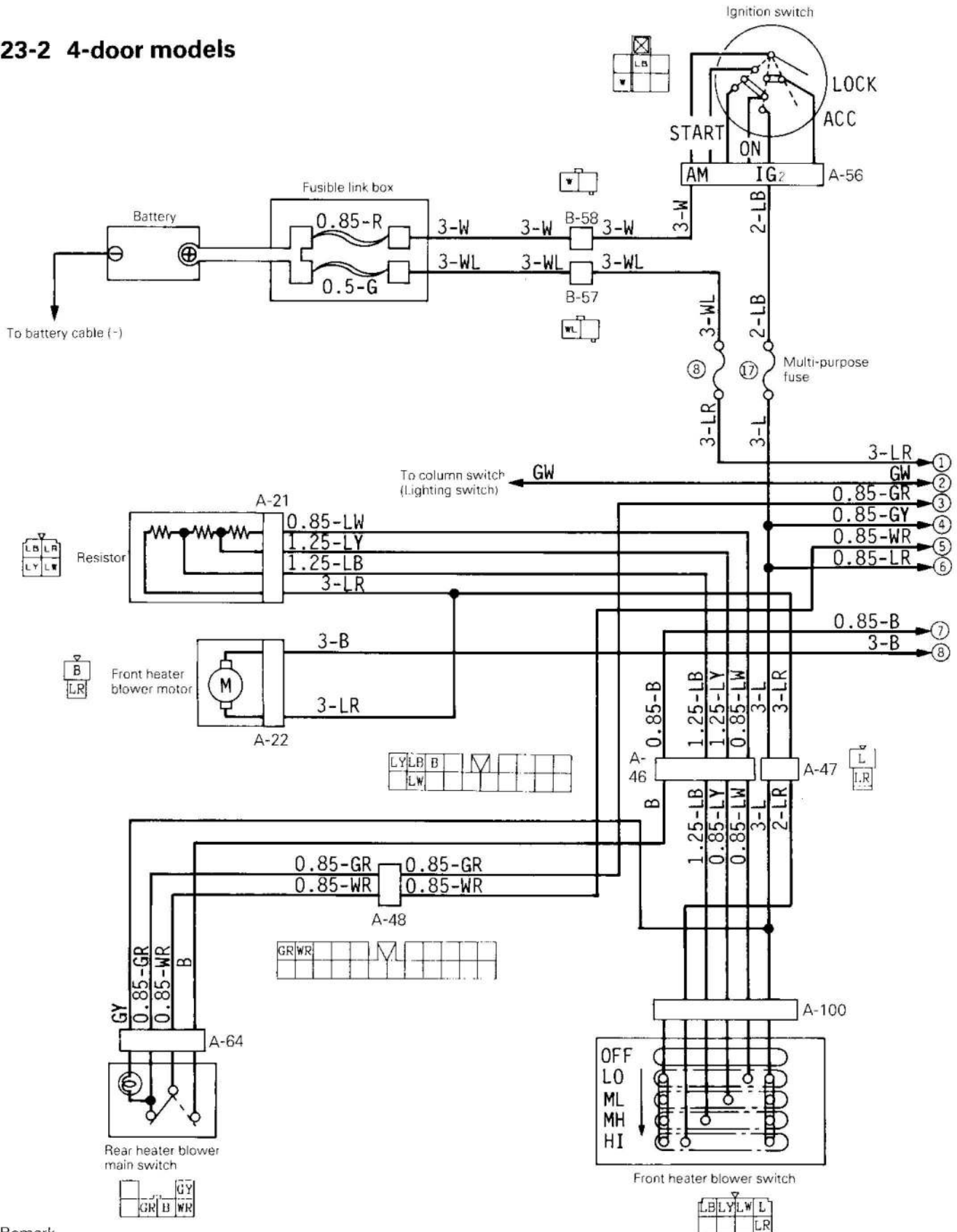
Remark  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)



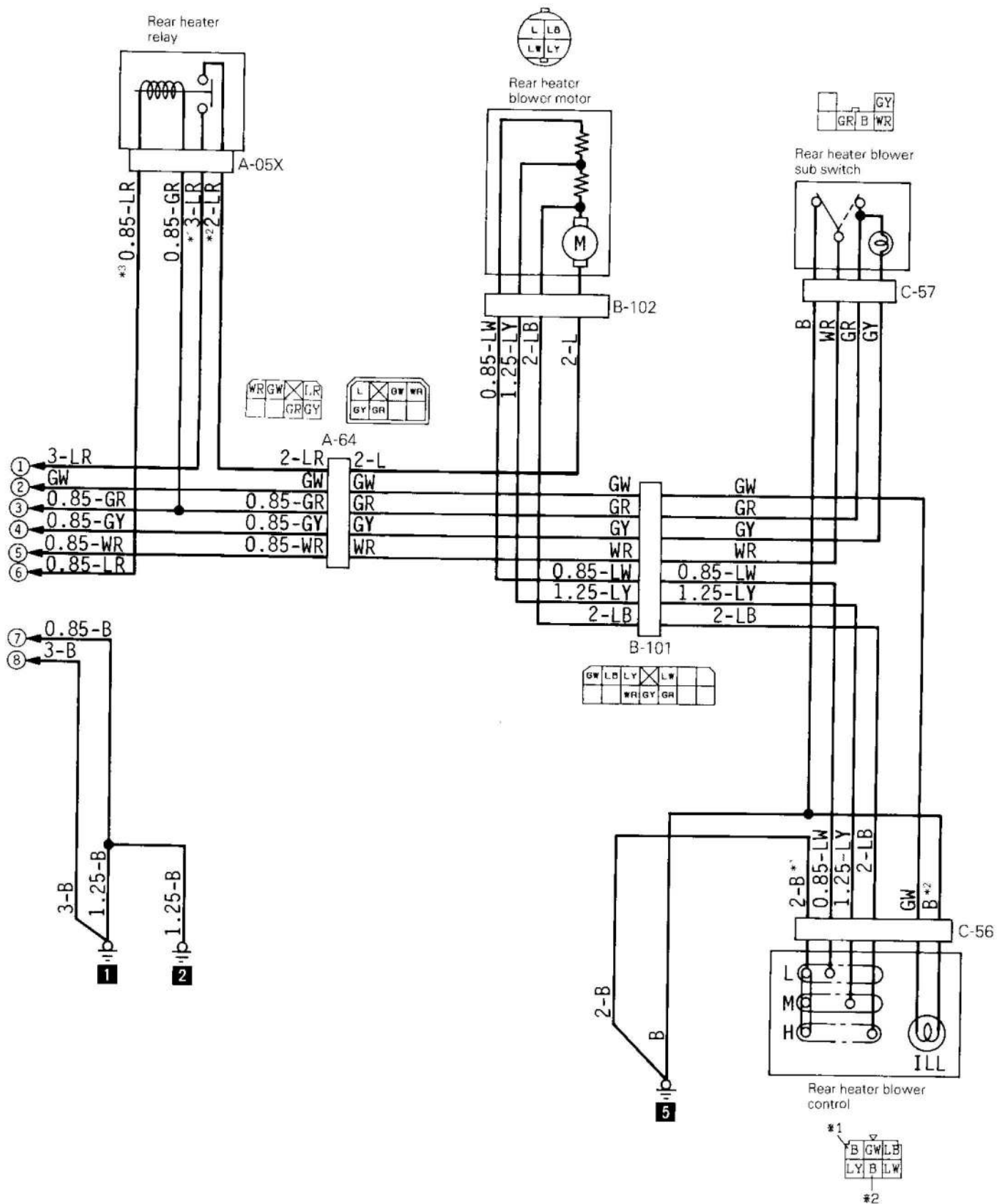
Wire colour code

B: Black    Br: Brown    G: Green    Gr: Gray    L: Blue    Lg: Light green  
 O: Orange    P: Pink    R: Red    Sb: Sky blue    V: Violet    W: White    Y: Yellow

23-2 4-door models



Remark  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)



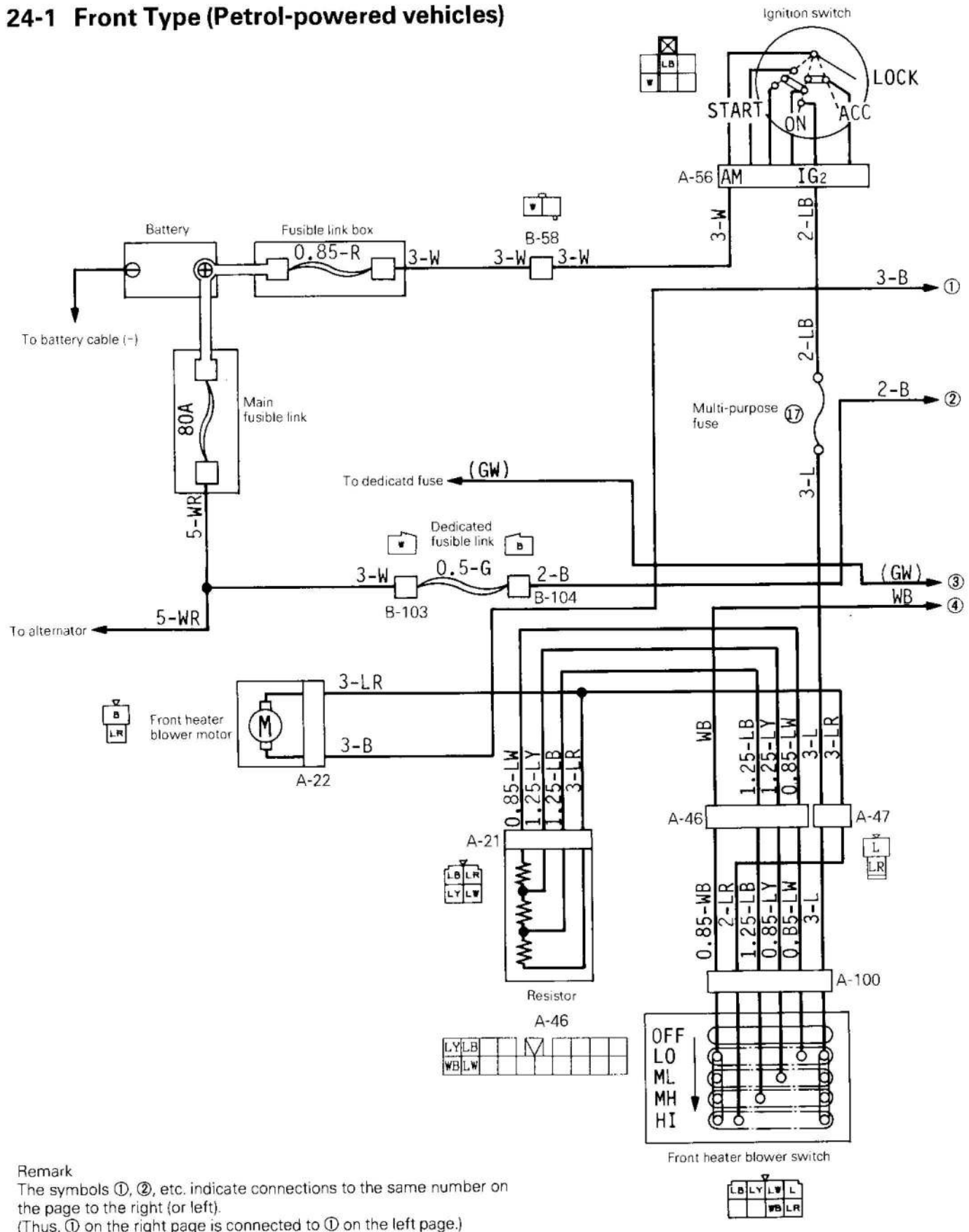
37G0383

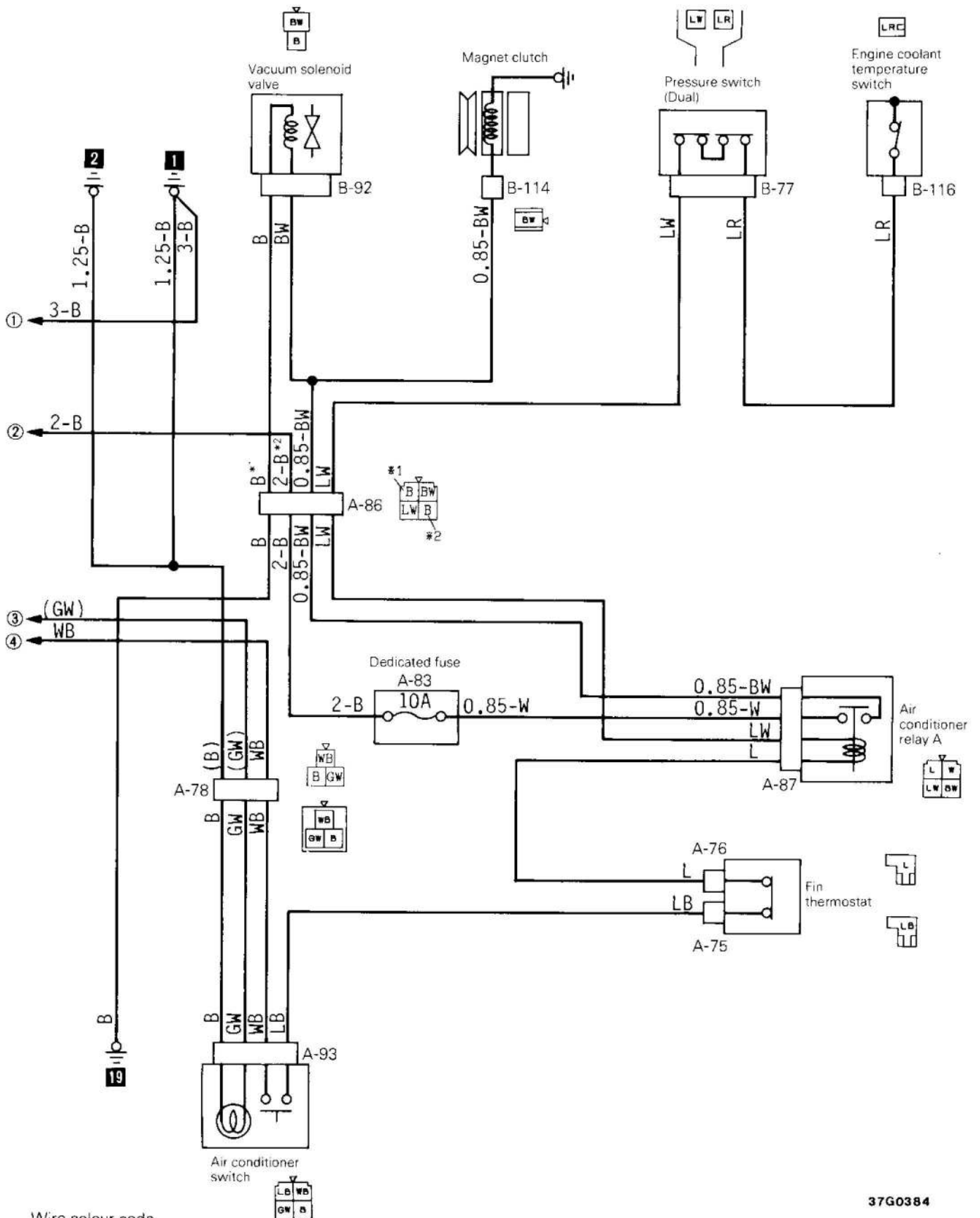
Wire colour code

- |           |           |          |              |           |                 |
|-----------|-----------|----------|--------------|-----------|-----------------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        |
|           |           |          |              | Y: Yellow |                 |

# 24 AIR CONDITIONER CIRCUIT

## 24-1 Front Type (Petrol-powered vehicles)



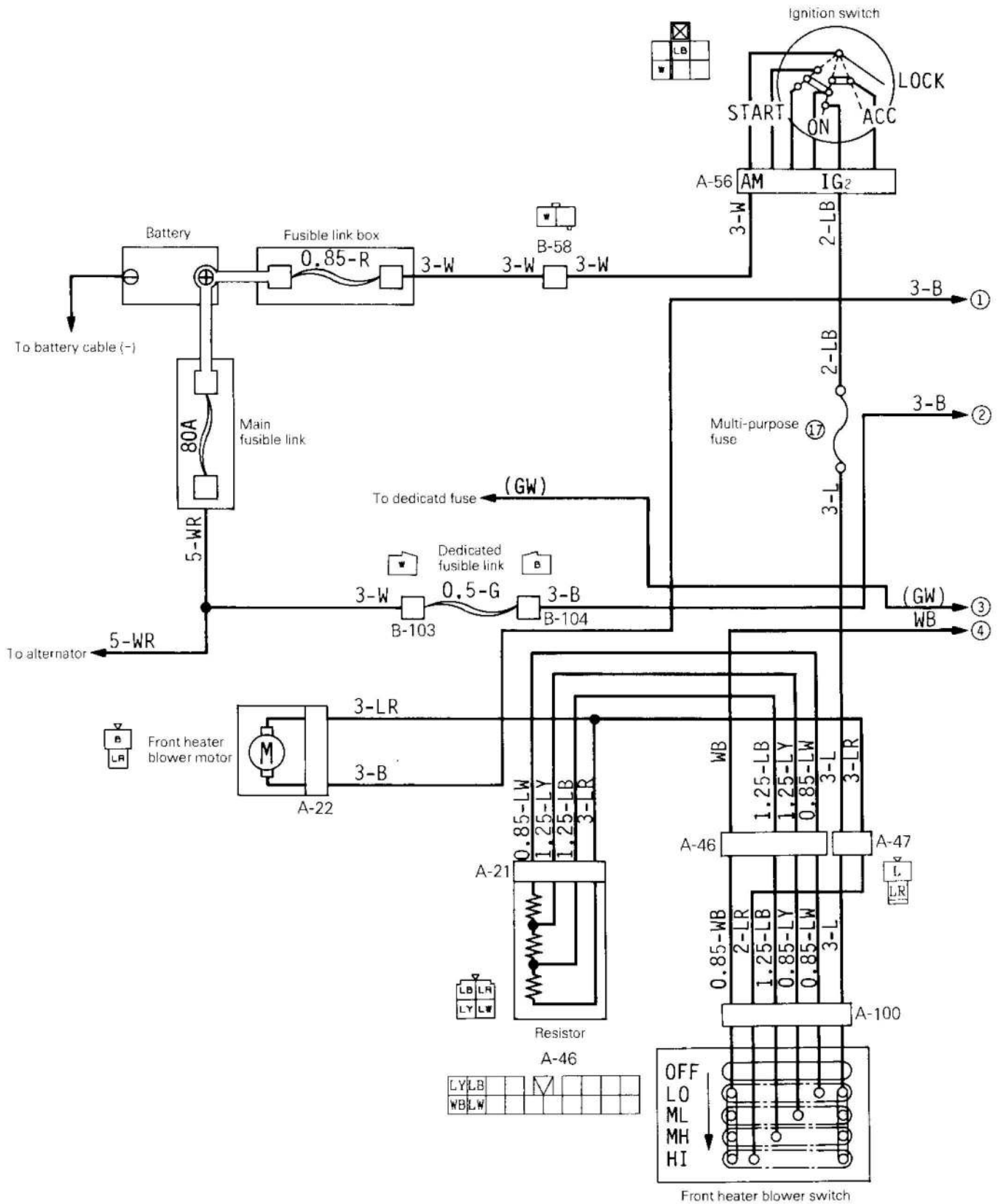


Wire colour code

- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |

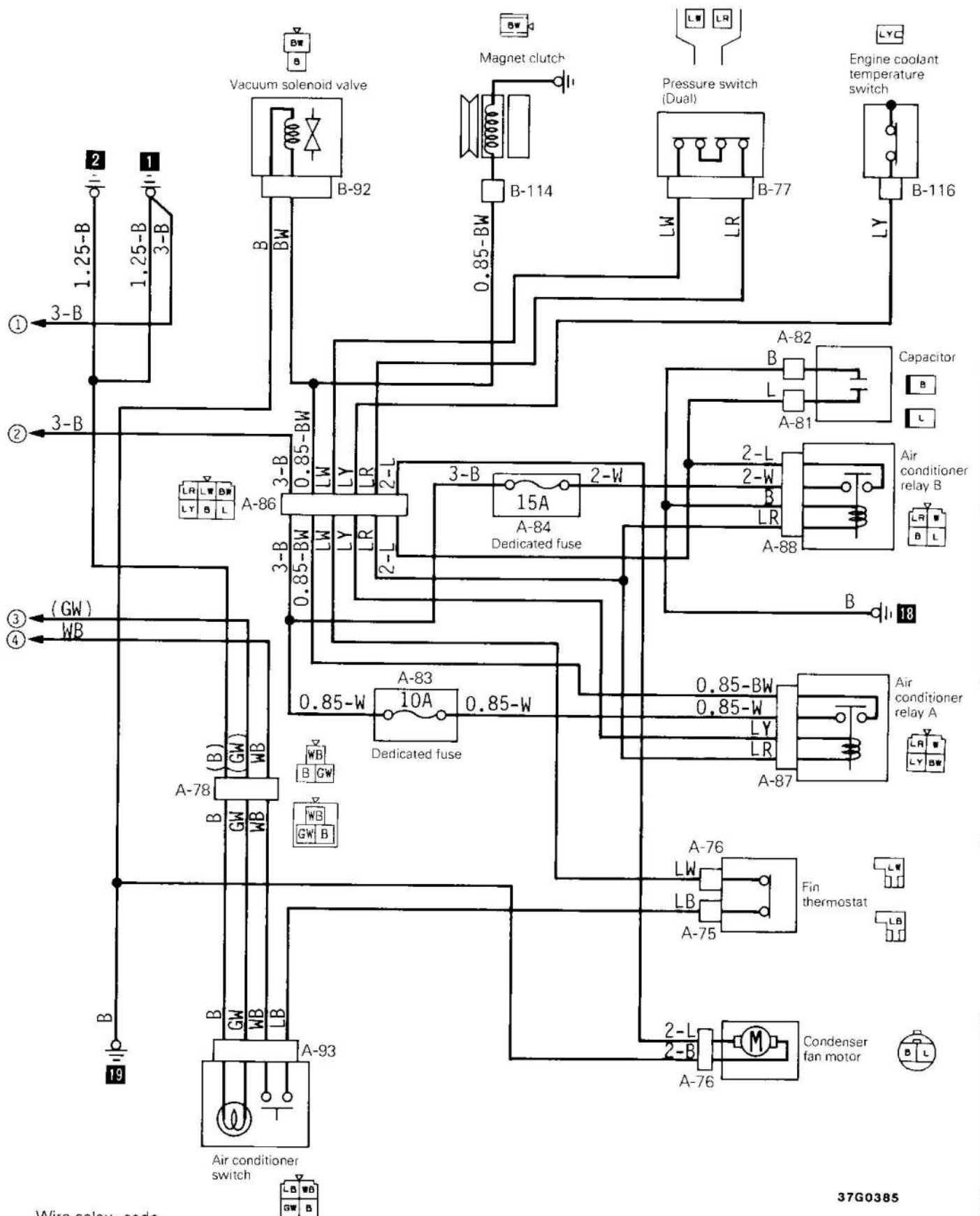
37G0384

24-2 Front Type (Diesel-powered vehicles)



Remark  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)



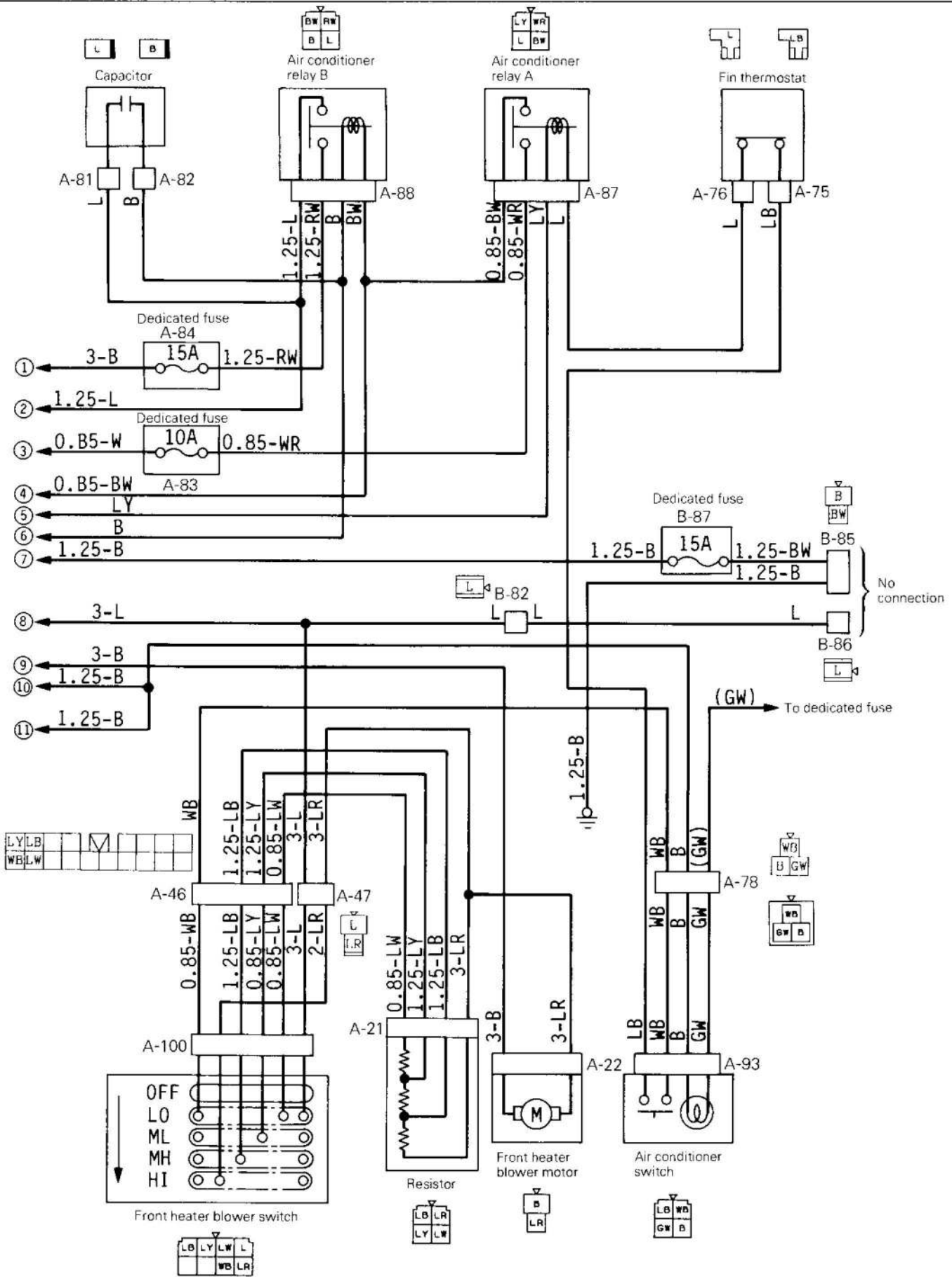


Wire colour code

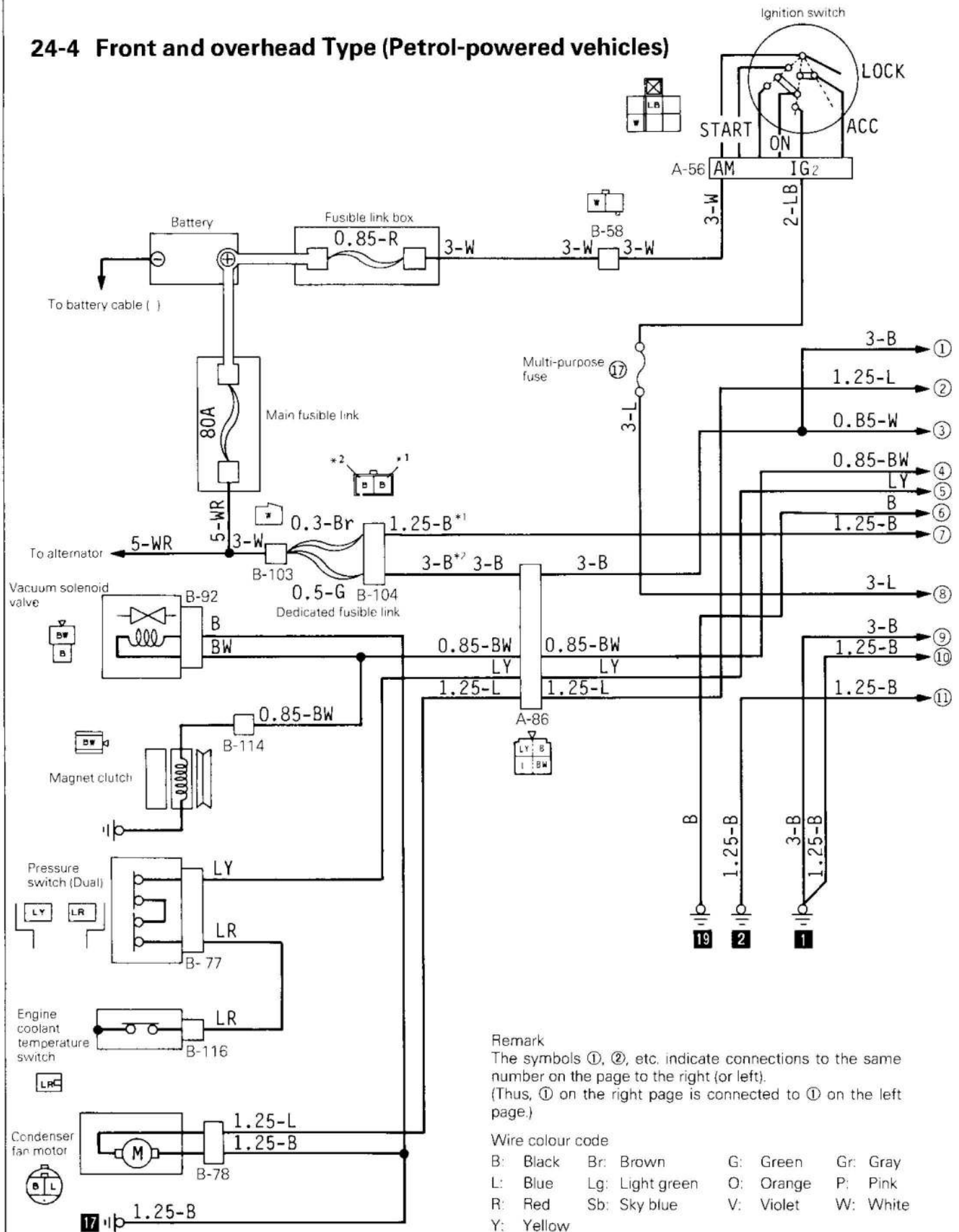
- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |

37G0385



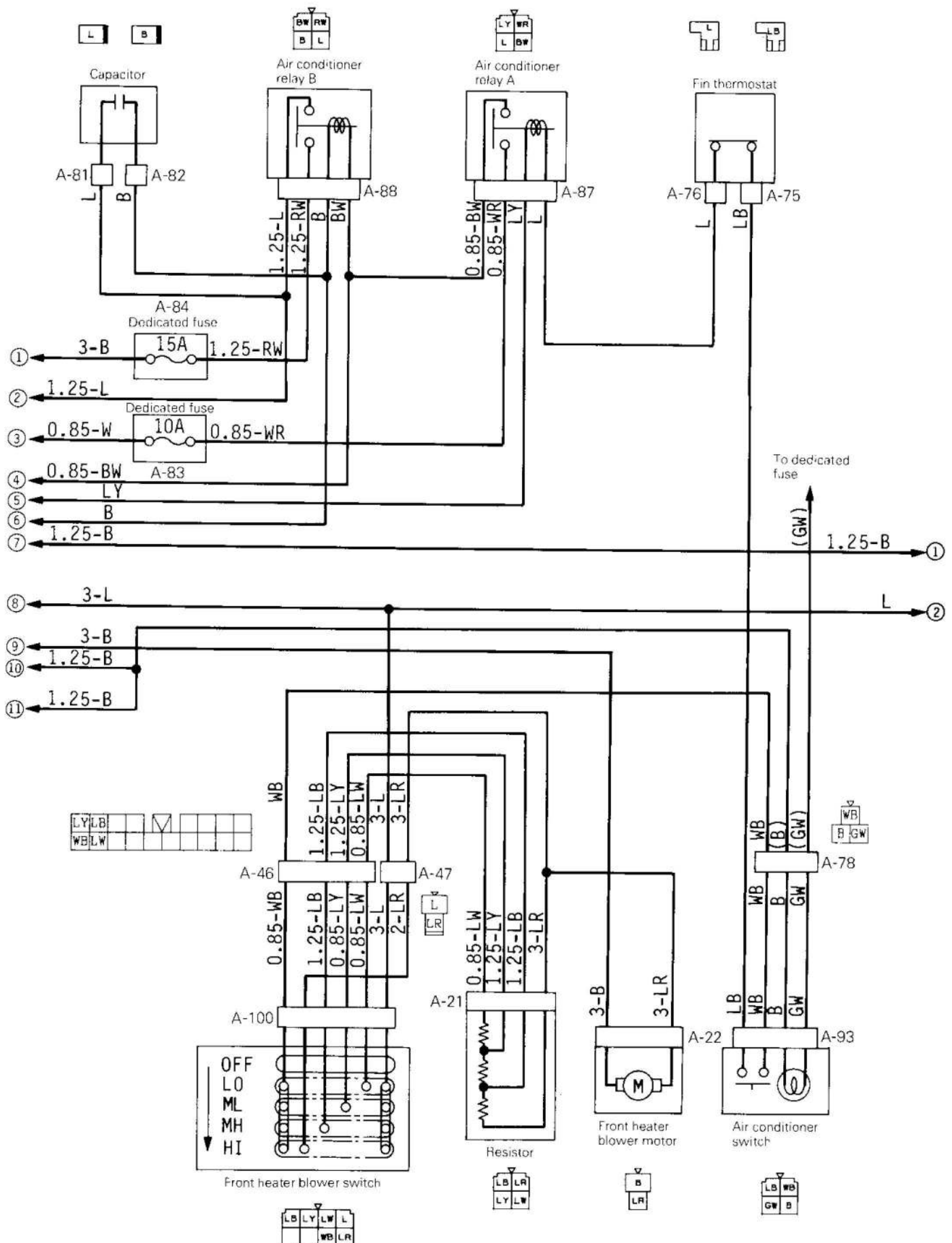


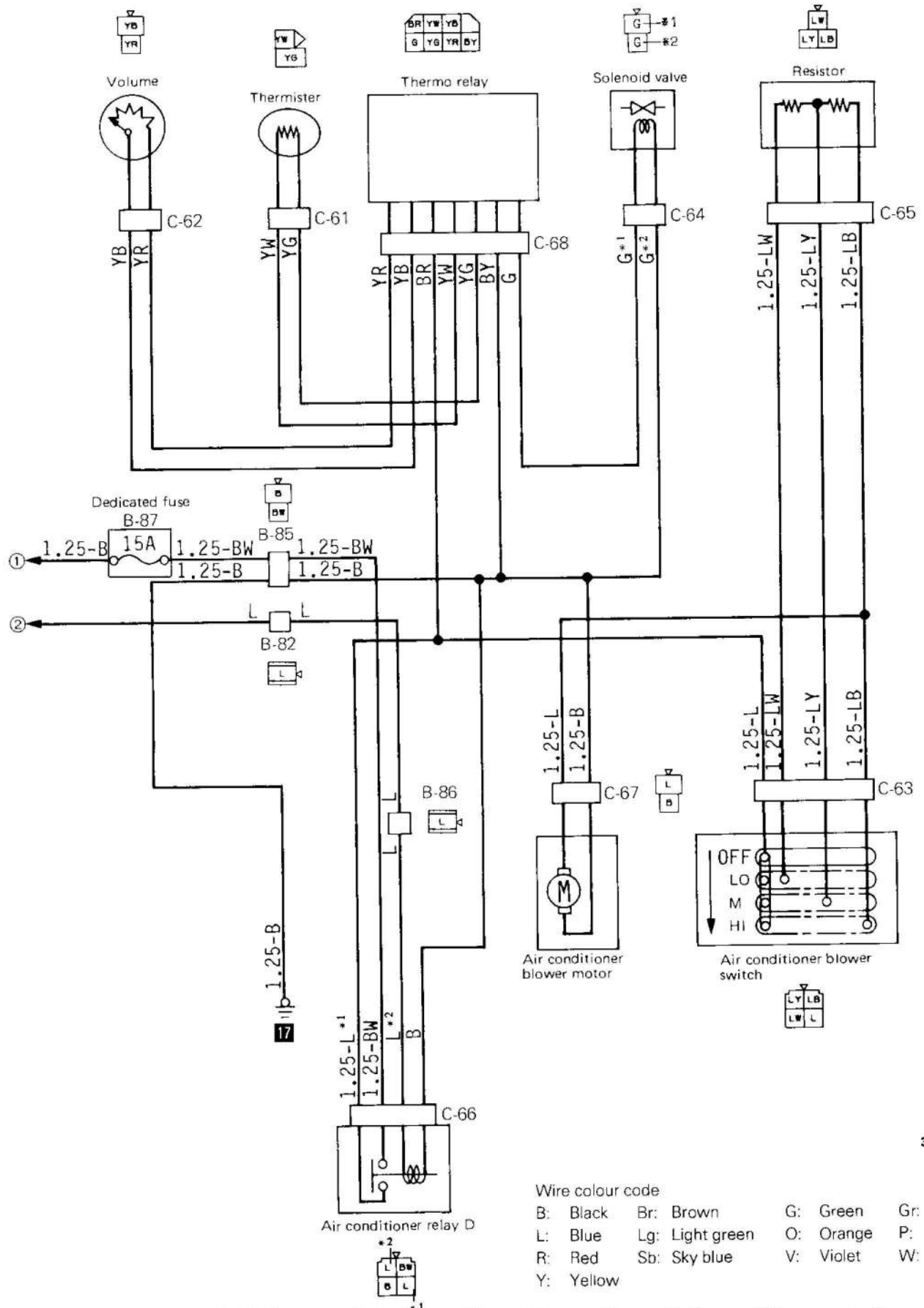
24-4 Front and overhead Type (Petrol-powered vehicles)



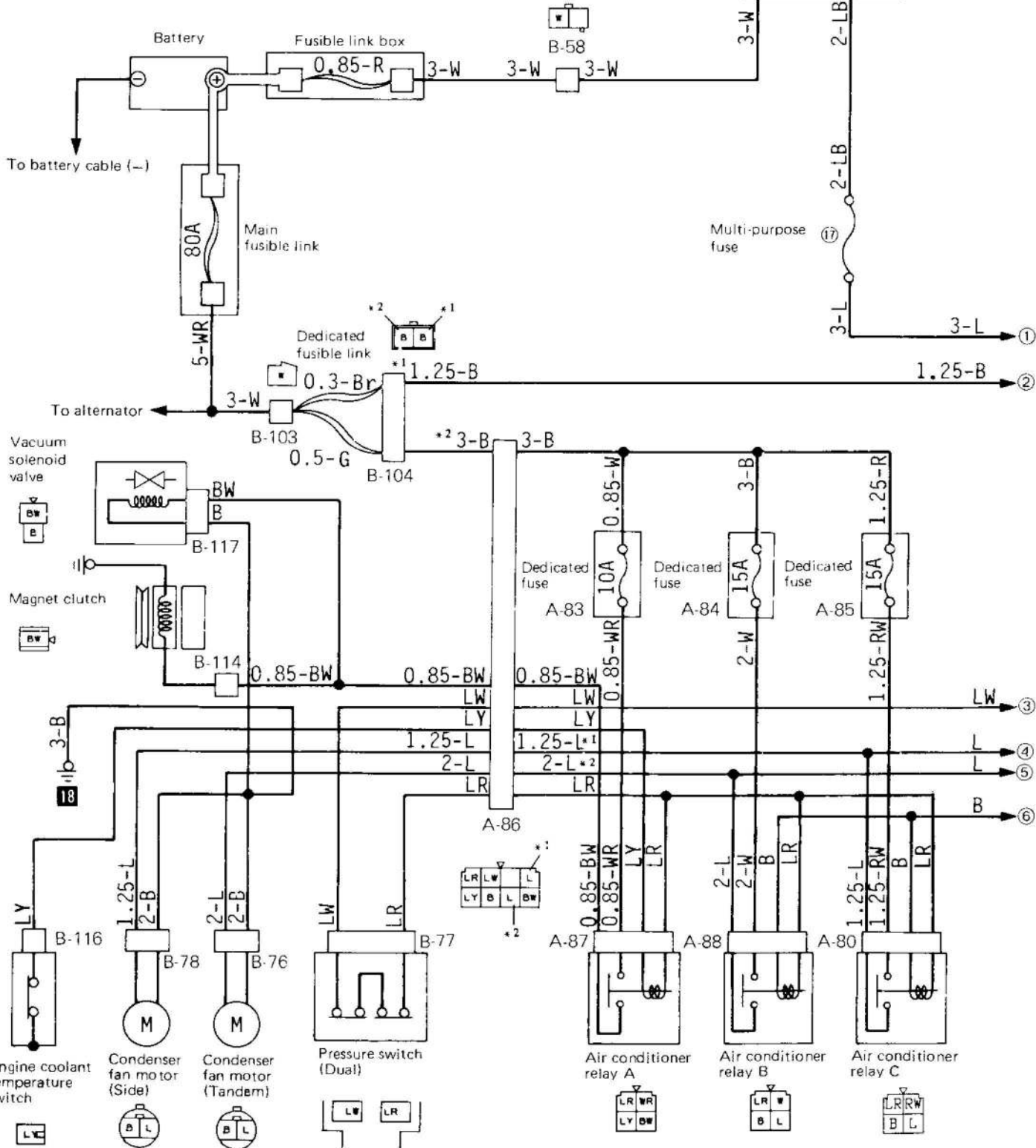
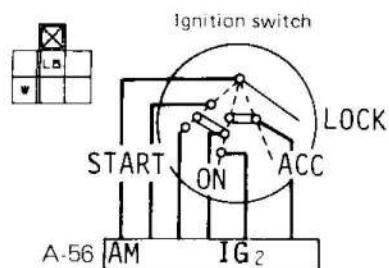
Remark  
The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
(Thus, ① on the right page is connected to ① on the left page.)

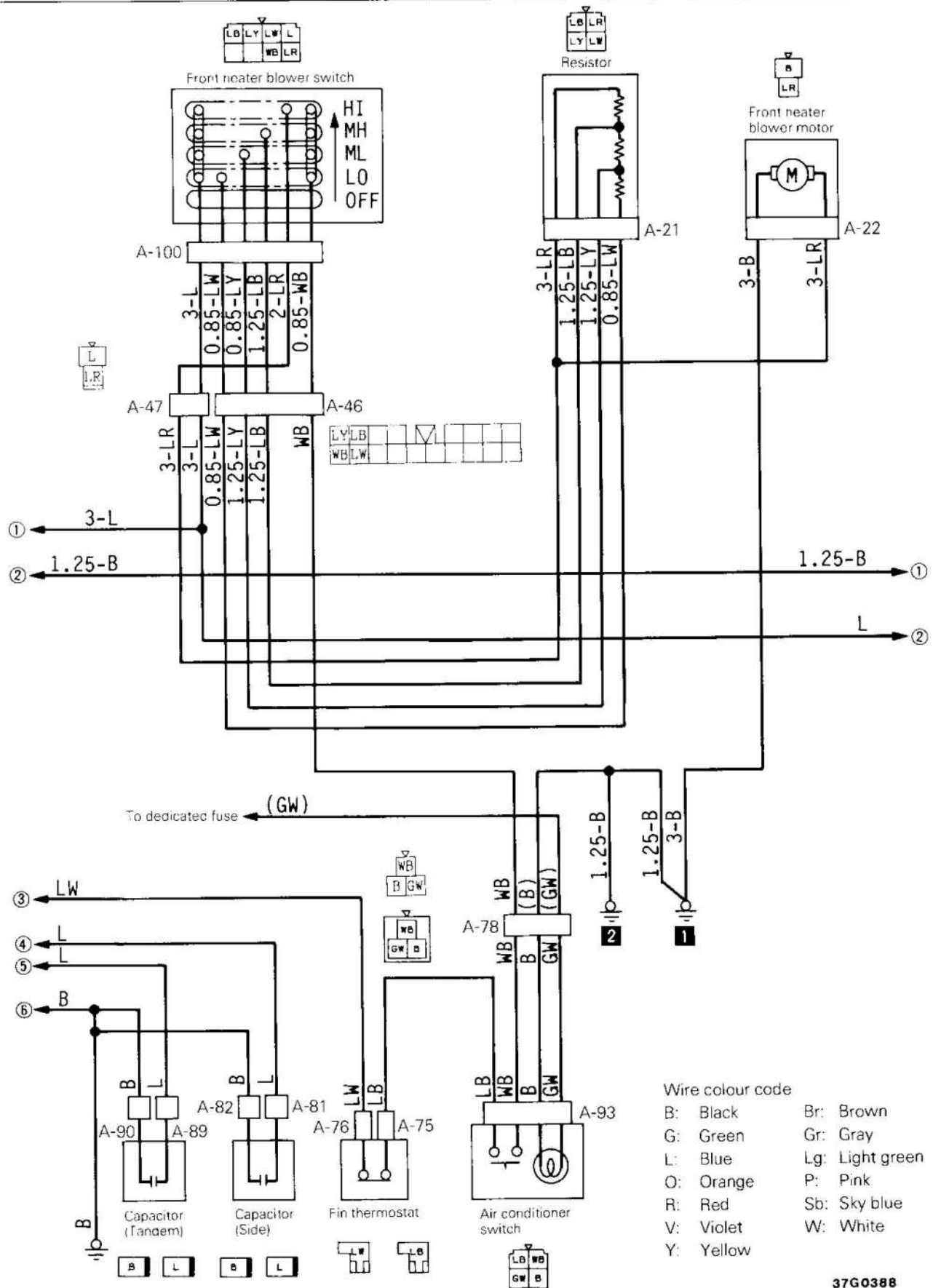
Wire colour code  
B: Black    Br: Brown    G: Green    Gr: Gray  
L: Blue    Lg: Light green    O: Orange    P: Pink  
R: Red    Sb: Sky blue    V: Violet    W: White  
Y: Yellow





24-5 Front and overhead Type  
(Diesel-powered vehicles)

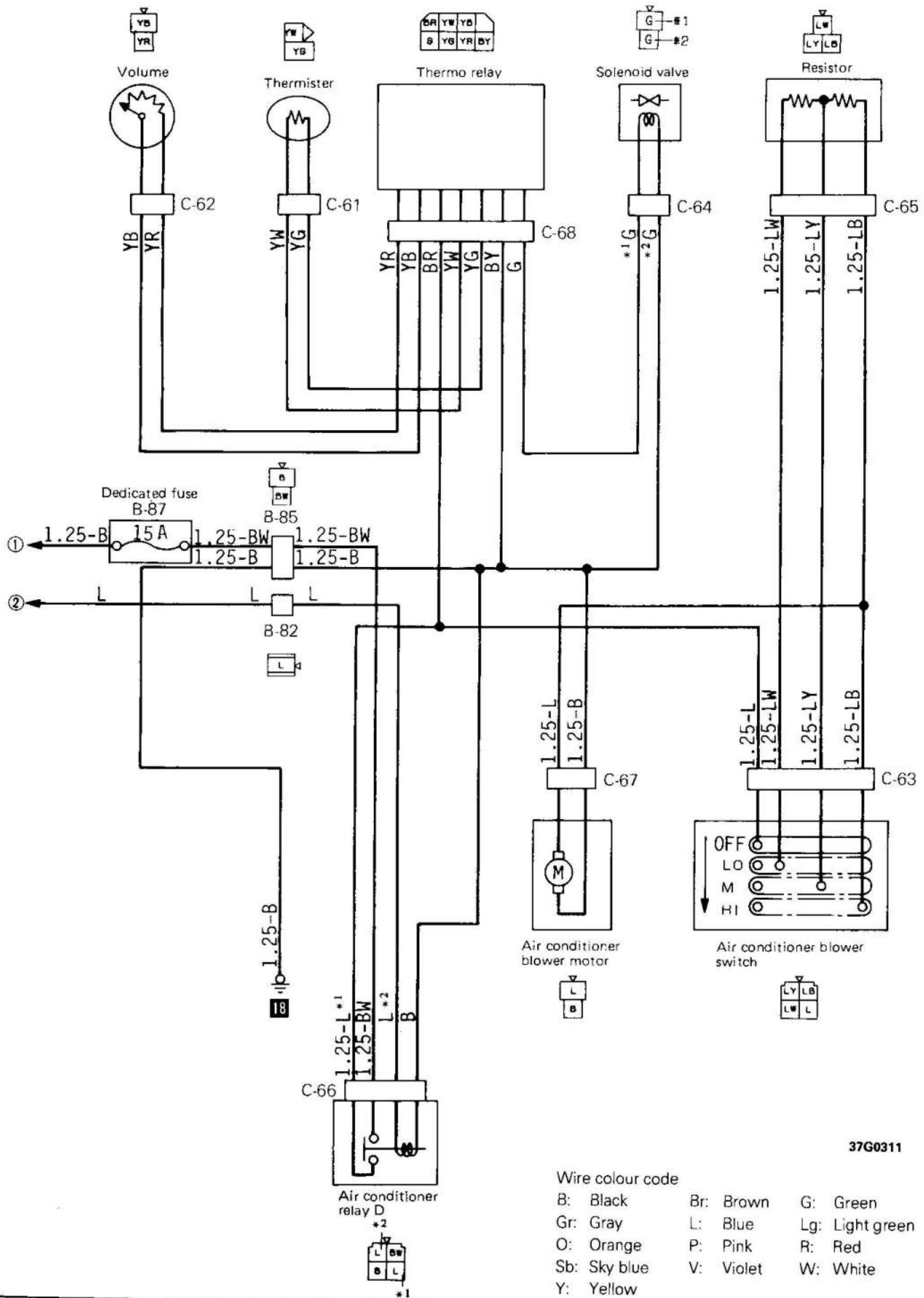




Remark

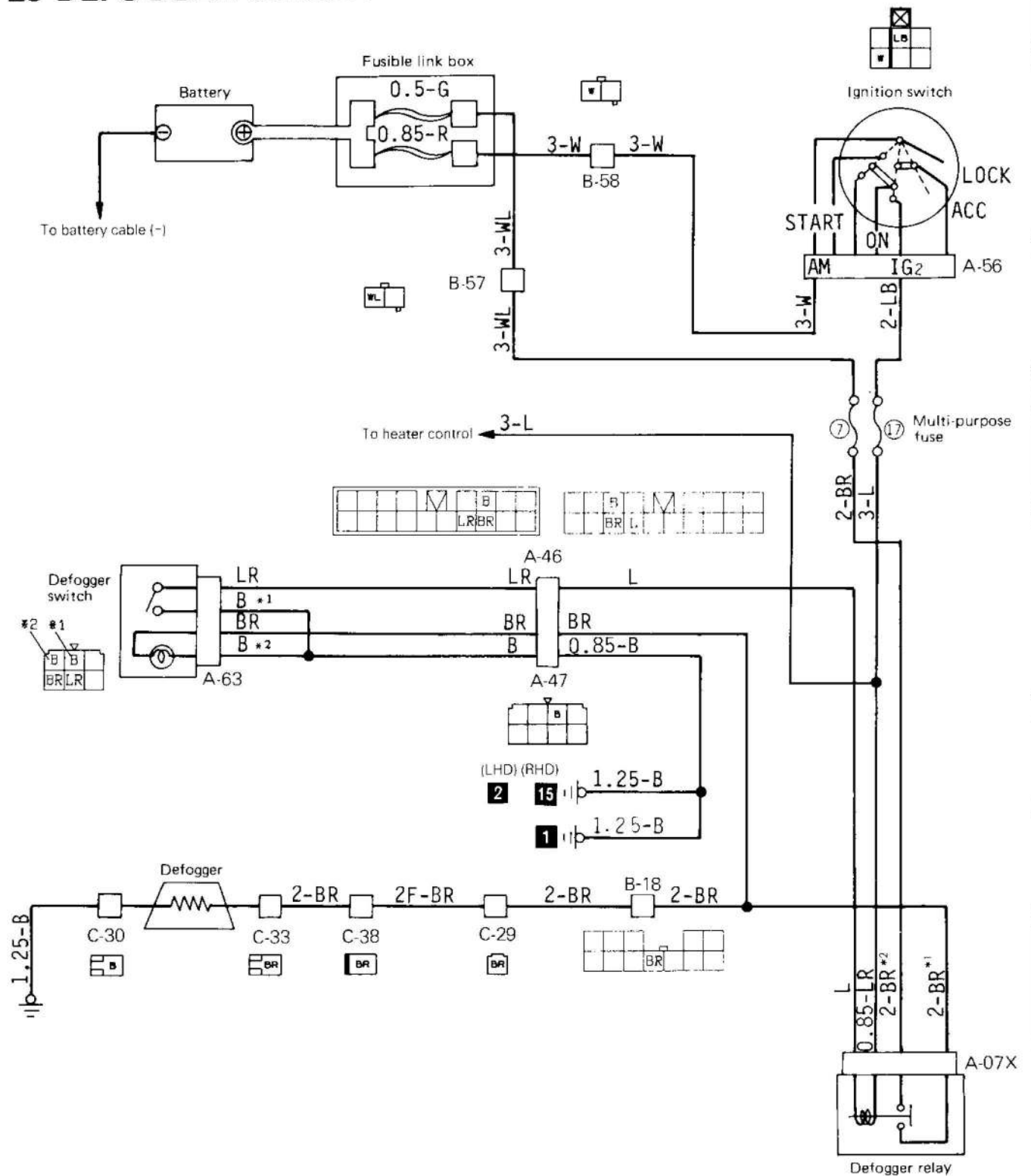
The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)





37G0311

### 25 DEFOGGER CIRCUIT

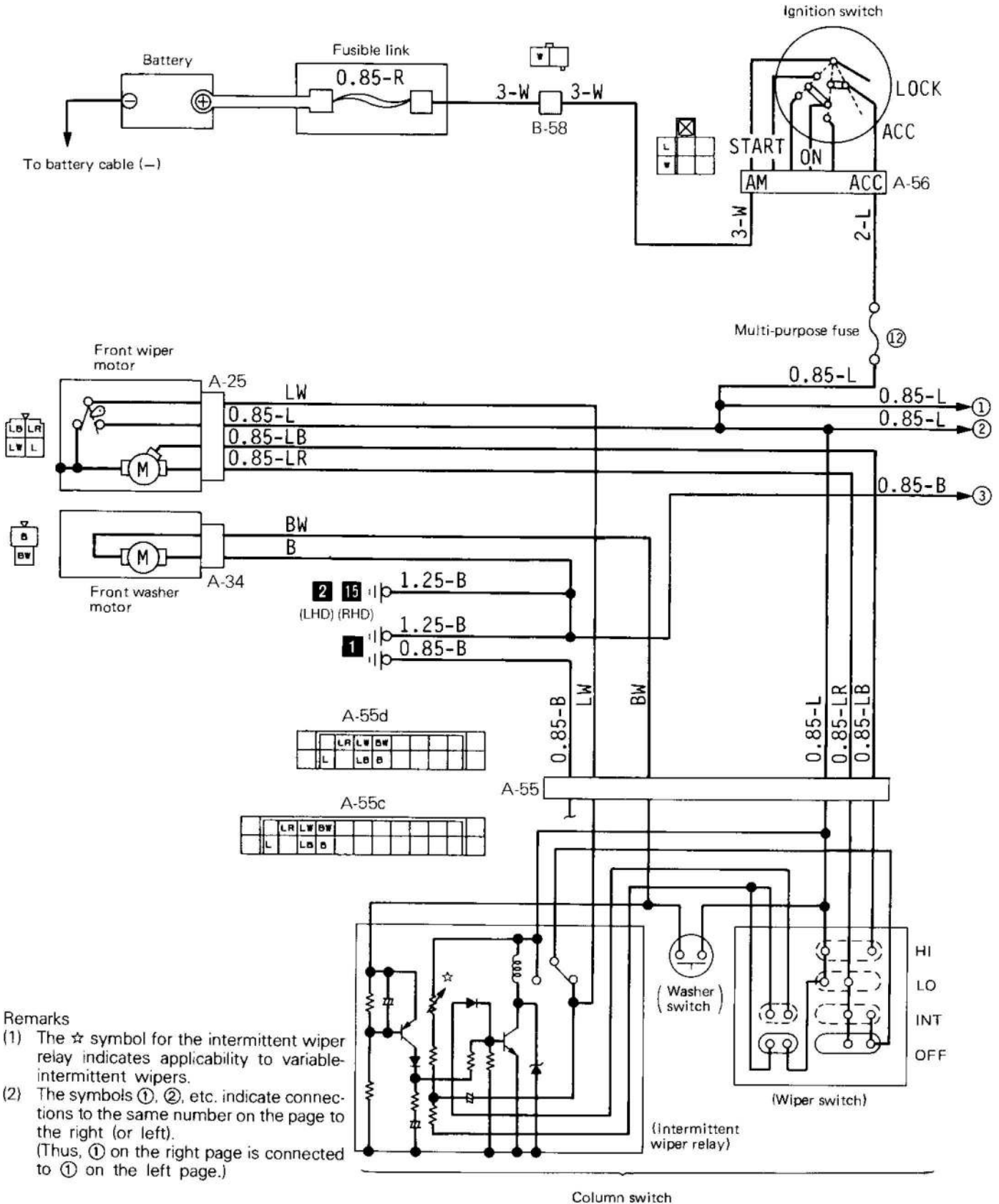


Wire colour code

- |           |           |          |              |           |                 |
|-----------|-----------|----------|--------------|-----------|-----------------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | Y: Yellow       |

# 26 WIPER AND WASHER CIRCUIT

## 26-2 Vehicles with rear wiper

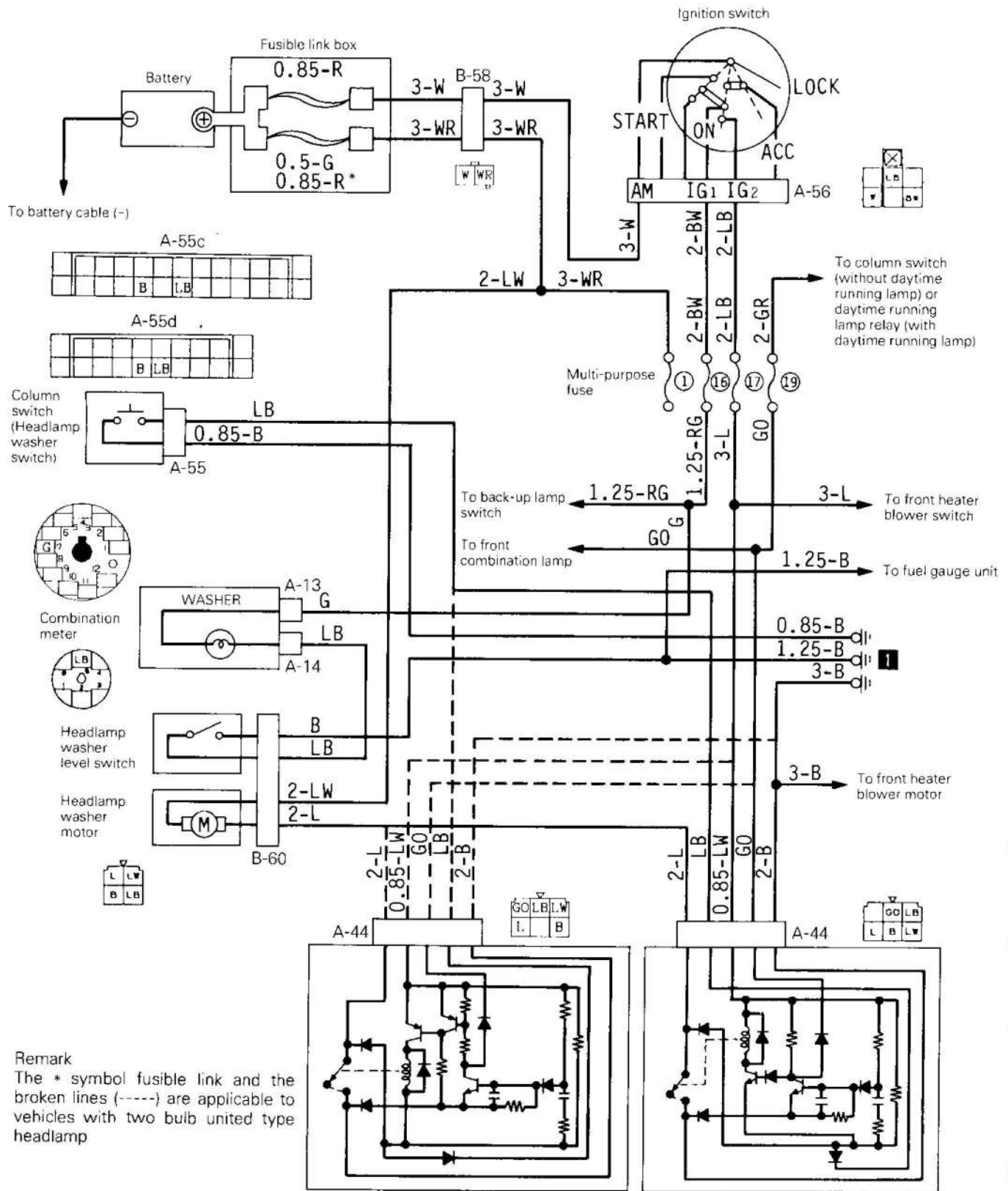


**Remarks**

- (1) The ☆ symbol for the intermittent wiper relay indicates applicability to variable-intermittent wipers.
- (2) The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)



# 27 HEADLAMP WASHER CIRCUIT (L.H. drive vehicles)



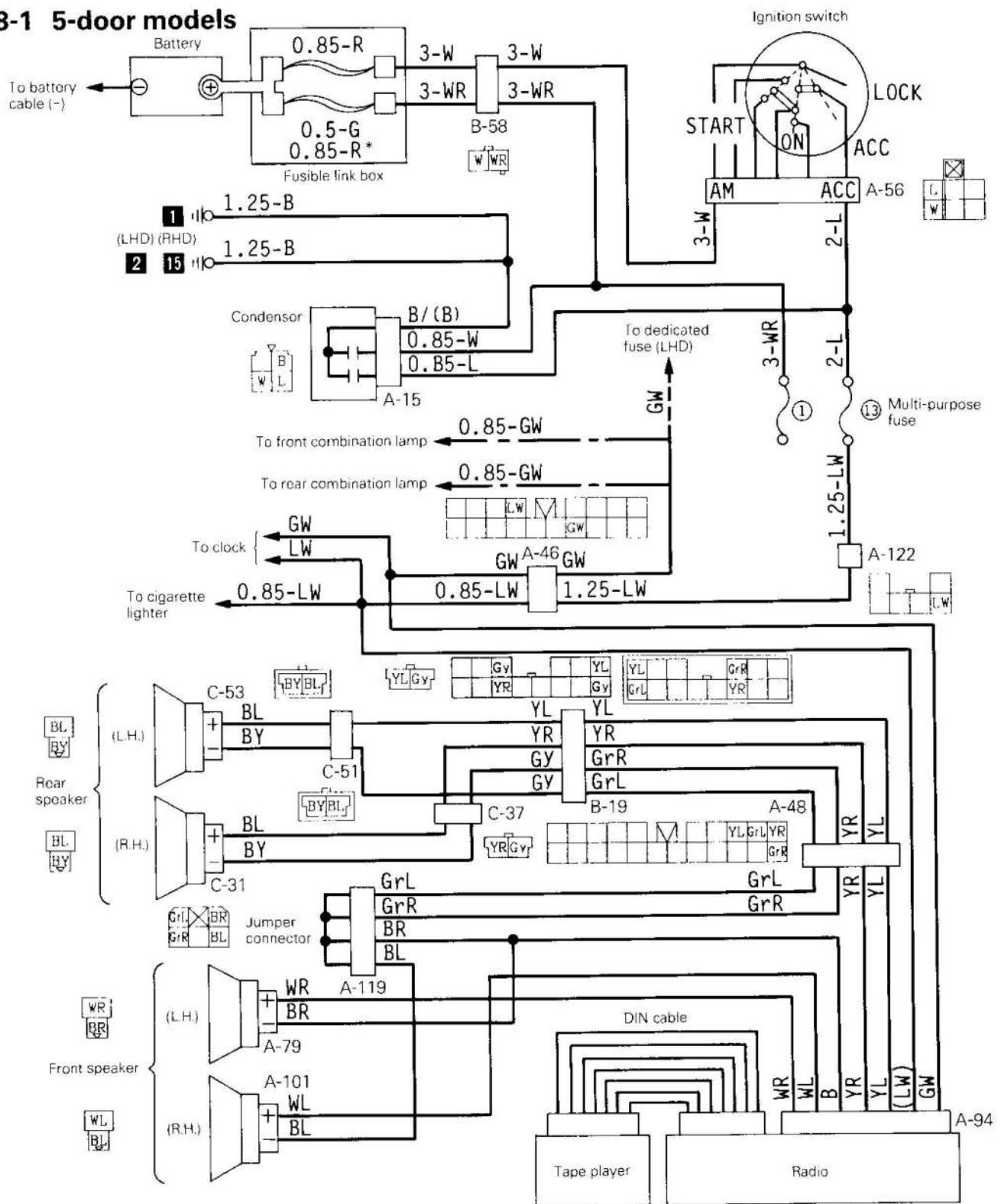
Remark  
The \* symbol fusible link and the broken lines (-----) are applicable to vehicles with two bulb united type headlamp

Wire colour code

- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |

# 28 AUDIO CIRCUIT

## 28-1 5-door models



**Remarks**

- (1) The \* symbol fusible link is applicable to vehicles with two bulb united type headlamp.
- (2) The broken line (----) is applicable to L.H. drive vehicles.
- (3) The chain lines (---) are applicable to R.H. drive vehicles.
- (4) Wires identified before "/" are installed on L.H. drive vehicles and those after "/" on R.H. drive vehicles.

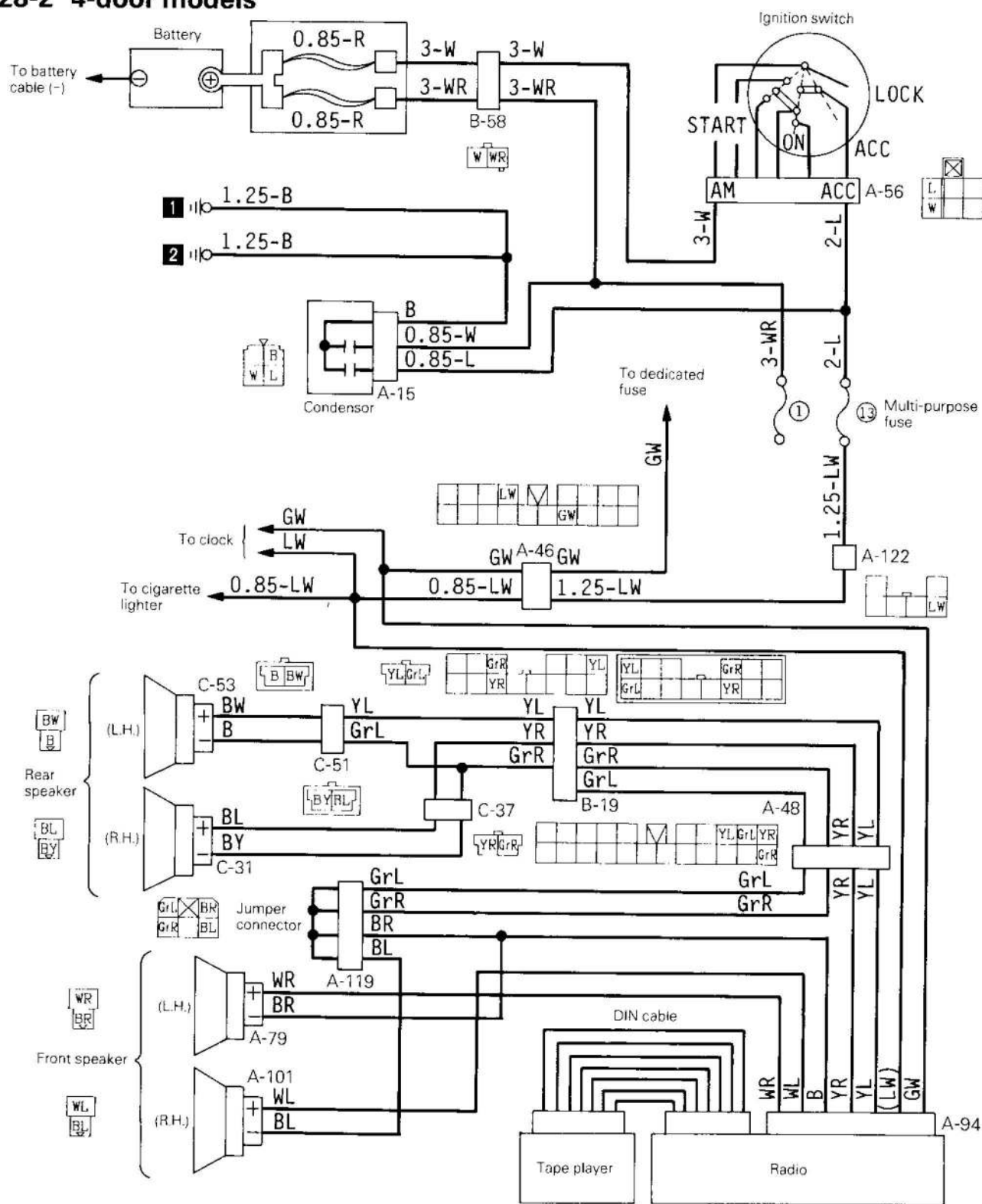
**Wire colour code**

- B: Black    Br: Brown    G: Green    Gr: Gray
- L: Blue    Lg: Light green    O: Orange    P: Pink
- R: Red    Sb: Sky blue    V: Violet    W: White
- Y: Yellow

WL	YR	Gr	GW
B	WR	YL	LW

37G0393

28-2 4-door models



37G0394

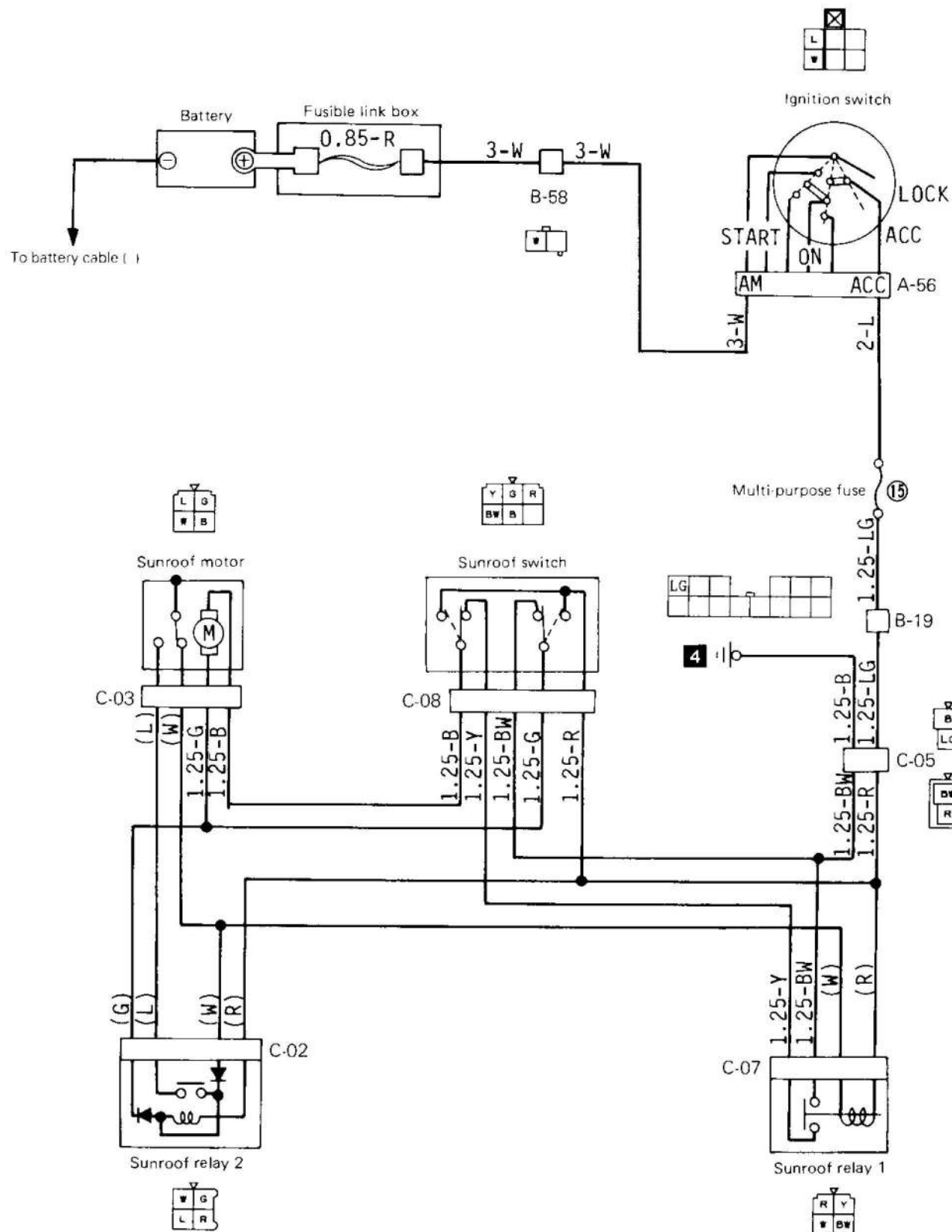
Wire colour code

- |           |                 |           |          |
|-----------|-----------------|-----------|----------|
| B: Black  | Br: Brown       | G: Green  | Gr: Gray |
| L: Blue   | Lg: Light green | O: Orange | P: Pink  |
| R: Red    | Sb: Sky blue    | V: Violet | W: White |
| Y: Yellow |                 |           |          |





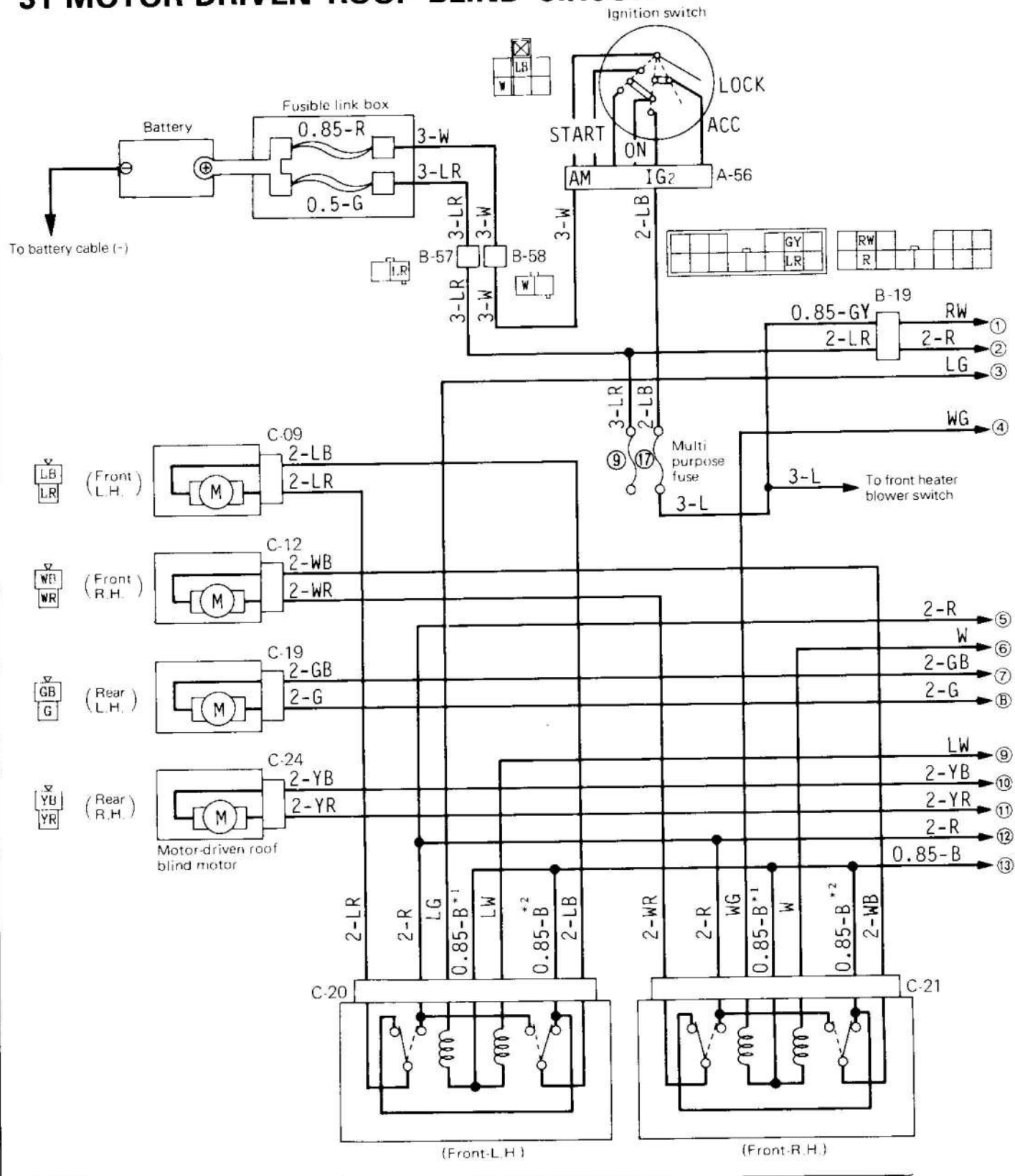
### 30 SUNROOF CIRCUIT



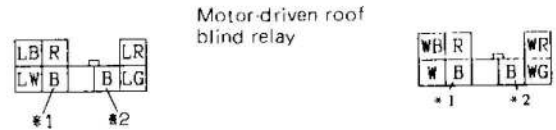
Wire colour code

- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |

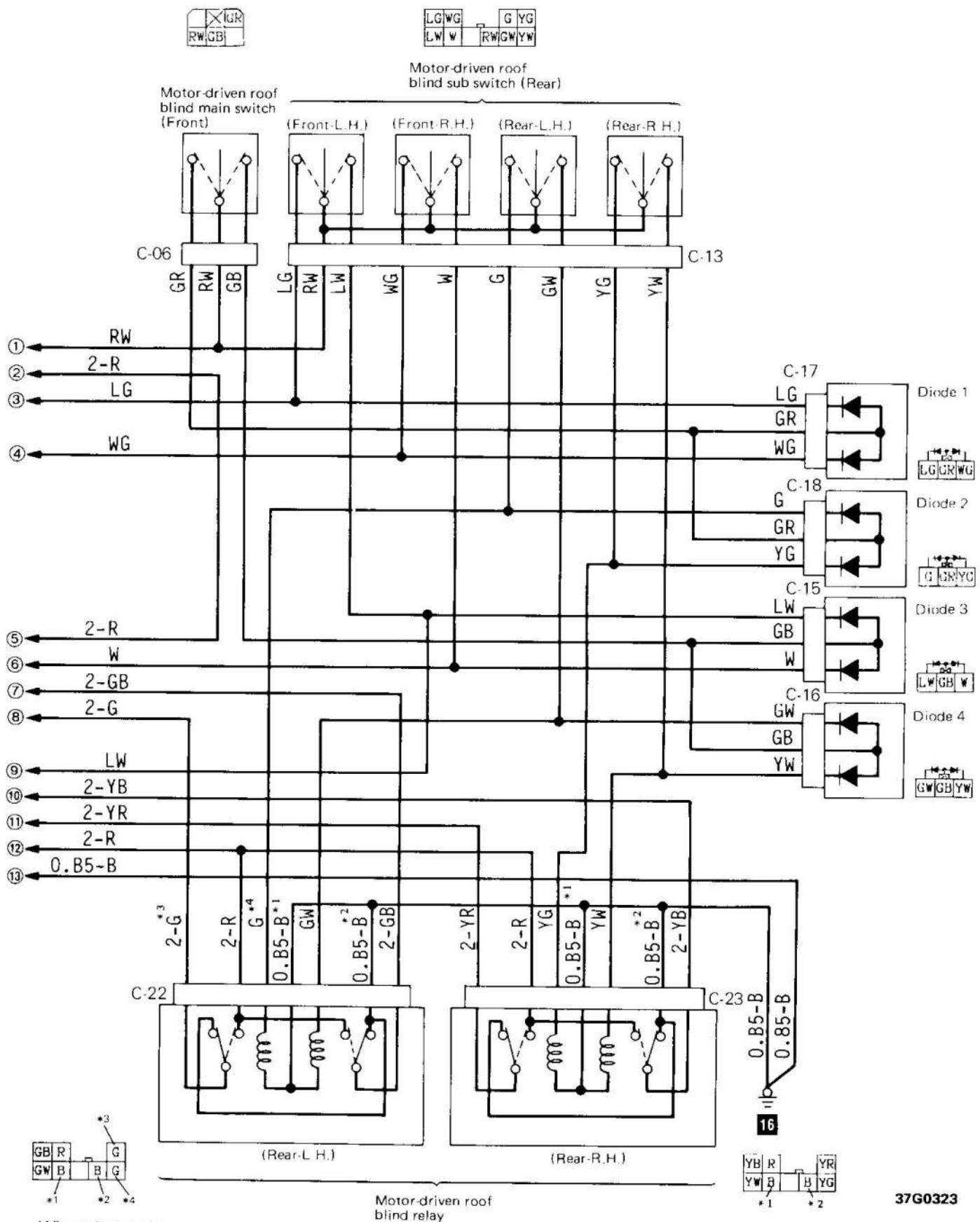
### 31 MOTOR-DRIVEN ROOF BLIND CIRCUIT



**Remark**  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)



Motor-driven roof blind relay

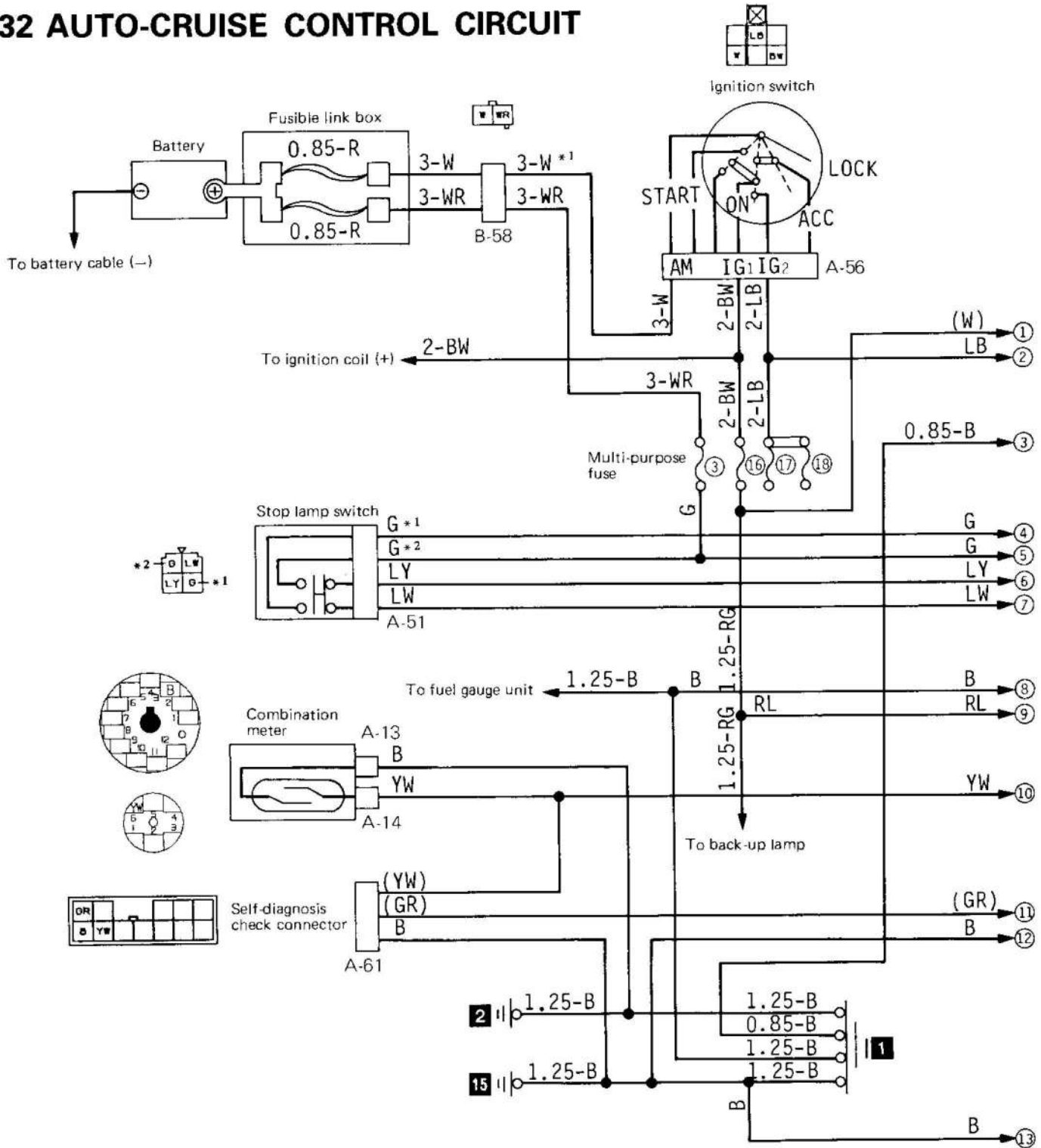


37G0323

Wire colour code

- |           |           |          |              |           |                 |
|-----------|-----------|----------|--------------|-----------|-----------------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | Y: Yellow       |
|           |           |          |              | W: White  |                 |

32 AUTO-CRUISE CONTROL CIRCUIT

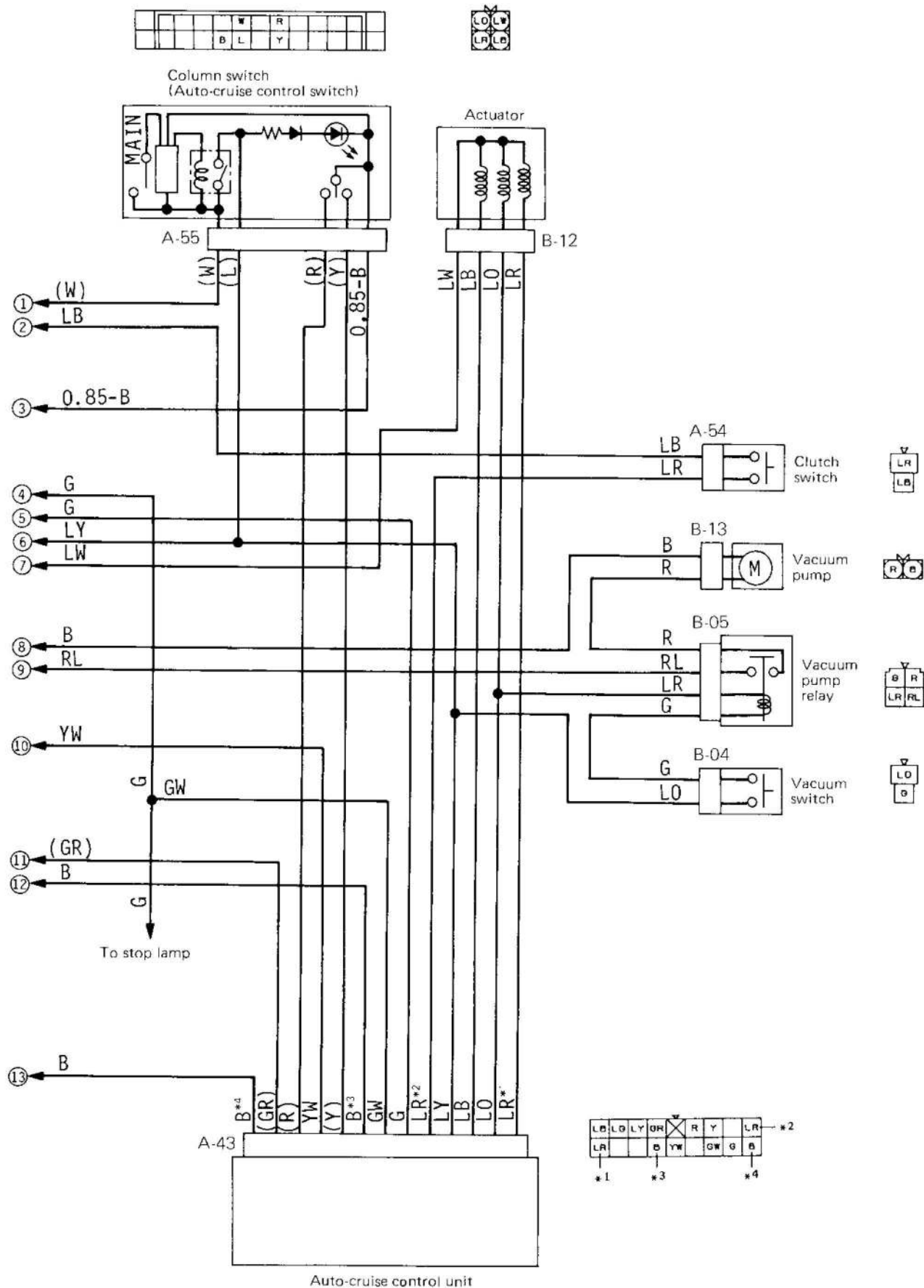


Remark

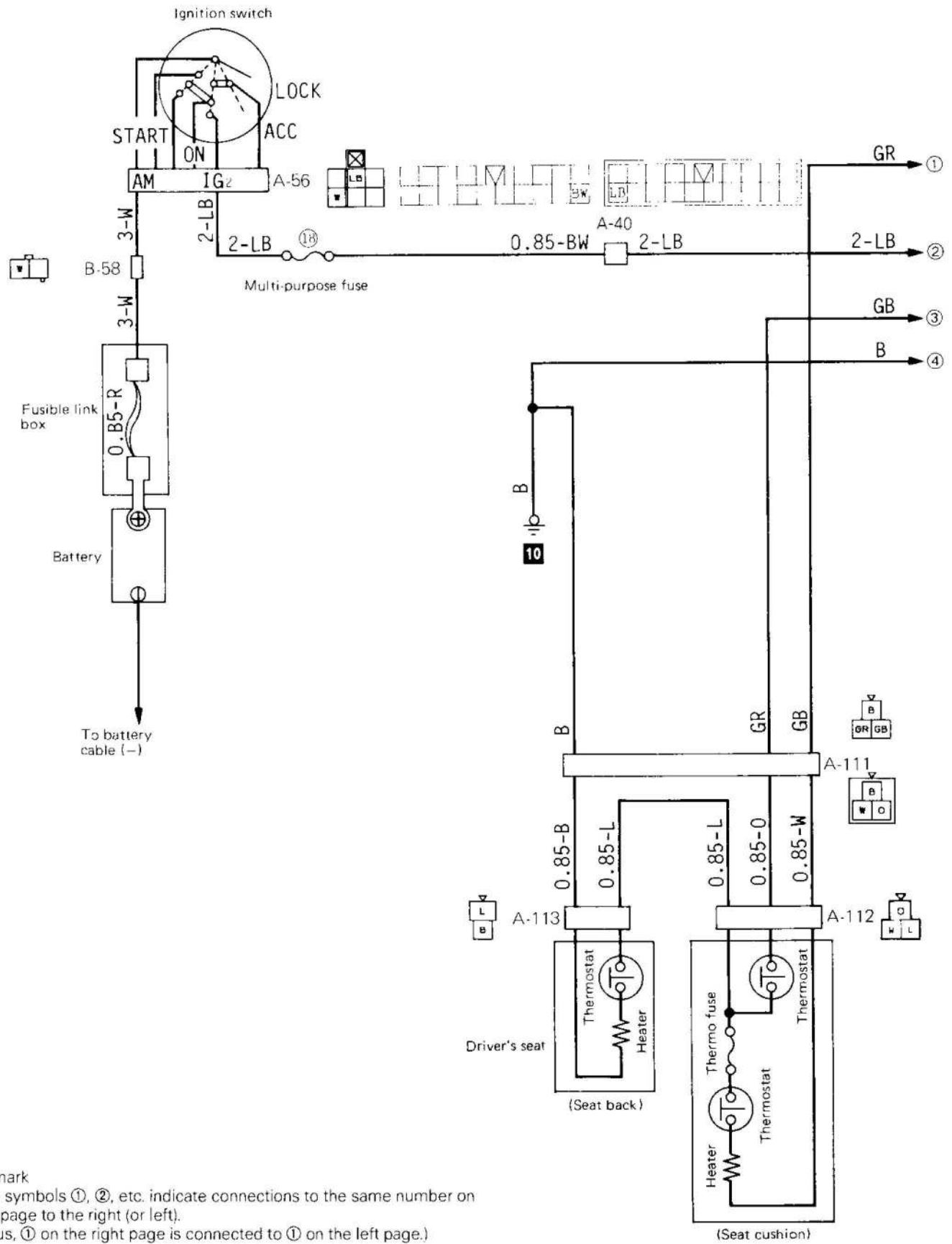
The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left). (Thus, ① on the right page is connected to ① on the left page.)

Wire colour code

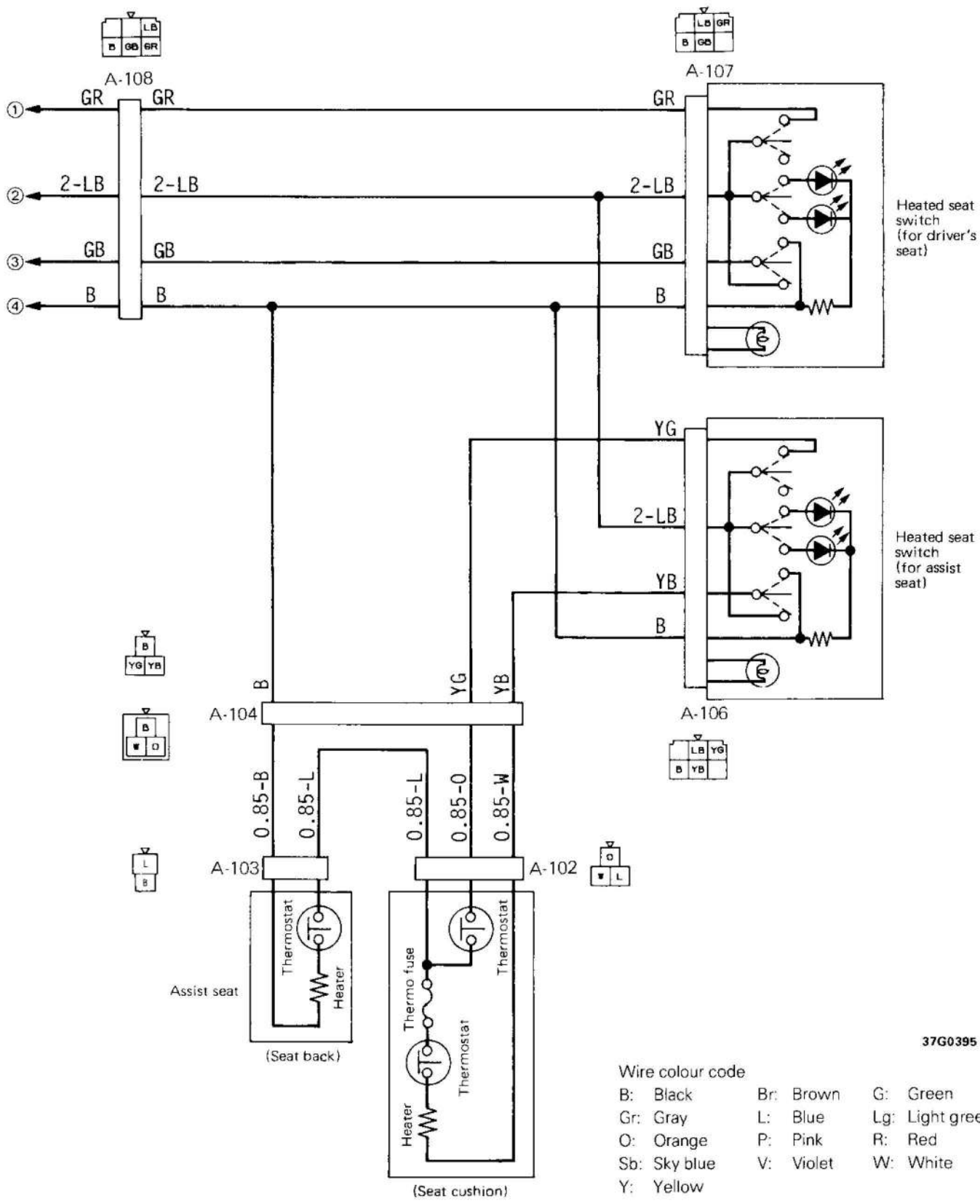
B: Black	Br: Brown	G: Green	Gr: Gray	L: Blue	Lg: Light green	
O: Orange	P: Pink	R: Red	Sb: Sky blue	V: Violet	Y: Yellow	W: White



### 33 HEATED SEAT CIRCUIT



Remark  
 The symbols ①, ②, etc. indicate connections to the same number on the page to the right (or left).  
 (Thus, ① on the right page is connected to ① on the left page.)



Heated seat switch (for driver's seat)

Heated seat switch (for assist seat)

Assist seat

(Seat back)

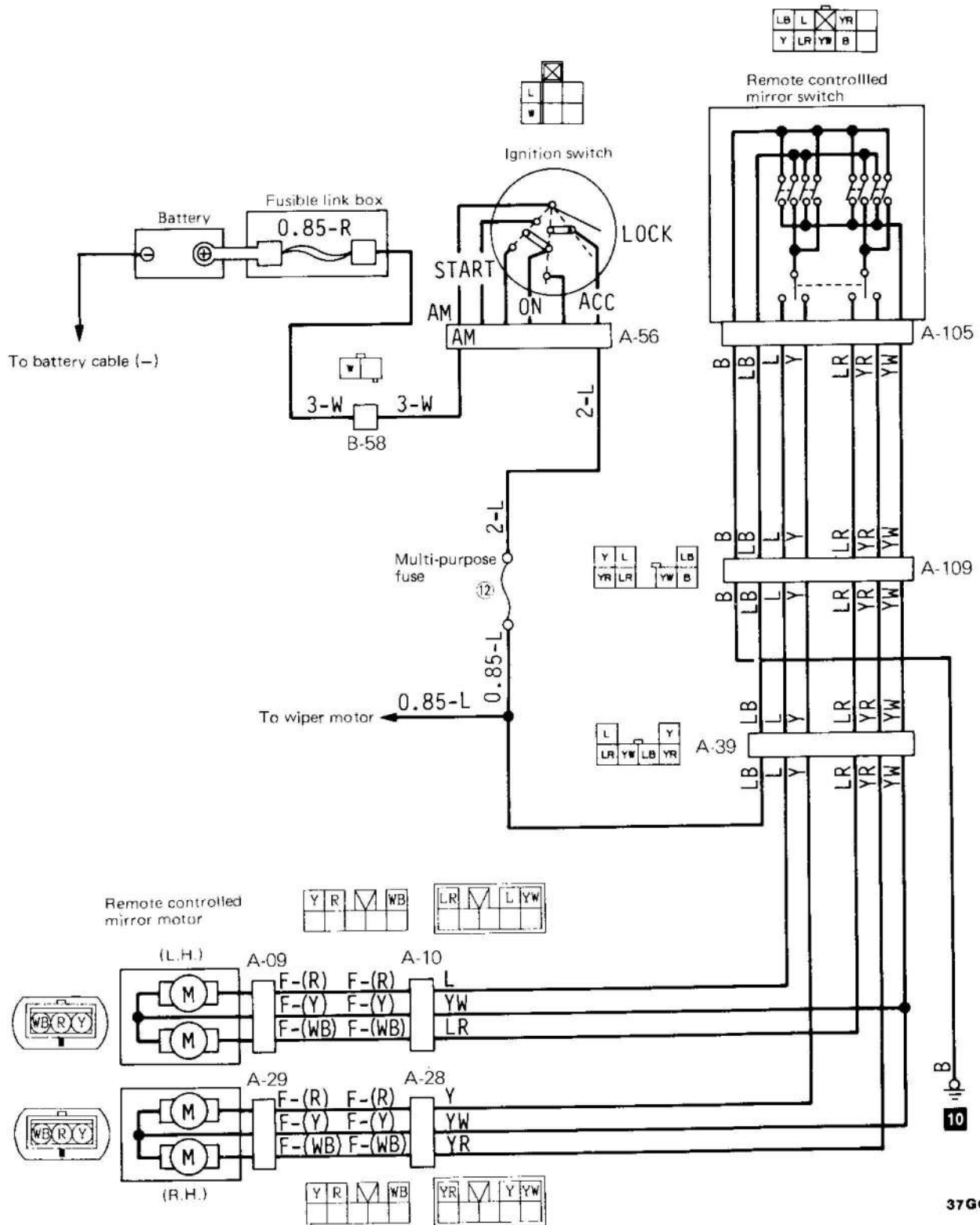
(Seat cushion)

37G0395

Wire colour code

B: Black	Br: Brown	G: Green
Gr: Gray	L: Blue	Lg: Light green
O: Orange	P: Pink	R: Red
Sb: Sky blue	V: Violet	W: White
Y: Yellow		

### 34 REMOTE CONTROLLED MIRROR CIRCUIT



37G0255

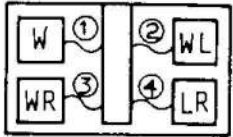
Wire colour code

- |           |           |          |              |           |                 |           |
|-----------|-----------|----------|--------------|-----------|-----------------|-----------|
| B: Black  | Br: Brown | G: Green | Gr: Gray     | L: Blue   | Lg: Light green |           |
| O: Orange | P: Pink   | R: Red   | Sb: Sky blue | V: Violet | W: White        | Y: Yellow |



### 35 CENTRALIZED JUNCTION

#### SUB FUSIBLE LINK

Item	Fusible link No.	Wire colour	Size		Sub fusible link box 
			mm <sup>2</sup>	in <sup>2</sup>	
Ignition switch power supply	1	Red	0.85	0.0013	
Defogger, rear heater circuit	2	Green	0.5	0.0008	
Lamp circuit	3	Green	0.5	0.0008	
		Red*	0.85	0.0013	
Door lock, power window circuit	4	Green	0.5	0.0008	

37G0073

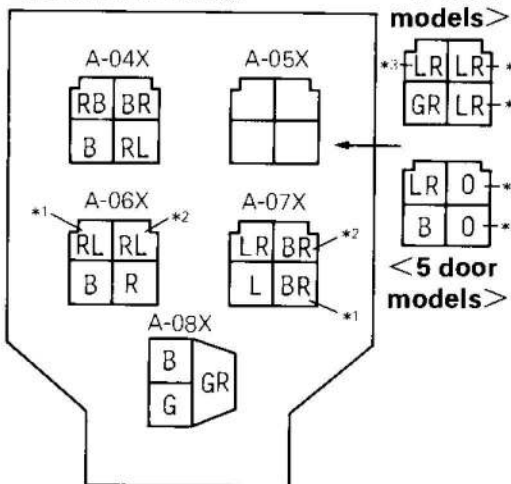
Remarks

The \* symbol is applicable to vehicles with two bulb united type headlamp.

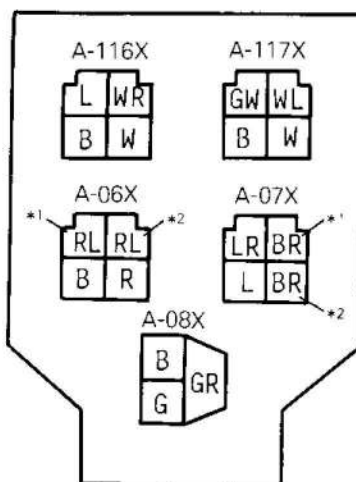
### CENTRALIZED RELAY

Classification	Name
A-04X	Rear fog lamp relay (Vehicles with daytime running lamp)
A-05X	Rear heater relay
A-06X	Headlamp relay
A-07X	Defogger relay
A-08X	Turn signal and Hazard flasher unit
A-116X	Dim-dip lamp relay 1 (R.H. drive vehicles)
A-117X	Dim-dip lamp relay 2 (R.H. drive vehicles)

L.H. drive vehicles



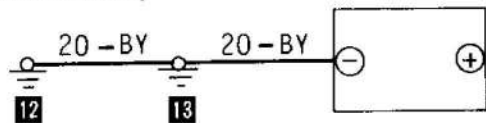
R.H. drive vehicles



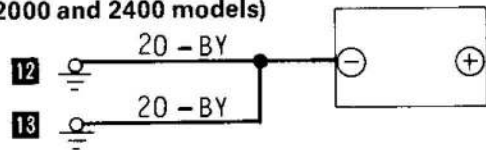
**BATTERY CABLE (–) DIAGRAM**

**Petrol-powered vehicles**

(1600 models)

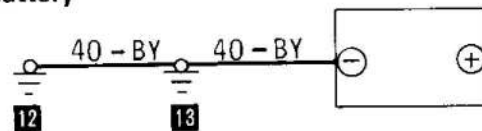


(2000 and 2400 models)

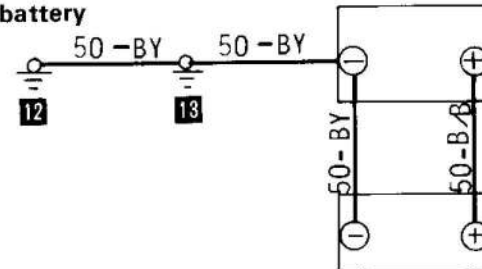


**Diesel-powered vehicles**

**1-battery**



**2-battery**



37G0334

