

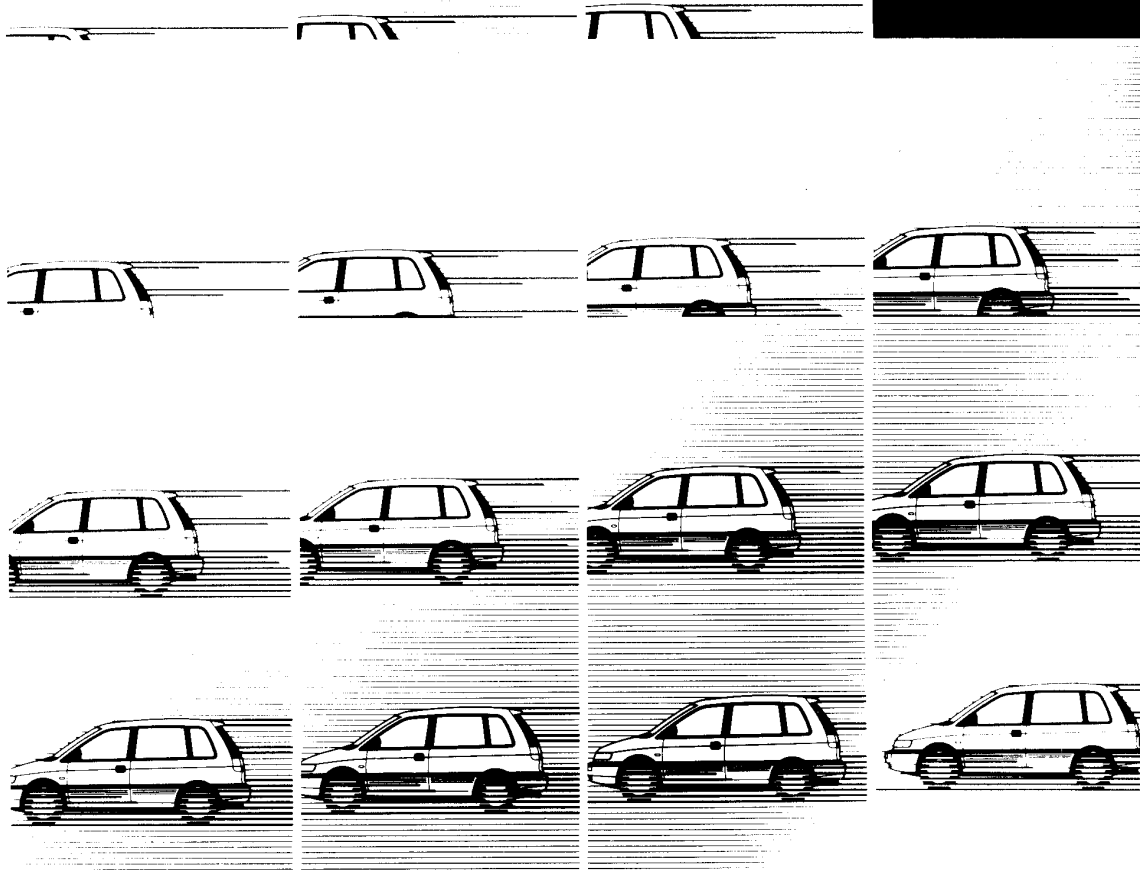
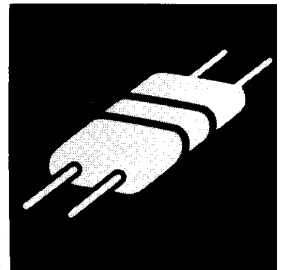


Workshop Manual

electrical wiring

SUPPLEMENT

SPACE RUNNER '95 SPACE WAGON '95



Pub. No. PHDE9214-C

MITSUBISHI SPACE RUNNER SPACE WAGON

ELECTRICAL WIRING SUPPLEMENT

FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHDE9214 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.

TECHNICAL INFORMATION MANUAL	PYDE9107
WORKSHOP MANUAL	
Chassis group	PWDE9104 (Loose-leaf edition) PWDE9104-E
Engine group	PWEE□□□□ (Loose-leaf edition)
Electrical wiring	PHDE9214 (Loose-leaf edition)
PARTS CATALOGUE	B608D505A□ B608E505A□

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.

Engine Group	PWEE□□□□ (Loose-leaf edition)
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GROUP INDEX

OUTLINE OF CHANGES	
HOW TO READ THE WIRING DIAGRAMS	1
WIRING HARNESS CONFIGURATION DIAGRAMS	2
SINGLE PART INSTALLATION POSITION	3
CIRCUIT DIAGRAM	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
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WIRING HARNESS CONFIGURATION DIAGRAMS

Wiring harness configuration diagram				Description of changes
Connector symbol	Name	Reference page		
A	ENGINE COMPARTMENT	L.H. drive vehicles with 4G93 MPI engine	2-2	<ul style="list-style-type: none"> The wiring harness configuration diagrams has been established.
		R.H. drive vehicles with 4G93 MPI engine	2-4	
		L.H. drive vehicles with 4G63 and 4G64 MPI engine	2-6	<ul style="list-style-type: none"> The wiring harness configuration diagrams has been established.
		R.H. drive vehicles with 4G63 and 4G64 MPI engine	2-8	
		L.H. drive vehicles with Diesel engine	2-10	<ul style="list-style-type: none"> The following connectors have been added. <ul style="list-style-type: none"> Front fog lamp connector (LH) (A-74) Front fog lamp connector (RH) (A-75) ABS valve relay connector (A-76) ABS motor relay connector (A-77)
		R.H. drive vehicles with Diesel engine	2-12	
B	ENGINE AND TRANSMISSION	4G93 MPI engine	2-14	<ul style="list-style-type: none"> Oxygen sensor sub wiring harness and control wiring harness combination connector (B-34) has been added. Engine coolant temperature switch (for A/C) connector (B-25) has been abolished. Installation position of the oxygen sensor connector (B-26) has been changed.
		4G63 and 4G64 MPI engine	2-15	<ul style="list-style-type: none"> The branch of the power steering oil pressure switch (B-21) has been changed.
C	DASH PANEL	L.H. drive vehicles	2-16	<ul style="list-style-type: none"> Air bag module connector (passenger's side) (C-80) has been added. The following connectors have been abolished. <ul style="list-style-type: none"> ABS power relay connector (C-32X) Diode connector (for ABS circuit) (C-41) Air inlet sensor connector (C-43) ABS resistor connector (C-69) Control wiring harness and main wiring harness combination <4G64> connector (C-73) at the control wiring harness connector side
		R.H. drive vehicles	2-18	<ul style="list-style-type: none"> The following connectors have been added. <ul style="list-style-type: none"> Column switch <SRS> connector (C-76) Clock Spring <SRS>connector (C-77) Clock Spring <SRS> connector (C-78) Horn relay <SRS> connector (C-79X) The following connectors have been abolished. <ul style="list-style-type: none"> ABS power relay connector (C-32X) Diode (for ABS circuit) connector (C-41) Air inlet sensor connector (C-43) ABS resistor connector (C-69) Fuel octane ratio selection connector (C-24) <4G93>
D	INSTRUMENT PANEL	L.H. drive vehicles	2-20	<ul style="list-style-type: none"> Front fog lamp switch connector (D-24) has been added. Door lock switch or tail gate lock switch (D-21) has been abolished.
		R.H. drive vehicles	2-21	

Wiring harness configuration diagram			Description of changes	
Connector symbol	Name	Reference page		
E	INTERIOR	L.H. drive vehicles <SPACE RUNNER>	2-22	<ul style="list-style-type: none"> • The following connectors have been added. <ul style="list-style-type: none"> • No connection connector (E-11) • No connection connector (E-62) • High-mounted stop lamp connector (E-76) • SRS diagnosis unit connector (E-77)
		R.H. drive vehicles <SPACE RUNNER>	2-24	<ul style="list-style-type: none"> • The following connectors have been added. <ul style="list-style-type: none"> • No connection connector (E-11) • No connection connector (E-62) • SRS diagnosis unit connector (E-74) • SRS diagnosis unit connector (E-75) • High-mounted stop lamp connector (E-76)
		L.H. drive vehicles <SPACE WAGON>	2-26	<ul style="list-style-type: none"> • SRS diagnosis unit connector (E-77) has been added.
		R.H. drive vehicles <SPACE WAGON>	2-28	<ul style="list-style-type: none"> • The following connectors have been added. <ul style="list-style-type: none"> • SRS diagnosis unit connector (E-74) • SRS diagnosis unit connector (E-75) • High-mounted stop lamp connector (E-76)

SINGLE PART INSTALLATION POSITION

Location of change	Reference Page	Description of changes
RELAY	3-2	<ul style="list-style-type: none"> • ABS valve relay and ABS motor relay has been added.
SOLENOID VALVE	3-2	<ul style="list-style-type: none"> • EGR solenoid valve has been added.

CIRCUIT DIAGRAM

Circuit diagrams			Description of changes
Main title	Subtitle	Ref. page	
CENTRALIZED JUNCTION		4-2	<ul style="list-style-type: none"> The rated capacity of sub-fusible link No.4 has been changed from 30A to 40A. The power supply circuit for the alternator (S terminal) has been changed. A G sensor has been added to the load circuit for multi-purpose fuse No. 3. The rated capacity of dedicated fuse No. 7 has been changed from 10A to 20A. <R.H. drive vehicles> An ABS control unit has been added to the load circuit for multi-purpose fuse No. 17. The ABS power relay has been eliminated from the load circuit for multi-purpose fuse No. 3.
POWER DISTRIBUTION SYSTEM		4-7	<ul style="list-style-type: none"> The power supply circuit for the alternator (S terminal) has been changed. A front fog lamp power circuit has been added. The ABS system power circuit has been changed. The rated capacity of sub-fusible link No. 4 has been changed from 30A to 40A.
STARTING SYSTEM	Petrol-powered vehicles	4-14	<ul style="list-style-type: none"> The number of connector terminals on the combination front wiring harness and control wiring harness connector (A-63) has been changed from 10 to 12 for vehicles with 4G93 engine.
IGNITION SYSTEM	—	4-15	<ul style="list-style-type: none"> The number of connector terminals on the combination instrument panel wiring harness and control wiring harness connector (D-07) has been changed from 6 to 8 for R.H. drive vehicles. The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-17) has been changed from 8 to 4.
CHARGING SYSTEM	4G93	4-16	<ul style="list-style-type: none"> The power supply circuit for the alternator (S terminal) has been changed.
	4G63, 4G64 and 4D68	4-17	
GLOW SYSTEM	—	4-18	<ul style="list-style-type: none"> The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-17) has been changed from 8 to 4.

Circuit diagrams			Description of changes
Main title	Subtitle	Ref. page	
MPI SYSTEM	4G93 <L.H. drive vehicles>	4-20	<ul style="list-style-type: none"> The number of connector terminals on the combination front wiring harness and control wiring connector (A-63) has been changed from 10 to 12. The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-17) has been changed from 8 to 4. The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-18) has been changed from 8 to 4. The number of connector terminals on the combination instrument panel wiring harness and control wiring harness connector (D-07) has been changed from 6 to 8 for R.H. drive vehicles. The connector shape and terminal layout of the combination assist wiring harness and fuel wiring harness connector (F-01) have been changed. The distributor power circuit has been changed. The wiring between the engine control unit and the idle speed control actuator has been changed. <4G93> The circuit has been changed to correspond to changes in the oxygen sensor. <4G93> The wiring from the injectors to the engine control unit has been changed. <4G93> The shape of the engine coolant temperature sensor connector (B-01) has been changed. An EGR solenoid valve (A-29) has been added. <4G93> Wiring has been added between the ELC-4A/T control unit and the engine control unit to correspond to changes in the transmission control system. The engine coolant temperature switch (B-25) has been abolished. The fuel octane ratio selection connector (C-24) has been abolished. <4G93>
	4G93 <R.H. drive vehicles>	4-26	
	4G63 and 4G64 <L.H. drive vehicles>	4-32	
	4G63 <R.H. drive vehicles>	4-38	
COOLING SYSTEM	4G93	4-44	<ul style="list-style-type: none"> The circuit has been changed to correspond to changes in the fan motor control system.
	4G63 and 4G64	4-45	<ul style="list-style-type: none"> The rated capacity of dedicated fuse No. 6 has been changed from 25 A to 15 A in vehicles with M/T and vehicles with 4G63 <2WD-A/T> engine.
	4D68	4-46	<ul style="list-style-type: none"> The earth circuit for the condenser fan motor relay (LO) has been changed in L.H. drive vehicles.
ELC 4-SPEED AUTOMATIC TRANSMISSION	L.H. drive vehicles	4-48	<ul style="list-style-type: none"> The number of connector terminals on the combination front wiring harness and control wiring harness connector (A-63) has been changed from 10 to 12 for vehicles with 4G93 engine. The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-19) has been changed from 14 to 6. The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-18) has been changed from 8 to 14. The number of connector terminals on the combination instrument panel wiring harness and control wiring harness connector (D-07) has been changed from 6 to 8 for R.H. drive vehicles. Wiring has been added between the ELC-4A/T control unit and the engine control unit to correspond to changes in the transmission control system.
	R.H. drive vehicles	4-54	

Circuit diagrams			Description of changes
Main title	Subtitle	Ref. page	
HEADLAMP	L.H. drive vehicles without daytime running lamp <without SRS>	4-59	<ul style="list-style-type: none"> The diode (C-11) has been abolished.
	R.H. drive vehicles with SRS	4-60	<ul style="list-style-type: none"> A separate circuit diagram has been established for vehicles with supplemental restraint system.
FRONT FOG LAMP	L.H. drive vehicles	4-64	<ul style="list-style-type: none"> A circuit diagram has been established to correspond to the adoption of front fog lamps.
	R.H. drive vehicles	4-66	
REAR FOG LAMP	L.H. drive vehicles without daytime running lamp <without SRS>	4-67	<ul style="list-style-type: none"> The diode (C-11) has been abolished.
	R.H. drive vehicles with SRS	4-68	<ul style="list-style-type: none"> A circuit diagram has been established to correspond to the adoption of a supplemental restraint system.
CLUSTER SWITCH ILLUMINATION LAMP	—	4-69	<ul style="list-style-type: none"> The earth circuit for the cluster switch illumination lamp has been changed.
TURN SIGNAL LAMP AND HAZARD LAMP	Vehicles with SRS	4-70	<ul style="list-style-type: none"> The shape of the front turn signal lamp connectors (A-47, A-55) have been changed The hazard lamp inside the combination meter has been abolished.
	Vehicles without SRS	4-72	
MATER AND GAUGE	—	4-74	<ul style="list-style-type: none"> The number of connector terminals on the combination instrument panel wiring harness and control wiring harness connector (D-07) has been changed from 6 to 8 for R.H. drive vehicles. The earth circuit for the cluster switch illumination lamp has been changed. The connector shape and terminal layout of the combination rear wiring harness and fuel wiring harness <SPACE RUNNER (R.H.D.) and SPACE WAGON> or assist wiring harness and fuel wiring harness connector (F-01) <SPACE RUNNER (L.H.D.)> have been changed. The fuel gauge and temperature gauge earth circuits have been changed in vehicles without tachometer.
BRAKE WARNING LAMP	—	4-76	<ul style="list-style-type: none"> The number of connector terminals on the combination instrument panel wiring harness and control wiring harness connector (D-07) has been changed from 6 to 8 for R.H. drive vehicles.
FUEL WARNING LAMP	—	4-76	<ul style="list-style-type: none"> The connector shape and terminal layout of the combination rear wiring harness and fuel wiring harness <SPACE RUNNER (R.H.D.) and SPACE WAGON> or assist wiring harness and fuel wiring harness connector (F-01) <SPACE RUNNER (L.H.D.)> have been changed.
OIL PRESSURE WARNING LAMP	—	4-77	<ul style="list-style-type: none"> The number of connector terminals on the combination front wiring harness and control wiring harness connector (A-63) has been changed from 10 to 12 for vehicles with 4G93 engine.
CENTRAL DOOR LOCKING SYSTEM	SPACE RUNNER <L.H. drive vehicles>	4-80	<ul style="list-style-type: none"> The door lock switch (D-21) has been abolished.
	SPACE RUNNER <R.H. drive vehicles>	4-82	
	SPACE WAGON <L.H. drive vehicles>	4-84	
	SPACE WAGON <R.H. drive vehicles>	4-86	

Circuit diagrams			Description of changes
Main title	Subtitle	Ref. page	
HEATER AND AIR CONDITIONER	4G93	4-88	<ul style="list-style-type: none"> The cooling system circuit has been changed to correspond to changes in the cooling fan control system. The engine coolant temperature switch (B-25) has been abolished. The number of connector terminals on the combination front wiring harness and control wiring harness connector (A-63) has been changed from 10 to 12 for vehicles with 4G93 engine. The input signal circuit from the ignition coil to the A/C belt lock controller has been changed.
	4G63 and 4G64	4-92	<ul style="list-style-type: none"> The rated capacity of the dedicated fuse has been changed from 25 A to 15 A in 2WD and 4WD (M/T) vehicles.
	4D68	4-96	<ul style="list-style-type: none"> An illumination lamp earth circuit has been added for vehicles without a jumper connector (D-20) The earth circuit for the condenser fan motor relay (LO) has been changed in L.H. drive vehicles. The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-18) has been changed from 8 to 14.
WINDSHIELD WIPER AND WASHER	Vehicles with SRS	4-100	<ul style="list-style-type: none"> The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-18) has been changed from 4 to 14. A supplemental restraint system has been added for R.H. drive vehicles.
	Vehicles without SRS	4-101	<ul style="list-style-type: none"> The number of connector terminals on the combination control wiring harness and main wiring harness connector (C-18) has been changed from 4 to 14.
CIGARETTE LIGHTER	—	4-102	<ul style="list-style-type: none"> An illumination lamp earth circuit has been added for vehicles without a jumper connector (D-20).
SUNROOF	—	4-103	<ul style="list-style-type: none"> The sunroof relay energization circuit has been changed in L.H. drive vehicles.
ANTI-LOCK BRAKE SYSTEM (ABS)	—	4-104	<ul style="list-style-type: none"> The circuit diagram has been changed to correspond to changes in the anti-lock brake system.
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	L.H. drive vehicles	4-108	<ul style="list-style-type: none"> A passenger's side air bag module (squib) circuit has been added to correspond to the adoption of a passenger's side supplemental restraint system.
	R.H. drive vehicles	4-110	<ul style="list-style-type: none"> Circuits have been established to correspond to the adoption of a supplemental restraint system.

TABLE OF CIRCUIT DIAGRAMS

This table of circuit diagrams indicates those circuits in which changes and/or additions, etc. have been made; the circuits are here listed in the sequence in which they are presented in the wiring diagrams. Please use this table for reference when following maintenance or repair procedures.

NOTE

- (1) The "●" symbol indicates a circuit in which a change and/or addition has been made.
 (2) The "○" symbol indicates a circuit in which no change has been made. For details please refer to the wiring diagrams.

Main circuit	Circuit classifications	Pub. No. PHDE9214 (Basic)	Pub. No. PHDE9214-C (Supplement)
POWER-DISTRIBUTION SYSTEM	—	○	●
STARTING SYSTEM	Petrol-powered vehicles	○	●
	Diesel-powered vehicles	○	○
IGNITION SYSTEM	—	○	●
CHARGING SYSTEM	4G93	○	●
	4G63, 4G64, 4D68	○	●
GLOW SYSTEM	—	○	●
MPI SYSTEM	4G93 <L.H. drive vehicles>	○	●
	4G93 <R.H. drive vehicles>	○	●
	4G63 and 4G64 <L.H. drive vehicles>	○	●
	4G63 <R.H. drive vehicles>	○	●
COOLING SYSTEM	4G93	○	●
	4G63 and 4G64	○	●
	4D68	○	●
ELC 4-SPEED AUTOMATIC TRANSMISSION	L.H. drive vehicles	○	●
	R.H. drive vehicles	○	●
HEADLAMP	Vehicles with daytime running lamp <with SRS>	○	○
	Vehicles with daytime running lamp <without SRS>	○	○
	L.H. drive vehicles without daytime running lamp <with SRS>	○	○
	L.H. drive vehicles without daytime running lamp <without SRS>	○	●
	R.H. drive vehicles with SRS	○	●
	R.H. drive vehicles without SRS	○	○
HEADLAMP LEVELING SYSTEM	—	○	○
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	Vehicles with SRS	○	○
	Vehicles without SRS	○	○
FRONT FOG LAMP	L.H. drive vehicles	—	●
	R.H. drive vehicles	—	●

Main circuit	Circuit classifications	Pub. No. PHDE9214 (Basic)	Pub. No. PHDE9214-C (Supplement)
REAR FOG LAMP	Vehicles with daytime running lamp <with SRS>	()	()
	Vehicles with daytime running lamp <without SRS>	()	()
	L.H. drive vehicles without daytime running lamp <with SRS>	()	()
	L.H. drive vehicles without daytime running lamp <without SRS>	()	●
	R.H. drive vehicles with SRS	()	●
	R.H. drive vehicles without SRS	()	()
ROOM LAMP AND CARGO ROOM LAMP	L.H. drive vehicles with door lamp	()	()
	L.H. drive vehicles without door lamp	()	()
	R.H. drive vehicles with door lamp	()	()
	R.H. drive vehicles without door lamp	()	()
DOOR LAMP	L.H. drive vehicles	()	()
	R.H. drive vehicles	()	()
CLUSTER SWITCH ILLUMINATION LAMP	—	()	●
TURN SIGNAL LAMP AND HAZARD LAMP	Vehicles with SRS	()	●
	Vehicles without SRS	()	●
STOP LAMP	Vehicles with high-mounted stop lamp	()	()
	Vehicles without high-mounted stop lamp	()	()
BACK-UP LAMP	—	()	()
LIGHTING MONITOR BUZZER	Vehicles with SRS	()	()
	Vehicles without SRS	()	()
HORN	Vehicles with SRS	()	()
	Vehicles without SRS	()	()
METER AND GAUGE	—	()	●
BRAKE WARNING LAMP	—	()	●
FUEL WARNING LAMP	—	()	●
OIL PRESSURE WARNING LAMP	—	()	●
FUEL FILTER WARNING LAMP	—	—	●
ENGINE COOLANT TEMPERATURE WARNING LAMP	4D68	()	()
LOW ENGINE OIL LEVEL WARNING LAMP	SPACE WAGON	()	()
POWER WINDOW	SPACE RUNNER (L.H. drive vehicles)	()	()
	SPACE RUNNER (R.H. drive vehicles)	()	()
	SPACE WAGON (L.H. drive vehicles)	()	()
	SPACE WAGON (R.H. drive vehicles)	()	()
CENTRAL DOOR LOCKING SYSTEM	SPACE RUNNER (L.H. drive vehicles)	()	●
	SPACE RUNNER (R.H. drive vehicles)	()	●
	SPACE WAGON (L.H. drive vehicles)	()	●
	SPACE WAGON (R.H. drive vehicles)	()	●
TAILGATE LOCKING SYSTEM	SPACE RUNNER	()	—
	SPACE WAGON	()	—
HEATER AND AIR CONDITIONER	4G93	()	●
	4G63 and 4G64	()	●
	4D68	()	●

Main circuit	Circuit classifications	Pub. No. PHDE9214 (Basic)	Pub. No. PHDE9214-C (Supplement)
WINDSHIELD WIPER AND WASHER	Vehicles with SRS	—	●
	Vehicles without SRS	—	●
REAR WIPER AND WASHER	—	—	○
HEADLAMP WASHER	—	—	○
DEFOGGER AND DOOR MIRROR HEATER	—	—	○
REMOTE CONTROLLED MIRROR	Vehicles with door mirror heater	—	○
	Vehicles without door mirror heater	—	○
CIGARETTE LIGHTER	—	—	●
CLOCK	—	—	○
RADIO AND TAPE PLAYER	—	—	○
SUNROOF	—	—	●
HEATED SEAT	—	—	○
ANTI-LOCK BRAKE SYSTEM (ABS)	—	—	●
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	L.H. drive vehicles	—	●
	R.H. drive vehicles	—	●

1 HOW TO READ THE WIRING DIAGRAMS

MODELS	1-2
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MODELS**<SPACE RUNNER>**

Model code		Engine model	Transmission model	Fuel supply system
N11W	SNJEL6/R6	4G93 [1,834 ml]	F5M22 (2WD-5M/T)	MPI
	SNUEL6/R6		F4A22 (2WD-4A/T)	
	SRUEL6/R6			
N18W	SNJTL6/R6	4D68 with a turbocharger [1,998 ml]	F5M31 (2WD-5M/T)	Diesel Fuel Injection
	SNUTL6/R6			
N21W	SNUEL6/R6	4G93 [1,834 ml]	W5M31 (4WD-5M/T)	MPI

<SPACE WAGON>

Model code		Engine model	Transmission model	Fuel supply system
N33W	LNUEL6/R6	4G63 [1,997 ml]	F5M22 (2WD-5M/T)	MPI
	LRUEL6/R6		F4A22 (2WD-4A/T)	
	LNSEL6		F5M22 (2WD-5M/T)	
	LRSEL6		F4A22 (2WD-4A/T)	
N34W	LNUEL6	4G64 [2,350 ml]	F5M31 (2WD-5M/T)	
	LRUEL6		F4A23 (2WD-4A/T)	
N38W	LNUTL6/R6	4D68 with a turbocharger [1,998 ml]	F5M31 (2WD-5M/T)	Diesel Fuel Injection
	LNSTL6			
N43W	LNUEL6/R6	4G63 [1,997 ml]	W5M31 (4WD-5M/T)	MPI
	LRUEL6/R6		W4A32 (4WD-4A/T)	
	LNSEL6		W5M31 (4WD-5M/T)	
	LRSEL6		W4A32 (4WD-4A/T)	

2 WIRING HARNESS CONFIGURATION DIAGRAMS

ENGINE COMPARTMENT **A**

L.H. drive vehicles with 4G93 MPI engine	2-2
R.H. drive vehicles with 4G93 MPI engine	2-4
L.H. drive vehicles with 4G63 and 4G64 MPI engine	2-6
R.H. drive vehicles with 4G63 and 4G64 MPI engine	2-8
L.H. drive vehicles with Diesel engine	2-10
R.H. drive vehicles with Diesel engine	2-12

ENGINE AND TRANSMISSION **B**

4G93 MPI engine	2-14
4G63 and 4G64 MPI engine	2-15

DASH PANEL **C**

L.H. drive vehicles	2-16
R.H. drive vehicles	2-18

INSTRUMENT PANEL **D**

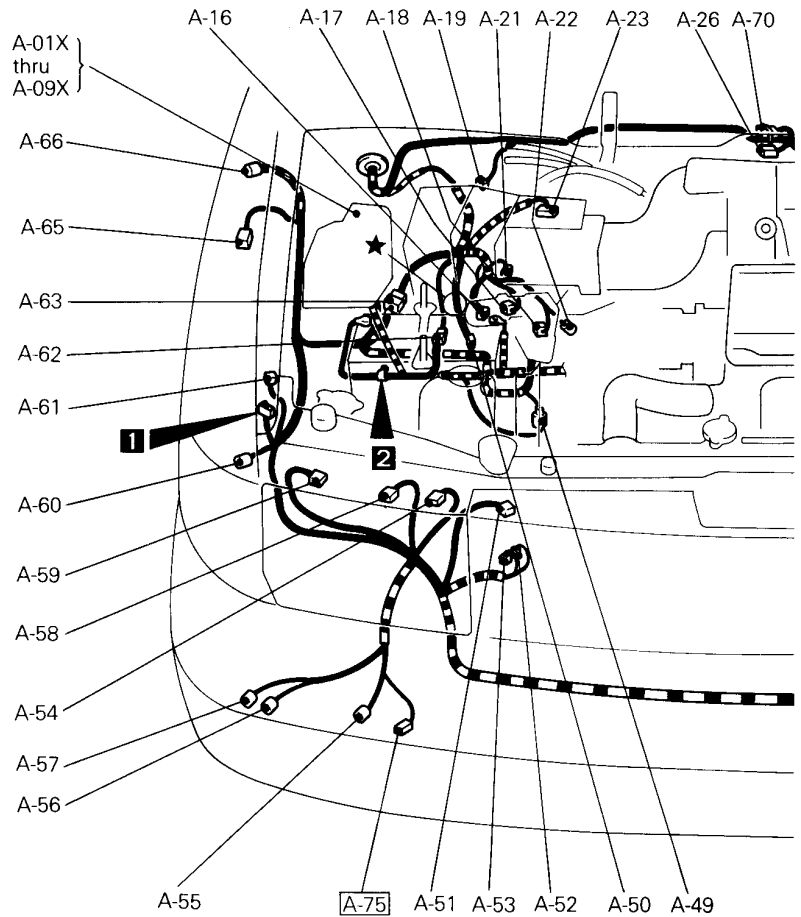
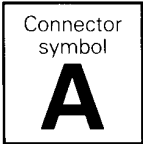
L.H. drive vehicles	2-20
R.H. drive vehicles	2-21

INTERIOR **E**

L.H. drive vehicles <SPACE RUNNER>	2-22
R.H. drive vehicles <SPACE RUNNER>	2-24
L.H. drive vehicles <SPACE WAGON>	2-26
R.H. drive vehicles <SPACE WAGON>	2-28

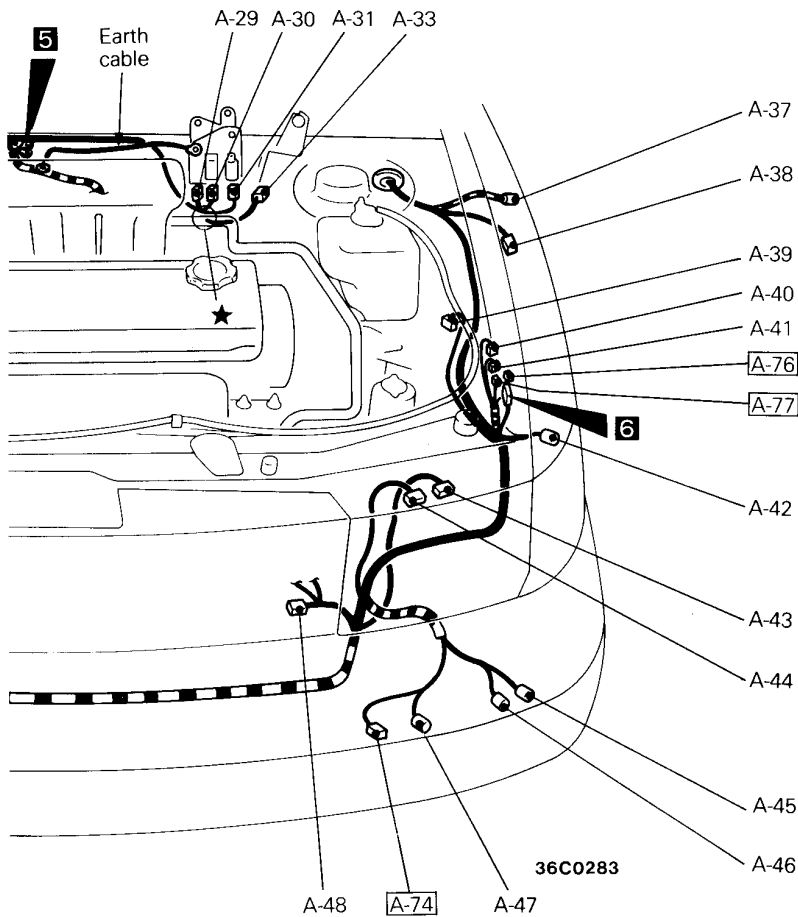
ENGINE COMPARTMENT

L.H. drive vehicles with 4G93 MPI engine

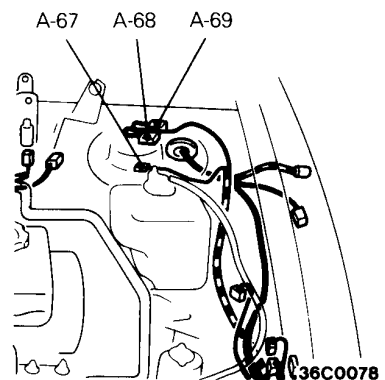


- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-09X }
- A-10 } —
- thru }
- A-15 }
- A-16 ELC-4A/T solenoid <A/T>
- A-17 Inhibitor switch <A/T>
- A-18 A/T fluid temperature sensor <A/T>
- A-19 Brake fluid level sensor
- A-20 —
- A-21 Pulse generator <A/T>
- A-22 Kickdown servo switch <A/T>
- A-23 Air flow sensor
- A-24 —
- A-25 —
- A-26 Fuel pump check connector
- A-27 —

- A-28 —
- A-29 EGR solenoid valve
- A-30 Purge control solenoid valve
- A-31 Ignition timing adjustment connector
- A-32 —
- A-33 Windshield wiper motor
- A-34 } —
- A-35 }
- A-36 }
- A-37 Side turn signal lamp (LH)
- A-38 ABS speed sensor (Front: LH)
- A-39 Dual pressure switch
- A-40 } ABS hydraulic unit
- A-41 }
- A-42 Front combination lamp (LH)
- A-43 Headlamp leveling unit (LH)
- A-44 Headlamp (LH)



Vehicles with daytime running lamp



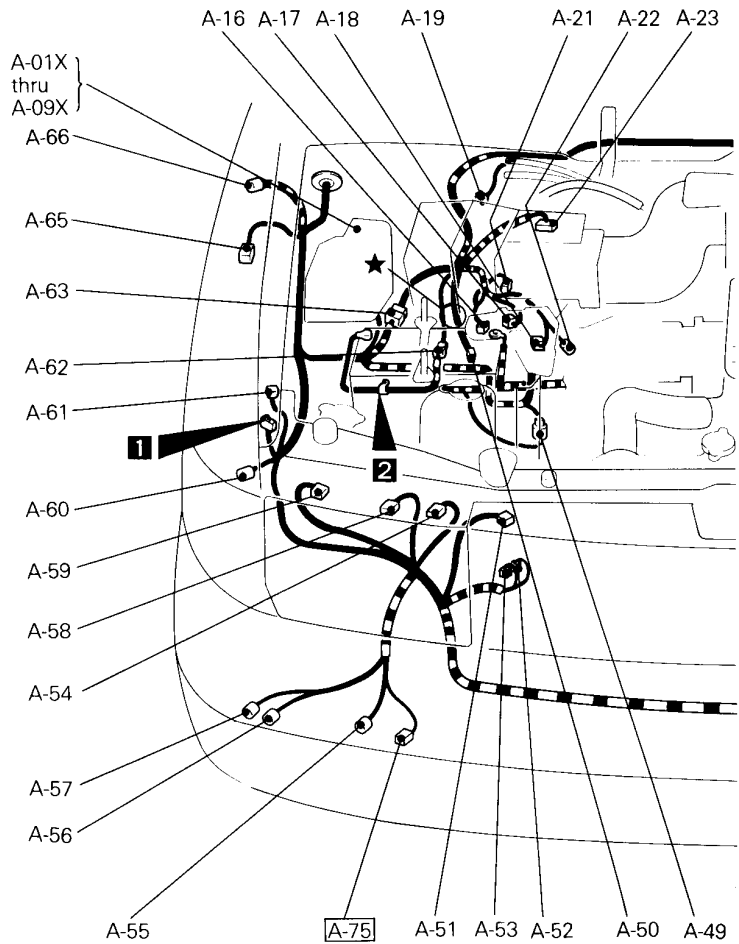
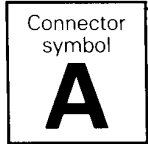
- A-45 } Horn (LH)
- A-46 }
- A-47 Front turn signal lamp (LH)
- A-48 Condenser fan motor
- A-49 Front wiring harness and battery cable combination
- A-50 Back-up lamp switch (M/T)
- A-51 Radiator fan motor
- A-52 Windshield washer motor
- A-53 Rear washer motor
- A-54 Headlamp (RH)
- A-55 Front turn signal lamp (RH)
- A-56 } Horn (RH)
- A-57 }
- A-58 Headlamp leveling unit (RH)
- A-59 Headlamp washer motor
- A-60 Front combination lamp (RH)
- A-61 Headlamp washer relay
- A-62 Control wiring harness and battery cable combination

- A-63 Front wiring harness and control wiring harness combination
- A-64 —
- A-65 ABS speed sensor (Front: RH)
- A-66 Side turn signal lamp (RH)
- A-67 Daytime running lamp control unit
- A-68 Daytime running lamp relay 1
- A-69 Daytime running lamp relay 2
- A-70 Engine speed detection connector
- A-71 } —
- A-72 }
- A-73 }
- A-74 Front fog lamp (LH)
- A-75 Front fog lamp (RH)
- A-76 ABS valve relay
- A-77 ABS motor relay

Remark
Connector numbers enclosed by a frame are newly added or transferred connectors.

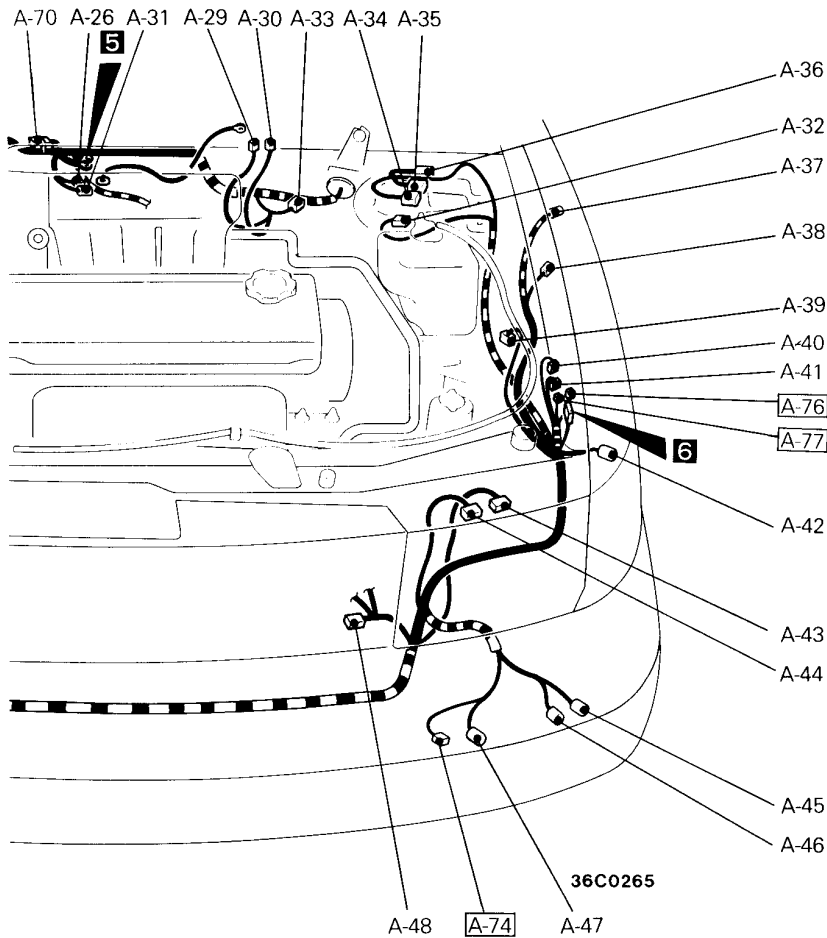
ENGINE COMPARTMENT

R.H. drive vehicles with 4G93 MPI engine



- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-09X }
- A-10 } —
- thru }
- A-15 }
- A-16 ELC-4A/T solenoid <A/T>
- A-17 Inhibitor switch <A/T>
- A-18 A/T fluid temperature sensor <A/T>
- A-19 Brake fluid level sensor
- A-20 —
- A-21 Pulse generator <A/T>
- A-22 Kickdown servo switch <A/T>
- A-23 Air flow sensor
- A-24 —
- A-25 —
- A-26 Fuel pump check connector
- A-27 —

- A-28 —
- A-29 EGR solenoid valve
- A-30 Purge control solenoid valve
- A-31 Ignition timing adjustment connector
- A-32 Resistor
- A-33 Windshield wiper motor
- A-34 Dim-dip lamp relay 1
- A-35 Dim-dip lamp relay 2
- A-36 Dim-dip lamp relay 3
- A-37 Side turn signal lamp (LH)
- A-38 ABS speed sensor (Front: LH)
- A-39 Dual pressure switch
- A-40 } ABS hydraulic unit
- A-41 }
- A-42 Front combination lamp (LH)
- A-43 Headlamp leveling unit (LH)
- A-44 Headlamp (LH)



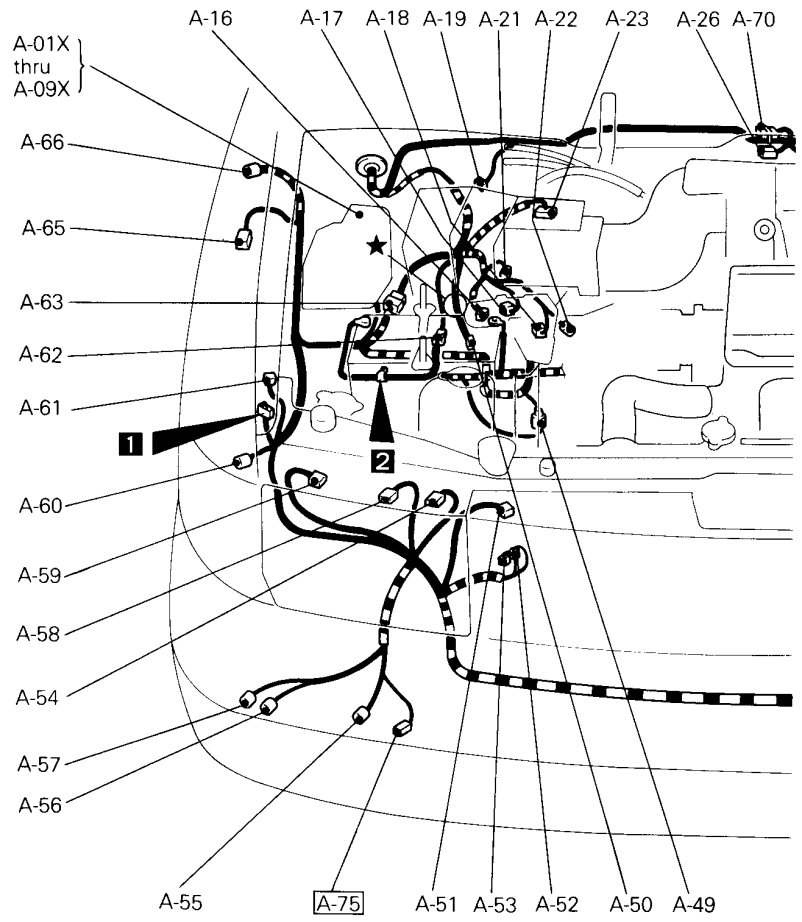
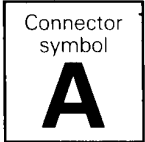
- A-45 } Horn (LH)
- A-46 }
- A-47 Front turn signal lamp (LH)
- A-48 Condenser fan motor
- A-49 Front wiring harness and battery cable combination
- A-50 Back-up lamp switch <M/T>
- A-51 Radiator fan motor
- A-52 Windshield washer motor
- A-53 Rear washer motor
- A-54 Headlamp (RH)
- A-55 Front turn signal lamp (RH)
- A-56 } Horn (RH)
- A-57 }
- A-58 Headlamp leveling unit (RH)
- A-59 Headlamp washer motor
- A-60 Front combination lamp (RH)
- A-61 Headlamp washer relay
- A-62 Control wiring harness and battery cable combination

- A-63 Front wiring harness and control wiring harness combination
- A-64 —
- A-65 ABS speed sensor (Front: RH)
- A-66 Side turn signal lamp (RH)
- A-67 } —
- A-68 }
- A-69 }
- A-70 Engine speed detection connector
- A-71 } —
- A-72 }
- A-73 }
- A-74 Front fog lamp (LH)
- A-75 Front fog lamp (RH)
- A-76 ABS valve relay
- A-77 ABS motor relay

Remark
 Connector numbers enclosed by a frame are newly added or transferred connectors.

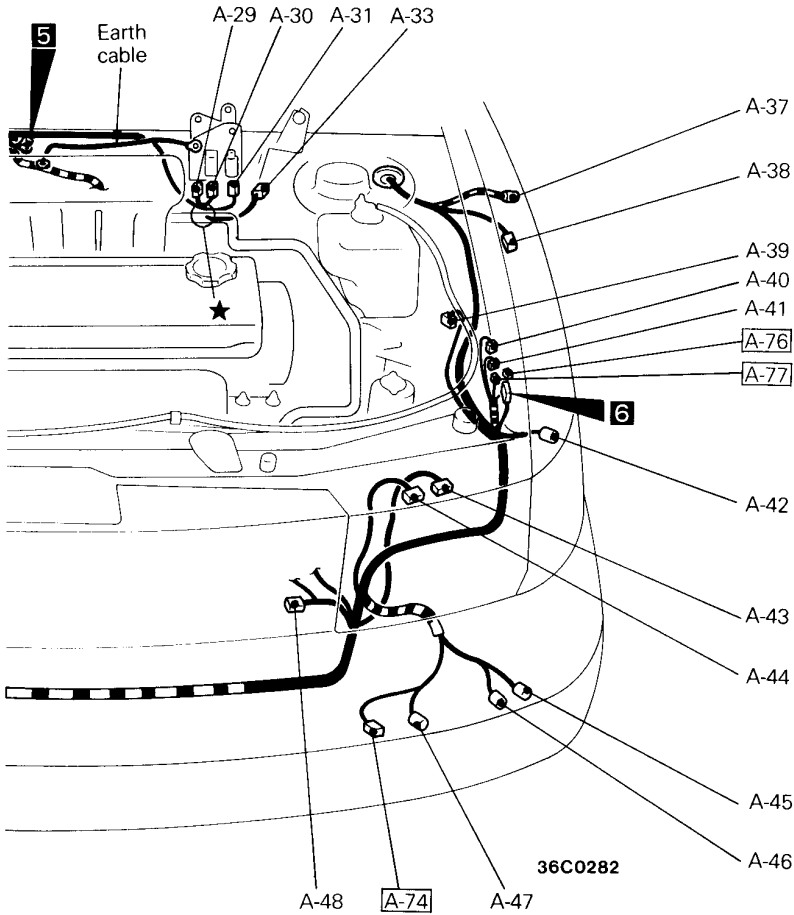
ENGINE COMPARTMENT

L.H. drive vehicles with 4G63 and 4G64 MPI engine

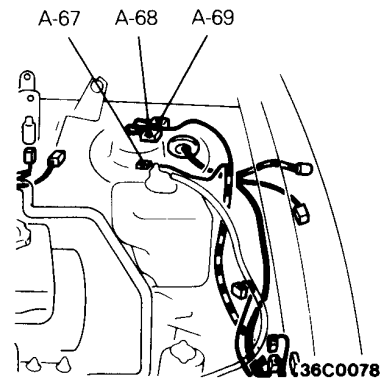


- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-09X }
- A-10 } —
- thru }
- A-15 }
- A-16 ELC-4A/T solenoid <A/T>
- A-17 Inhibitor switch <A/T>
- A-18 A/T fluid temperature sensor <A/T>
- A-19 Brake fluid level sensor
- A-20 —
- A-21 Pulse generator <A/T>
- A-22 Kickdown servo switch <A/T>
- A-23 Air flow sensor
- A-24 —
- A-25 —
- A-26 Fuel pump check connector
- A-27 —

- A-28 —
- A-29 EGR solenoid valve
- A-30 Purge control solenoid valve
- A-31 Ignition timing adjustment connector
- A-32 —
- A-33 Windshield wiper motor
- A-34 } —
- A-35 }
- A-36 }
- A-37 Side turn signal lamp (LH)
- A-38 ABS speed sensor (Front: LH)
- A-39 Triple pressure switch
- A-40 } ABS hydraulic unit
- A-41 }
- A-42 Front combination lamp (LH)
- A-43 Headlamp leveling unit (LH)
- A-44 Headlamp (LH)



Vehicles with daytime running lamp



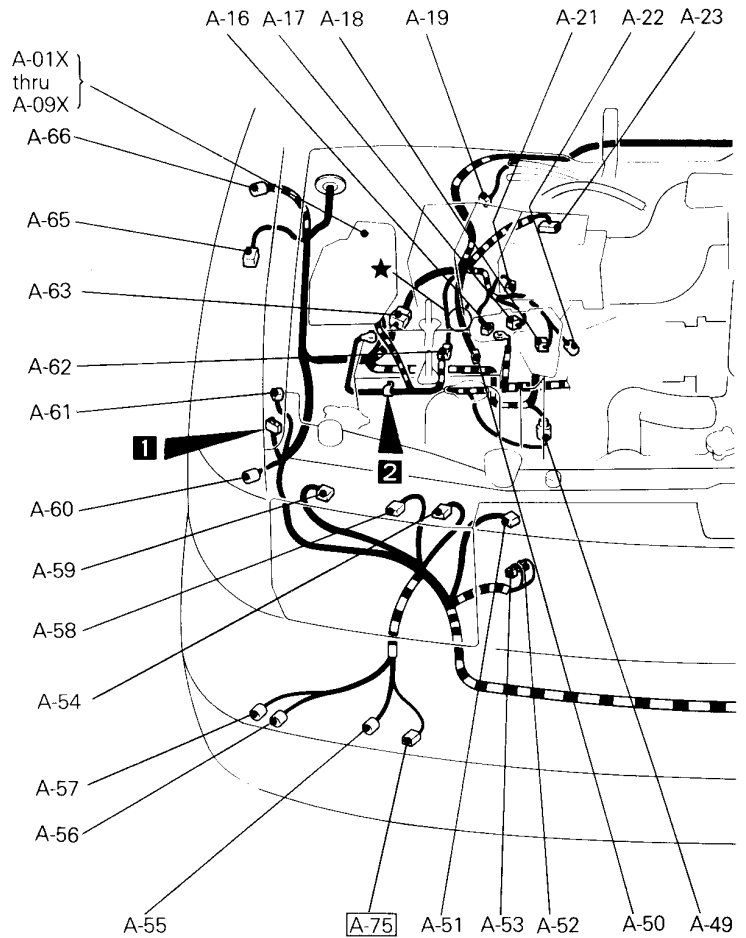
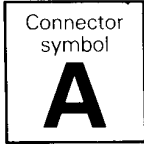
- A-45 } Horn (LH)
- A-46 }
- A-47 Front turn signal lamp (LH)
- A-48 Condenser fan motor
- A-49 Front wiring harness and battery cable combination
- A-50 Back-up lamp switch (M/T)
- A-51 Radiator fan motor
- A-52 Windshield washer motor
- A-53 Rear washer motor
- A-54 Headlamp (RH)
- A-55 Front turn signal lamp (RH)
- A-56 } Horn (RH)
- A-57 }
- A-58 Headlamp leveling unit (RH)
- A-59 Headlamp washer motor
- A-60 Front combination lamp (RH)
- A-61 Headlamp washer relay
- A-62 Control wiring harness and battery cable combination

- A-63 Front wiring harness and control wiring harness combination
- A-64 —
- A-65 ABS speed sensor (Front: RH)
- A-66 Side turn signal lamp (RH)
- A-67 Daytime running lamp control unit
- A-68 Daytime running lamp relay 1
- A-69 Daytime running lamp relay 2
- A-70 Engine speed detection connector
- A-71 } —
- A-72 }
- A-73 }
- A-74 Front fog lamp (LH)
- A-75 Front fog lamp (RH)
- A-76 ABS valve relay
- A-77 ABS motor relay

Remark
Connector numbers enclosed by a frame are newly added or transferred connectors.

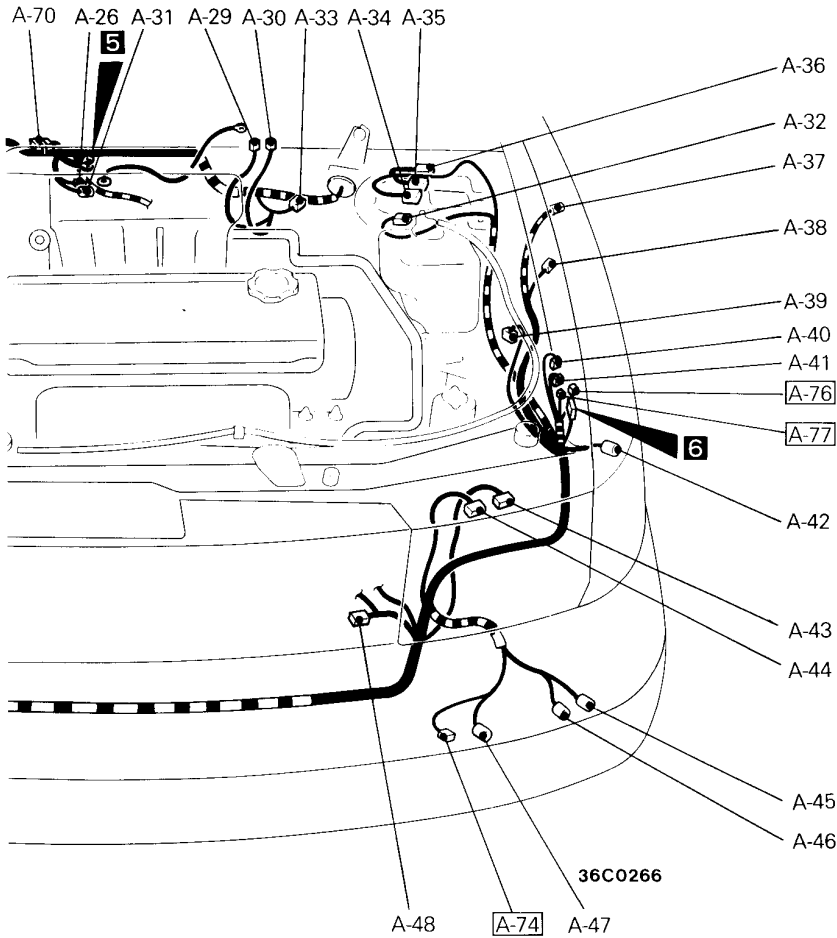
ENGINE COMPARTMENT

R.H. drive vehicles with 4G63 and 4G64 MPI engine



- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-09X }
- A-10 } —
- thru }
- A-15 }
- A-16 ELC-4A/T solenoid <A/T>
- A-17 Inhibitor switch <A/T>
- A-18 A/T fluid temperature sensor <A/T>
- A-19 Brake fluid level sensor
- A-20 —
- A-21 Pulse generator <A/T>
- A-22 Kickdown servo switch <A/T>
- A-23 Air flow sensor
- A-24 —
- A-25 —
- A-26 Fuel pump check connector
- A-27 —

- A-28 —
- A-29 EGR solenoid valve
- A-30 Purge control solenoid valve
- A-31 Ignition timing adjustment connector
- A-32 Resistor
- A-33 Windshield wiper motor
- A-34 Dim-dip lamp relay 1
- A-35 Dim-dip lamp relay 2
- A-36 Dim-dip lamp relay 3
- A-37 Side turn signal lamp (LH)
- A-38 ABS speed sensor (Front: LH)
- A-39 Triple pressure switch
- A-40 } ABS hydraulic unit
- A-41 }
- A-42 Front combination lamp (LH)
- A-43 Headlamp leveling unit (LH)
- A-44 Headlamp (LH)



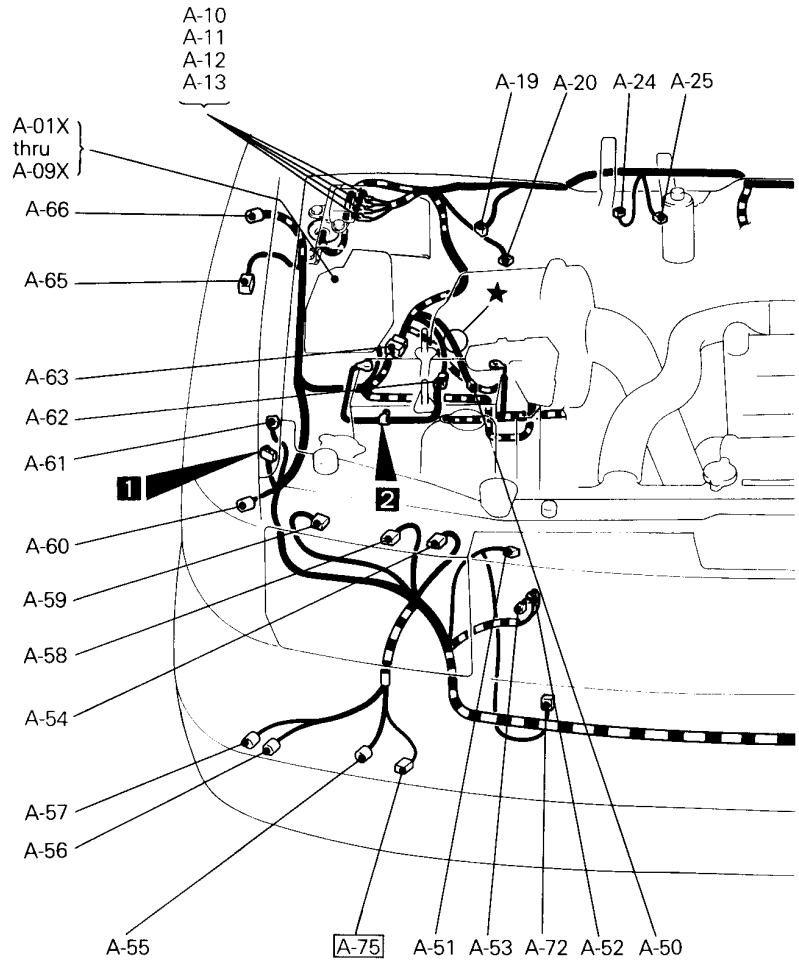
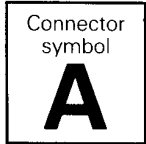
- A-45 } Horn (LH)
- A-46 }
- A-47 Front turn signal lamp (LH)
- A-48 Condenser fan motor
- A-49 Front wiring harness and battery cable combination
- A-50 Back-up lamp switch <M/T>
- A-51 Radiator fan motor
- A-52 Windshield washer motor
- A-53 Rear washer motor
- A-54 Headlamp (RH)
- A-55 Front turn signal lamp (RH)
- A-56 } Horn (RH)
- A-57 }
- A-58 Headlamp leveling unit (RH)
- A-59 Headlamp washer motor
- A-60 Front combination lamp (RH)
- A-61 Headlamp washer relay
- A-62 Control wiring harness and battery cable combination

- A-63 Front wiring harness and control wiring harness combination
- A-64 —
- A-65 ABS speed sensor (Front: RH)
- A-66 Side turn signal lamp (RH)
- A-67 } —
- A-68 }
- A-69 }
- A-70 Engine speed detection connector
- A-71 } —
- A-72 }
- A-73 }
- A-74 Front fog lamp (LH)
- A-75 Front fog lamp (RH)
- A-76 ABS valve relay
- A-77 ABS motor relay

Remark
Connector numbers enclosed by a frame are newly added or transferred connectors.

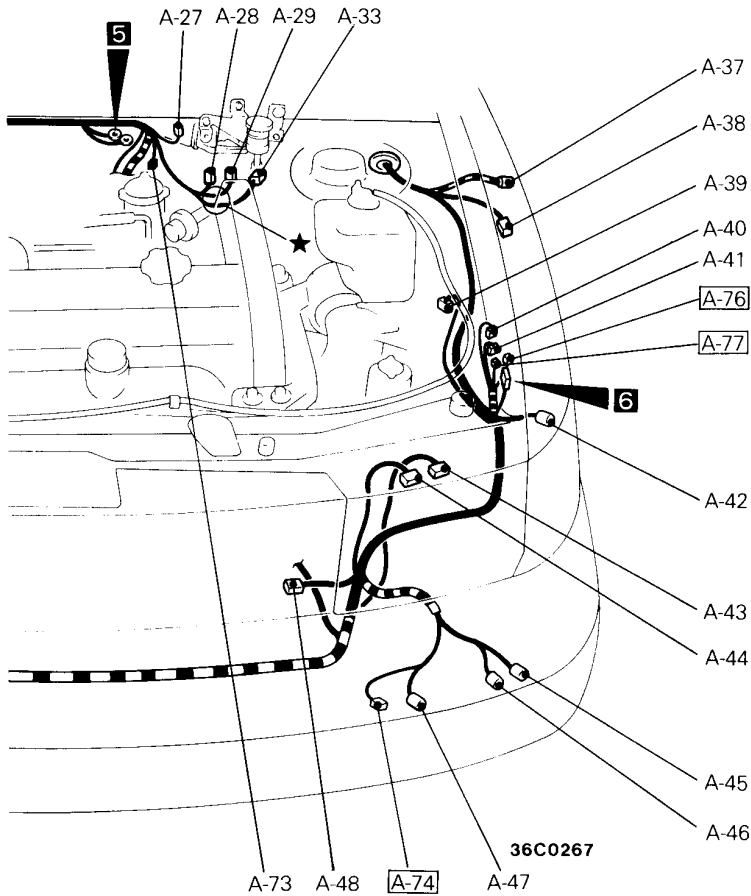
ENGINE COMPARTMENT

L.H. drive vehicles with Diesel engine

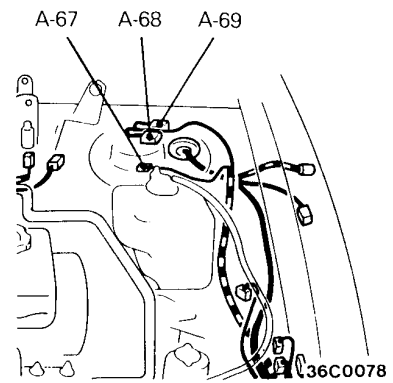


- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-09X }
- A-10 } Glow plug relay
- thru }
- A-13 }
- A-14 } —
- thru }
- A-18 }
- A-19 Brake fluid level sensor
- A-20 Vacuum switch
- A-21 } —
- A-22 }
- A-23 }
- A-24 Starter relay
- A-25 Water level switch
- A-26 —
- A-27 Idle-up solenoid valve (A/C)

- A-28 EGR solenoid valve No. 1
- A-29 EGR solenoid valve No. 2
- A-30 } —
- A-31 }
- A-32 }
- A-33 Windshield wiper motor
- A-34 } —
- A-35 }
- A-36 }
- A-37 Side turn signal lamp (LH)
- A-38 ABS speed sensor (Front: LH)
- A-39 Triple pressure switch
- A-40 } ABS hydraulic unit
- A-41 }
- A-42 Front combination lamp (LH)
- A-43 Headlamp leveling unit (LH)
- A-44 Headlamp (LH)



Vehicles with daytime running lamp



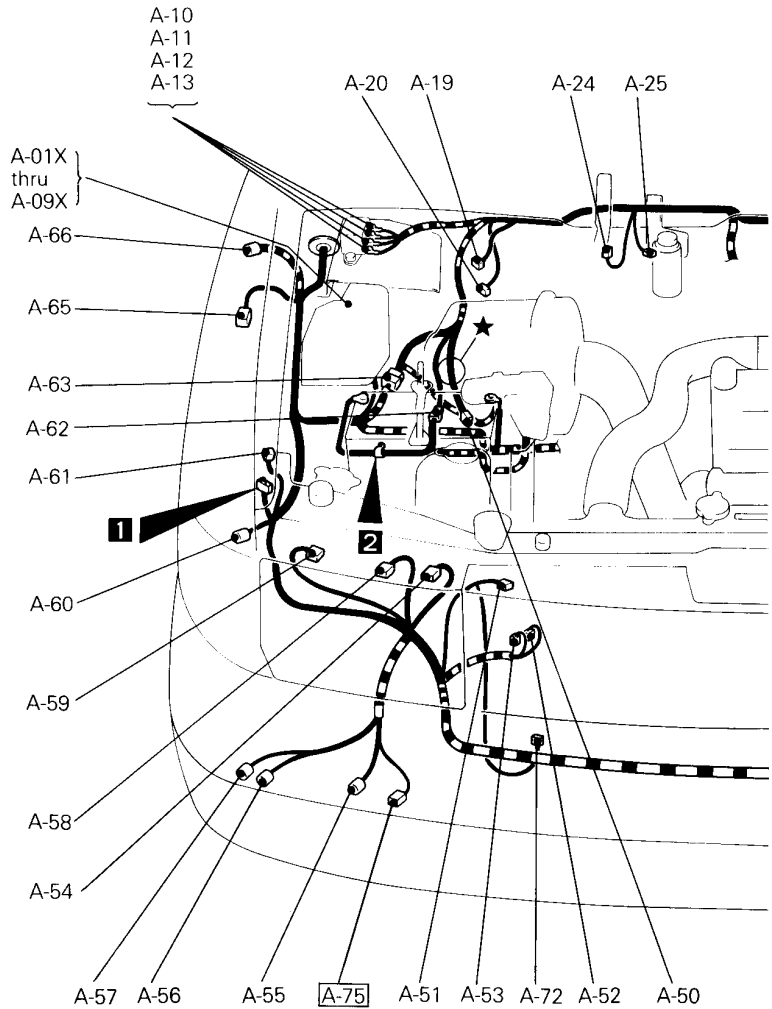
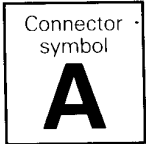
- A-45 } Horn (LH)
- A-46 } Horn (RH)
- A-47 Front turn signal lamp (LH)
- A-48 Condenser fan motor
- A-49 —
- A-50 Back-up lamp switch <M/T>
- A-51 Radiator fan motor
- A-52 Windshield washer motor
- A-53 Rear washer motor
- A-54 Headlamp (RH)
- A-55 Front turn signal lamp (RH)
- A-56 } Horn (RH)
- A-57 } Horn (RH)
- A-58 Headlamp leveling unit (RH)
- A-59 Headlamp washer motor
- A-60 Front combination lamp (RH)
- A-61 Headlamp washer relay
- A-62 Control wiring harness and battery cable combination

- A-63 Front wiring harness and control wiring harness combination
- A-64 —
- A-65 ABS speed sensor (Front: RH)
- A-66 Side turn signal lamp (RH)
- A-67 Daytime running lamp control unit
- A-68 Daytime running lamp relay 1
- A-69 Daytime running lamp relay 2
- A-70 —
- A-71 —
- A-72 Thermo switch and resistor (Radiator fan)
- A-73 A/C refrigerant capacity control solenoid valve
- A-74 Front fog lamp (LH)
- A-75 Front fog lamp (RH)
- A-76 ABS valve relay
- A-77 ABS motor relay

Remark
Connector numbers enclosed by a frame are newly added or transferred connectors.

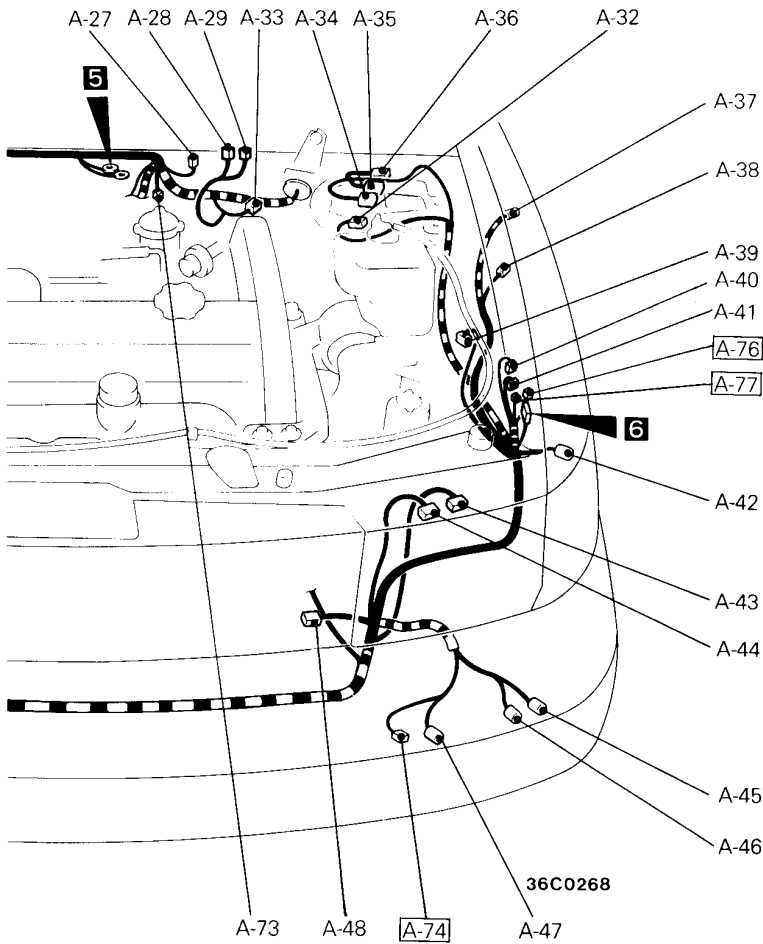
ENGINE COMPARTMENT

R.H. drive vehicles with Diesel engine



- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-09X }
- A-10 } Glow plug relay
- thru }
- A-13 }
- A-14 } —
- thru }
- A-18 }
- A-19 Brake fluid level sensor
- A-20 Vacuum switch
- A-21 } —
- A-22 }
- A-23 }
- A-24 Starter relay
- A-25 Water level switch
- A-26 —
- A-27 Idle-up solenoid valve (A/C)

- A-28 EGR solenoid valve No. 1
- A-29 EGR solenoid valve No. 2
- A-30 —
- A-31 —
- A-32 Resistor
- A-33 Windshield wiper motor
- A-34 Dim-dip lamp relay 1
- A-35 Dim-dip lamp relay 2
- A-36 Dim-dip lamp relay 3
- A-37 Side turn signal lamp (LH)
- A-38 ABS speed sensor (Front: LH)
- A-39 Triple pressure switch
- A-40 } ABS hydraulic unit
- A-41 }
- A-42 Front combination lamp (LH)
- A-43 Headlamp leveling unit (LH)
- A-44 Headlamp (LH)



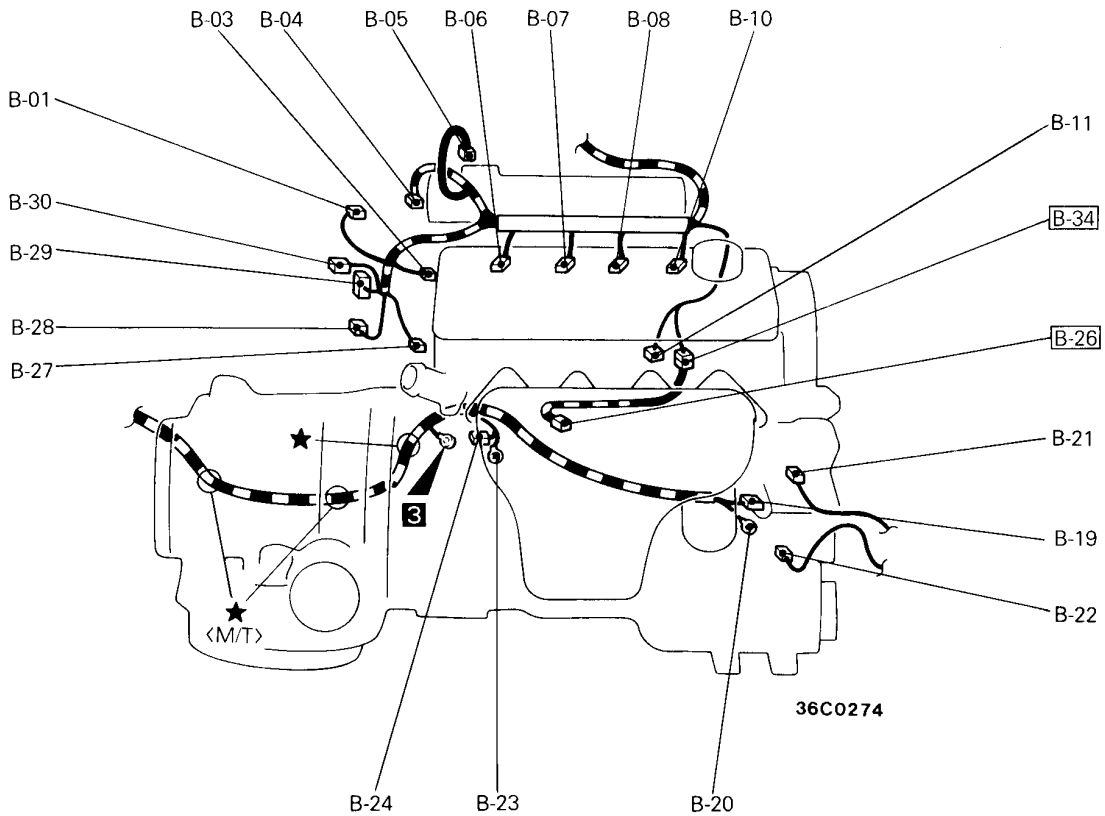
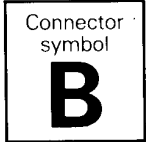
- A-45 } Horn (LH)
- A-46 }
- A-47 Front turn signal lamp (LH)
- A-48 Condenser fan motor
- A-49 —
- A-50 Back-up lamp switch <M/T>
- A-51 Radiator fan motor
- A-52 Windshield washer motor
- A-53 Rear washer motor
- A-54 Headlamp (RH)
- A-55 Front turn signal lamp (RH)
- A-56 } Horn (RH)
- A-57 }
- A-58 Headlamp leveling unit (RH)
- A-59 Headlamp washer motor
- A-60 Front combination lamp (RH)
- A-61 Headlamp washer relay
- A-62 Control wiring harness and battery cable combination

- A-63 Front wiring harness and control wiring harness combination
- A-64 —
- A-65 ABS speed sensor (Front: RH)
- A-66 Side turn signal lamp (RH)
- A-67 } —
- thru }
- A-71 }
- A-72 Thermo switch and resistor (Radiator fan)
- A-73 A/C refrigerant capacity control solenoid valve
- A-74 Front fog lamp (LH)
- A-75 Front fog lamp (RH)
- A-76 ABS valve relay
- A-77 ABS motor relay

Remark
 Connector numbers enclosed by a frame are newly added or transferred connectors.

ENGINE AND TRANSMISSION

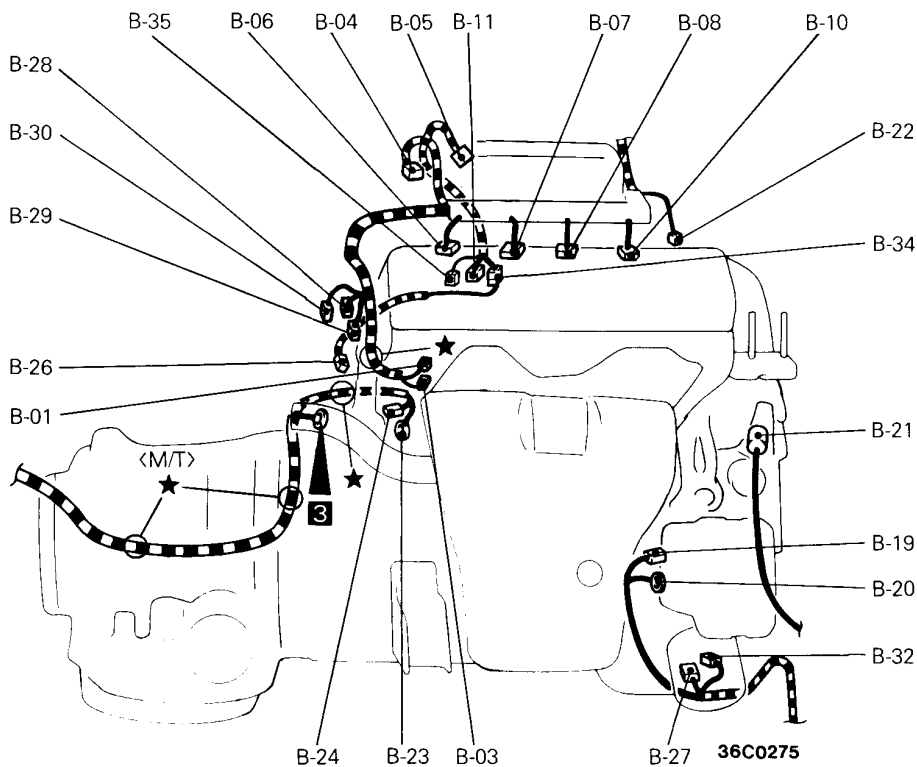
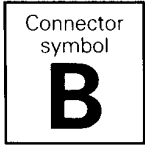
4G93 MPI engine



- | | | | |
|------|--|--|---|
| B-01 | Engine coolant temperature sensor (for engine control) | B-23 | } Starter |
| B-02 | — | B-24 | |
| B-03 | Engine coolant temperature gauge unit | B-25 | — |
| B-04 | Idle speed control actuator | [B-26] | Oxygen sensor |
| B-05 | Throttle position sensor | B-27 | Oil pressure switch |
| B-06 | Injector No. 4 | B-28 | } Distributor assembly |
| B-07 | Injector No. 3 | B-29 | |
| B-08 | Injector No. 2 | B-30 | Capacitor |
| B-09 | — | B-31 | } — |
| B-10 | Injector No. 1 | B-32 | |
| B-11 | Detonation sensor | B-33 | |
| B-12 | } — | [B-34] | Oxygen sensor sub wiring harness and control wiring harness combination |
| thru | | | |
| B-18 | | | |
| B-19 | } Alternator | | |
| B-20 | | | |
| B-21 | Power steering oil pressure switch | Remark | |
| B-22 | Magnetic clutch and revolution pick-up sensor <A/C> | Connector numbers enclosed by a frame [] are newly added or transferred connectors. | |

ENGINE AND TRANSMISSION

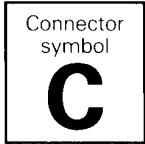
4G63 and 4G64 MPI engine



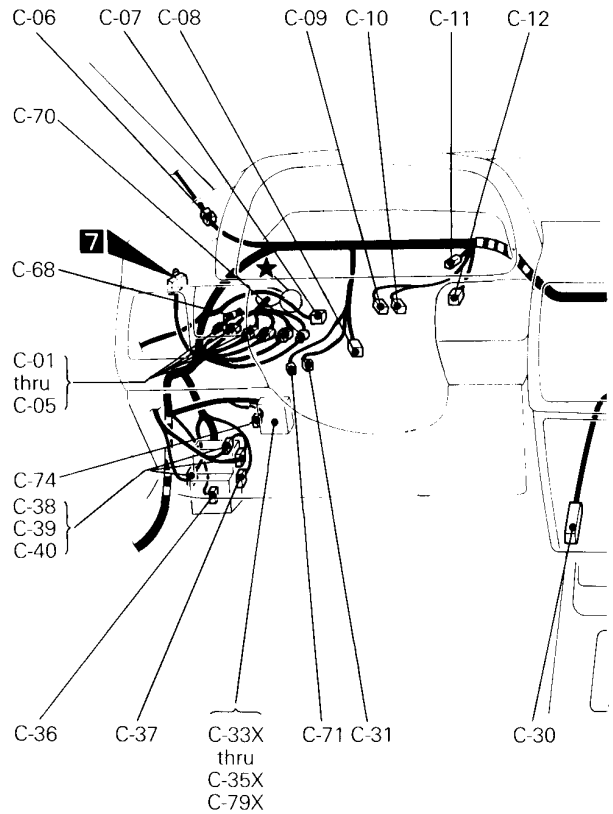
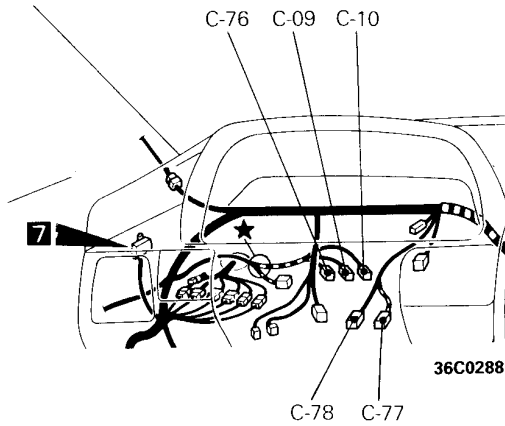
- | | | | |
|----------------------------|--|------|---|
| B-01 | Engine coolant temperature sensor (for engine control) | B-23 | } Starter |
| B-02 | — | B-24 | |
| B-03 | Engine coolant temperature gauge unit | B-25 | — |
| B-04 | Idle speed control actuator | B-26 | Oxygen sensor |
| B-05 | Throttle position sensor | B-27 | Oil pressure switch |
| B-06 | Injector No. 4 | B-28 | } Distributor assembly |
| B-07 | Injector No. 3 | B-29 | |
| B-08 | Injector No. 2 | B-30 | Capacitor |
| B-09 | — | B-31 | — |
| B-10 | Injector No. 1 | B-32 | Engine oil level sensor |
| B-11 | Detonation sensor <4G63> | B-33 | — |
| B-12 }
thru }
B-18 } | — | B-34 | Oxygen sensor sub wiring harness and control wiring harness combination |
| B-19 }
B-20 } | Alternator | B-35 | EGR temperature sensor <4G64> |
| B-21 | Power steering oil pressure switch | | |
| B-22 | Magnetic clutch <A/C> | | |
- Remark
Connector numbers enclosed by a frame are newly added or transferred connectors.

DASH PANEL

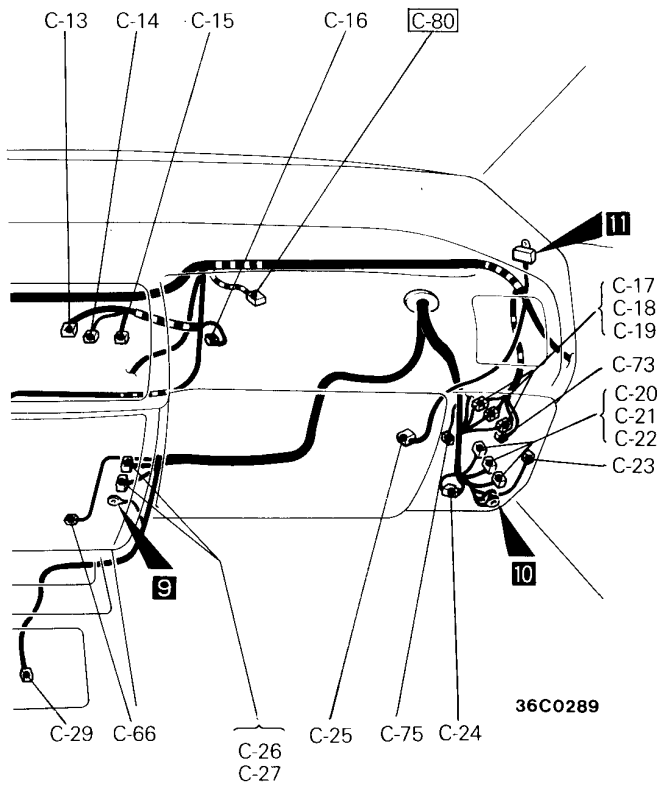
L.H. drive vehicles



Vehicles with SRS

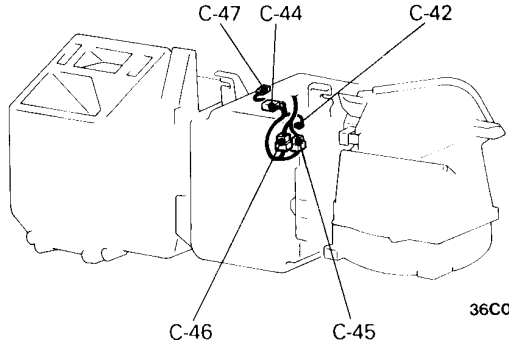


- | | | | |
|----------------------------|--|------------------|---|
| C-01 }
thru }
C-05 } | Front wiring harness and main wiring harness combination | C-26 }
C-27 } | ELC-4A/T control unit |
| C-06 | Main wiring harness and roof wiring harness combination | C-28 | — |
| C-07 | Ignition switch | C-29 | Overdrive switch |
| C-08 | Stop lamp switch | C-30 | ABS control unit |
| C-09 }
C-10 } | Column switch | C-31 | Lighting monitor buzzer |
| C-11 | Diode (for headlamp circuit) | C-32X | — |
| C-12 | No connection | C-33X | Power windows relay |
| C-13 | A/C switch | C-34X | Central door lock control unit or jumper connector |
| C-14 | Heater control illumination lamp | C-35X | Rear fog lamp relay |
| C-15 | Blower switch | C-36 | Diagnosis connector |
| C-16 | Resistor | C-37 | Turn signal and hazard flasher unit |
| C-17 }
C-18 } | Control wiring harness and main wiring harness combination | C-38 }
C-39 } | Main wiring harness and instrument panel wiring harness combination |
| C-19 } | | C-40 | — |
| C-20 | Engine control unit or glow control unit | C-41 | — |
| C-21 }
C-22 } | Engine control unit | C-42 | Air thermo sensor |
| C-23 | Engine control relay | C-43 | — |
| C-24 | Fuel octane ratio selection connector <4G63> | C-44 | Automatic compressor control unit |
| C-25 | Blower motor | C-45 }
C-46 } | Main wiring harness and A/C wiring harness combination |
| | | C-47 | A/C belt lock controller <4G93> |
| | | C-48 | Deffogger relay |
| | | C-49 | Roof wiring harness and junction block combination |



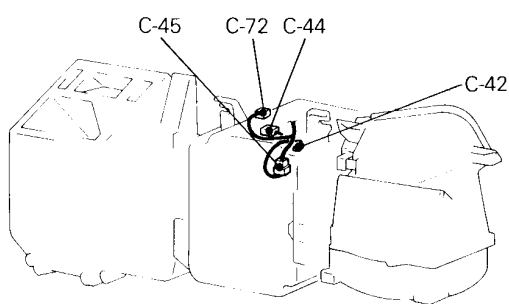
36C0289

**Vehicles with air conditioner
<Vehicles with 4G93 MPI engine>**



36C0278

**<Vehicles with 4G63, 4G64 MPI
and diesel engine>**

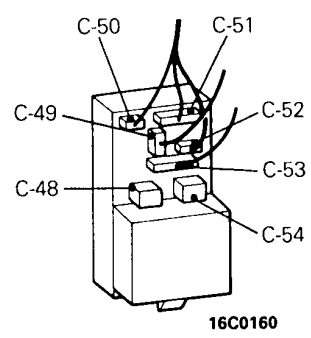


36C0281

- C-50 } Front wiring harness and junction block combination
- C-51 } Front wiring harness and junction block combination
- C-52 } Instrument panel wiring harness and junction block combination
- C-53 } Instrument panel wiring harness and junction block combination
- C-54 } Heater relay
- C-55 } Main wiring harness and junction block combination
- thru } Main wiring harness and junction block combination
- C-61 } Main wiring harness and junction block combination
- C-62 } —
- thru } —
- C-65 } —
- C-66 } Kick down switch <A/T>
- C-67 } —
- C-68 } Diode <Diesel (for A/C circuit)>
- C-69 } —
- C-70 } Front wiring harness and main wiring harness combination <Diesel (A/C)>
- C-71 } Engine oil level relay
- C-72 } A/C relay <Diesel (A/C)>
- C-73 } No connection
- C-74 } J/C (Jumper connector)
- C-75 } J/C (Jumper connector)
- C-76 } Column switch <SRS>
- C-77 } Clock spring <SRS>
- C-78 } Clock spring <SRS>
- C-79X } Horn relay <SRS>

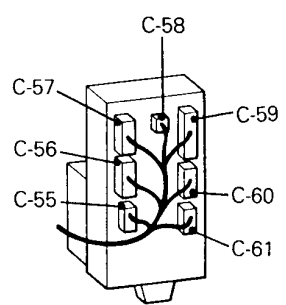
Junction block

(Front side)



16C0160

(Rear side)



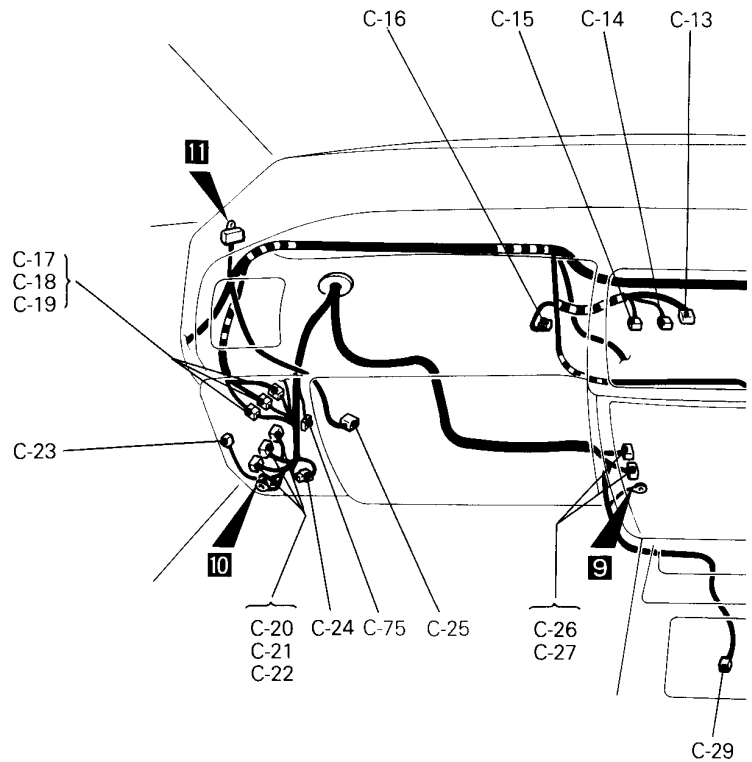
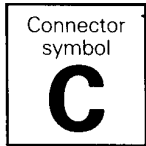
16A0337

C-80 Air bag module (Passenger's side)

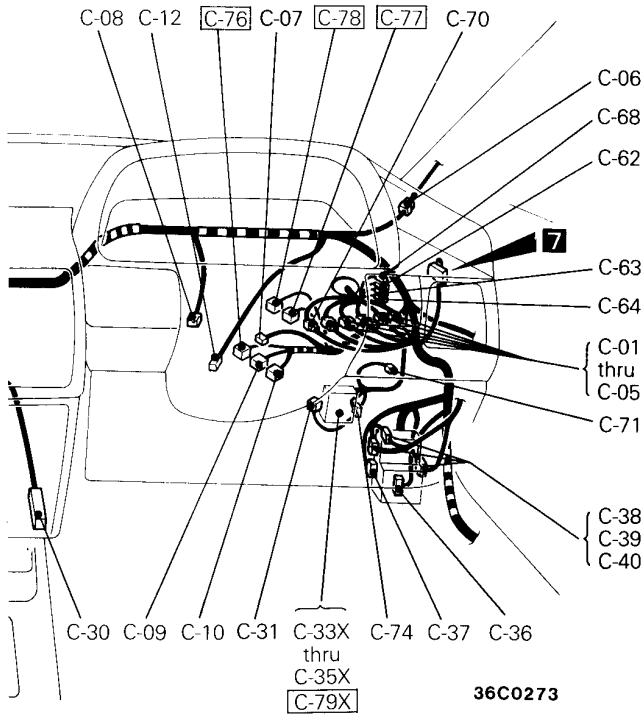
Remark
Connector numbers enclosed by a frame are newly added or transferred connectors.

DASH PANEL

R.H. drive vehicles

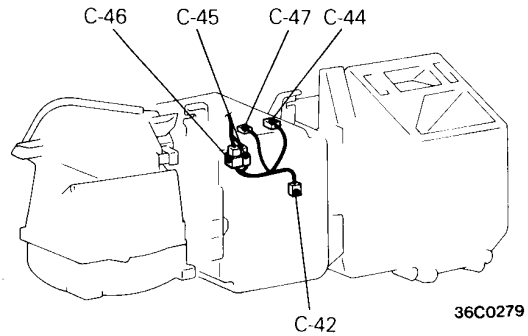


C-01 thru C-05	Front wiring harness and main wiring harness combination	C-26 } ELC-4A/T control unit	C-27 }
C-06	Main wiring harness and roof wiring harness combination	C-28	—
C-07	Ignition switch	C-29	Overdrive switch
C-08	Stop lamp switch	C-30	ABS control unit
C-09 } C-10 }	Column switch	C-31	Lighting monitor buzzer
C-11	—	C-32X	—
C-12	No connection	C-33X	Power windows relay
C-13	A/C switch	C-34X	Central door lock control unit or jumper connector
C-14	Heater control illumination lamp	C-35X	Rear fog lamp relay
C-15	Blower switch	C-36	Diagnosis connector
C-16	Resistor	C-37	Turn signal and hazard flasher unit
C-17 } C-18 }	Control wiring harness and main wiring harness combination	C-38 }	Main wiring harness and instrument panel wiring harness combination
C-19 }		C-39 }	
C-20	Engine control unit or glow control unit	C-40	—
C-21 } C-22 }	Engine control unit	C-41	—
C-23	Engine control relay	C-42	Air thermo sensor
C-24	Fuel octane ratio selection connector	C-43	—
C-25	Blower motor	C-44	Automatic compressor control unit
		C-45 }	Main wiring harness and A/C wiring harness combination
		C-46 }	
		C-47	A/C belt lock controller <4G93>
		C-48	Defogger relay
		C-49	Roof wiring harness and junction block combination



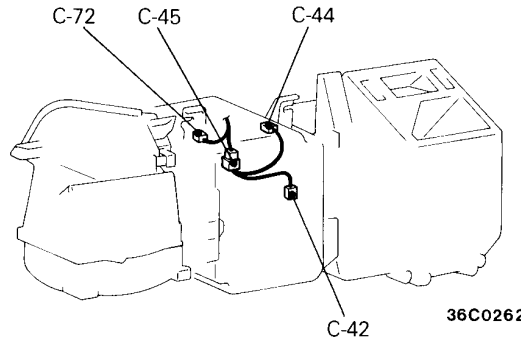
36C0273

Vehicles with air conditioner
<Vehicles with 4G93 MPI engine>



36C0279

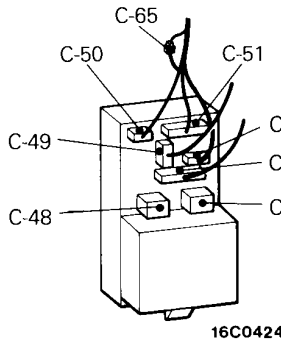
<Vehicles with 4G63 MPI and diesel engine>



36C0262

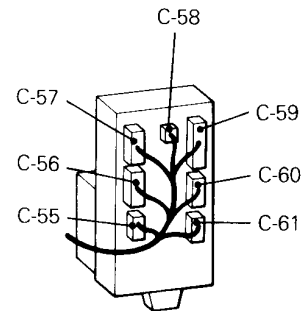
- C-50 } Front wiring harness and junction block combination
- C-51 }
- C-52 }
- C-53 } Instrument panel wiring harness and junction block combination
- C-54 } Heater relay
- C-55 } Main wiring harness and junction block combination
- C-61 }
- C-62 }
- C-63 } Diode (for dim-dip lamp circuit)
- C-64 }
- C-65 } Rear fog lamp connector
- C-66 } —
- C-67 } —
- C-68 } Diode <Diesel (for A/C circuit)>
- C-69 } —
- C-70 } Front wiring harness and main wiring harness combination <Diesel (A/C)>
- C-71 } Engine oil level relay
- C-72 } A/C relay <Diesel (A/C)> or no connection
- C-73 } —
- C-74 } J/C (Jumper connector)

Junction block
(Front side)



16C0424

(Rear side)



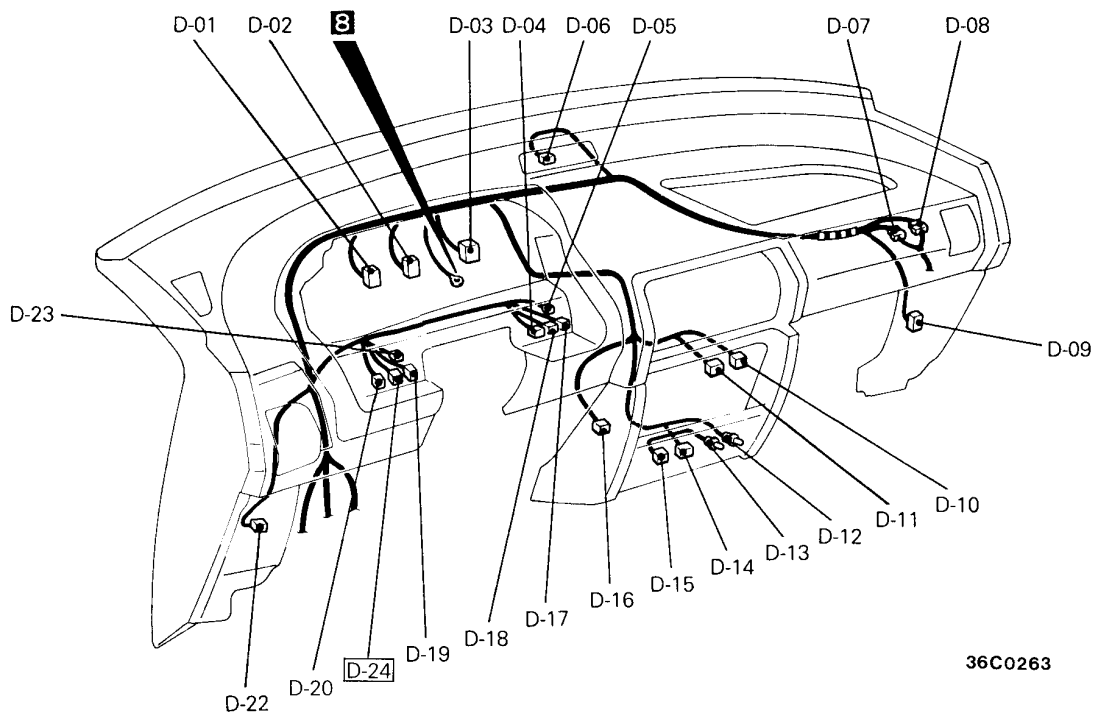
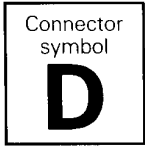
16A0337

- C-75 } J/C (Jumper connector)
- C-76 } Column switch <SRS>
- C-77 } Clock Spring <SRS>
- C-78 }
- C-79X } Horn relay <SRS>

Remark
 Connector numbers enclosed by a frame are newly added or transferred connectors.

INSTRUMENT PANEL

L.H. drive vehicles



36C0263

- D-01 } Combination meter
- D-02 }
- D-03 }
- D-04 Rear wiper and washer switch
- D-05 Cluster switch illumination lamp (RH)
- D-06 Clock
- D-07 } Instrument panel wiring harness and control wiring
- D-08 } harness combination
- D-09 Front speaker (RH)
- D-10 } Radio and tape player
- D-11 }
- D-12 Ashtray illumination lamp
- D-13 Cigarette lighter illumination lamp

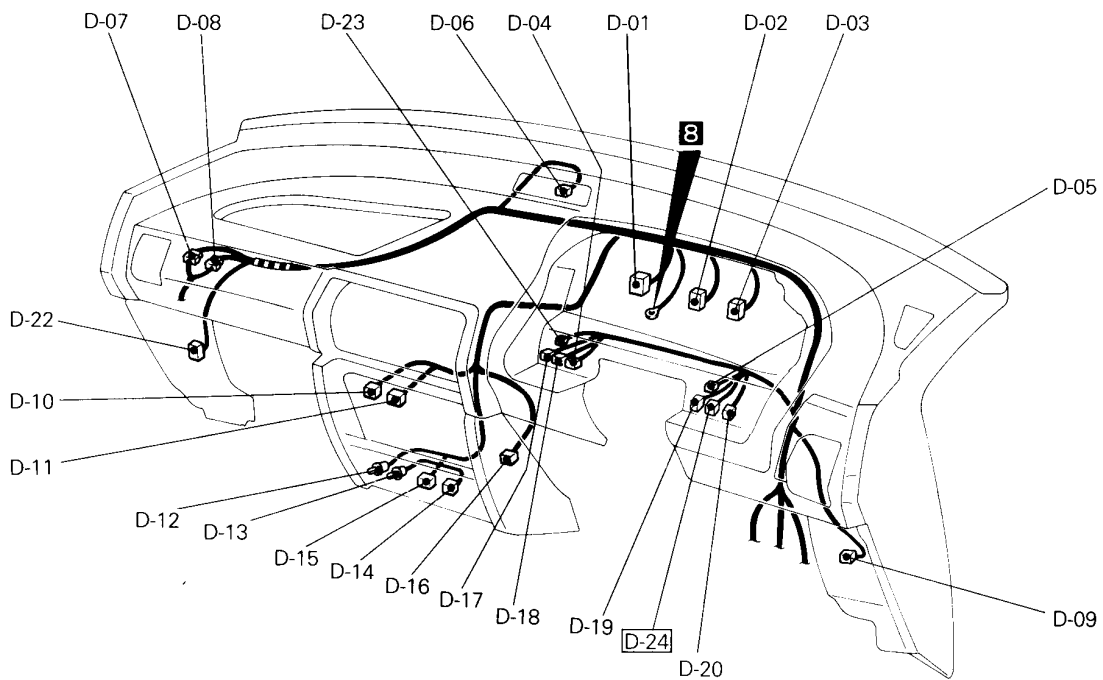
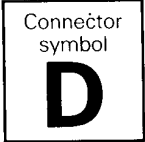
- D-14 } Cigarette lighter
- D-15 }
- D-16 Headlamp leveling switch
- D-17 Hazard switch
- D-18 Defogger switch
- D-19 Rear fog lamp switch
- D-20 Rheostat or jumper connector
- D-21 —
- D-22 Front speaker (LH)
- D-23 Cluster switch illumination lamp (LH)
- D-24 Front fog lamp switch

Remark

Connector numbers enclosed by a frame are newly added or transferred connectors.

INSTRUMENT PANEL

R.H. drive vehicles



36C0264

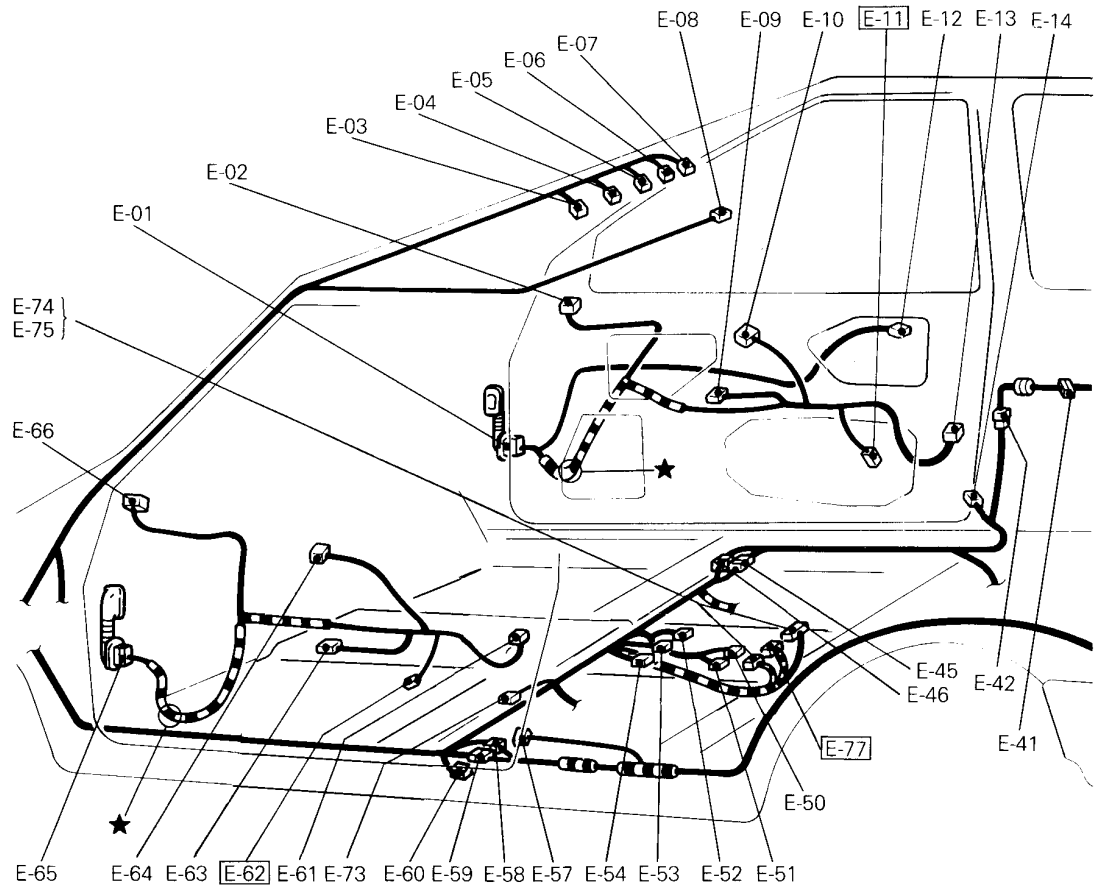
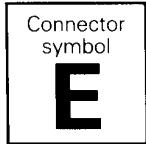
- | | | | |
|----------------------------|--|--|--|
| D-01 }
D-02 }
D-03 } | Combination meter | D-14 }
D-15 } | Cigarette lighter |
| D-04 } | Rear wiper and washer switch | D-16 } | Headlamp leveling switch |
| D-05 } | Cluster switch illumination lamp (RH) | D-17 } | Hazard switch |
| D-06 } | Clock | D-18 } | Defogger switch |
| D-07 }
D-08 } | Instrument panel wiring harness and control wiring harness combination | D-19 } | Rear fog lamp switch |
| D-09 } | Front speaker (RH) | D-20 } | Rheostat or jumper connector |
| D-10 }
D-11 } | Radio and tape player | D-21 } | Door lock switch or tailgate lock switch |
| D-12 } | Ashtray illumination lamp | D-22 } | Front speaker (LH) |
| D-13 } | Cigarette lighter illumination lamp | D-23 } | Cluster switch illumination lamp (LH) |
| | | D-24 | Front fog lamp switch |

Remark

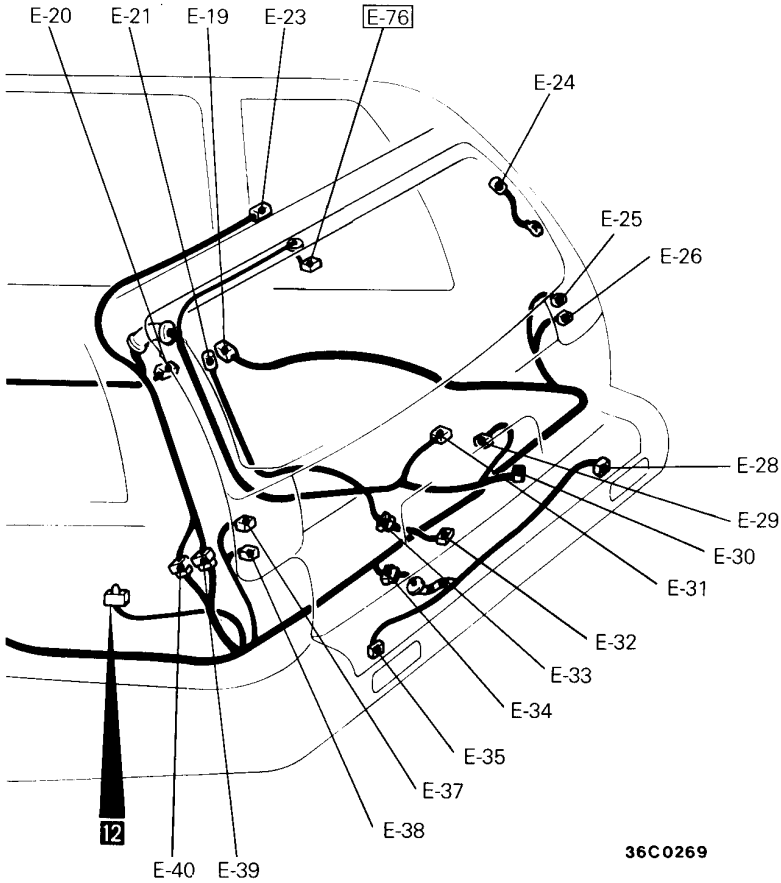
Connector numbers enclosed by a frame are newly added or transferred connectors.

INTERIOR

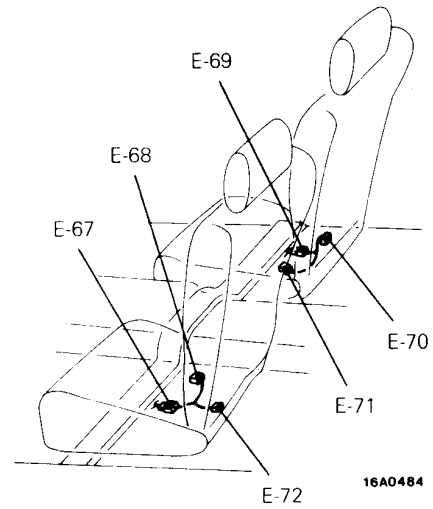
L.H. drive vehicles <SPACE RUNNER>



- | | | | |
|-------------|--|--------|---|
| E-01 | Front door wiring harness (RH) and main wiring harness combination | E-23 | Cargo room lamp |
| E-02 | Remote controlled mirror (RH) | E-24 | Defogger (—) |
| E-03 | Sunroof control relay | E-25 } | Rear combination lamp (RH) |
| E-04 | Sunroof relay | E-26 } | |
| E-05 | Room lamp <vehicles with sunroof> | E-27 | — |
| E-06 | Limit switch <vehicles with sunroof> | E-28 | Back-up lamp |
| E-07 | Sunroof motor | E-29 | License plate lamp |
| E-08 | Room lamp <vehicles without sunroof> | E-30 | Tailgate switch |
| E-09 | Power window motor (RH) | E-31 | Rear wiper motor |
| E-10 | Power window sub switch (front) | E-32 | Tailgate lock actuator |
| E-11 | No connection | E-33 | Tailgate wiring harness and tailgate sub wiring harness combination |
| E-12 | Door lock key cylinder switch | E-34 | Rear wiring harness and rear bumper wiring harness combination |
| E-13 | Front door lock actuator (RH) | E-35 | Rear fog lamp |
| E-14 | Front door switch (passenger's side) | E-36 | — |
| E-15 } | — | E-37 } | Rear combination lamp (LH) |
| thru } | | | |
| E-18 } | | | |
| E-19 | Rear door switch (RH) | E-39 } | Rear wiring harness and tailgate wiring harness combination |
| E-20 | Rear door lock actuator (RH) | E-40 } | |
| E-21 | Defogger (+) | E-41 | Contact switch (door side) |
| E-22 | — | | |



Vehicles with heated seat



36C0269

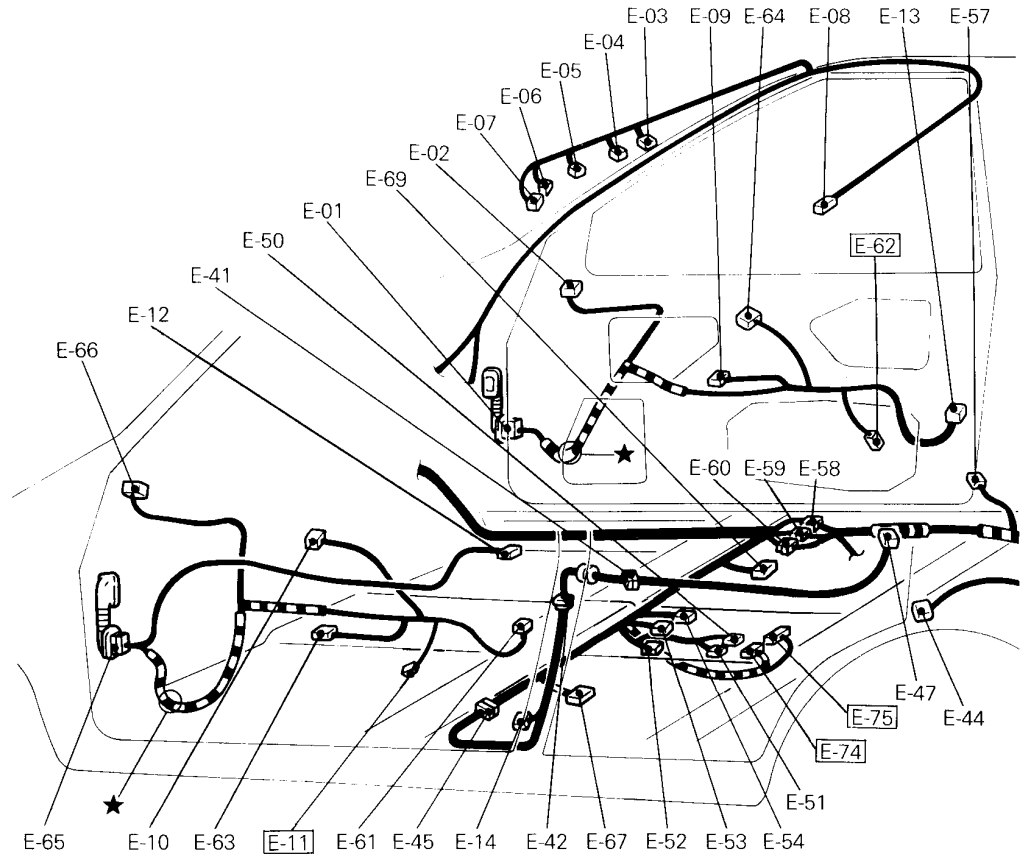
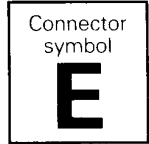
16A0484

- | | | | |
|--|-----------------------------------|--------|---|
| E-42 | Contact switch (body side) | E-63 | Power window motor (LH) |
| E-43 | — | E-64 | Power window main switch |
| E-44 | — | E-65 | Front door wiring harness (LH) and main wiring harness combination |
| E-45 } Main wiring harness and assist wiring harness combination | | E-66 | Remote controlled mirror (LH) |
| E-46 } | | E-67 | Main wiring harness and heated seat wiring harness (LH) combination |
| E-47 | — | E-68 | Seat cushion heater (LH) |
| E-48 | — | E-69 | Main wiring harness and heated seat wiring harness (RH) combination |
| E-49 | — | E-70 | Seat back heater (RH) |
| E-50 | Heated seat switch (RH) | E-71 | Seat cushion heater (RH) |
| E-51 | Heated seat switch (LH) | E-72 | Seat back heater (LH) |
| E-52 | Remote controlled mirror switch | E-73 | No connection |
| E-53 | ABS G sensor <4WD> | E-74 } | SRS diagnosis unit |
| E-54 | Parking brake switch | E-75 } | |
| E-55 | — | E-76 | High-mounted stop lamp |
| E-56 | — | E-77 | SRS diagnosis unit |
| E-57 | Front door switch (driver's side) | | |
| E-58 } Main wiring harness and rear wiring harness combination | | | |
| E-59 } | | | |
| E-60 | No connection | | |
| E-61 | Front door lock actuator (LH) | | |
| E-62 | No connection | | |

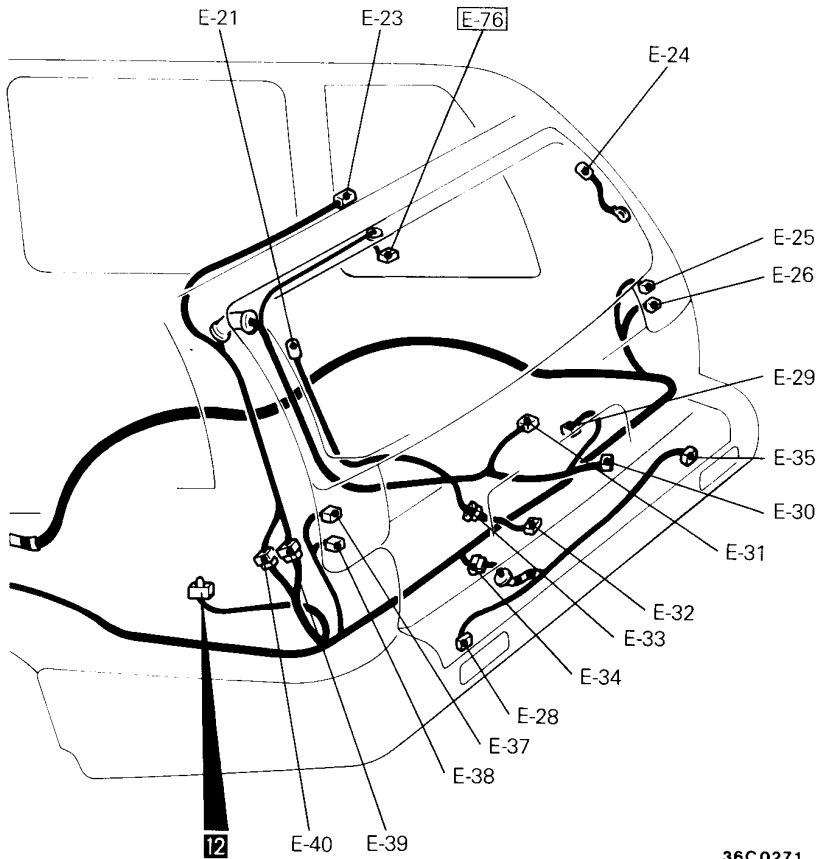
Remark
Connector numbers enclosed by a frame are newly added or transferred connectors.

INTERIOR

R.H. drive vehicles <SPACE RUNNER>



- | | | | |
|------------------|--|------------------|---|
| E-01 | Front door wiring harness (RH) and main wiring harness combination | E-24 | Defogger (-) |
| E-02 | Remote controlled mirror (RH) | E-25 }
E-26 } | Rear combination lamp (RH) |
| E-03 | Sunroof control relay | E-27 | - |
| E-04 | Sunroof relay | E-28 | Back-up lamp |
| E-05 | Room lamp <vehicles with sunroof> | E-29 | License plate lamp |
| E-06 | Limit switch <vehicles with sunroof> | E-30 | Tailgate switch |
| E-07 | Sunroof motor | E-31 | Rear wiper motor |
| E-08 | Room lamp <vehicles without sunroof> | E-32 | Tailgate lock actuator |
| E-09 | Power window motor (RH) | E-33 | Tailgate wiring harness and tailgate sub wiring harness combination |
| E-10 | Power window sub switch (front) | E-34 | Rear wiring harness and rear bumper wiring harness combination |
| E-11 | No connection | E-35 | Rear fog lamp |
| E-12 | Door lock key cylinder switch | E-36 | - |
| E-13 | Front door lock actuator (RH) | E-37 }
E-38 } | Rear combination lamp (LH) |
| E-14 | Front door switch (passenger's side) | E-39 }
E-40 } | Rear wiring harness and tailgate wiring harness combination |
| E-15 }
thru } | - | E-41 | Contact switch (door side) |
| E-20 } | - | E-42 | Contact switch (body side) |
| E-21 | Defogger (+) | | |
| E-22 | - | | |
| E-23 | Cargo room lamp | | |

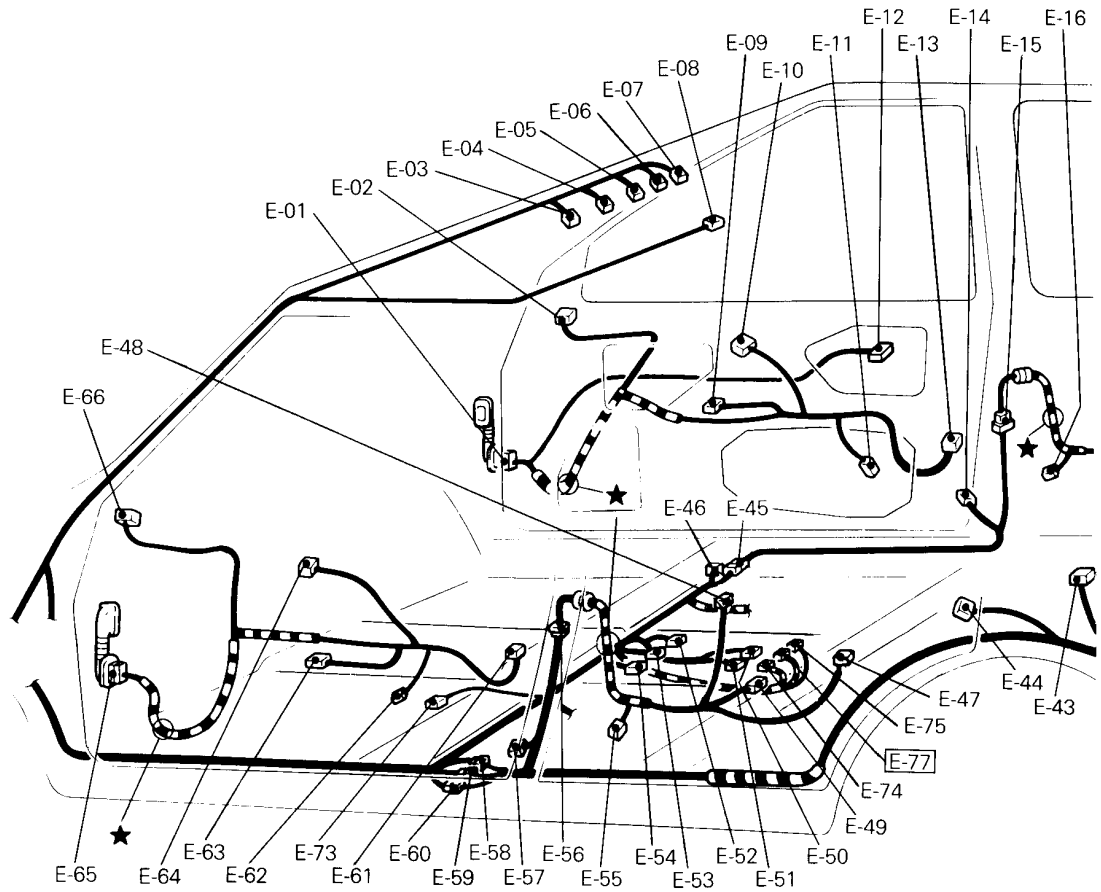
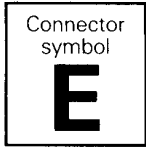


36C0271

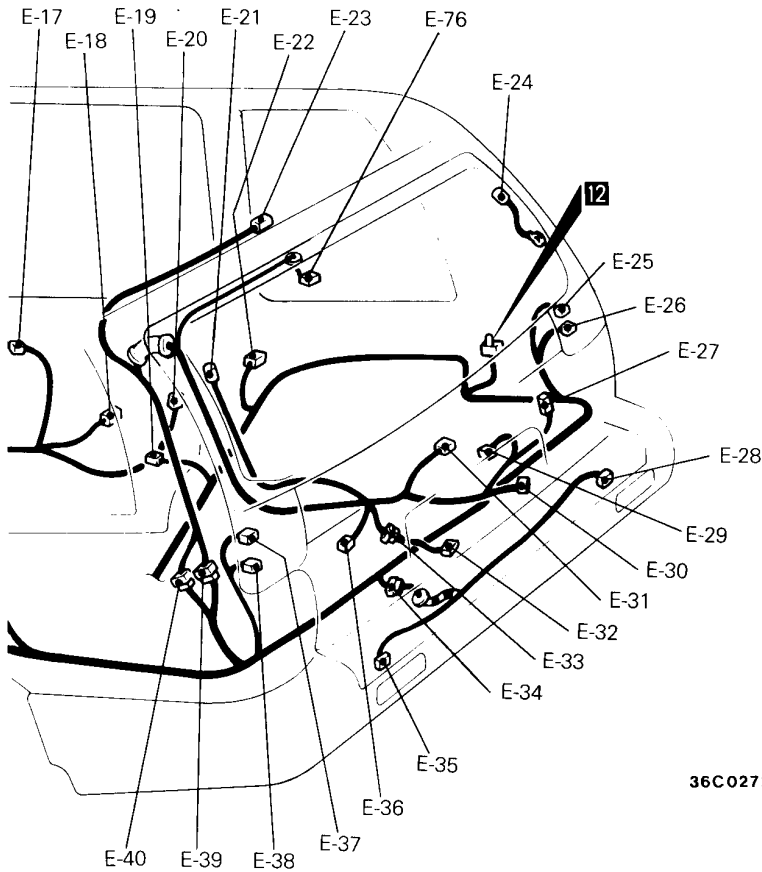
E-43	—	E-61	Front door lock actuator (LH)
E-44	Rear door switch (LH)	E-62	No connection
E-45	Main wiring harness and assist wiring harness combination	E-63	Power window motor (LH)
E-46	—	E-64	Power window main switch
E-47	Rear door lock actuator (LH)	E-65	Front door wiring harness (LH) and main wiring harness combination
E-48	—	E-66	Remote controlled mirror (LH)
E-49	—	E-67	No connection
E-50	} No connection	E-68	—
E-51		E-69	No connection
E-52	Remote controlled mirror switch	E-70	} —
E-53	ABS G sensor <4WD>	E-73	
E-54	Parking brake switch	E-74	
E-55	—	E-75	
E-56	—	E-76	High-mounted stop lamp
E-57	Front door switch (driver's side)	Remark	
E-58	} Main wiring harness and rear wiring harness combination	Connector numbers enclosed by a frame are newly added or transferred connectors.	
E-59			
E-60			

INTERIOR

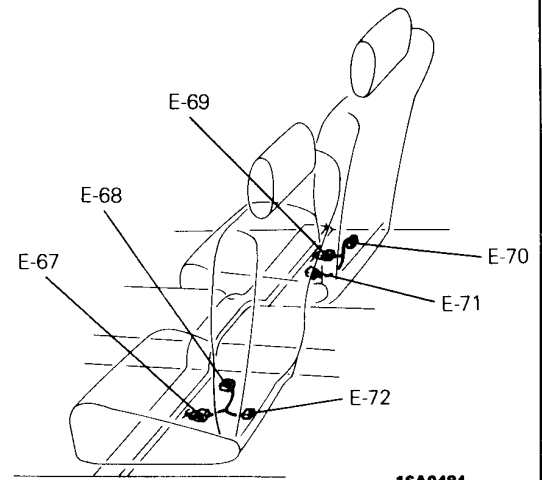
L.H. drive vehicles <SPACE WAGON>



- | | | | |
|------|--|--------|---|
| E-01 | Front door wiring harness (RH) and main wiring harness combination | E-22 | Rear speaker (RH) |
| E-02 | Remote controlled mirror (RH) | E-23 | Cargo room lamp |
| E-03 | Sunroof control relay | E-24 | Defogger (-) |
| E-04 | Sunroof relay | E-25 } | Rear combination lamp (RH) |
| E-05 | Room lamp <vehicles with sunroof> | E-26 } | |
| E-06 | Limit switch <vehicles with sunroof> | E-27 | Tailgate lamp (RH) |
| E-07 | Sunroof motor | E-28 | Back-up lamp |
| E-08 | Room lamp <vehicles without sunroof> | E-29 | License plate lamp |
| E-09 | Power window motor (RH) | E-30 | Tailgate switch |
| E-10 | Power window sub switch (front) | E-31 | Rear wiper motor |
| E-11 | Front door lamp (passenger's side) | E-32 | Tailgate lock actuator |
| E-12 | Door lock key cylinder switch | E-33 | Tailgate wiring harness and tailgate sub wiring harness combination |
| E-13 | Front door lock actuator (RH) | E-34 | Rear wiring harness and rear bumper wiring harness combination |
| E-14 | Front door switch (passenger's side) | E-35 | Rear fog lamp |
| E-15 | Assist wiring harness and rear door wiring harness combination | E-36 | Tailgate lamp (LH) |
| E-16 | Power window motor (rear: RH) | E-37 } | Rear combination lamp (LH) |
| E-17 | Power window sub switch (rear: RH) | E-38 } | |
| E-18 | Rear door lamp (RH) | E-39 } | Rear wiring harness and tailgate wiring harness combination |
| E-19 | Rear door switch (RH) | E-40 } | |
| E-20 | Rear door lock actuator (RH) | E-41 } | - |
| E-21 | Defogger (+) | E-42 } | |



Vehicles with heated seat



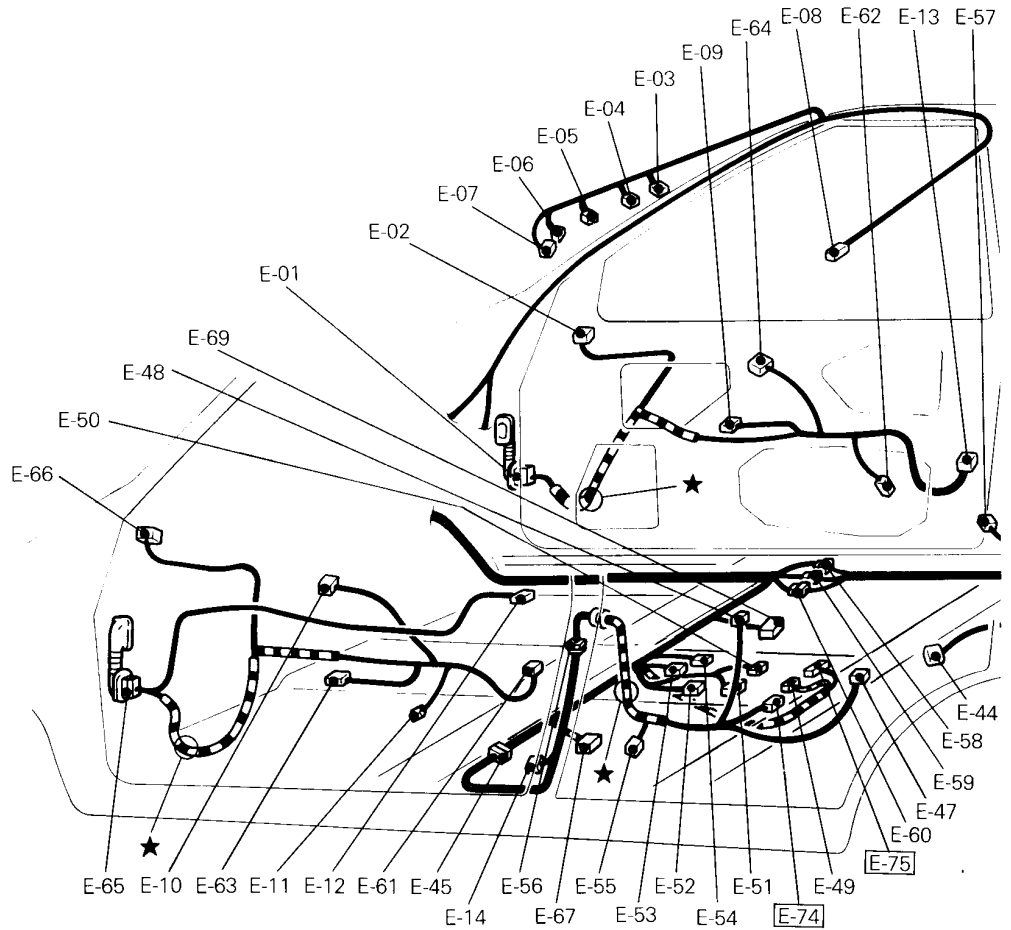
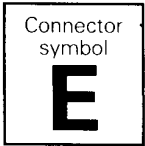
16A0484

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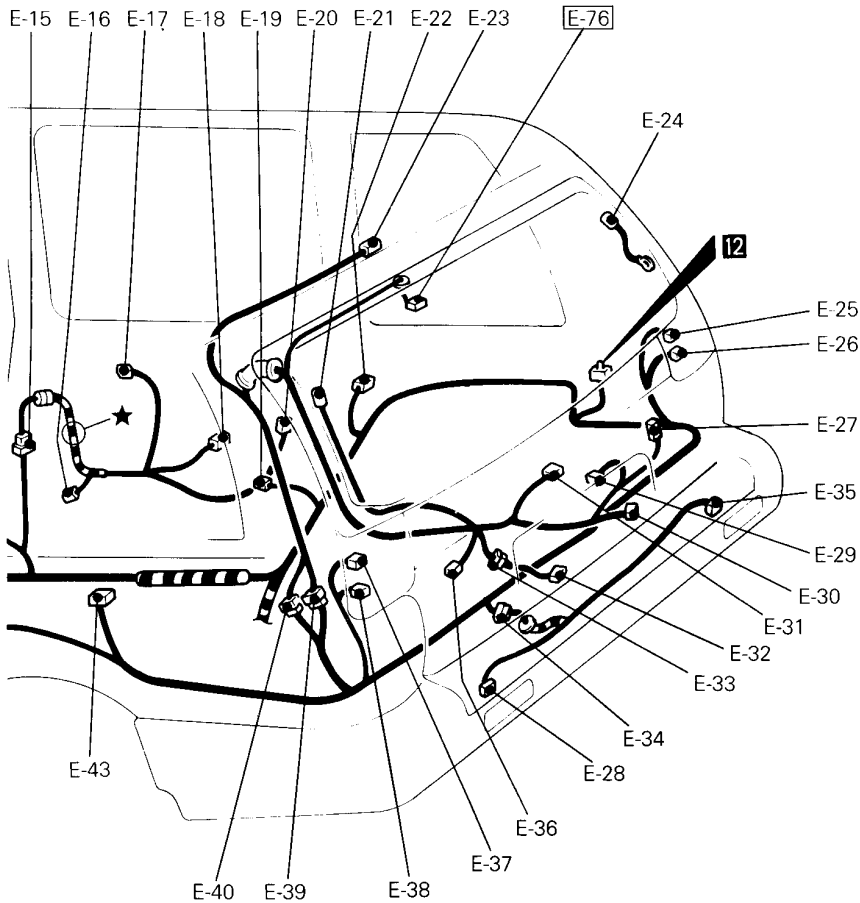
E-43	Rear speaker (LH)	E-63	Power window motor (LH)
E-44	Rear door switch (LH)	E-64	Power window main switch
E-45	Main wiring harness and assist wiring harness combination	E-65	Front door wiring harness (LH) and main wiring harness combination
E-46	No connection	E-66	Remote controlled mirror (LH)
E-47	Rear door lock actuator (LH)	E-67	Main wiring harness and heated seat wiring harness (LH) combination
E-48	Power window sub switch (rear: LH)	E-68	Seat cushion heater (LH)
E-49	Rear door lamp (LH)	E-69	Main wiring harness and heated seat wiring harness (RH) combination
E-50	Heated seat switch (RH)	E-70	Seat back heater (RH)
E-51	Heated seat switch (LH)	E-71	Seat cushion heater (RH)
E-52	Remote controlled mirror switch	E-72	Seat back heater (LH)
E-53	ABS G sensor <4WD>	E-73	Rear oxygen sensor <4G64> or no connection
E-54	Parking brake switch	E-74 }	SRS diagnosis unit
E-55	Power window motor (rear: LH)	E-75 }	
E-56	Assist wiring harness and rear door (LH) wiring harness combination	E-76	High-mounted stop lamp
E-57	Front door switch (driver's side)	E-77	SRS diagnosis unit
E-58 }	Main wiring harness and rear wiring harness combination	Remark	
E-59 }		Connector numbers enclosed by a frame are newly added or transferred connectors.	
E-60 }			
E-61	Front door lock actuator (LH)		
E-62	Front door lamp (driver's side)		

INTERIOR

R.H. drive vehicles <SPACE WAGON>



- | | | | |
|------|--|------------------|---|
| E-01 | Front door wiring harness (RH) and main wiring harness combination | E-20 | Rear door lock actuator (RH) |
| E-02 | Remote controlled mirror (RH) | E-21 | Defogger (+) |
| E-03 | Sunroof control relay | E-22 | Rear speaker (RH) |
| E-04 | Sunroof relay | E-23 | Cargo room lamp |
| E-05 | Room lamp <vehicles with sunroof> | E-24 | Defogger (-) |
| E-06 | Limit switch <vehicles with sunroof> | E-25 }
E-26 } | Rear combination lamp (RH) |
| E-07 | Sunroof motor | E-27 | Tailgate lamp (RH) |
| E-08 | Room lamp <vehicles without sunroof> | E-28 | Back-up lamp |
| E-09 | Power window motor (RH) | E-29 | License plate lamp |
| E-10 | Power window sub switch (front) | E-30 | Tailgate switch |
| E-11 | Front door lamp (passenger's side) | E-31 | Rear wiper motor |
| E-12 | Door lock key cylinder switch | E-32 | Tailgate lock actuator |
| E-13 | Front door lock actuator (RH) | E-33 | Tailgate wiring harness and tailgate sub wiring harness combination |
| E-14 | Front door switch (passenger's side) | E-34 | Rear wiring harness and rear bumper wiring harness combination |
| E-15 | Assist wiring harness and rear door wiring harness combination | E-35 | Rear fog lamp |
| E-16 | Power window motor (rear: RH) | E-36 | Tailgate lamp (LH) |
| E-17 | Power window sub switch (rear: RH) | E-37 }
E-38 } | Rear combination lamp (LH) |
| E-18 | Rear door lamp (RH) | | |
| E-19 | Rear door switch (RH) | | |



36C0270

- | | |
|--|---|
| E-39 } Rear wiring harness and tailgate wiring harness combination | E-58 } Main wiring harness and rear wiring harness combination |
| E-40 } combination | E-59 } Main wiring harness and rear wiring harness combination |
| E-41 — | E-60 } Main wiring harness and rear wiring harness combination |
| E-42 — | E-61 Front door lock actuator (LH) |
| E-43 Rear speaker (LH) | E-62 Front door lamp (driver's side) |
| E-44 Rear door switch (LH) | E-63 Power window motor (LH) |
| E-45 Main wiring harness and assist wiring harness combination | E-64 Power window main switch |
| E-46 — | E-65 Front door wiring harness (LH) and main wiring harness combination |
| E-47 Rear door lock actuator (LH) | E-66 Remote controlled mirror (LH) |
| E-48 Power window sub switch (rear: LH) | E-67 No connection |
| E-49 Rear door lamp (LH) | E-68 — |
| E-50 } No connection | E-69 No connection |
| E-51 } No connection | E-70 } — |
| E-52 Remote controlled mirror switch | E-71 } — |
| E-53 ABS G sensor <4WD> | E-72 } — |
| E-54 Parking brake switch | E-73 } — |
| E-55 Power window motor (rear: LH) | E-74 } SRS diagnosis unit |
| E-56 Assist wiring harness and rear door (LH) wiring harness combination | E-75 } SRS diagnosis unit |
| E-57 Front door switch (driver's side) | E-76 } High-mounted stop lamp |
- Remark
Connector numbers enclosed by a frame are newly added or transferred connectors.

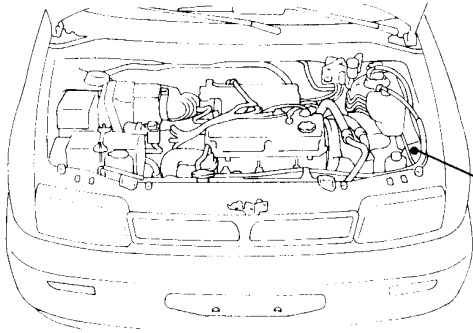
3 SINGLE PART INSTALLATION POSITION

RELAY 3-2
SOLENOID VALVE 3-2

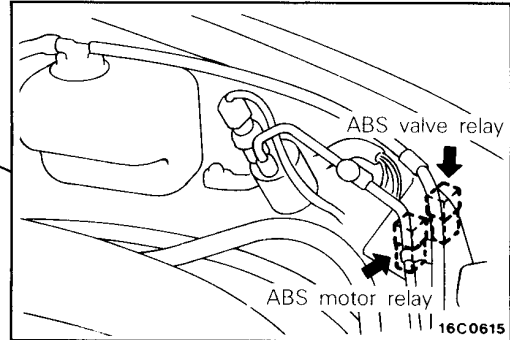
3-2 SINGLE PART INSTALLATION POSITION — Relay/Solenoid Valve

RELAY

Name
ABS motor relay
ABS valve relay

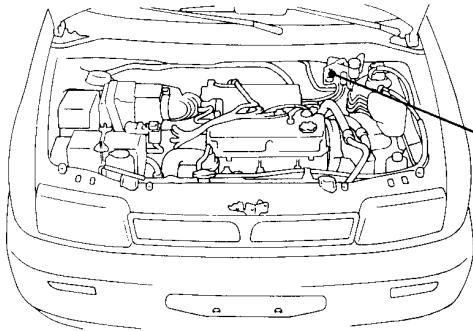


16C0429

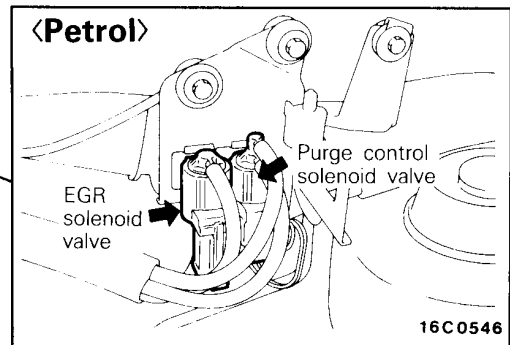


SOLENOID VALVE

Name
EGR solenoid valve



16C0429



4 CIRCUIT DIAGRAM

CENTRALIZED JUNCTION	4-2	TURN-SIGNAL LAMP AND HAZARD LAMP	
POWER DISTRIBUTION SYSTEM	4-7	• Vehicles with SRS	4-70
STARTING SYSTEM		• Vehicles without SRS	4-72
• Petrol-powered vehicles	4-14	METER AND GAUGE	4-74
IGNITION SYSTEM	4-15	BRAKE WARNING LAMP	4-76
CHARGING SYSTEM		FUEL WARNING LAMP	
• 4G93	4-16	• L.H. drive vehicles	4-76
• 4G63, 4G64 and 4D68	4-17	• R.H. drive vehicles	4-77
GLOW SYSTEM	4-18	OIL PRESSURE WARNING LAMP	4-77
MPI SYSTEM		FUEL FILTER WARNING LAMP	4-78
• 4G93 <L.H. drive vehicles>	4-20	CENTRAL DOOR LOCKING SYSTEM	
• 4G93 <R.H. drive vehicles>	4-26	• SPACE RUNNER	
• 4G63 and 4G64 <L.H. drive vehicles>	4-32	<L.H. drive vehicles>	4-80
• 4G63 <R.H. drive vehicles>	4-38	• SPACE RUNNER	
COOLING SYSTEM		<R.H. drive vehicles>	4-82
• 4G93	4-44	• SPACE WAGON	
• 4G63 and 4G64	4-45	<L.H. drive vehicles>	4-84
• 4D68	4-46	• SPACE WAGON	
ELC 4-SPEED AUTOMATIC TRANSMISSION		<R.H. drive vehicles>	4-86
• L.H. drive vehicles	4-48	HEATER AND AIR CONDITIONER	
• R.H. drive vehicles	4-54	• 4G93	4-88
HEADLAMP		• 4G63 and 4G64	4-92
• L.H. drive vehicles without daytime running lamp <without SRS>	4-59	• 4D68	4-96
• R.H. drive vehicles with SRS	4-60	WINDSHIELD WIPER AND WASHER	
FRONT FOG LAMP		• Vehicles with SRS	4-100
• L.H. drive vehicles	4-64	• Vehicles without SRS	4-101
• R.H. drive vehicles	4-66	CIGARETTE LIGHTER	4-102
REAR FOG LAMP		SUNROOF	4-103
• L.H. drive vehicles without daytime running lamp <without SRS>	4-67	ANTI-LOCK BRAKE SYSTEM (ABS)	4-104
• R.H. drive vehicles with SRS	4-68	SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	
CLUSTER SWITCH ILLUMINATION LAMP	4-69	• L.H. drive vehicles	4-108
		• R.H. drive vehicles	4-110

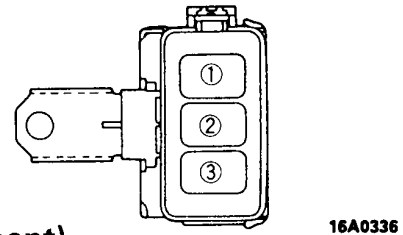
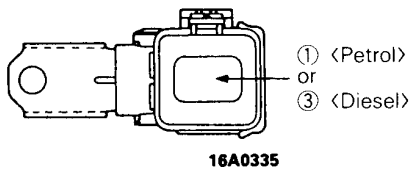
CENTRALIZED JUNCTION

MAIN FUSIBLE LINK (Connected directly to battery positive terminal)

No.	Circuit	Housing colour	Rated capacity (A)
1	ABS circuit (hydraulic unit power source)	Yellow	60
2	—	—	—
3	Grow circuit	Black	80

〈Petrol-powered vehicles with ABS and Diesel-powered vehicles without ABS〉

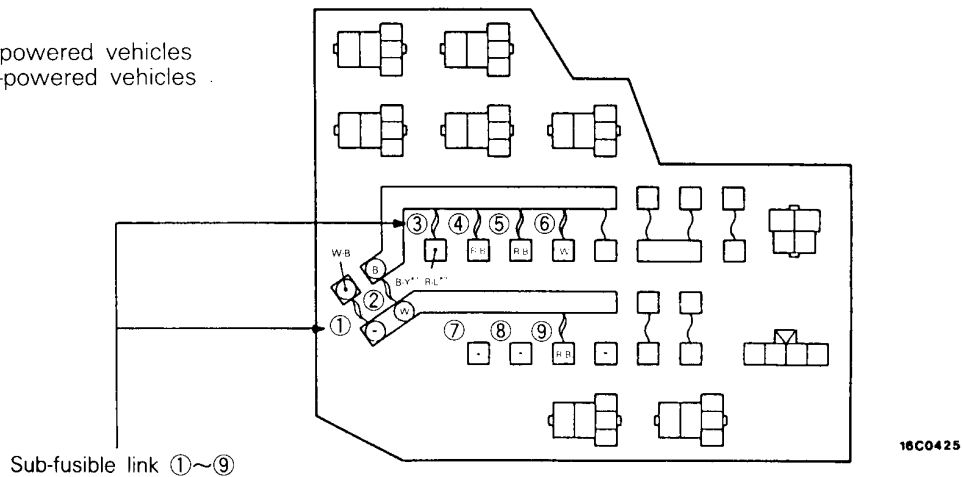
〈Diesel-powered vehicles with ABS〉



SUB-FUSIBLE LINK (Relay box in engine compartment)

No.	Circuit	Housing colour	Rated capacity (A)
1	Junction block (Multi-purpose fuse ⑥, ⑭, ⑮, ⑯, ⑰, ⑱), A/C compressor circuit	Yellow	60
2	Sub-fusible link No. ①, ⑨, alternator circuit	Black	80
3	MPI circuit <Petrol>	Blue	20
	Starting circuit <Diesel>	Pink	30
4	Headlamp, tail lamp circuit and alternator circuit	Green	40
5	Radiator fan motor and condenser fan motor circuit	Pink	30 <Petrol>
		Green	40 <Diesel>
6	Ignition switch	Pink	30
7	—	—	—
8	—	—	—
9	Power window circuit	Pink	30

NOTE
 (1) *1: Petrol-powered vehicles
 (2) *2: Diesel-powered vehicles

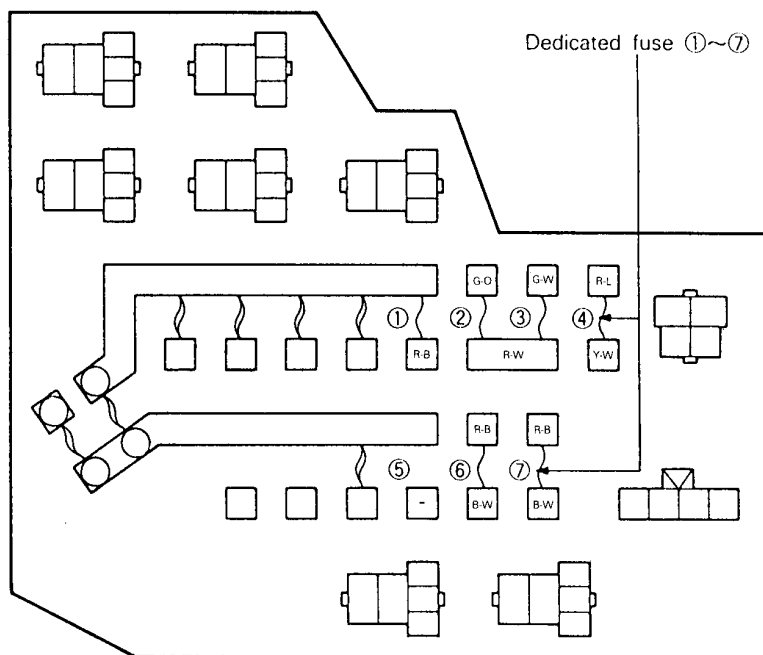


DEDICATED FUSE (Relay box in engine compartment)

Power supply circuit	No.	Rated capacity (A)	Housing Colour	Circuit
Battery	1	10	Red	Hazard lamp circuit
Tail lamp relay (Battery)	2	10	Red	Tail lamp circuit
	3	10	Red	Tail lamp circuit Illumination circuit Lighting monitor buzzer circuit Headlamp washer circuit
Headlamp relay (Battery)	4	10	Red	Upper beam indicator circuit Rear fog lamp circuit Headlamp leveling circuit
Battery	5	—	—	—
	6	15 ^{*1}	Blue	Condenser fan motor circuit
		25 ^{*2}	Transparent	
7	10	Red	A/C compressor circuit	

NOTE

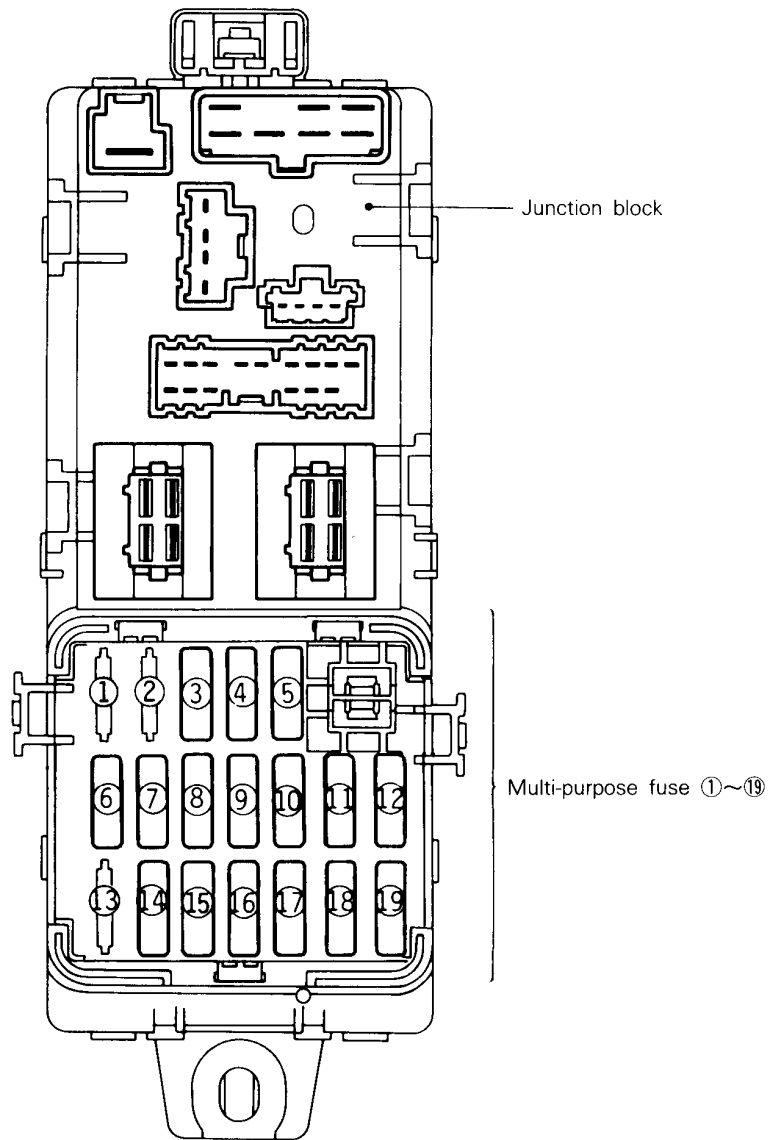
- (1) *1: Petrol-powered vehicles
- (2) *2: Diesel-powered vehicles



16C0425

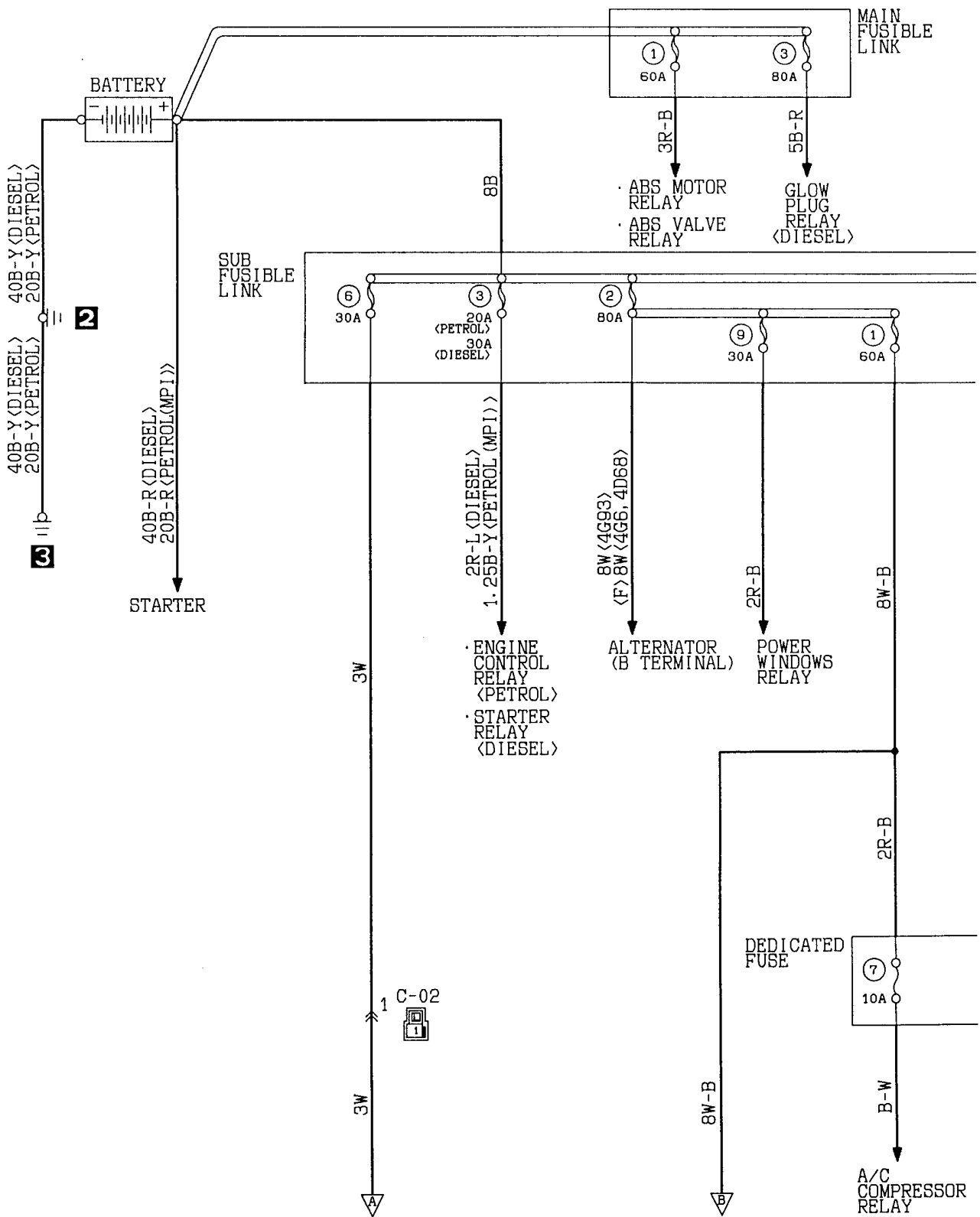
MULTI-PURPOSE FUSE (In junction block)

Power supply circuit	No.	Rated capacity (A)	Housing colour	Load circuit	
Battery	1	—	—	—	
Ignition switch	2	—	—	—	
	IG2	3	10	Red	Heater relay, defogger relay, headlamp washer relay, G Sensor <4WD>, daytime running lamp control unit, sunroof relay, power windows relay, daytime running lamp relay 1, A/C belt lock controller <4G93>, automatic compressor control unit and ABS control unit
		4	10	Red	Clock, radio and tape player
	ACC	5	15	Blue	Cigarette lighter and remote controlled mirror
		Battery	6	15	Blue
Ignition switch	IG2	7	10	Red	Combination meter <4A/T> and ELC-4A/T control unit
		8	10	Red	Heated seat switch
	ACC	9	20	Yellow	Intermittent wiper relay, wiper and washer motor
		10	10	Red	Horn and horn relay <SRS>
	IG1	11	10	Red	Combination meter, lighting monitor buzzer and SRS diagnosis unit
		12	10	Red	Turn signal and hazard flasher unit
Battery	13	—	—	—	
	14	20	Yellow	Defogger, defogger switch and door mirror heater	
	15	20	Yellow	Sunroof control relay	
	16	30	Pink	Blower motor	
	17	15	Blue	Stop lamp and ABS control unit	
Ignition switch	IG1	18	10	Red	Back-up lamp and SRS diagnosis unit
Battery	19	10	Red	Room lamp, cargo room lamp, door lamp, clock, radio and tape player, combination meter, central door lock control unit, engine control unit, ELC-4A/T control unit and MUT-II (diagnosis connector)	

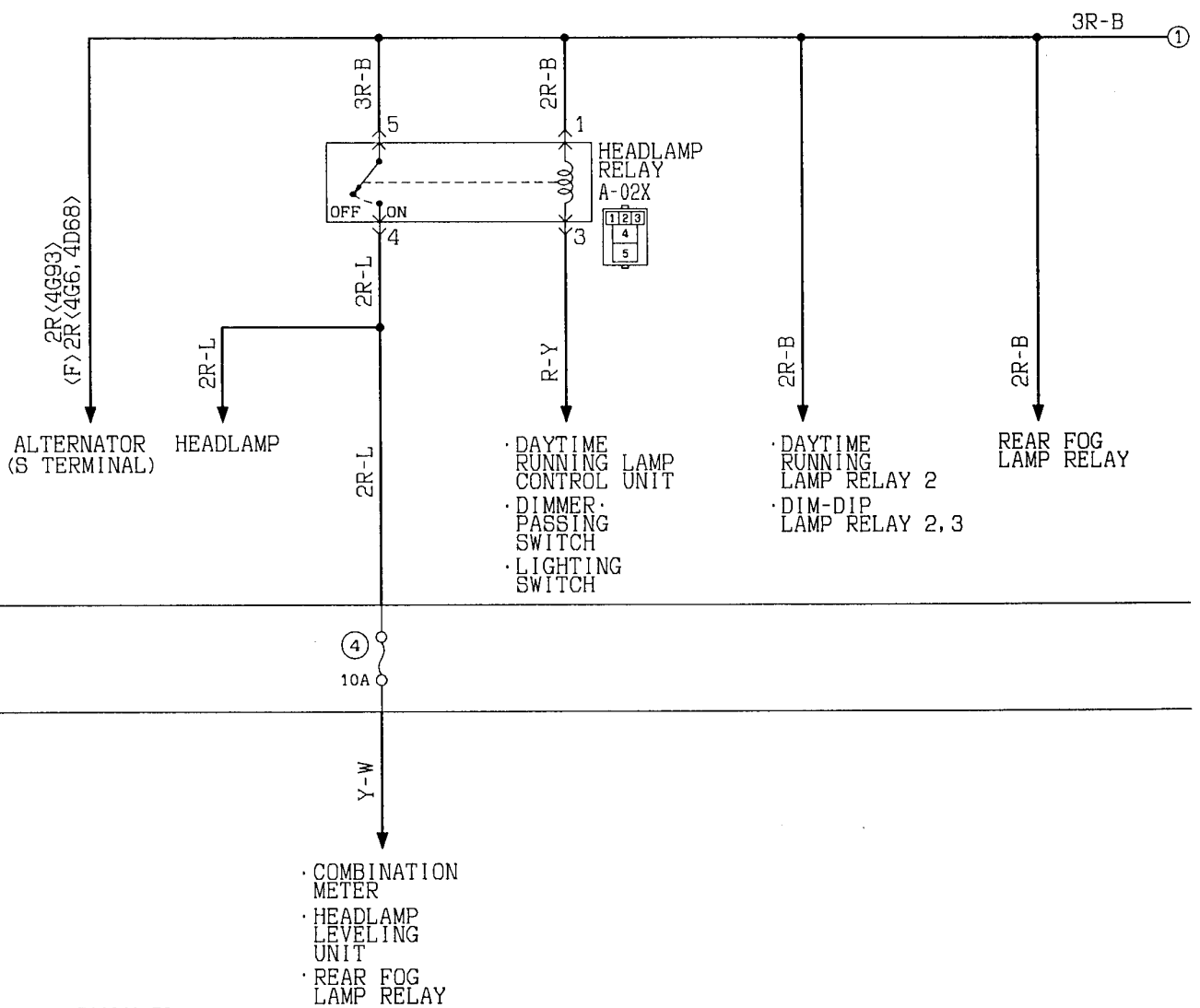


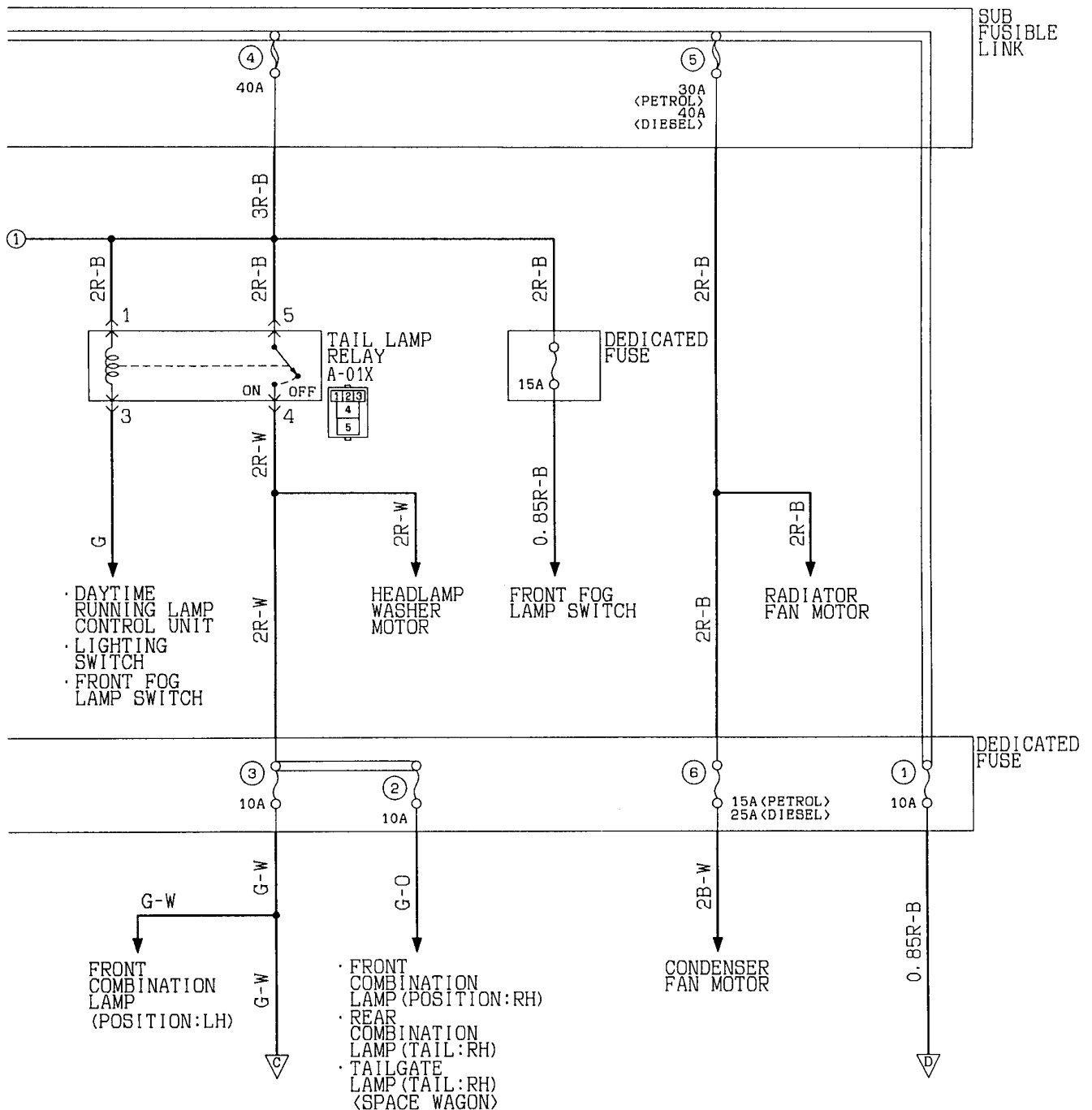
16C0541

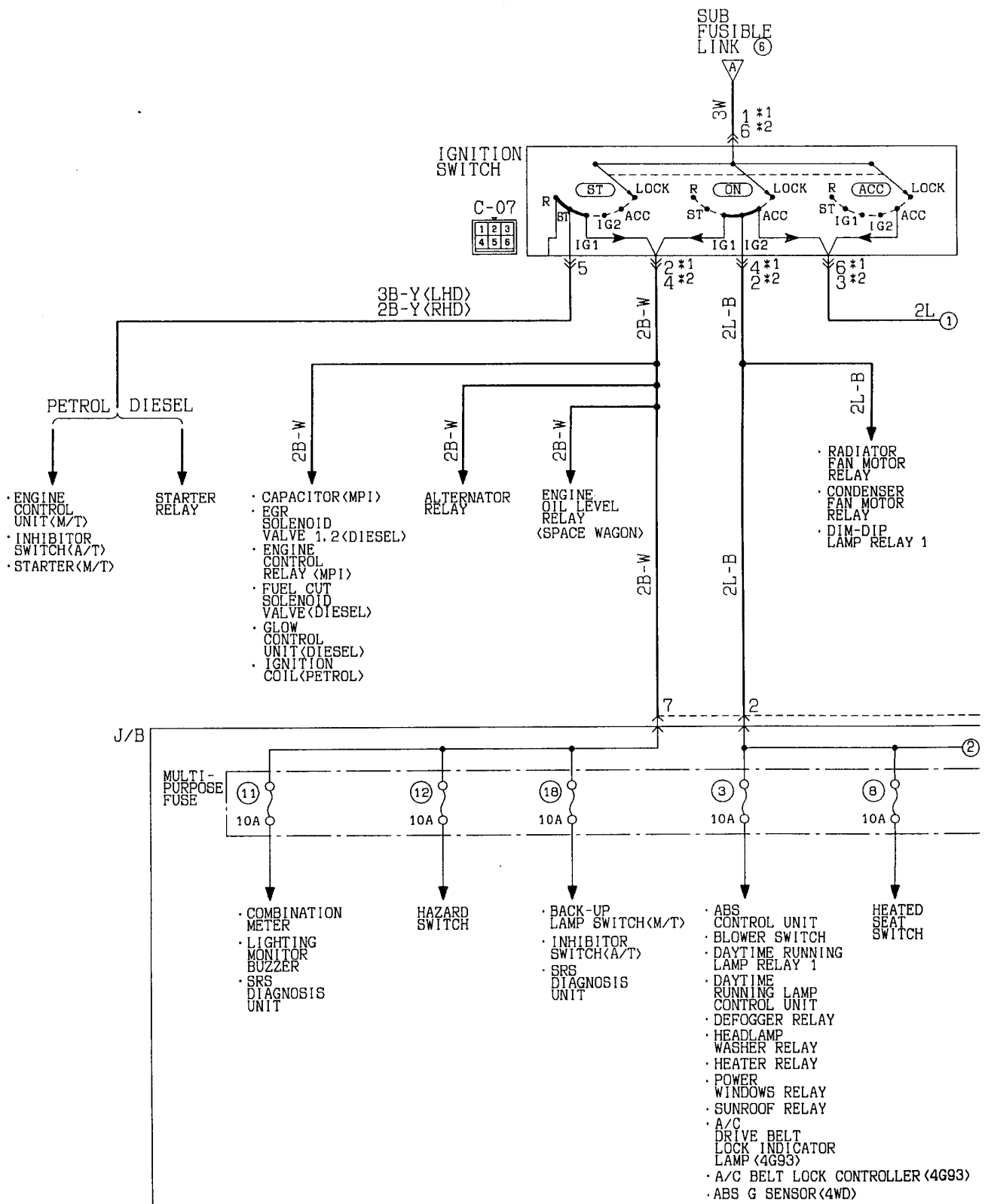
POWER DISTRIBUTION SYSTEM



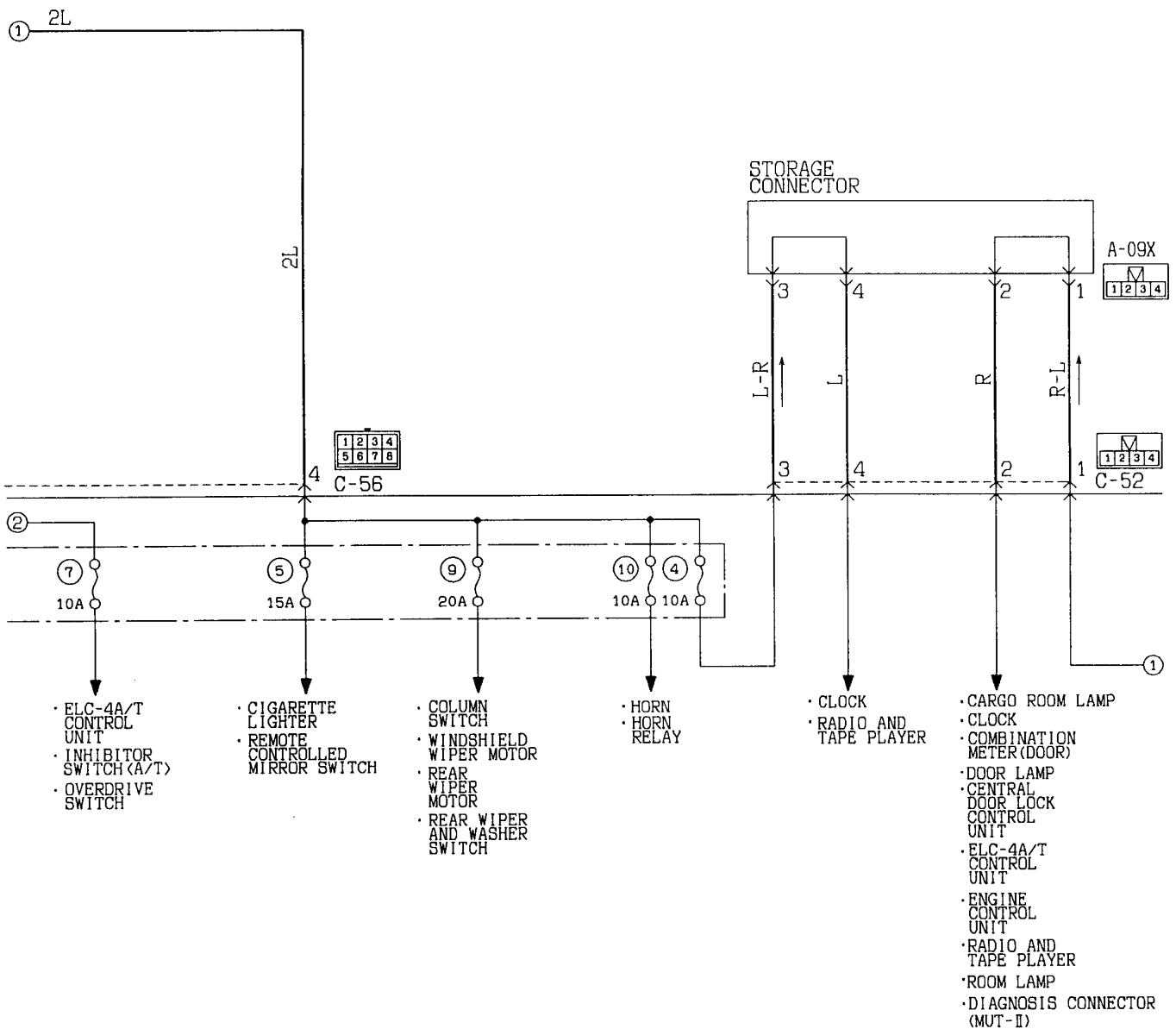
Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



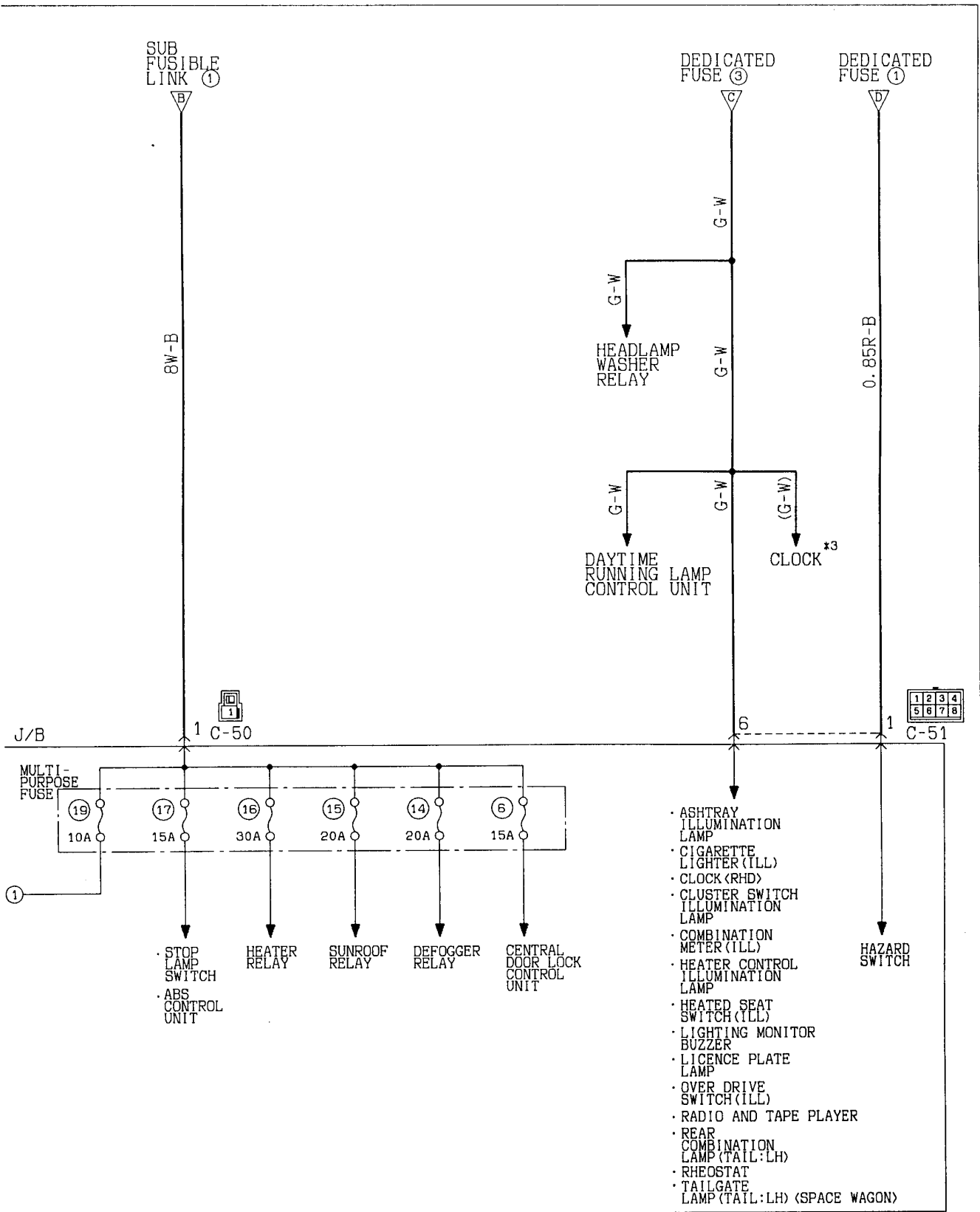




Remarks
 (1) The above circuit diagram shows the current flow at the ignition key position "ACC", "ON" and "ST" combined. Be sure trace the appropriate circuit depending on the ignition key position.
 (2) *1: Vehicles with SRS.
 (3) *2: Vehicles without SRS.



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

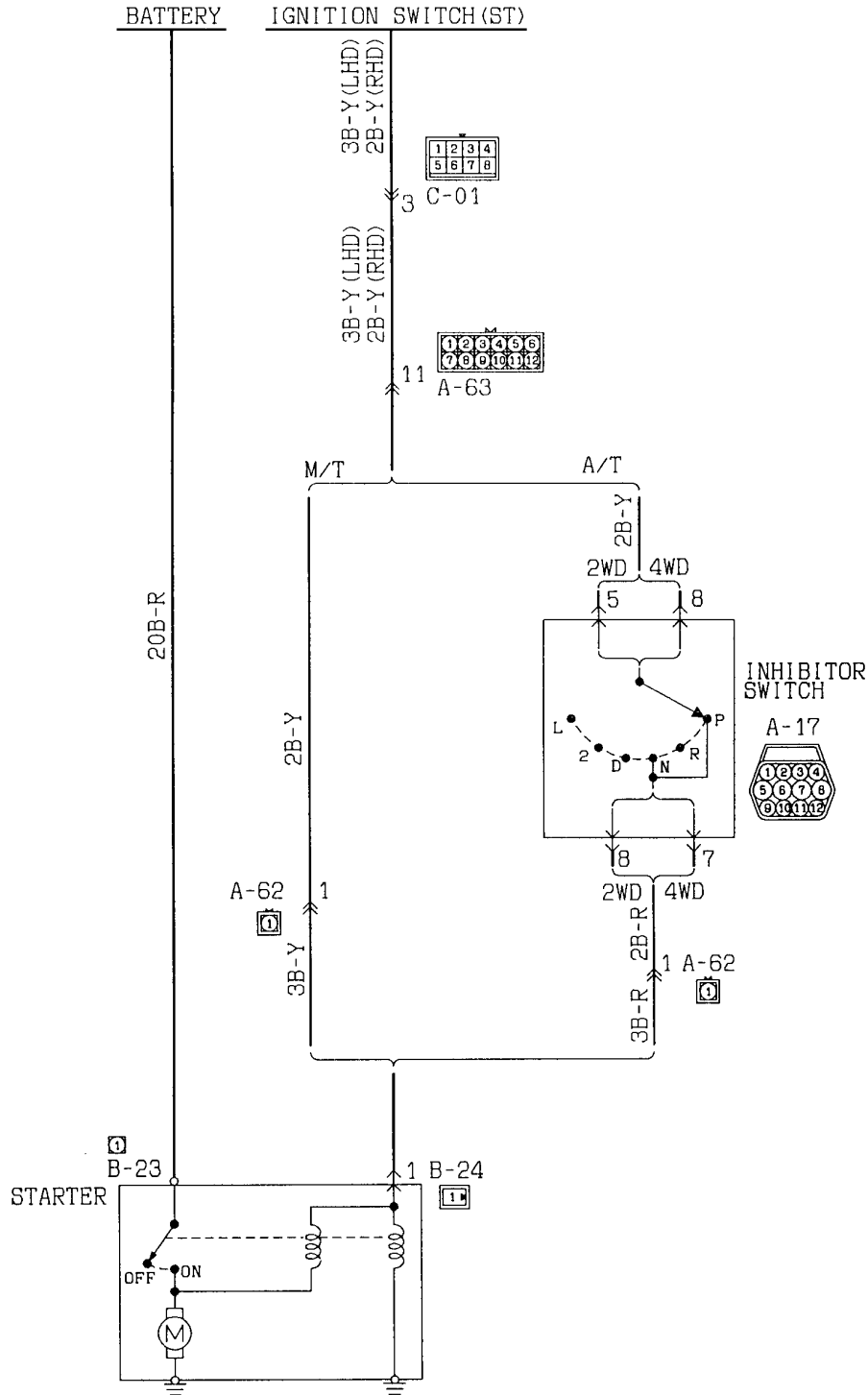


Remark
 *3: Vehicles without daytime running lamp.

Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

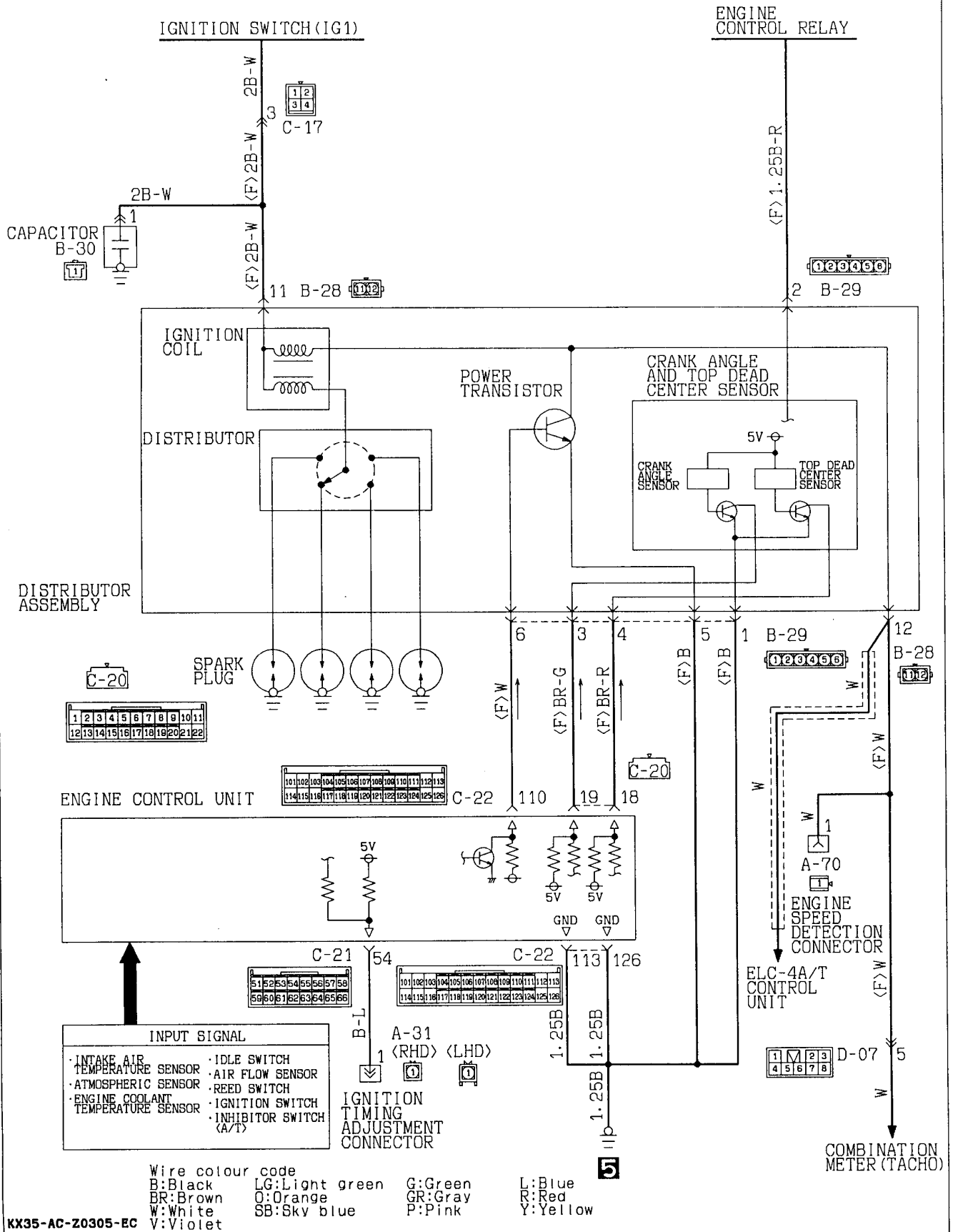
NOTES

STARTING SYSTEM
Petrol-powered vehicles

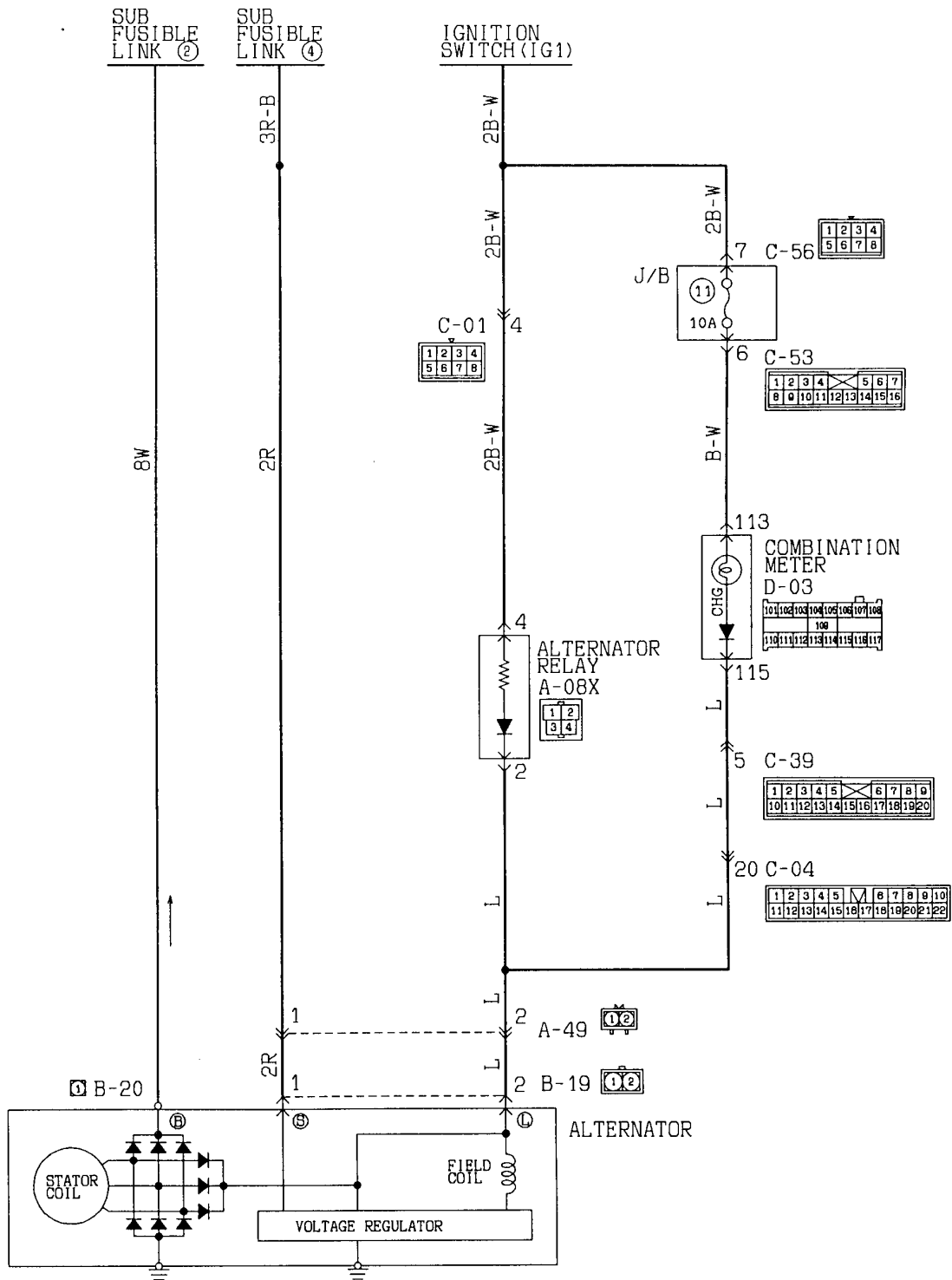


Wire colour code
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IGNITION SYSTEM

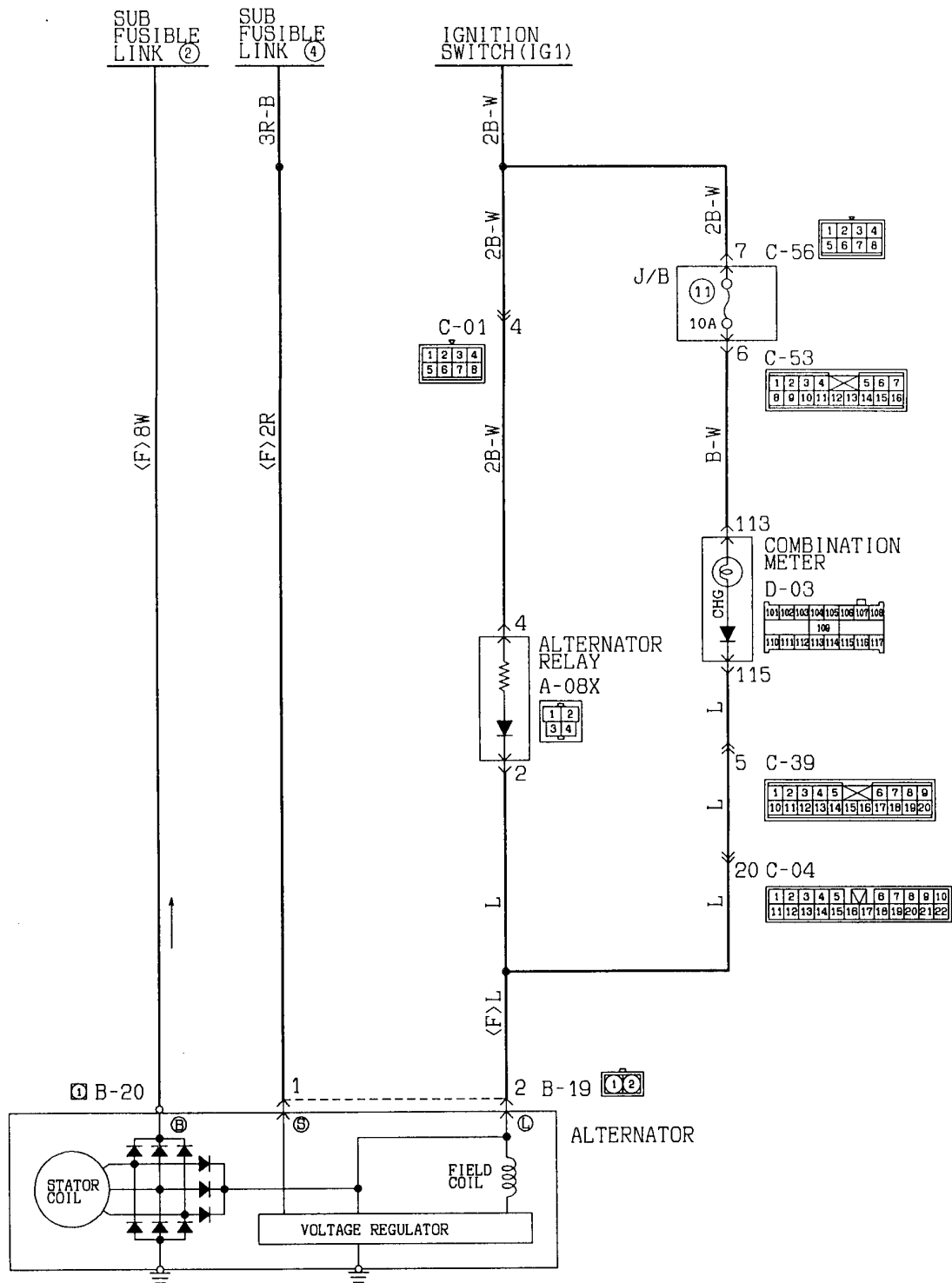


CHARGING SYSTEM
4G93

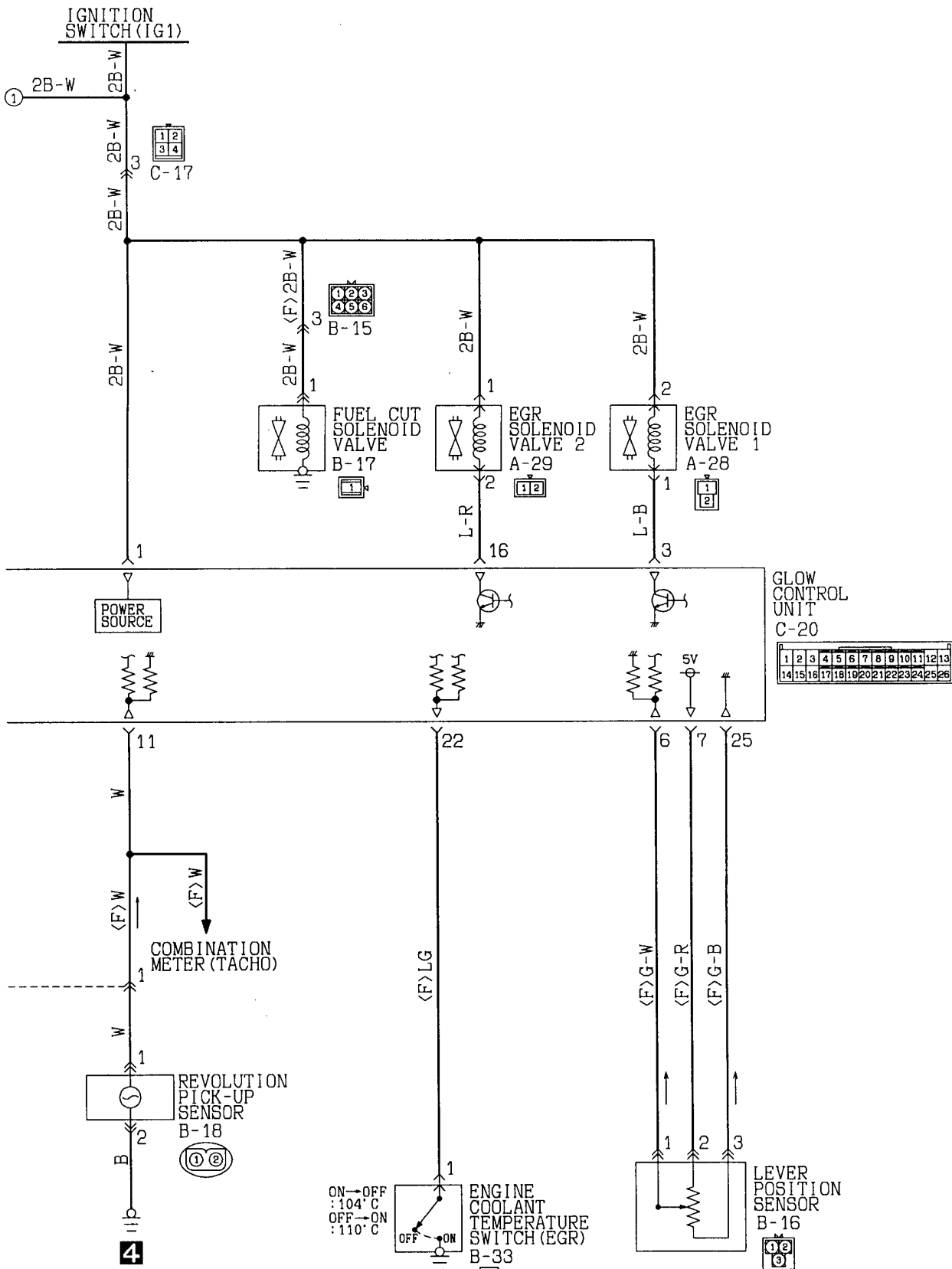


Wire colour code
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CHARGING SYSTEM
4G63, 4G64 and 4D68

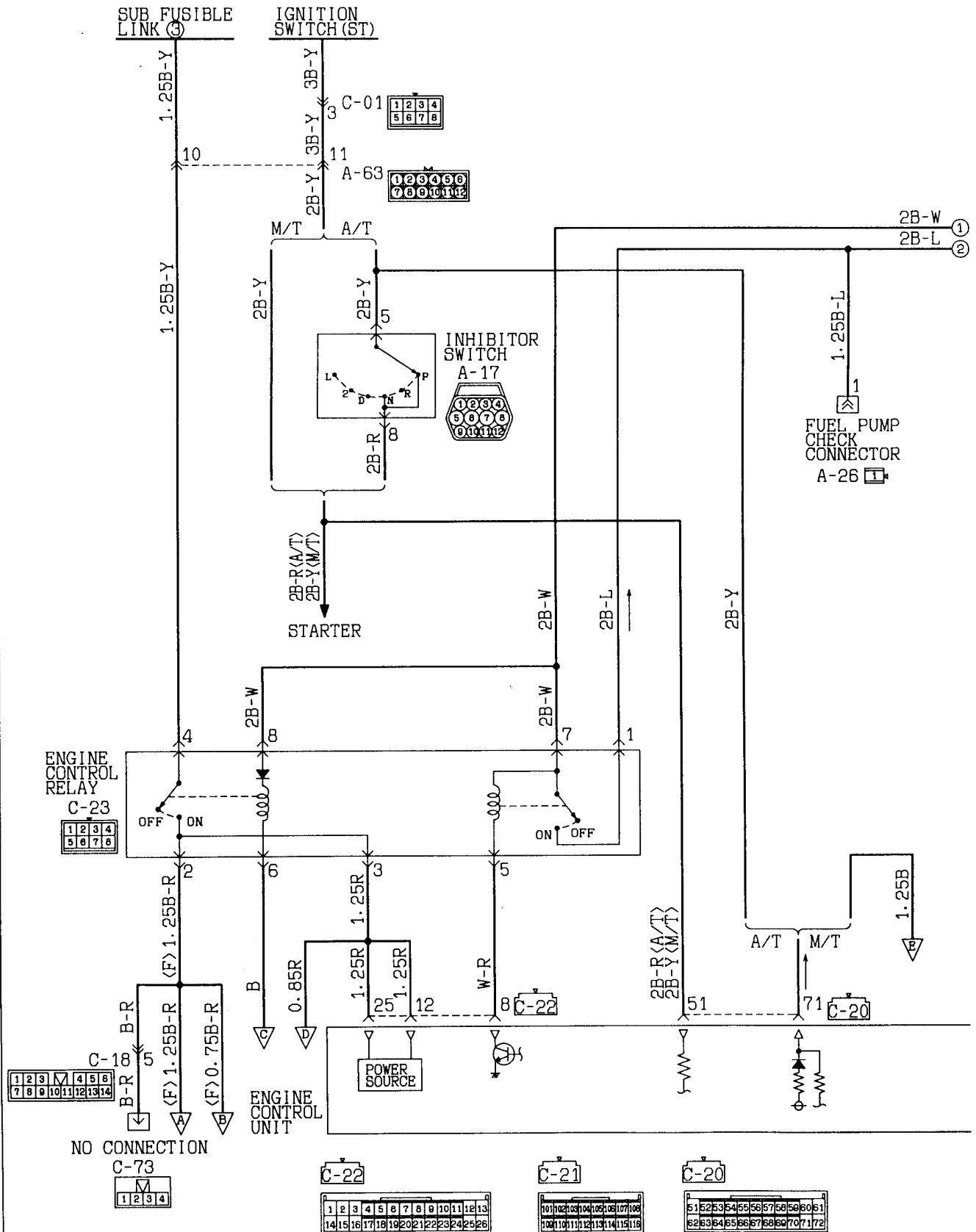


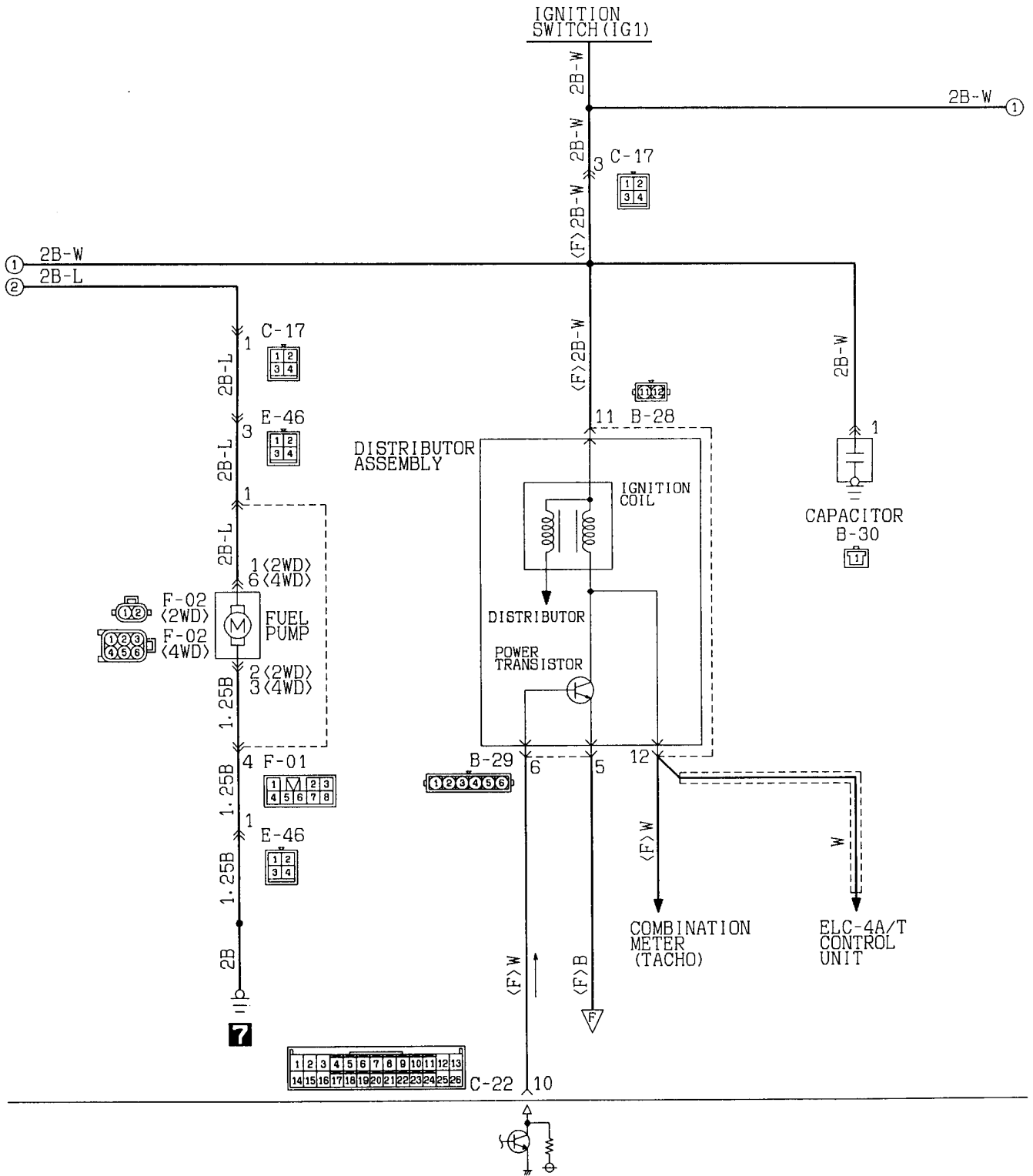
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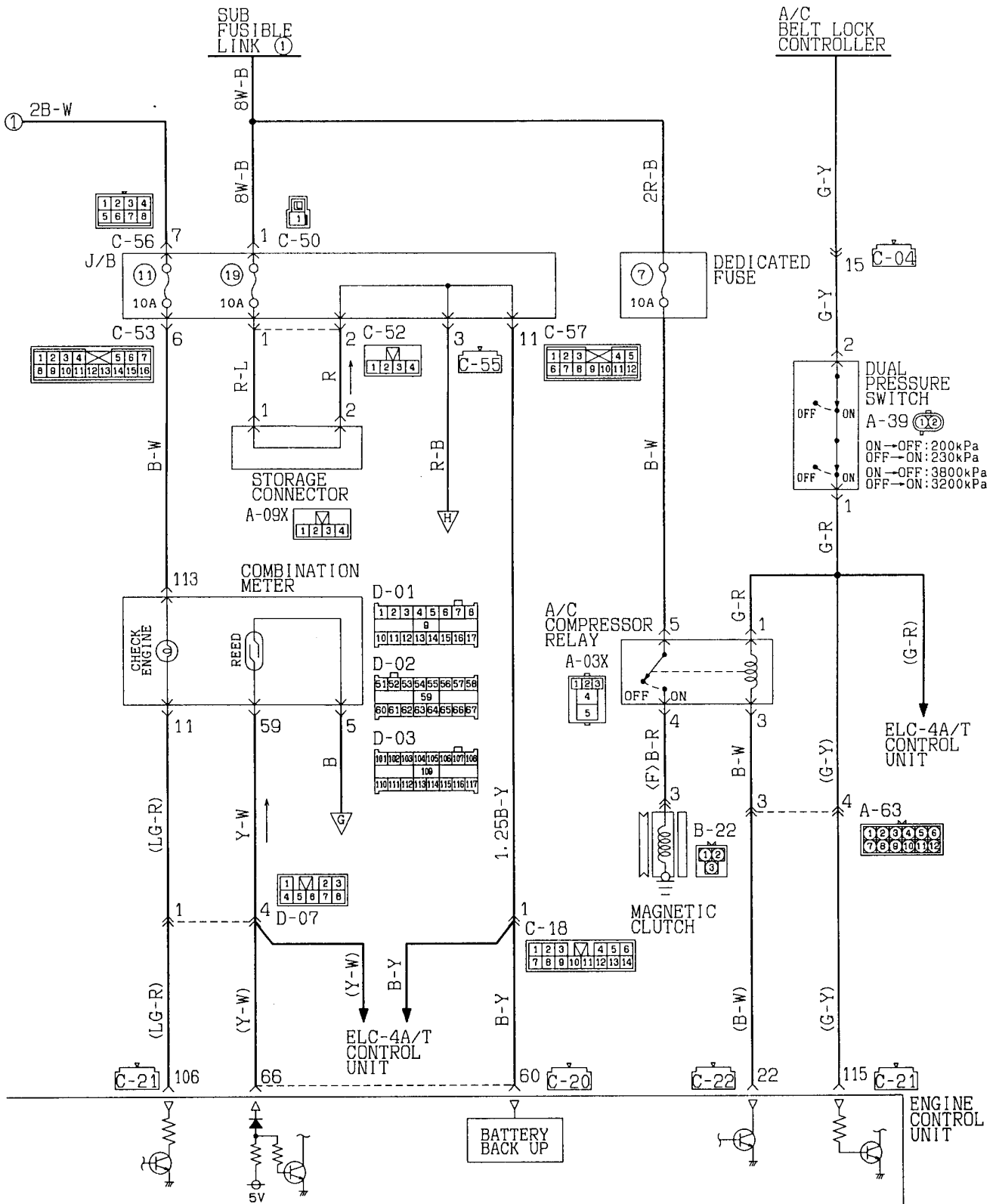
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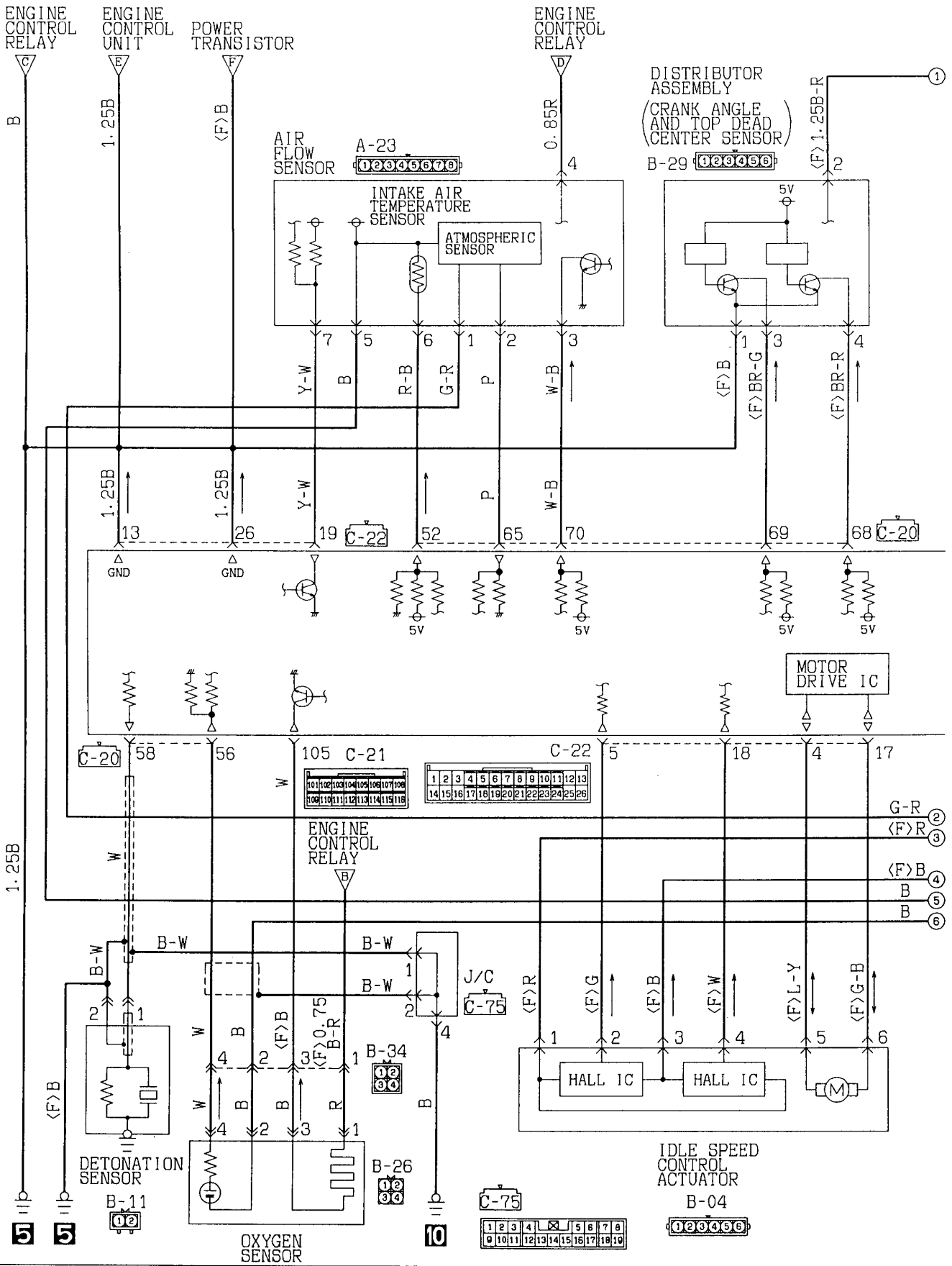
MPI SYSTEM
4G93 <L. H. drive vehicles>

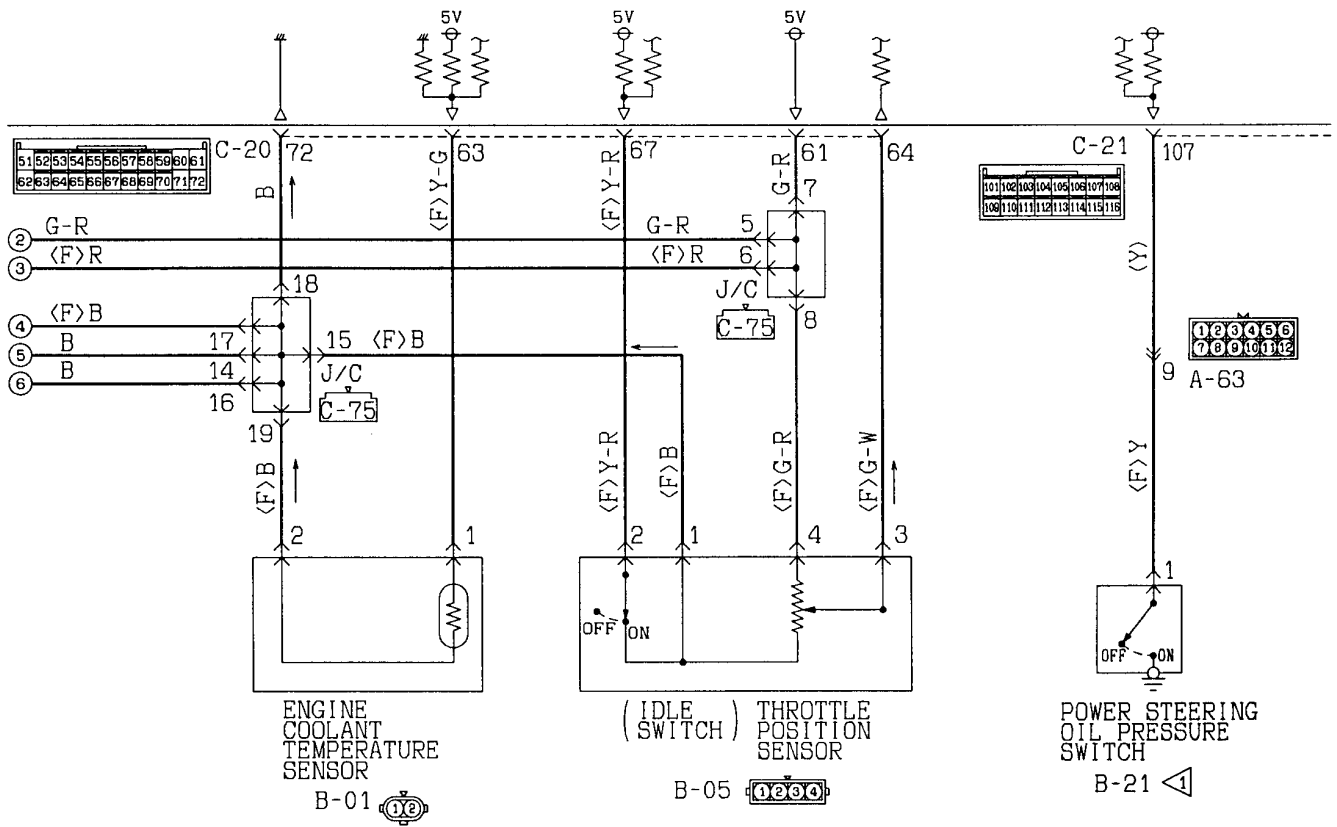
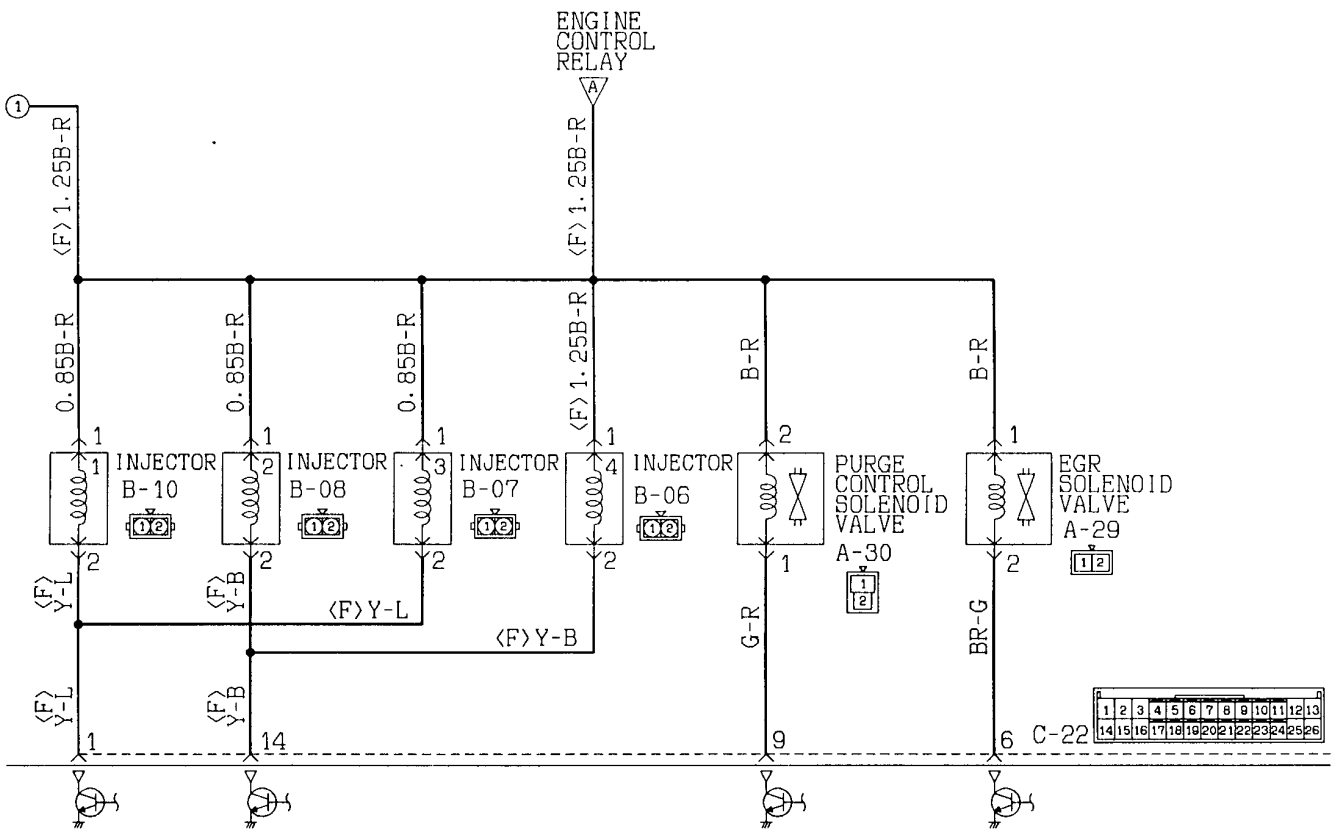


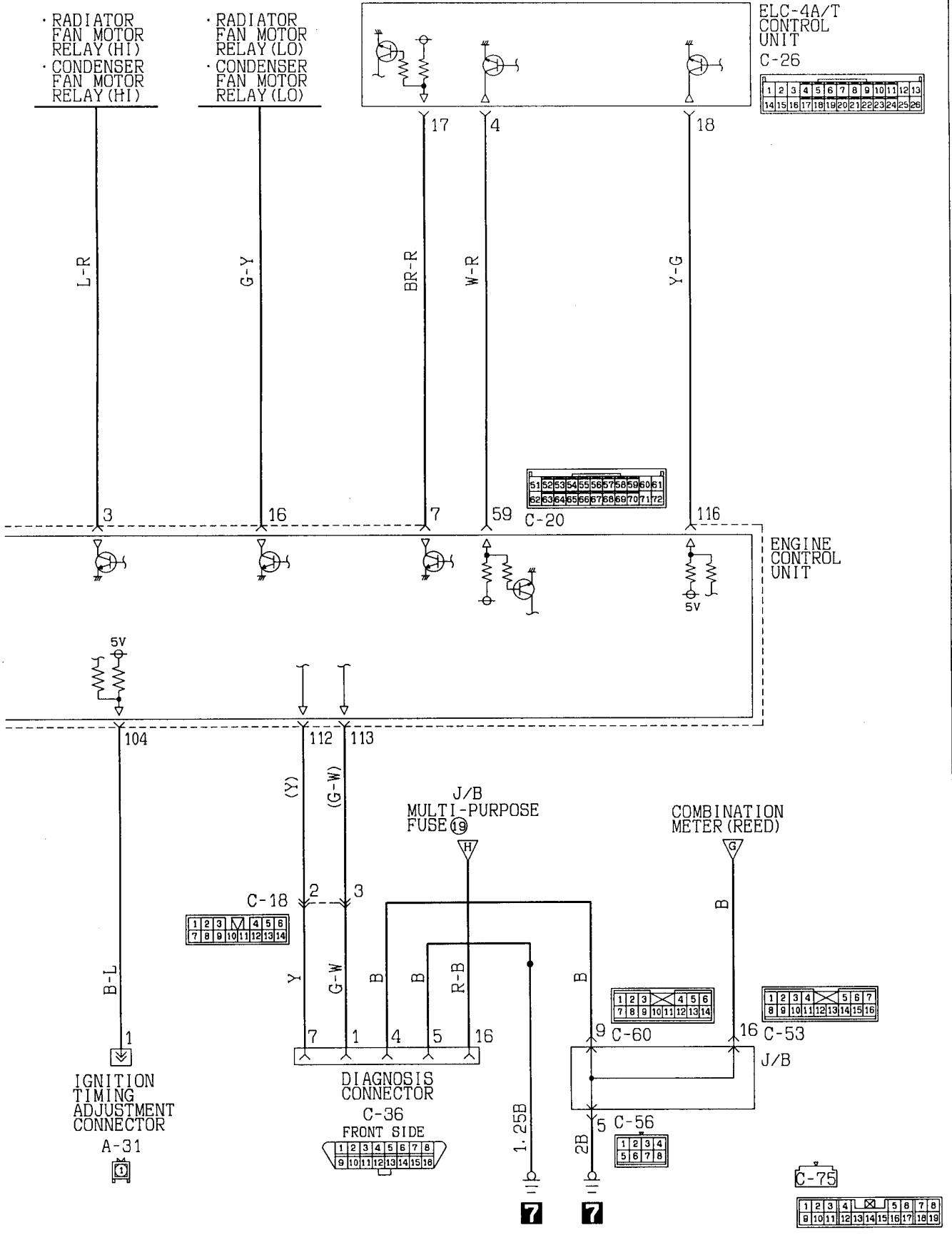


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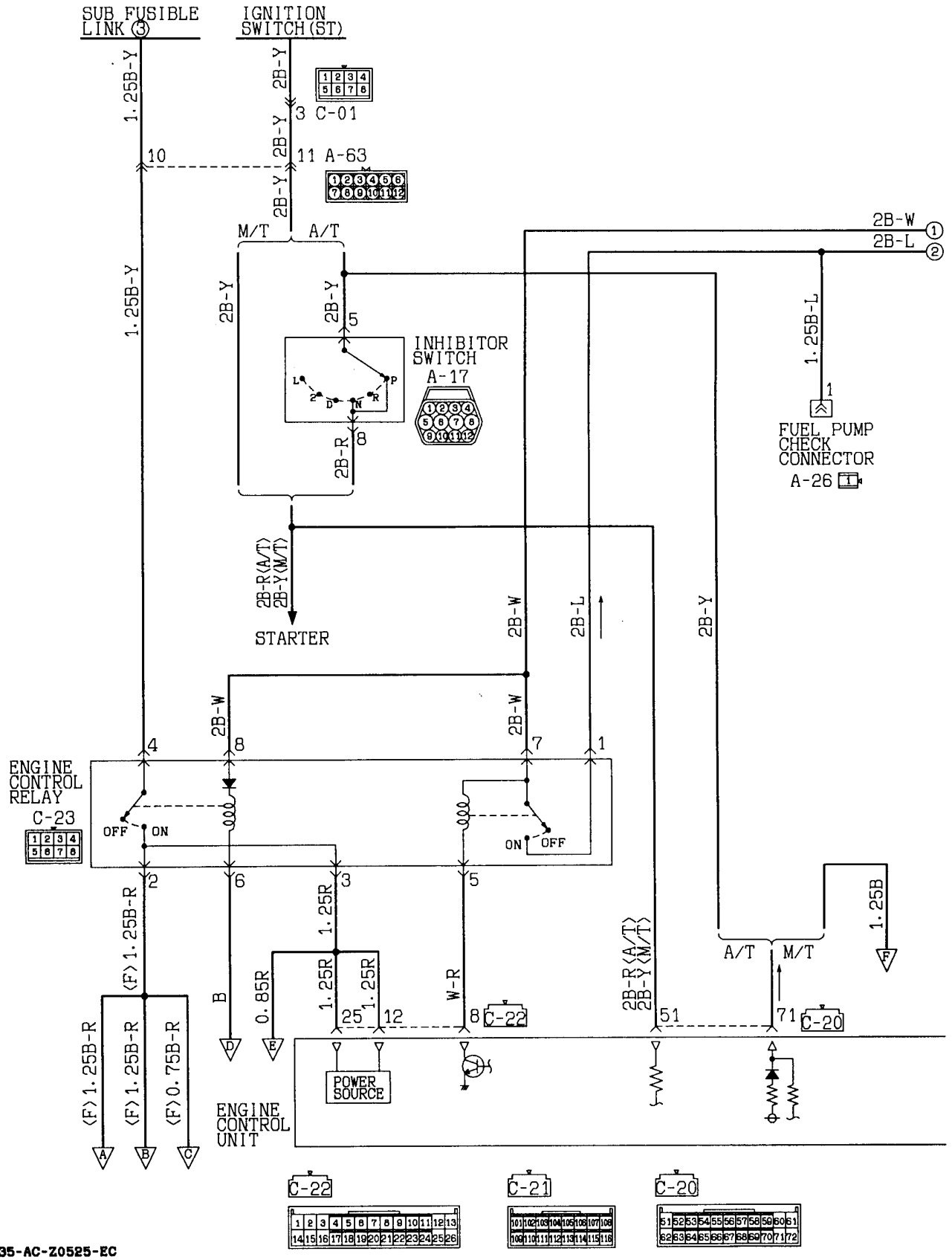


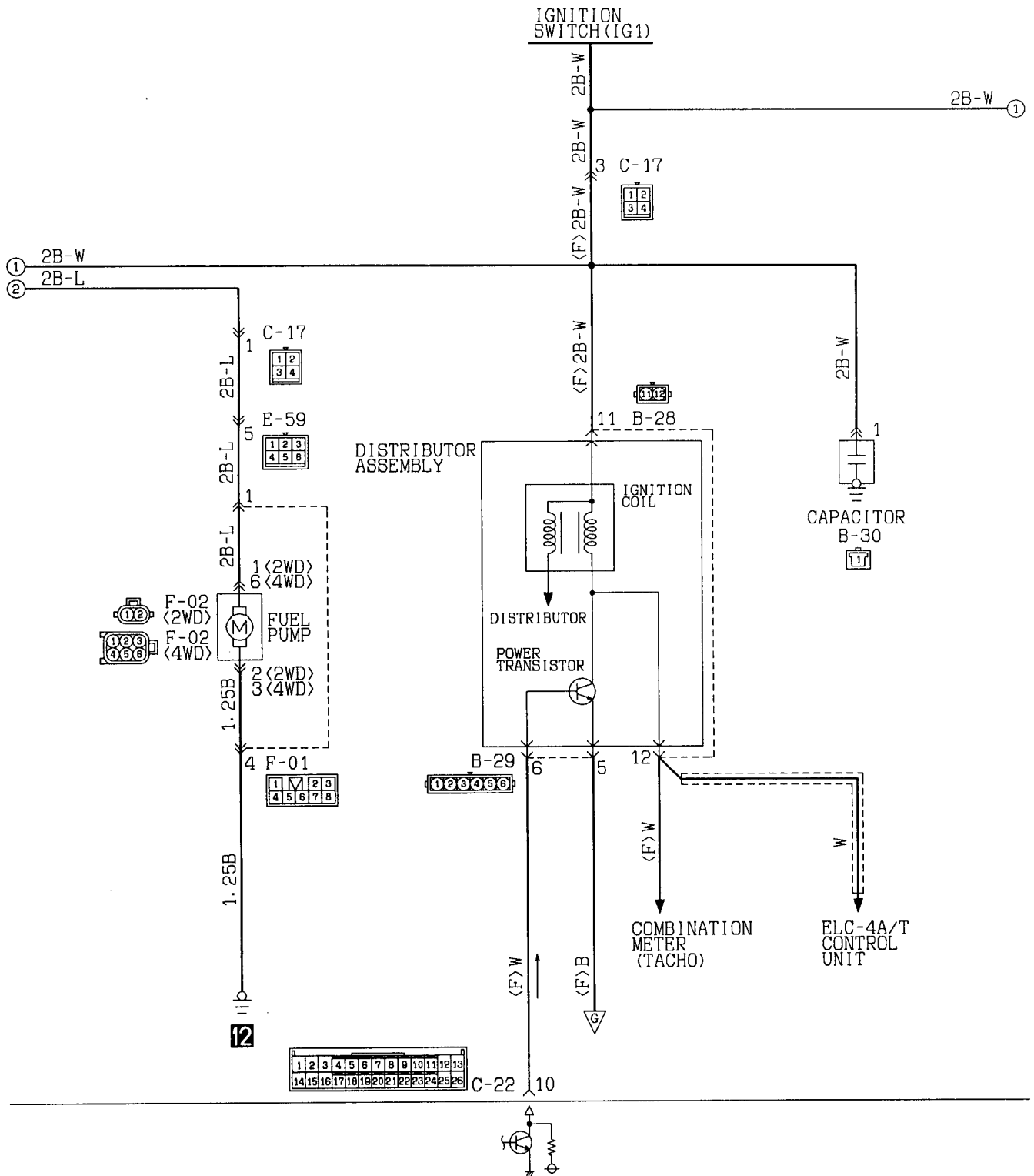




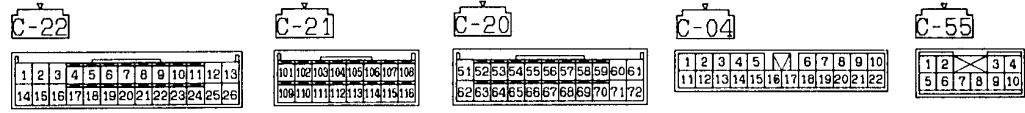
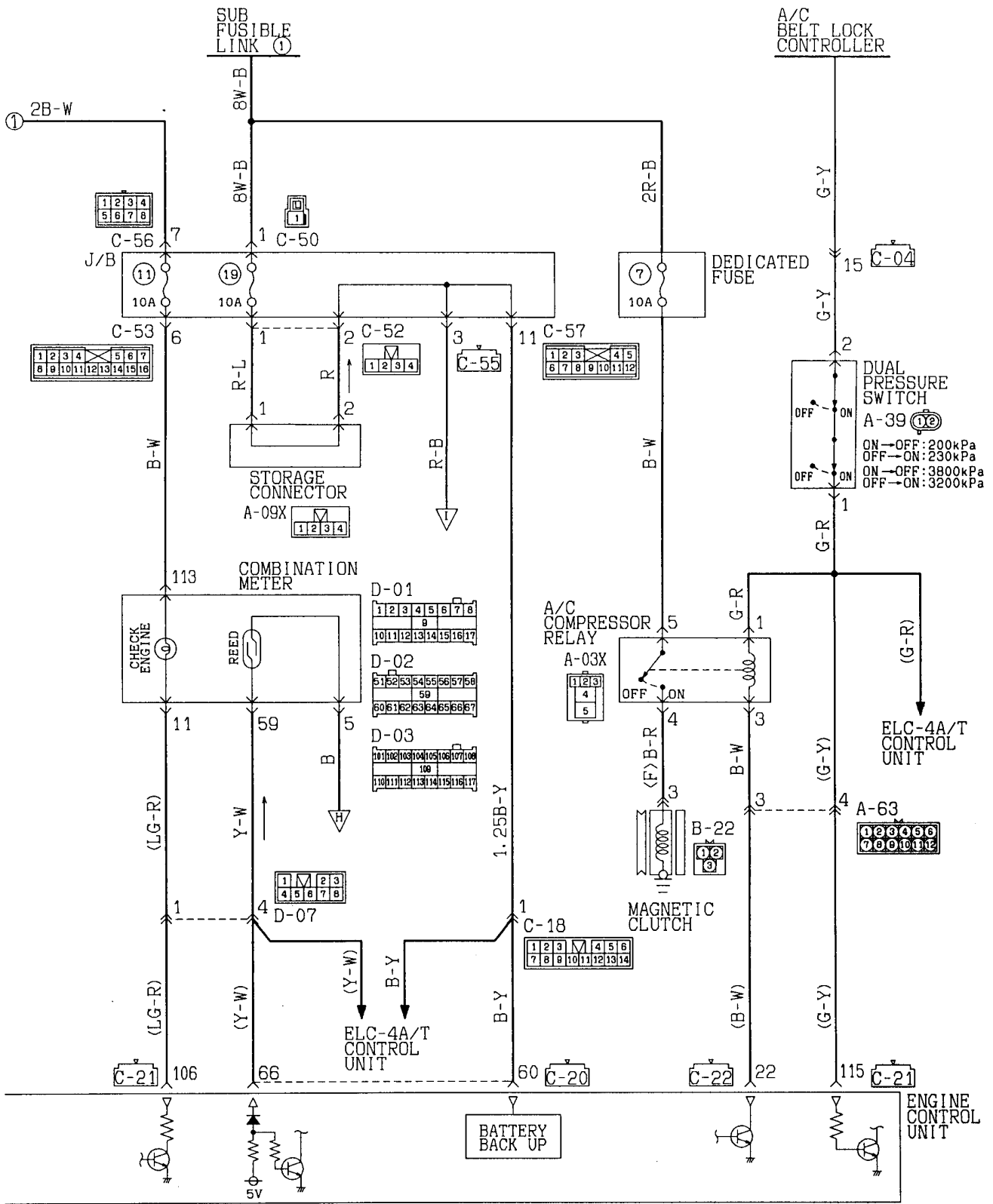


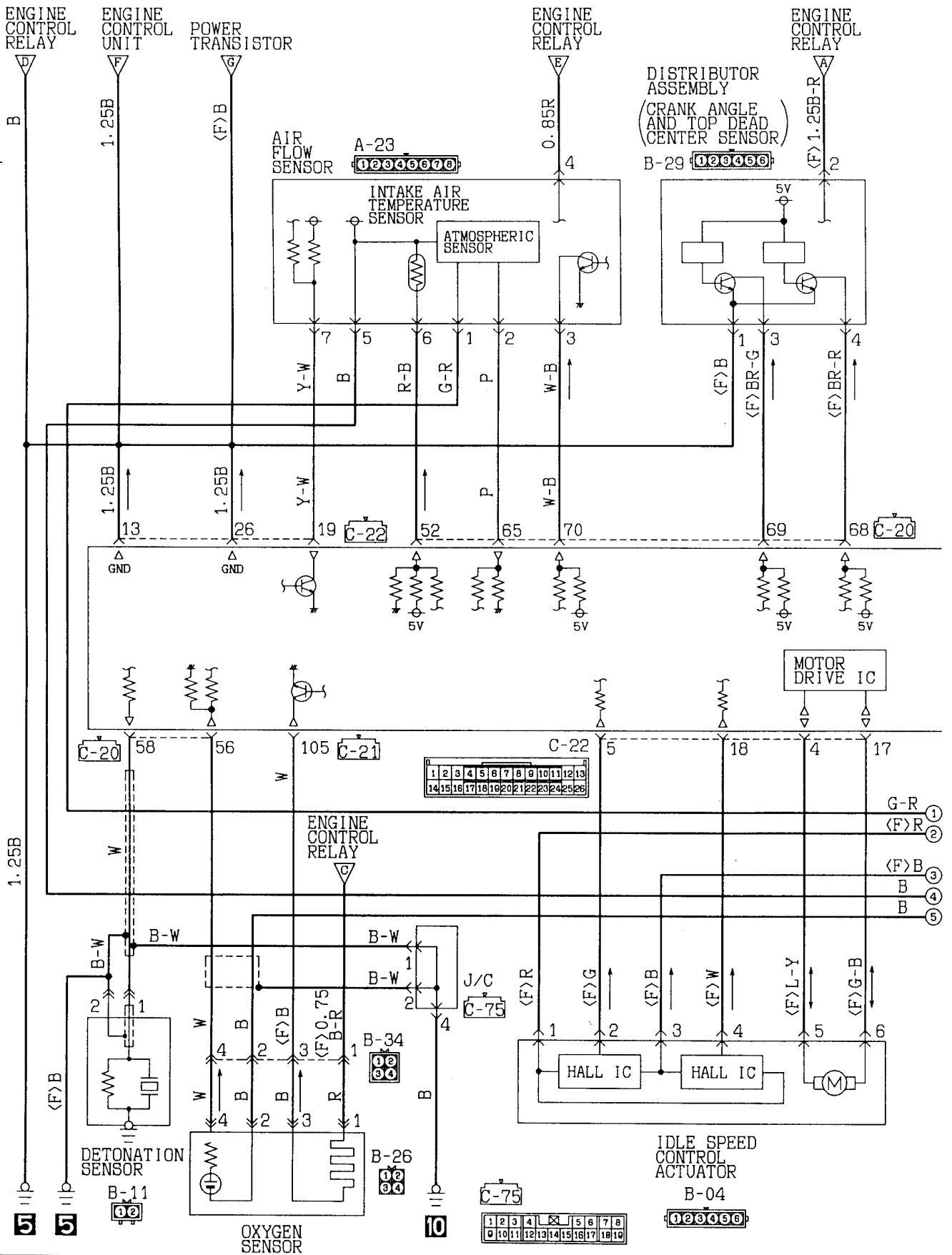
MPI SYSTEM
4G93 (R. H. drive vehicles)

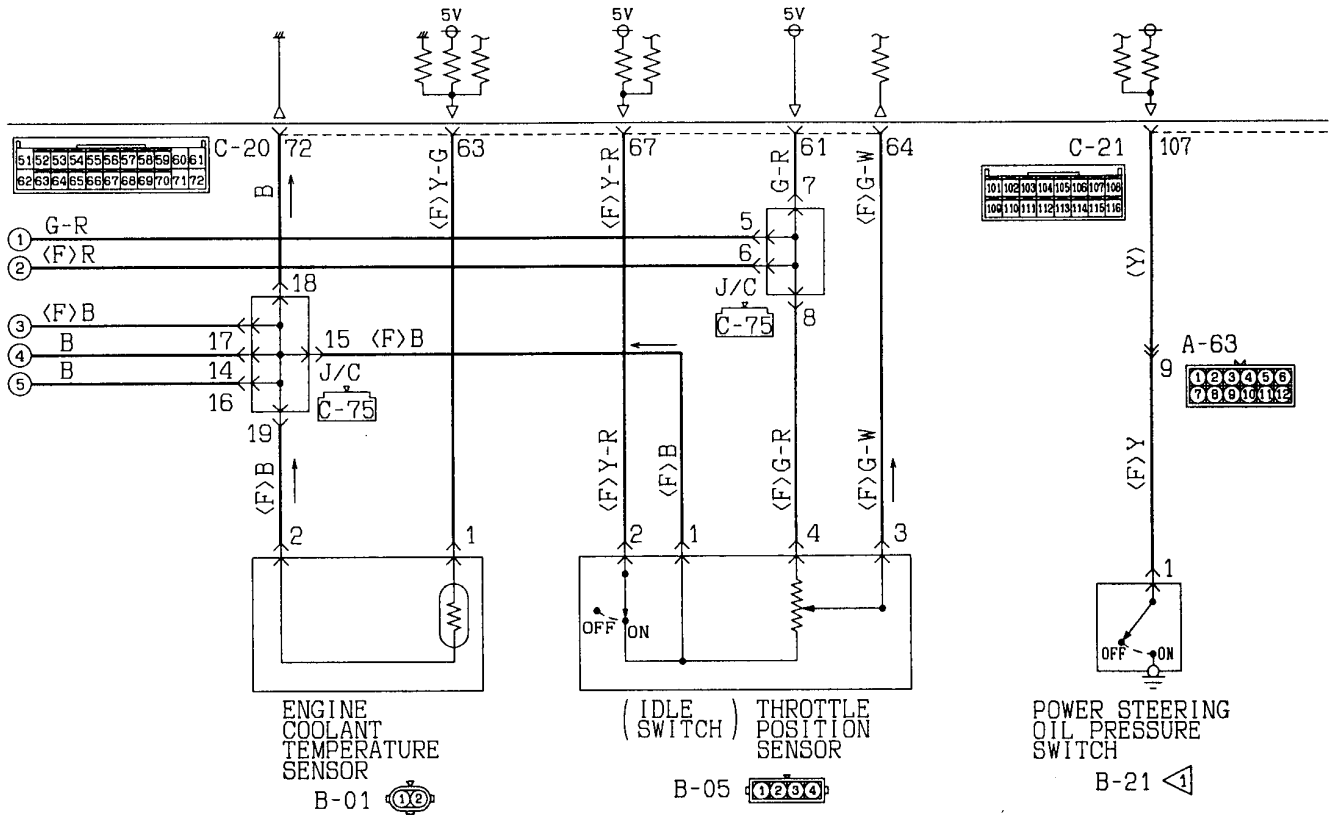
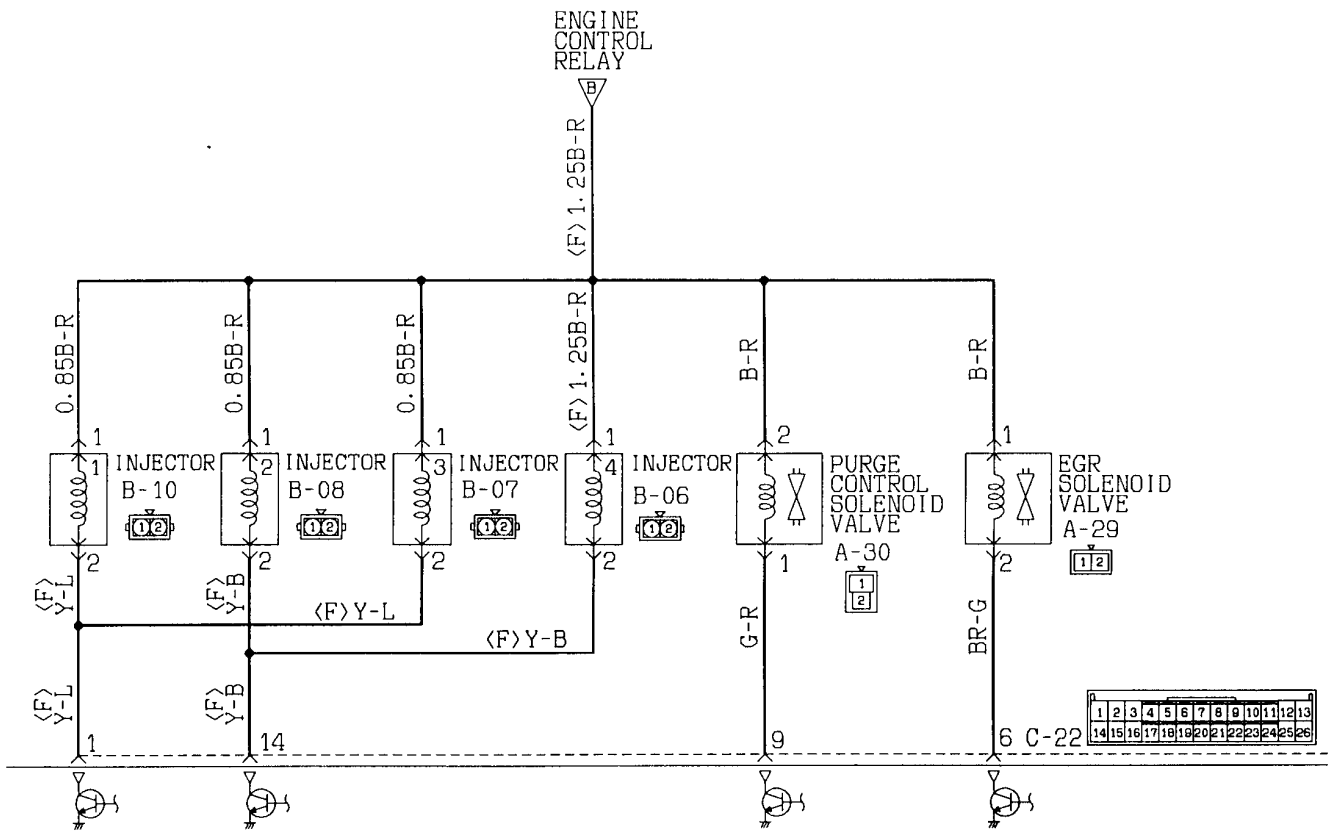


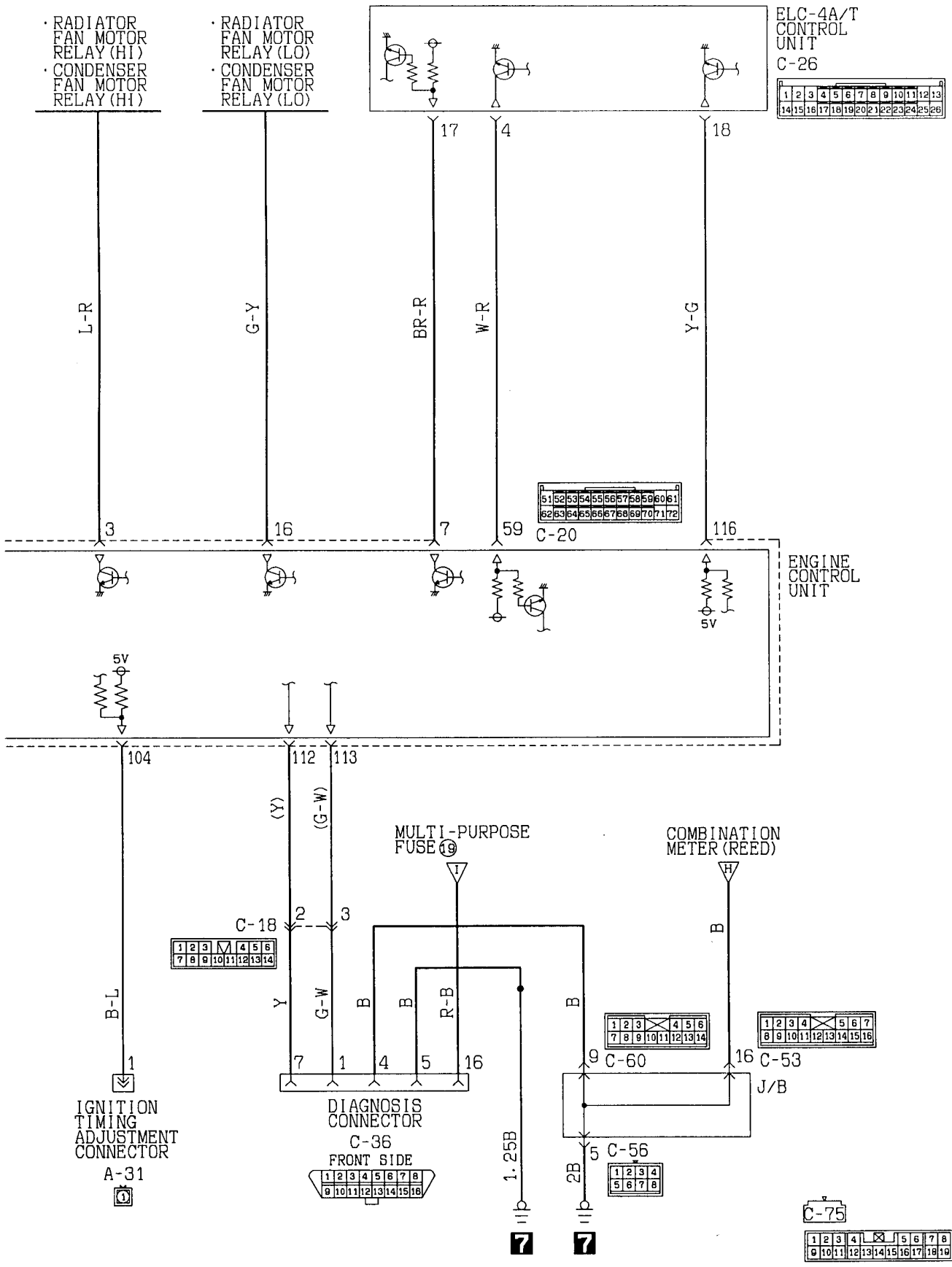


Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

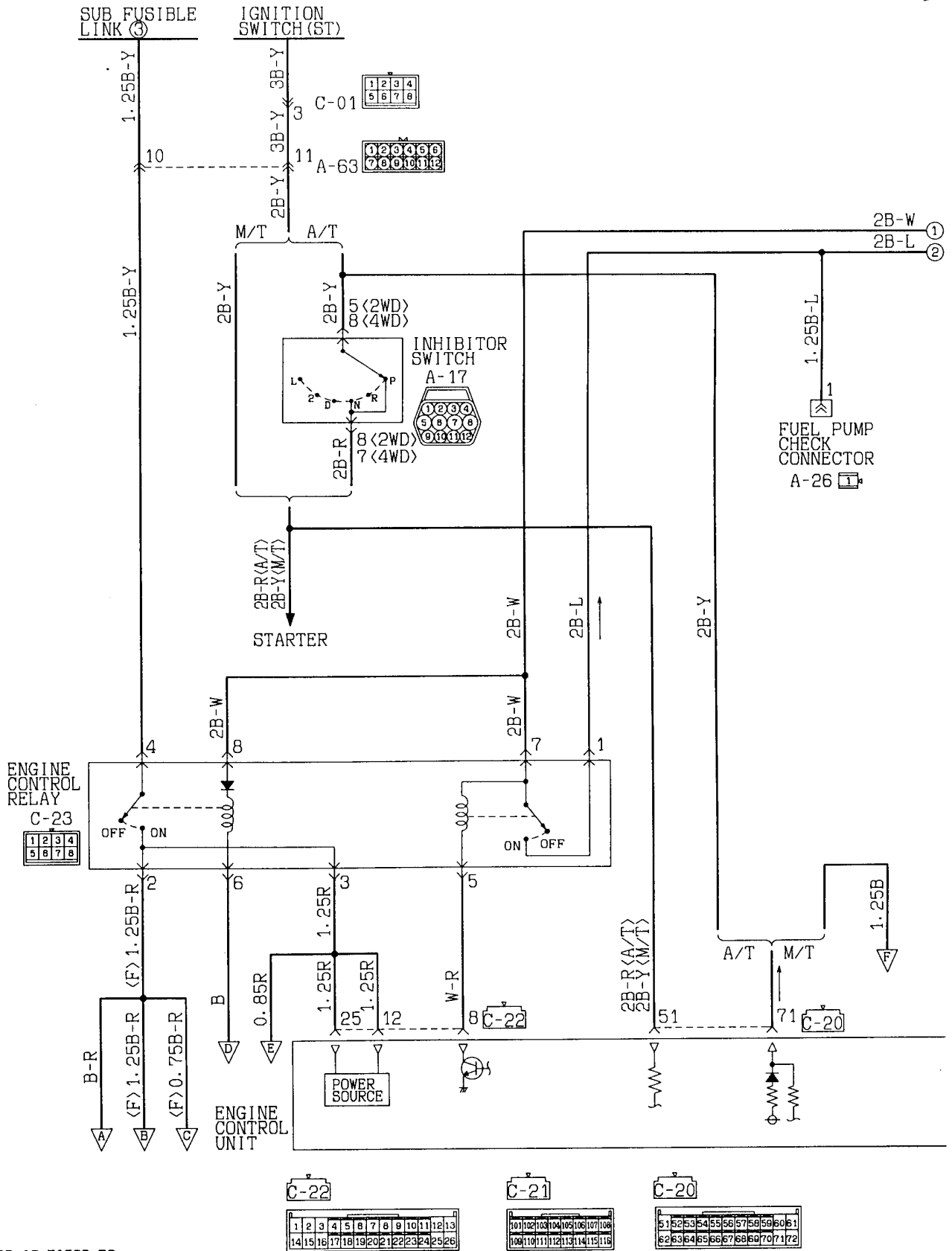


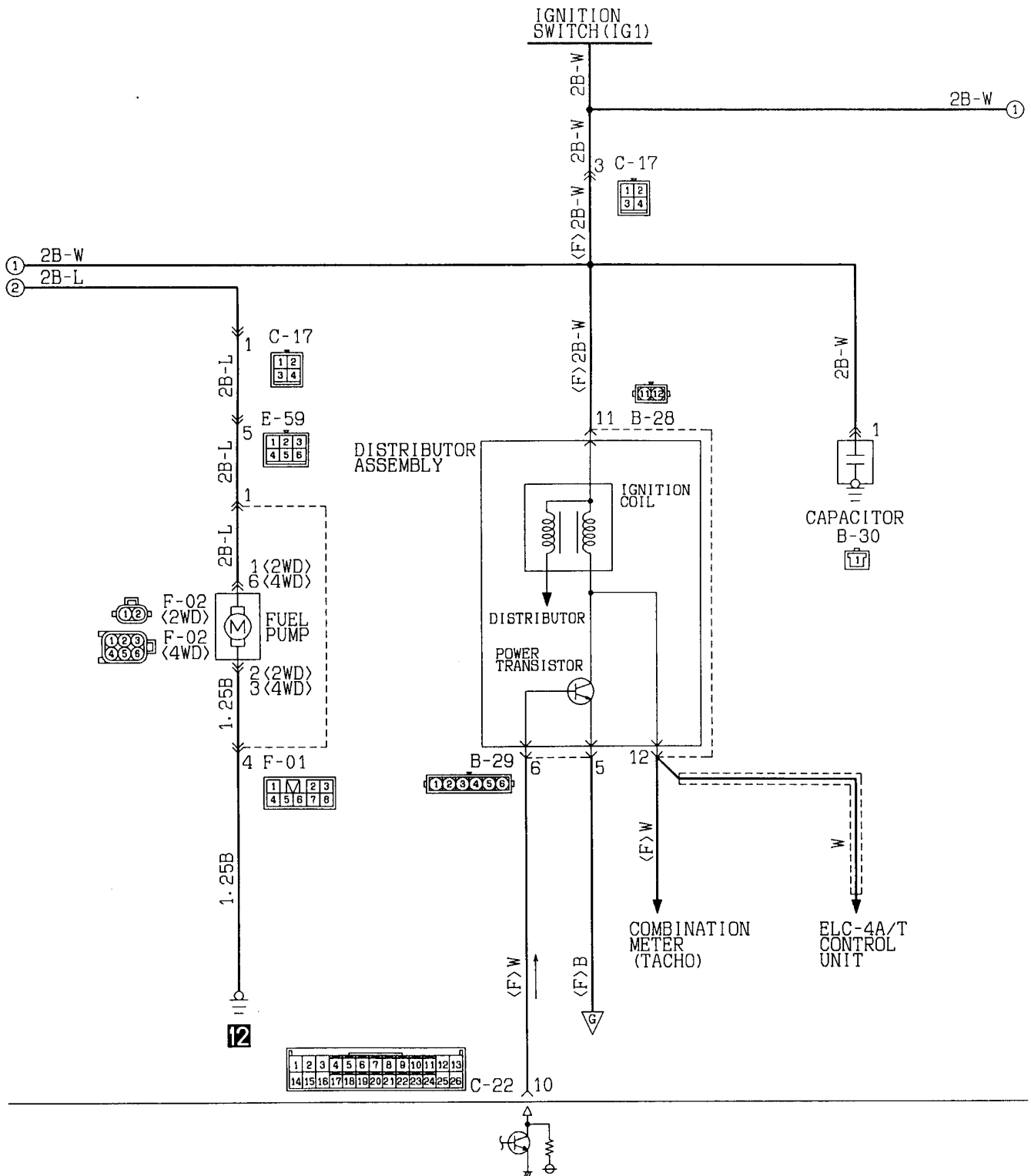




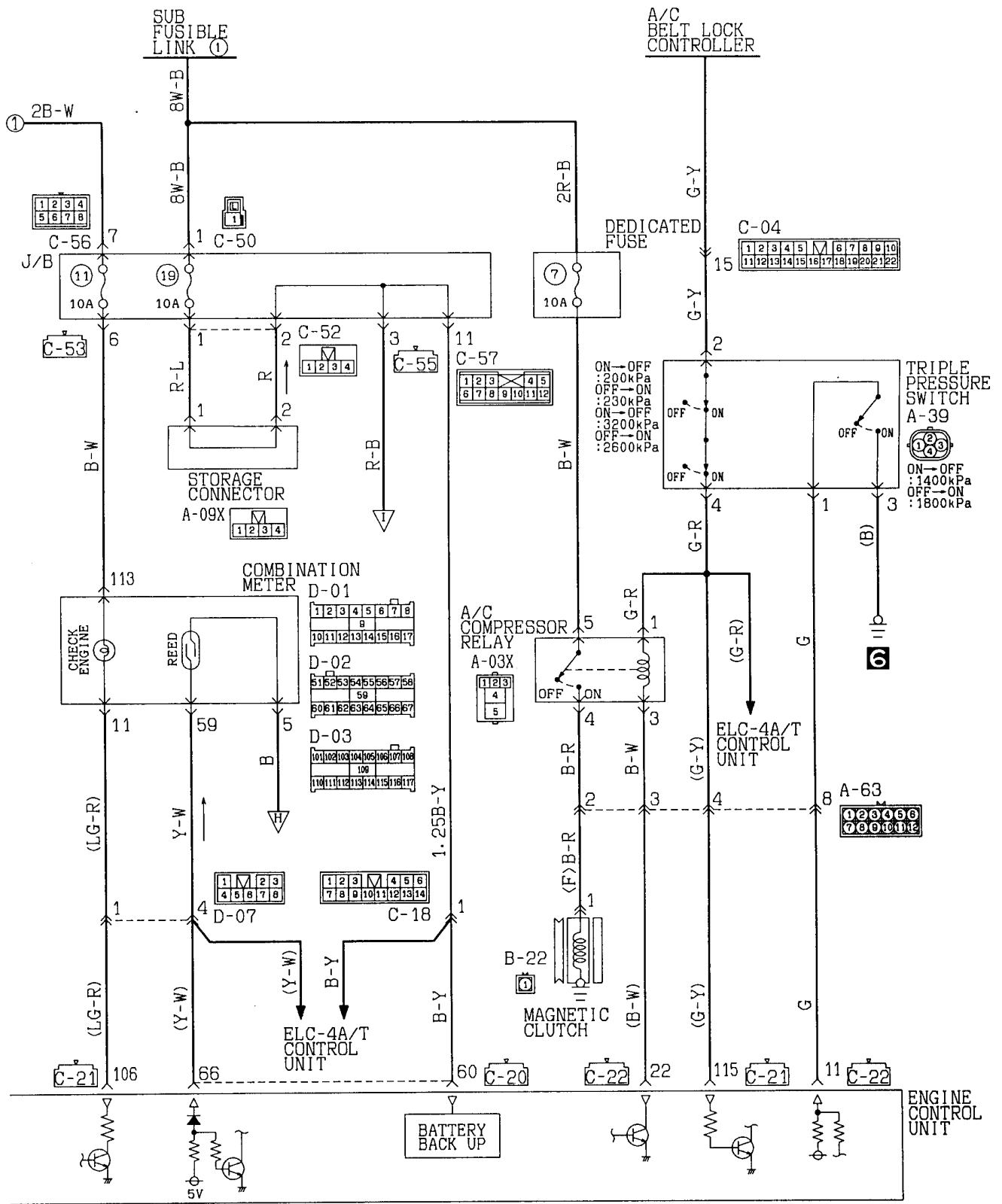


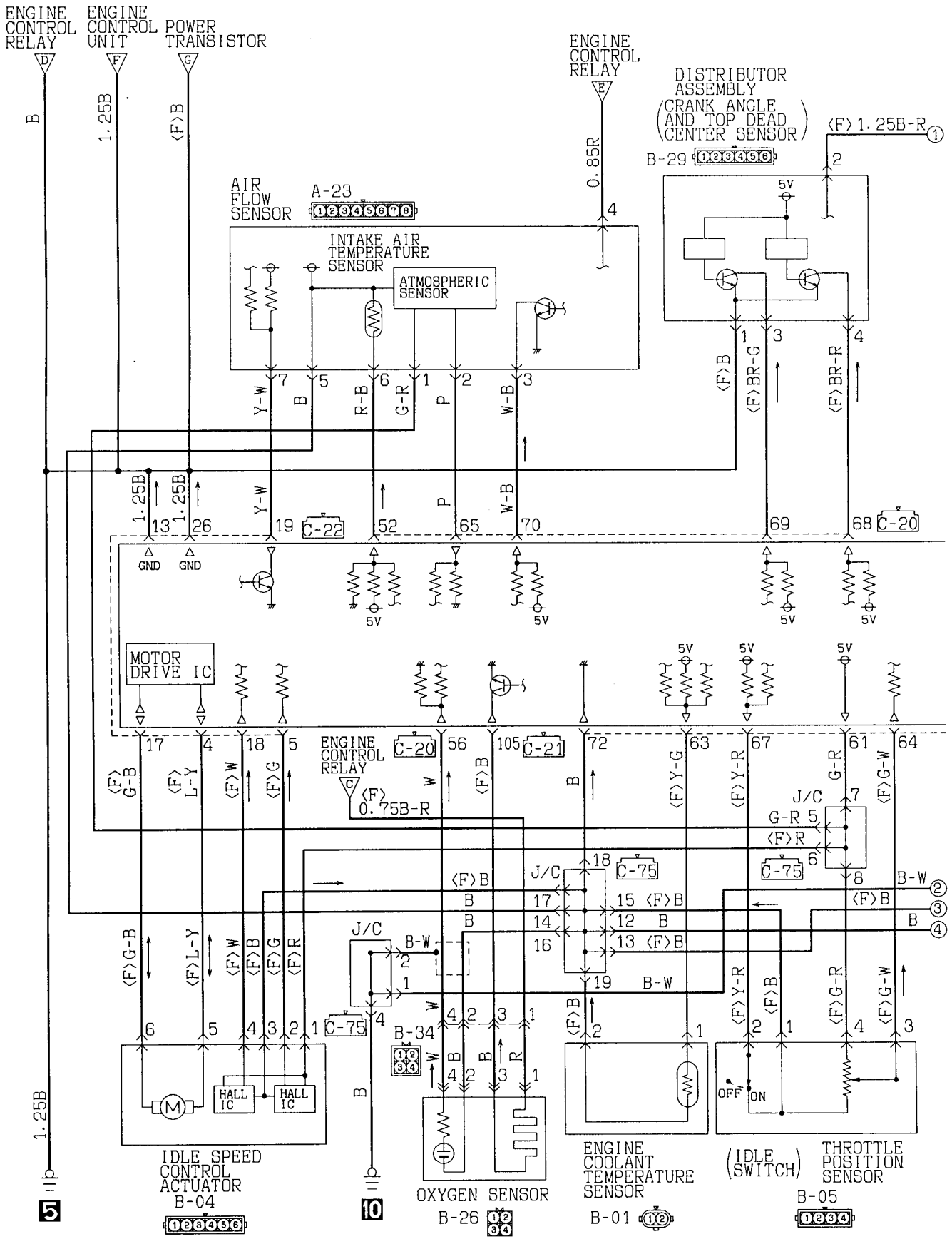
MPI SYSTEM
4G63 and 4G64 (L.H. drive vehicles)

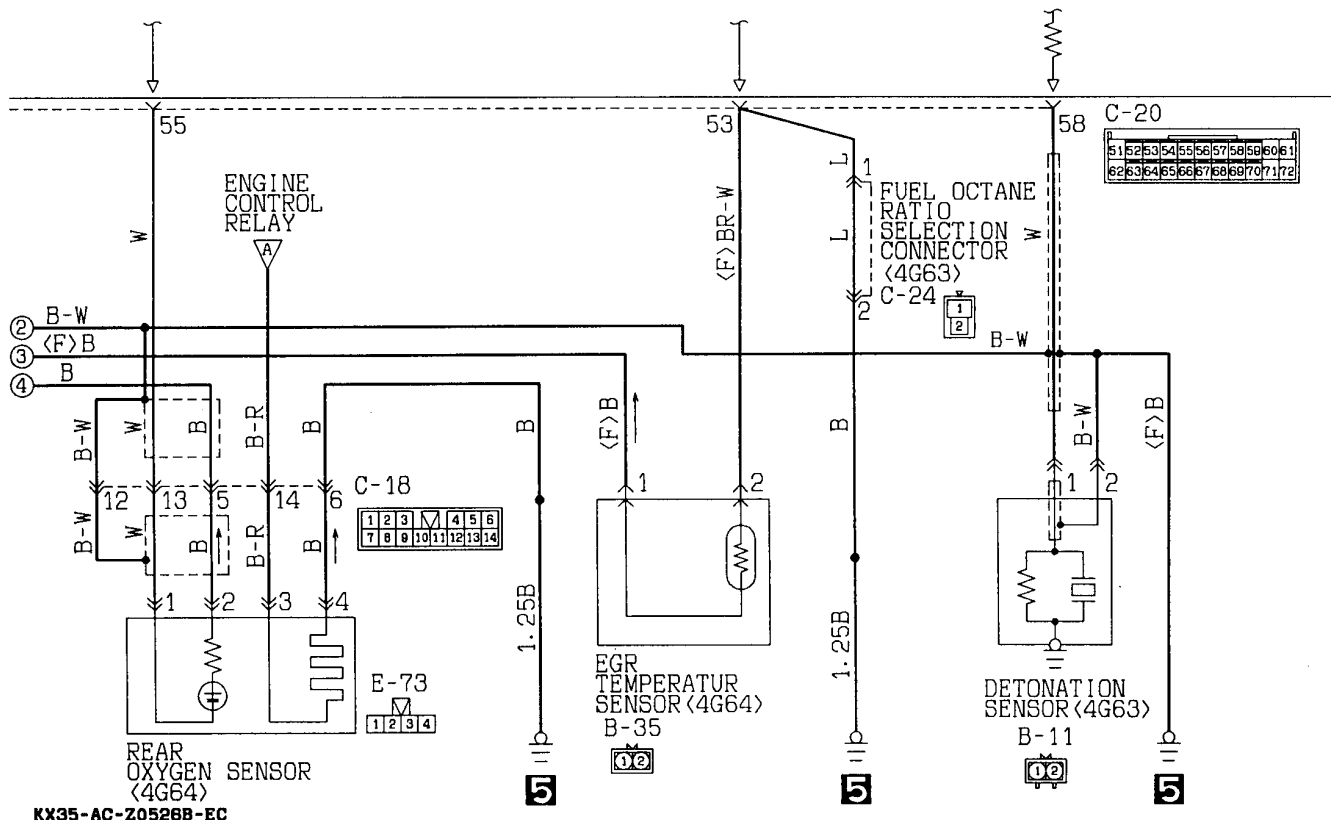
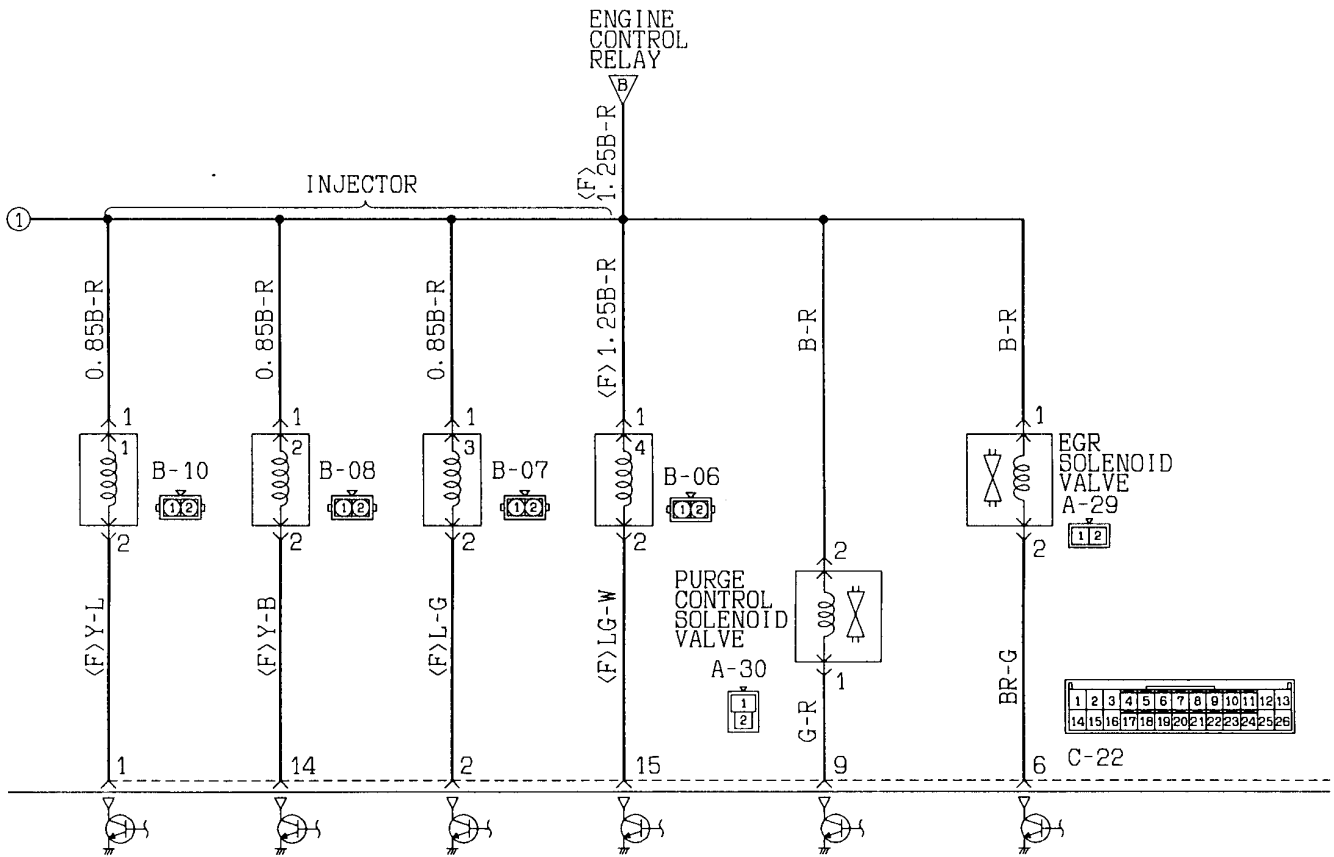


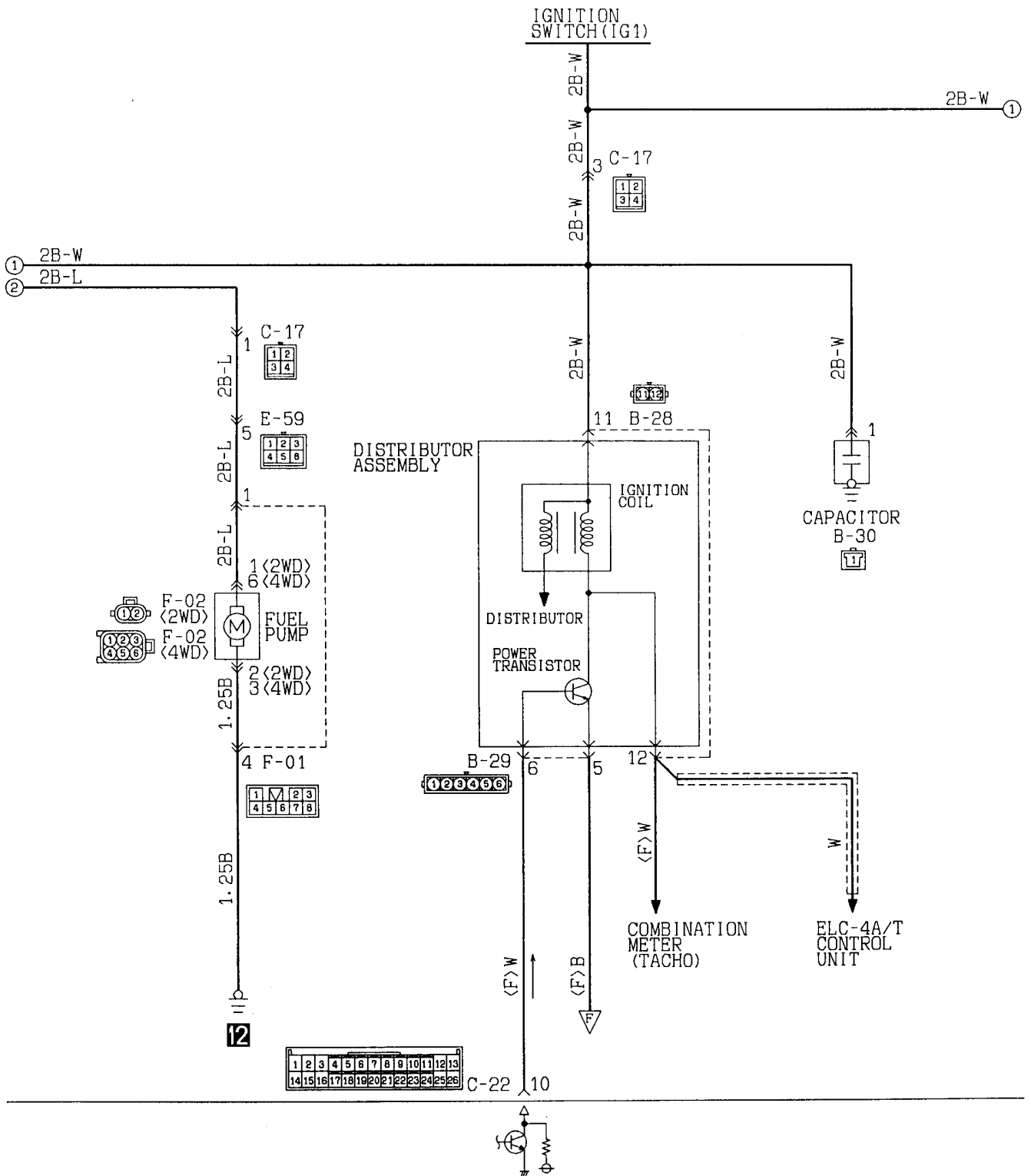


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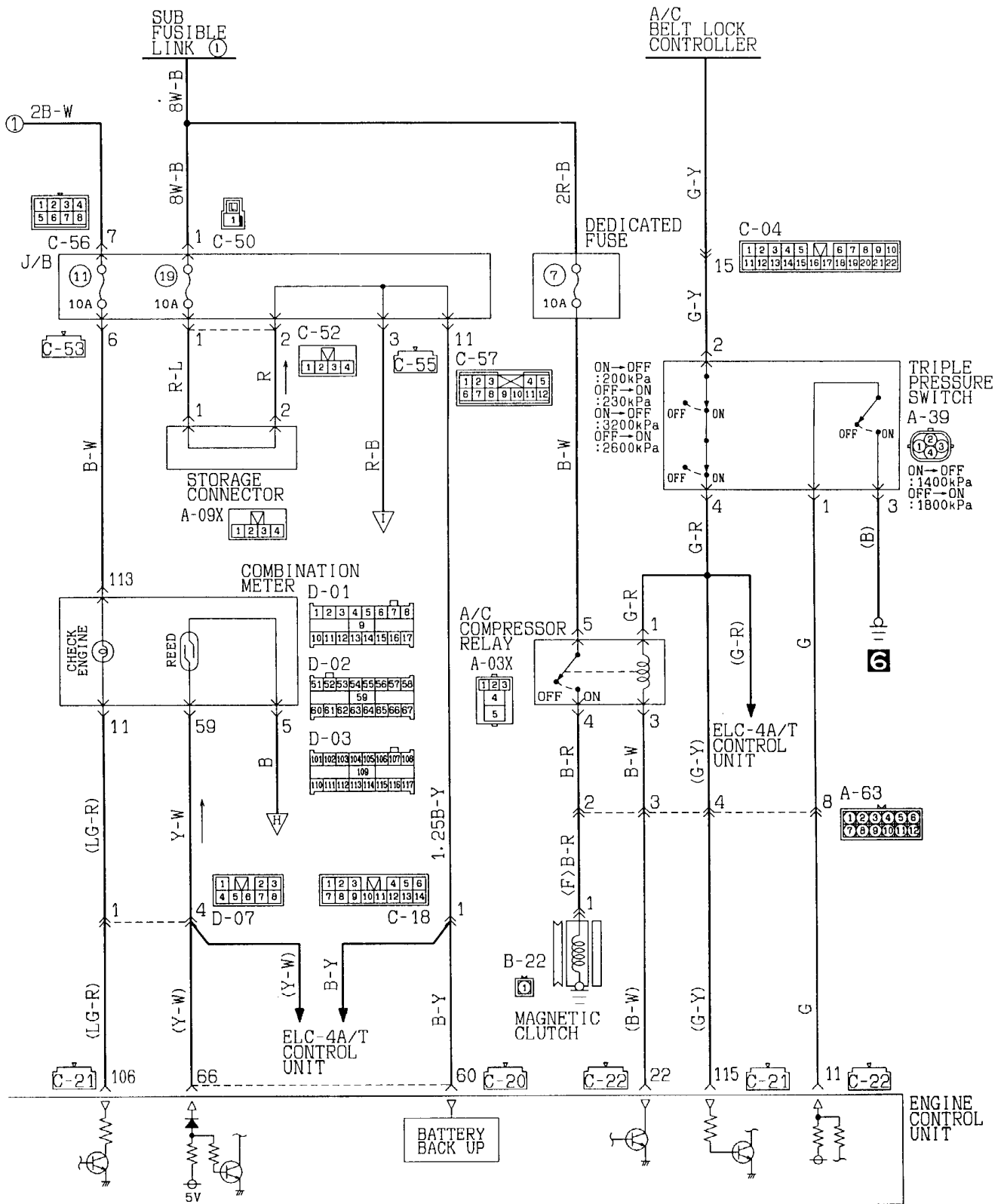


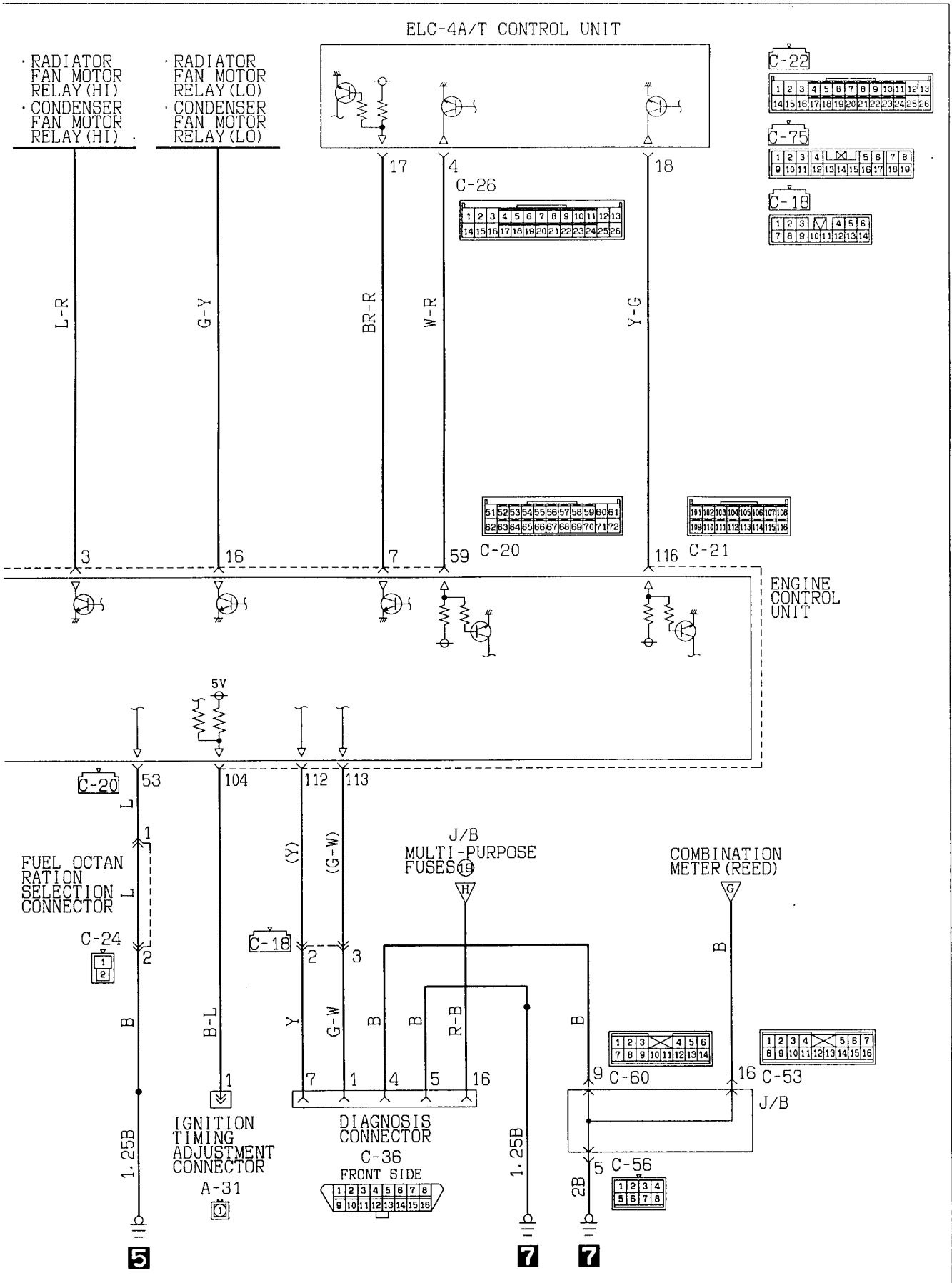


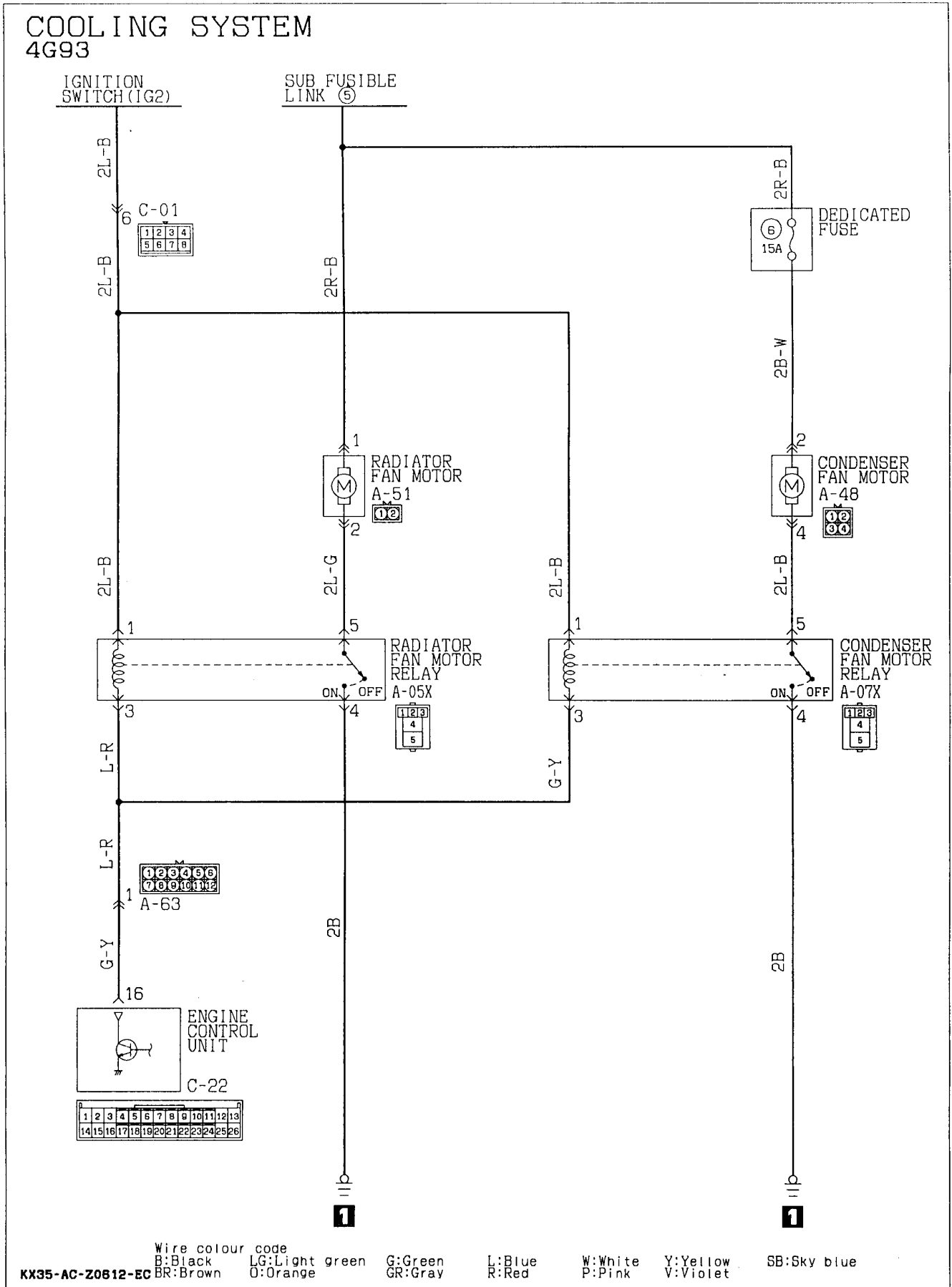




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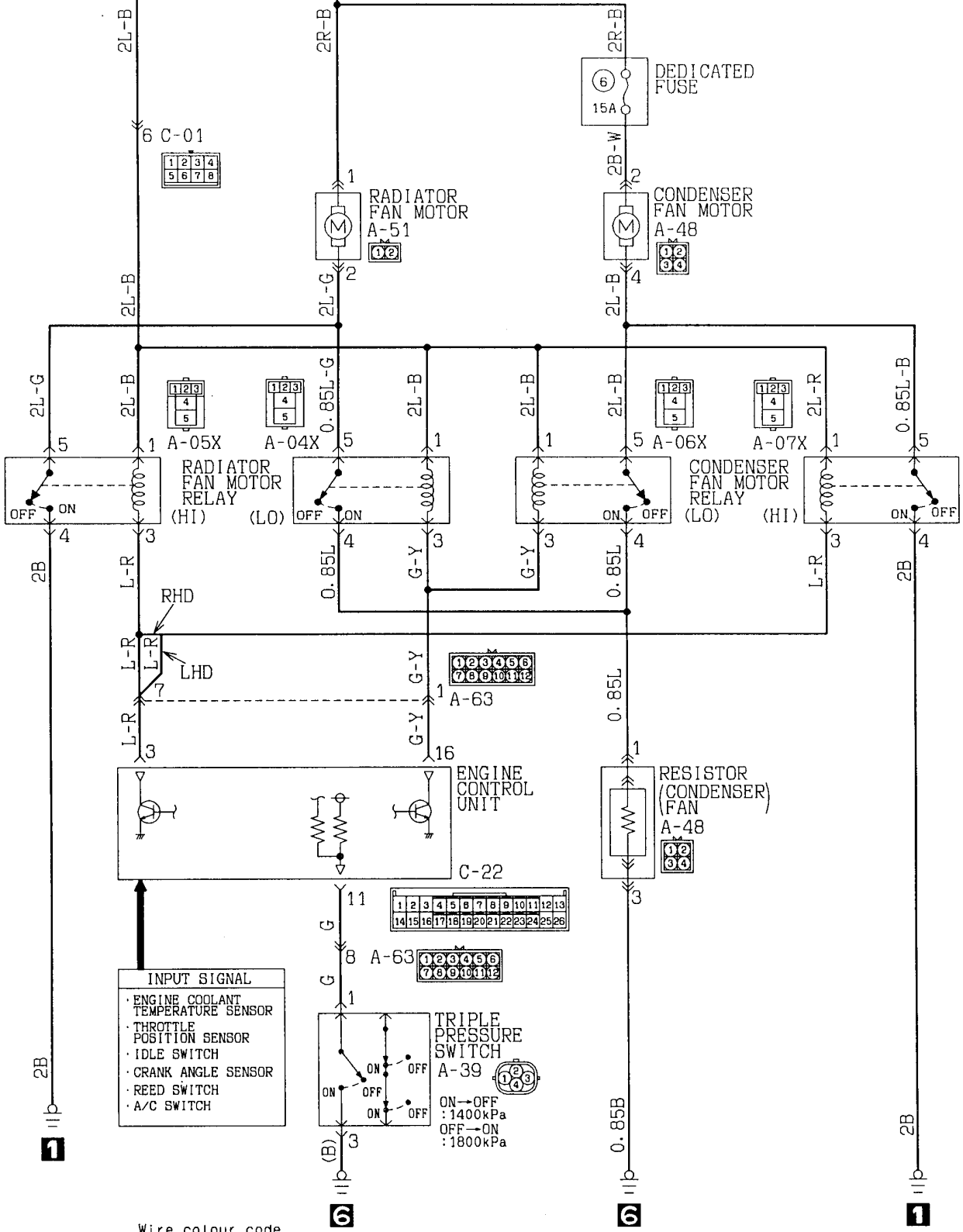




COOLING SYSTEM
4G63 and 4G64

IGNITION SWITCH(IG2)

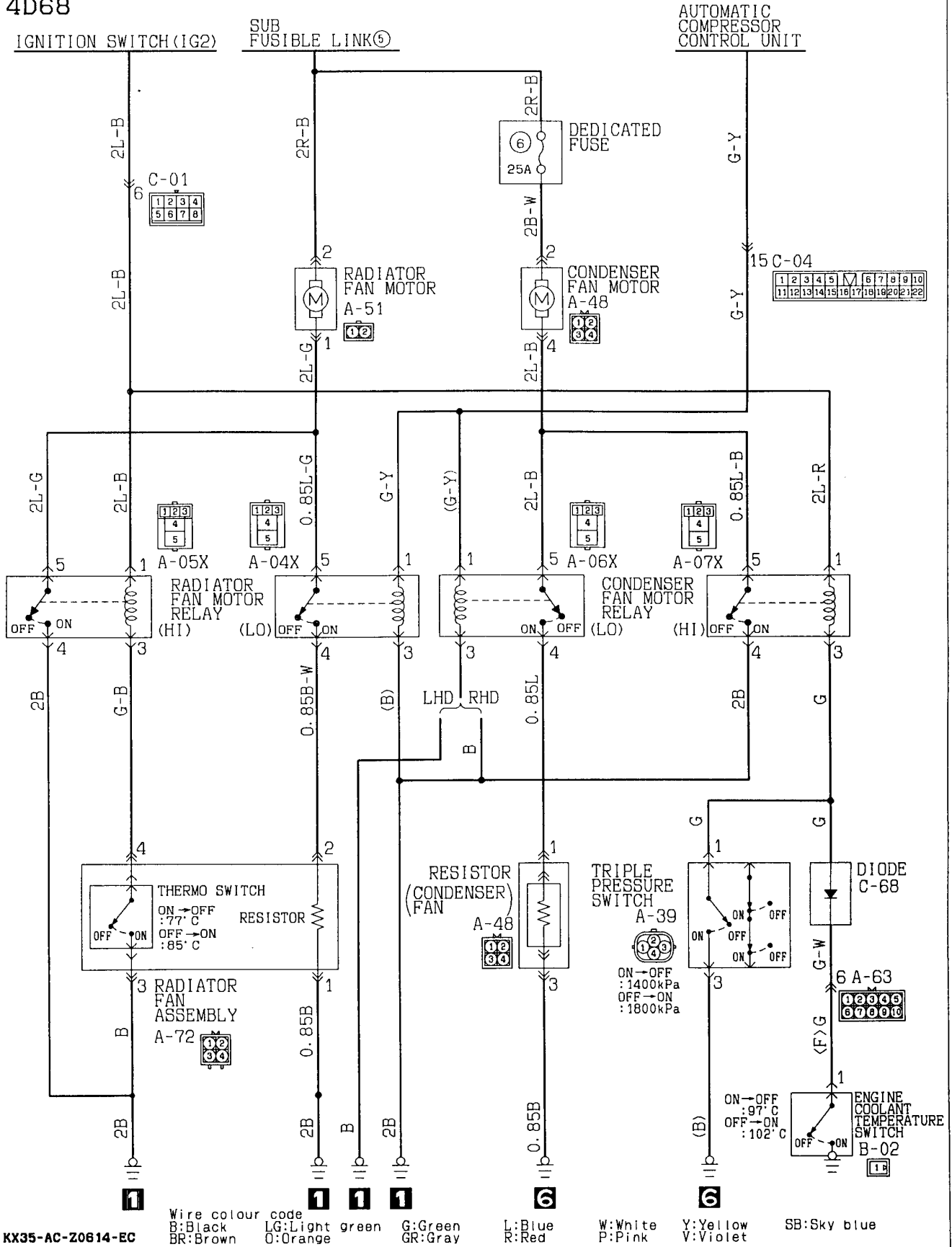
SUB FUSIBLE LINK ⑤



- INPUT SIGNAL
- ENGINE COOLANT TEMPERATURE SENSOR
 - THROTTLE POSITION SENSOR
 - IDLE SWITCH
 - CRANK ANGLE SENSOR
 - REED SWITCH
 - A/C SWITCH

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

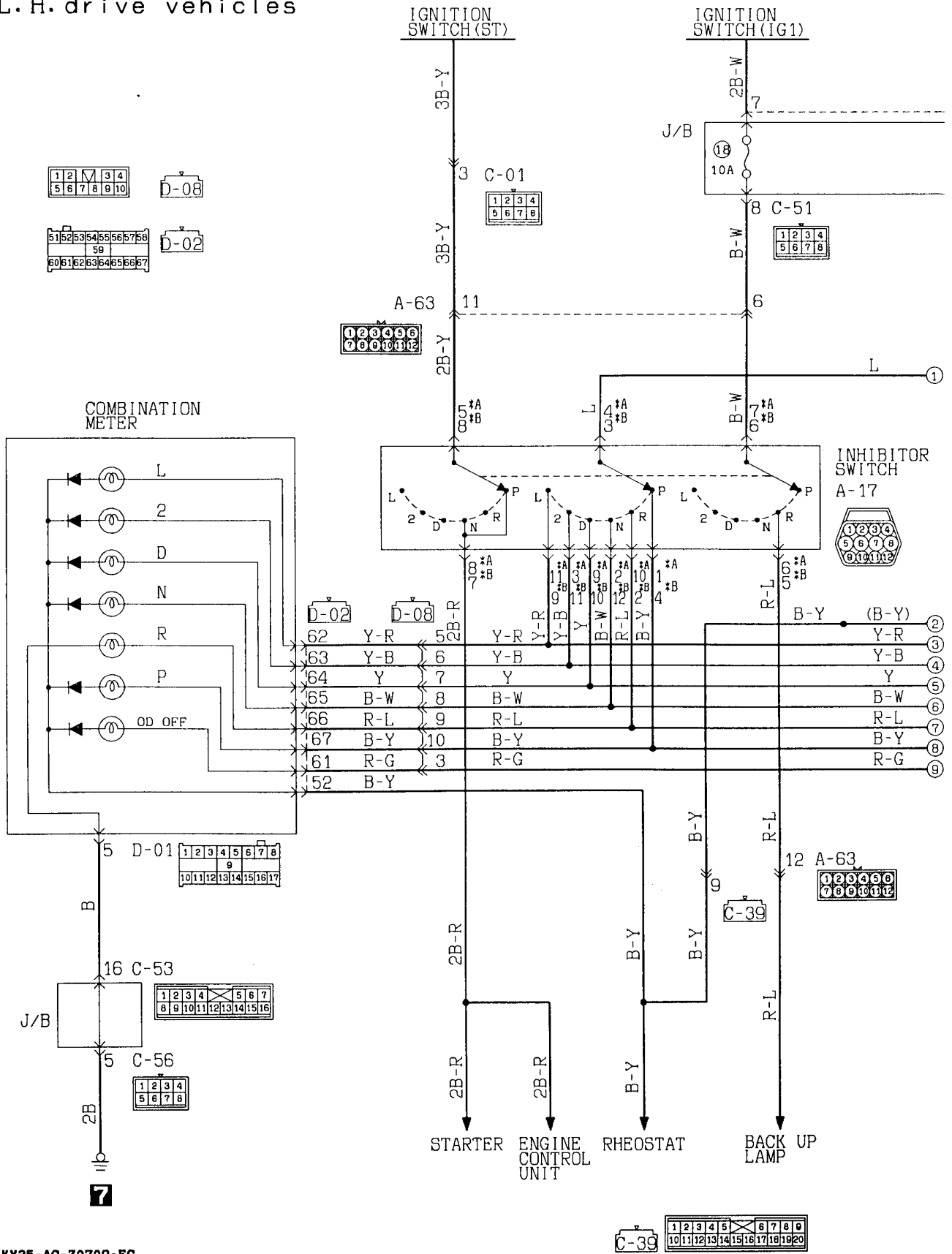
COOLING SYSTEM
4D68

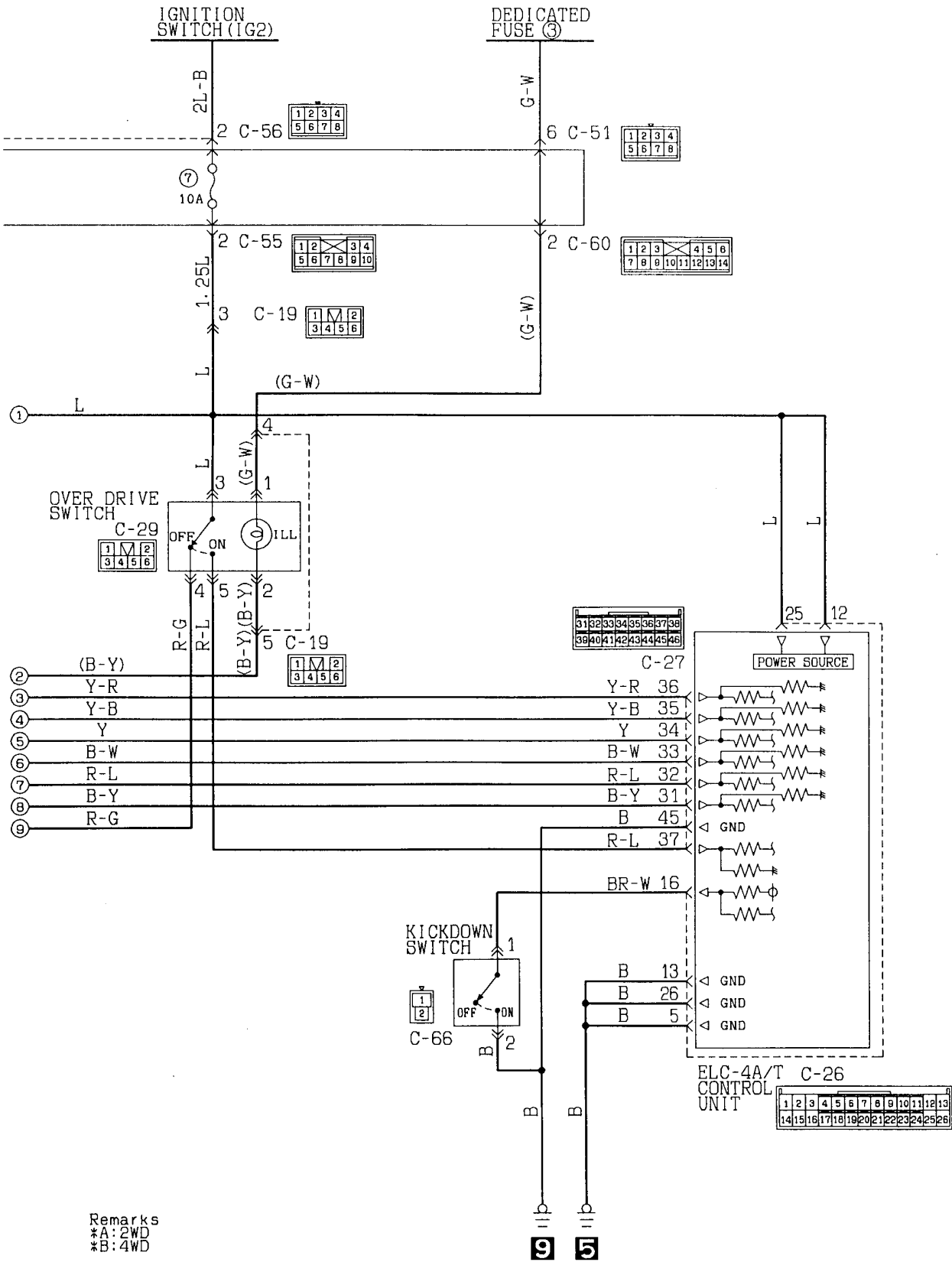


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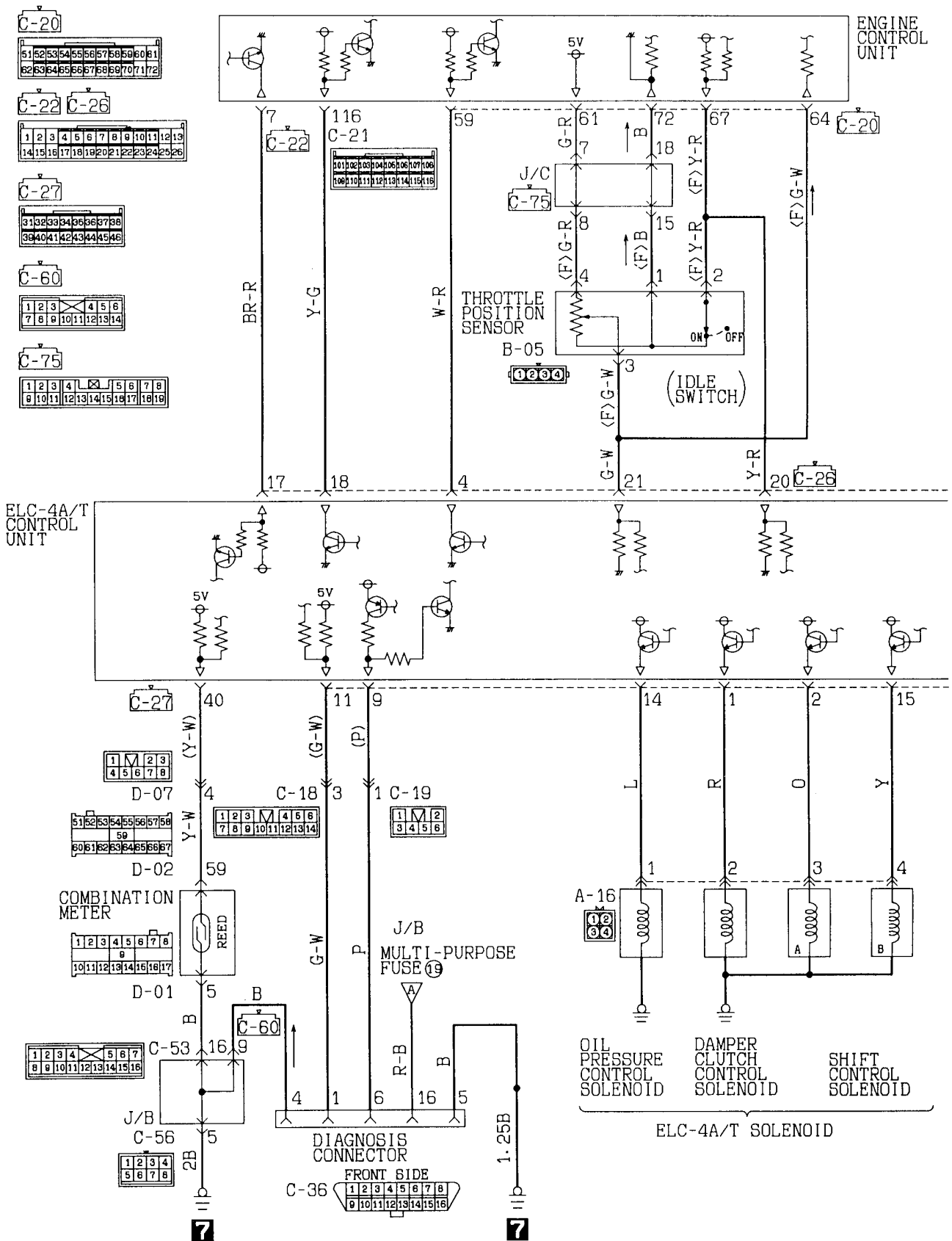
NOTES

ELC 4-SPEED AUTOMATIC TRANSMISSION
L.H. drive vehicles

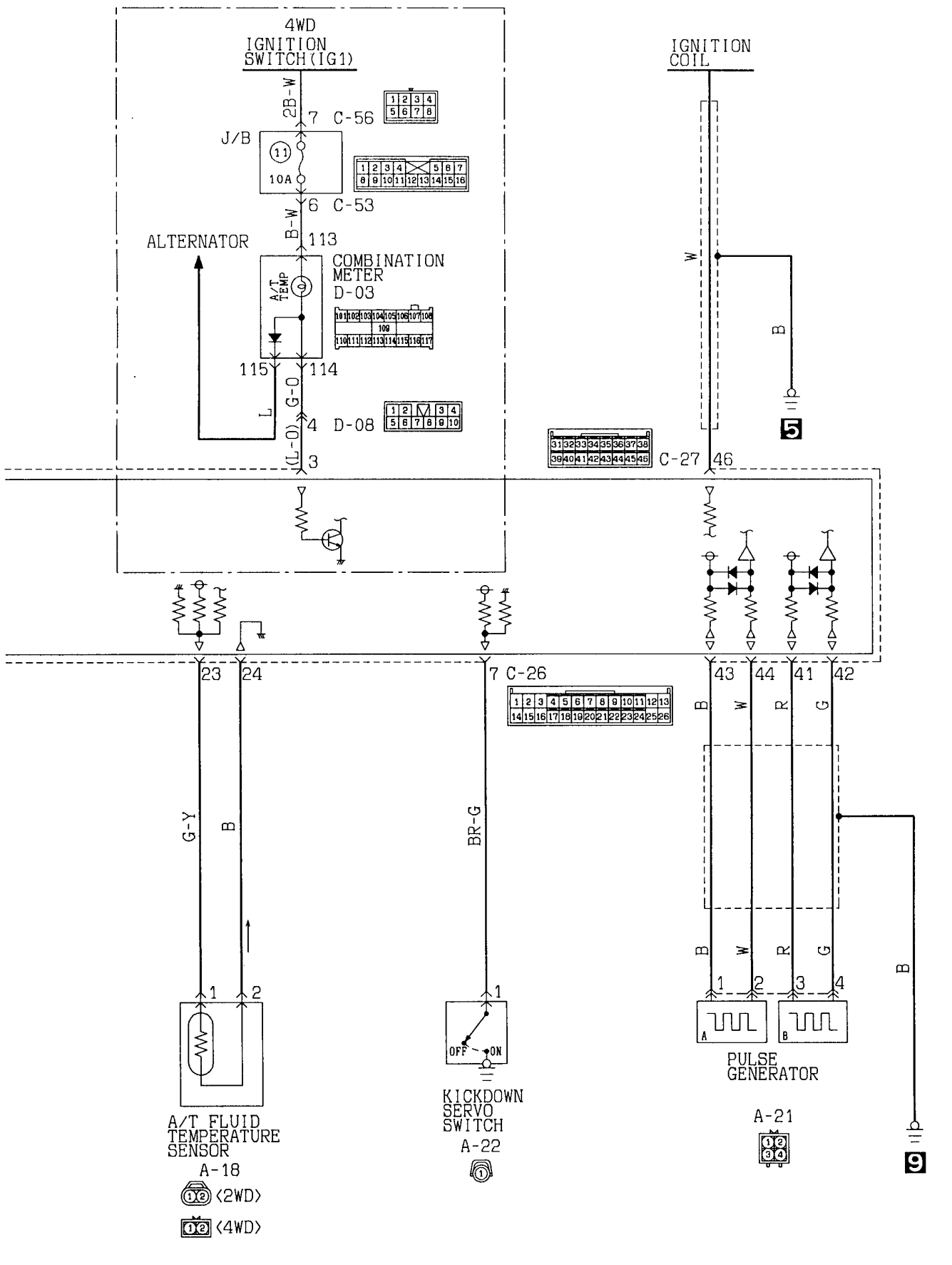


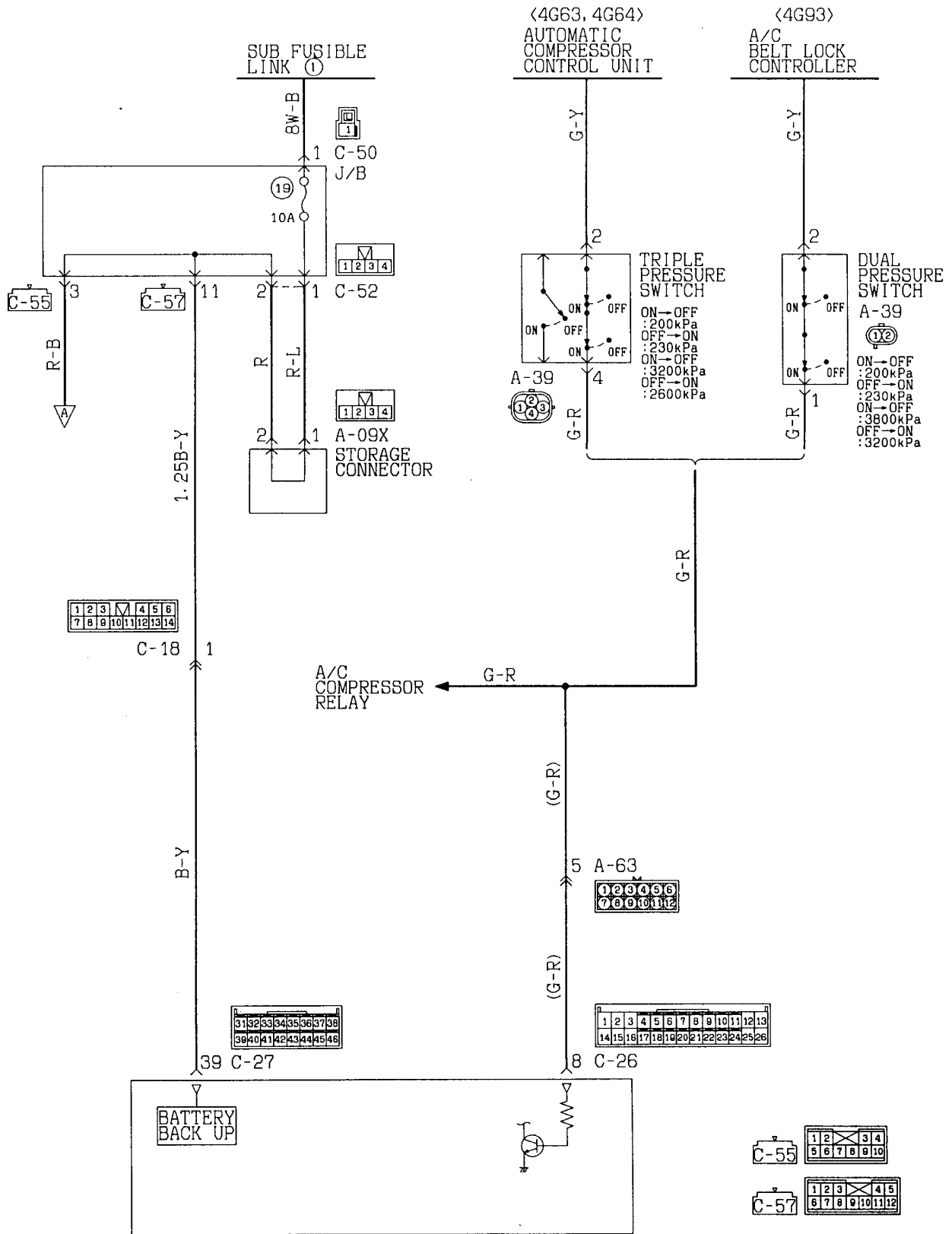


Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



Wire colour code
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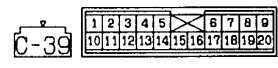
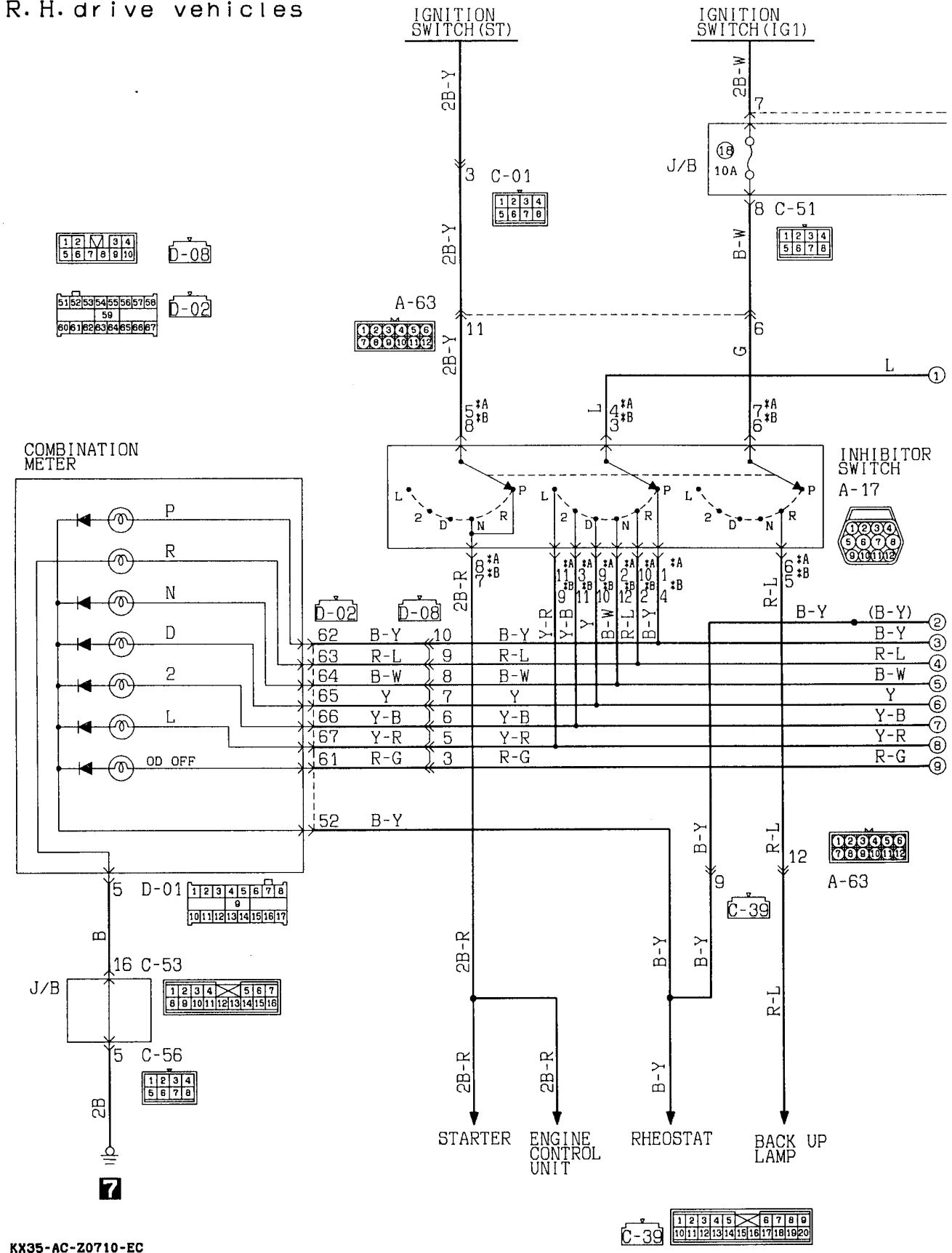
ELC-4A/T CONTROL UNIT

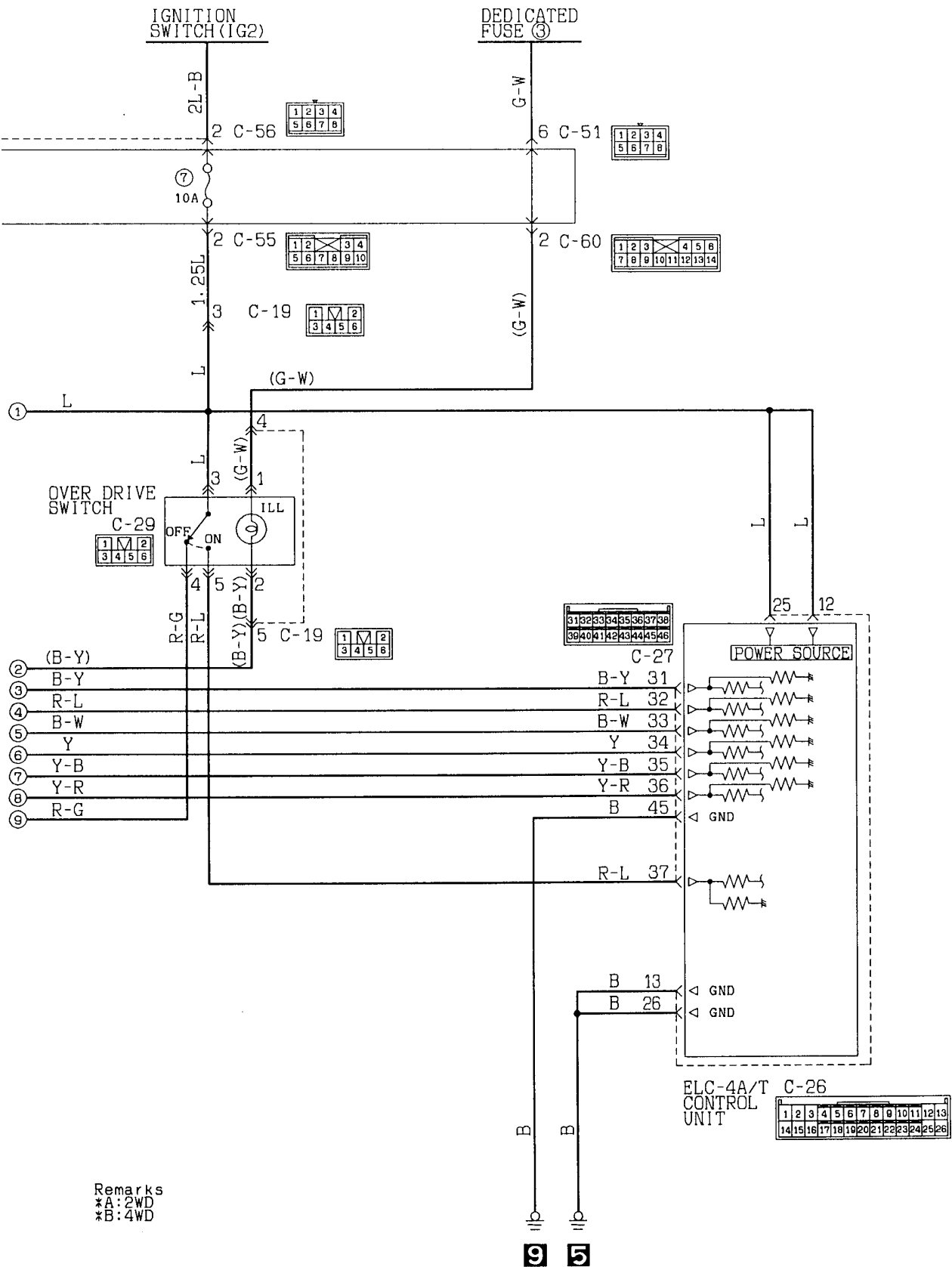
Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

NOTES

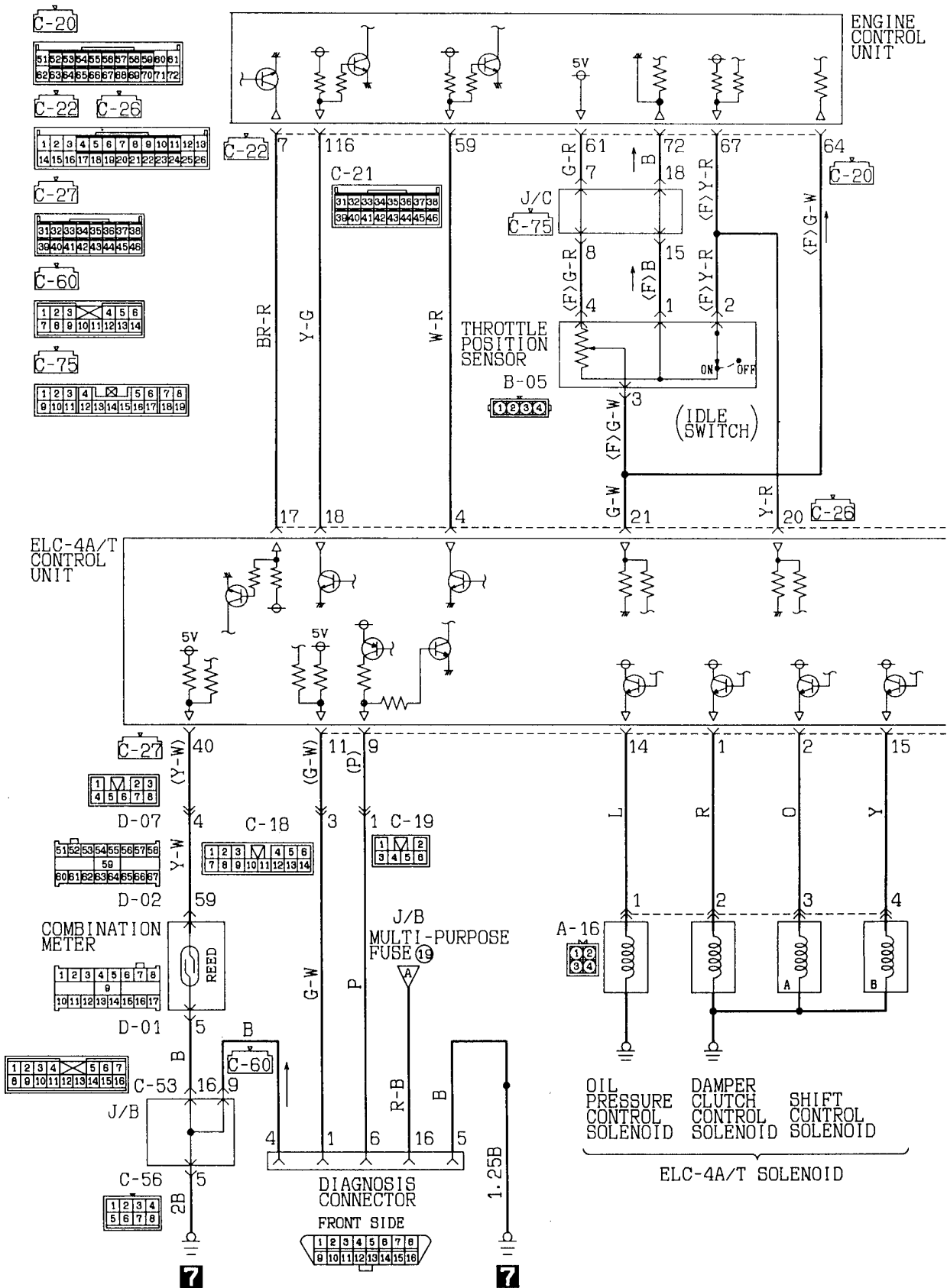
ELC 4-SPEED AUTOMATIC TRANSMISSION

R. H. drive vehicles

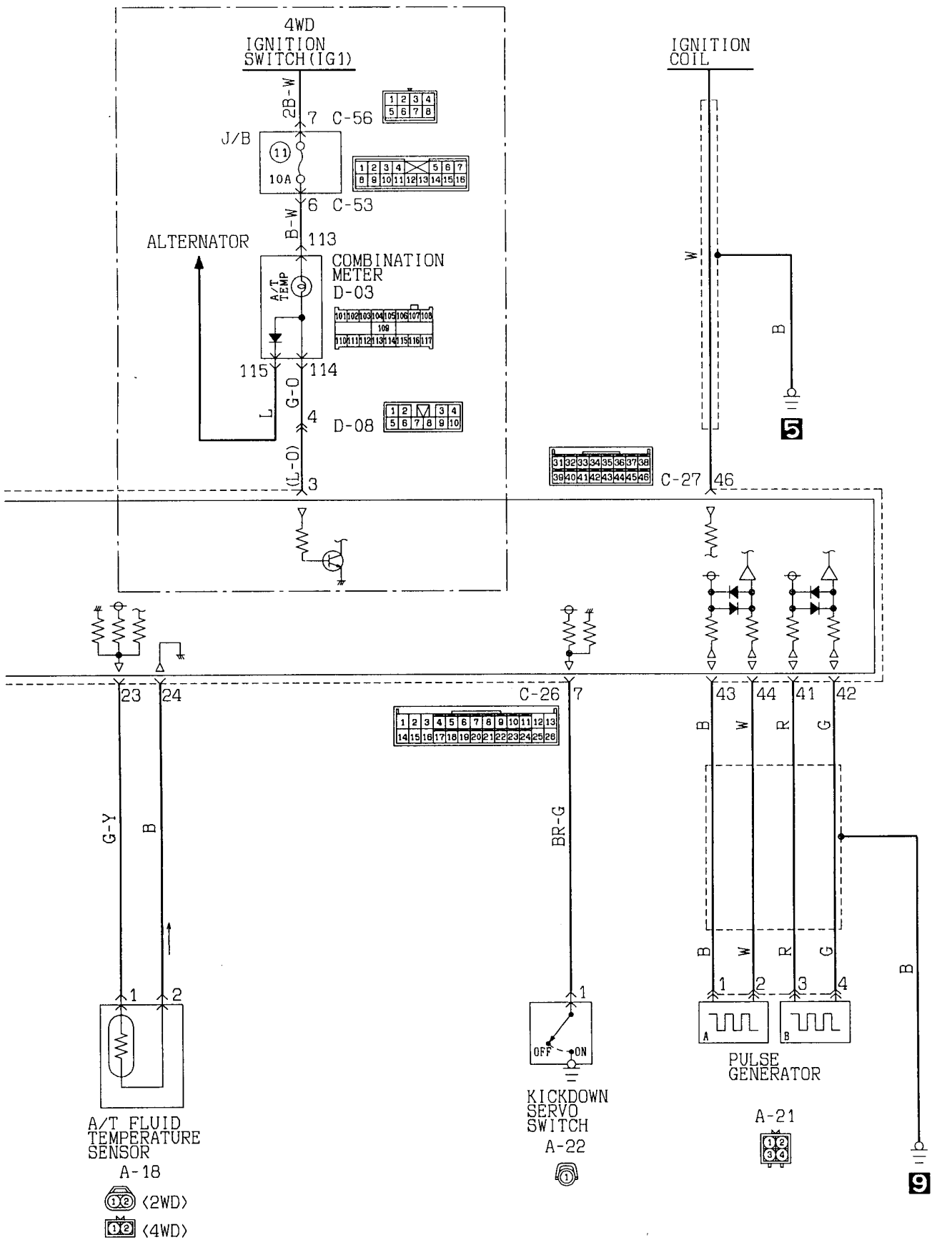


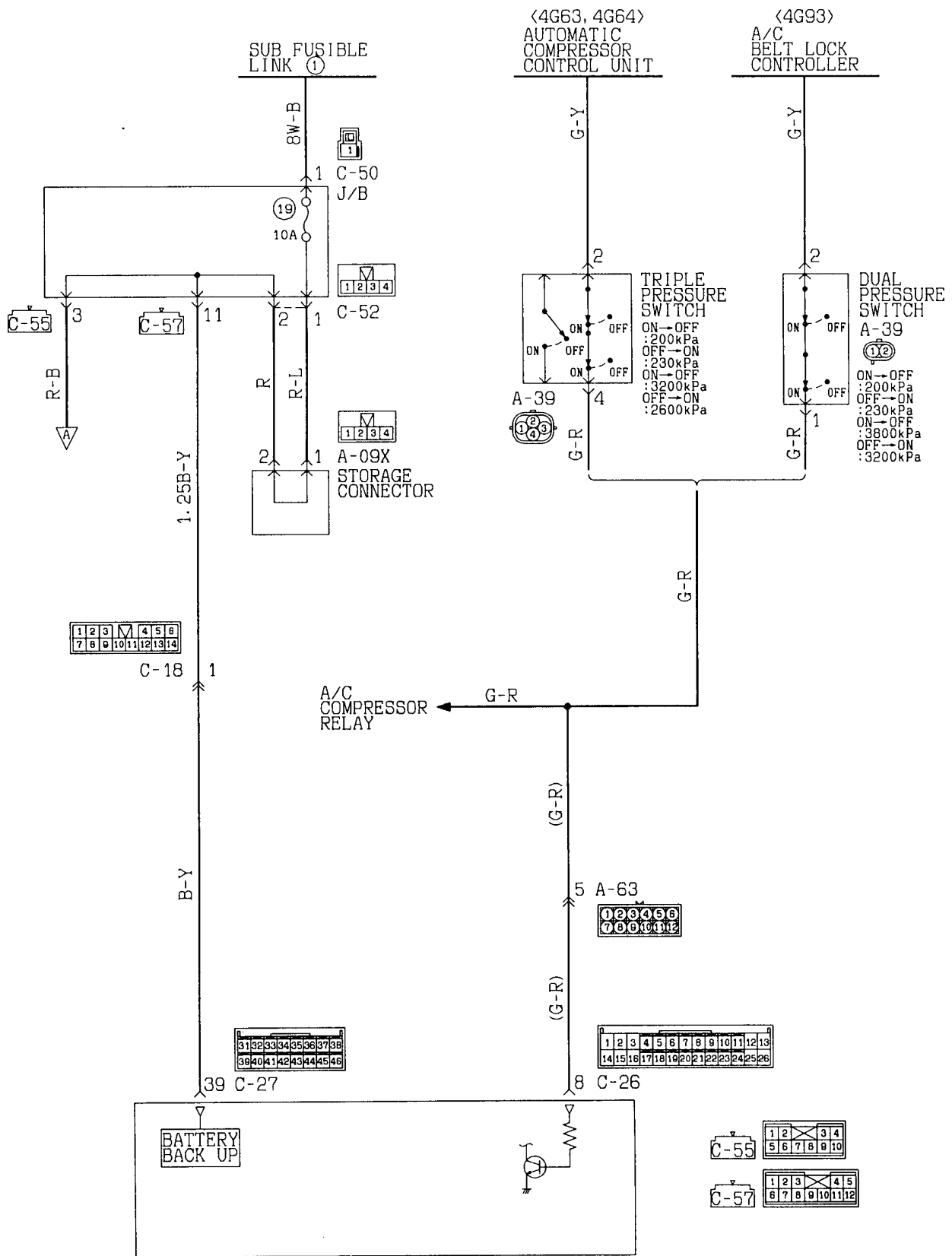


9 5



Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



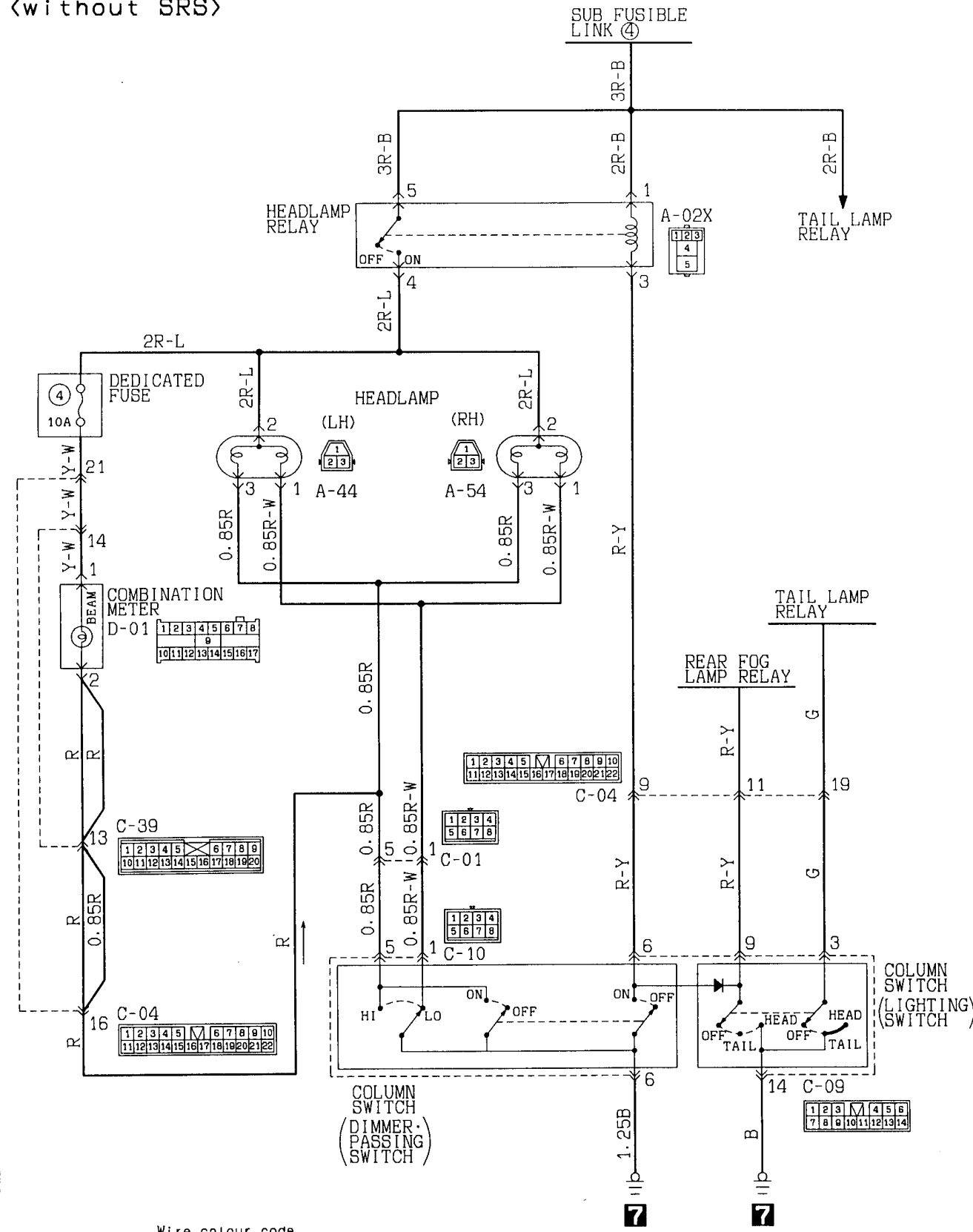


ELC-4A/T CONTROL UNIT

Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

HEADLAMP

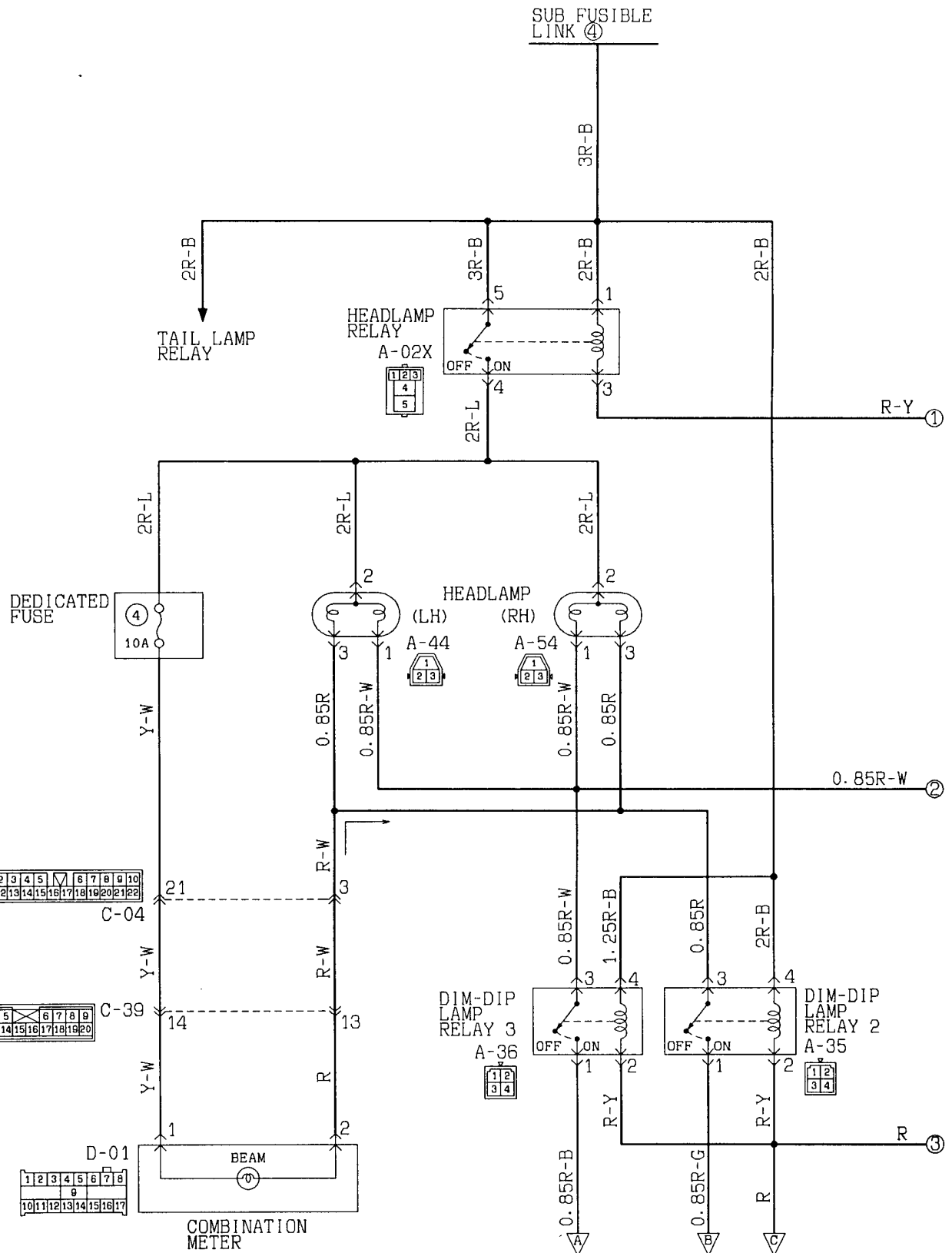
L.H. drive vehicles without daytime running lamp
(without SRS)



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

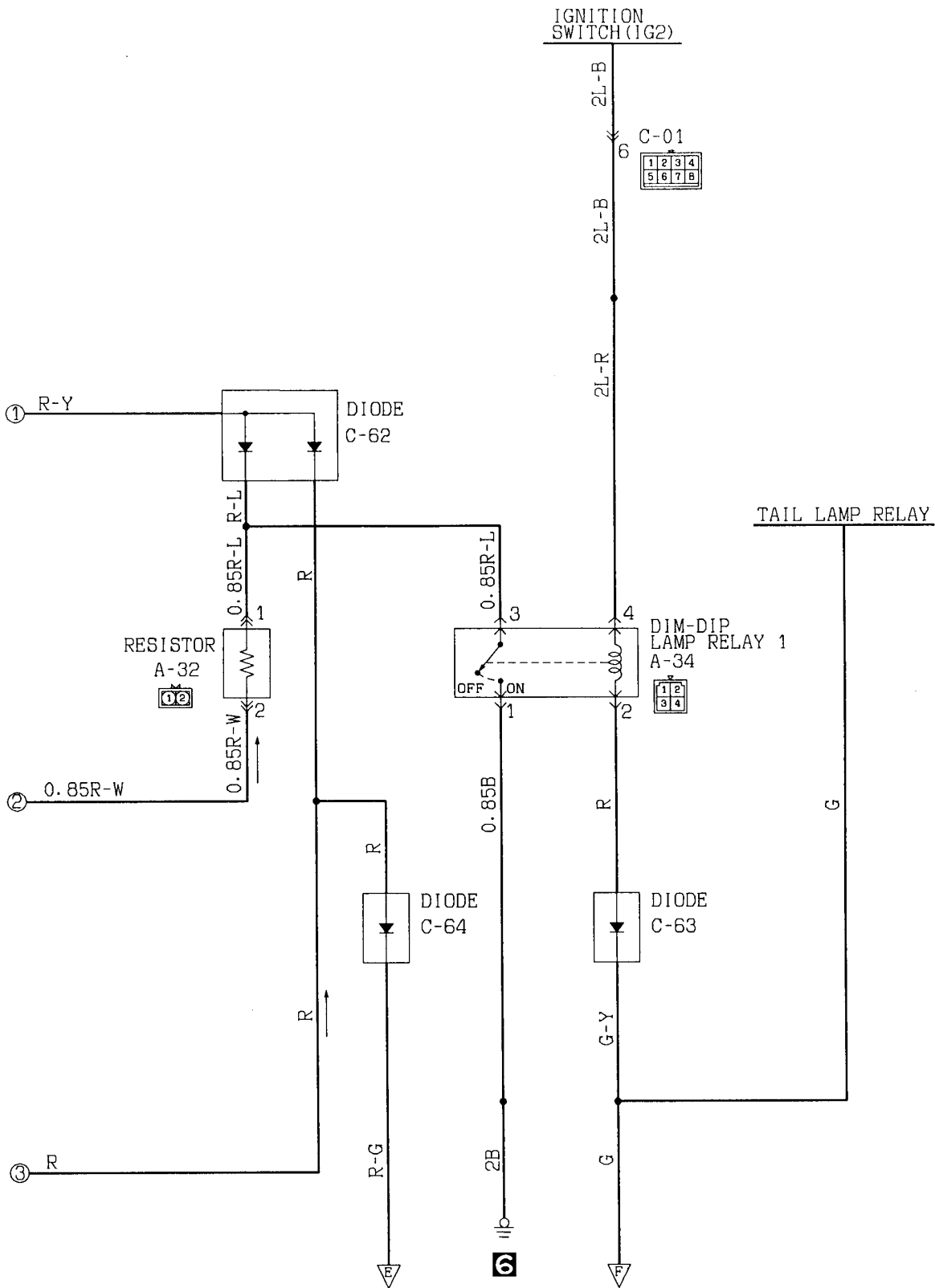
HEADLAMP

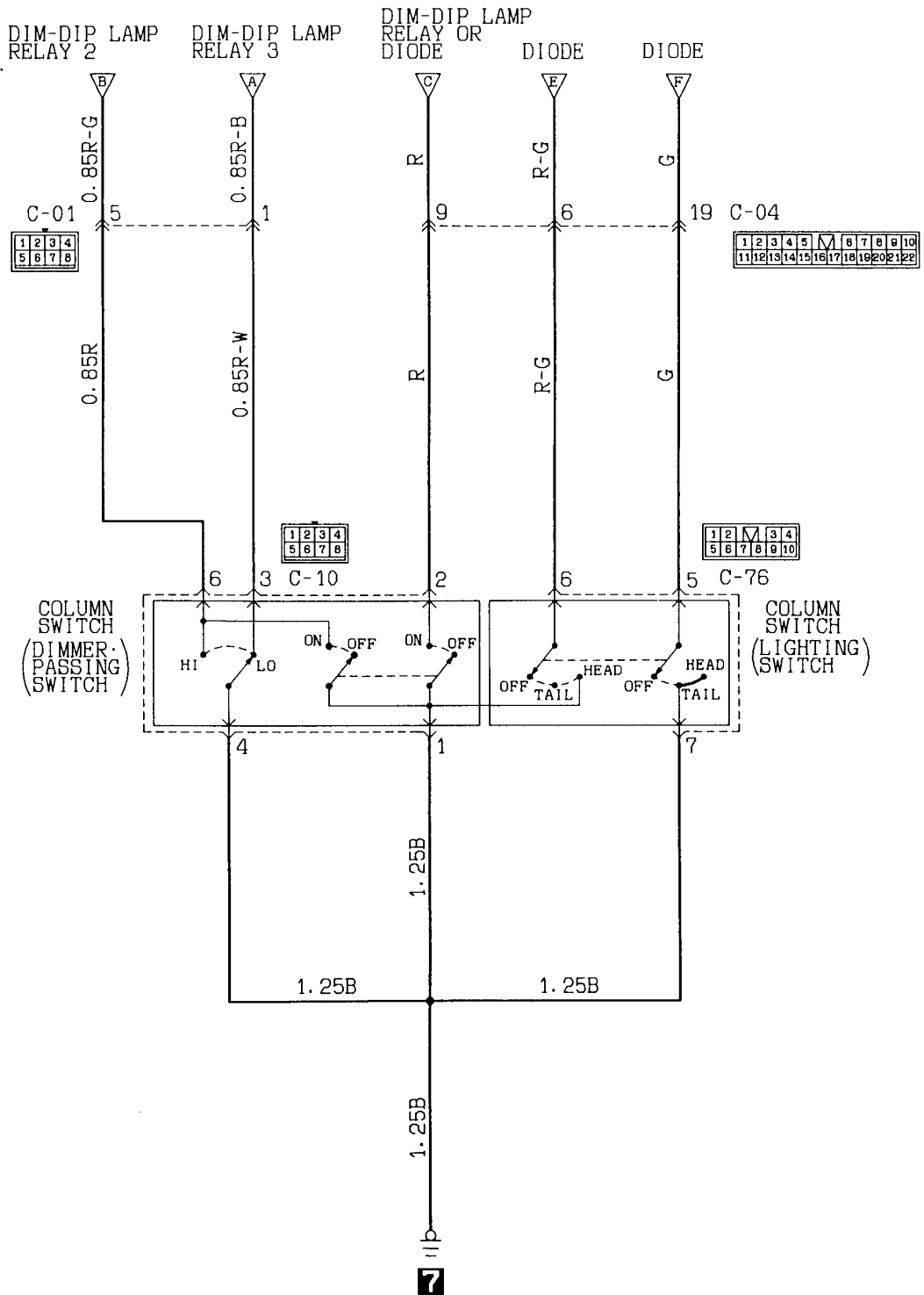
R.H. drive vehicles with SRS



KX35-AC-Z0857-EC

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

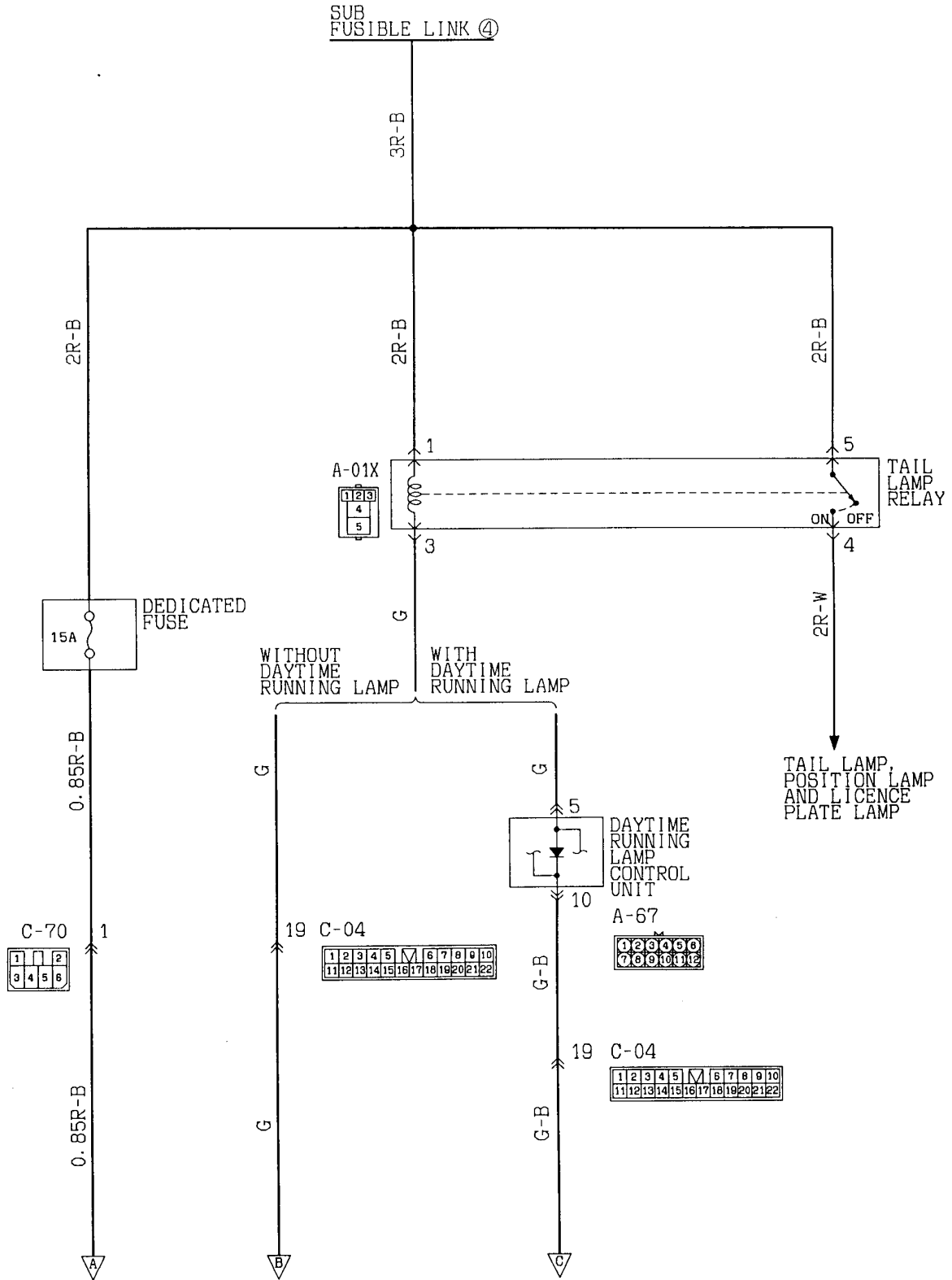


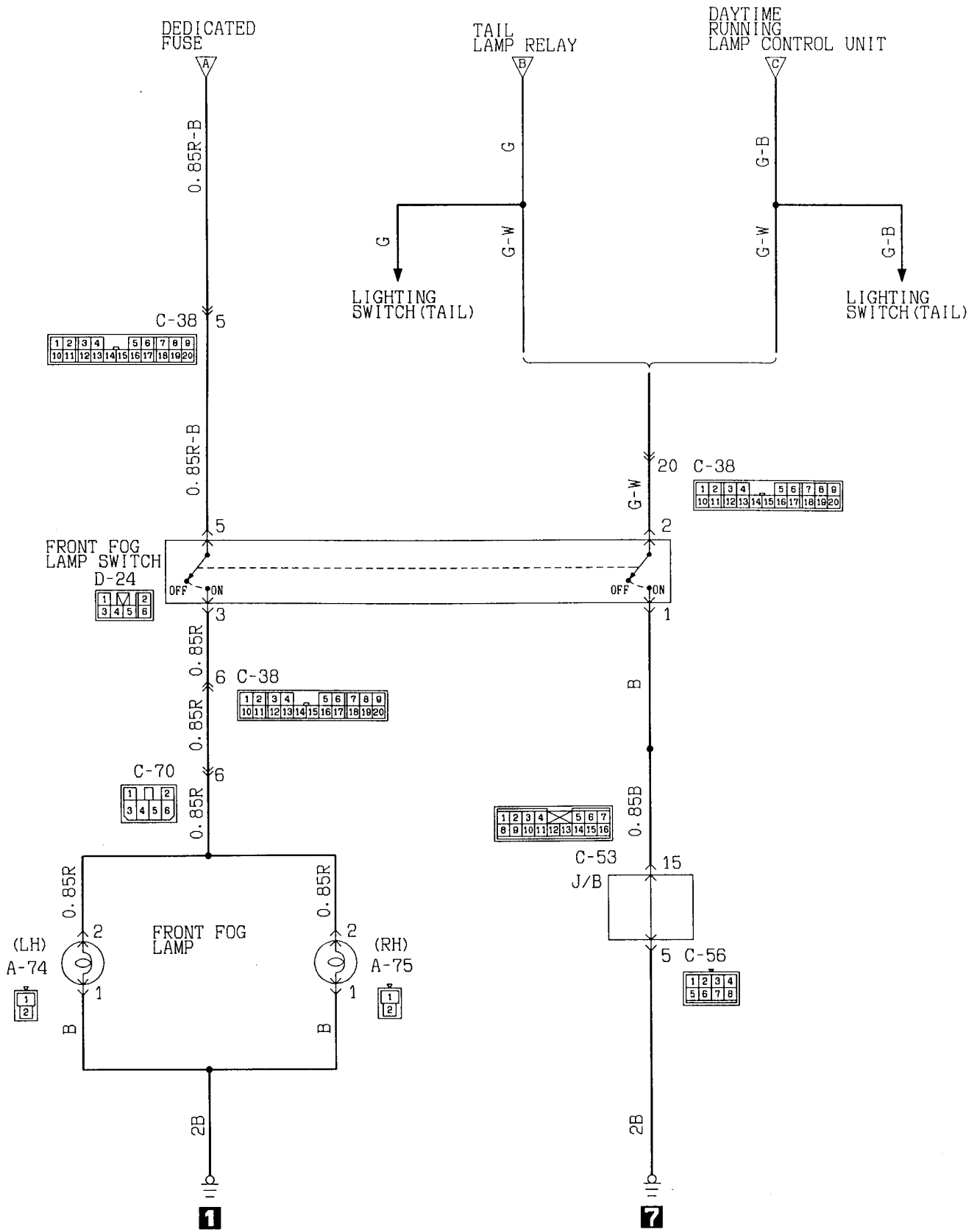


Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

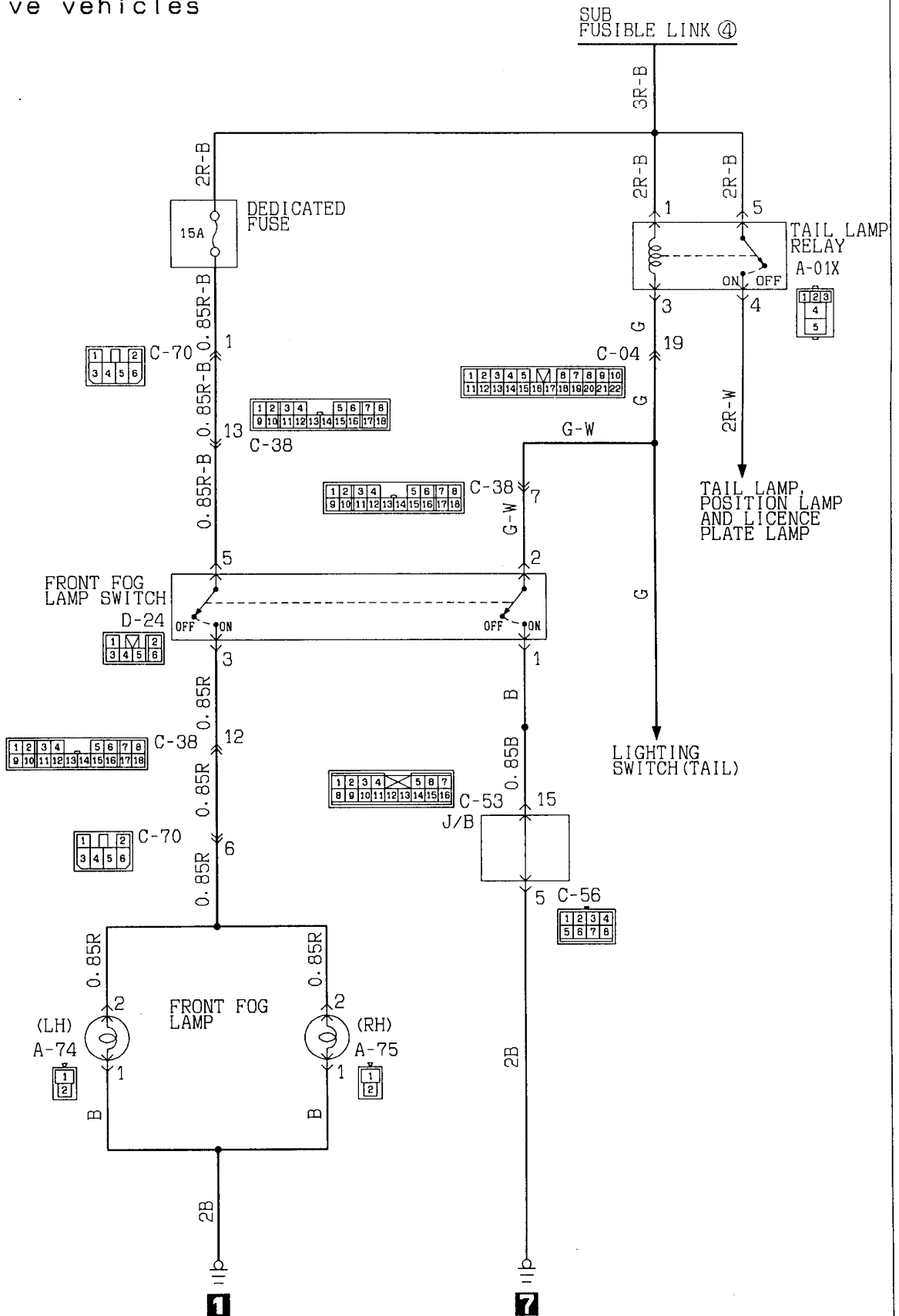
NOTES

FRONT FOG LAMP
L.H. drive vehicles



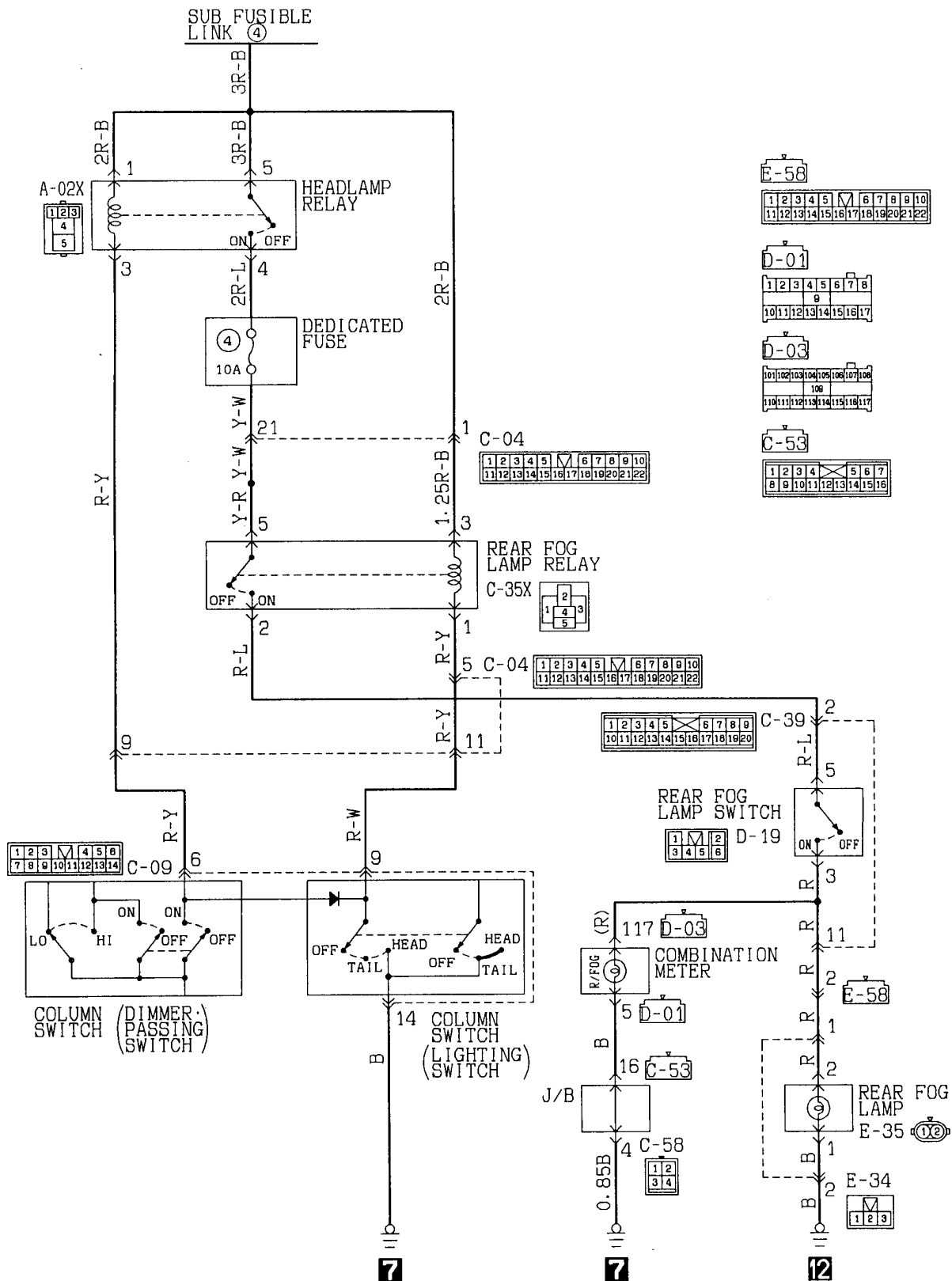


FRONT FOG LAMP
R. H. drive vehicles



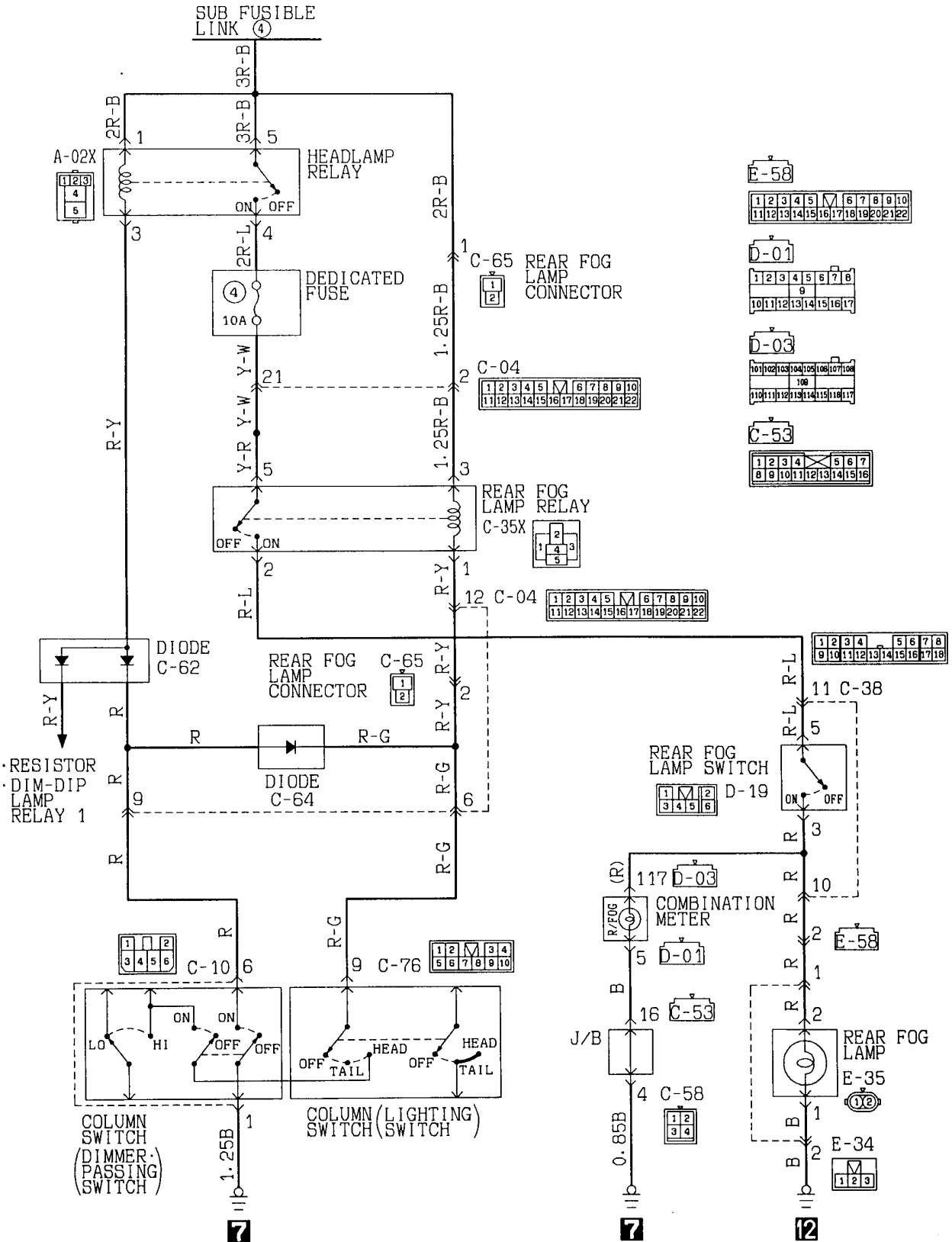
REAR FOG LAMP

L.H. drive vehicles without daytime running lamp (without SRS)



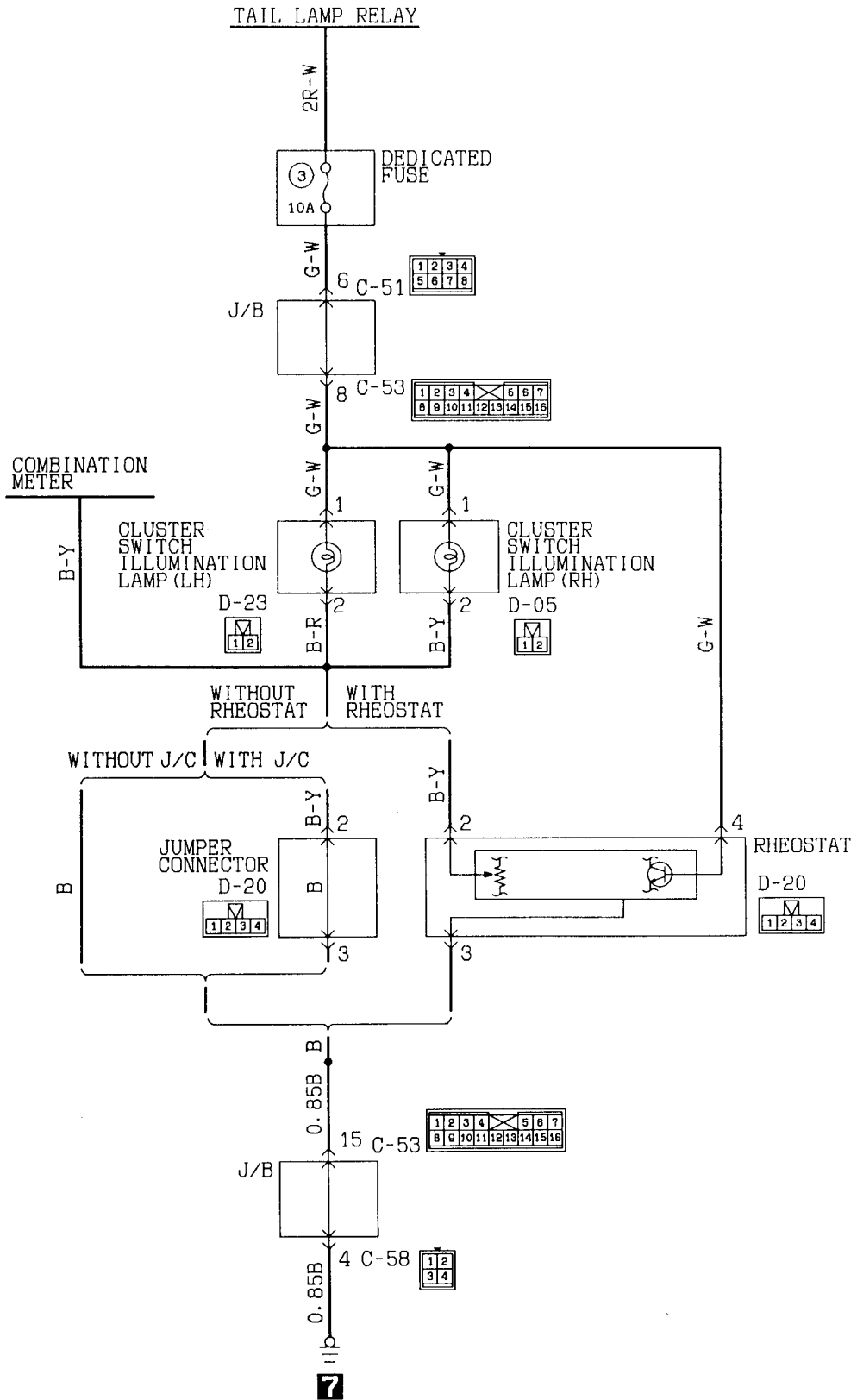
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

REAR FOG LAMP
R.H. drive vehicles with SRS



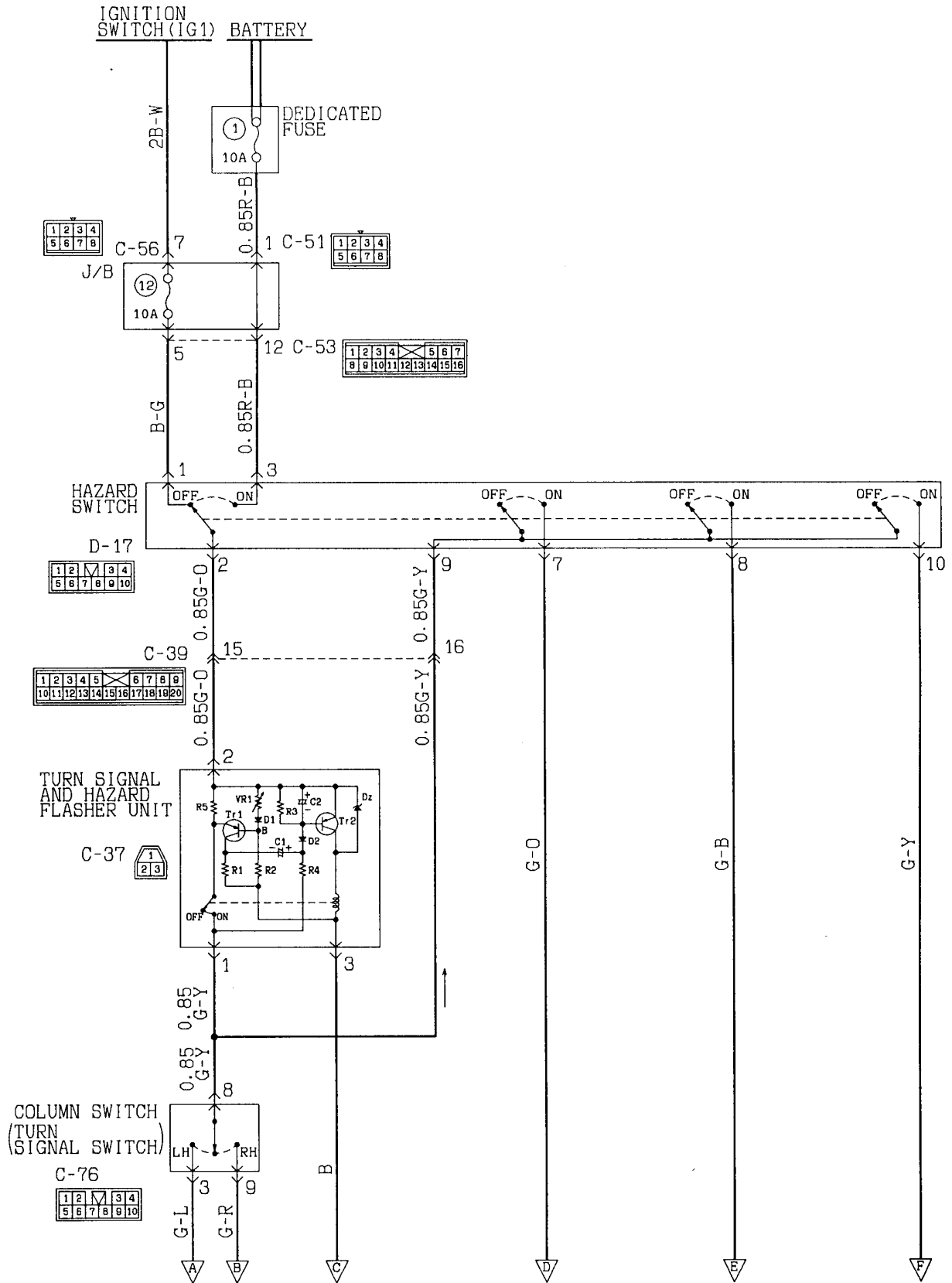
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

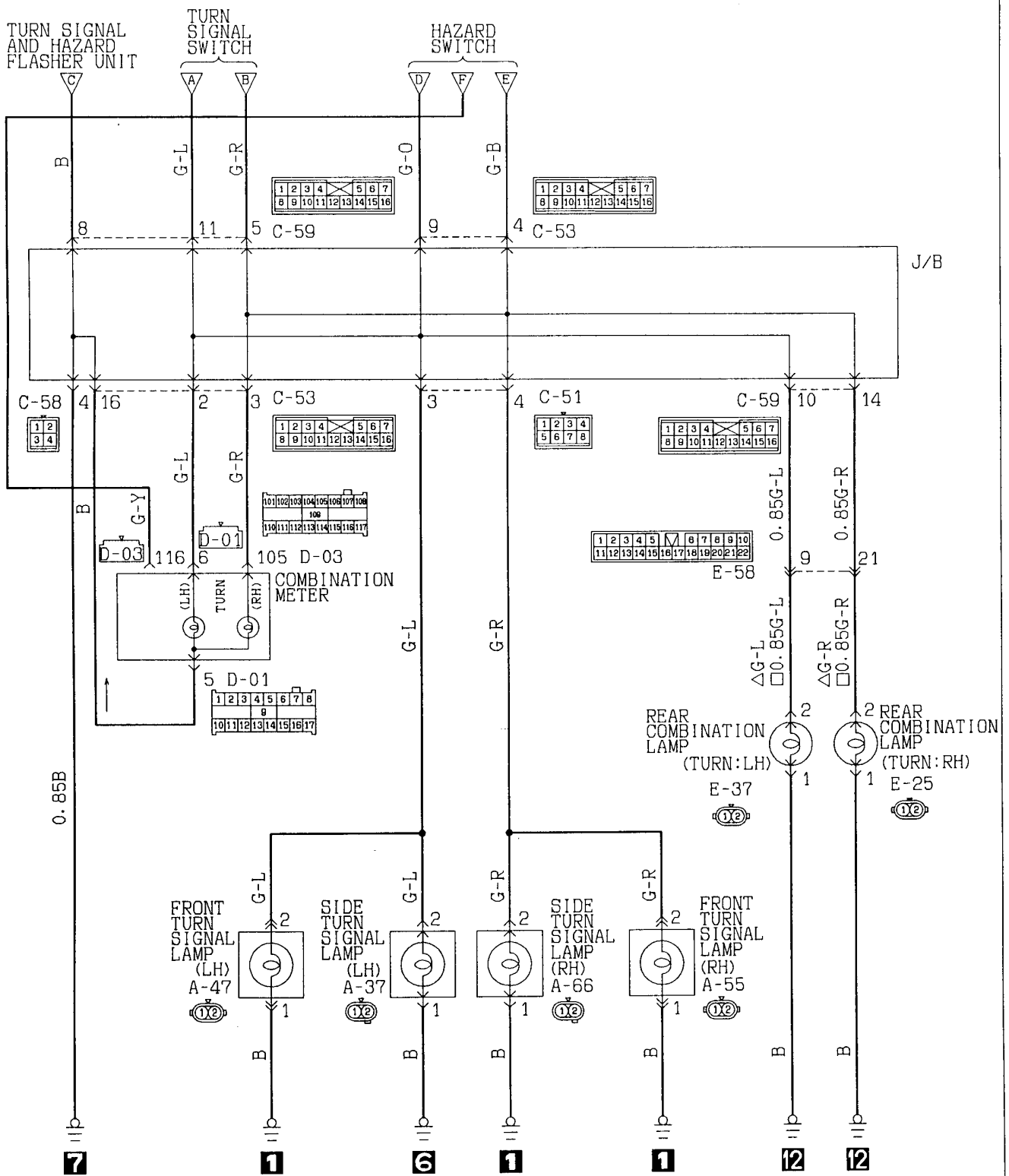
CLUSTER SWITCH ILLUMINATION LAMP



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

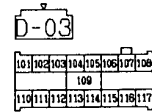
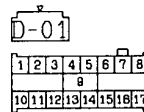
TURN SIGNAL LAMP AND HAZARD LAMP
Vehicles with SRS



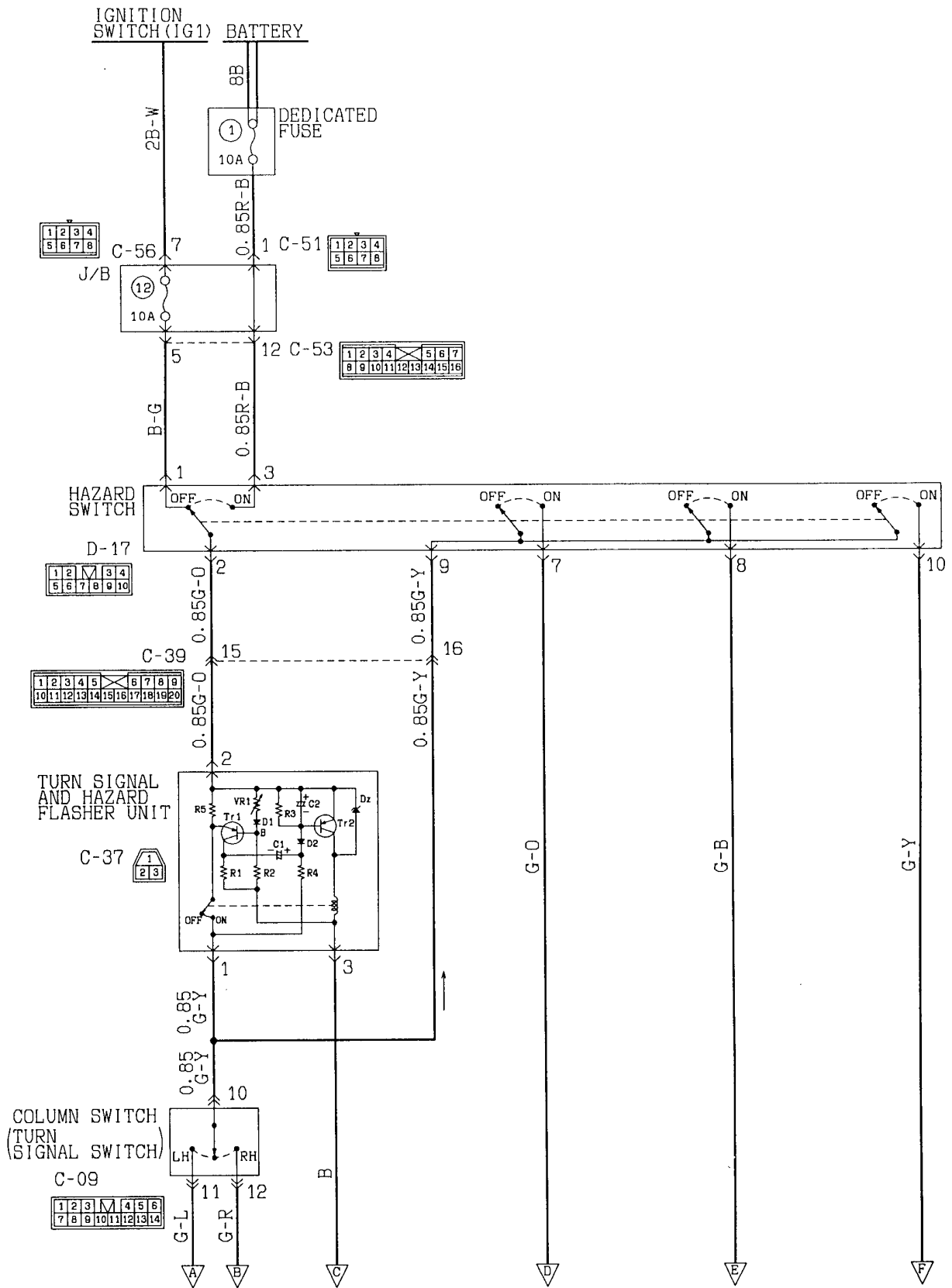


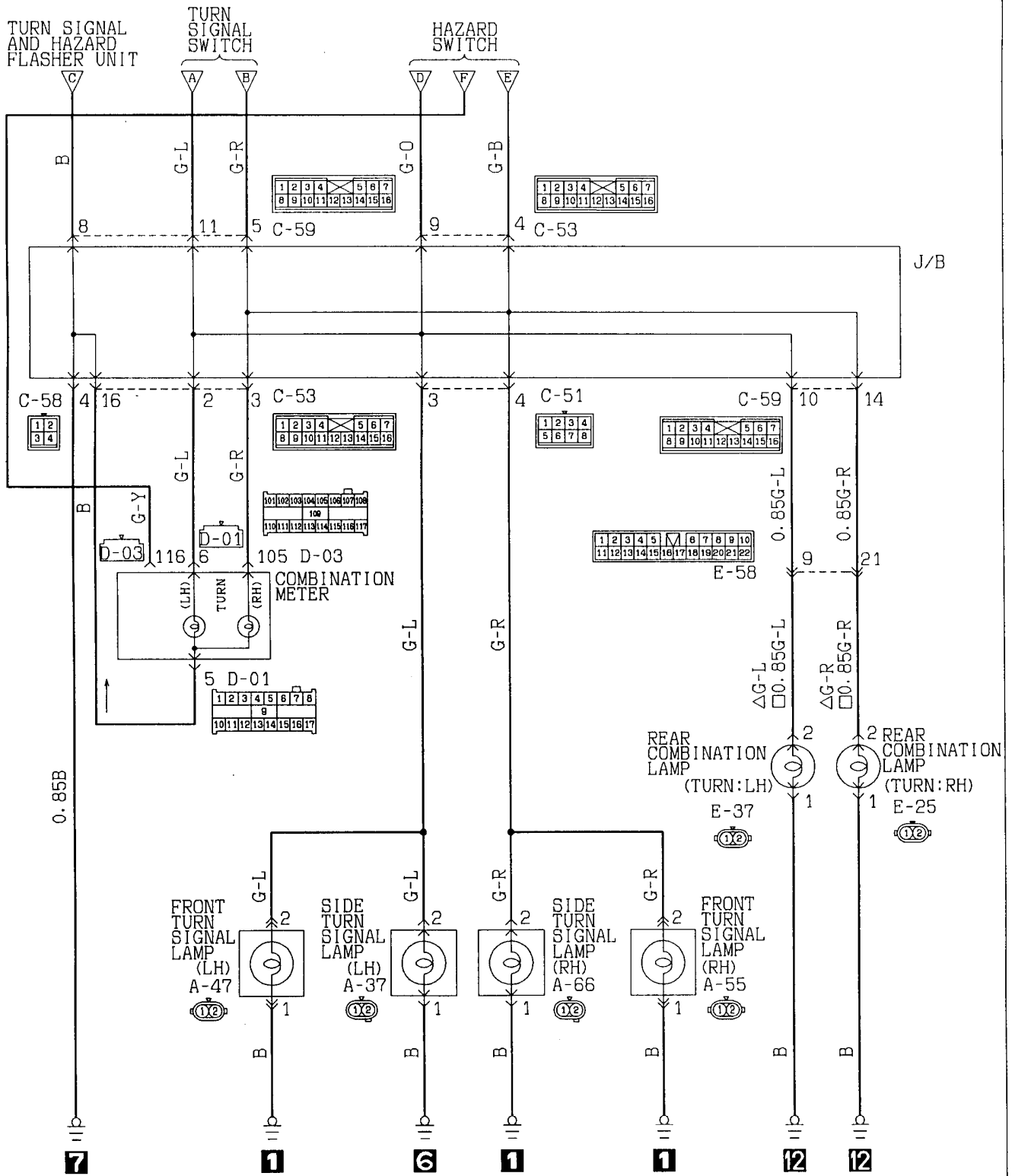
Remarks
 (1) Δ: SPACE RUNNER
 (2) □: SPACE WAGON

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



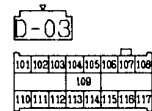
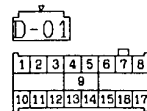
TURN SIGNAL LAMP AND HAZARD LAMP
Vehicles without SRS



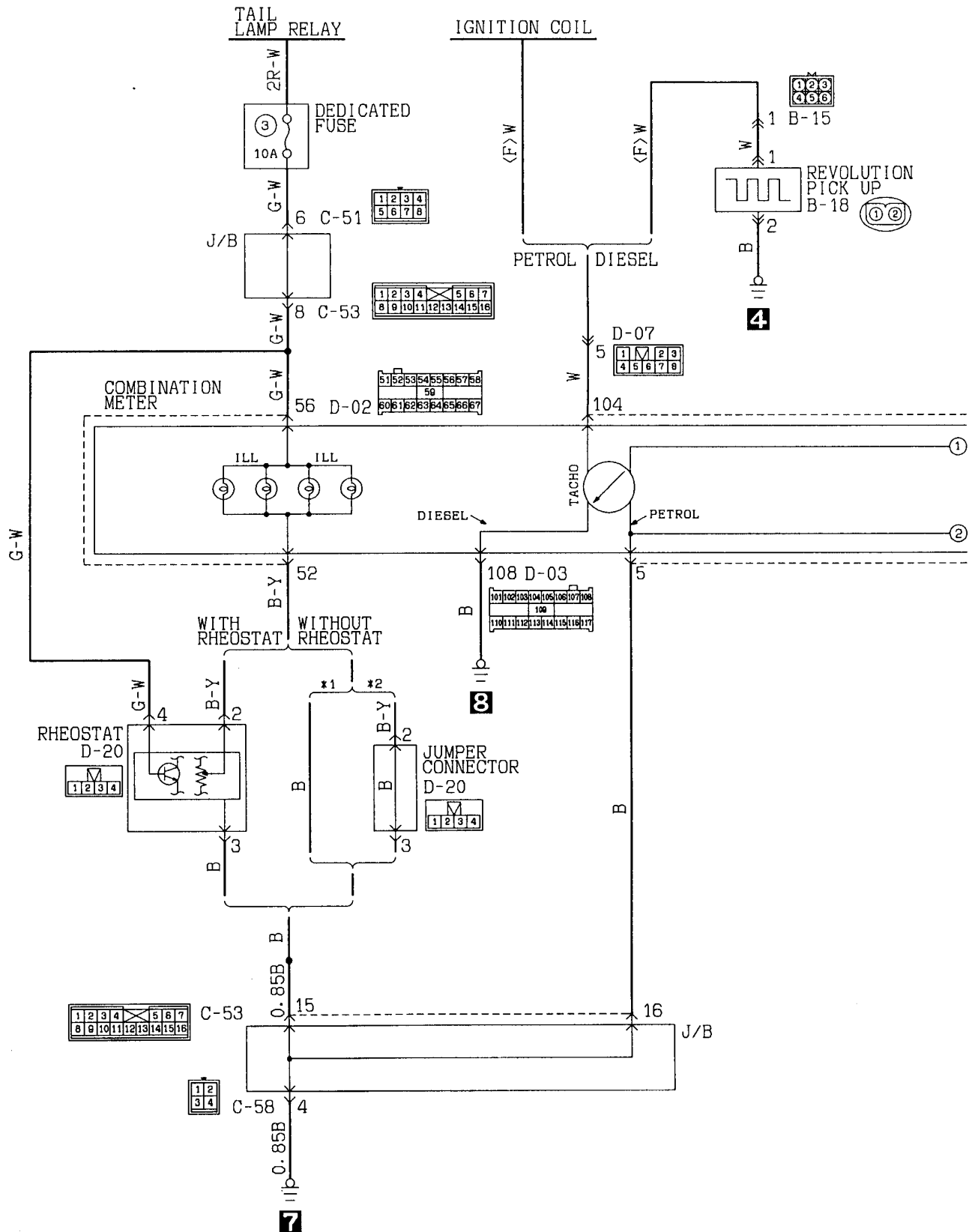


Remarks
 (1) Δ: SPACE RUNNER (LHD)
 (2) □: SPACE RUNNER (RHD) and SPACE WAGON

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

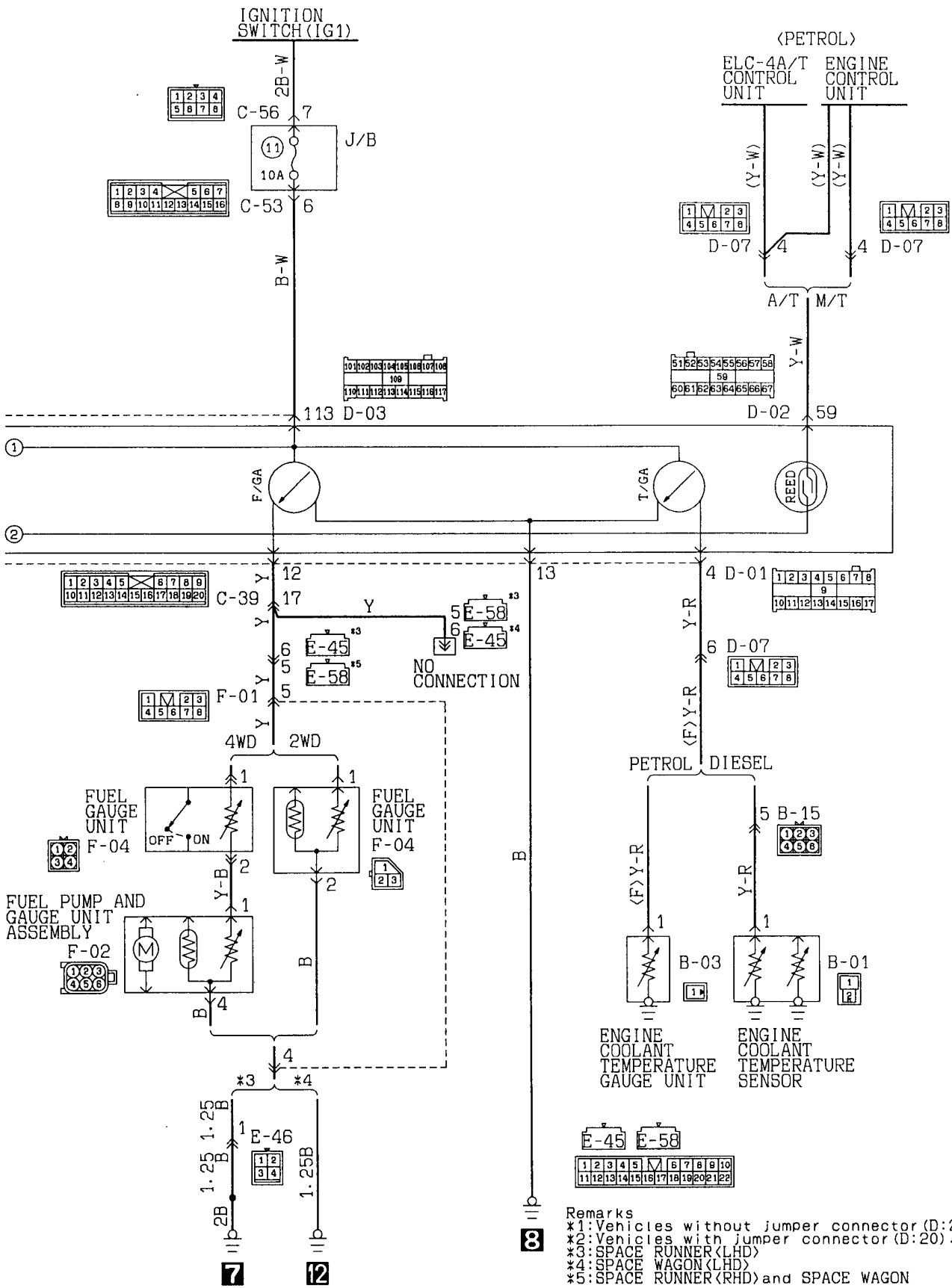


METER AND GAUGE



KX35-AC-Z1014-EC

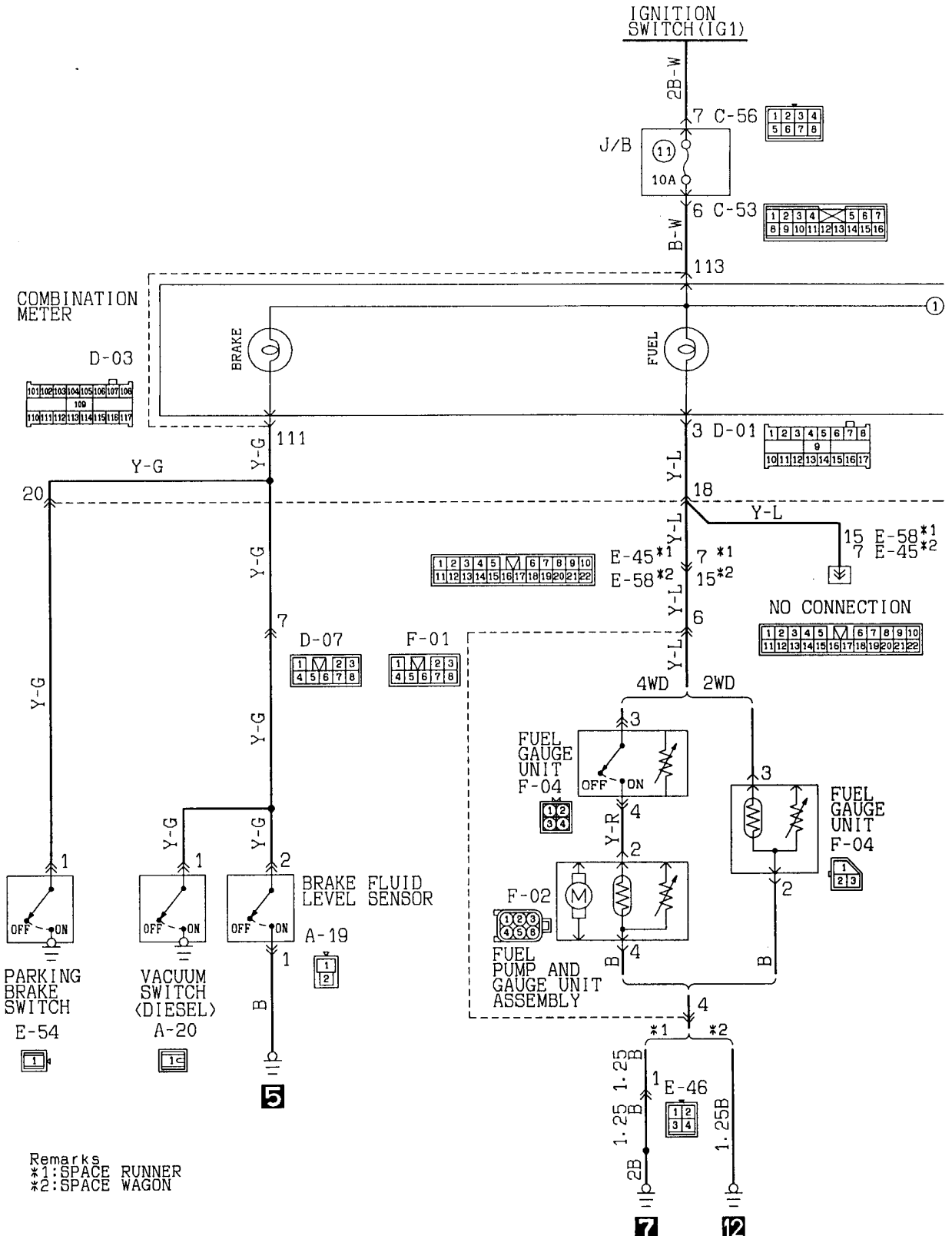
Wire colour code	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
B:Black	LG:Light green	R:Red	P:Pink	V:Violet	
BR:Brown	O:Orange	GR:Gray			



Remarks
 *1: Vehicles without jumper connector (D:20).
 *2: Vehicles with jumper connector (D:20).
 *3: SPACE RUNNER (LHD)
 *4: SPACE WAGON (LHD)
 *5: SPACE RUNNER (RHD) and SPACE WAGON

BRAKE WARNING LAMP

FUEL WARNING LAMP
L.H. drive Vehicles

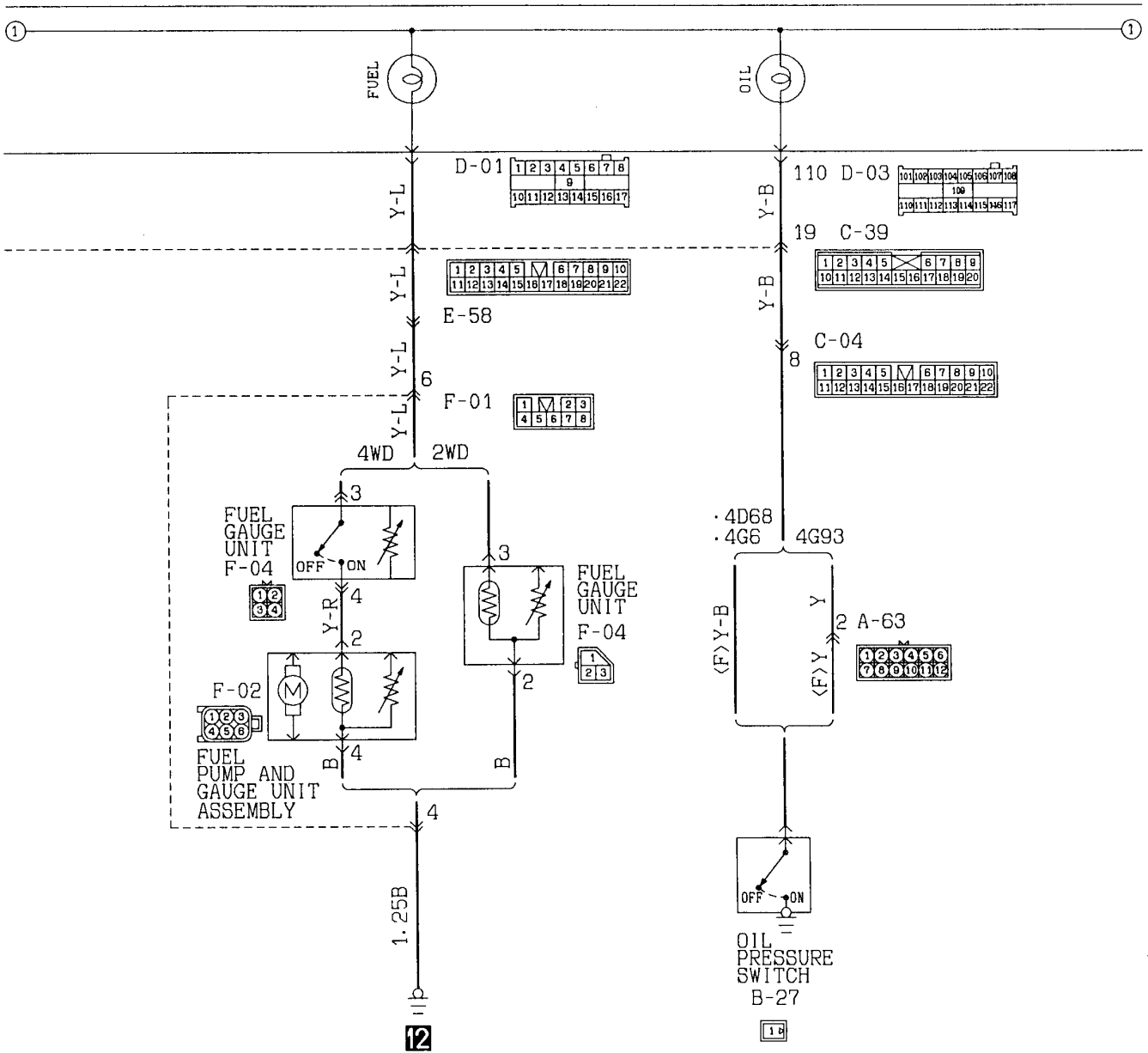


Remarks
*1: SPACE RUNNER
*2: SPACE WAGON

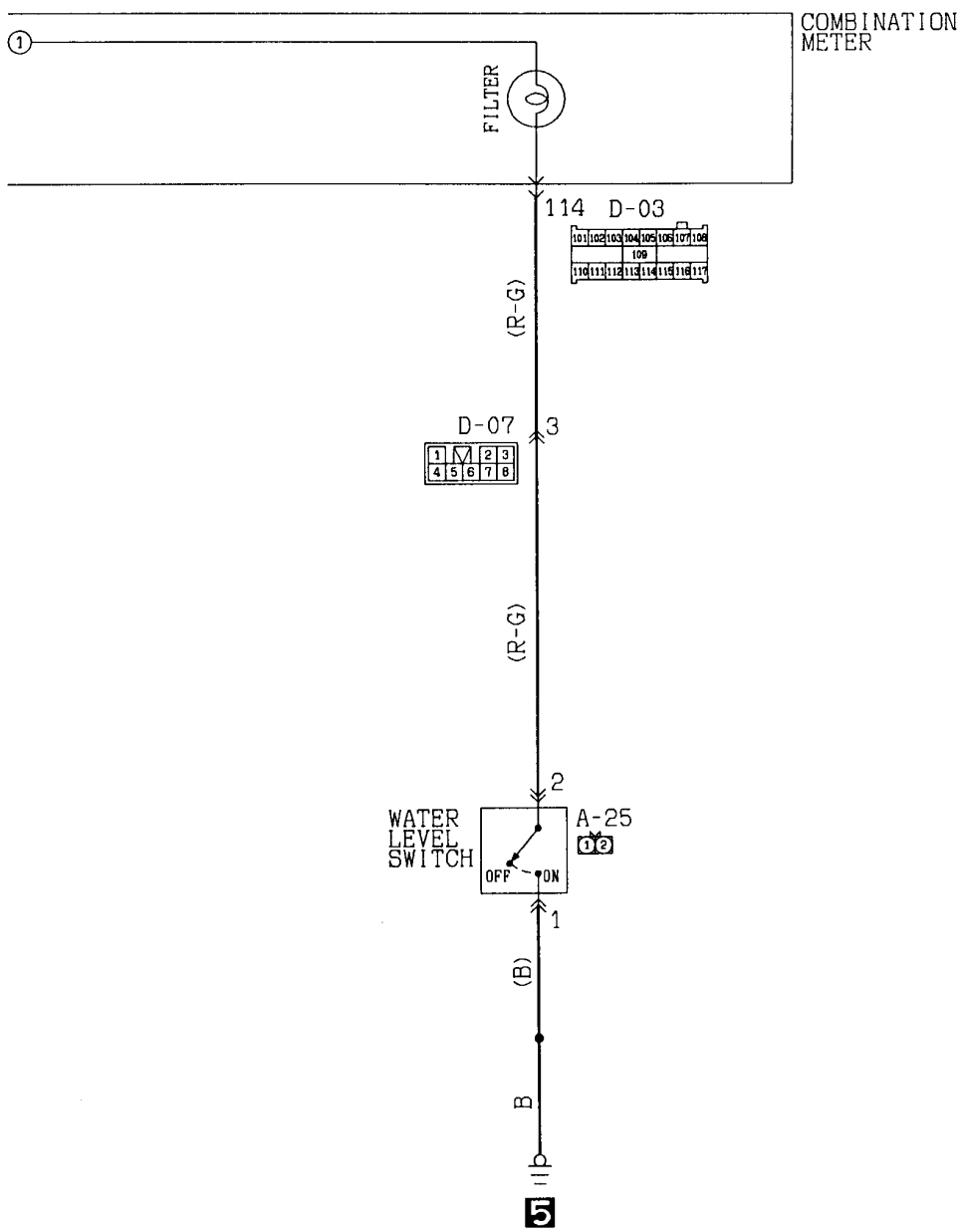
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

FUEL WARNING LAMP
R. H. drive vehicles

OIL PRESSURE WARNING LAMP



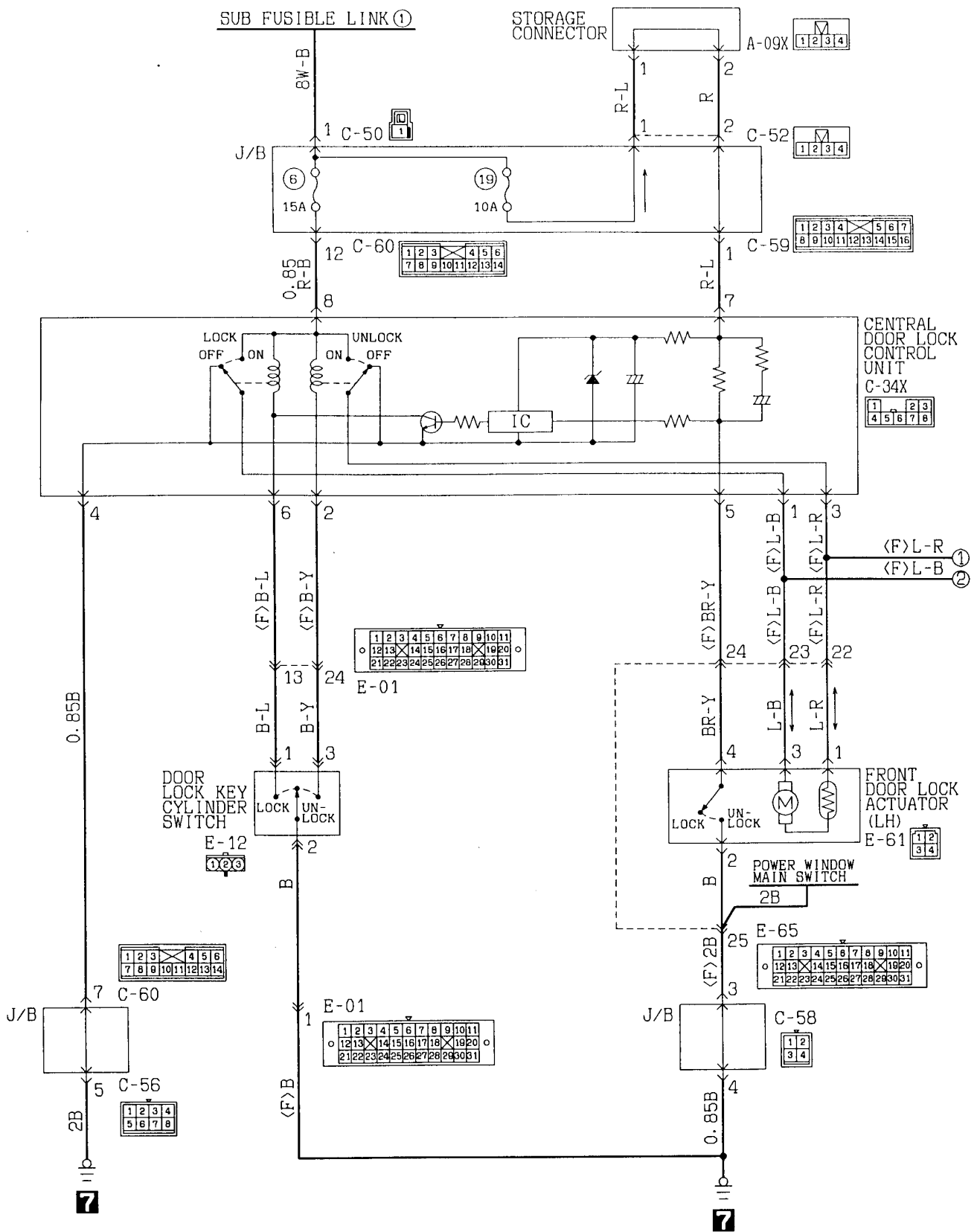
FUEL FILTER WARNING LAMP

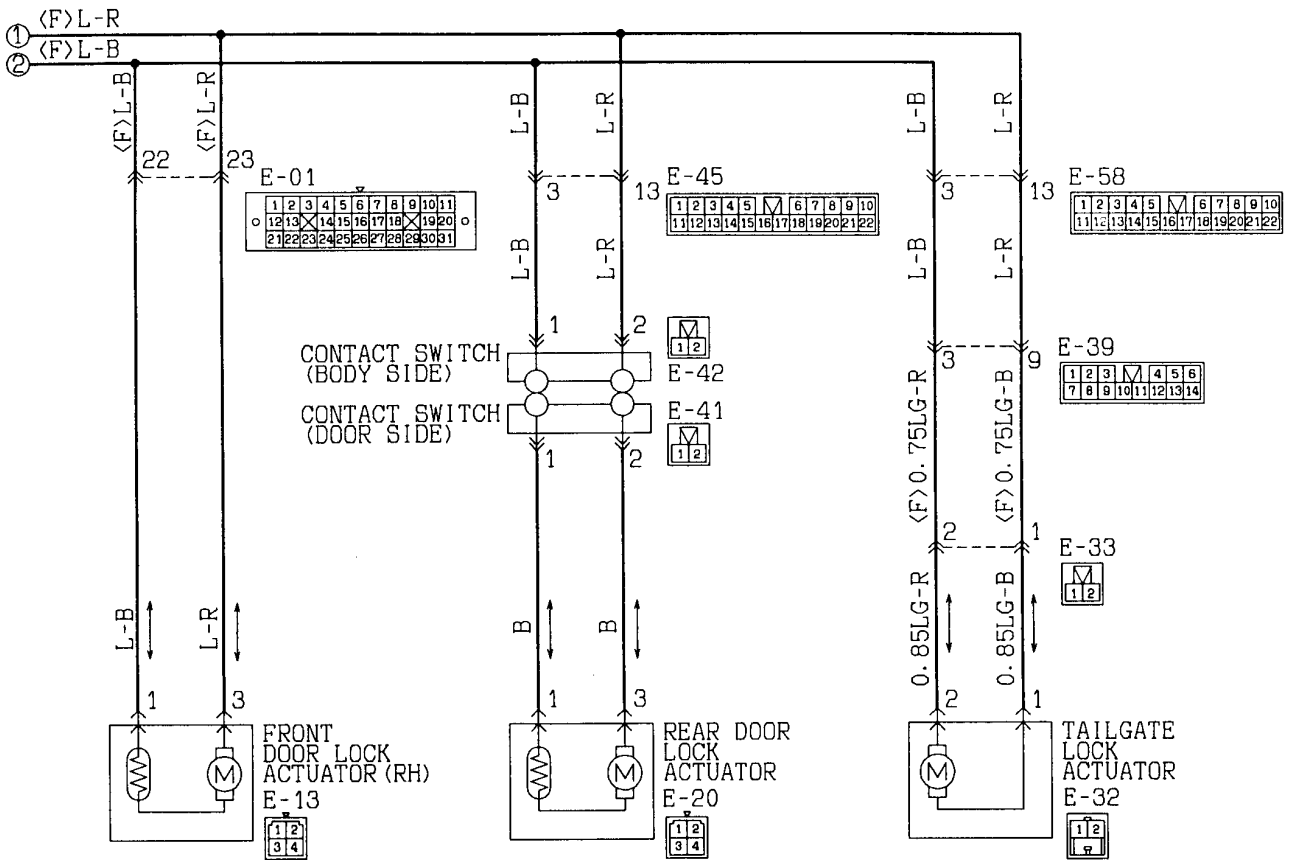


KX35-AC-21015A-EC Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

NOTES

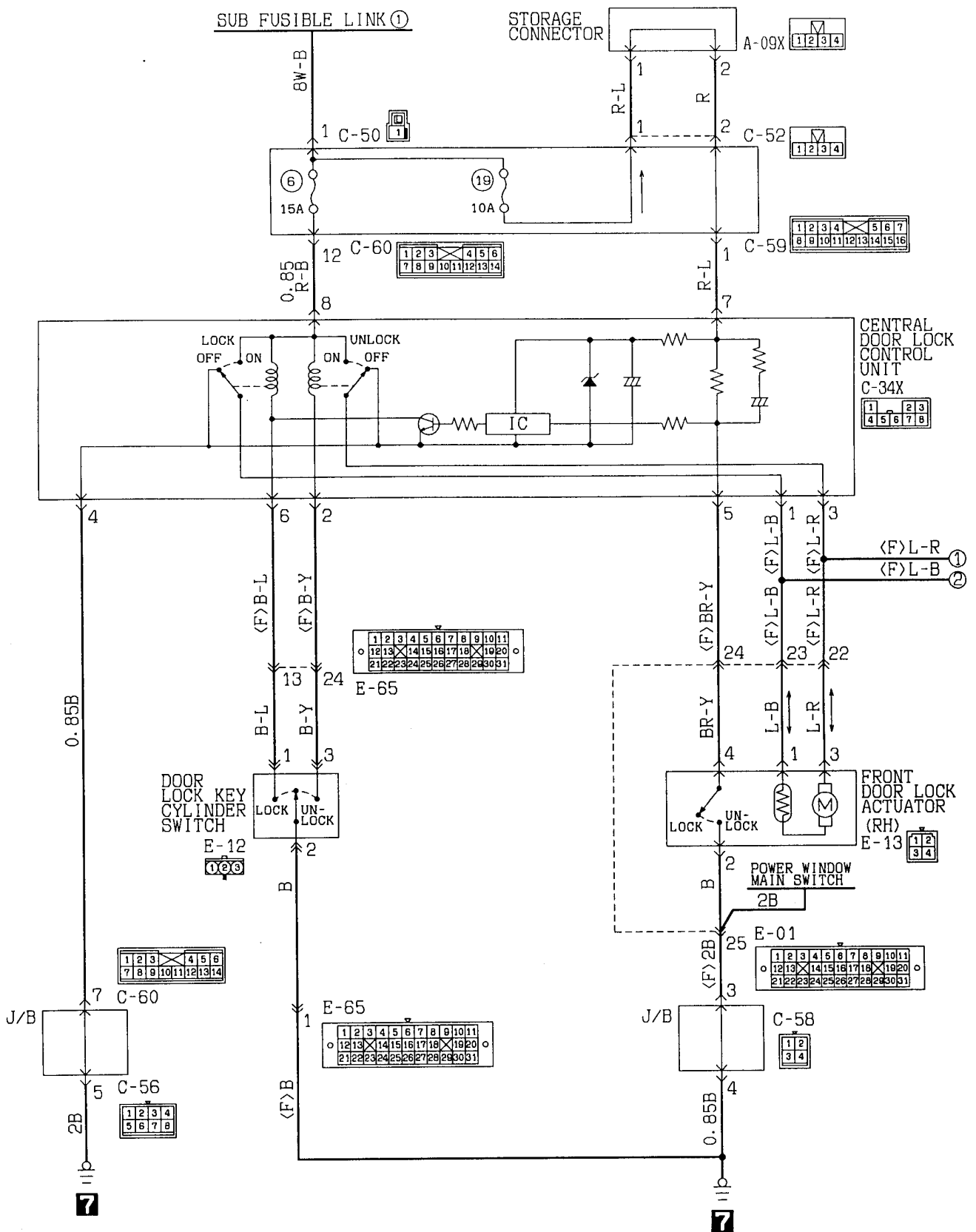
CENTRAL DOOR LOCKING SYSTEM SPACE RUNNER<L.H. drive vehicles>

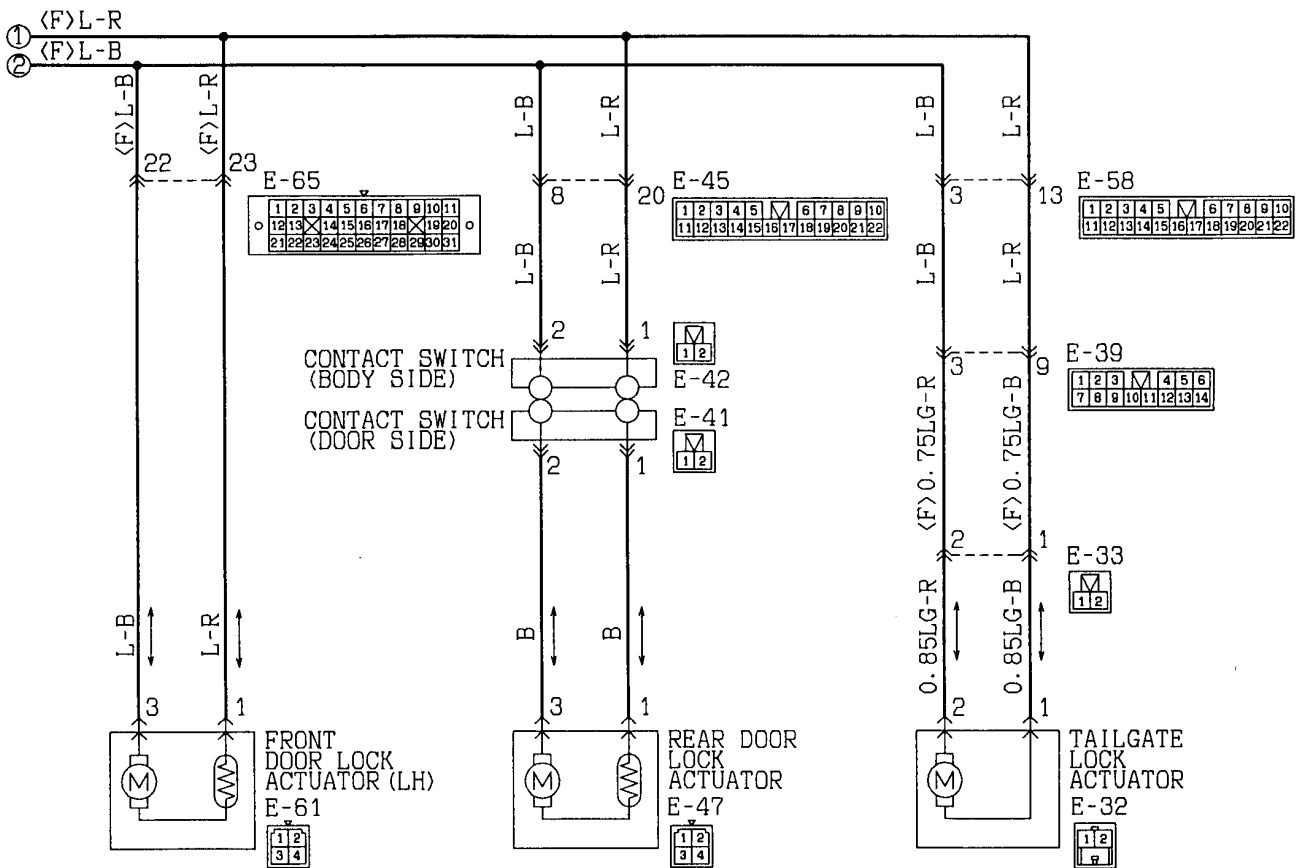




Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

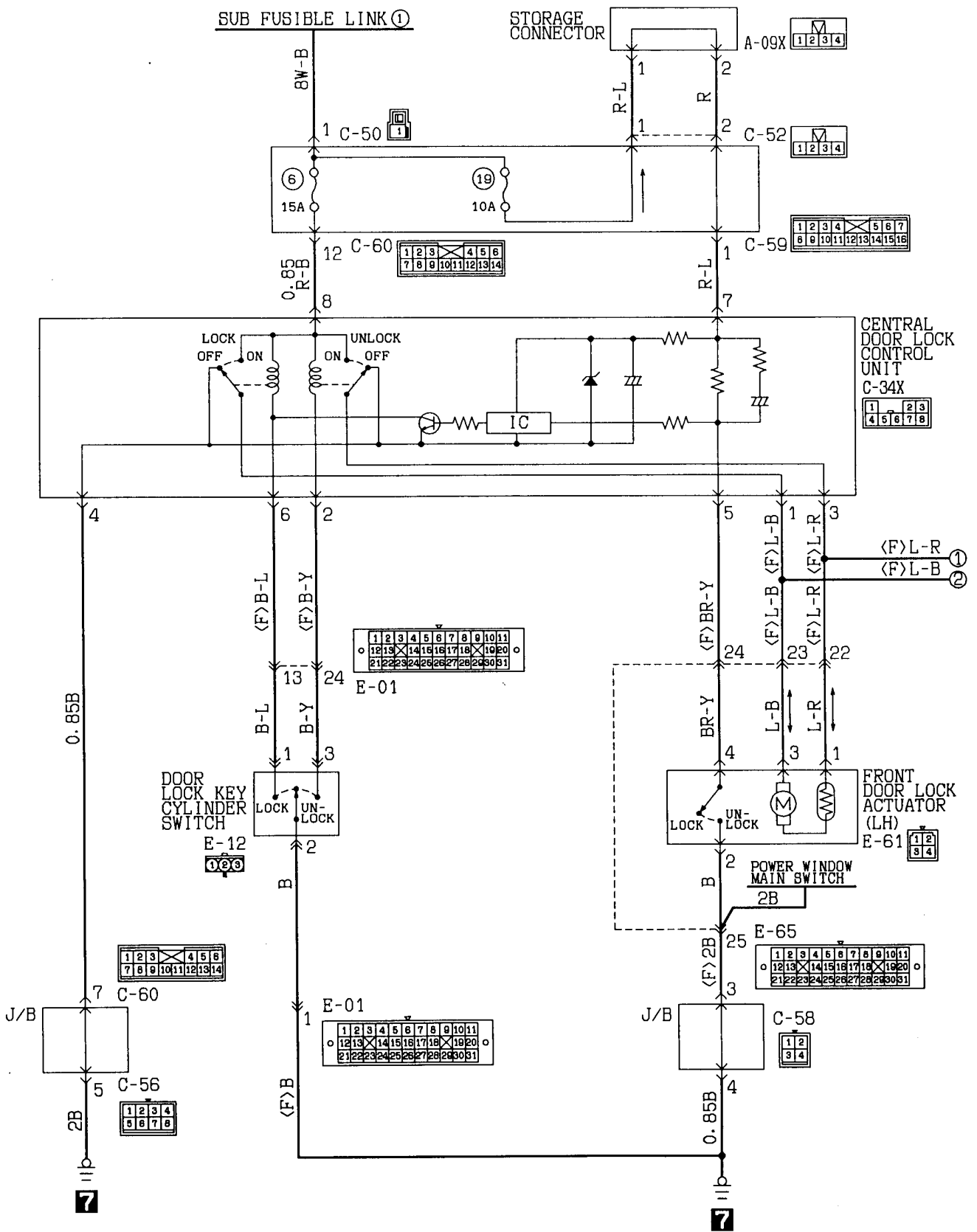
CENTRAL DOOR LOCKING SYSTEM
SPACE RUNNER (R. H. drive vehicles)

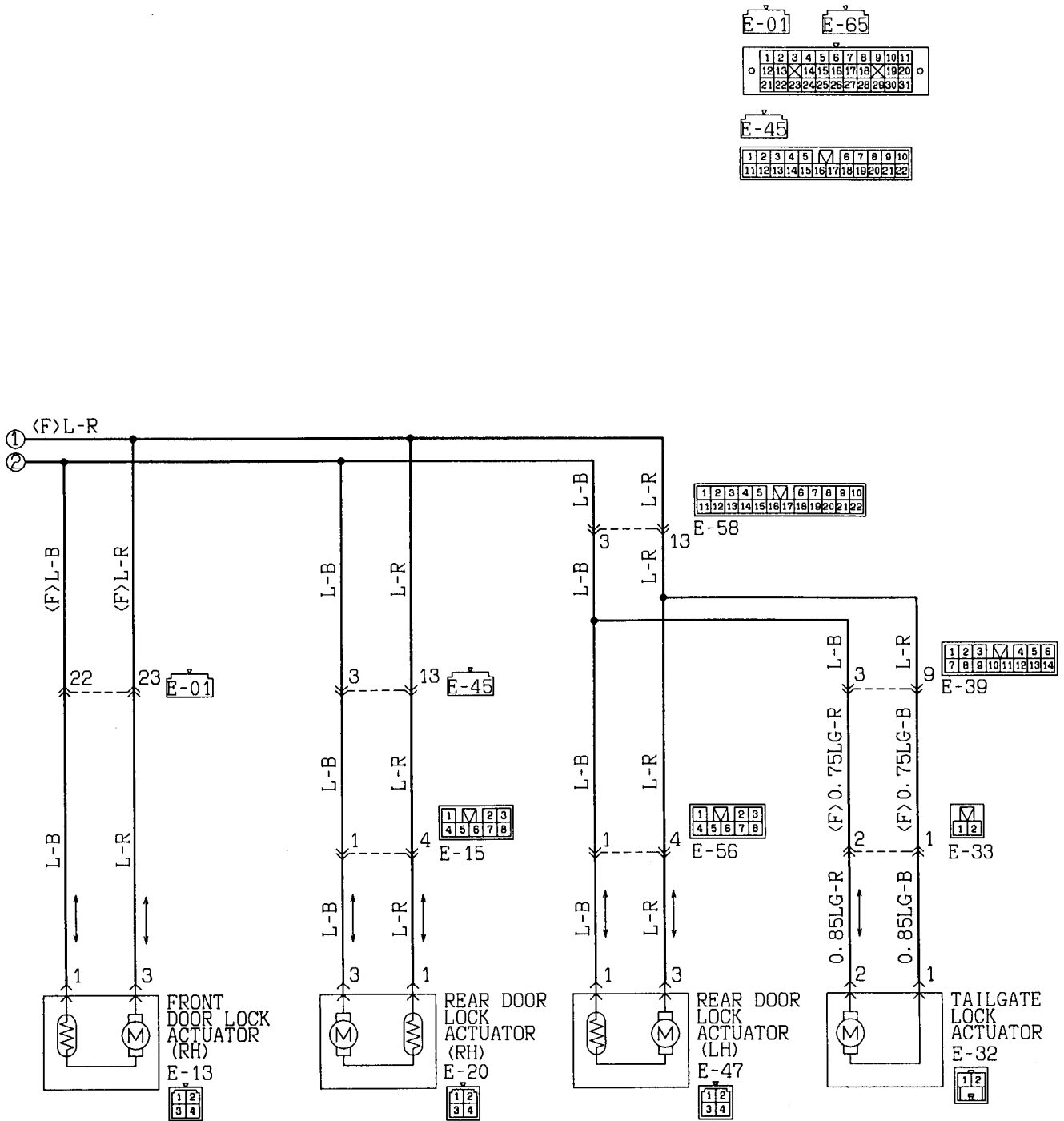




Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

CENTRAL DOOR LOCKING SYSTEM
SPACE WAGON<L.H. drive vehicles>

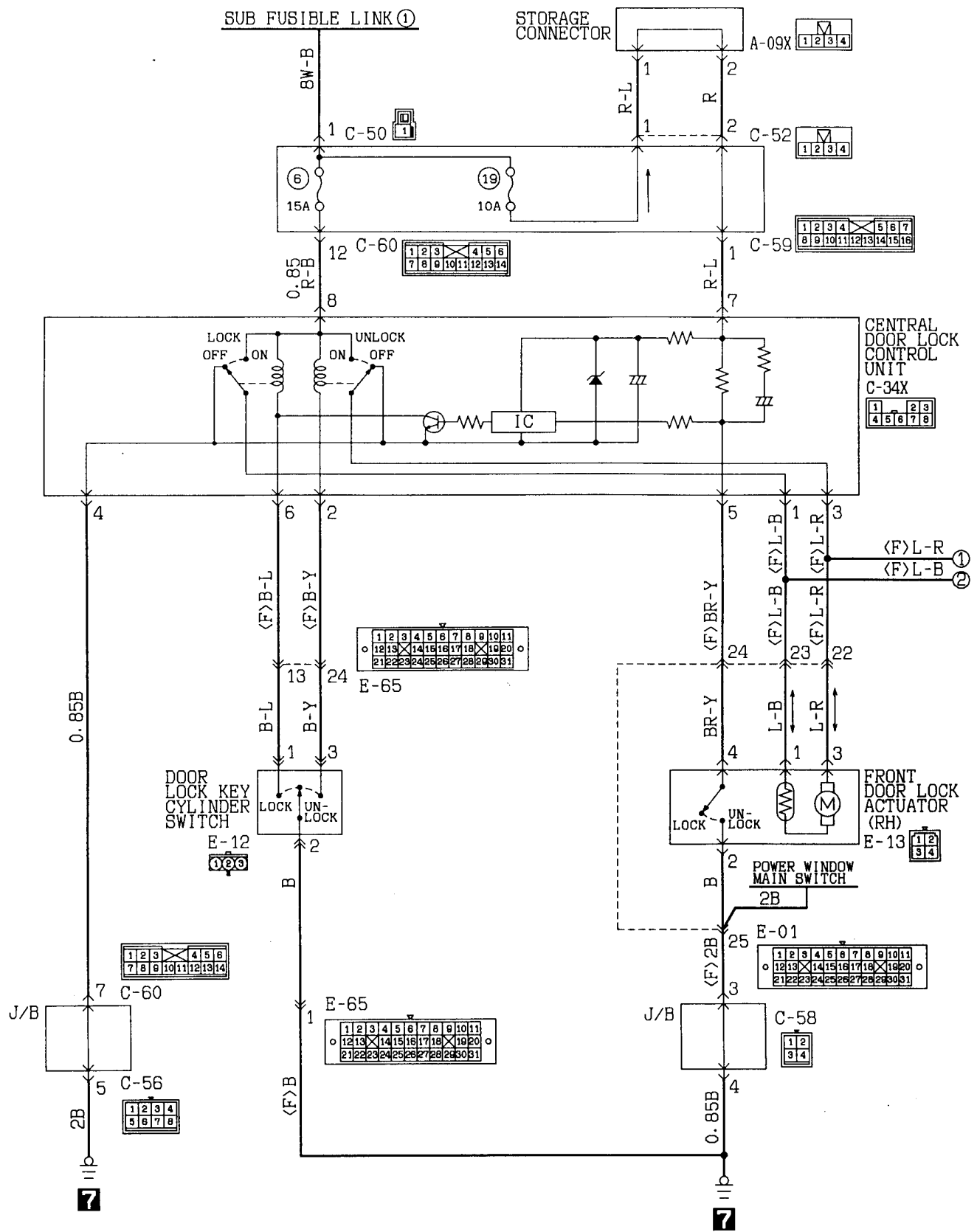


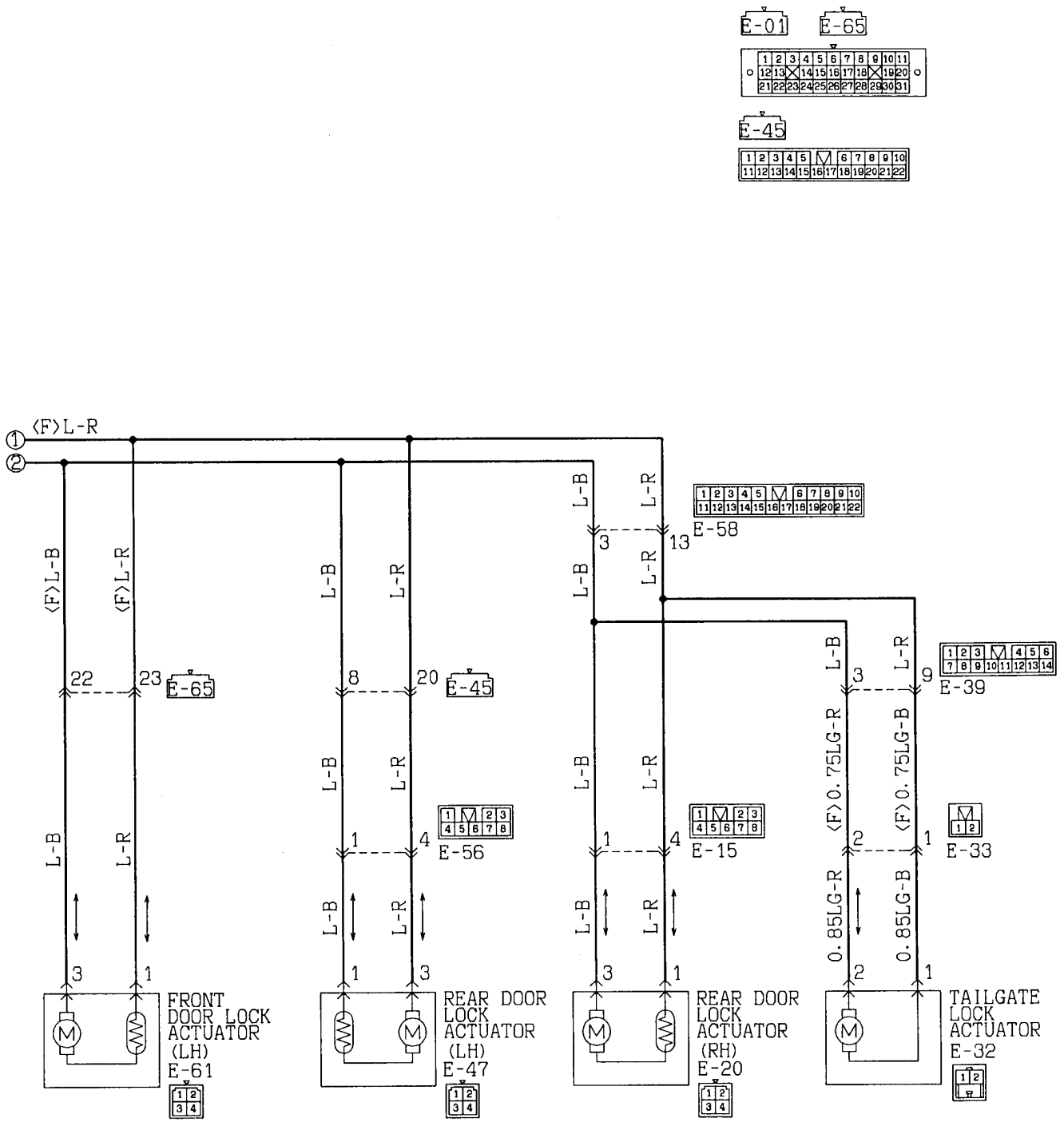


Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

CENTRAL DOOR LOCKING SYSTEM

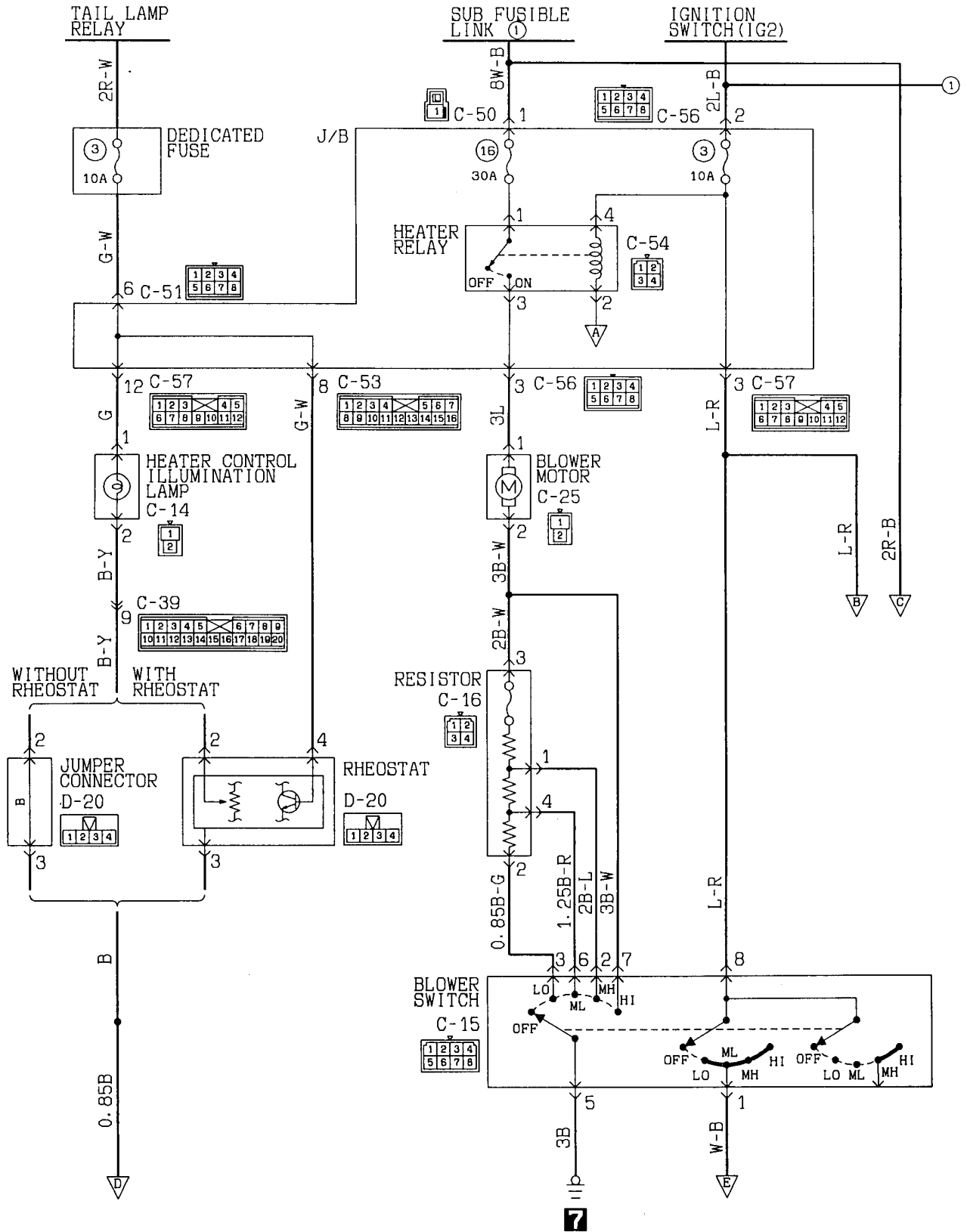
SPACE WAGON (R. H. drive vehicles)

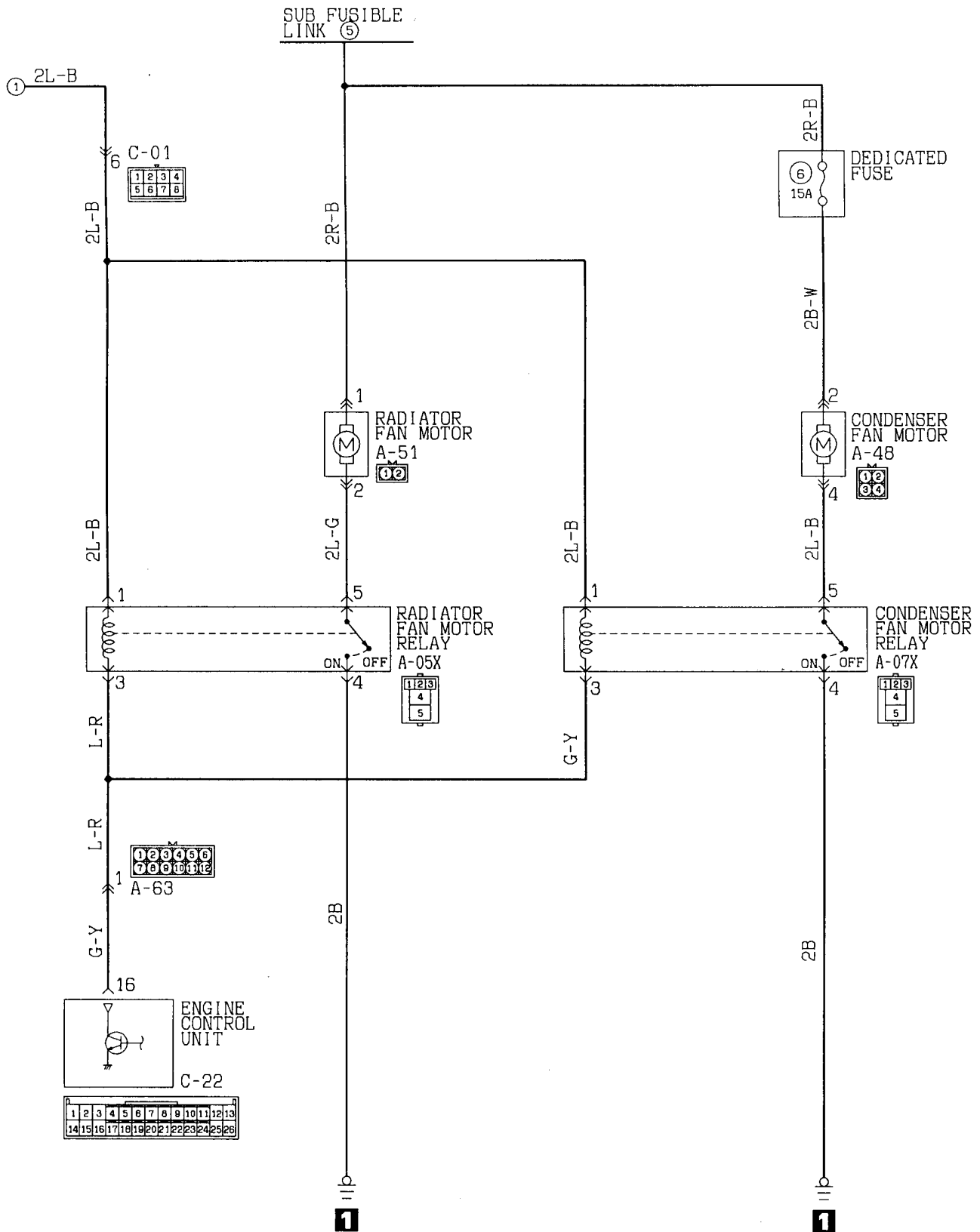




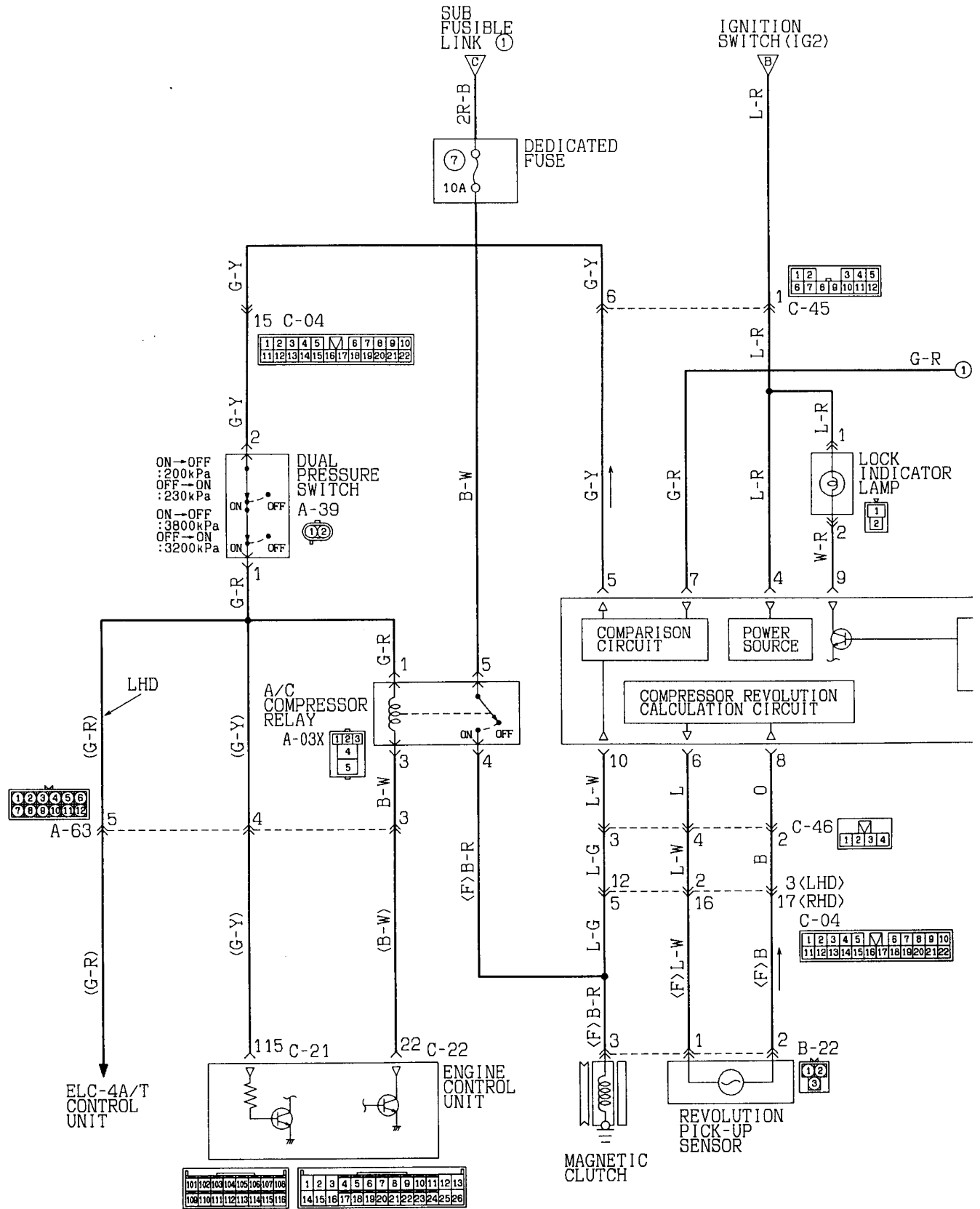
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

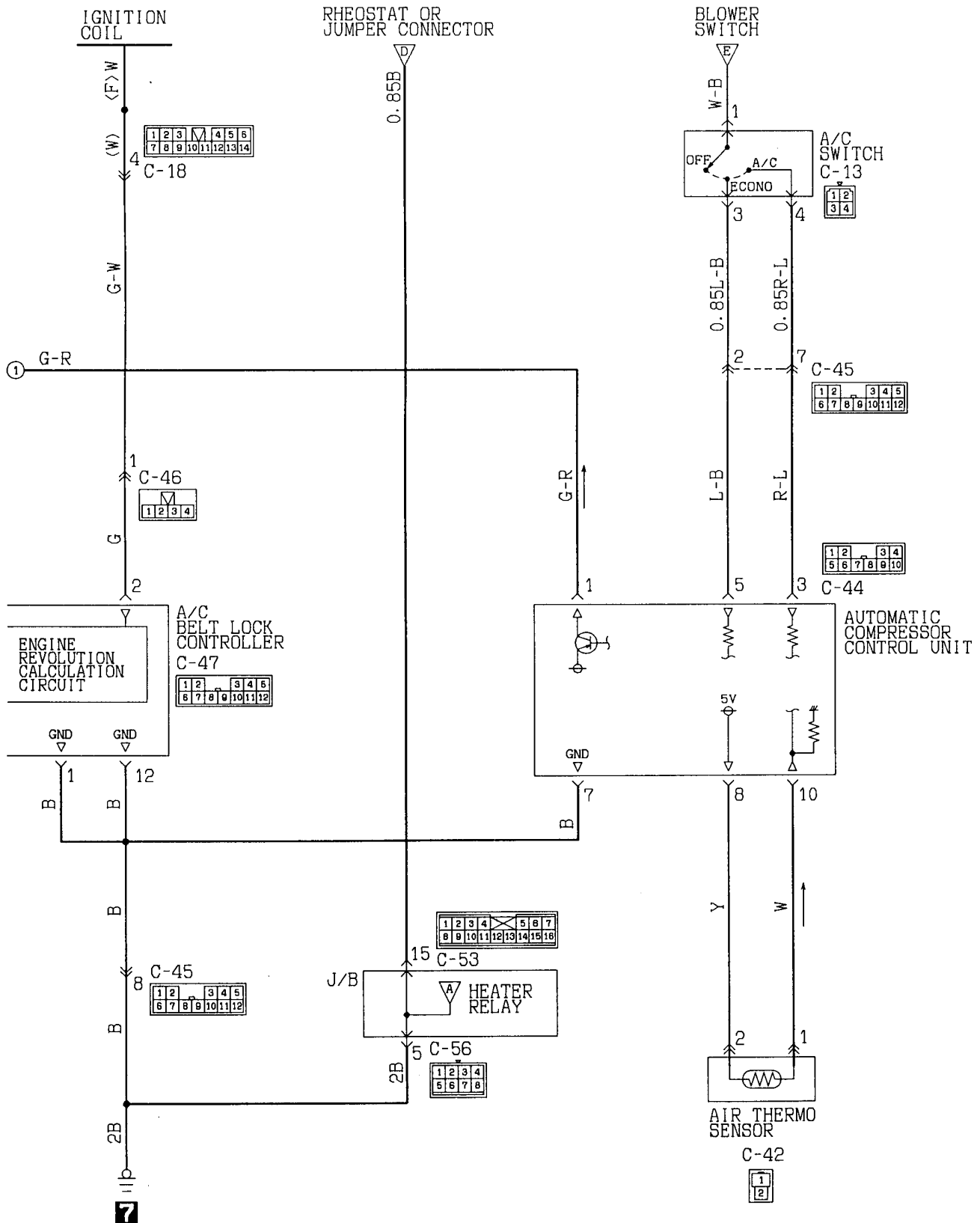
HEATER AND AIR CONDITIONER
4G93





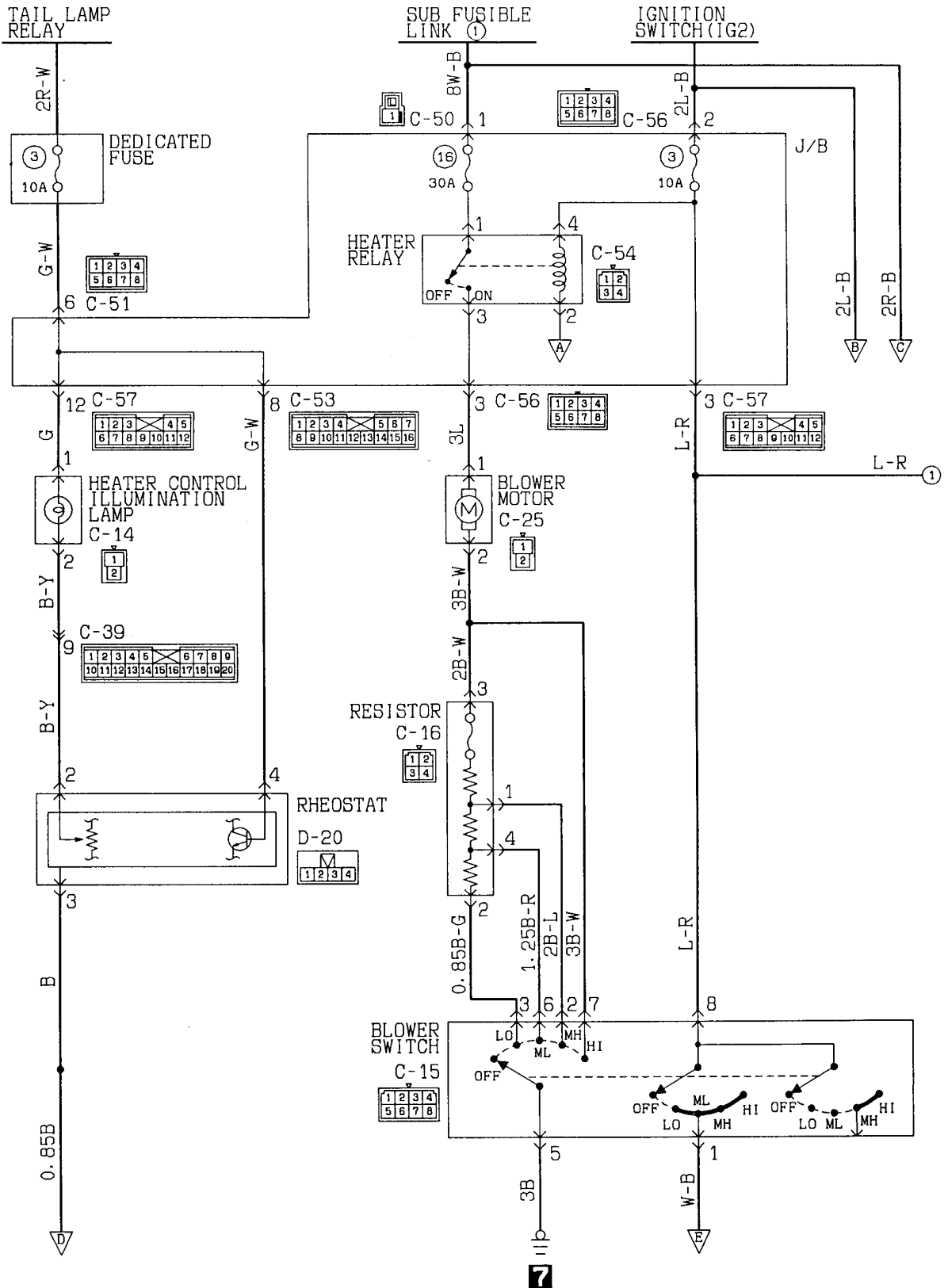
Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

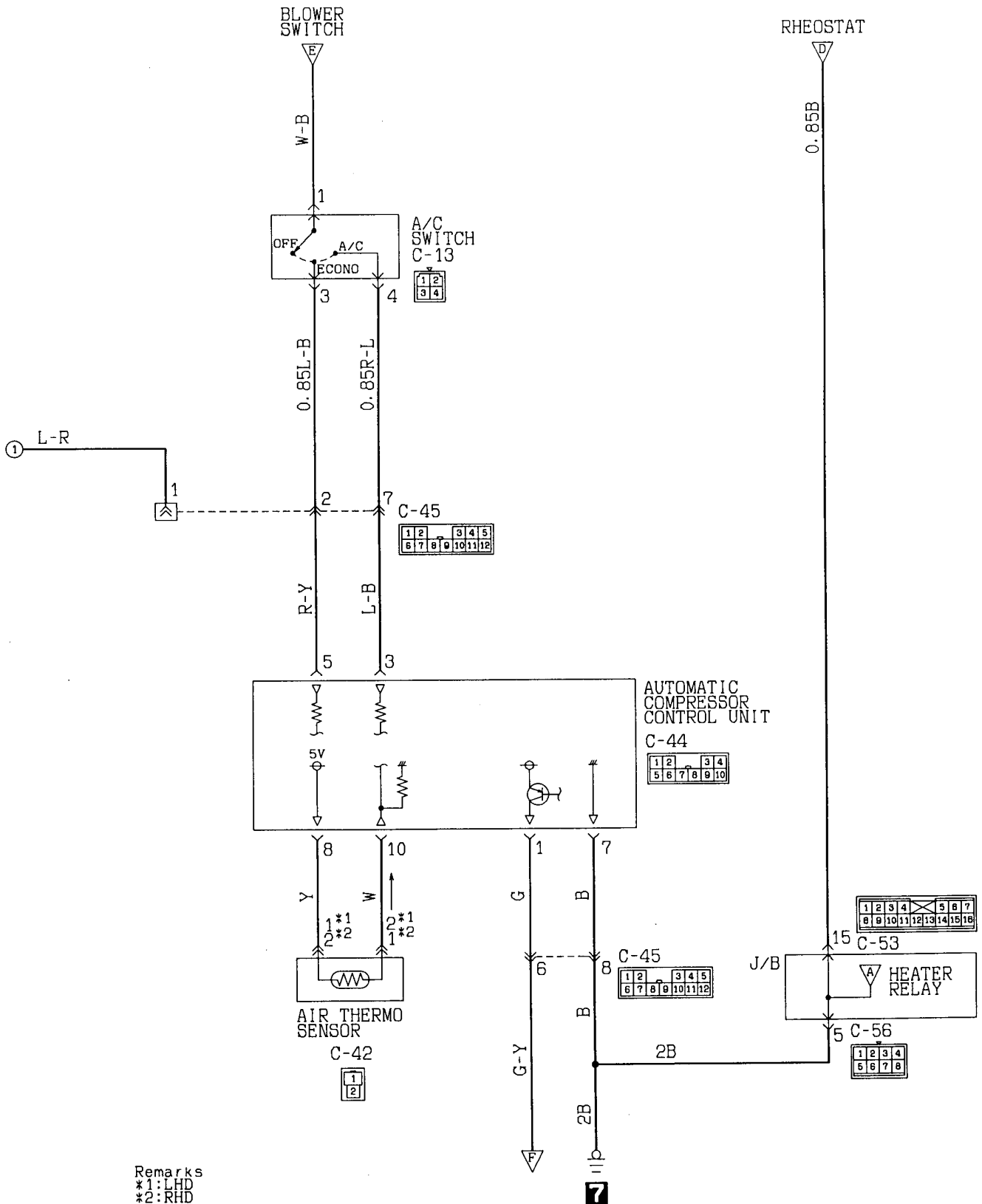




Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

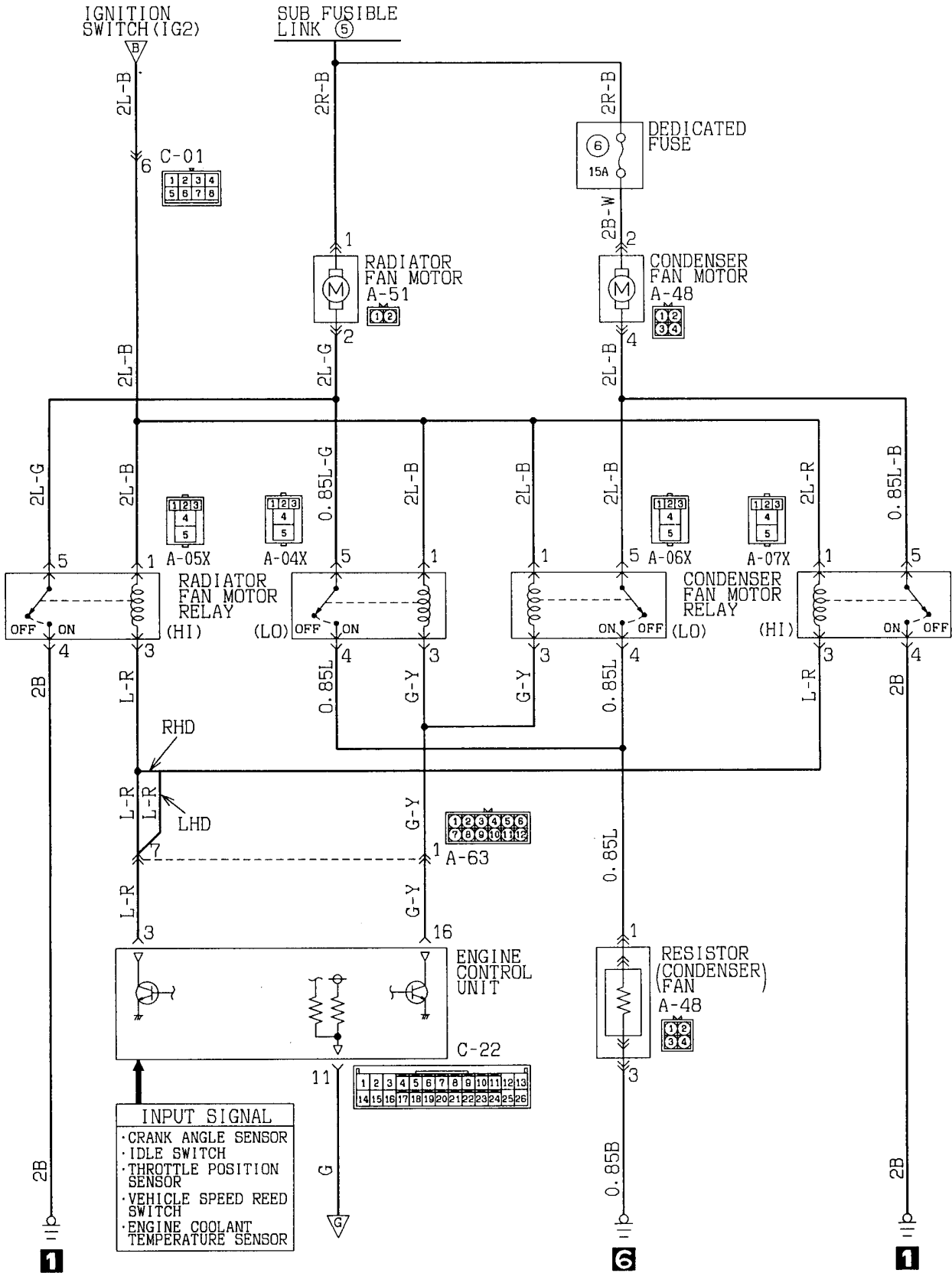
HEATER AND AIR CONDITIONER 4G63 and 4G64

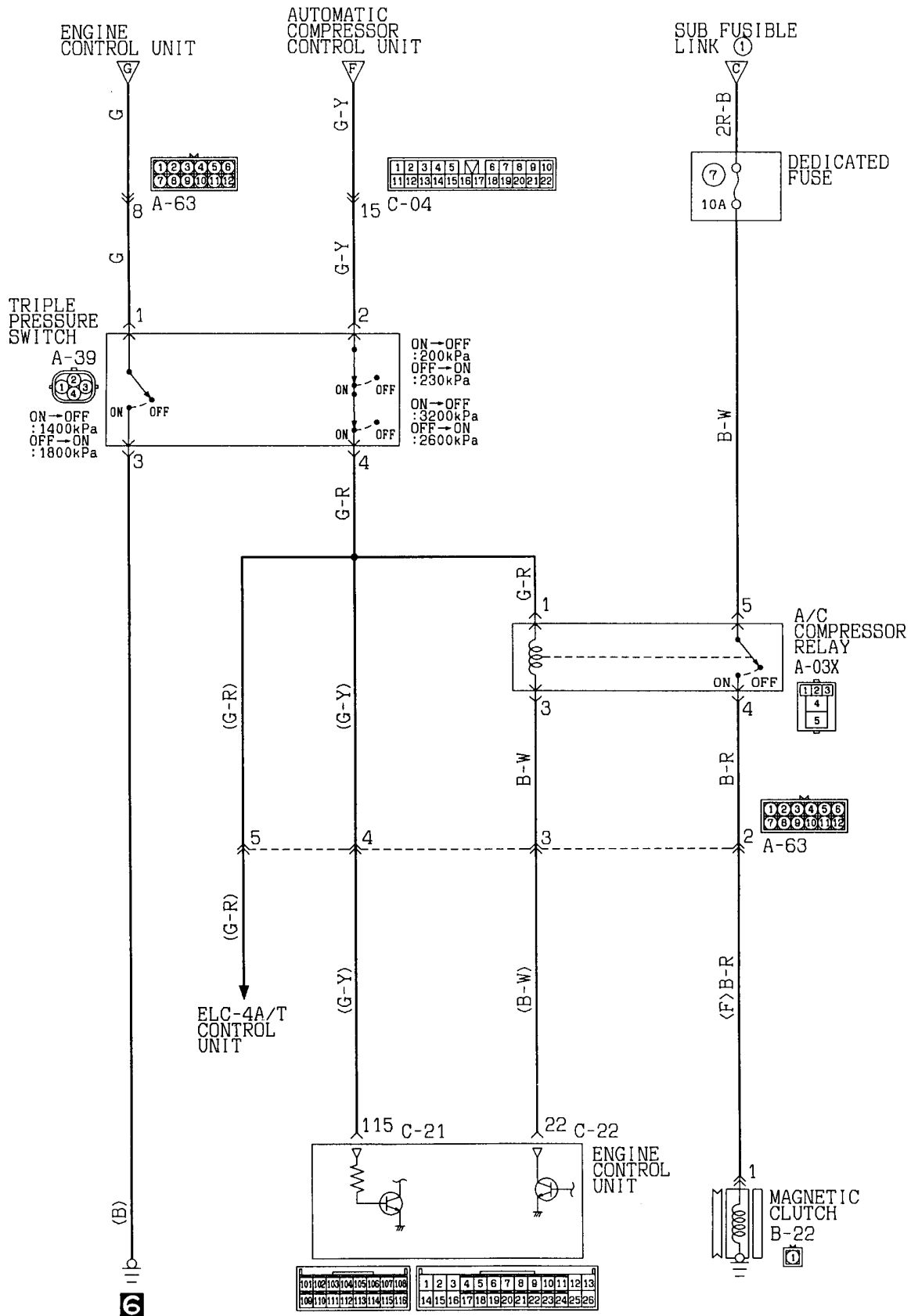




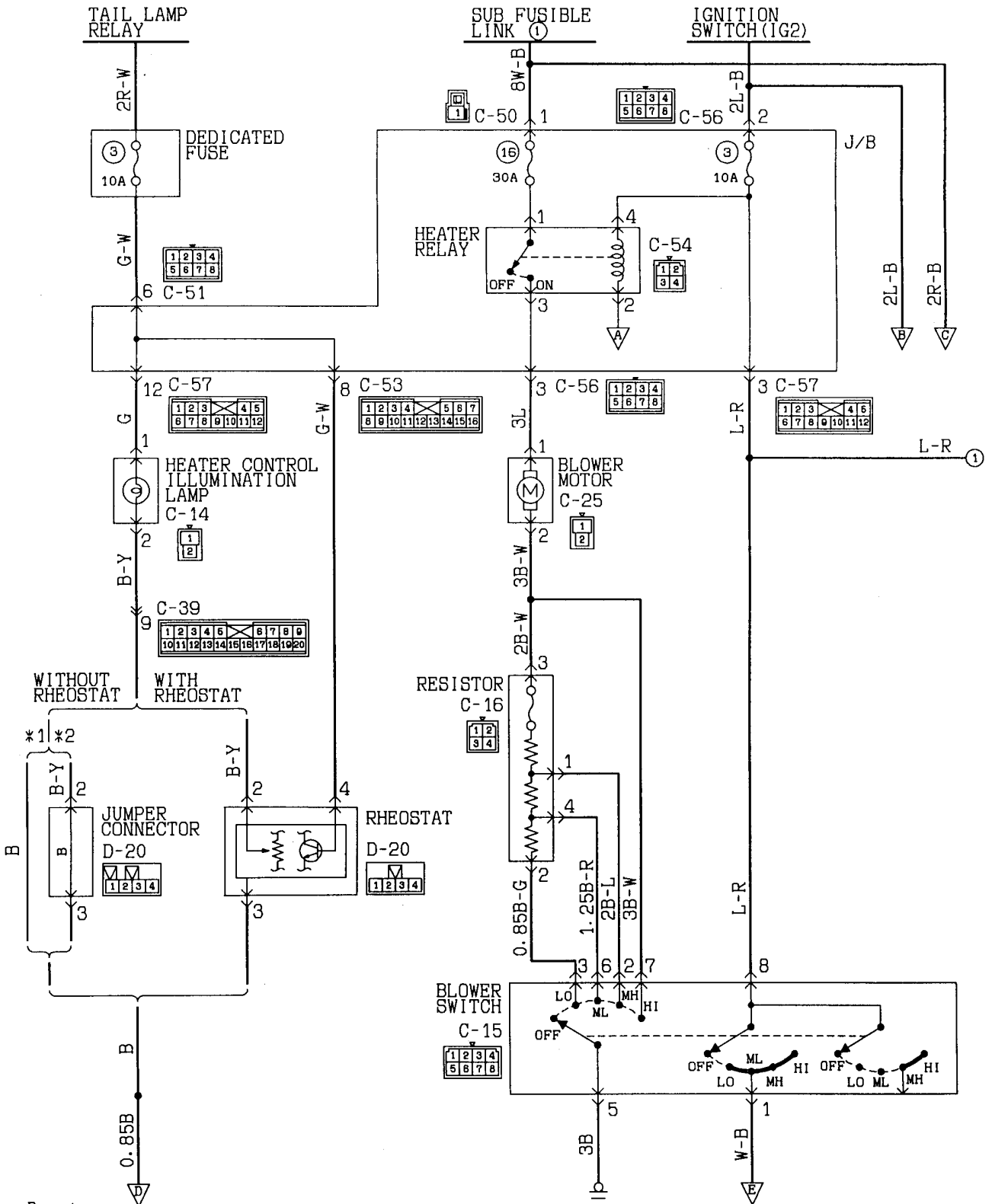
Remarks
 *1: LHD
 *2: RHD

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

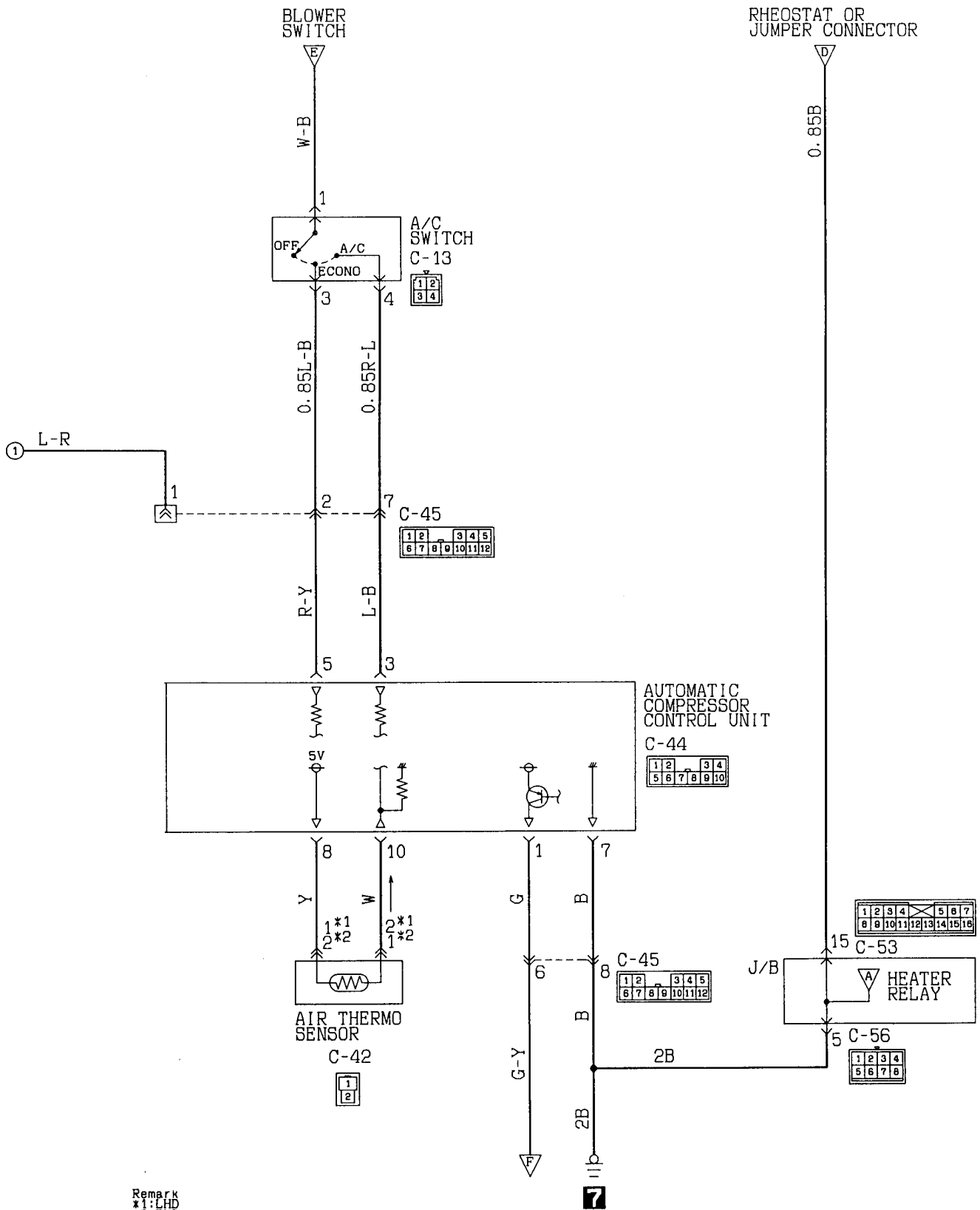




HEATER AND AIR CONDITIONER
4D68

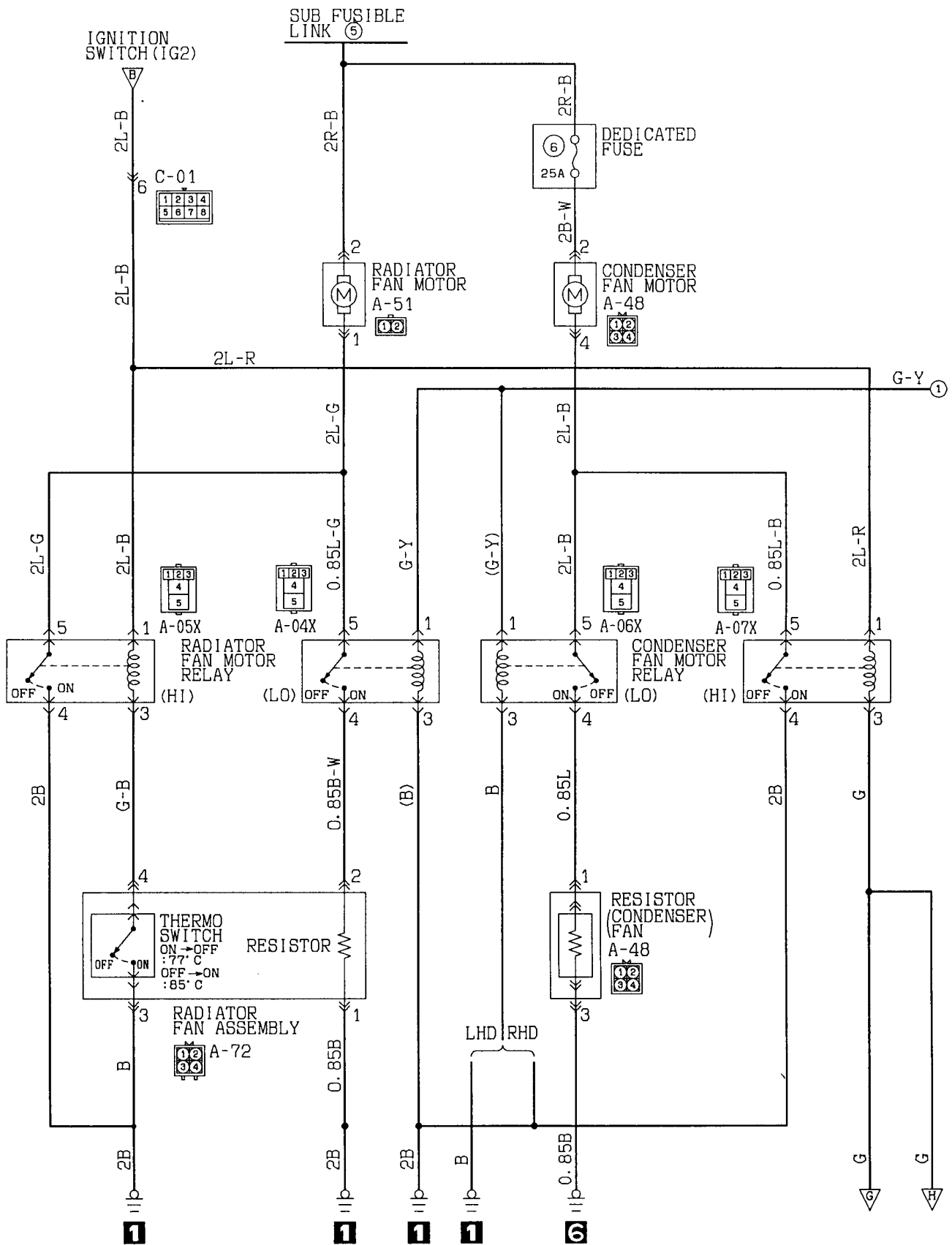


Remarks
 *1: Vehicles without jumper connector (D-20)
 *2: Vehicles with jumper connector (D-20)

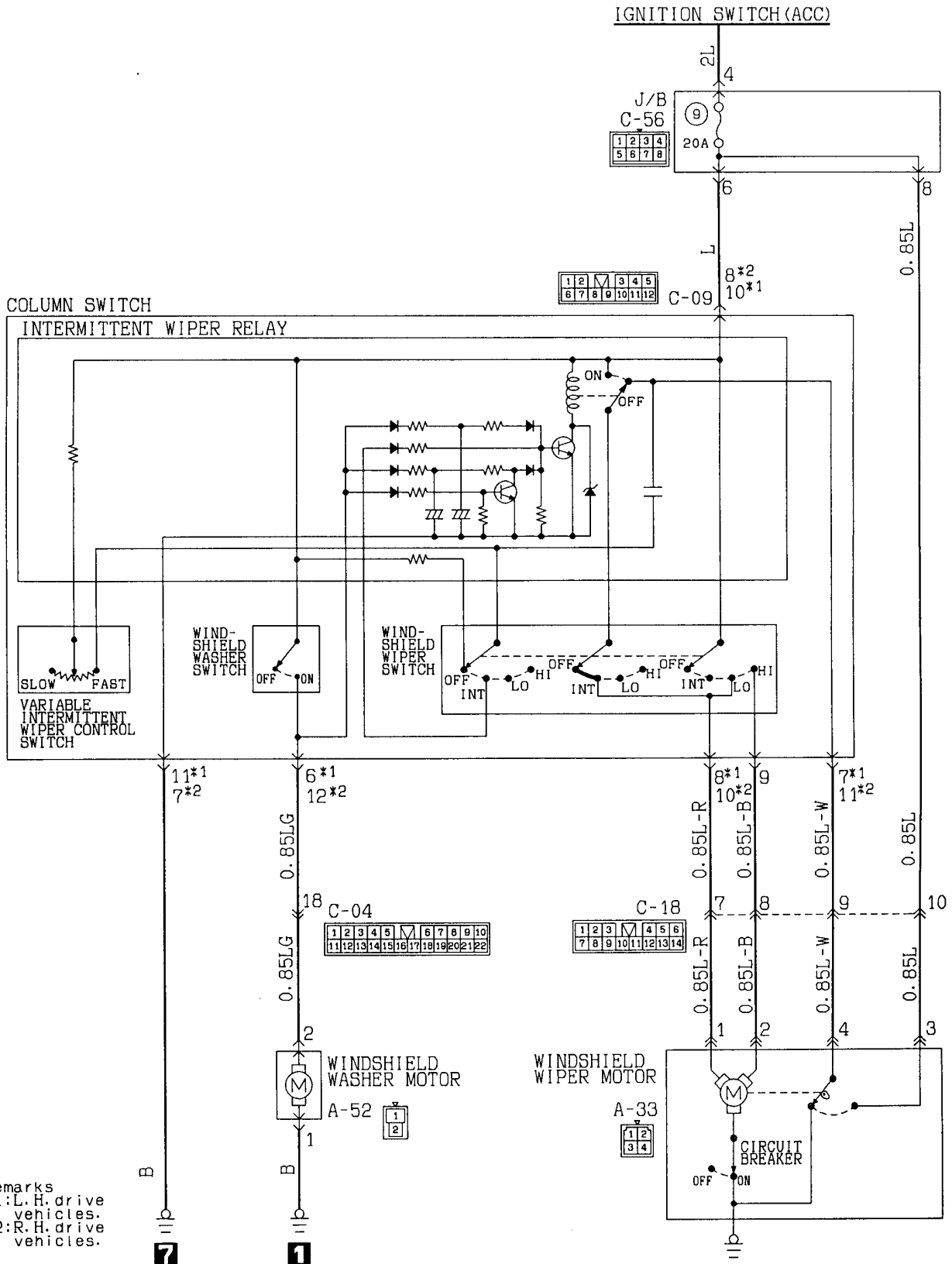


Remark
 *1: LHD
 *2: RHD

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

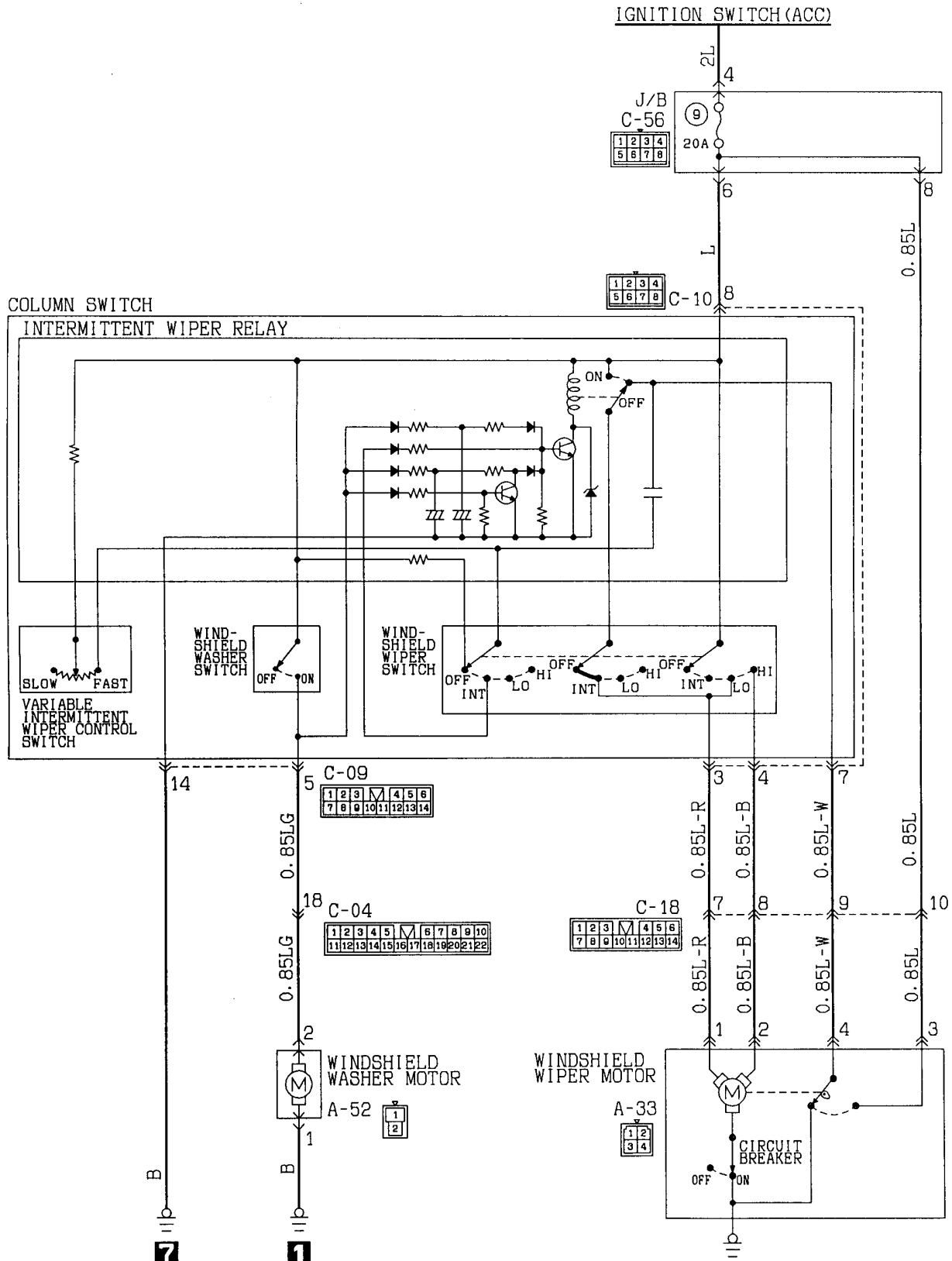


WINDSHIELD WIPER AND WASHER
Vehicles with SRS



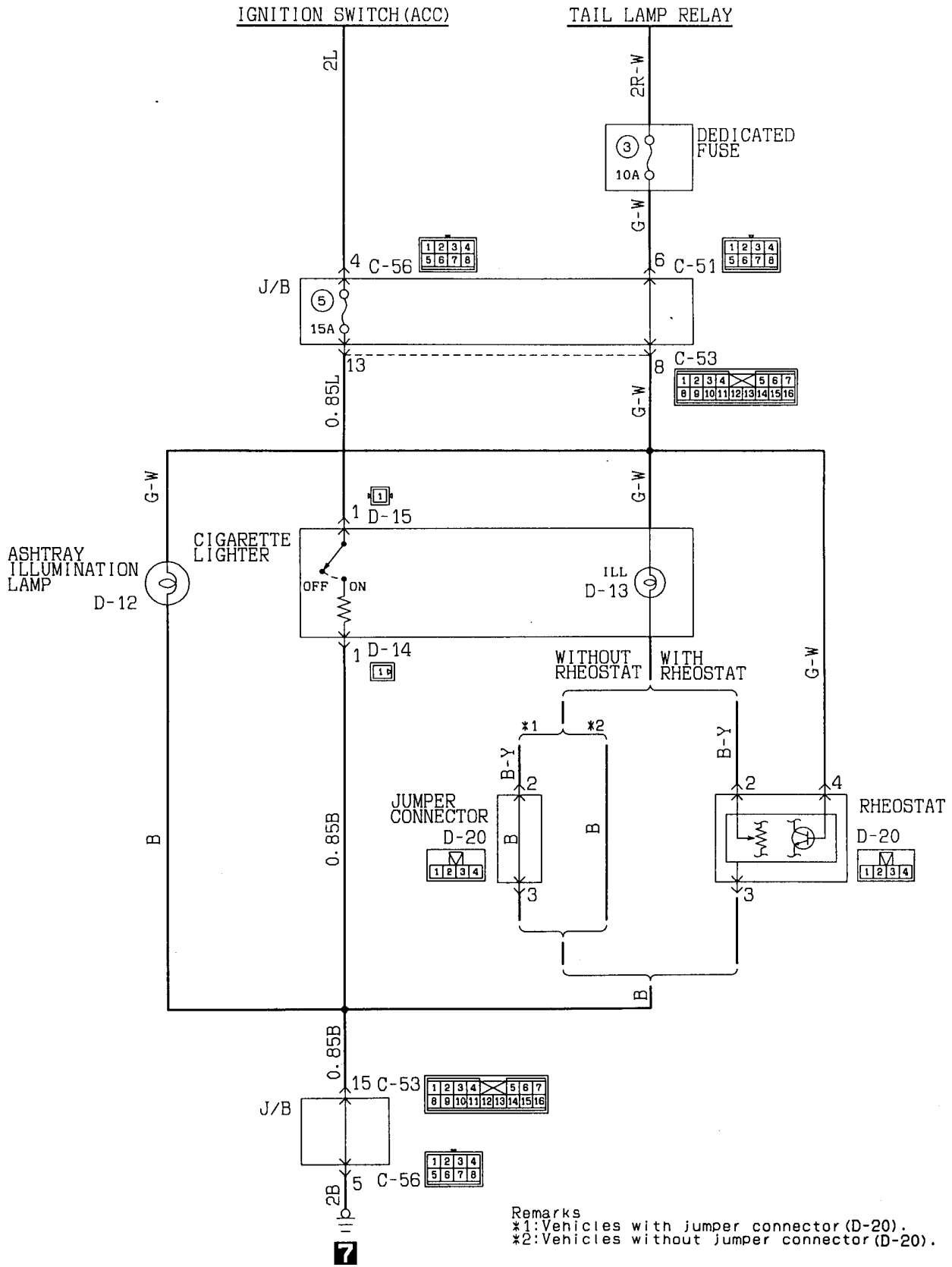
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

WINDSHIELD WIPER AND WASHER
Vehicles without SRS



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

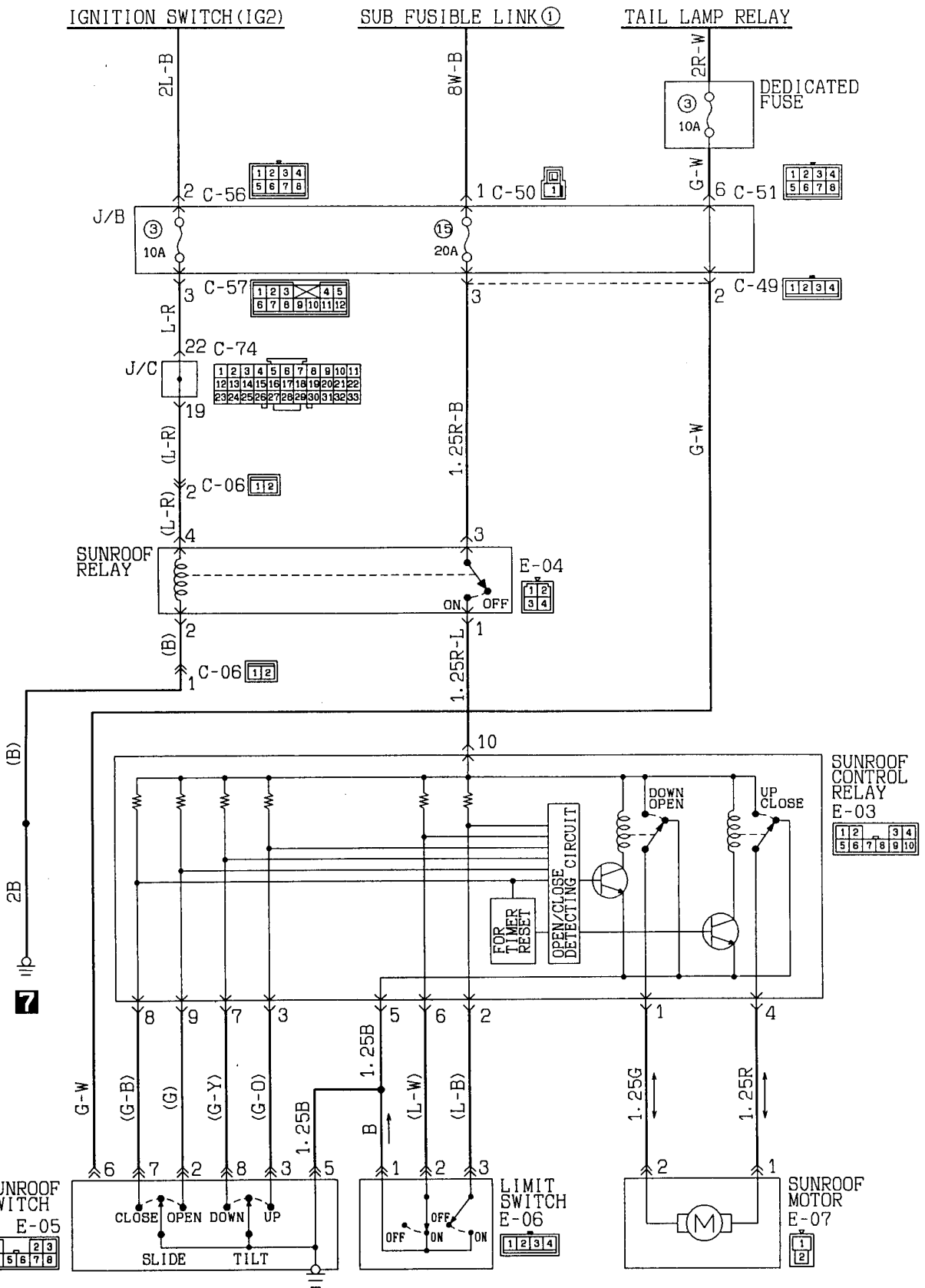
CIGARETTE LIGHTER



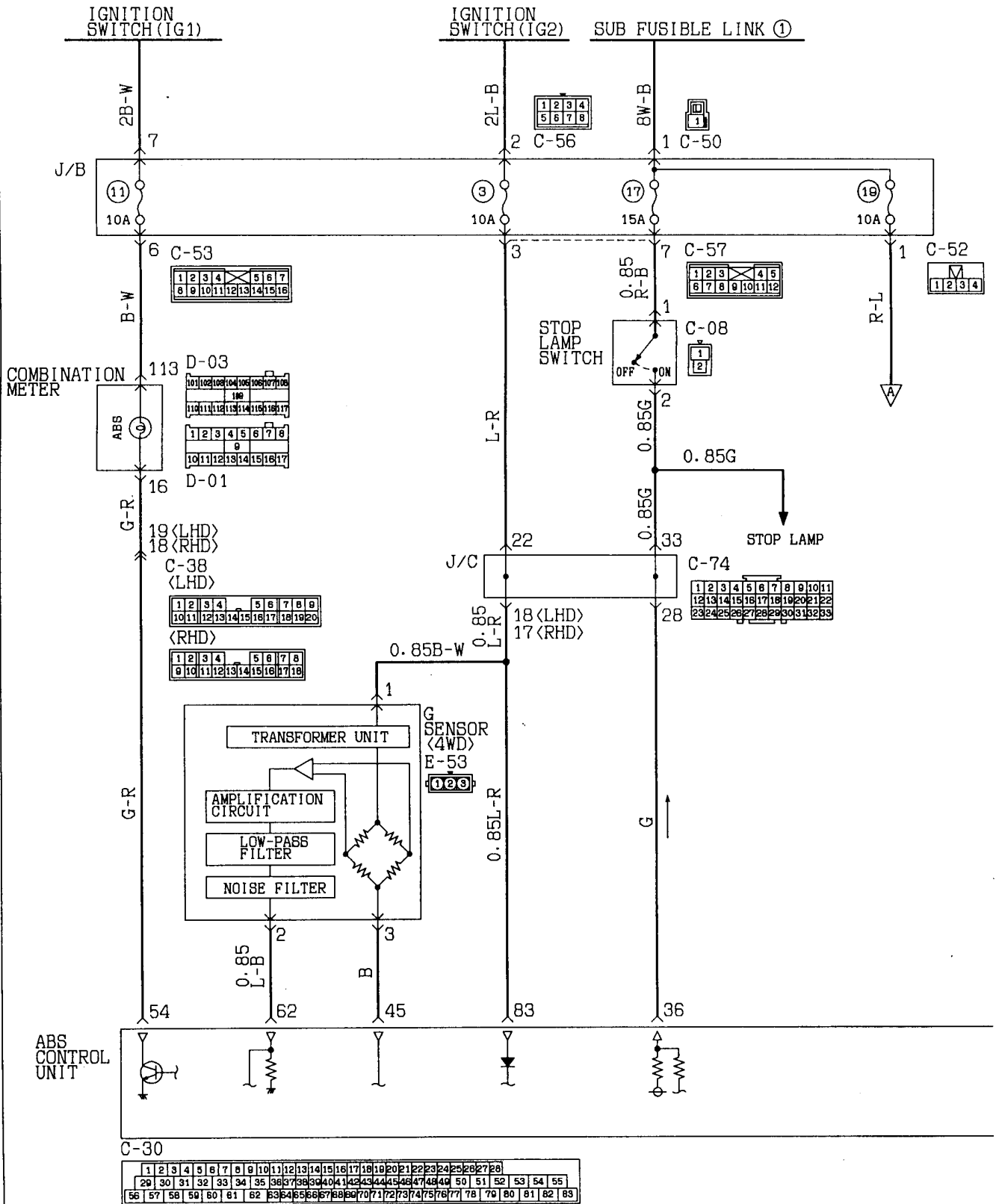
Remarks
 *1: Vehicles with jumper connector (D-20).
 *2: Vehicles without jumper connector (D-20).

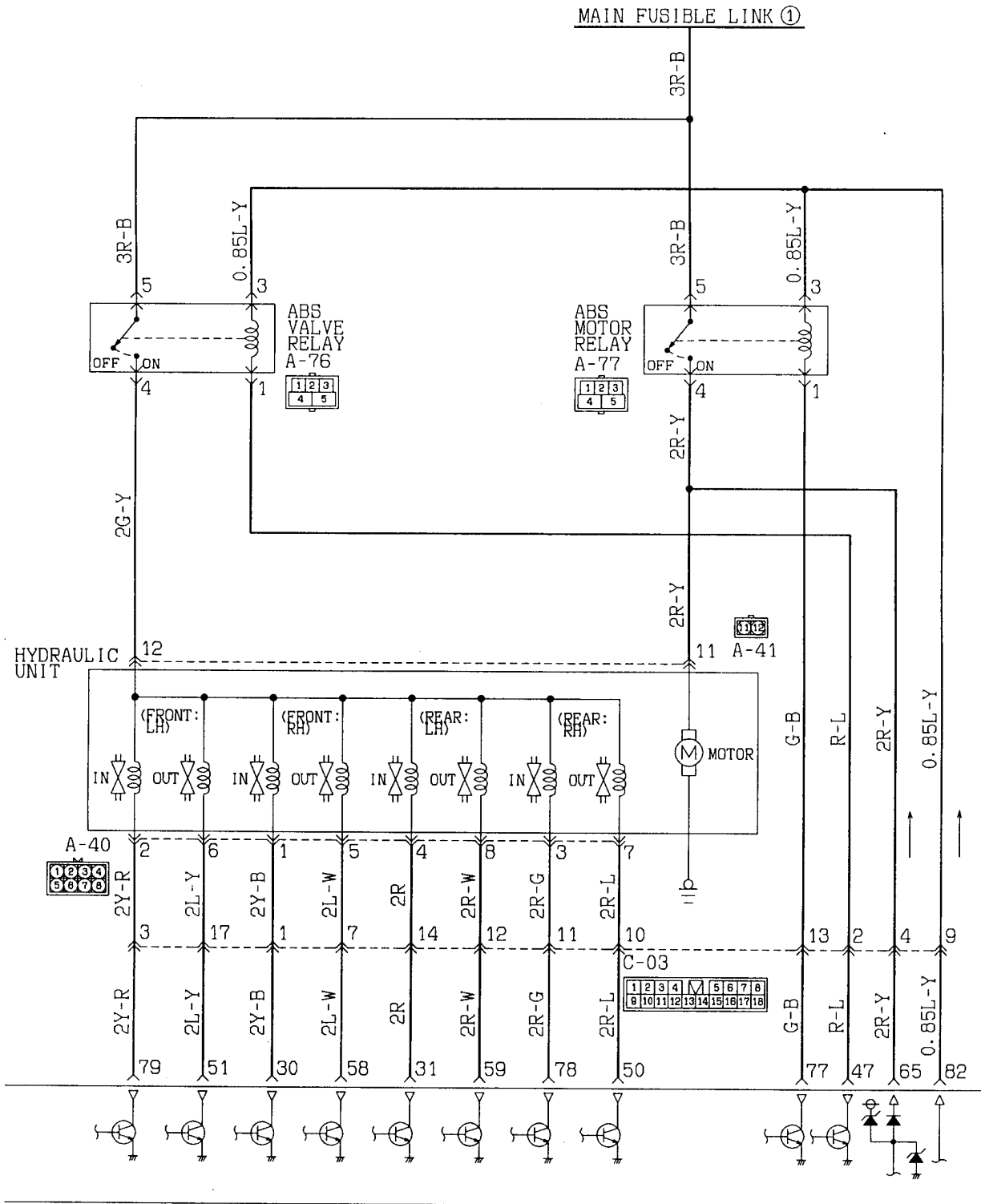
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

SUNROOF

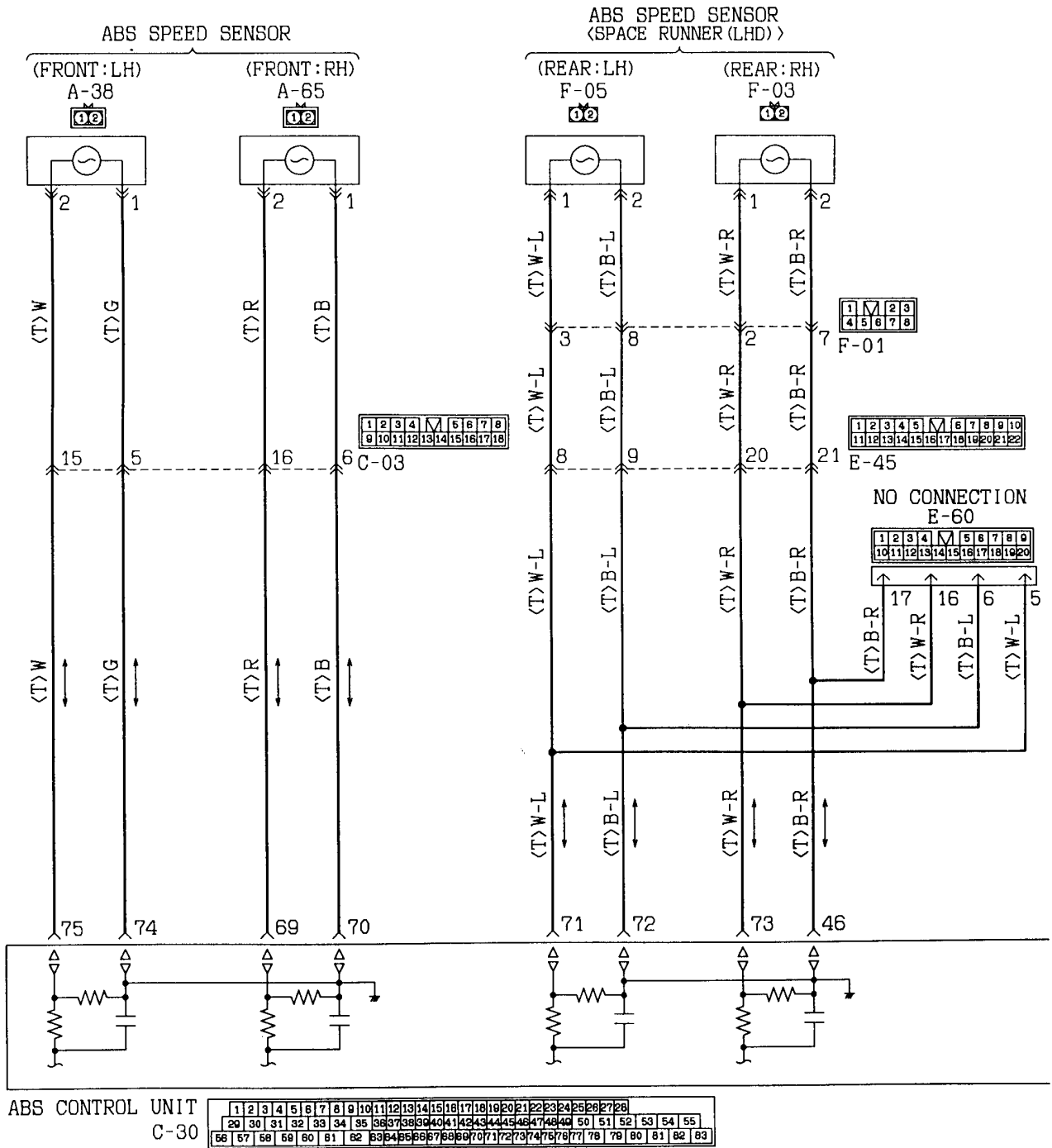


ANTI-LOCK BRAKE SYSTEM (ABS)

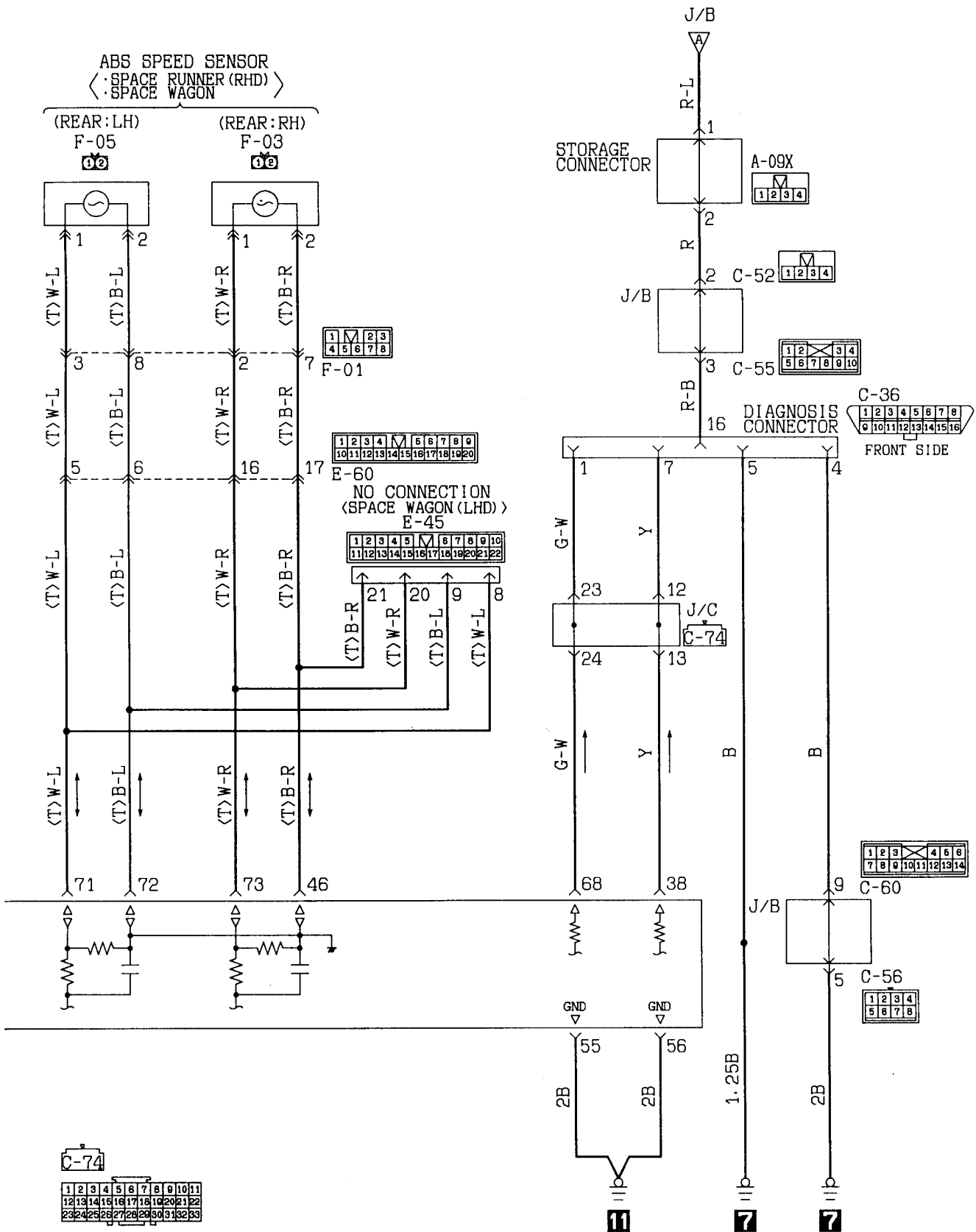




Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



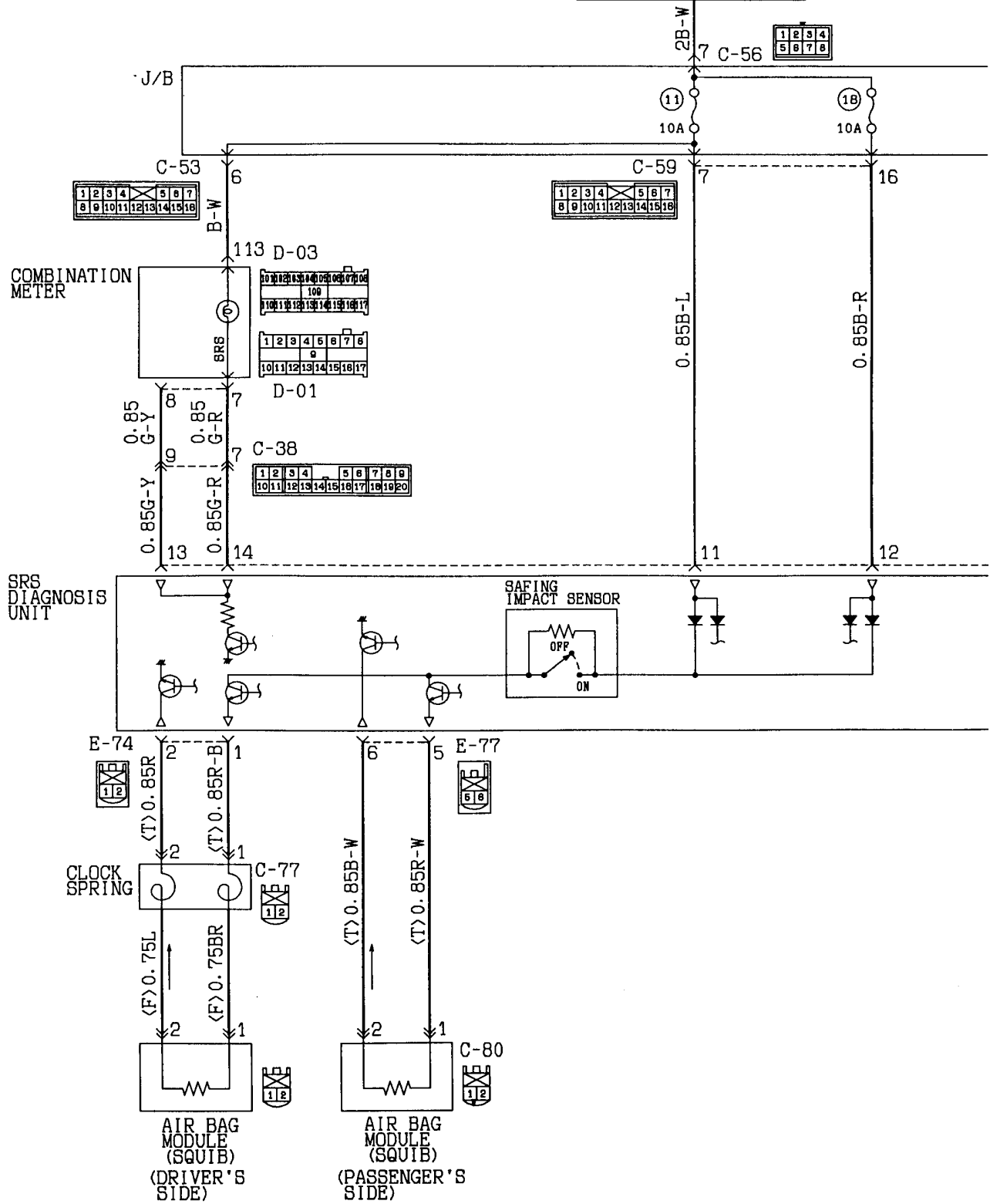
Wire colour code
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



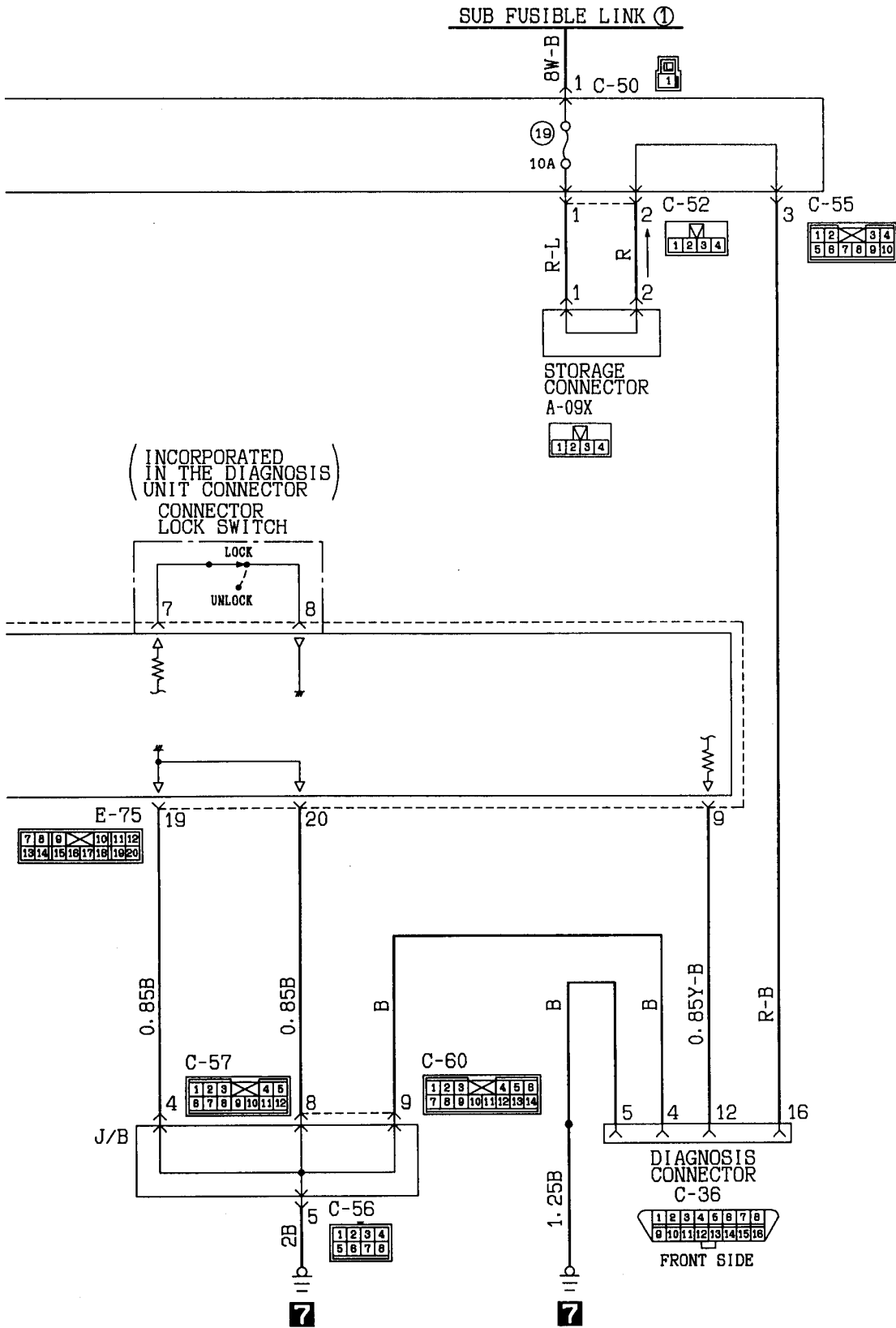
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

L. H. drive vehicles

IGNITION SWITCH (IG1)

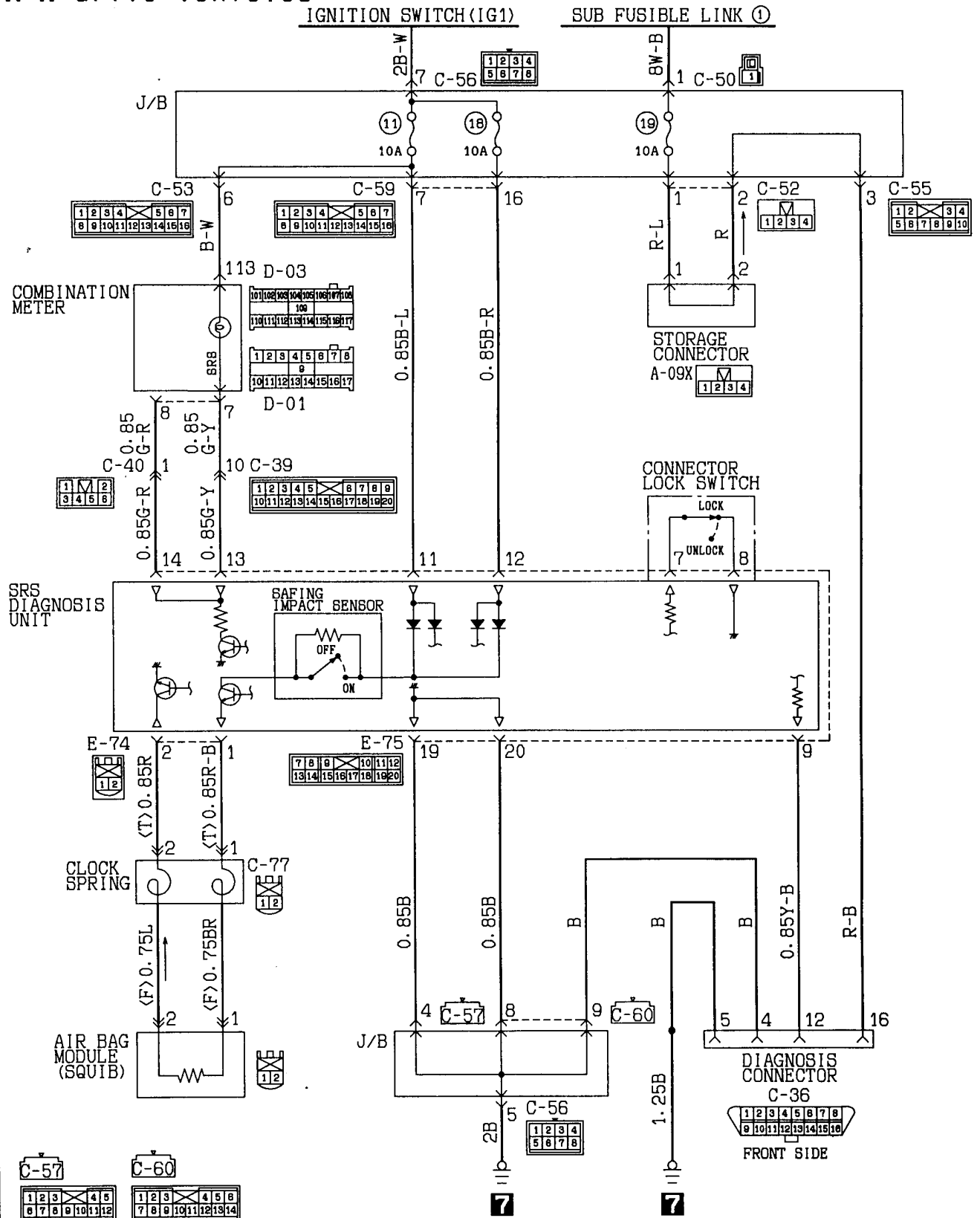


CAUTION
 Carefully read and observe the BRB SERVICE PRECAUTIONS
 (Refer to GROUP 52B BRB Service Precautions) prior to any service.



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

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
R. H. drive vehicles



CAUTION
Carefully read and observe the SRS SERVICE PRECAUTIONS
(Refer to GROUP 52B SRS Service Precautions) prior to any service.

KX35-AC-Z1526-EC