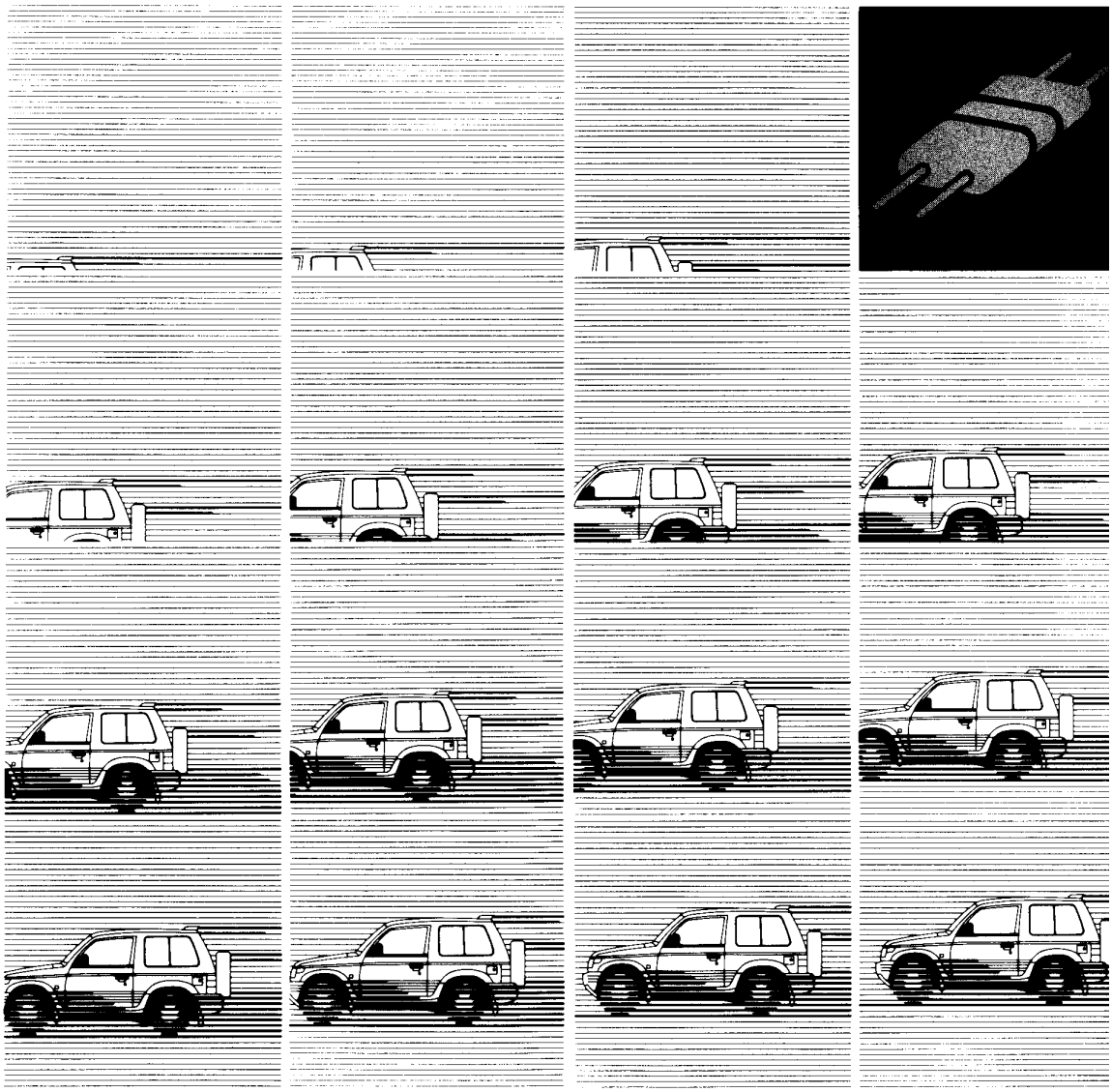
MITSUBISHI MOTORS

Workshop Manual

electrical wiring

SUPPLEMENT

PAJERO '95



Pub. No. PHJE9026-D

MITSUBISHI PAJERO

ELECTRICAL WIRING SUPPLEMENT

FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHJE9026 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	PYJE9002
WORKSHOP MANUAL	PWJE9086 (Loose-leaf edition)
WORKSHOP MANUAL Engine Group	PWEE□□□□ (Loose-leaf edition)
PARTS CATALOGUE	B6035604A□

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.

MITSUBISHI MOTORS CORPORATION

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

GENERAL

MODELS 2
TABLE OF CIRCUIT DIAGRAMS 4

Vehicles built from June, 1994
<2-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V24C	NSFL6	Canvas top	4D56 (2,477 ml) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
V23C	GNHVL6/R6	Canvas top with wide fender	6G72 (2,972 ml)		MPI
	GRHVL6/R6			V4AW3 (4A/T)	
V24W	NDFL6	Wagon	4D56 (2,477 ml) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NHFL6/R6				
	NAFL6				
	NBFL6				
V24WG	NXFL6/R6	Wagon with wide fender			
	NCFL6				
V26WG	NXFL6/R6		4M40 (2,835 ml) with turbocharger and inter-cooler	V5M31 (5M/T)	
	NCFL6				
V23W	NHVL6	Wagon	6G72 (2,972 ml)	V5MT1 (5M/T)	MPI
	GNXVL6/R6	Wagon with wide fender			
	GRXVL6/R6			V4AW3 (4A/T)	
V25W	GNXML6/R6		6G74 (3,497 ml)	V5M31 (5M/T)	
	GRXML6/R6			V4W3 (4A/T)	

<4-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V46W	NDFL6	Wagon	4M40 (2,835 ml) with turbocharger and inter-cooler	V5M31 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6/R6	Wagon			
	RHFL6/R6			V4AW3 (4A/T)	
	NAFL6			V5M31 (5M/T)	
	NAFCL6	Wagon without 3rd seat row			
	NBFL6	Wagon			
	RBFL6			V4AW3 (4A/T)	
V46WG	NXFL6/R6	Wagon with wide fender		V5M31 (5M/T)	
	RXFL6/R6			V4AW3 (4A/T)	
	NCFL6			V5M31 (5M/T)	
	RCFL6			V4AW3 (4A/T)	
V43W	NHVL6/R6	Wagon	6G72 (2,972 ml)	V5MT1 (5M/T)	MPI
	RHVL6/R6			V4AW3 (4A/T)	
	GNXVL6/R6	Wagon with wide fender		V5MT1 (5M/T)	
	GRXVL6/R6			V4AW3 (4A/T)	
V45W	GNXML6/R6		6G74 (3,497 ml)	V5M31 (5M/T)	
	GRXML6/R6			V4AW3 (4A/T)	
V44W	NDFL6	Wagon	4D56 (2,477 ml) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6	Wagon			
V44WG	NXFL6/R6	Wagon with wide fender			

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 previous wiring diagrams.

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)
JUNCTION BLOCK	—	○	○
CENTRALIZED JUNCTION	—	○	○
POWER DISTRIBUTION SYSTEM	Petrol-powered vehicles	○	○
	Diesel-powered vehicles	○	○
STARTING SYSTEM	4G64 engine	○	—
	6G72, 6G74 engine	○	●
	4D56, 4M40 engine	○	○
IGNITION SYSTEM	4G64 engine	○	—
	6G72 engine	○	—
	6G74 engine	○	—
	6G72, 6G74 engine	—	●
CHARGING SYSTEM	4G64, 6G72 engine	○	—
	6G74 engine	○	—
	6G72, 6G74 engine	—	●
	4D56, 4M40 engine	○	○
GLOW SYSTEM	4D56 engine <without supercharging pressure relief solenoid valve>	○	○
	4D56 engine <with supercharging pressure relief solenoid valve>	○	○
	4M40 engine <without supercharging pressure relief solenoid valve>	○	●
	4M40 engine <with supercharging pressure relief solenoid valve>	○	●
MPI SYSTEM	4G64 engine-M/T	○	—
	6G72 engine-M/T	○	●
	6G72 engine-A/T	○	●
	6G74 engine-M/T	○	●
	6G74 engine-A/T	○	●
OVERDRIVE CONTROL SYSTEM	6G72 engine	○	—
ELC-4A/T	6G72, 6G74 engine	—	●
	6G74 engine	○	—
	4M40 engine	○	○

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)
HEADLAMP	L.H. drive vehicles without daytime running lamp <without SRS>	○	○
	L.H. drive vehicles without daytime running lamp <with SRS>	○	○
	L.H. drive vehicles with daytime running lamp <without SRS>	○	○
	L.H. drive vehicles with daytime running lamp <with SRS>	○	○
	R.H. drive vehicles without SRS	○	○
	R.H. drive vehicles with SRS	○	○
HEADLAMP LEVELING SYSTEM	—	○	○
TAIL LAMP, CLEARANCE LAMP, LICENCE PLATE LAMP	—	○	○
REAR FOG LAMP	L.H.drive vehicles <without SRS>	○	○
	L.H.drive vehicles <with SRS>	○	○
	R.H.drive vehicles <without SRS>	○	○
	R.H.drive vehicles <with SRS>	○	○
ROOM LAMP	Canvas top	○	○
	2-door models without sunroof	○	○
	2-door models with sunroof	○	○
	4-door models	○	○
IGNITION KEY CYLINDER ILLUMINATION LAMP	L.H. drive vehicles	○	○
	R.H. drive vehicles	○	○
TURN-SIGNAL LAMP AND HAZARD LAMP	—	○	○
STOP LAMP	—	○	○
BACK-UP LAMP	M/T	○	○
	A/T	○	●
HORN	Vehicles without SRS	○	○
	Vehicles with SRS	○	○
METER AND GAUGE	4G64 engine	○	—
	6G72, 6G74 engine	○	●
	4D56, 4M40 engine	○	○
LOW FUEL WARNING LAMP	—	○	○
FUEL FILTER WARNING LAMP	—	○	○
OIL PRESSURE WARNING LAMP	—	○	○
LOW ENGINE OIL LEVEL WARNING LAMP	—	○	○
BRAKE WARNING LAMP	—	○	○
MULTI-METER	Vehicles without electronic compass	○	○
	Vehicles with electronic compass	○	○

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)
POWER WINDOWS	L.H. drive vehicles <2-door models>	○	○
	L.H. drive vehicles <4-door models>	○	○
	R.H. drive vehicles <2-door models>	○	○
	R.H. drive vehicles <4-door models>	○	○
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles	○	○
	R.H. drive vehicles	○	○
HEATER	L.H. drive vehicles without rear heater	○	○
	L.H. drive vehicles with rear heater <without dual air conditioner>	○	○
	L.H. drive vehicles with rear heater <with dual air conditioner>	○	○
	R.H. drive vehicles without rear heater	○	○
	R.H. drive vehicles with rear heater <without dual air conditioner>	○	○
	R.H. drive vehicles with rear heater <with dual air conditioner>	○	○
SINGLE AIR CONDITIONER	L.H. drive vehicles <4G64,6G72 engine>	○	●
	L.H. drive vehicles <6G74 engine>	○	●
	L.H. drive vehicles <diesel-powered vehicles>	○	○
	R.H. drive vehicles <petrol-powered vehicles>	○	●
	R.H. drive vehicles <diesel-powered vehicles>	○	○
DUAL AIR CONDITIONER	L.H. drive vehicles without rear heater <petrol-powered vehicles>	○	●
	L.H. drive vehicles without rear heater <diesel-powered vehicles>	○	○
	L.H. drive vehicles with rear heater <petrol-powered vehicles>	○	●
	L.H. drive vehicles with rear heater <diesel-powered vehicles>	○	○
	R.H. drive vehicles without rear heater <petrol-powered vehicles>	○	●
	R.H. drive vehicles without rear heater <diesel-powered vehicles>	○	○
	R.H. drive vehicles with rear heater <petrol-powered vehicles>	○	●
	R.H. drive vehicles with rear heater <diesel-powered vehicles>	○	○
WINDSHIELD WIPER AND WASHER	Vehicles without SRS	○	○
	Vehicles with SRS	○	○
REAR WIPER AND WASHER	Vehicles without SRS	○	○
	Vehicles with SRS	○	○
HEADLAMP WASHER	—	○	○
DEFOGGER AND DOOR MIRROR HEATER	—	○	○
WIPER DEICER	—	○	○

Main circuit	Circuit classifications	Pub. No. PHJE9026-C '94 model (Basic)	Pub. No. PHJE9026-D (Supplement)
REMOTE CONTROLLED MIRROR	—	○	○
RADIO AND TAPE PLAYER	L.H. drive vehicles <AM/FM radio>	○	○
	L.H. drive vehicles <LW/MW/FM radio and tape player>	○	○
	L.H. drive vehicles <AM/FM radio and tape player>	○	○
	R.H. drive vehicles <AM/FM radio>	○	○
	R.H. drive vehicles <LW/MW/FM radio and tape player>	○	○
	R.H. drive vehicles <AM/FM radio and tape player>	○	○
CLOCK	L.H. drive vehicles	○	○
	R.H. drive vehicles	○	○
CIGARETTE LIGHTER	—	○	○
ACCESSORY SOCKET	—	○	○
SUNROOF	Canvas top	○	○
	4-door models	○	○
INTERCOOLER FAN	—	○	○
REAR DIFFERENTIAL LOCK SYSTEM	L.H. drive vehicles	○	○
	R.H. drive vehicles	○	○
PART TIME 4WD SYSTEM	—	○	○
SUPER SELECT 4WD SYSTEM	—	○	○
REMOTE CONTROLLED VARIABLE SHOCK ABSORBERS SYSTEM	—	○	○
ANTI-LOCK BRAKE SYSTEM (ABS)	—	○	—
	L.H. drive vehicles	—	●
	R.H. drive vehicles	—	●
AUTO-CRUISE CONTROL SYSTEM	L.H. drive vehicles <petrol-powered vehicles>	○	●
	L.H. drive vehicles <diesel-powered vehicles>	○	○
	R.H. drive vehicles <petrol-powered vehicles>	○	●
	R.H. drive vehicles <diesel-powered vehicles>	○	○
HEATED SEAT	Vehicles without power seat	○	○
	Vehicles with power seat	○	○
POWER SEAT	—	○	○
LIGHTING MONITOR BUZZER	—	○	○
FUEL LINE HEATER	—	○	○
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	Petrol-powered vehicles	○	●
	Diesel-powered vehicles	○	○

2A WIRING HARNESS CONFIGURATION DIAGRAMS

ENGINE COMPARTMENT A

L.H. drive vehicles with 6G72 engine 2A-2
R.H. drive vehicles with 6G72 engine 2A-2
L.H. drive vehicles with 6G74 engine 2A-3
R.H. drive vehicles with 6G74 engine 2A-4
L.H. drive vehicles with 4D56 engine 2A-5
R.H. drive vehicles with 4D56 engine 2A-5
L.H. drive vehicles with 4M40 engine 2A-6
R.H. drive vehicles with 4M40 engine 2A-6

DASH PANEL C

L.H. drive vehicles 2A-7
R.H. drive vehicles 2A-7

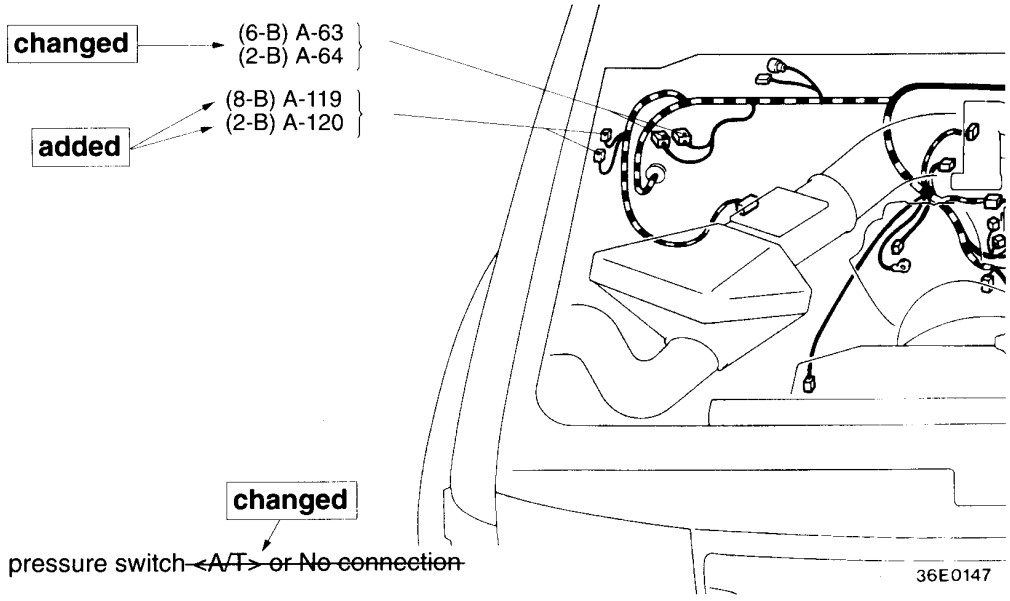
FLOOR AND ROOF E

2-door models <L.H. drive vehicles> 2A-8
2-door models <R.H. drive vehicles> 2A-8
4-door models <L.H. drive vehicles> 2A-9
4-door models <R.H. drive vehicles> 2A-9

ENGINE COMPARTMENT

L.H. drive vehicles with 6G72 engine

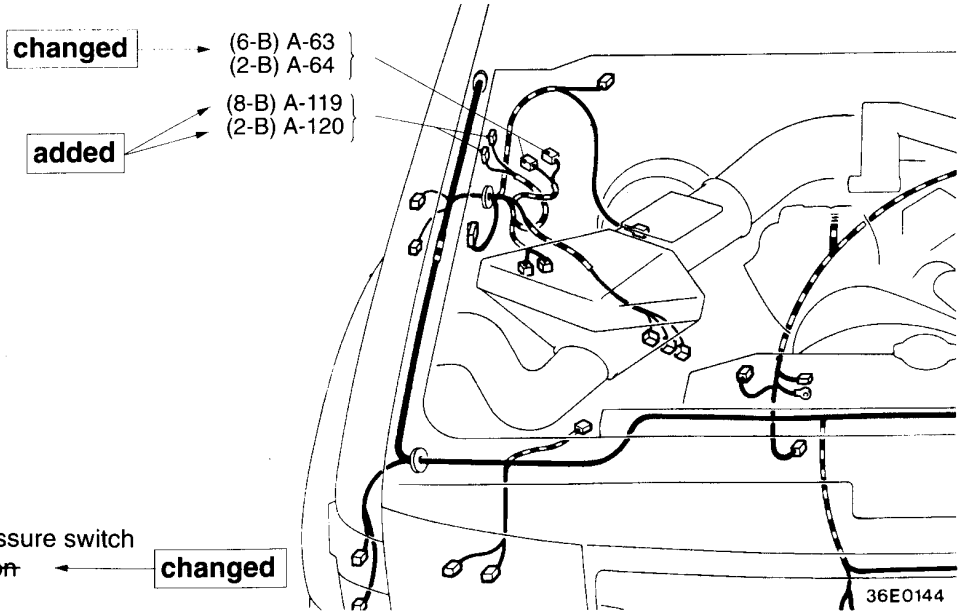
- The ABS relay box (A-119, 120) has been added.
- Terminal numbers of the hydraulic unit (A-63) have been changed from ten to six.
- M/T vehicles have also had the power steering oil pressure switch (A-117).



A-117 Power steering oil pressure switch ~~<A/T> or No connection~~
A-118 Air flow sensor
A-119, A-120 ABS relay box ← added

R.H. drive vehicles with 6G72 engine

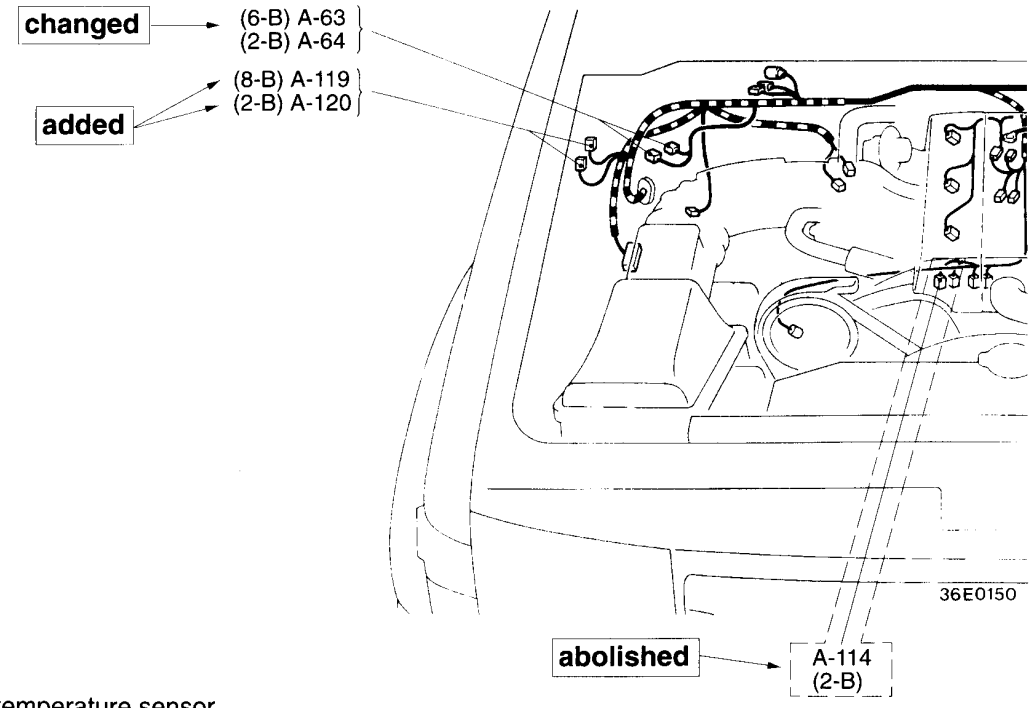
- The ABS relay box (A-119, 120) has been added.
- Terminal numbers of the hydraulic unit (A-63) have been changed from ten to six.
- M/T vehicles have also had the power steering oil pressure switch (A-117).



A-117 Power steering oil pressure switch ~~<A/T> or No connection~~ ← changed
A-118 Air flow sensor
A-119, A-120 ABS relay box ← added

L.H. drive vehicles with 6G74 engine

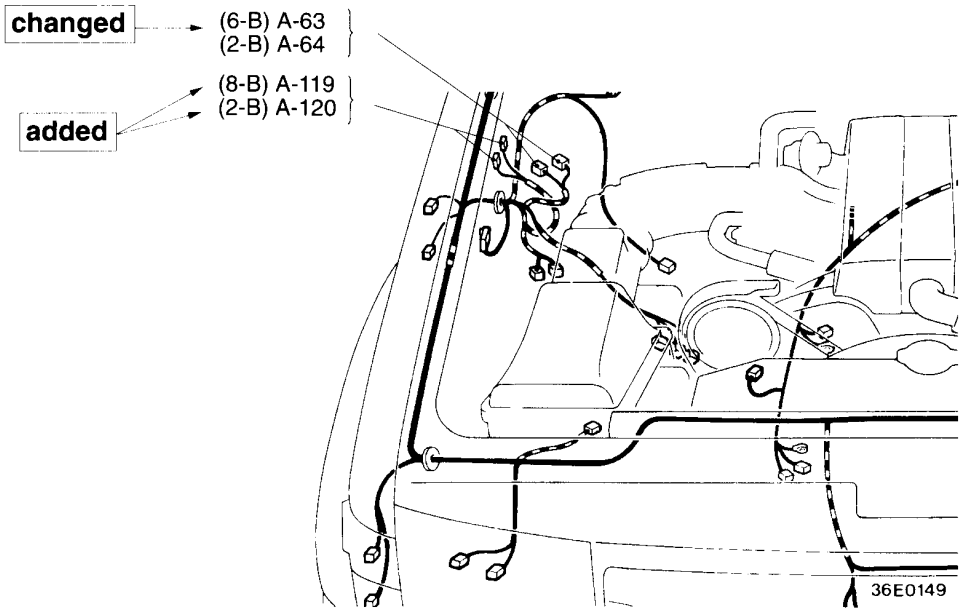
- The ABS relay box (A-119, 120) has been added.
- Terminal numbers of the hydraulic unit (A-63) have been changed from ten to six.
- M/T vehicles have also had the power steering oil pressure switch (A-117).
- The engine coolant temperature switch (for A/C compressor control) (A-114) has been abolished.

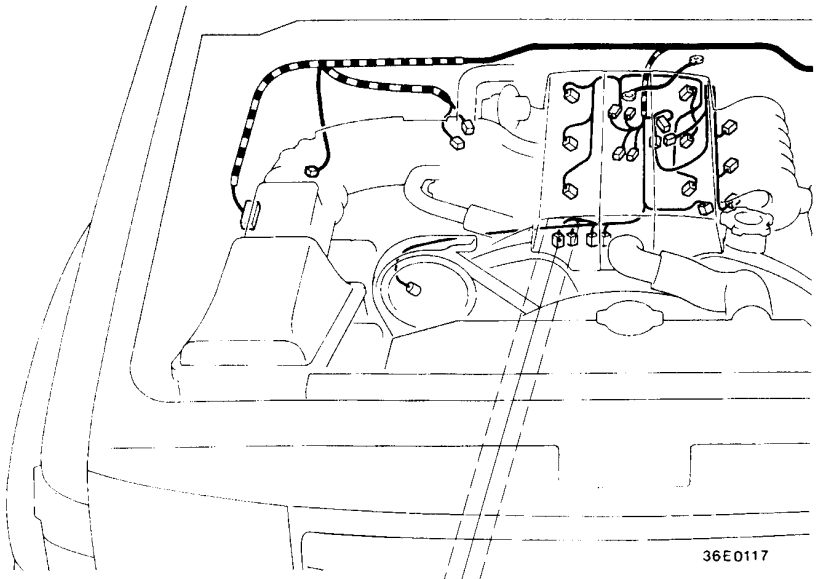


A-113 Engine coolant temperature sensor
A-114 ~~Engine coolant temperature switch (for A/C compressor control)~~ – ← abolished
A-115 Camshaft position sensor
A-116 –
A-117 Power steering oil pressure switch ~~<A/T> or No connection~~ ← changed
A-118 Air flow sensor
A-119, A-120 ABS relay box ← added

R.H. drive vehicles with 6G74 engine

- The ABS relay box (A-119, 120) has been added.
- Terminal numbers of the hydraulic unit (A-63) have been changed from ten to six.
- M/T vehicles have also had the power steering oil pressure switch (A-117).
- The engine coolant temperature switch (for A/C compressor control) (A-114) has been abolished.



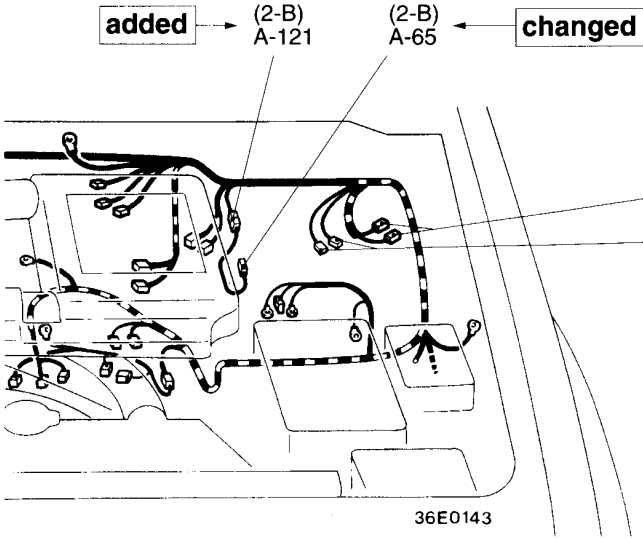


abolished ← A-114 (2-B)

A-113 Engine coolant temperature sensor
A-114 ~~Engine coolant temperature switch (for A/C compressor control)~~ – ← abolished
A-115 Camshaft position sensor
A-116 –
A-117 Power steering oil pressure switch ~~<A/T> or No connection~~ ← changed
A-118 Air flow sensor
A-119, A-120 ABS relay box ← added

L.H. drive vehicles with 4D56 engine

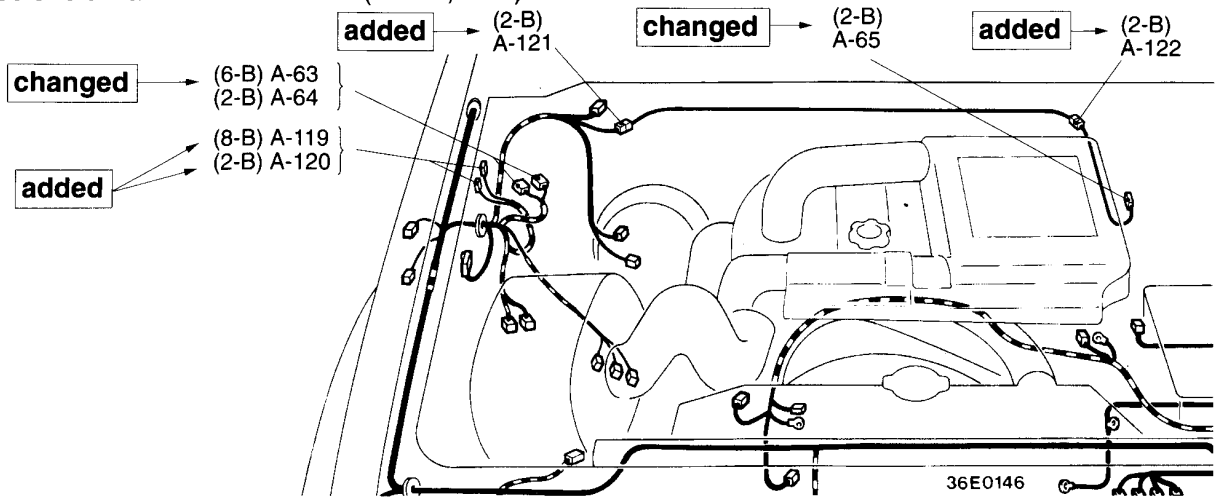
- The ABS relay box (A-119, 120) has been added.
- Terminal numbers of the hydraulic unit (A-63) have been changed from ten to six.
- The installation position of the idle-up solenoid valve <ABS> (A-65) has been changed.
- The solenoid valve sub harness (A-121) has been added.



A-116 Engine coolant temperature switch (for condenser fan motor control)
A-117 –
A-118 –
A-119, A-120 ABS relay box ← added
A-121 Solenoid valve sub harness (B) and control wiring harness combination ← added

R.H. drive vehicles with 4D56 engine

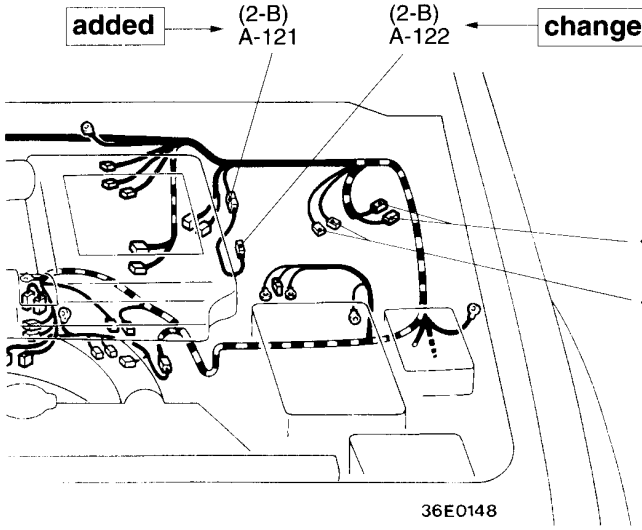
- The ABS relay box (A-119, 120) has been added.
- Terminal numbers of the hydraulic unit (A-63) have been changed from ten to six.
- The installation position of the idle-up solenoid valve <ABS> (A-65) has been changed.
- The solenoid valve sub harness (A-121, 122) has been added.



A-116 Engine coolant temperature switch (for condenser fan motor control)
A-117 –
A-118 –
A-119, A-120 ABS relay box ← added
A-121 Solenoid valve sub harness (A) and control wiring harness combination ← added
A-122 Solenoid valve sub harness (A) and solenoid valve sub harness (B) combination ← added

L.H. drive vehicles with 4M40 engine

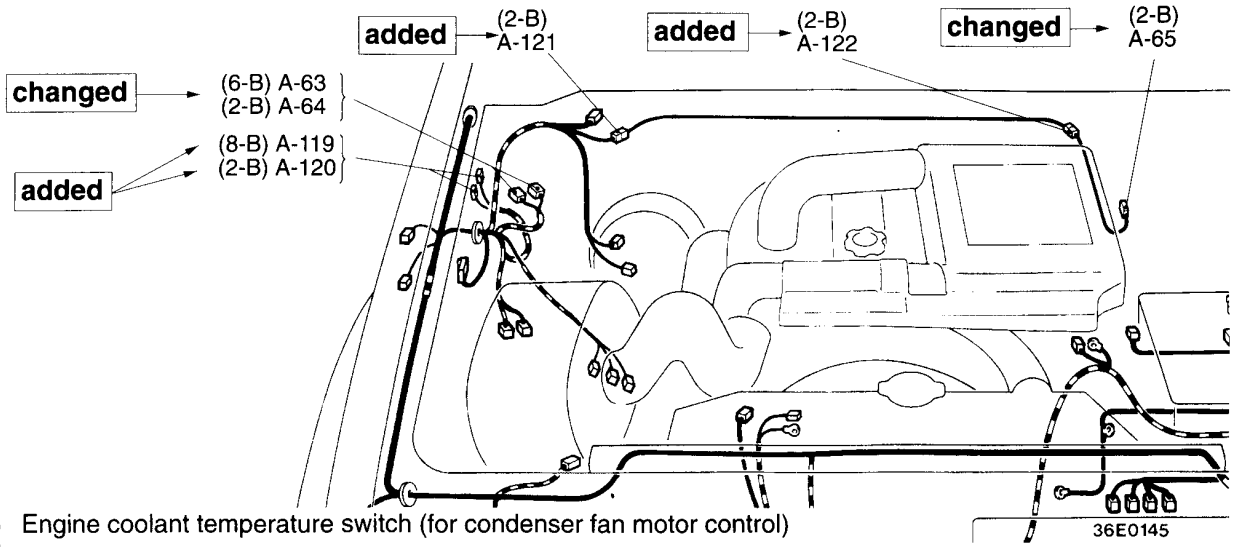
- The ABS relay box (A-119, 120) has been added.
- Terminal numbers of the hydraulic unit (A-63) have been changed from ten to six.
- The installation position of the idle-up solenoid valve <ABS> (A-65) has been changed.
- The solenoid valve sub harness (A-121) has been added.



A-116 Engine coolant temperature switch (for condenser fan motor control)
A-117 –
A-118 –
A-119, A-120 ABS relay box ← added
A-121 Solenoid valve sub harness and control wiring harness combination ← added

R.H. drive vehicles with 4M40 engine

- The ABS relay box (A-119, 120) has been added.
- Terminal numbers of the hydraulic unit (A-63) have been changed from ten to six.
- The installation position of the idle-up solenoid valve <ABS> (A-65) has been changed.
- The solenoid valve sub harness (A-121, 122) has been added.



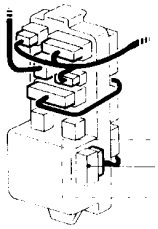
A-116 Engine coolant temperature switch (for condenser fan motor control)
A-117 –
A-118 –
A-119, A-120 ABS relay box ← added
A-121 Solenoid valve sub harness (A) and control wiring harness combination. ← added
A-122 Solenoid valve sub harness (A) and solenoid valve sub harness (B) combination ← added

DASH PANEL

L.H. drive vehicles

- The jumper connector (C-114) has been added.
- The jumper connector <Vehicles with ABS> (C-117) has been added.
- The diagnosis connector (C-104) has been abolished.

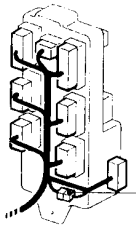
JUNCTION BLOCK
<Front side view>



C-104 (12) ← **abolished**

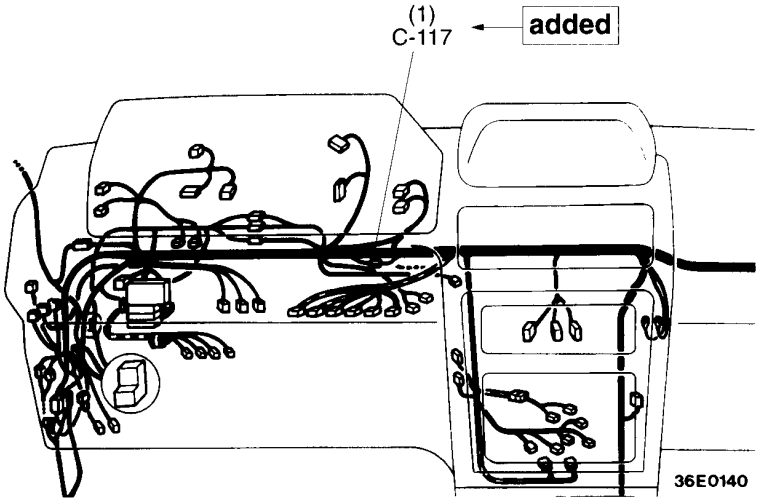
36E0040

<Rear side view>



C-114 (3) ← **added**

36E0142

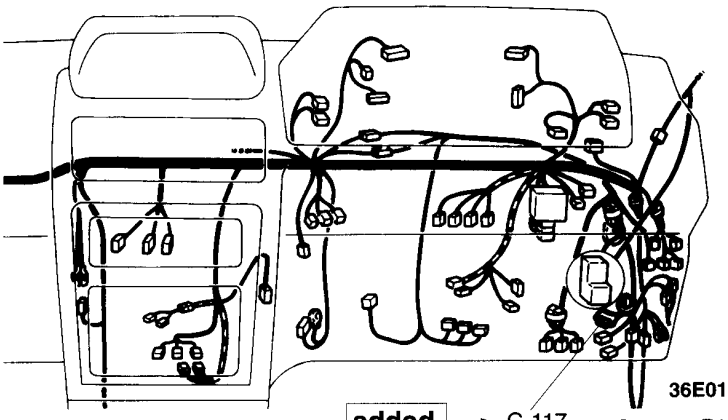


36E0140

C-104 ~~Diagnosis connector~~ – ← **abolished**
C-105 Blower relay
C-114 Jumper connector ← **added**
C-115, C-116 } Dash wiring harness and junction block combination
C-117 Jumper connector <Vehicles with ABS> ← **added**

R.H. drive vehicles

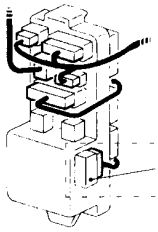
- The jumper connector <Vehicles with ABS> (C-117) has been added.
- The diagnosis connector (C-104) has been abolished.



36E0141

added → C-117 (1)

JUNCTION BLOCK
<Front side view>



C-104 (12) ← **abolished**

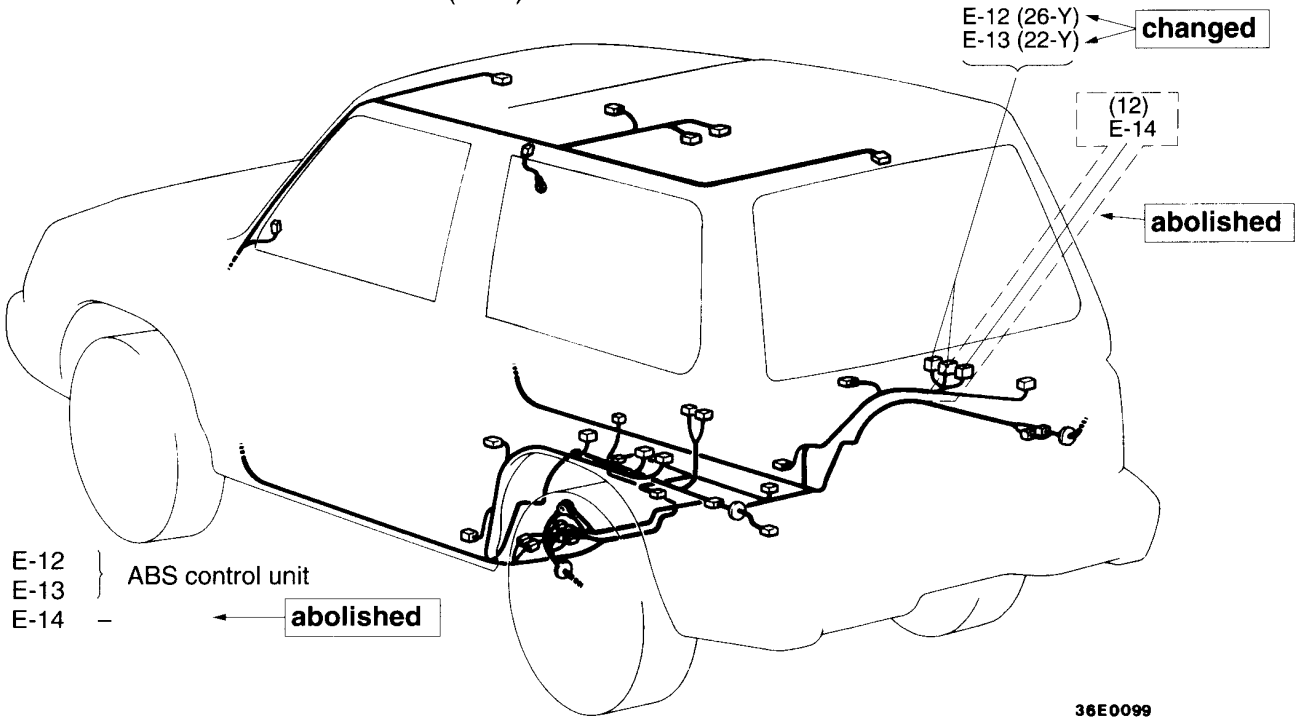
36E0040

C-104 ~~Diagnosis connector~~ – ← **abolished**
C-105 Blower relay
C-114 Jumper connector
C-115, C-116 } Dash wiring harness and junction block combination
C-117 Jumper connector <Vehicles with ABS> ← **added**

FLOOR AND ROOF

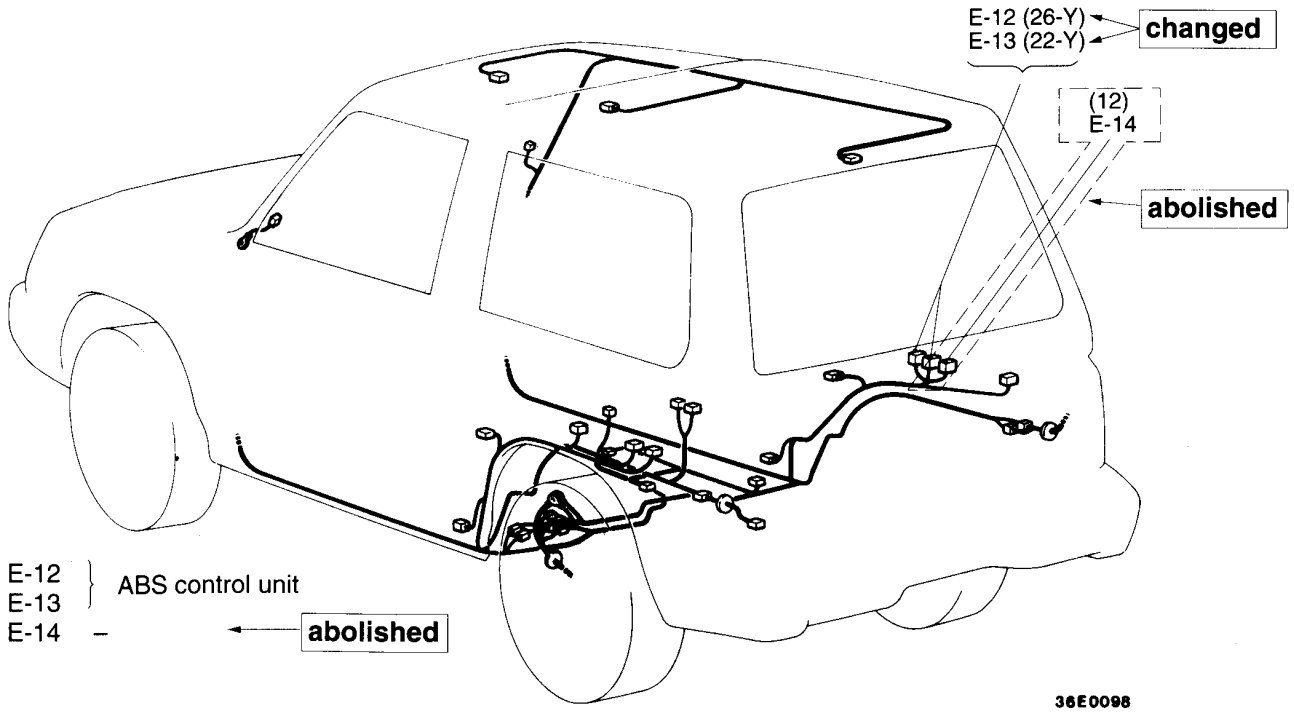
2-door models <L.H. drive vehicles>

- Terminal numbers of the ABS control unit connector (E-12) have been changed from 18 to 26.
- Terminal numbers of the ABS control unit connector (E-13) have been changed from 12 to 22.
- The ABS control unit connector (E-14) has been abolished.



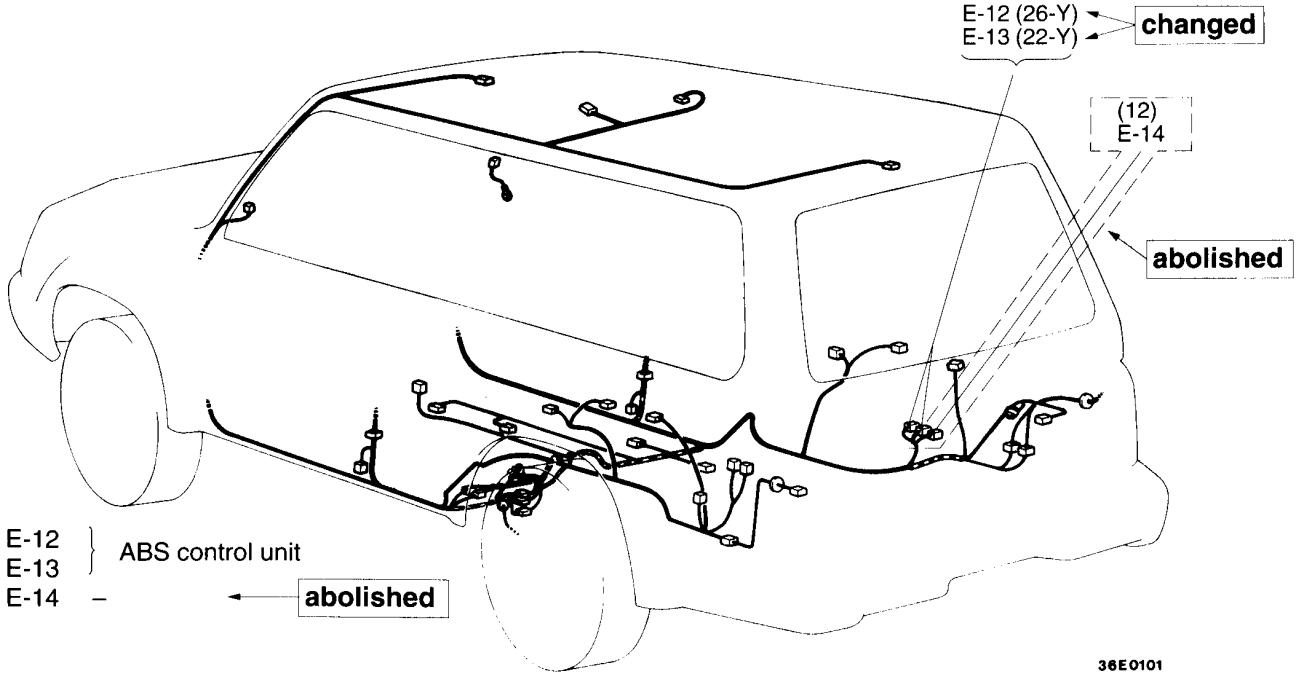
2-door models <R.H. drive vehicles>

- Terminal numbers of the ABS control unit connector (E-12) have been changed from 18 to 26.
- Terminal numbers of the ABS control unit connector (E-13) have been changed from 12 to 22.
- The ABS control unit connector (E-14) has been abolished.



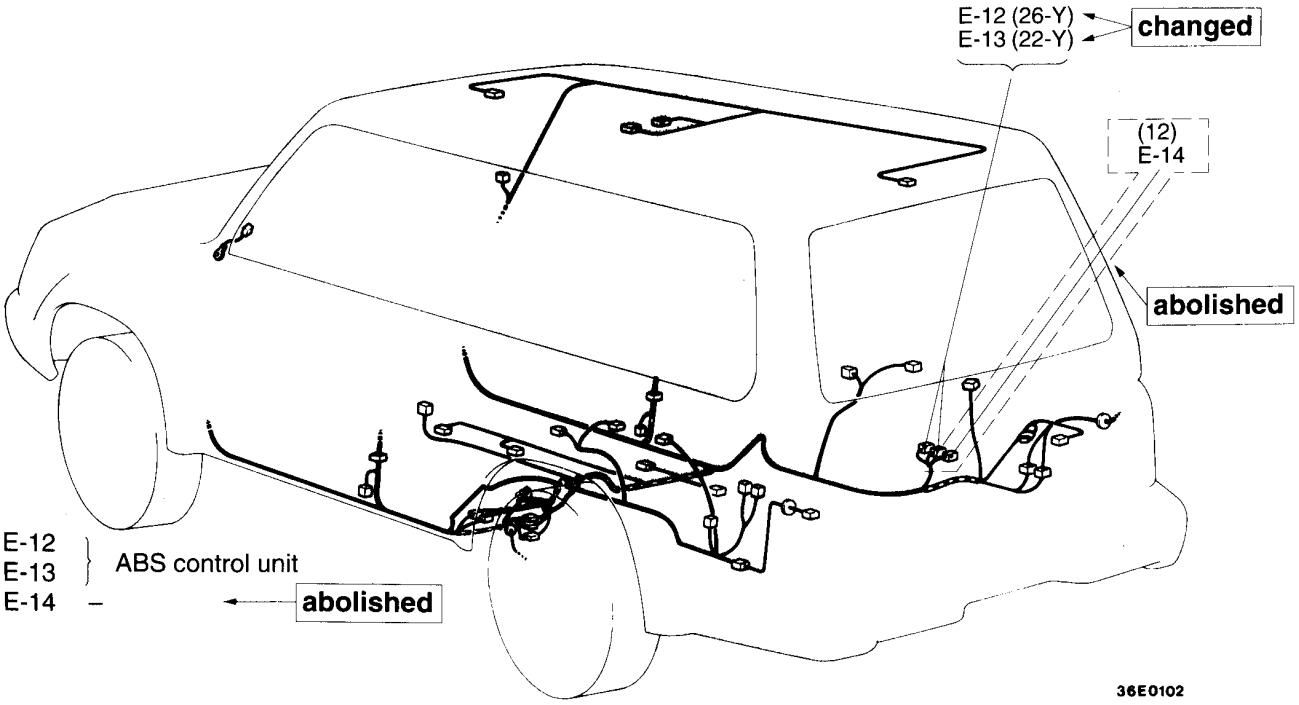
4-door models <L.H. drive vehicles>

- Terminal numbers of the ABS control unit connector (E-12) have been changed from 18 to 26.
- Terminal numbers of the ABS control unit connector (E-13) have been changed from 12 to 22.
- The ABS control unit connector (E-14) has been abolished.



4-door models <R.H. drive vehicles>

- Terminal numbers of the ABS control unit connector (E-12) have been changed from 18 to 26.
- Terminal numbers of the ABS control unit connector (E-13) have been changed from 12 to 22.
- The ABS control unit connector (E-14) has been abolished.



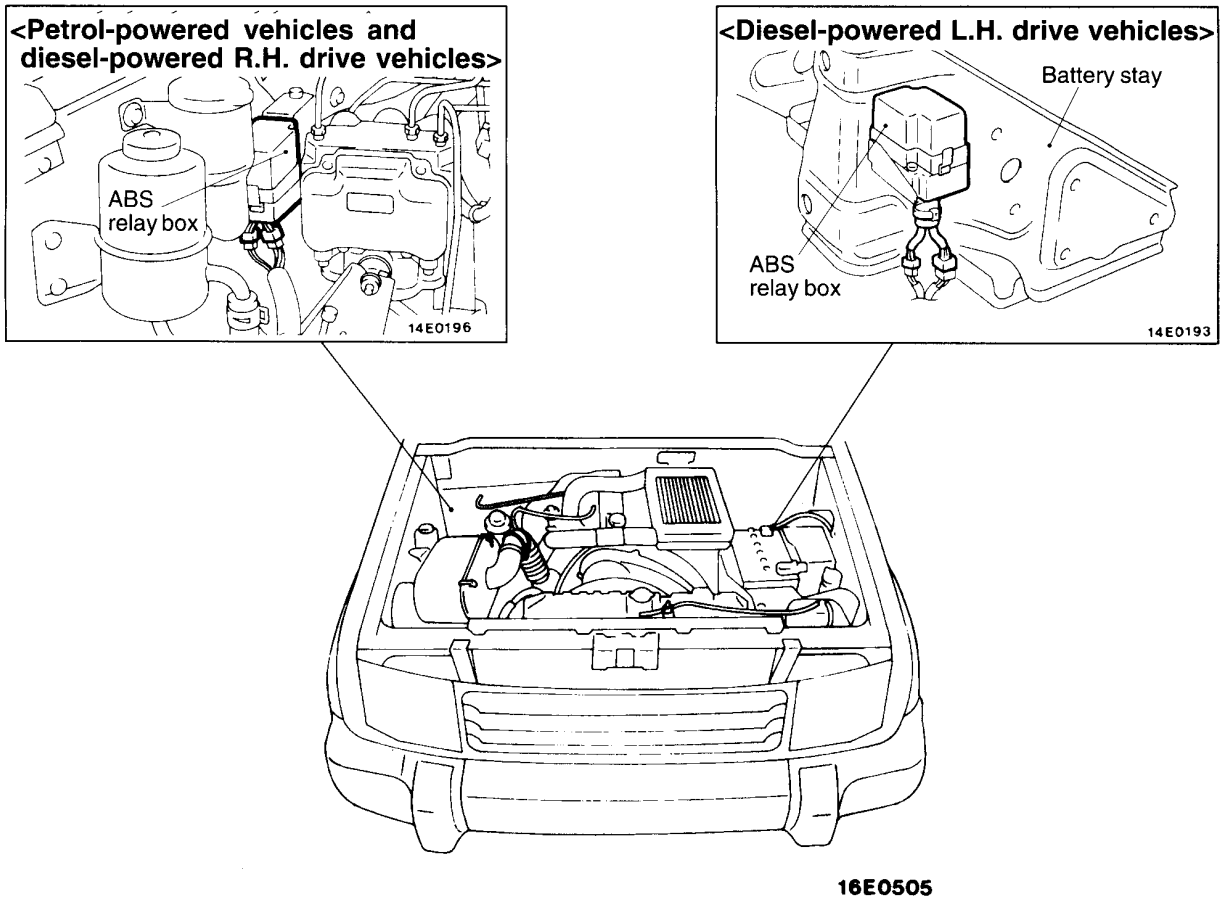
3A SINGLE PART INSTALLATION POSITION

RELAY 3A-2
SOLENOID VALVE 3A-2

RELAY

The ABS valve relay and motor relay have not been incorporated in the hydraulic unit any more. The ABS relay box, which contains these relays, has been added.

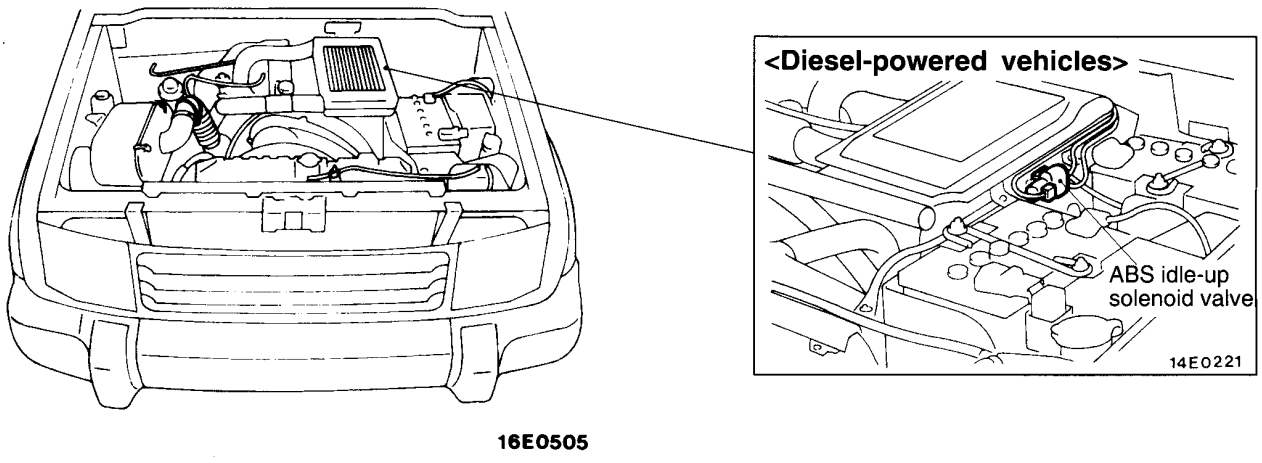
Engine compartment



SOLENOID VALVE

The installation position of the ABS idle-up solenoid valve has been changed.

Engine compartment



4A CIRCUIT DIAGRAM

STARTING SYSTEM

6G72, 6G74 engine 4A-2

IGNITION SYSTEM

6G72, 6G74 engine 4A-3

CHARGING SYSTEM

6G72, 6G74 engine 4A-5

GLOW SYSTEM

4M40 engine <Without supercharging pressure relief solenoid valve> 4A-6

4M40 engine <With supercharging pressure relief solenoid valve> 4A-6

MPI SYSTEM

6G72 engine-M/T 4A-7

6G72 engine-A/T 4A-16

6G74 engine-M/T 4A-25

6G74 engine-A/T 4A-26

ELC-4A/T

6G72, 6G74 engine 4A-28

BACK-UP LAMP

A/T 4A-35

METER AND GAUGE

6G72, 6G74 engine 4A-35

SINGLE AIR CONDITIONER

L.H. drive vehicles <4G64, 6G72 engine> 4A-36

L.H. drive vehicles <6G74 engine> 4A-36

R.H. drive vehicles <Petrol-powered vehicles> 4A-37

DUAL AIR CONDITIONER

L.H. drive vehicles without rear heater <Petrol-powered vehicles> 4A-37

L.H. drive vehicles with rear heater <Petrol-powered vehicles> 4A-38

R.H. drive vehicles without rear heater <Petrol-powered vehicles> 4A-38

R.H. drive vehicles with rear heater <Petrol-powered vehicles> 4A-39

ANTI-LOCK BRAKE SYSTEM (ABS)

L.H. drive vehicles 4A-40

R.H. drive vehicles 4A-46

AUTO-CRUISE CONTROL SYSTEM

L.H. drive vehicles <Petrol-powered vehicles> 4A-52

R.H. drive vehicles <Petrol-powered vehicles> 4A-53

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

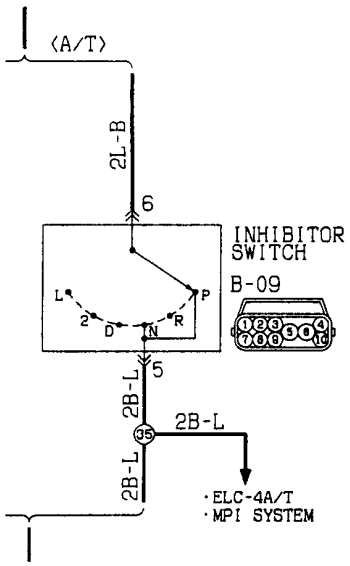
Petrol-powered vehicles 4A-54

STARTING SYSTEM

6G72, 6G74 engine

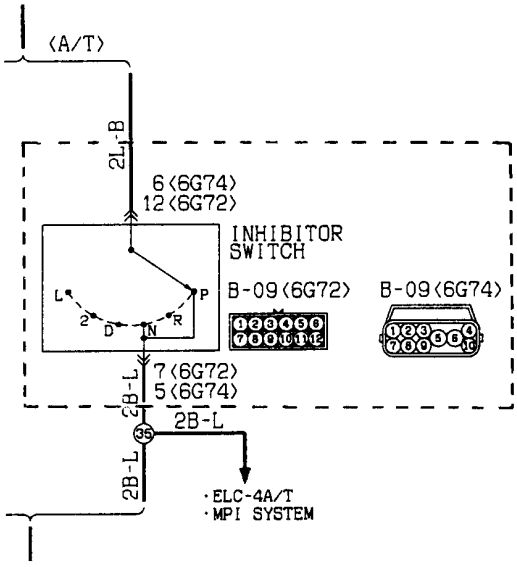
The inhibitor switch has been changed. <Vehicles with 6G72 engine>

(New)



KX35-AC-00207-EC

(Old)

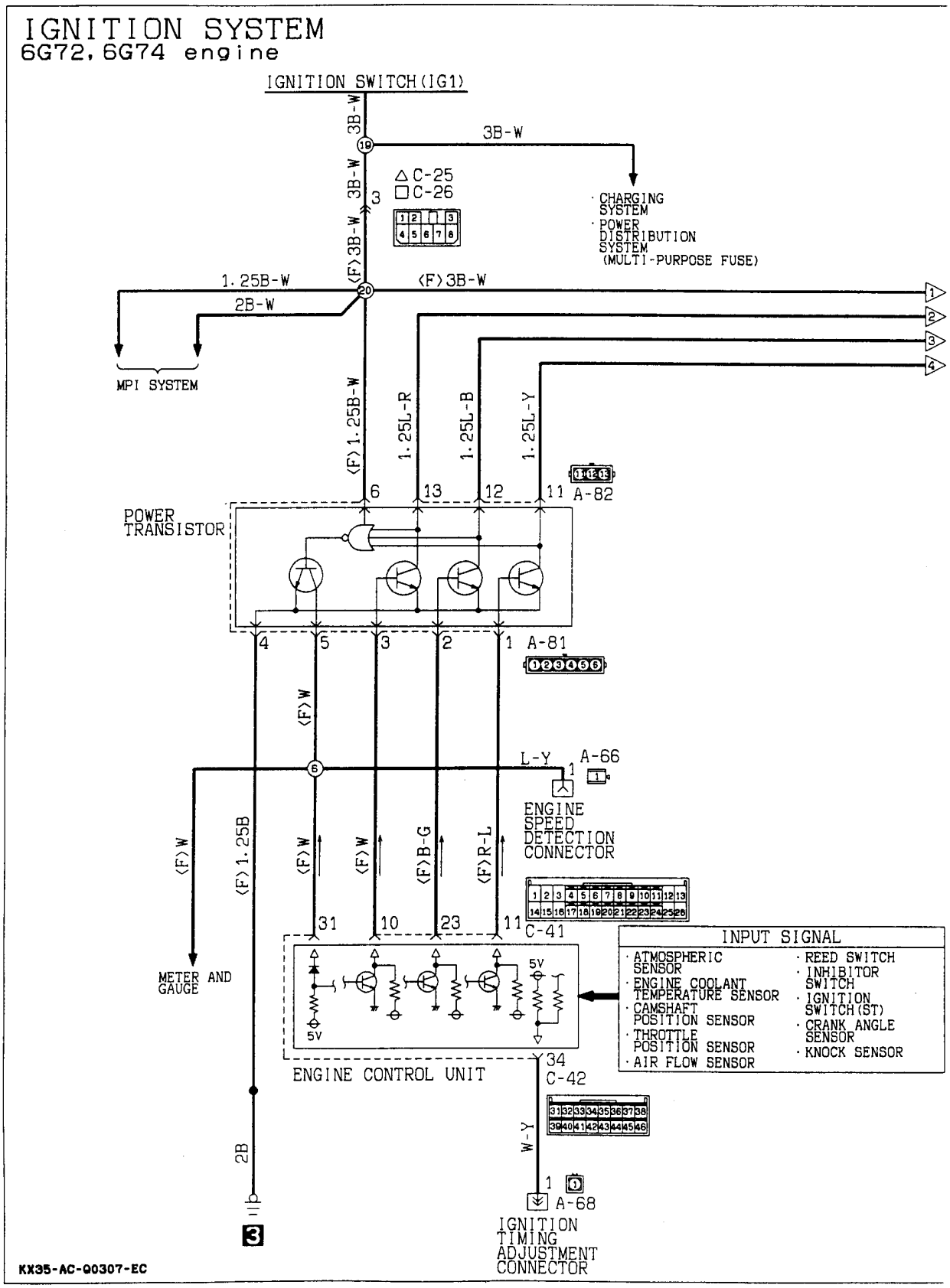


KX35-AC-00204-EC

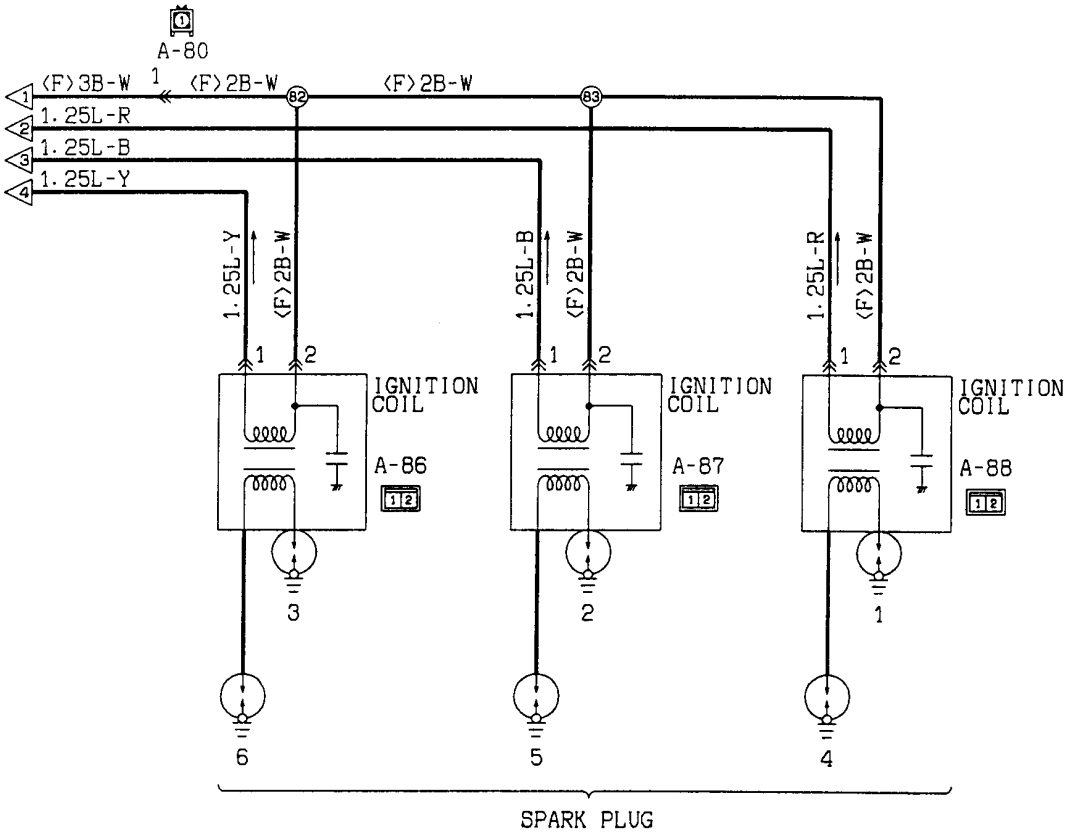
IGNITION SYSTEM

6G72, 6G74 engine

The circuit for '95 models has been established.



IGNITION SYSTEM<6G72, 6G74 engine> (CONTINUED)



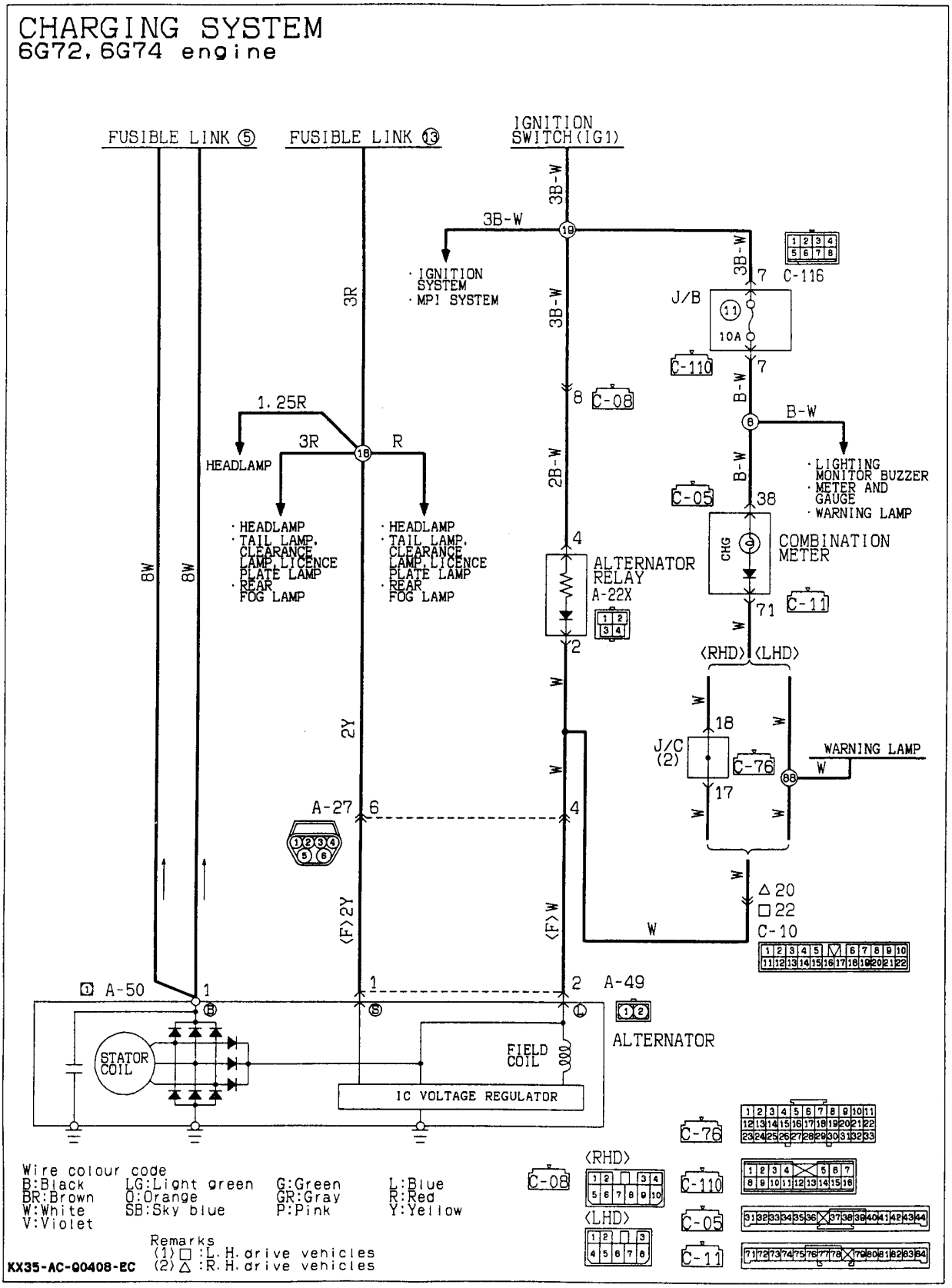
Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles

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

CHARGING SYSTEM

6G72, 6G74 engine

The circuit for '95 models has been established.

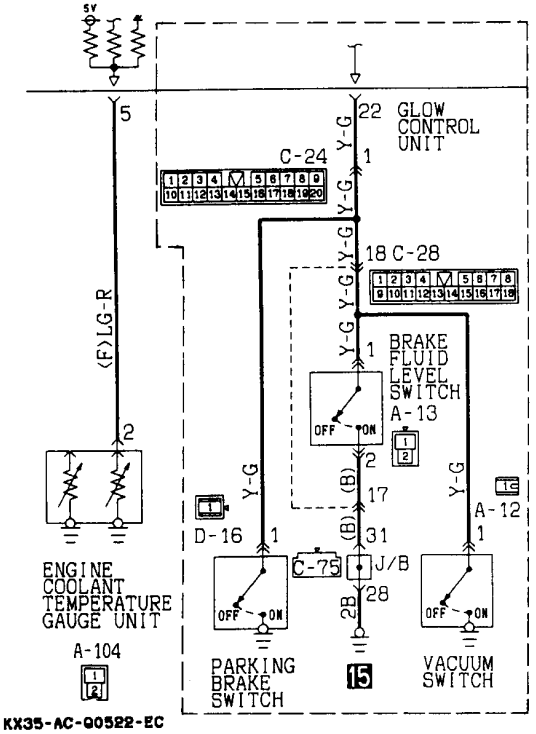


GLOW SYSTEM

4M40 engine <Without supercharging pressure relief solenoid valve>

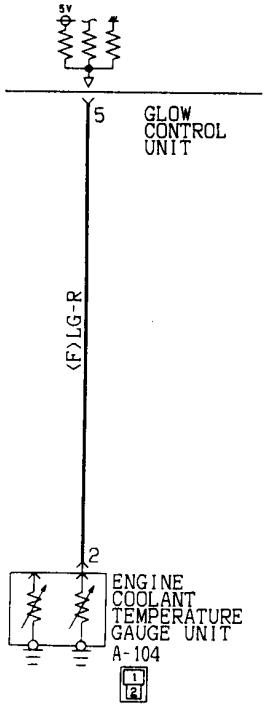
Revised EGR control system has changed this circuit.

(New)



KX35-AC-00522-EC

(Old)



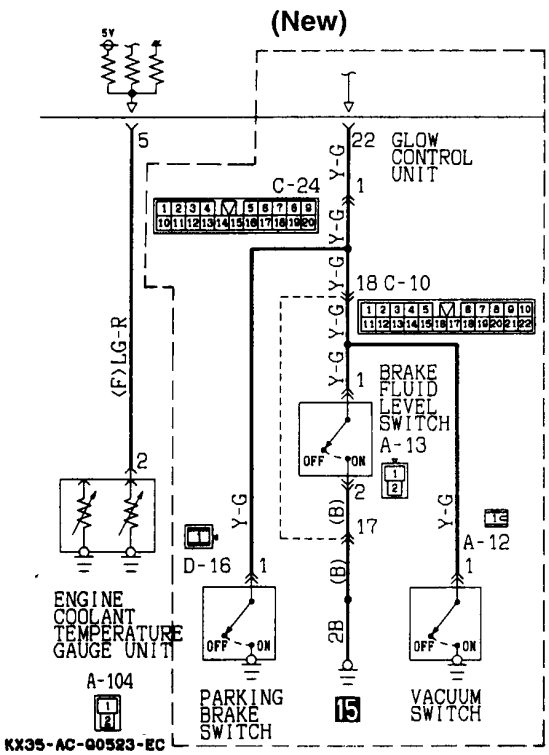
KX35-AC-00512-EC

GLOW SYSTEM

4M40 engine <With supercharging pressure relief solenoid valve>

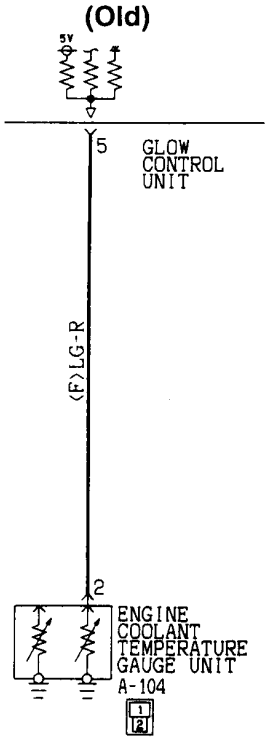
Revised EGR control system has changed this circuit.

(New)



KX35-AC-00523-EC

(Old)

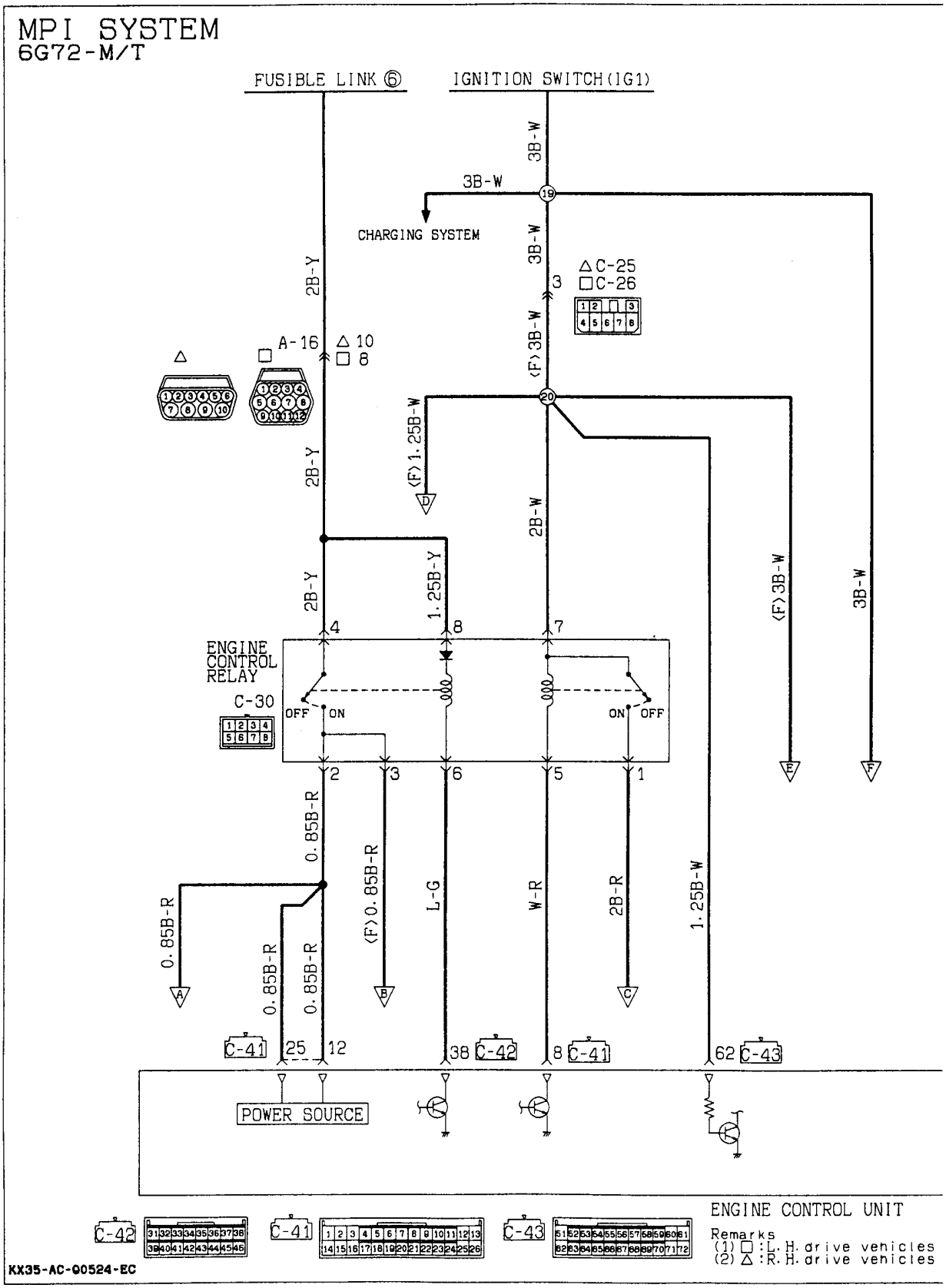


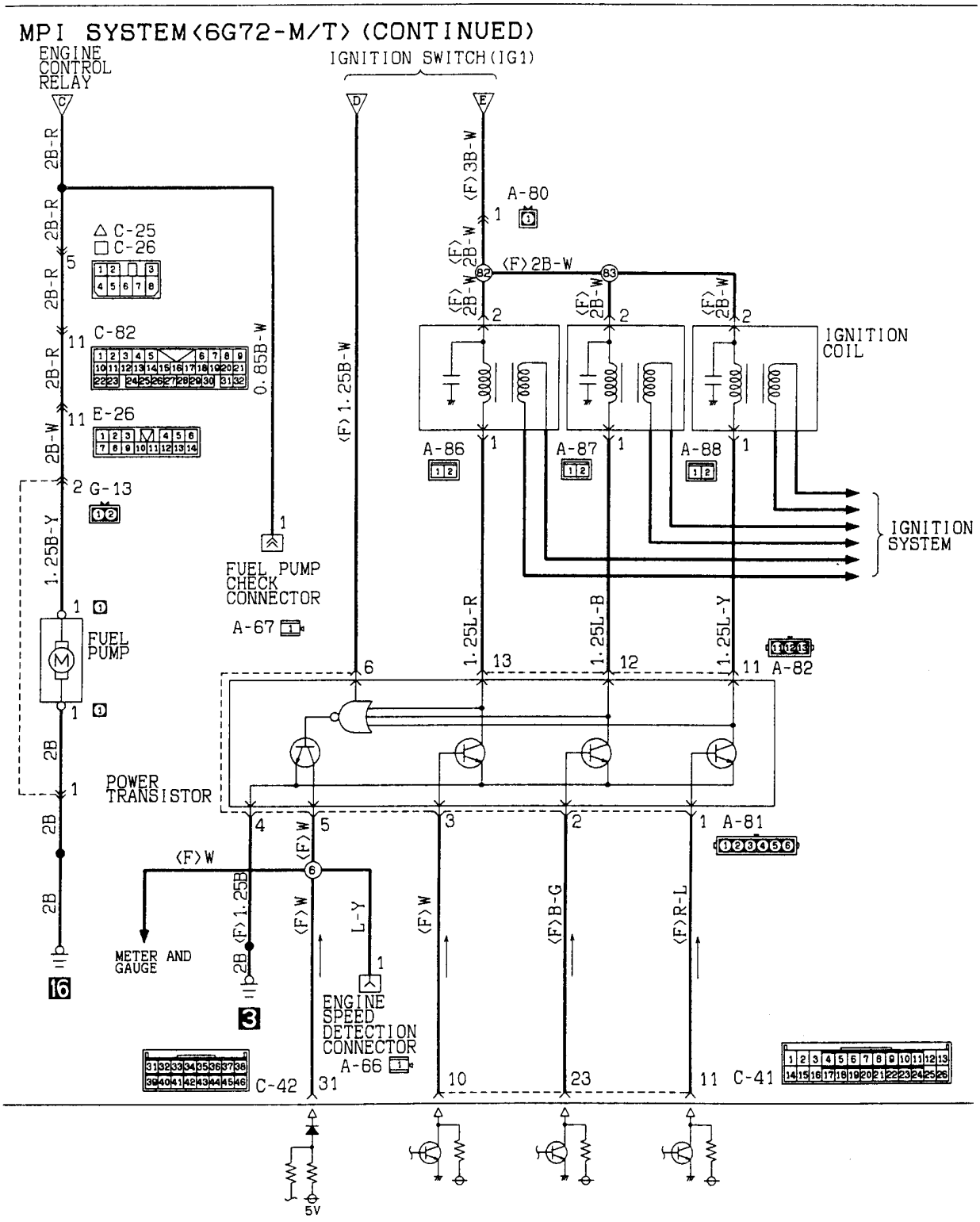
KX35-AC-00520-EC

MPI SYSTEM

6G72-M/T

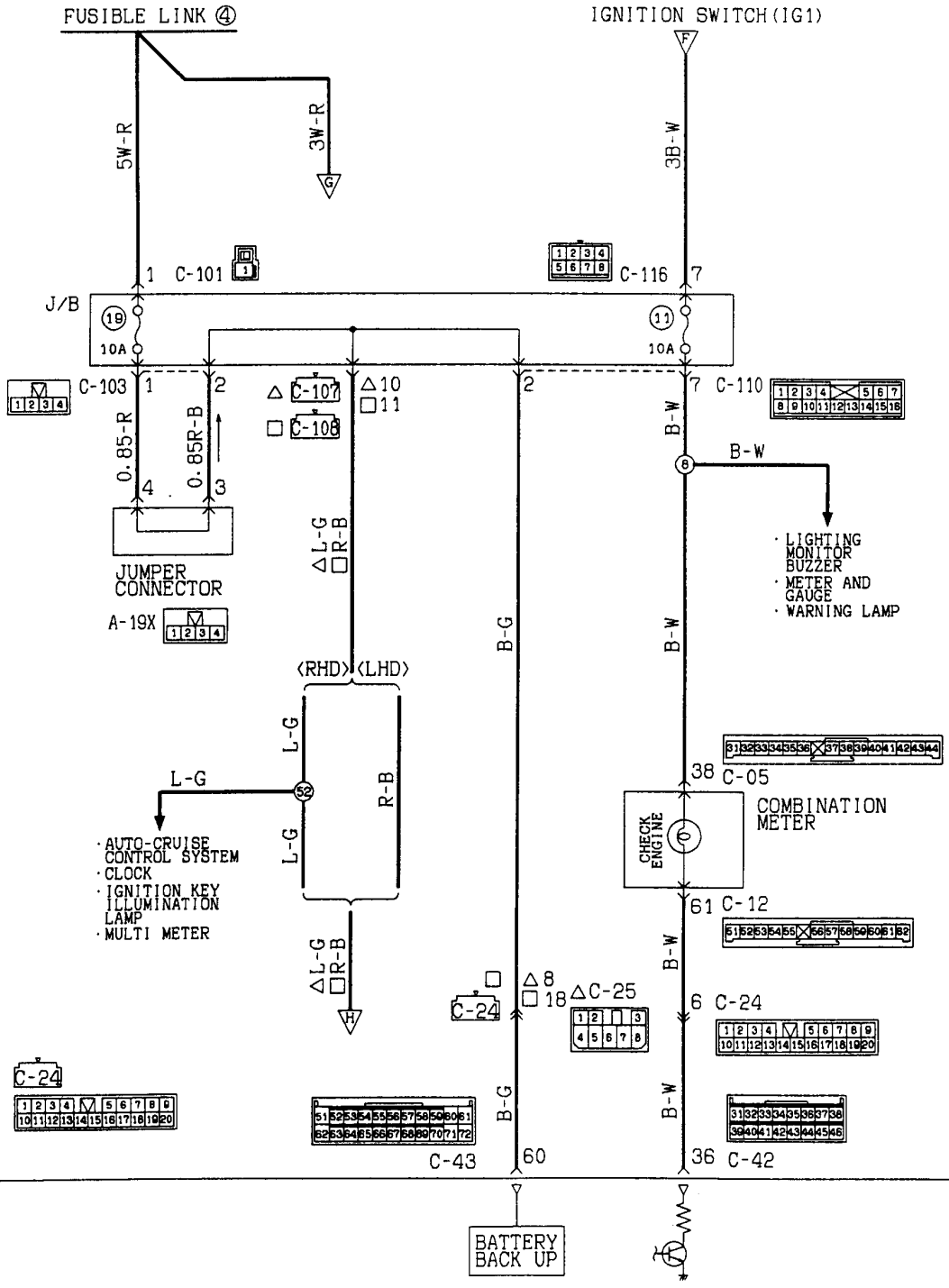
The circuit for '95 models has been established.





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	



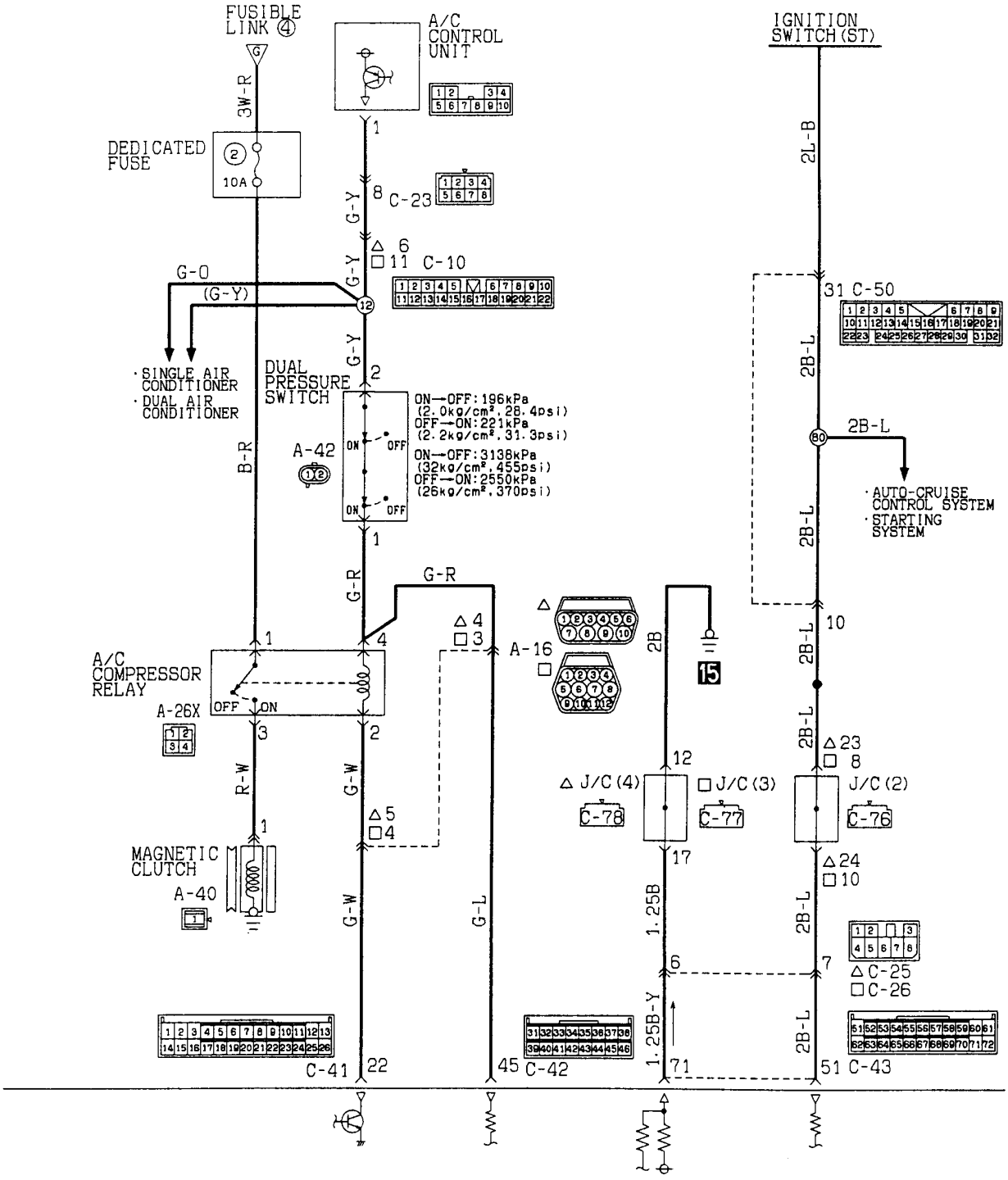
ENGINE CONTROL UNIT

KX35-AC-00524A-EC

C-107 C-108

Remarks
(1) □ : L. H. drive vehicles
(2) △ : R. H. drive vehicles

MPI SYSTEM<6G72-M/T> (CONTINUED)

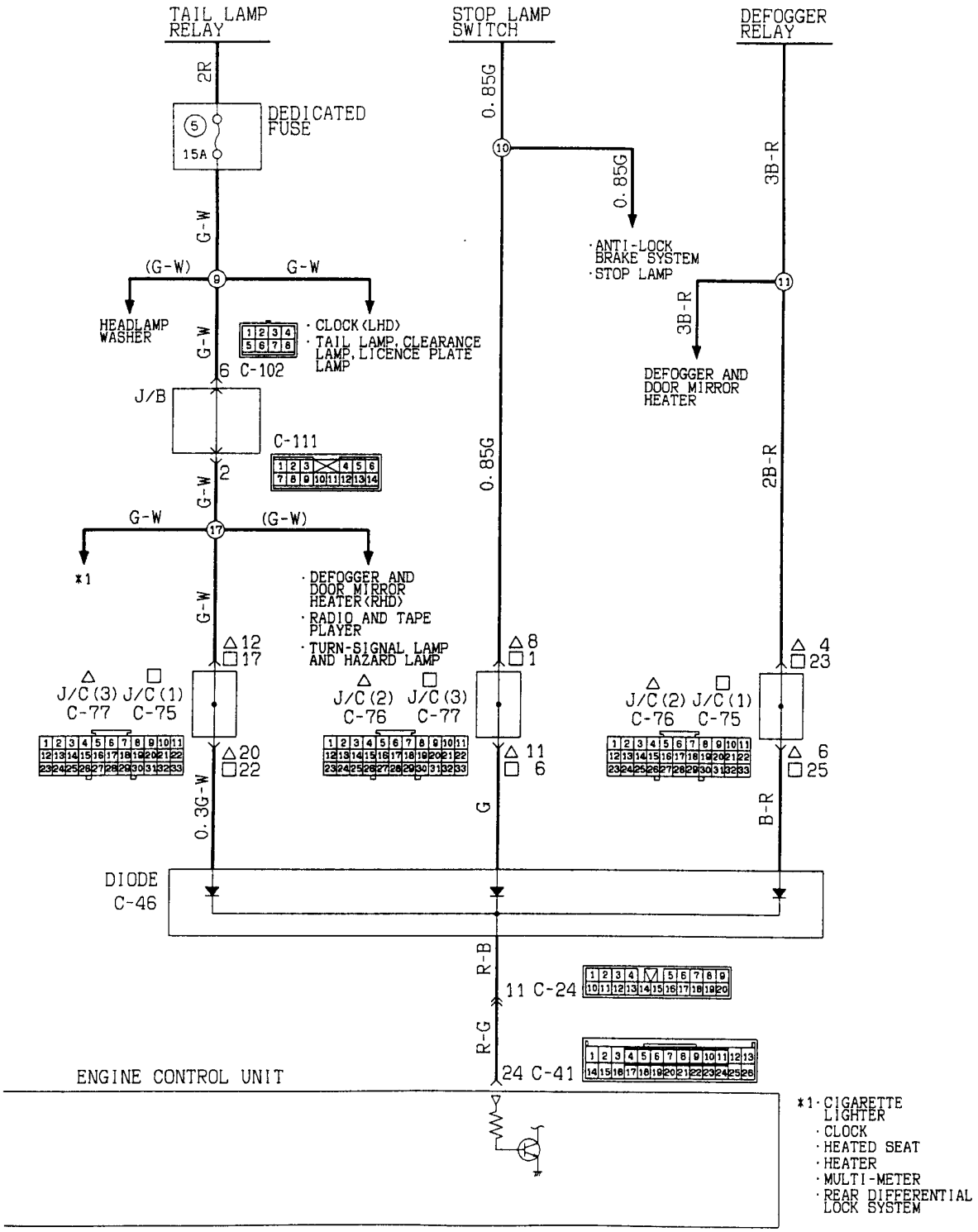


C-76 C-78

Wire colour code

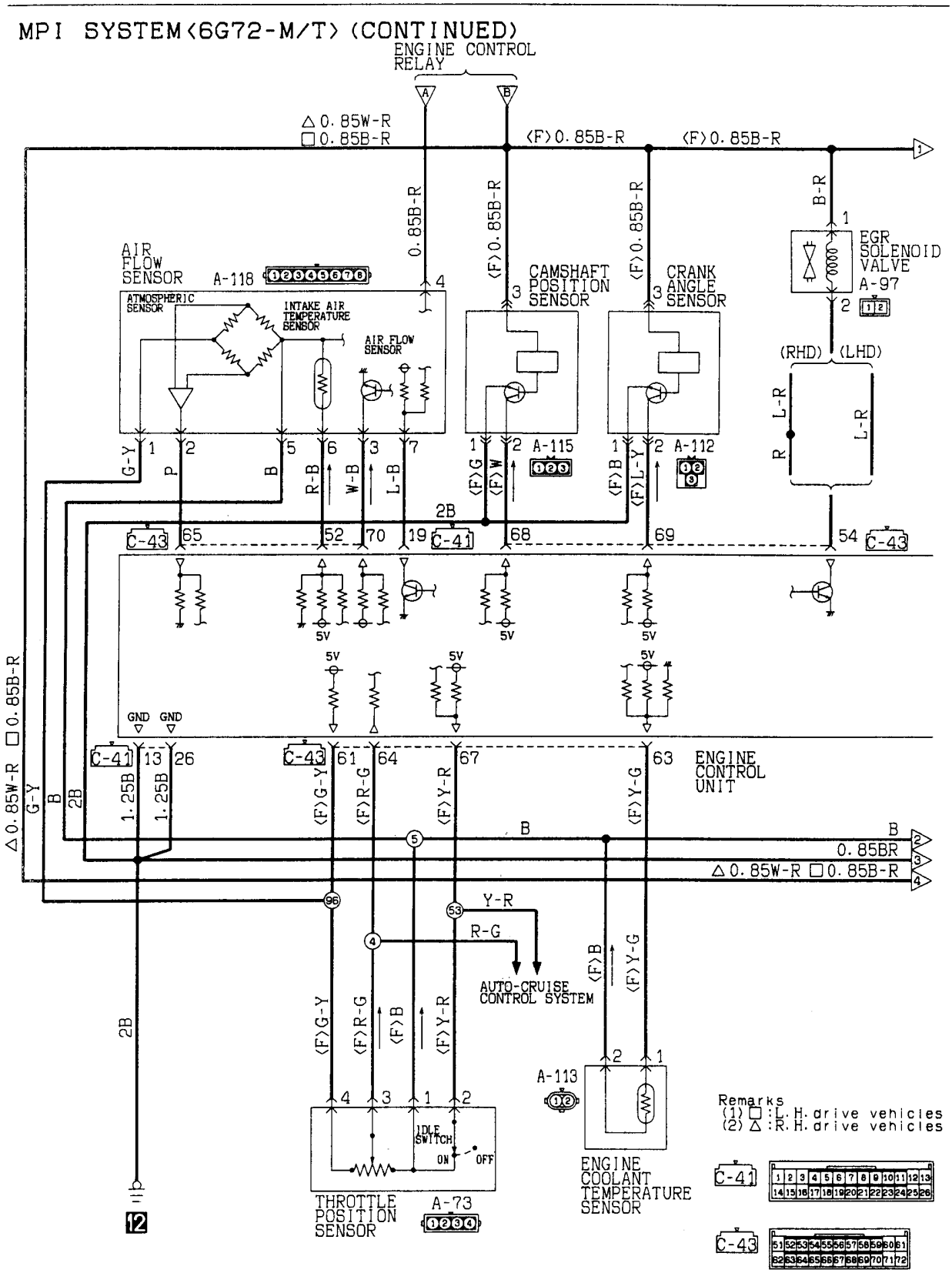
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

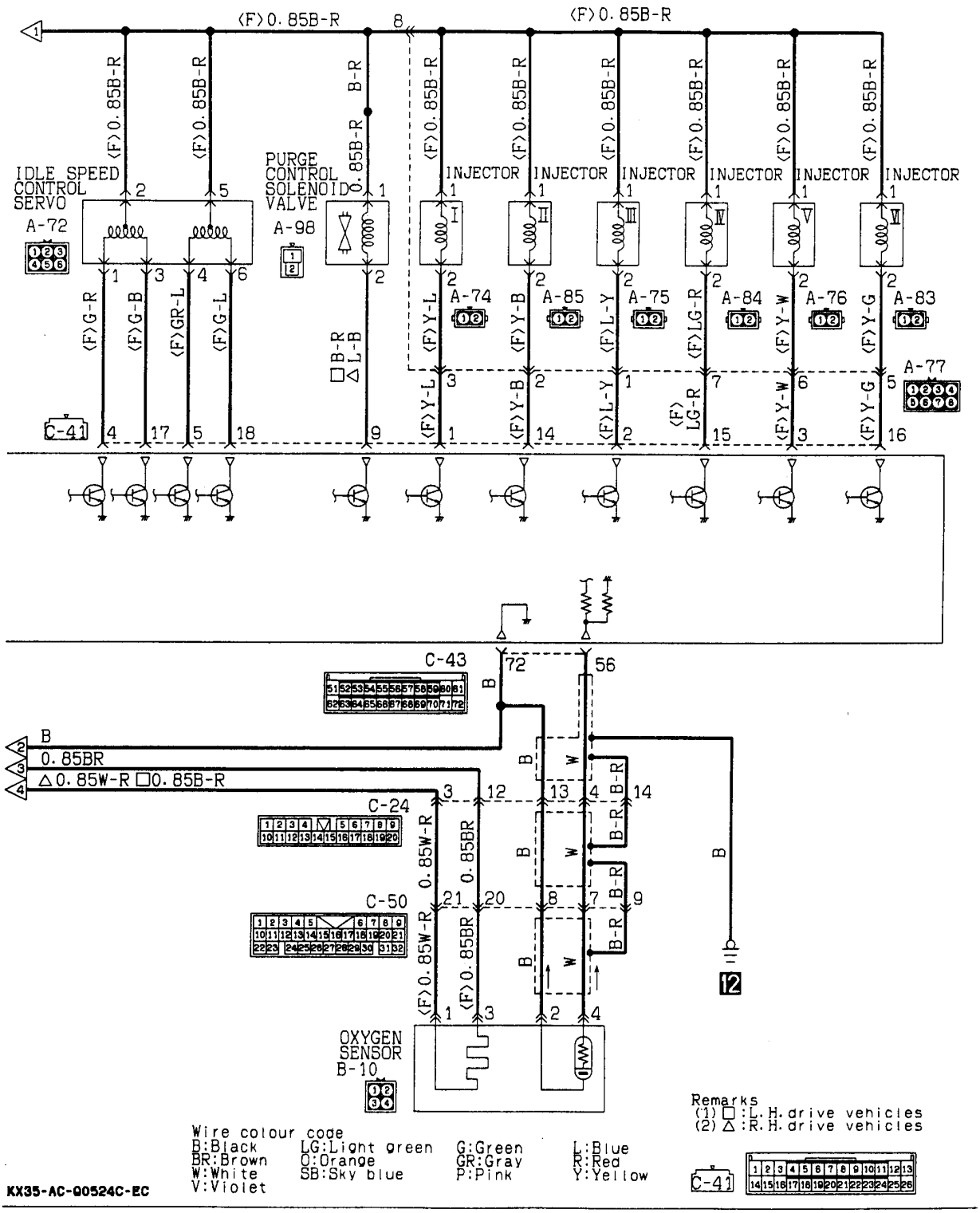
ENGINE CONTROL UNIT



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

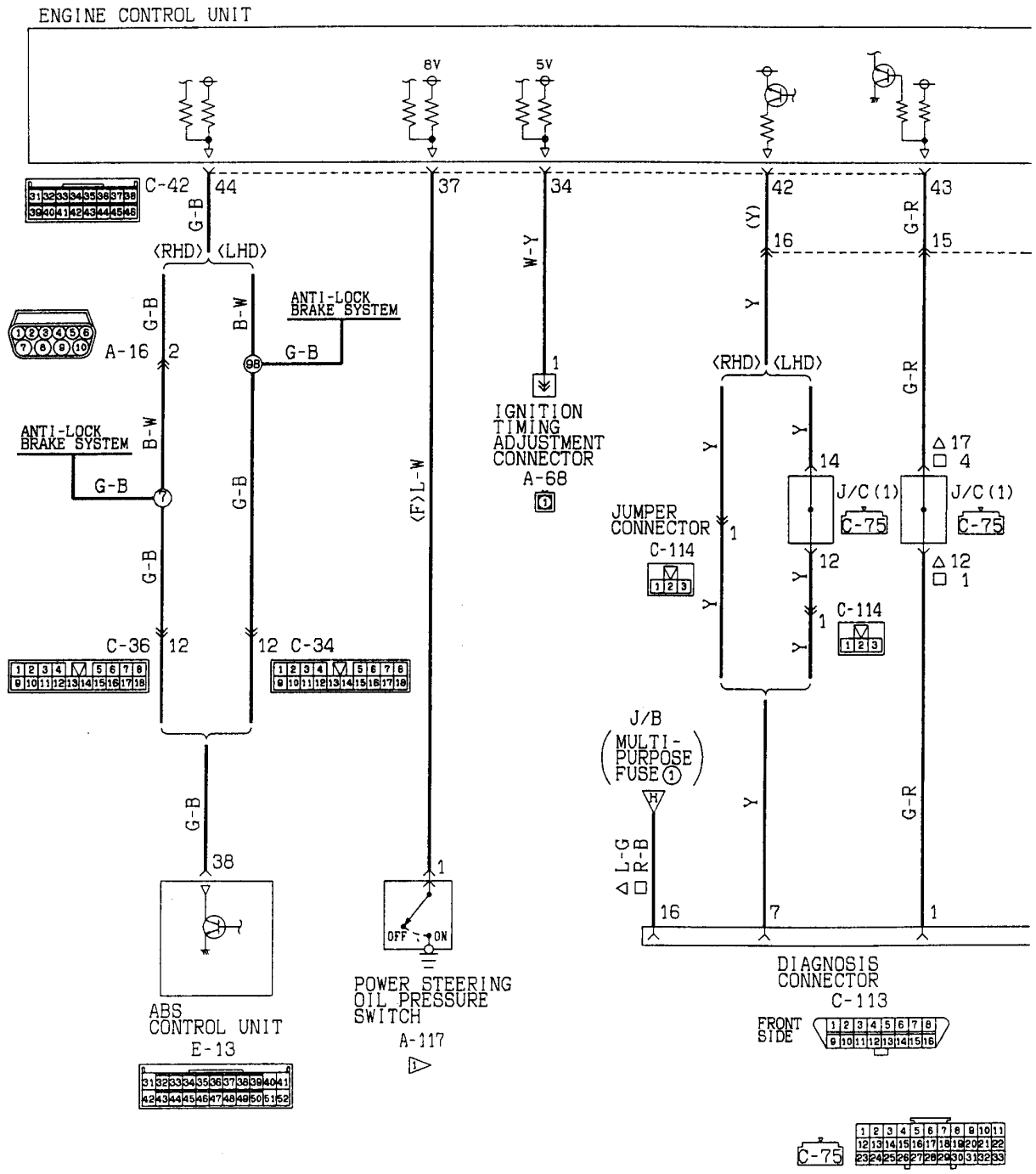
KX35-AC-00524B-EC

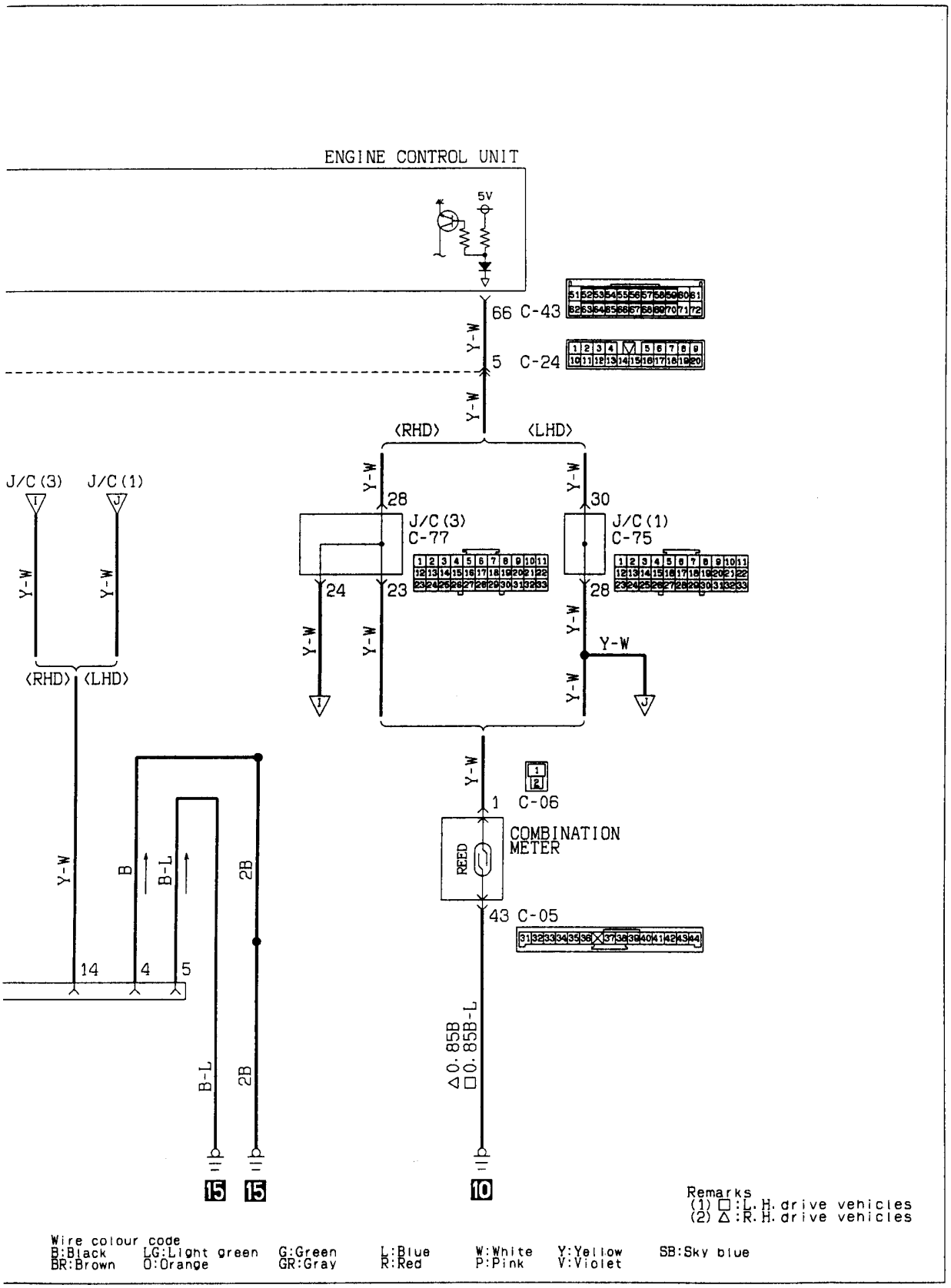

MPI SYSTEM<6G72-M/T> (CONTINUED)
ENGINE CONTROL RELAY
△0.85W-R
□0.85B-R
<F>0.85B-R
<F>0.85B-R
0.85B-R
<F>0.85B-R
<F>0.85B-R
B-R
AIR FLOW SENSOR
A-118
ATMOSPHERIC SENSOR
INTAKE AIR TEMPERATURE SENSOR
AIR FLOW SENSOR
CAMSHAFT POSITION SENSOR
CRANK ANGLE SENSOR
EGR SOLENOID VALVE
A-97
(RHD)
(LHD)
L-R
R
L-R
A-115
A-112
G-Y
P
B
R-B
W-B
L-B
<F>G
<F>W
<F>B
<F>L-Y
2B
C-43
C-41
C-43
65
52
70
19
68
69
54
5V
GND
GND
C-41
C-43
ENGINE CONTROL UNIT
1.25B
1.25B
<F>G-Y
<F>R-G
<F>Y-R
<F>Y-G
0.85BR
△0.85W-R □0.85B-R
Y-R
R-G
AUTO-CRUISE CONTROL SYSTEM
<F>B
<F>Y-G
A-113
IDLE SWITCH
ON
OFF
THROTTLE POSITION SENSOR
A-73
ENGINE COOLANT TEMPERATURE SENSOR
Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles
C-41
C-43



KX35-AC-00524C-EC

MPI SYSTEM<6G72-M/T> (CONTINUED)

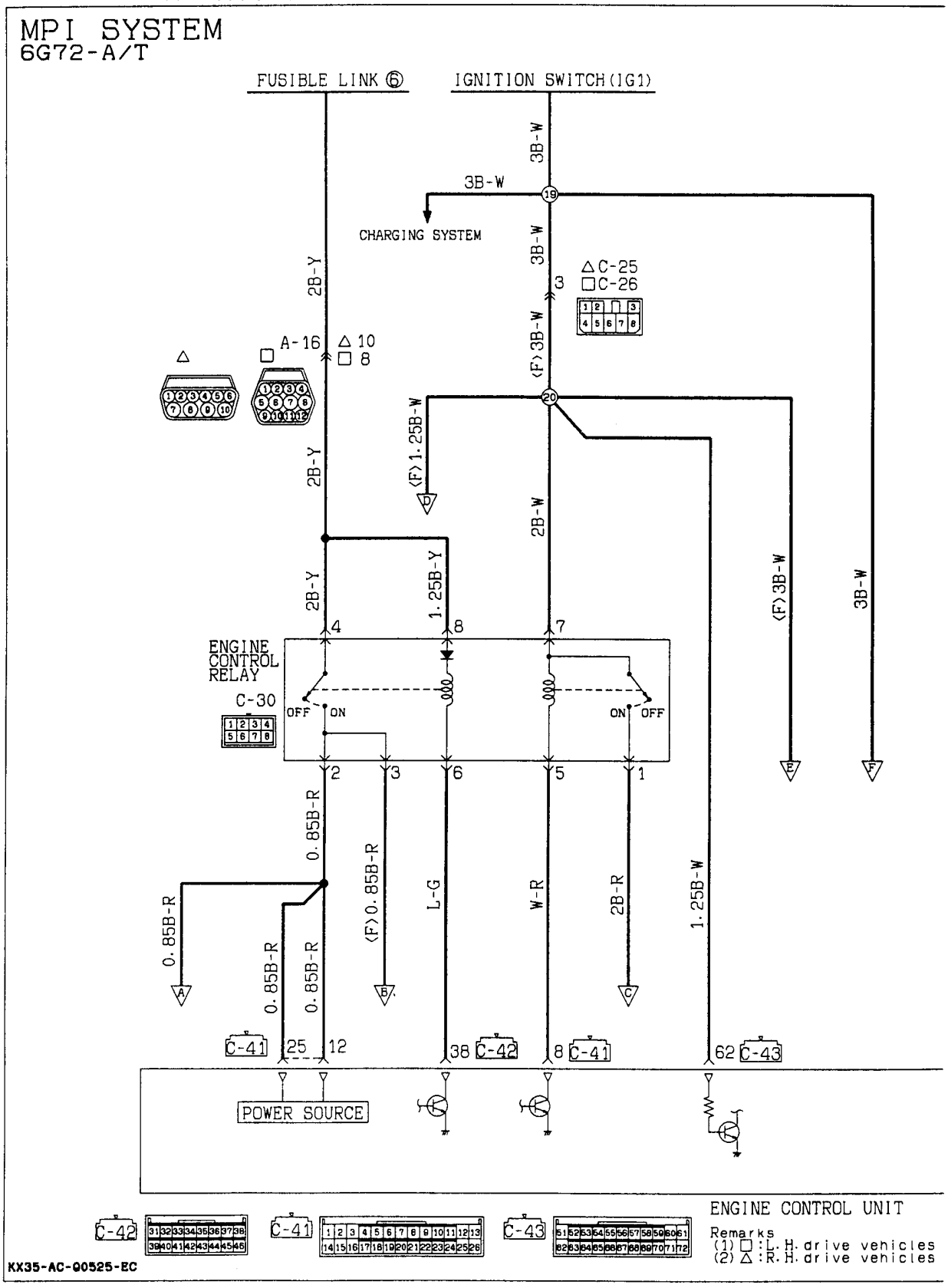


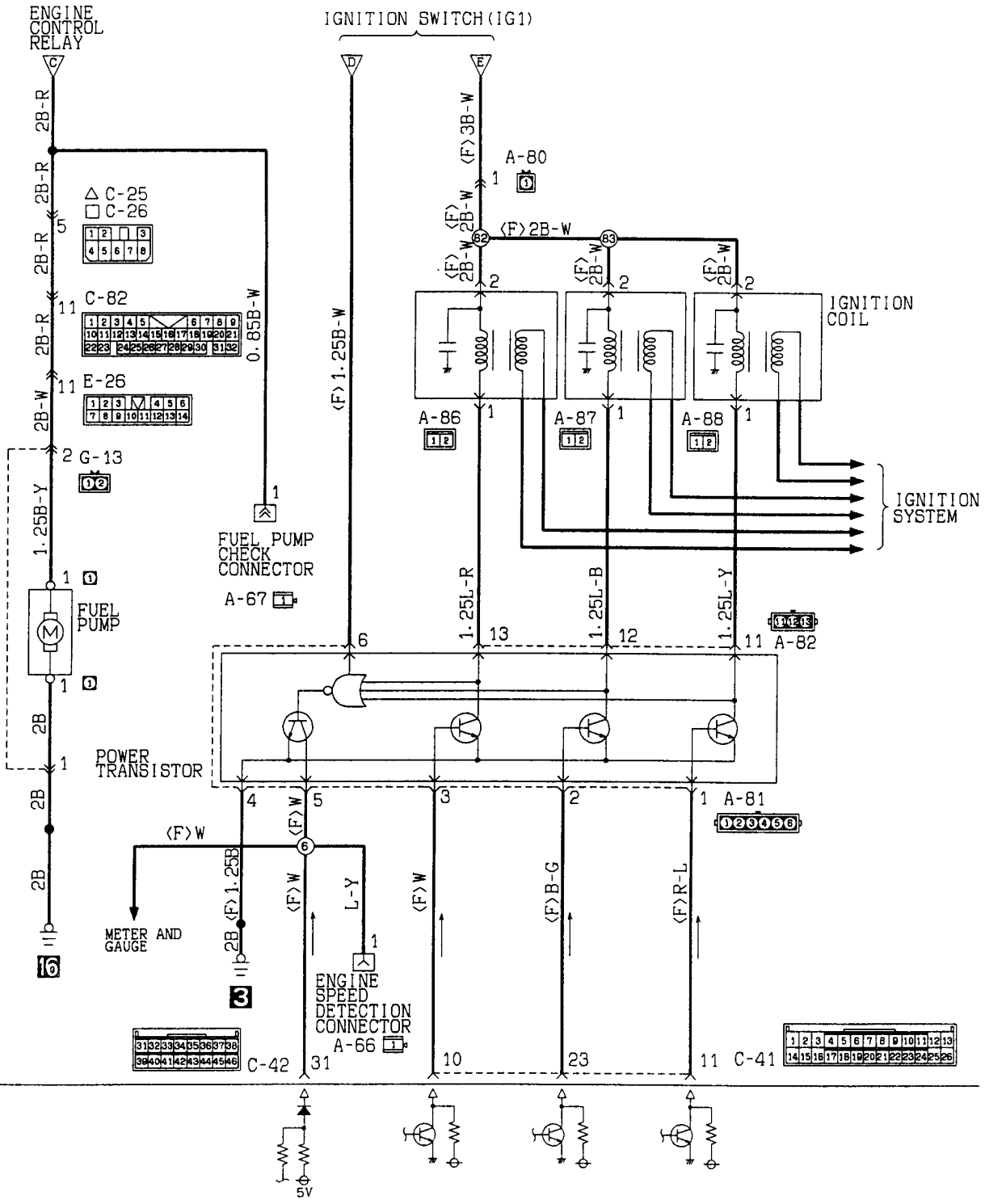

ENGINE CONTROL UNIT
5V
66 C-43
Y-W
5 C-24
Y-W
(RHD)
(LHD)
J/C (3)
J/C (1)
Y-W
28
30
J/C (3)
C-77
J/C (1)
C-75
24
23
28
Y-W
Y-W
Y-W
Y-W
Y-W
Y-W
Y-W
1 C-06
COMBINATION METER
REED
43 C-05
14
4
5
B
B-L
2B
B-L
2B
△0.85B
□0.85B-L
15
15
10
Remarks
(1) □: L.H. drive vehicles
(2) △: R.H. drive vehicles
Wire colour code
B:Black
BR:Brown
LG:Light green
O:Orange
G:Green
GR:Gray
L:Blue
R:Red
W:White
P:Pink
Y:Yellow
V:Violet
SB:Sky blue

MPI SYSTEM

6G72-A/T

The circuit for '95 models has been established.

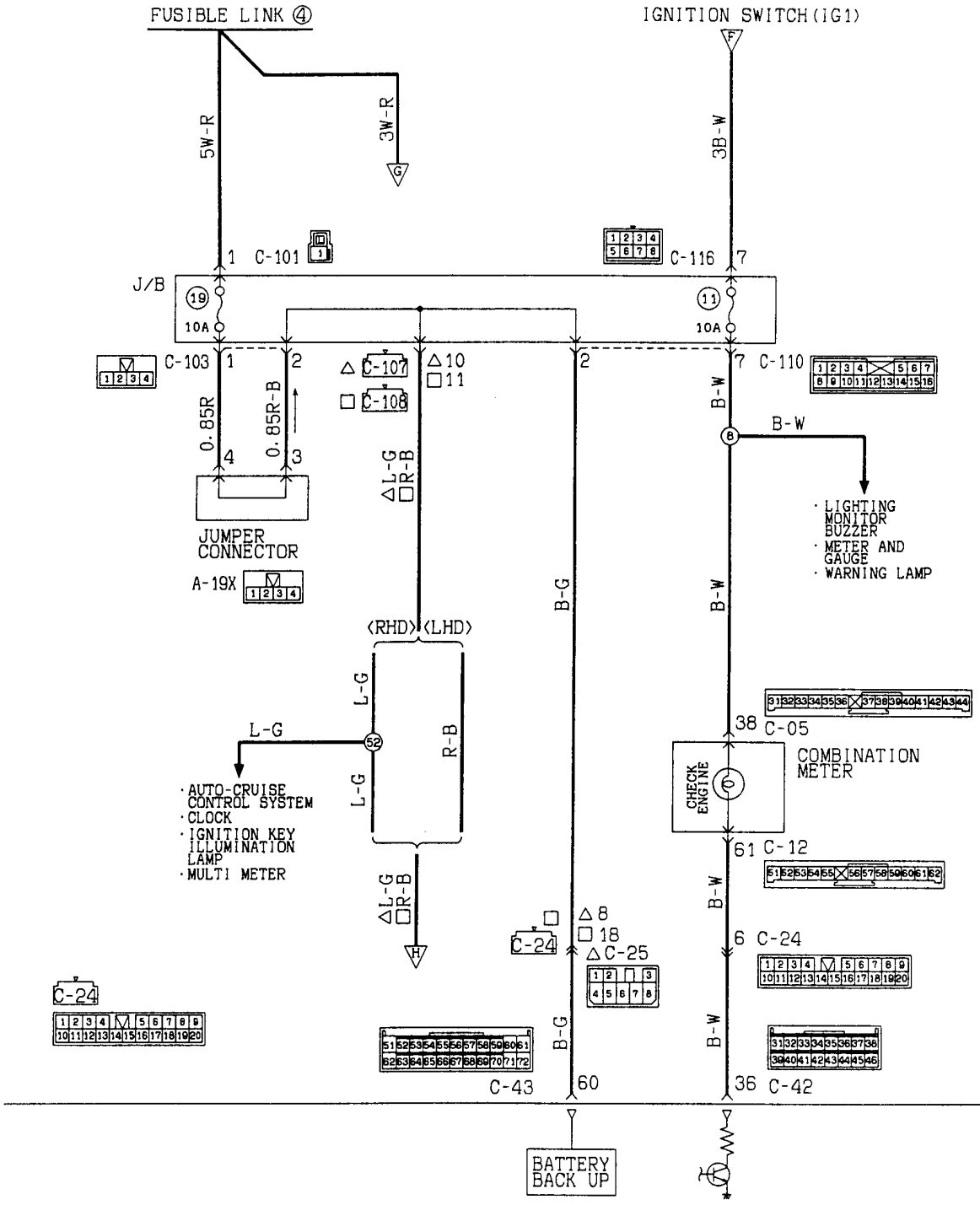




Wire colour code

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	

MPI SYSTEM<6G72-A/T> (CONTINUED)

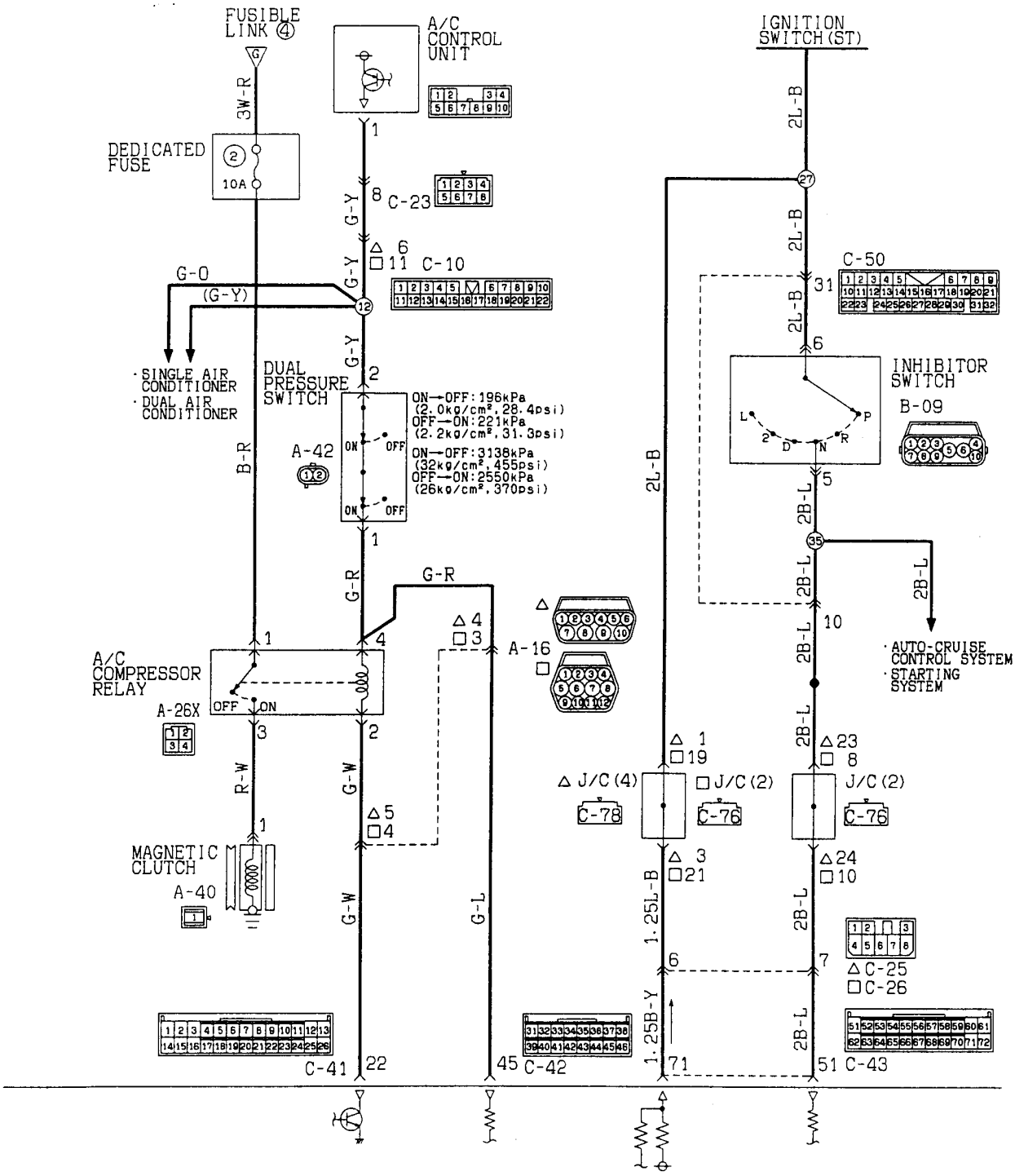


ENGINE CONTROL UNIT

KX35-AC-00525A-EC

C-107 C-108

Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles

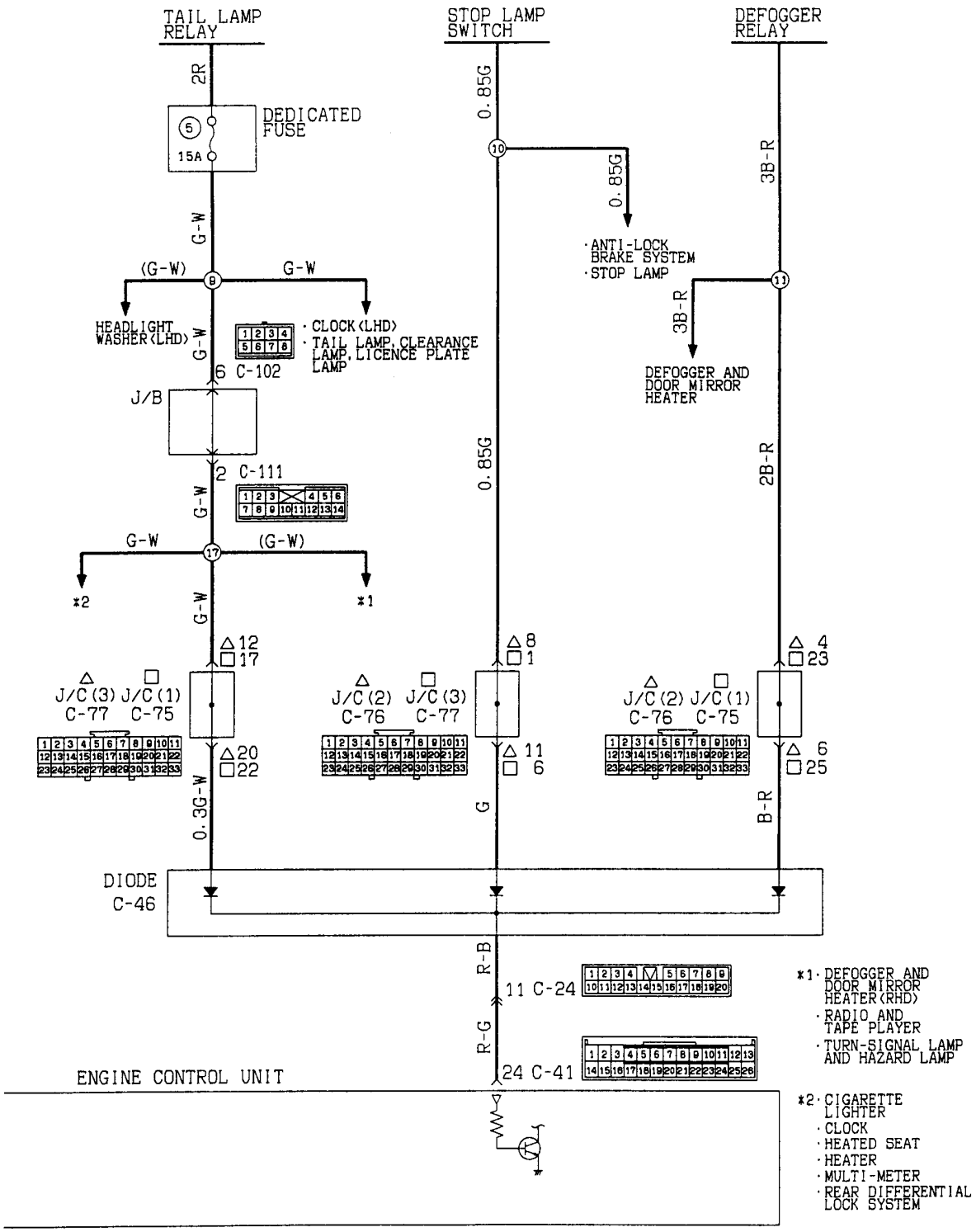


C-76
C-78

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

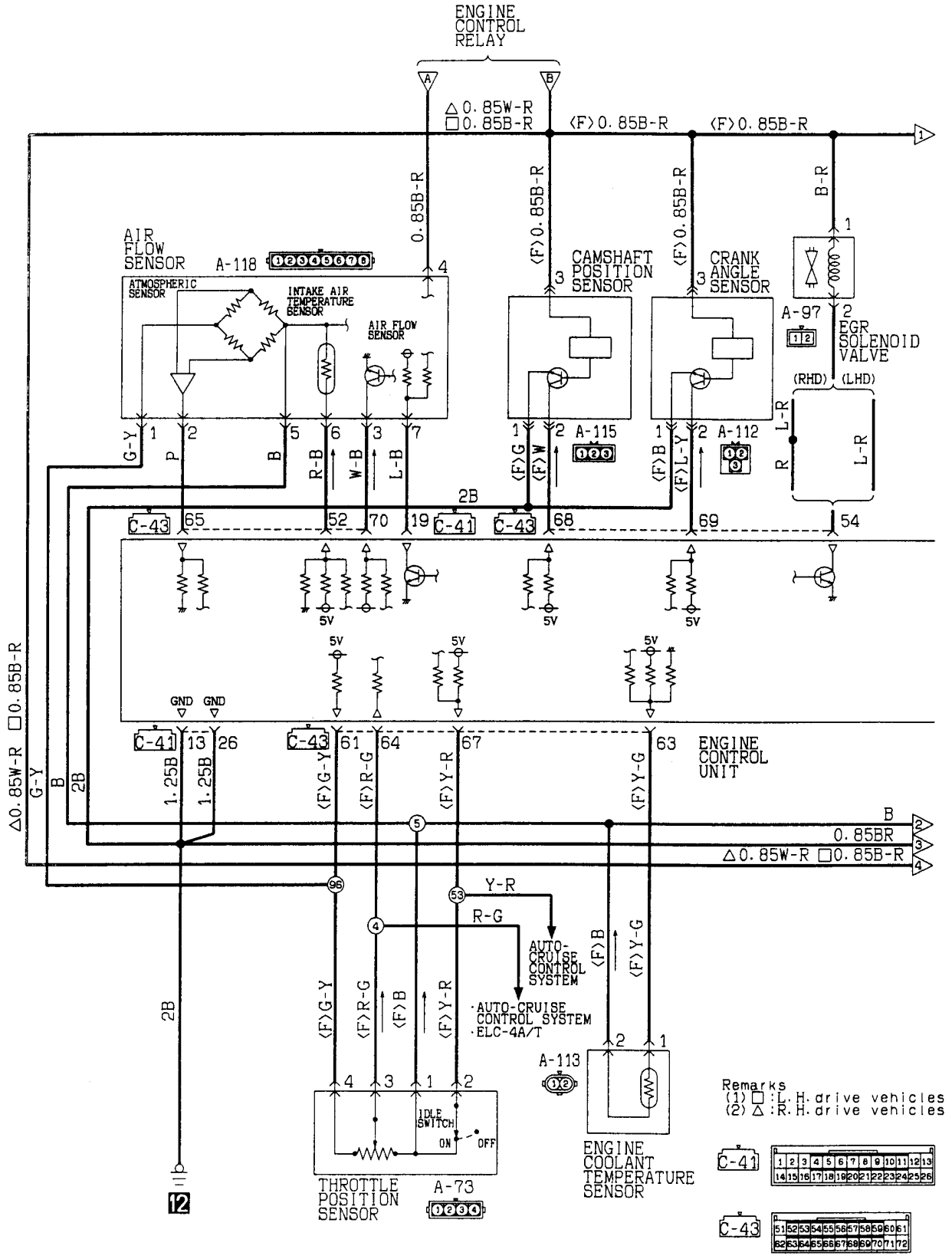
ENGINE CONTROL UNIT

MPI SYSTEM<6G72-A/T> (CONTINUED)

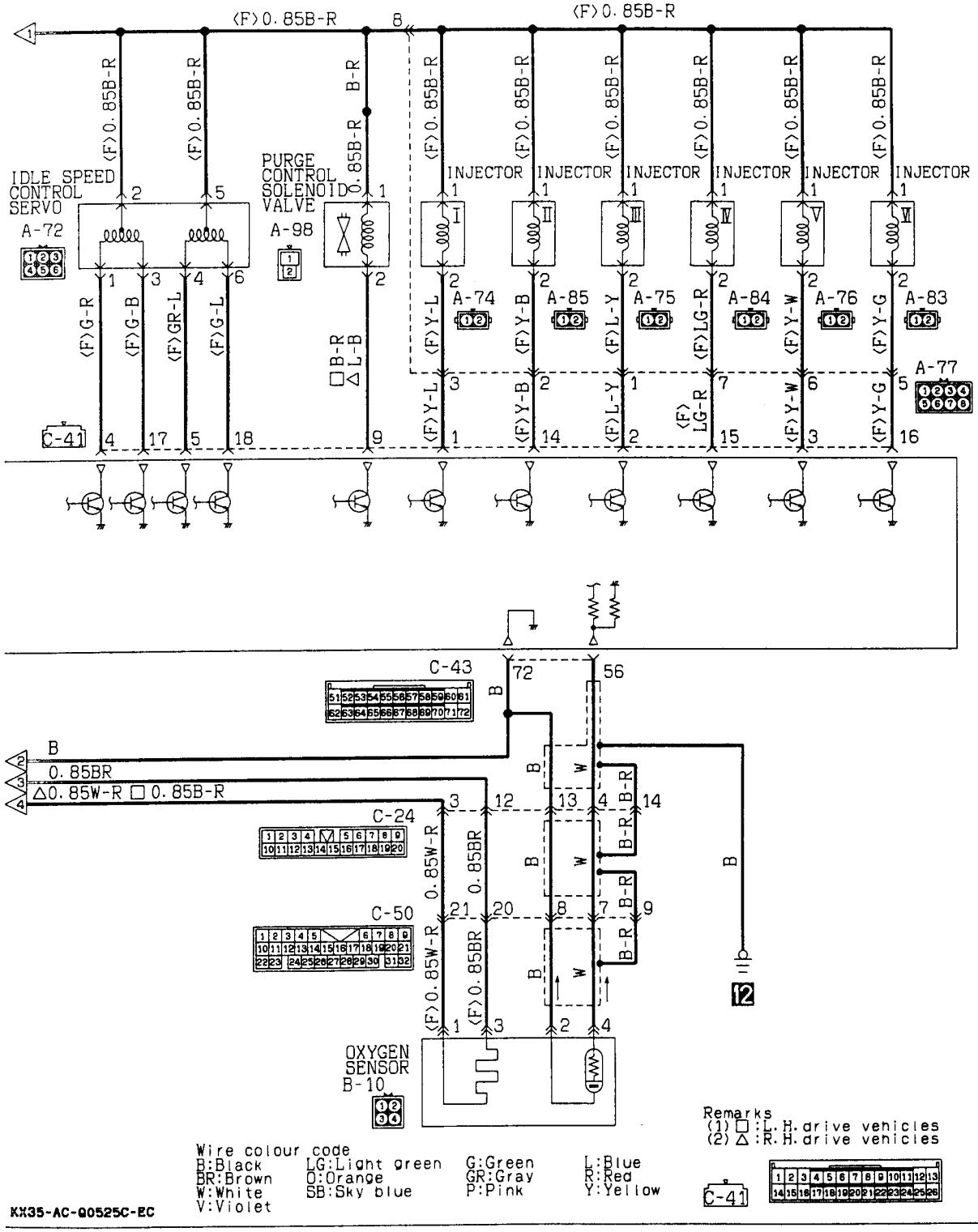


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

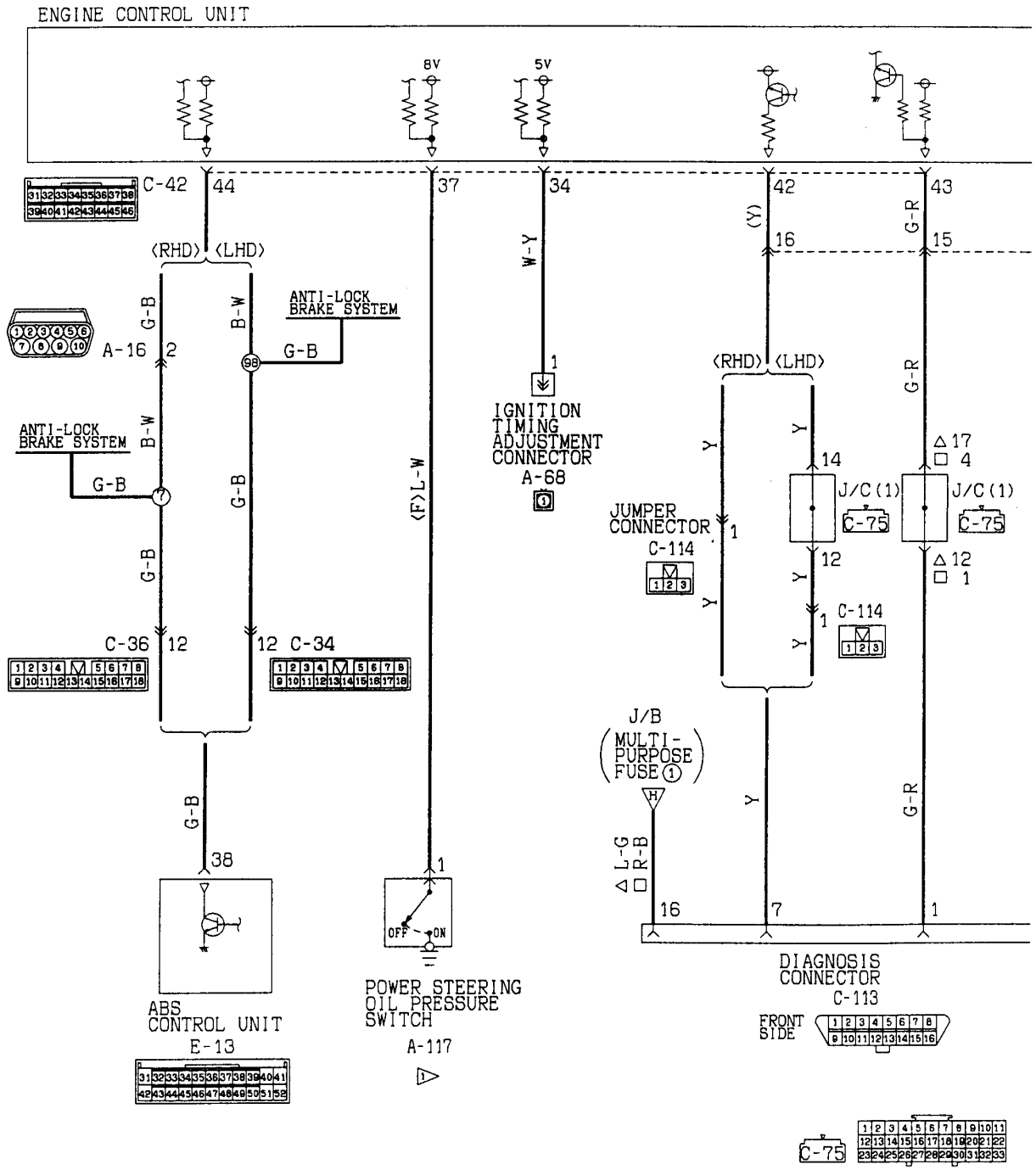
KX35-AC-00525B-EC


ENGINE CONTROL RELAY
△0.85W-R □0.85B-R
⟨F⟩0.85B-R
⟨F⟩0.85B-R
B-R
AIR FLOW SENSOR
A-118
ATMOSPHERIC SENSOR
INTAKE AIR TEMPERATURE SENSOR
AIR FLOW SENSOR
CAMSHAFT POSITION SENSOR
CRANK ANGLE SENSOR
A-97
EGR SOLENOID VALVE
(RHD)
(LHD)
A-115
A-112
2B
C-43
C-41
5V
GND
ENGINE CONTROL UNIT
0.85BR
△0.85W-R □0.85B-R
Y-R
R-G
AUTO-CRUISE CONTROL SYSTEM
·AUTO-CRUISE CONTROL SYSTEM
·ELC-4A/T
A-113
IDLE SWITCH
ON
OFF
THROTTLE POSITION SENSOR
A-73
ENGINE COOLANT TEMPERATURE SENSOR
Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles
C-41
C-43

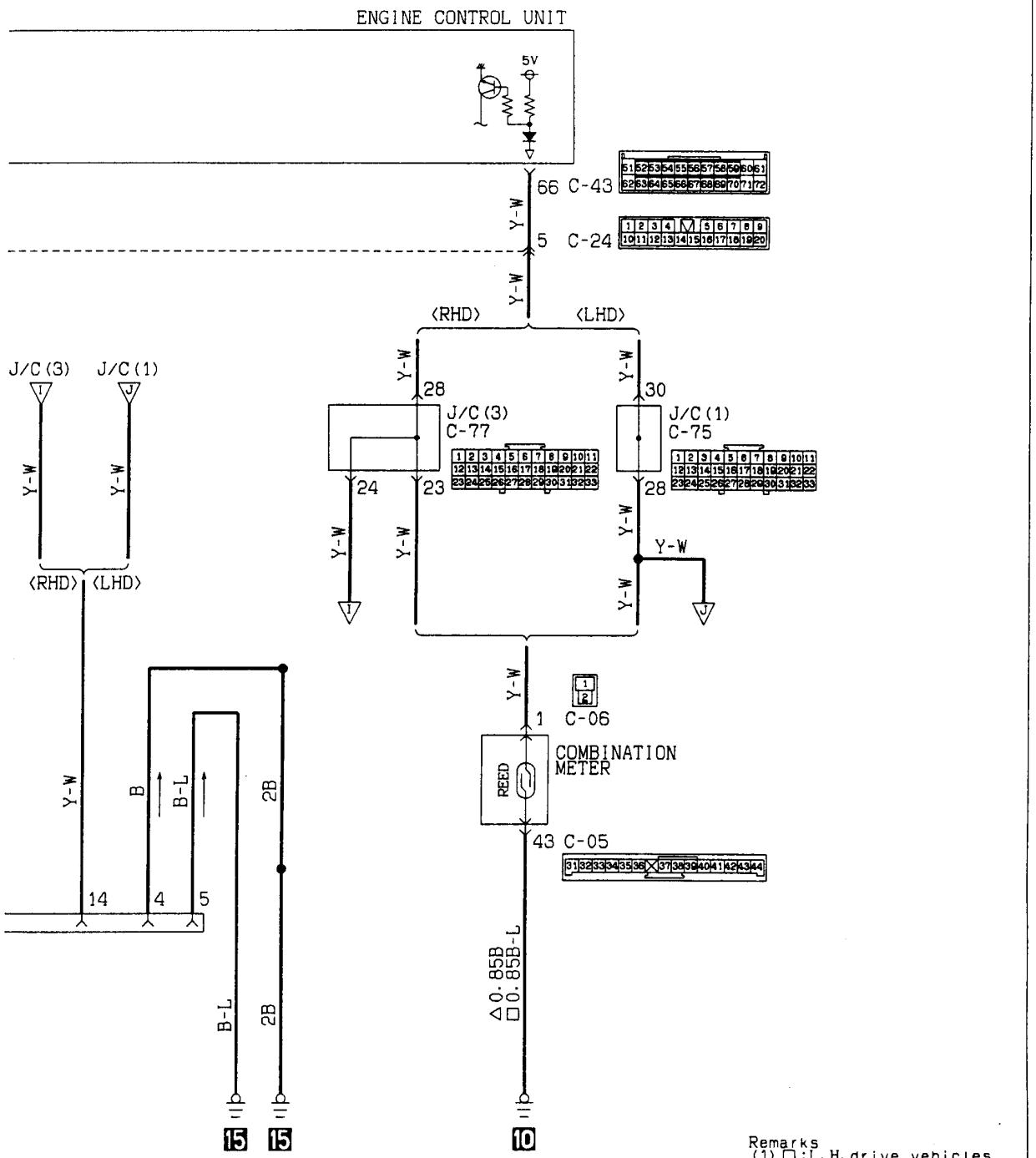
MPI SYSTEM<6G72-A/T> (CONTINUED)



KX35-AC-00525C-EC


ENGINE CONTROL UNIT
8V
5V
C-42
44
37
34
42
43
(RHD) (LHD)
W-Y
(Y)
G-R
16
15
ANTI-LOCK BRAKE SYSTEM
G-B
B-W
A-16
2
98
1
IGNITION TIMING ADJUSTMENT CONNECTOR
A-68
(RHD) (LHD)
G-R
ANTI-LOCK BRAKE SYSTEM
B-W
G-B
7
(F)L-W
Y
14
17
4
J/C (1)
C-75
JUMPER CONNECTOR
C-114
1
12
C-36
12
12 C-34
C-114
J/B (MULTI-PURPOSE FUSE 1)
38
1
L-G
R-B
16
7
1
DIAGNOSIS CONNECTOR
C-113
FRONT SIDE
OFF
ON
ABS CONTROL UNIT
E-13
POWER STEERING OIL PRESSURE SWITCH
A-117
C-75

MPI SYSTEM<6G72-A/T> (CONTINUED)



Remarks
(1) □: L. H. drive vehicles
(2) △: R. H. drive vehicles

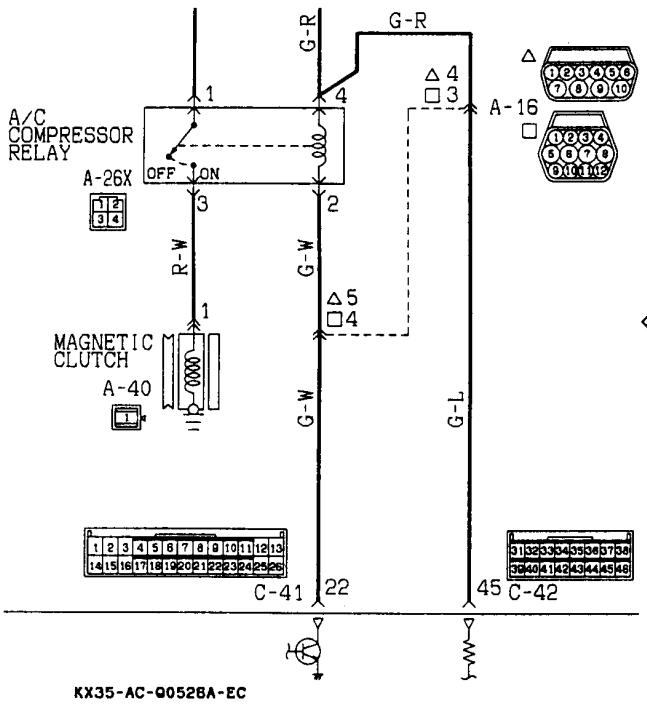
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

MPI SYSTEM

6G74 engine-M/T

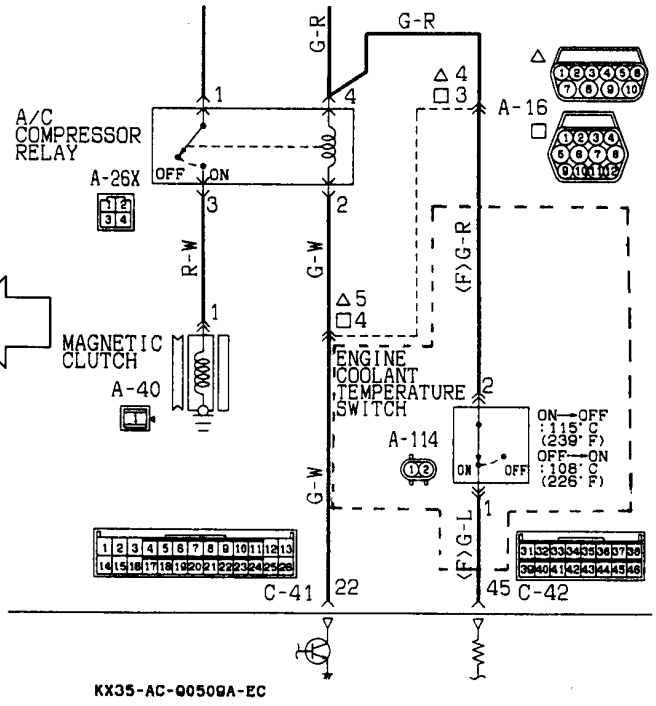
- The engine coolant temperature switch has been abolished.

(New)



KX35-AC-00528A-EC

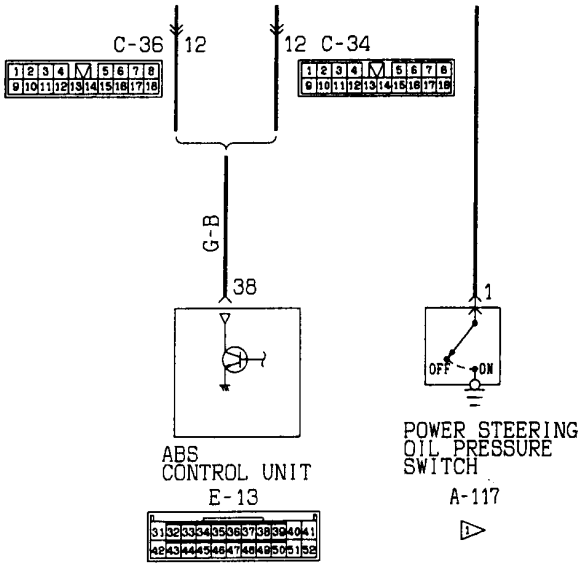
(Old)



KX35-AC-00509A-EC

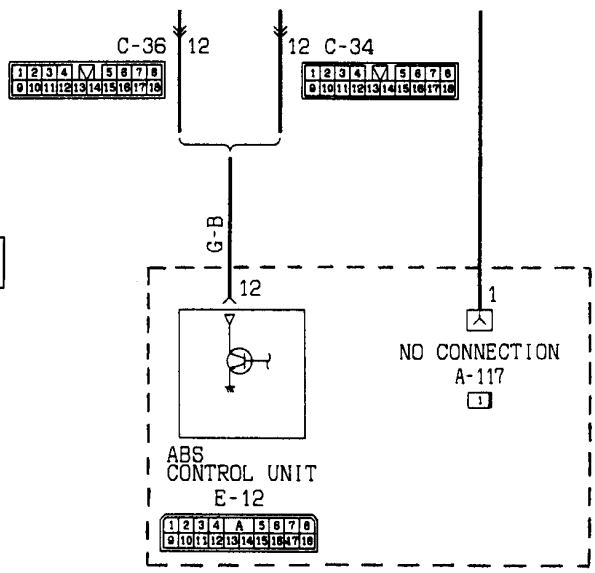
- The ABS control unit has been changed.
- The power steering oil pressure switch has been added.

(New)



KX35-AC-00528D-EC

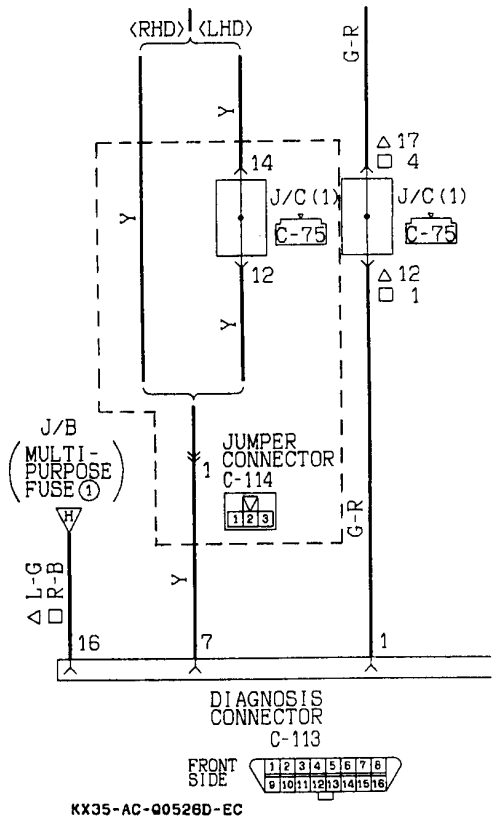
(Old)



KX35-AC-00509D-EC

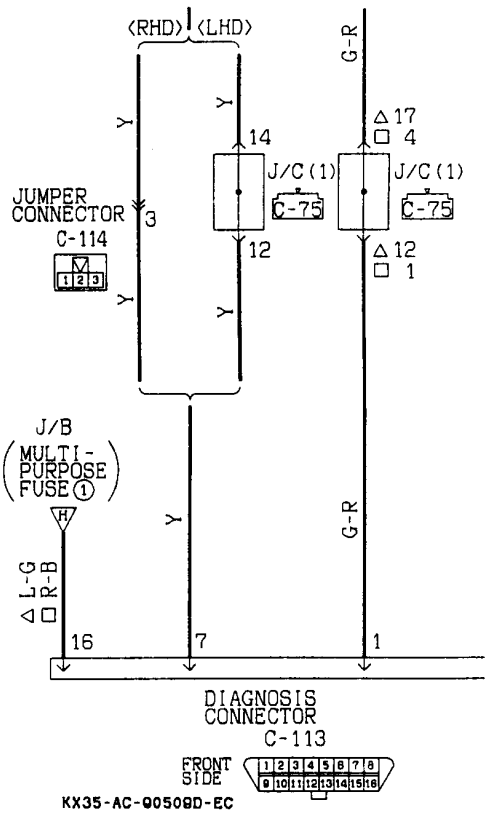
- The jumper connector has been added. <L.H. drive vehicles>

(New)



KX35-AC-Q0526D-EC

(Old)



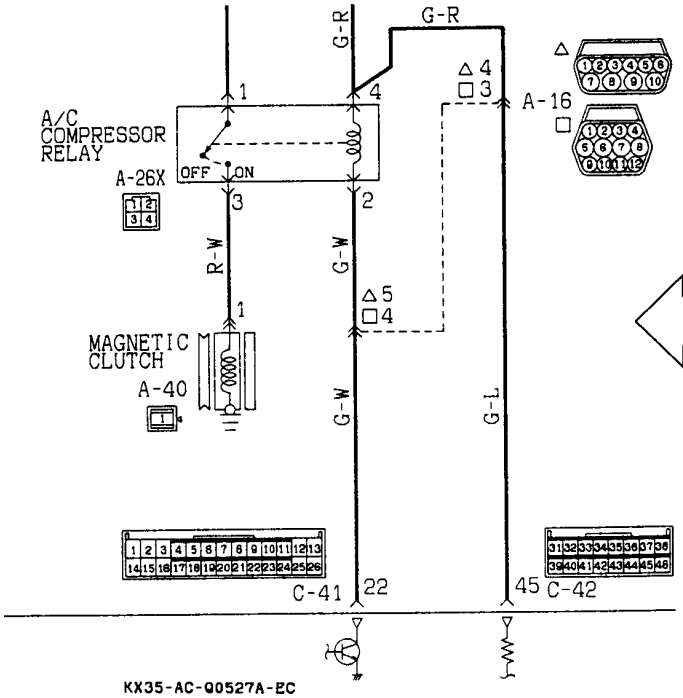
KX35-AC-Q0509D-EC

MPI SYSTEM

6G74 engine-A/T

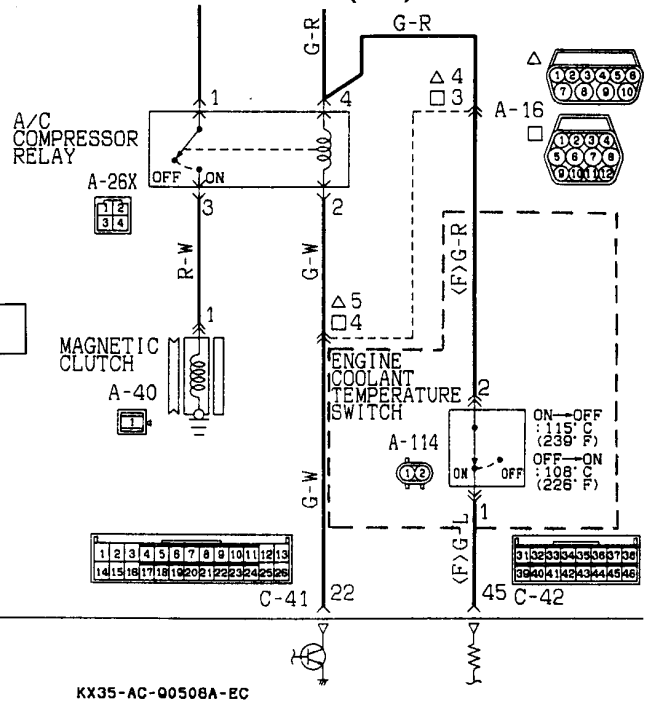
- The engine coolant temperature switch has been abolished.

(New)



KX35-AC-Q0527A-EC

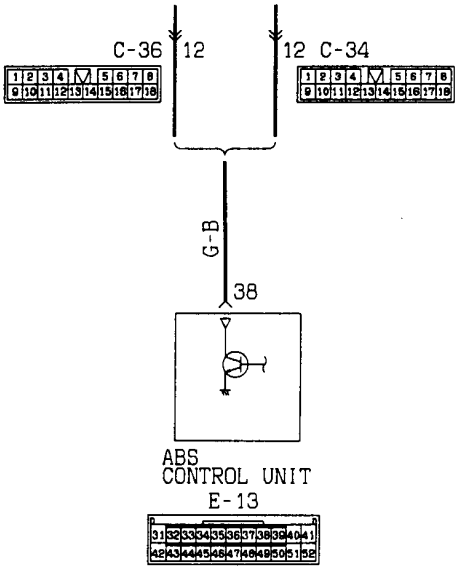
(Old)



KX35-AC-Q0508A-EC

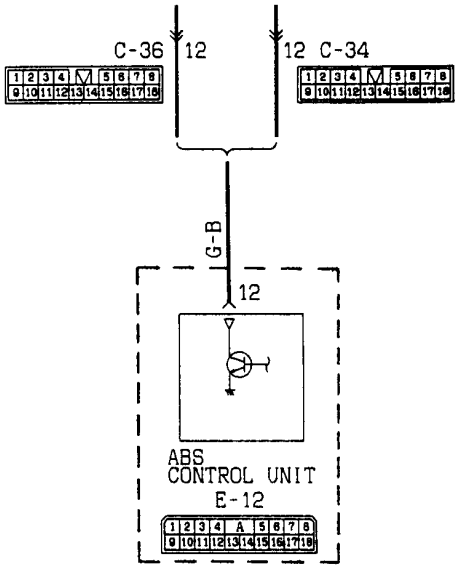
- The ABS control unit has been changed.

(New)



KX35-AC-00527D-EC

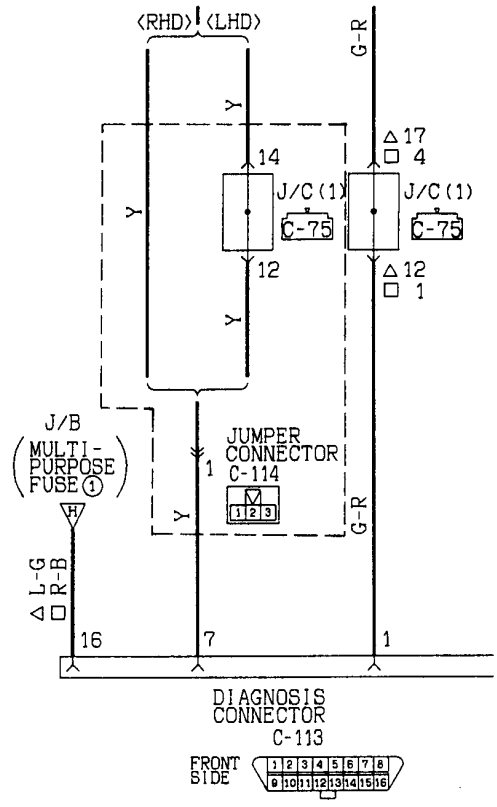
(Old)



KX35-AC-00508D-EC

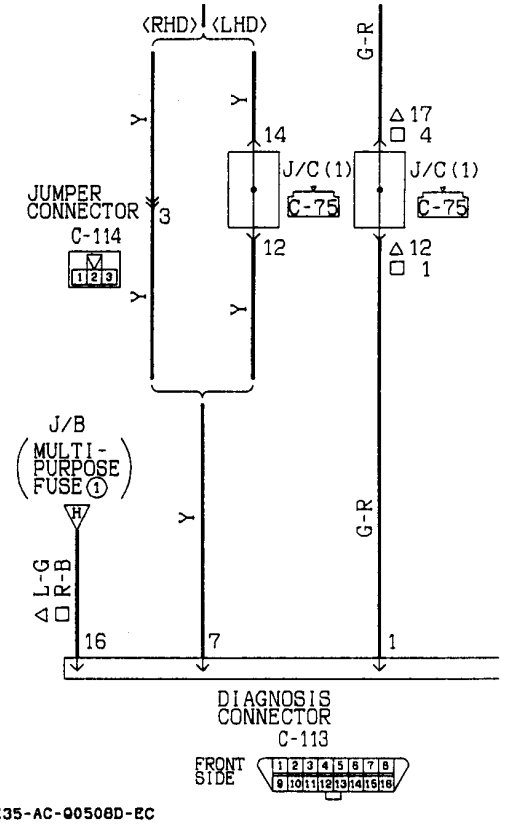
- The jumper connector has been added. <L.H. drive vehicles>

(New)



KX35-AC-00527D-EC

(Old)

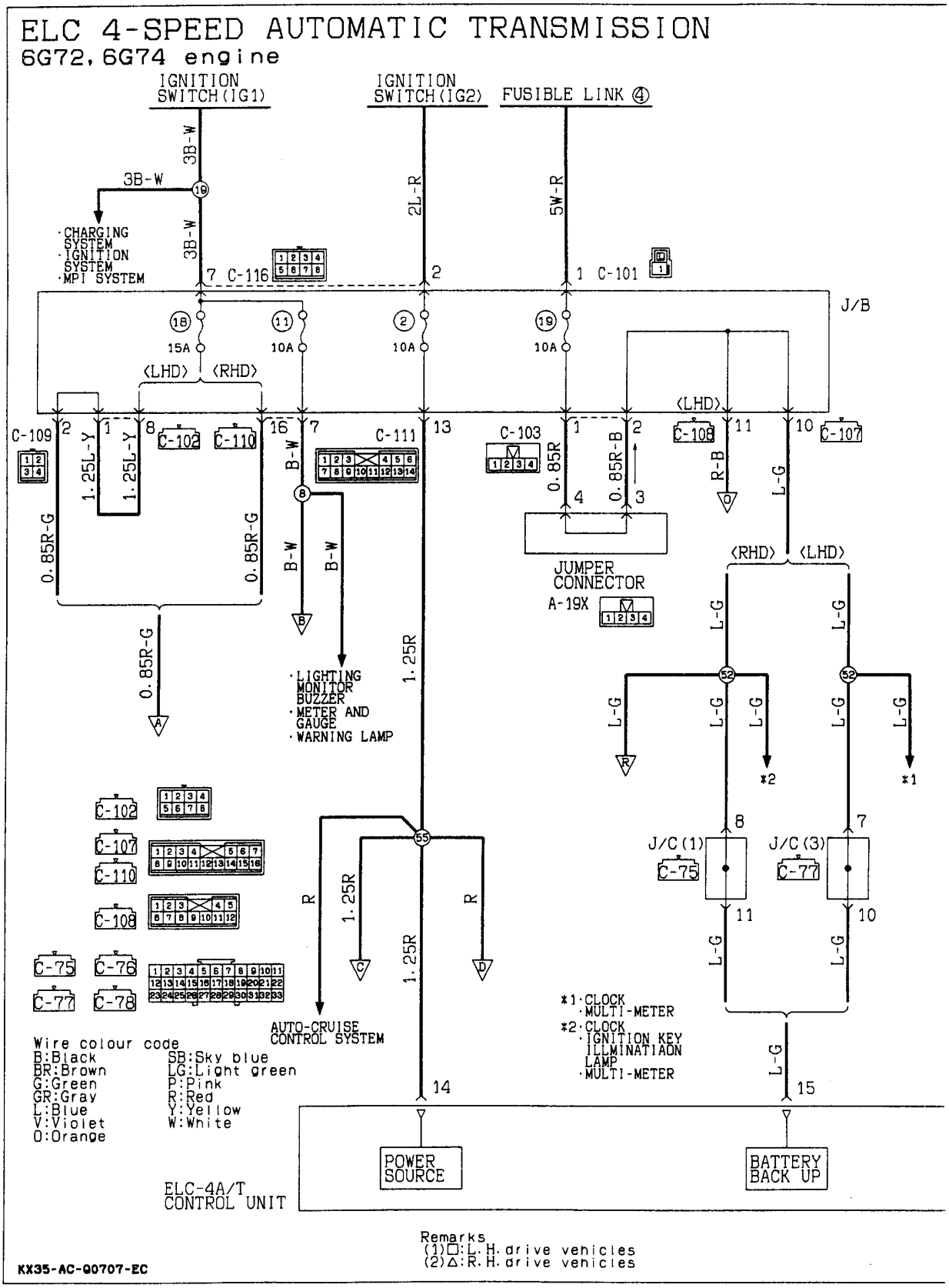


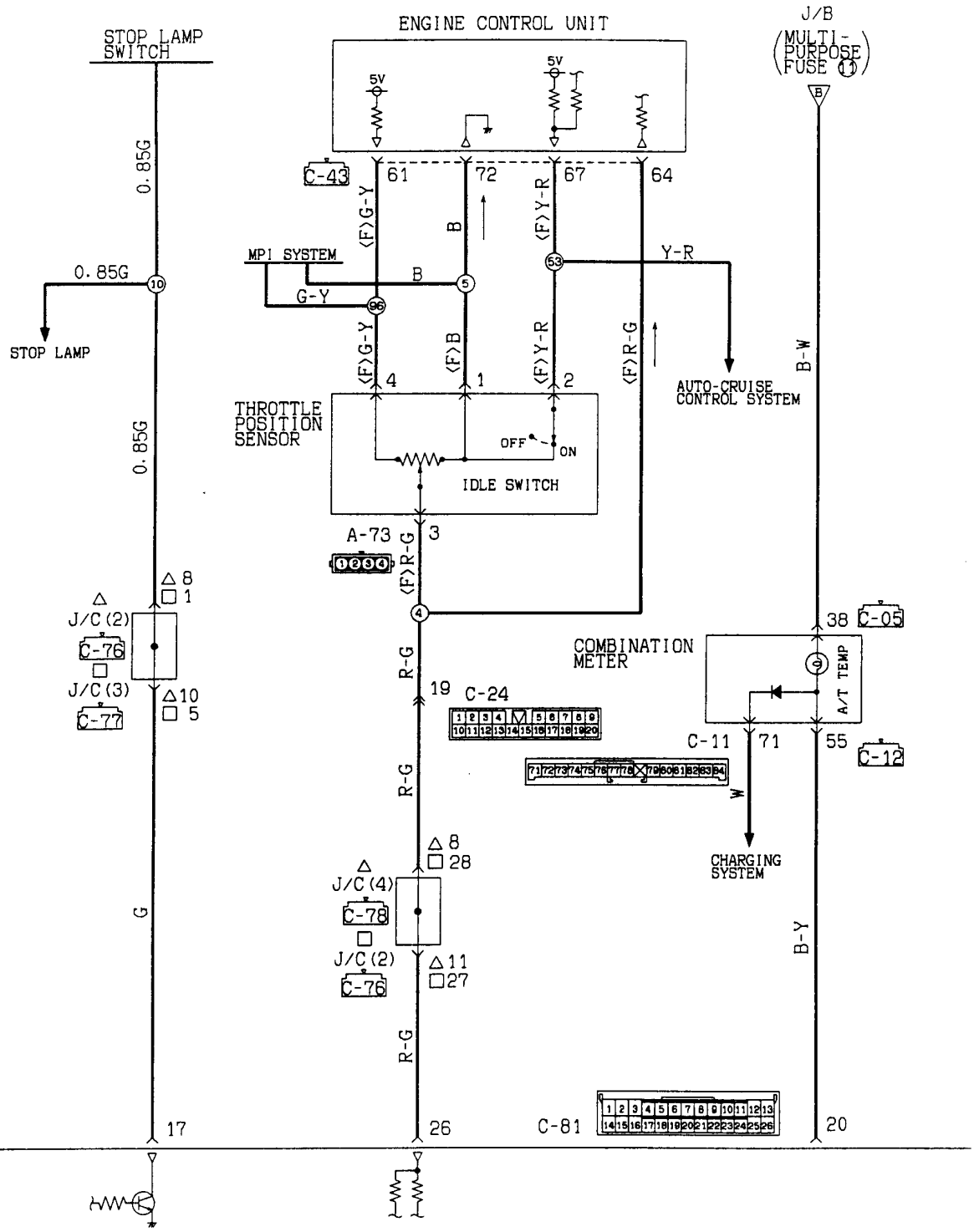
KX35-AC-00508D-EC

ELC-4A/T

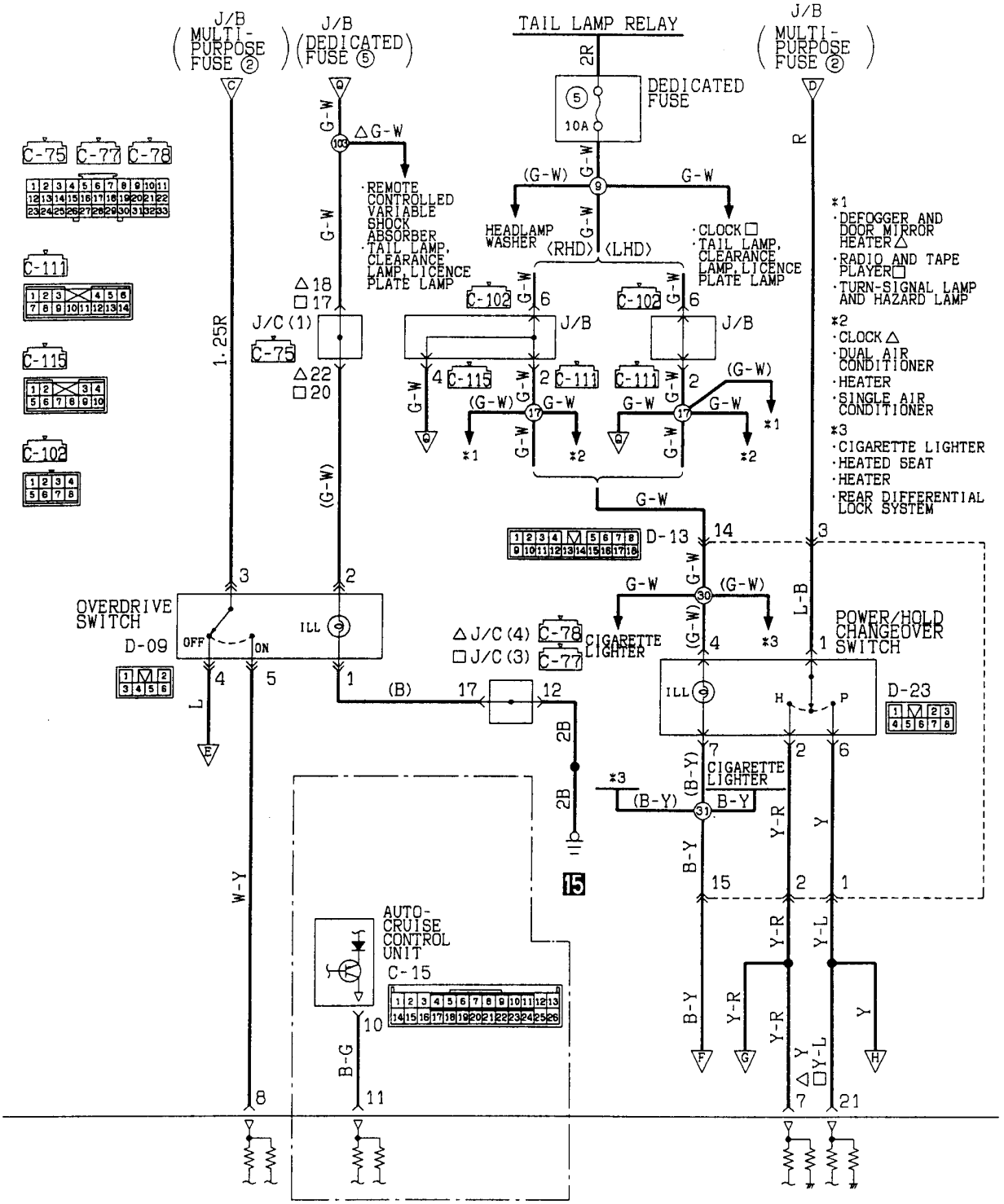
6G72, 6G74 engine

The circuit for '95 models has been established.

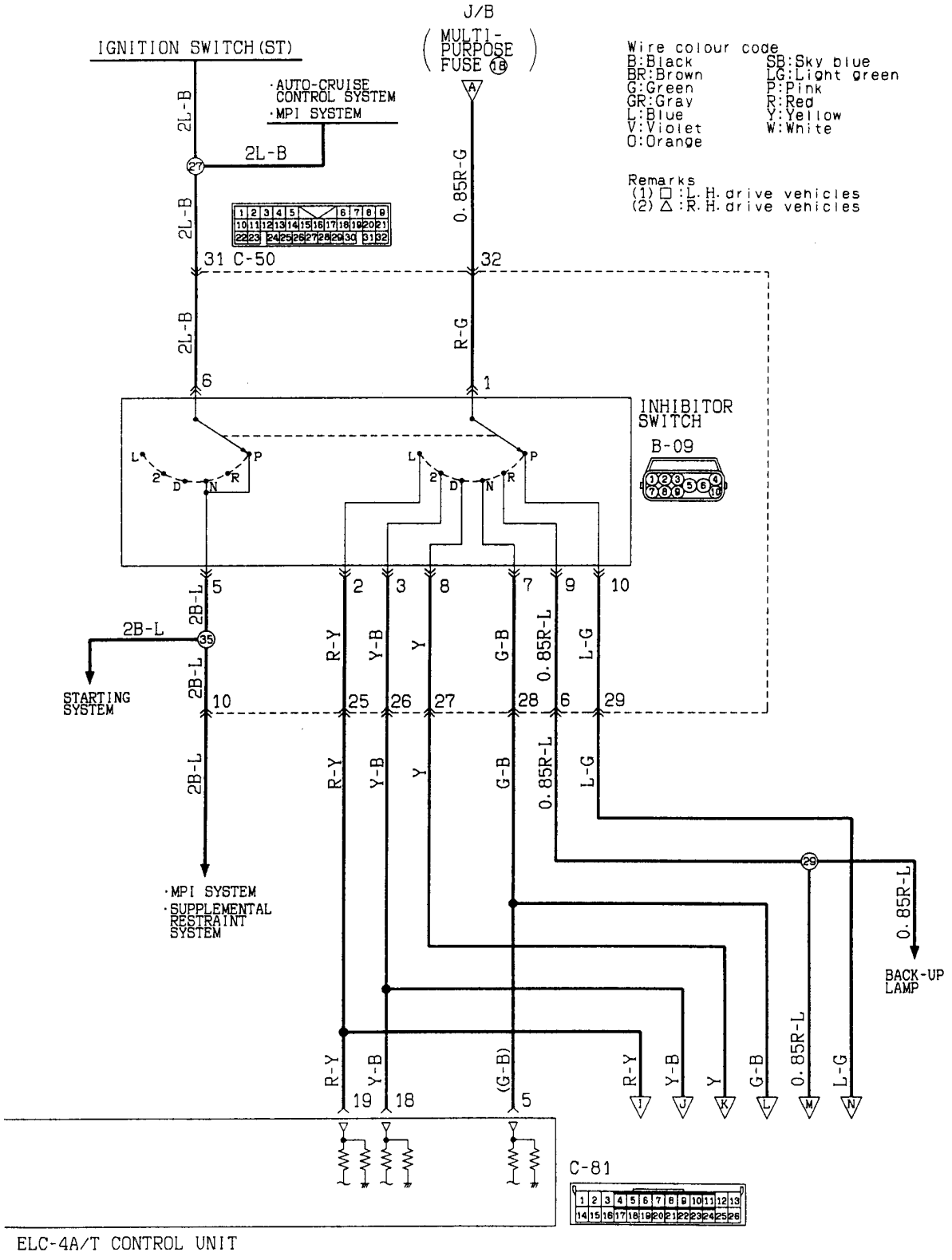



STOP LAMP SWITCH
ENGINE CONTROL UNIT
J/B (MULTI-PURPOSE FUSE 11)
5V
C-43
61
72
67
64
(F)G-Y
B
(F)Y-R
MPI SYSTEM
Y-R
0.85G
B
G-Y
STOP LAMP
(F)G-Y
(F)B
(F)Y-R
(F)R-G
B-W
AUTO-CRUISE CONTROL SYSTEM
THROTTLE POSITION SENSOR
OFF
ON
IDLE SWITCH
A-73
(F)R-G
J/C (2)
C-76
J/C (3)
C-77
COMBINATION METER
C-05
A/T TEMP
C-24
C-11
71
55
C-12
R-G
19
CHARGING SYSTEM
J/C (4)
C-78
J/C (2)
C-76
G
B-Y
17
26
C-81
20
ELC-4A/T CONTROL UNIT
C-43
C-12
C-05

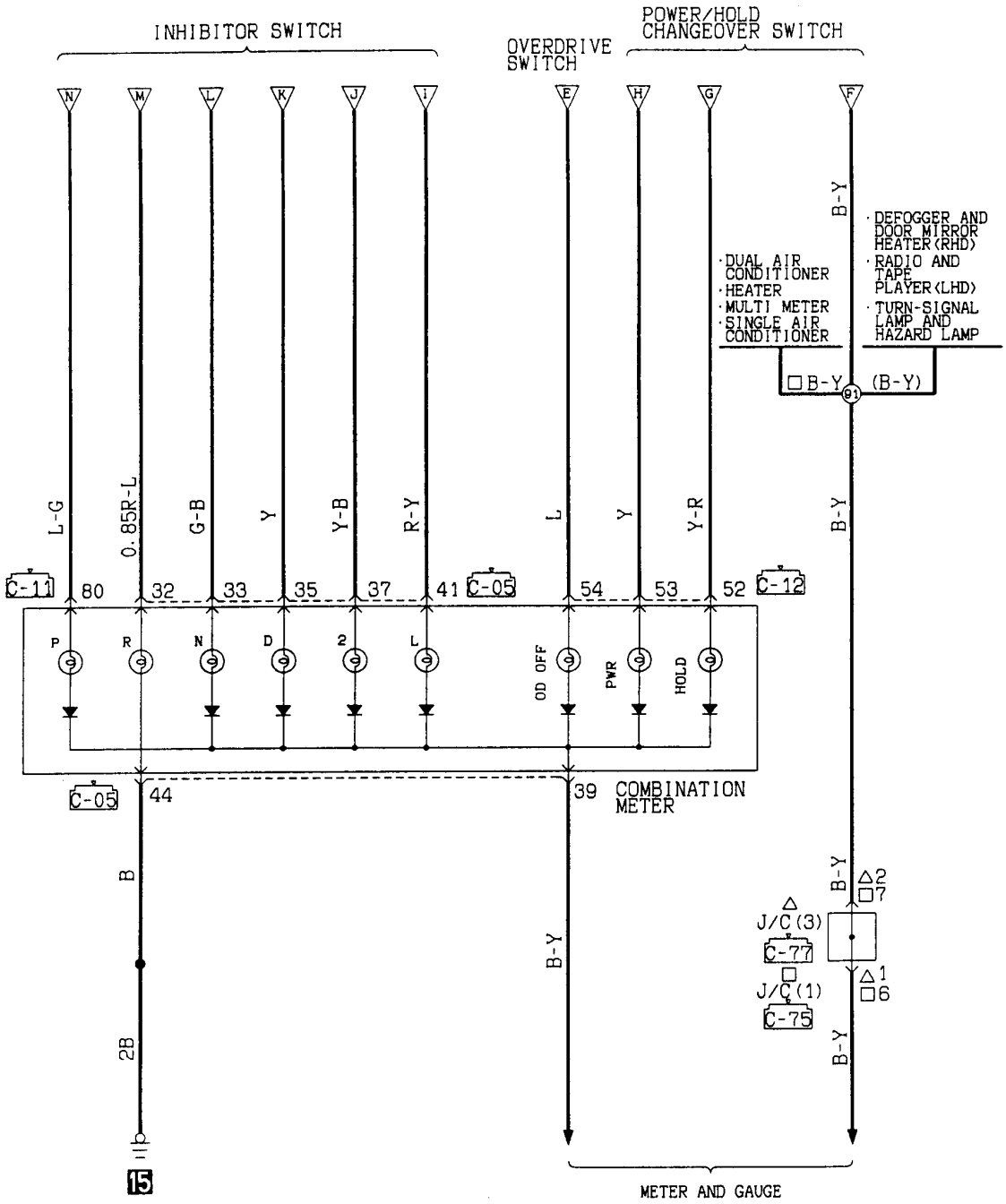
ELC 4-SPEED AUTOMATIC TRANSMISSION (6G72, 6G74 engine) (CONTINUED)



ELC-4A/T CONTROL UNIT


J/B
MULTI-PURPOSE FUSE 18
IGNITION SWITCH(ST)
·AUTO-CRUISE CONTROL SYSTEM
·MPI SYSTEM
Wire colour code
B:Black
BR:Brown
G:Green
GR:Gray
L:Blue
V:Violet
O:Orange
SB:Sky blue
LG:Light green
P:Pink
R:Red
Y:Yellow
W:White
Remarks
(1) □ :L.H. drive vehicles
(2) △ :R.H. drive vehicles
2L-B
0.85R-G
31 C-50
32
R-G
INHIBITOR SWITCH
B-09
2B-L
STARTING SYSTEM
R-Y
Y-B
Y
G-B
0.85R-L
L-G
·MPI SYSTEM
·SUPPLEMENTAL RESTRAINT SYSTEM
BACK-UP LAMP
(G-B)
C-81
ELC-4A/T CONTROL UNIT

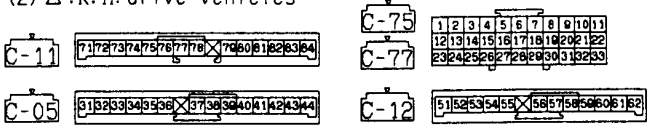
ELC 4-SPEED AUTOMATIC TRANSMISSION (6G72, 6G74 engine) (CONTINUED)



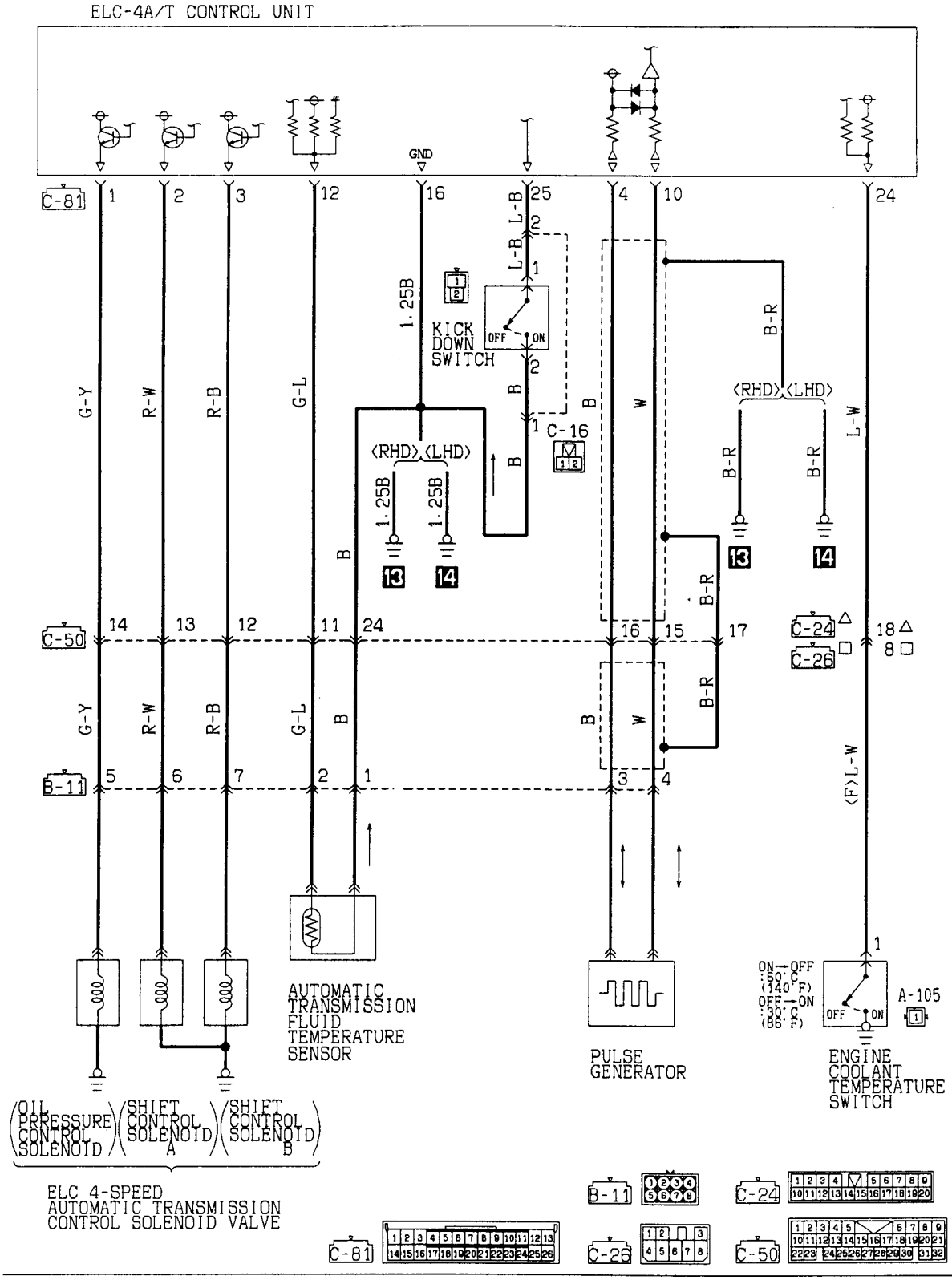
Wire colour code

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

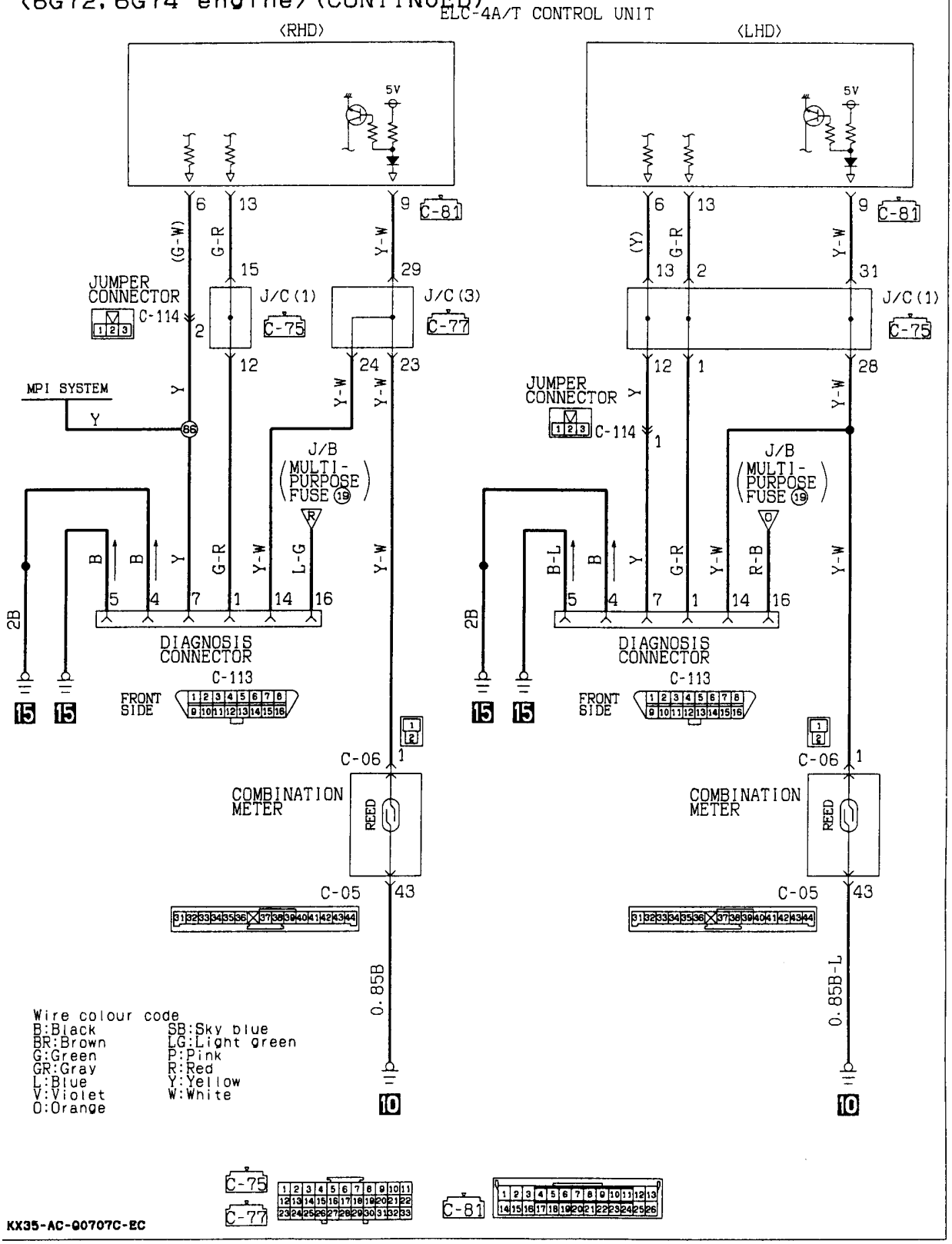
Remarks
(1) □ : L.H. drive vehicles
(2) △ : R.H. drive vehicles



KX35-AC-00707B-EC


ELC-4A/T CONTROL UNIT
GND
C-81
C-50
B-11
C-16
C-24
C-26
KICK DOWN SWITCH
OFF
ON
<RHD> <LHD>
AUTOMATIC TRANSMISSION FLUID TEMPERATURE SENSOR
PULSE GENERATOR
ENGINE COOLANT TEMPERATURE SWITCH
ON→OFF :60°C (140°F)
OFF→ON :30°C (86°F)
A-105
OIL PRESSURE CONTROL SOLENOID
SHIFT CONTROL SOLENOID A
SHIFT CONTROL SOLENOID B
ELC 4-SPEED AUTOMATIC TRANSMISSION CONTROL SOLENOID VALVE
G-Y
R-W
R-B
G-L
B
L-B
1.25B
B-R
W
L-W
(F)L-W

ELC 4-SPEED AUTOMATIC TRANSMISSION (6G72, 6G74 engine) (CONTINUED)

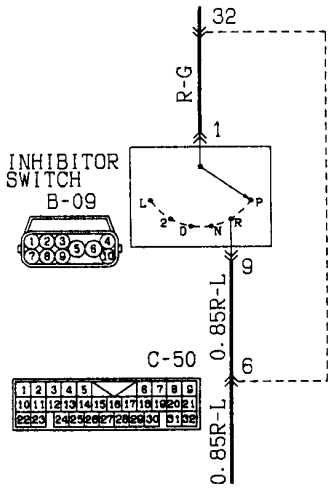


BACK-UP LAMP

A/T

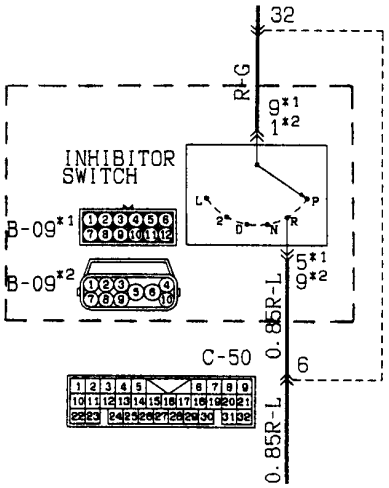
The inhibitor switch has been changed. <Vehicles with 6G72 engine>

(New)



KX35-AC-Q0916-EC

(Old)



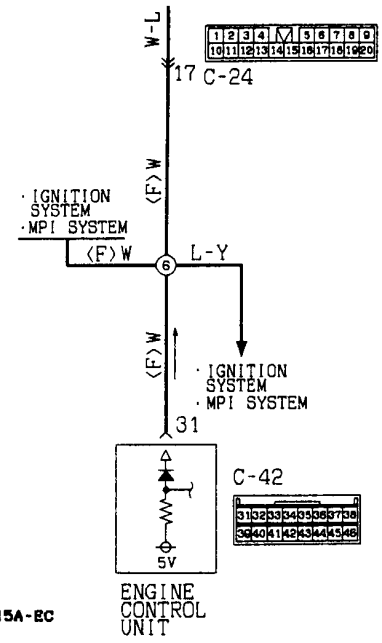
KX35-AC-Q0912-EC

METER AND GAUGE

6G72, 6G74 engine

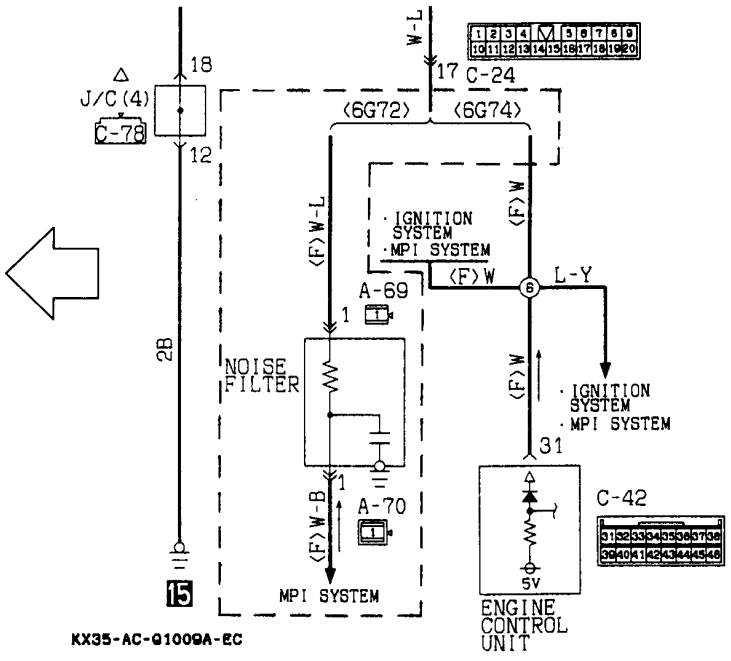
Revising the engine control unit has changed this circuit. <Vehicles with 6G72 engine>

(New)



KX35-AC-Q1015A-EC

(Old)

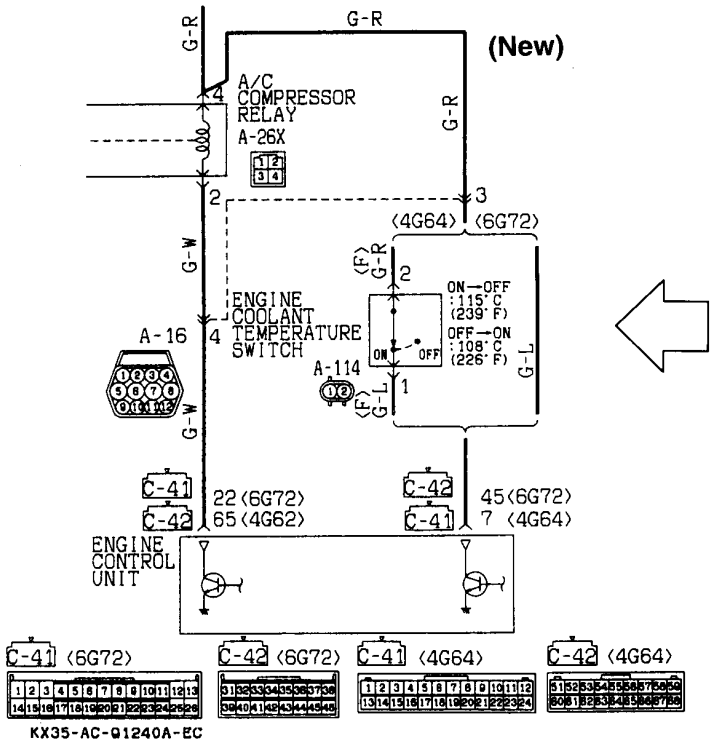


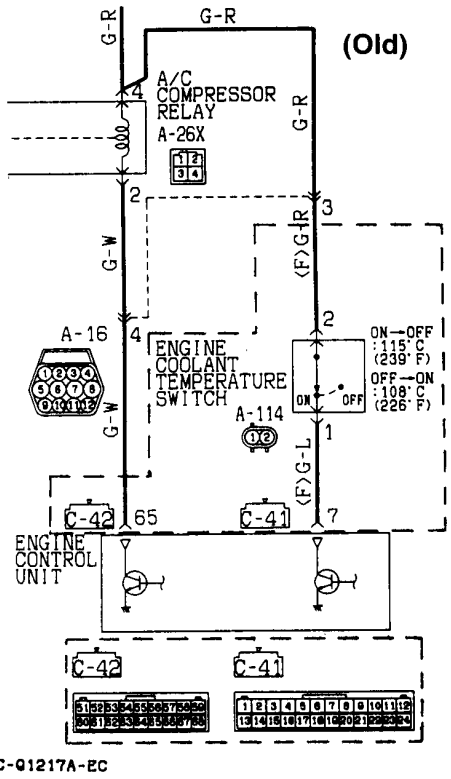
KX35-AC-Q1009A-EC

SINGLE AIR CONDITIONER

L.H. drive vehicles <4G64, 6G72 engine>

- The engine control unit has been changed. <Vehicels with 6G72 engine>
- The engine coolant temperature switch has been abolished. <Vehicles with 6G72 engine>

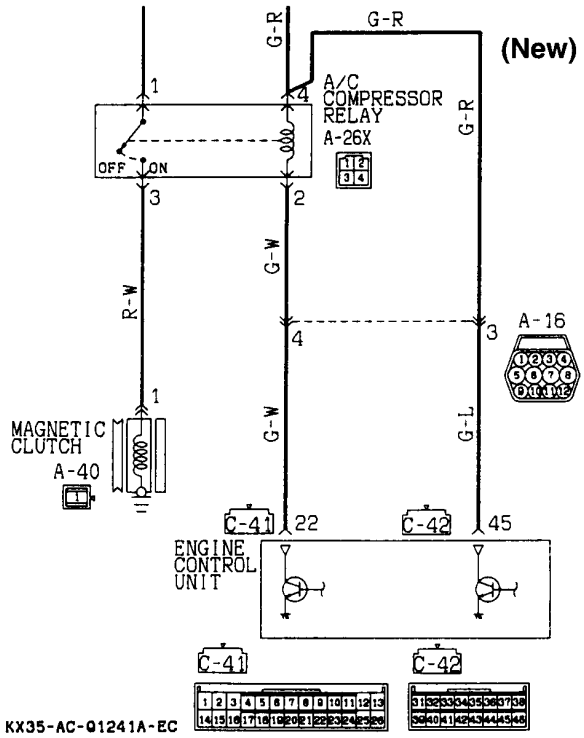


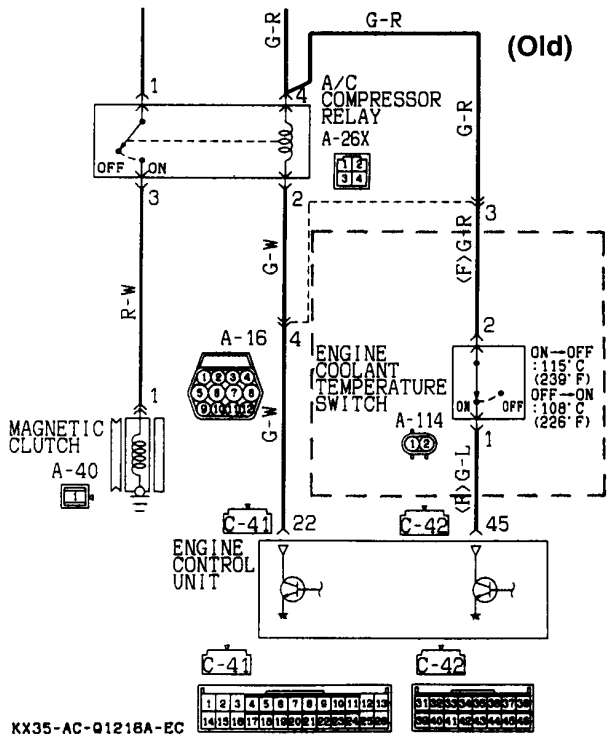


SINGLE AIR CONDITIONER

L.H. drive vehicles <6G74 engine>

- The engine coolant temperature switch has been abolished.

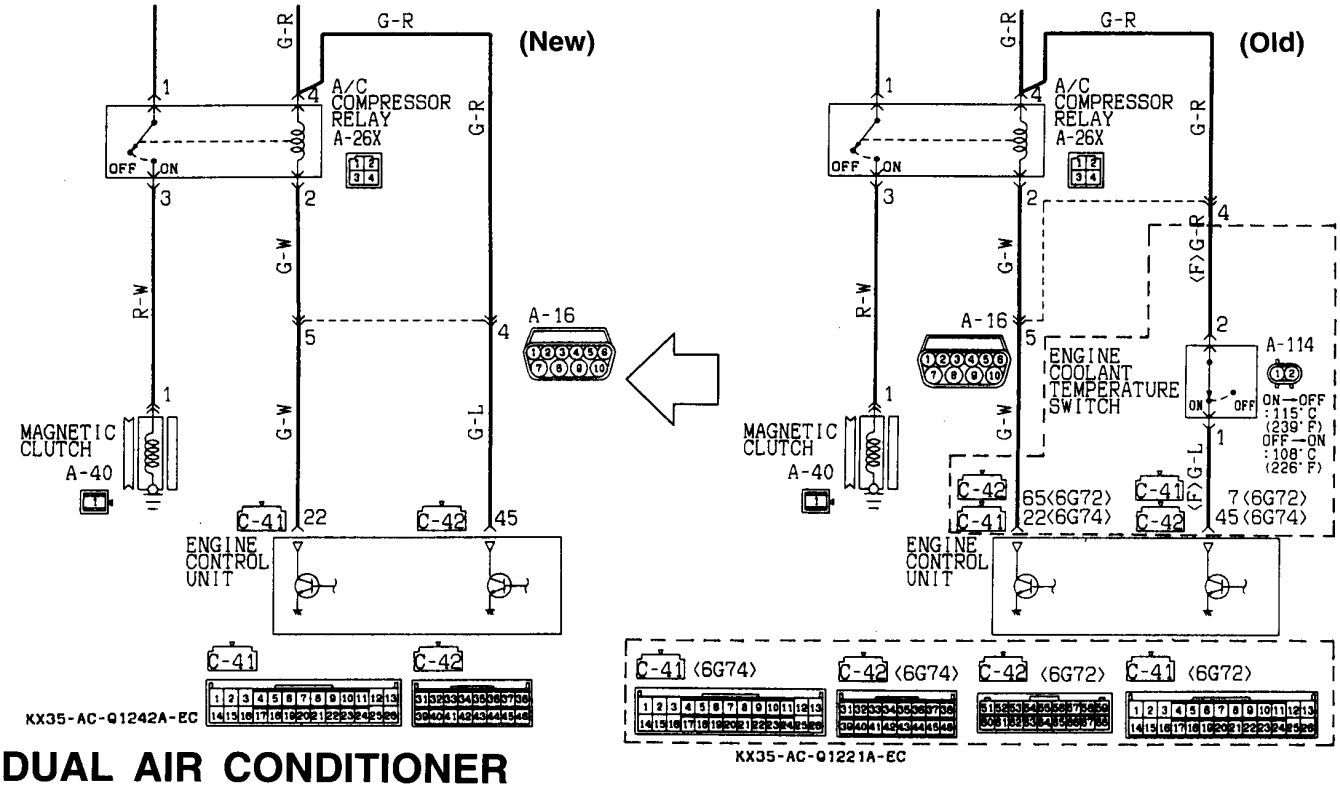




SINGLE AIR CONDITIONER

R.H. drive vehicles <Petrol-powered vehicles>

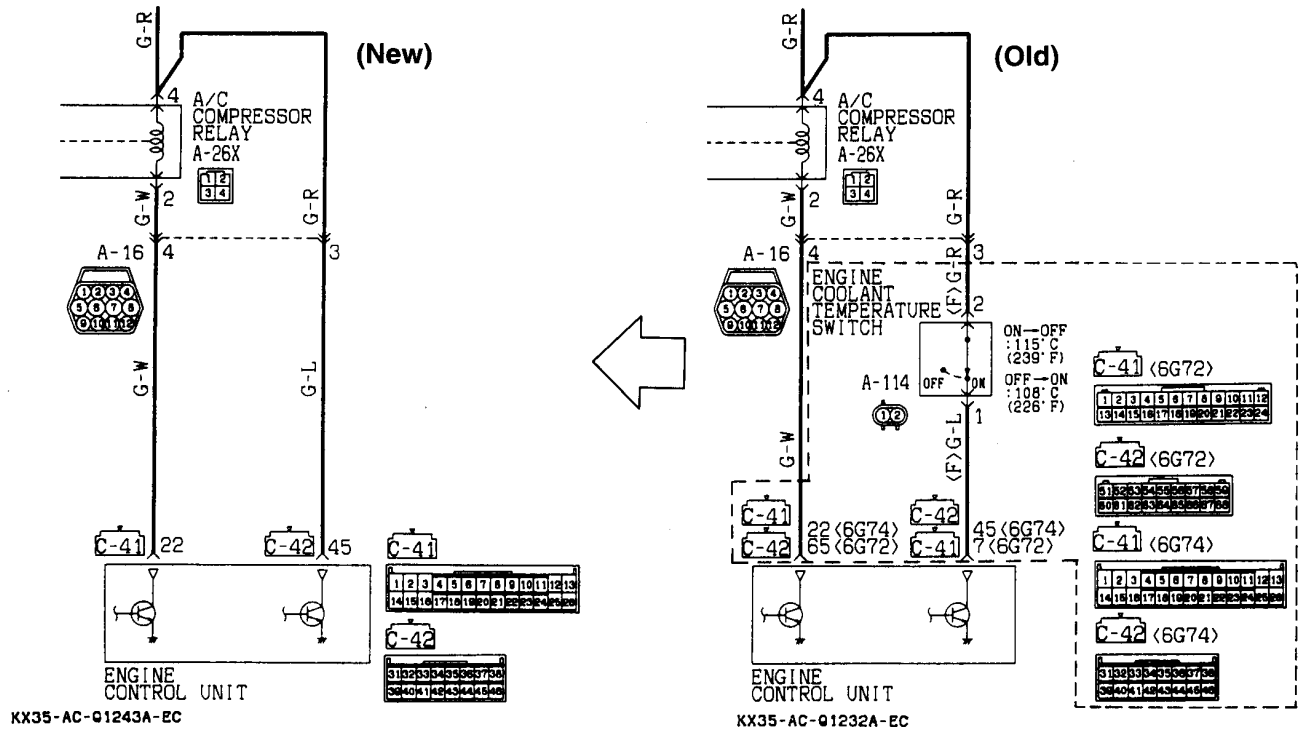
- The engine control unit has been changed. <Vehicles with 6G72 engine>
- The engine coolant temperature switch has been abolished.



DUAL AIR CONDITIONER

L.H. drive vehicles without rear heater <Petrol-powered vehicles>

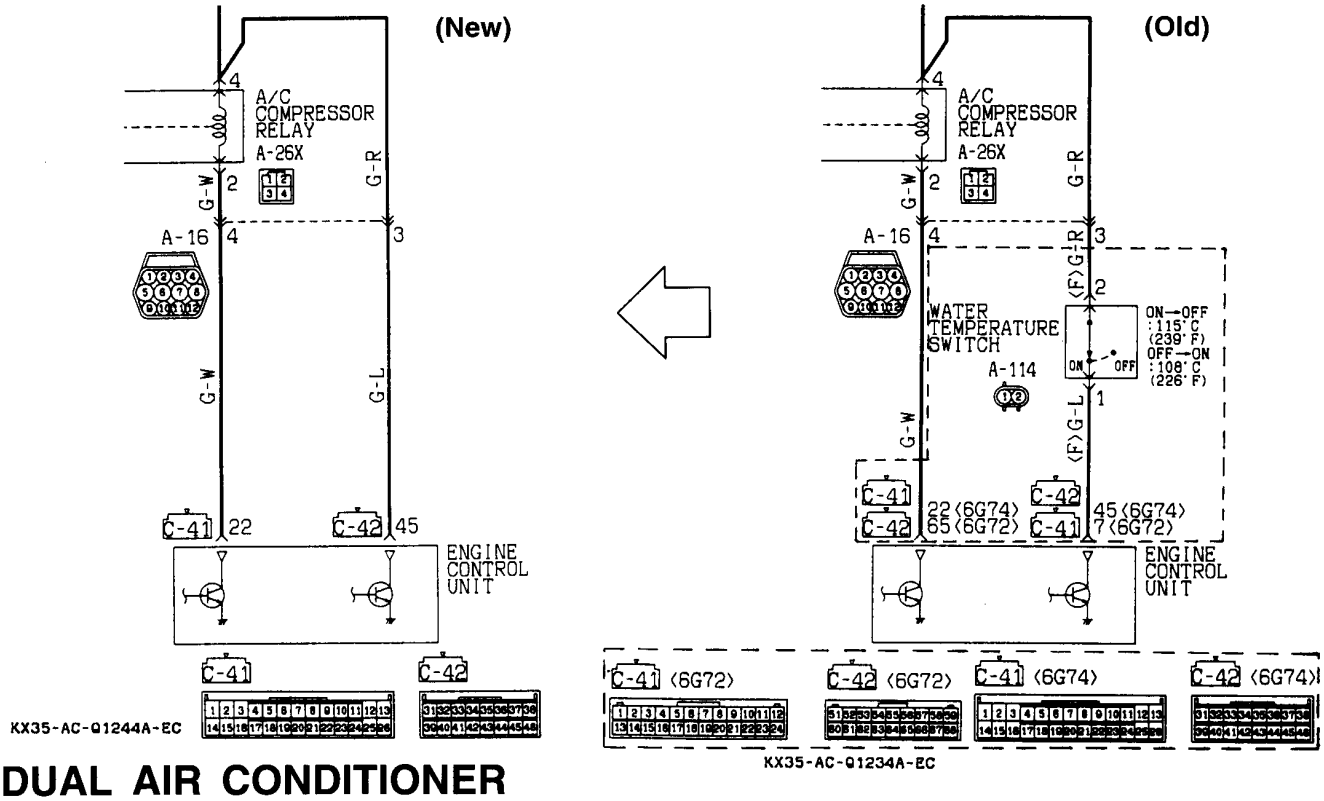
- The engine control unit has been changed. <Vehicles with 6G72 engine>
- The engine coolant temperature switch has been abolished.



DUAL AIR CONDITIONER

L.H. drive vehicles with rear heater <Petrol-powered vehicles>

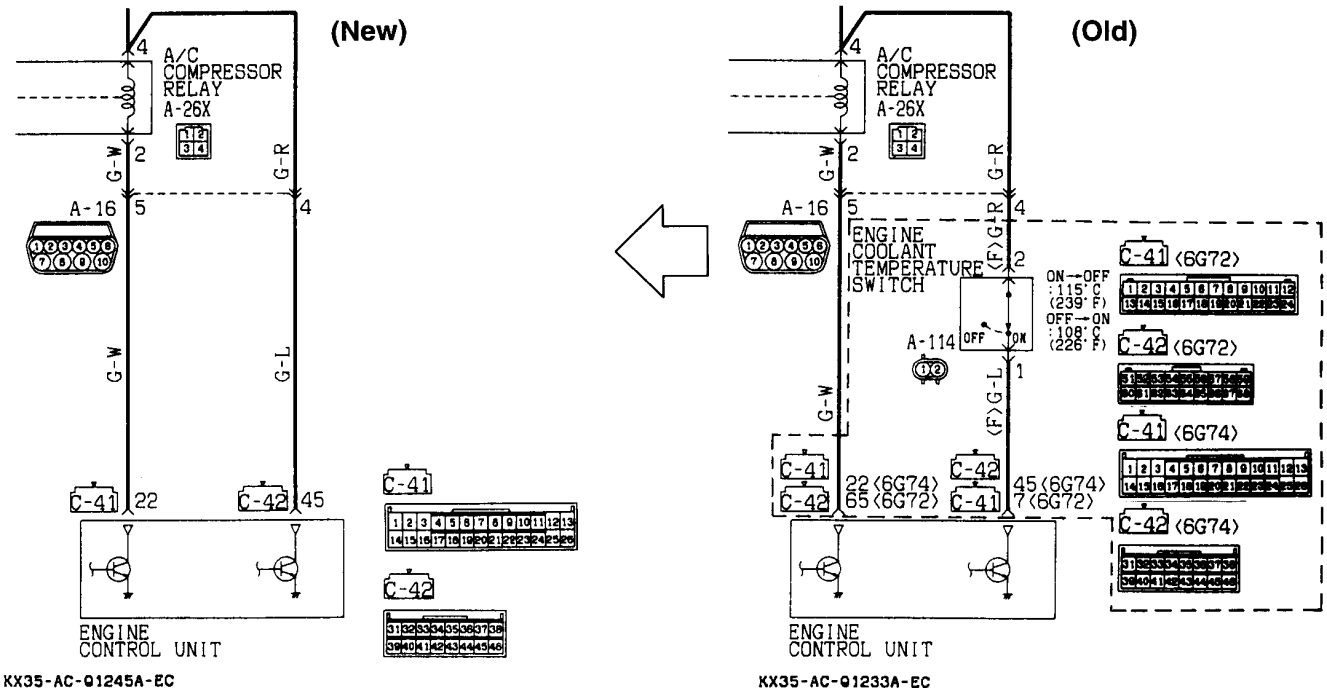
- The engine control unit has been changed. <Vehicles with 6G72 engine>
- The engine coolant temperature switch has been abolished.



DUAL AIR CONDITIONER

R.H. drive vehicles without rear heater <Petrol-powered vehicles>

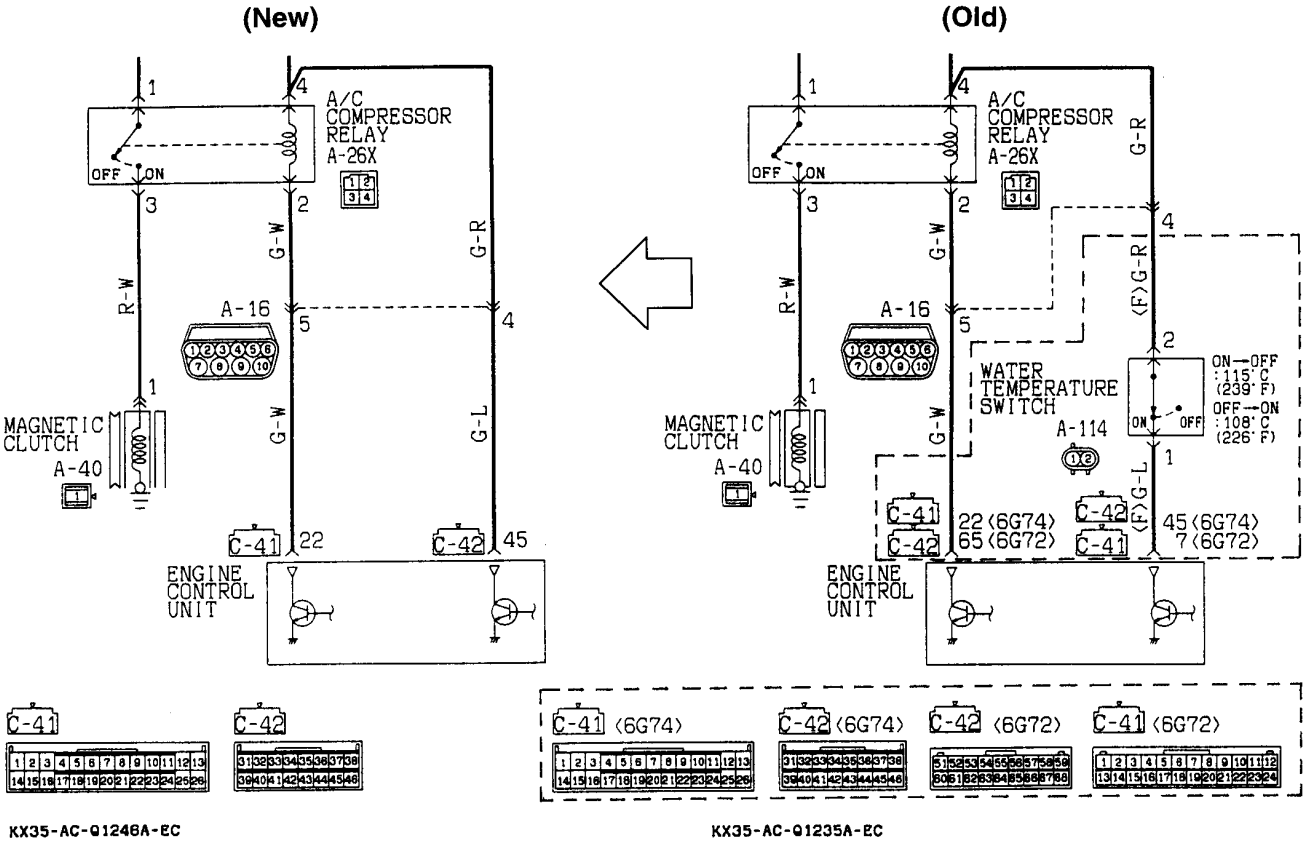
- The engine control unit has been changed. <Vehicles with 6G72 engine>
- The engine coolant temperature switch has been abolished. <Vehicles with 6G72 engine>



DUAL AIR CONDITIONER

R.H. drive vehicles with rear heater <Petrol-powered vehicles>

- The engine control unit has been changed. <Vehicles with 6G72 engine>
- The engine coolant temperature switch has been abolished.



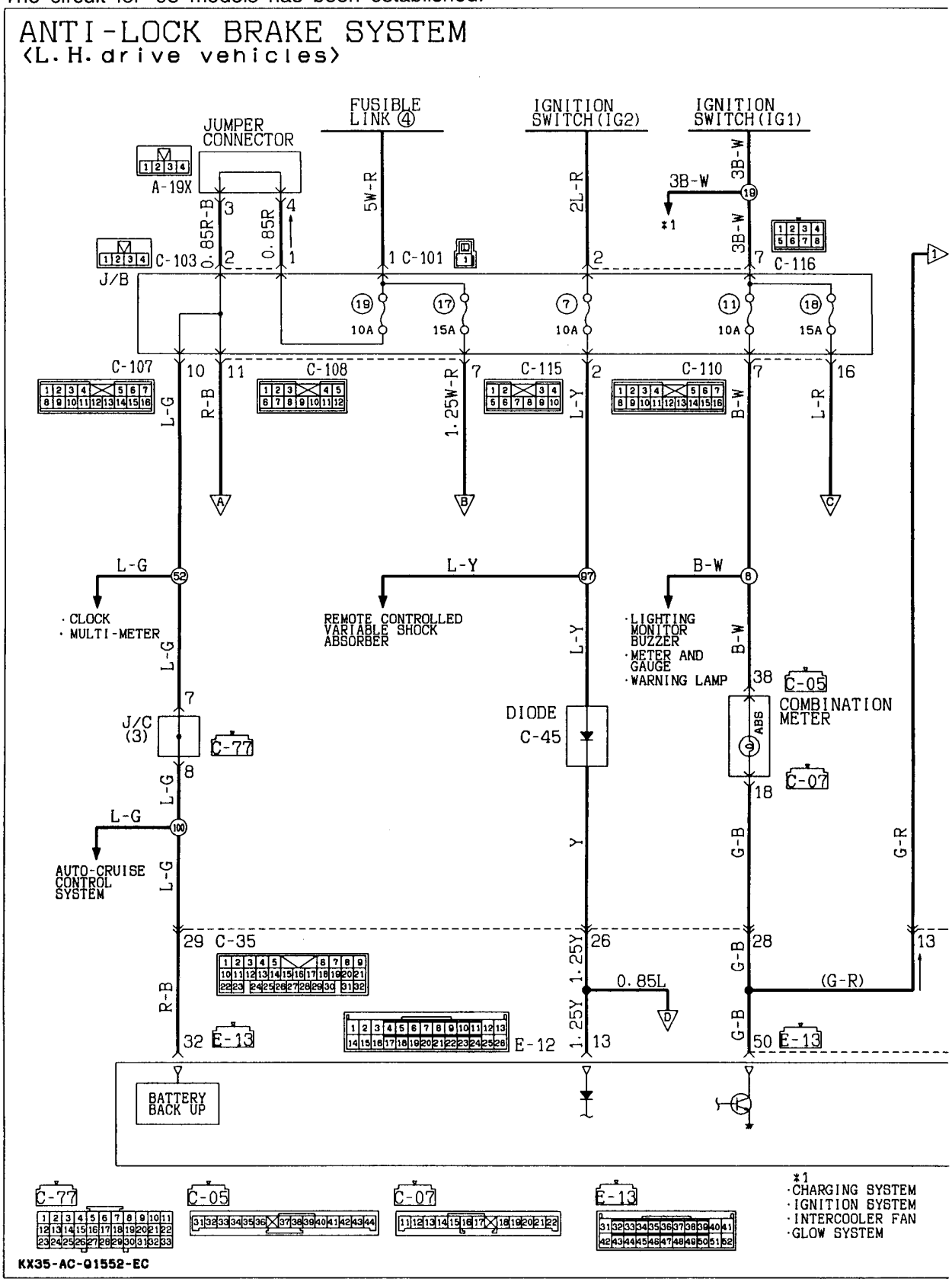
KX35-AC-Q1246A-EC

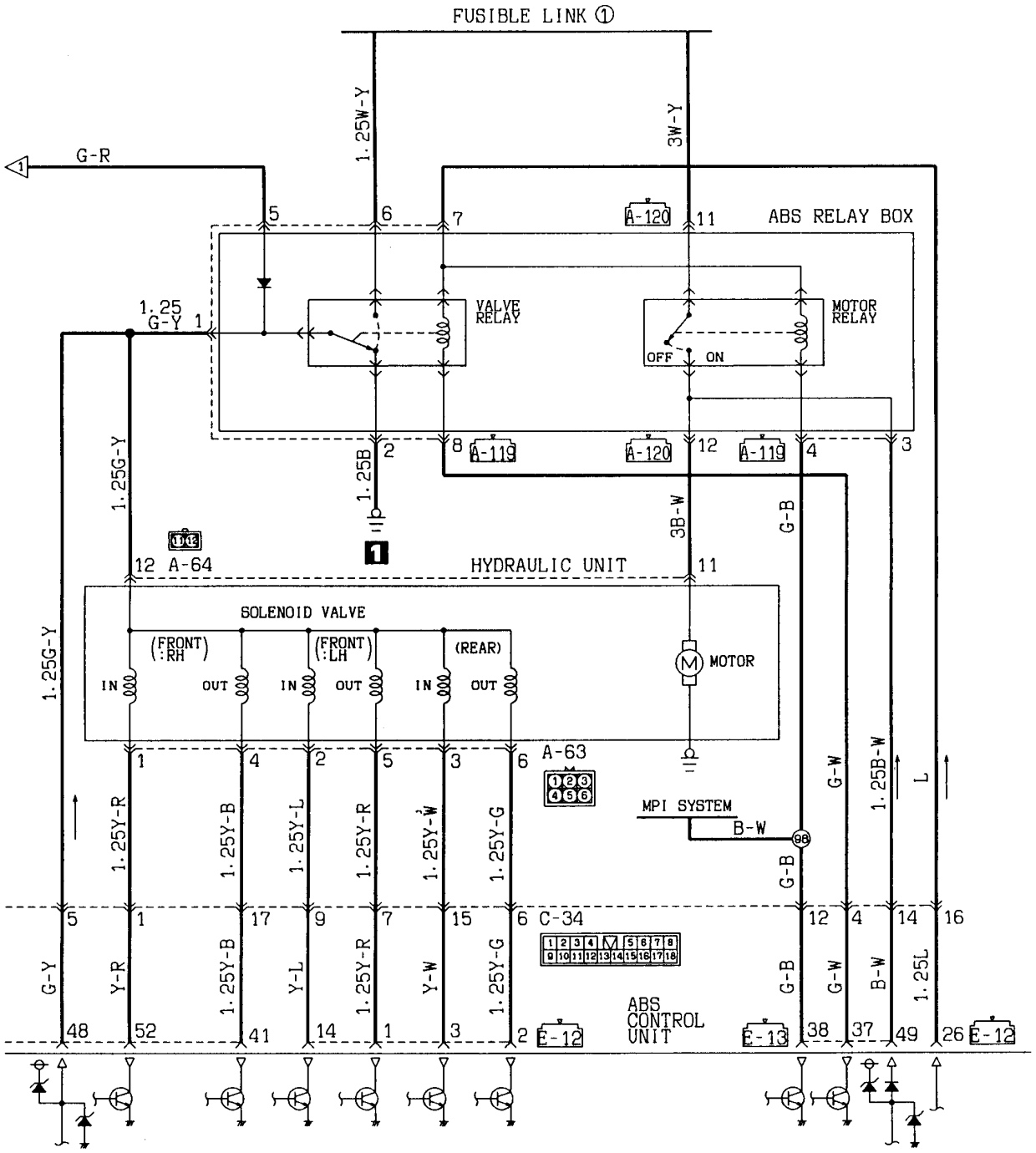
KX35-AC-Q1235A-EC

ANTI-LOCK BRAKE SYSTEM (ABS)

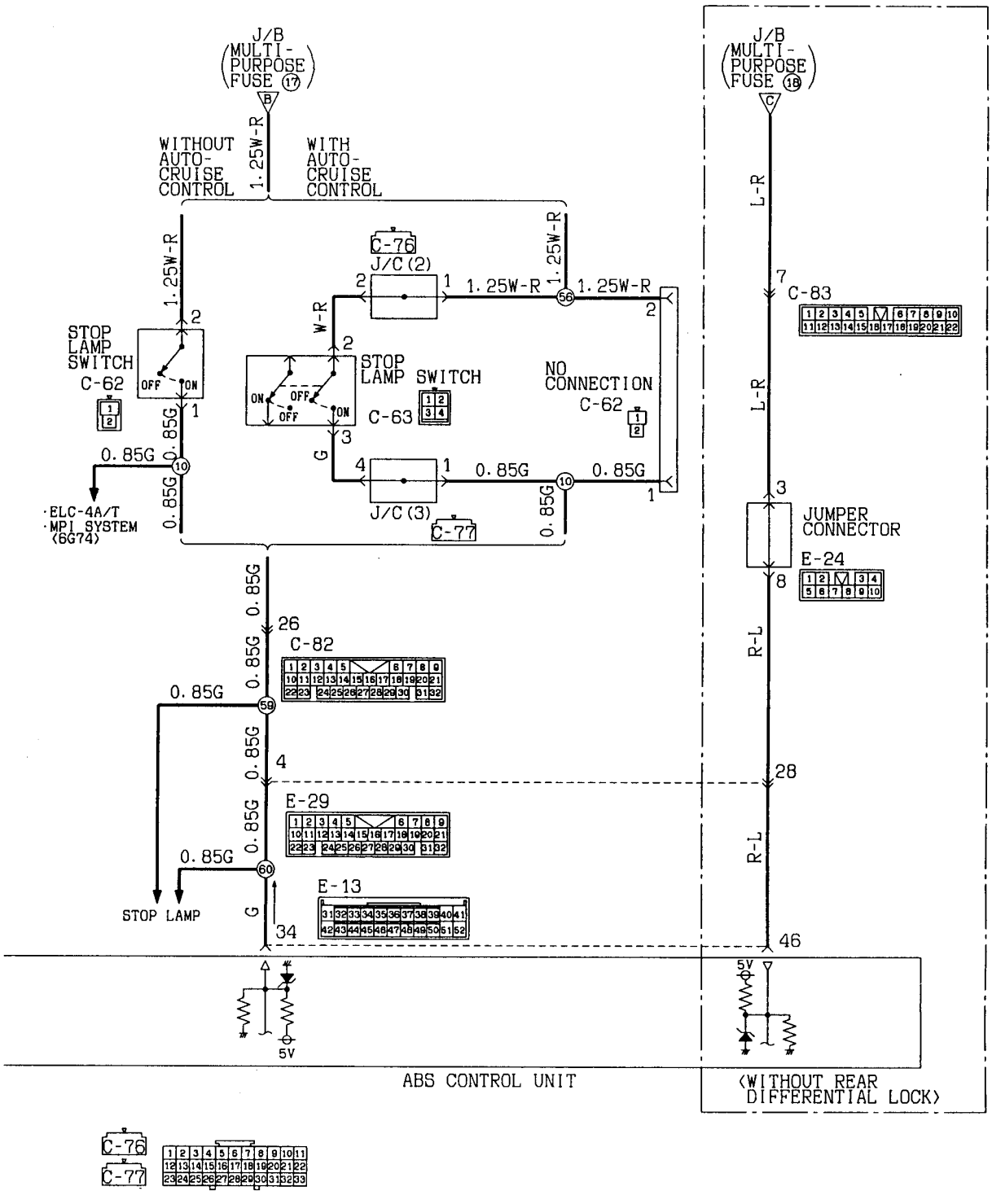
L.H. drive vehicles

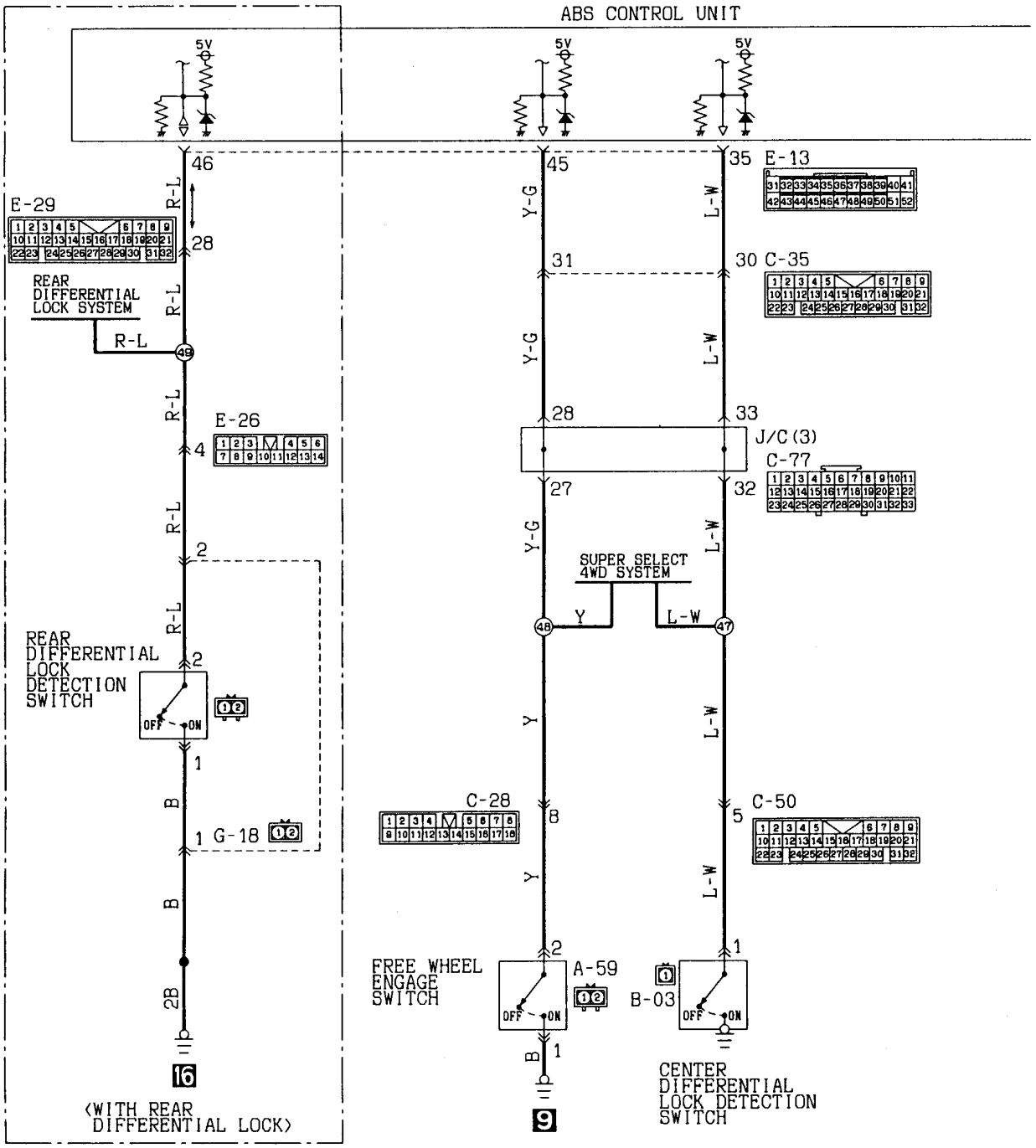
The circuit for '95 models has been established.



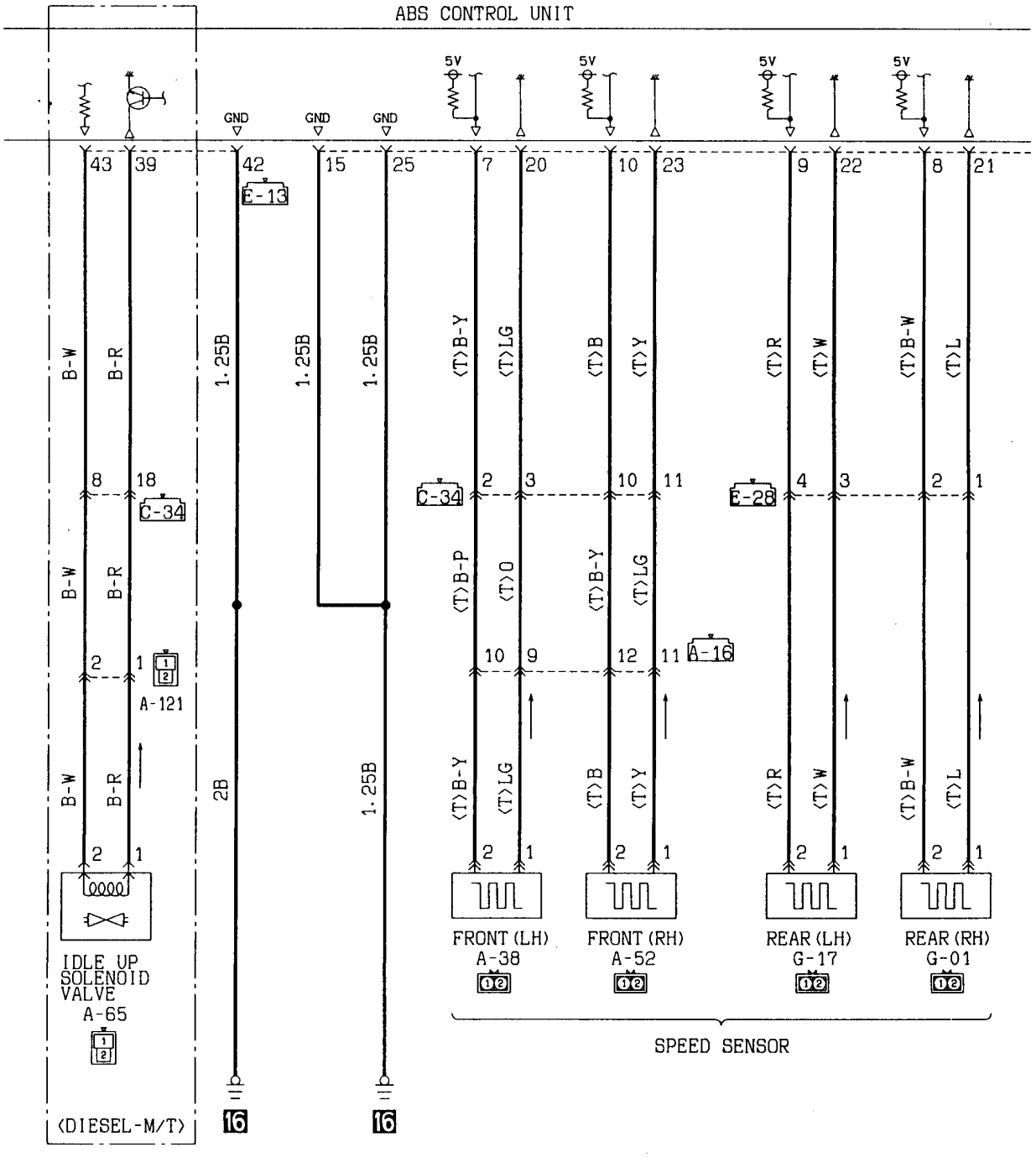

FUSIBLE LINK ①
1.25W-Y
3W-Y
G-R
ABS RELAY BOX
A-120
VALVE RELAY
MOTOR RELAY
OFF
ON
1.25 G-Y
1.25G-Y
1.25B
3B-W
G-B
A-119
A-64
HYDRAULIC UNIT
SOLENOID VALVE
(FRONT :RH)
(FRONT :LH)
(REAR)
IN
OUT
MOTOR
A-63
MPI SYSTEM
B-W
G-W
1.25B-W
L
1.25Y-R
1.25Y-B
1.25Y-L
1.25Y-W
1.25Y-G
C-34
G-Y
Y-R
Y-L
Y-W
B-W
1.25L
ABS CONTROL UNIT
E-12
E-13

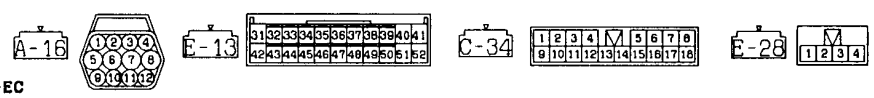
ANTI-LOCK BRAKE SYSTEM
〈L.H. drive vehicles〉 (CONTINUED)



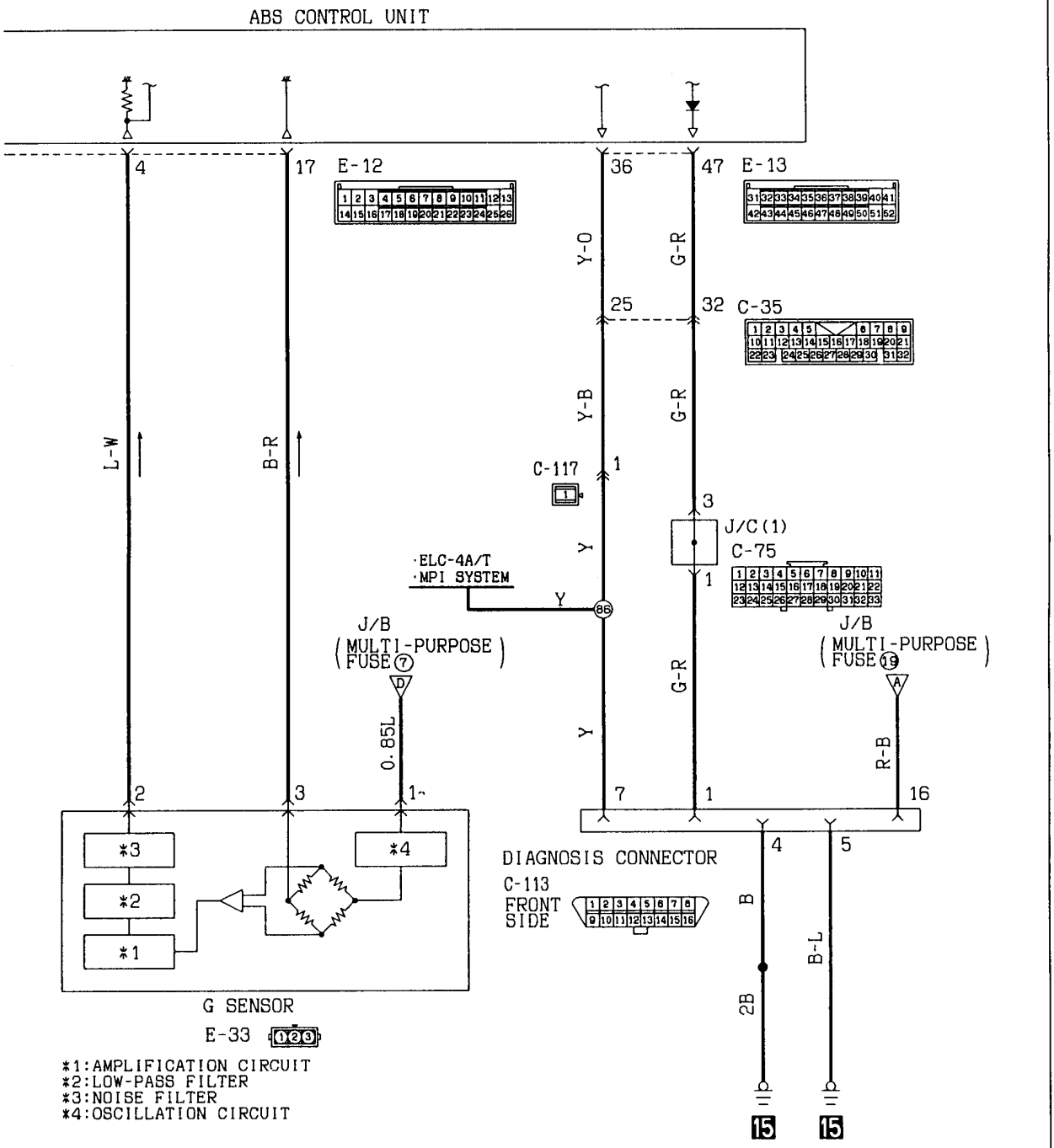

ABS CONTROL UNIT
5V
5V
5V
46
45
35
E-13
E-29
R-L
Y-G
L-W
28
31
30
C-35
REAR DIFFERENTIAL LOCK SYSTEM
R-L
R-L
49
R-L
E-26
4
28
33
J/C (3)
C-77
R-L
2
27
32
Y-G
L-W
SUPER SELECT 4WD SYSTEM
R-L
2
Y
L-W
48
47
REAR DIFFERENTIAL LOCK DETECTION SWITCH
OFF
ON
Y
L-W
1
C-28
C-50
B
8
5
1
G-18
Y
L-W
B
2
1
FREE WHEEL ENGAGE SWITCH
A-59
OFF
ON
B-03
OFF
ON
2B
B
1
16
9
CENTER DIFFERENTIAL LOCK DETECTION SWITCH
(WITH REAR DIFFERENTIAL LOCK)

ANTI-LOCK BRAKE SYSTEM
〈L.H. drive vehicles〉(CONTINUED)





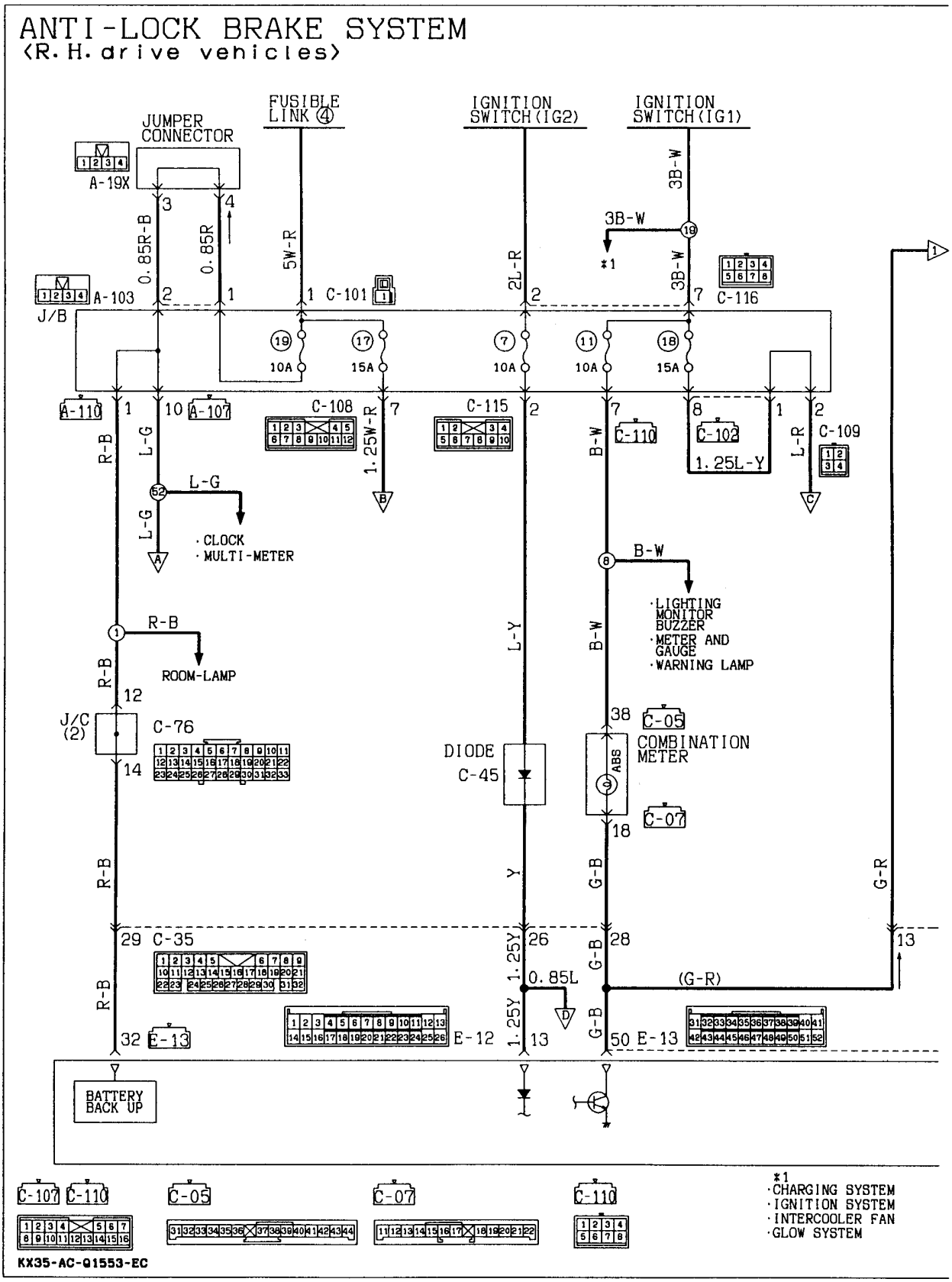
KX35-AC-Q1552B-EC

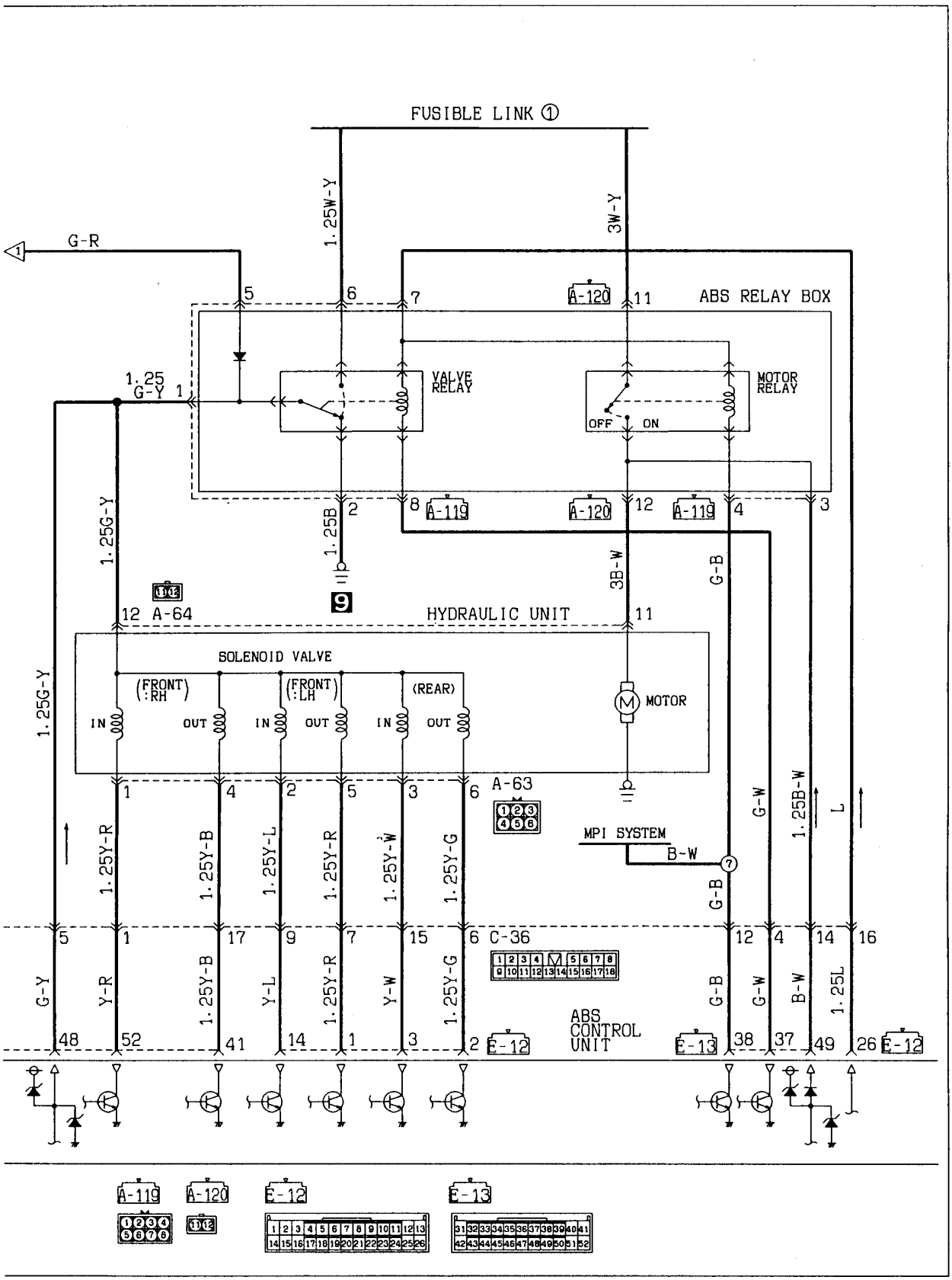

ABS CONTROL UNIT
4
17
E-12
36
47
E-13
Y-O
G-R
25
32
C-35
Y-B
G-R
L-W
B-R
C-117
1
3
J/C(1)
C-75
·ELC-4A/T
·MPI SYSTEM
Y
J/B
(MULTI-PURPOSE FUSE⑦)
J/B
(MULTI-PURPOSE FUSE⑲)
0.85L
G-R
Y
R-B
2
3
1
7
1
16
*3
*2
*1
*4
DIAGNOSIS CONNECTOR
C-113
FRONT SIDE
4
5
B
B-L
2B
15
15
G SENSOR
E-33
*1:AMPLIFICATION CIRCUIT
*2:LOW-PASS FILTER
*3:NOISE FILTER
*4:OSCILLATION CIRCUIT

ANTI-LOCK BRAKE SYSTEM (ABS)

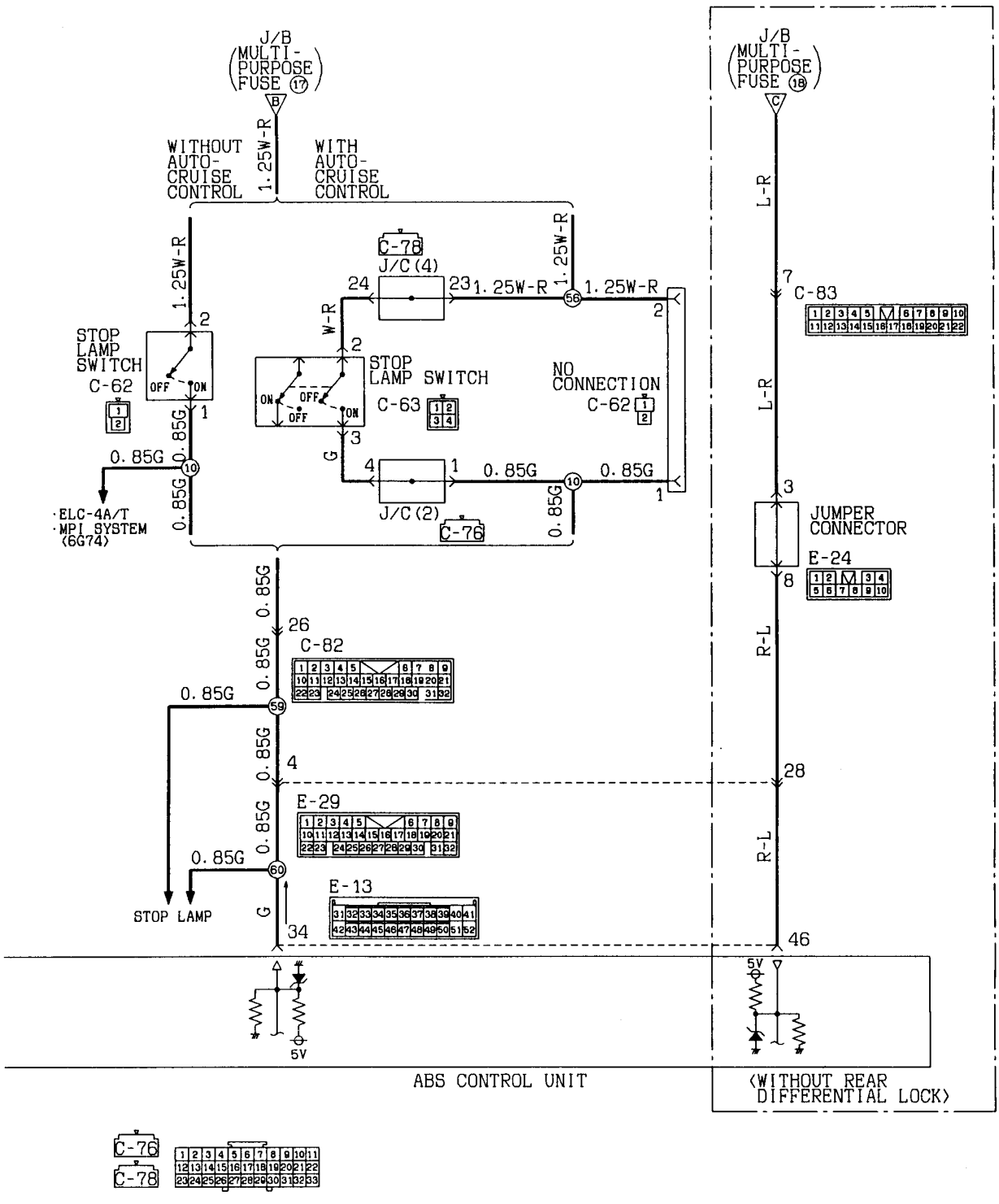
R.H. drive vehicles

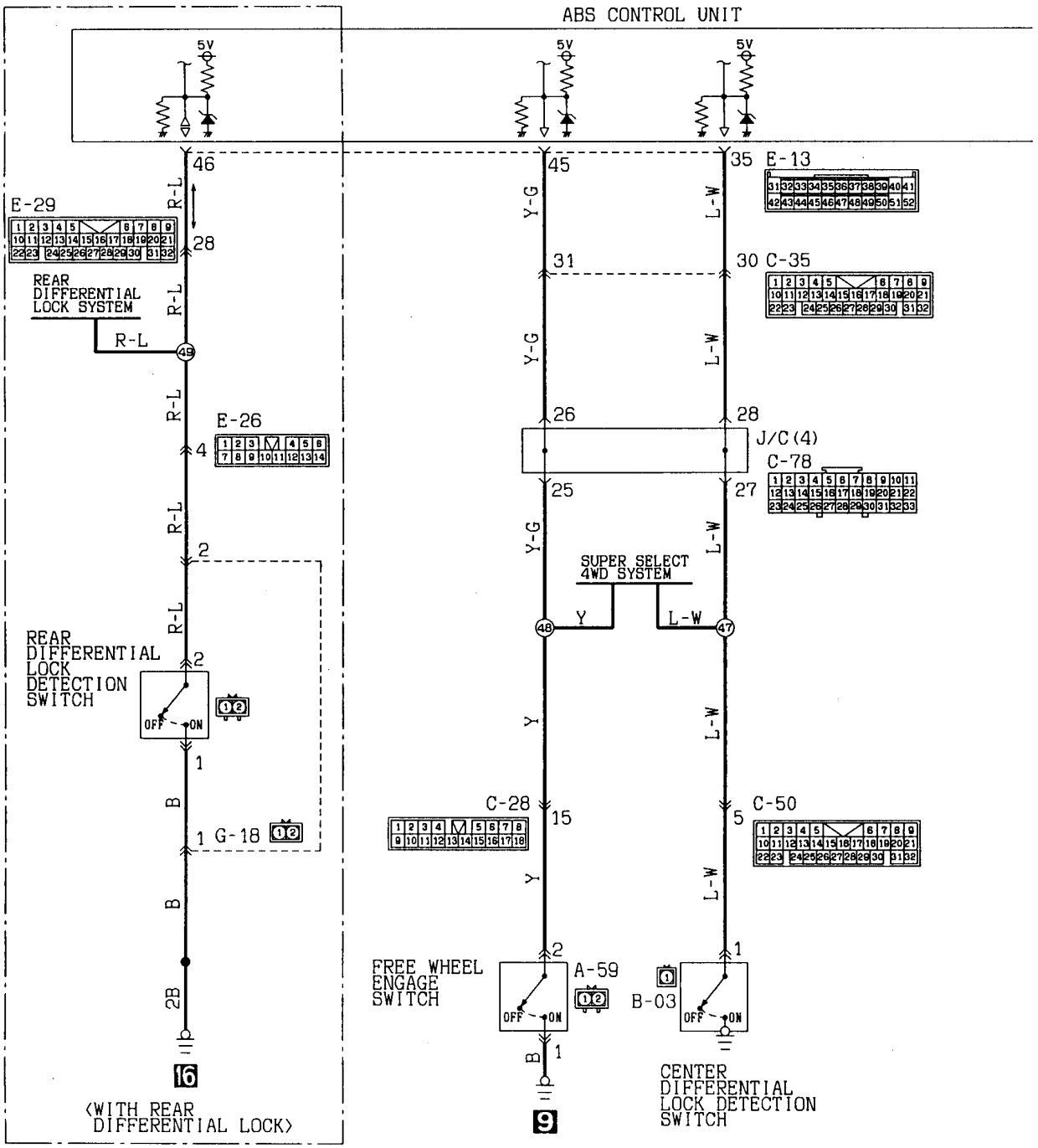
The circuit for '95 models has been established.



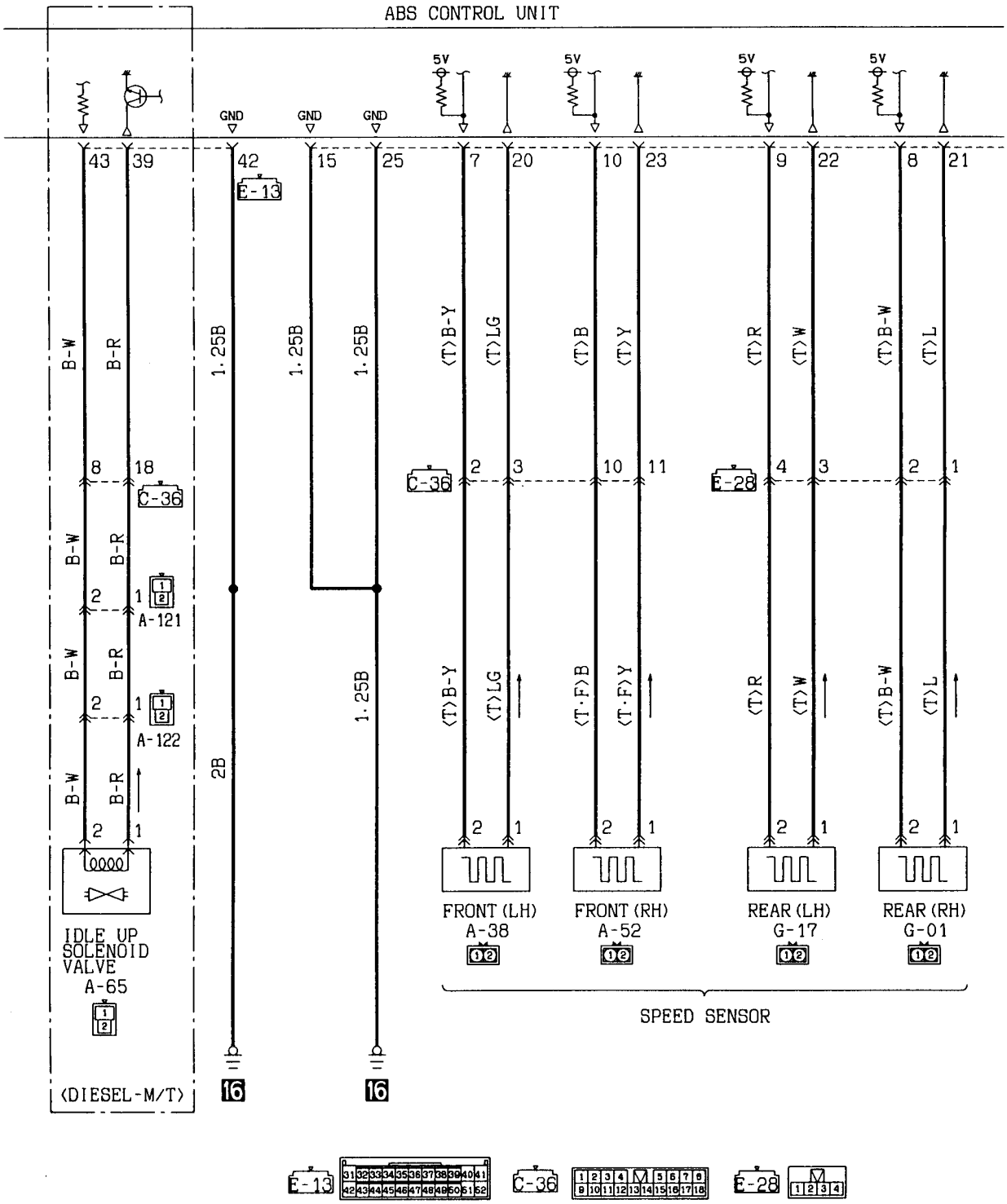

FUSIBLE LINK ①
G-R
1.25W-Y
3W-Y
ABS RELAY BOX
A-120
VALVE RELAY
MOTOR RELAY
OFF
ON
1.25 G-Y
1.25G-Y
1.25B
3B-W
G-B
HYDRAULIC UNIT
12 A-64
SOLENOID VALVE
(FRONT :RH)
(FRONT :LH)
(REAR)
IN
OUT
MOTOR
A-63
MPI SYSTEM
B-W
G-W
1.25B-W
L
1.25Y-R
1.25Y-B
1.25Y-L
1.25Y-W
1.25Y-G
C-36
G-Y
Y-R
Y-L
Y-W
ABS CONTROL UNIT
E-12
E-13
A-119
A-120
E-12
E-13

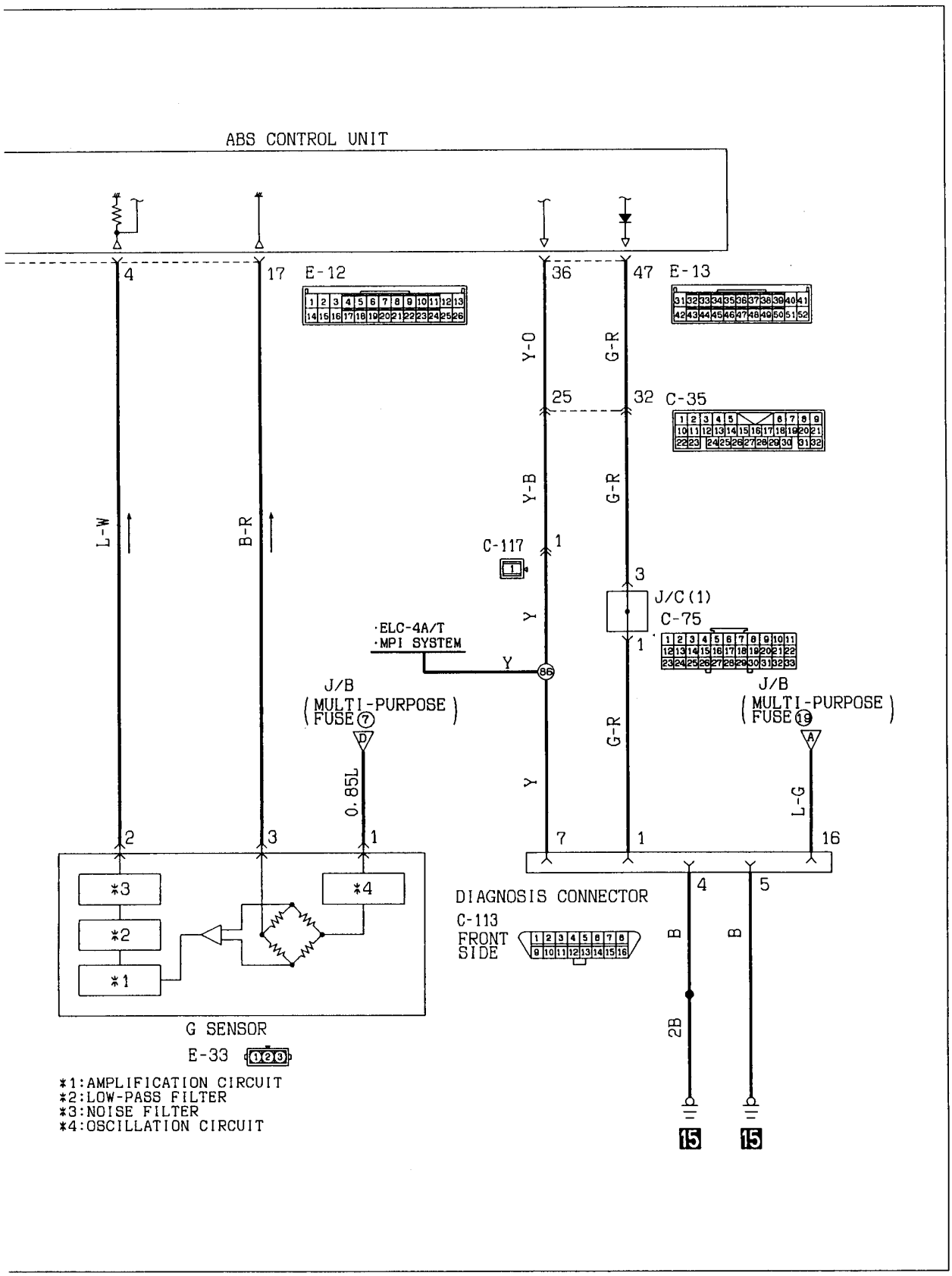
ANTI-LOCK BRAKE SYSTEM
〈R.H. drive vehicles〉(CONTINUED)




ABS CONTROL UNIT
5V
5V
5V
46
45
35
E-13
E-29
R-L
Y-G
L-W
28
31
30
C-35
REAR
DIFFERENTIAL
LOCK SYSTEM
R-L
R-L
R-L
49
E-26
4
26
28
J/C(4)
C-78
25
27
2
SUPER SELECT
4WD SYSTEM
REAR
DIFFERENTIAL
LOCK
DETECTION
SWITCH
Y
L-W
48
47
2
OFF
ON
1
B
Y
L-W
C-28
15
5
C-50
1
G-18
B
Y
L-W
2B
2
1
FREE WHEEL
ENGAGE
SWITCH
A-59
B-03
OFF
ON
OFF
ON
B
1
16
9
(WITH REAR
DIFFERENTIAL LOCK)
CENTER
DIFFERENTIAL
LOCK DETECTION
SWITCH

ANTI-LOCK BRAKE SYSTEM
〈R.H. drive vehicles〉(CONTINUED)



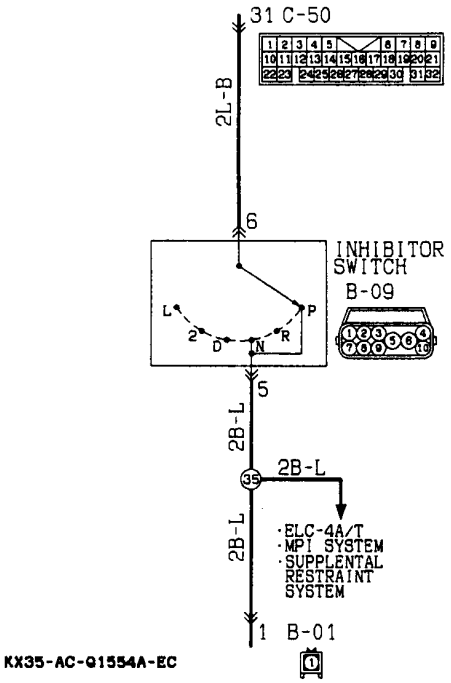

ABS CONTROL UNIT
4
17
E-12
36
47
E-13
Y-O
G-R
25
32
C-35
Y-B
G-R
L-W
B-R
C-117
1
3
J/C(1)
C-75
·ELC-4A/T
·MPI SYSTEM
Y
86
J/B
(MULTI-PURPOSE FUSE ⑦)
J/B
(MULTI-PURPOSE FUSE ⑲)
D
A
0.85L
G-R
Y
L-G
2
3
1
7
1
16
*3
*2
*1
*4
DIAGNOSIS CONNECTOR
C-113
FRONT SIDE
4
5
B
B
2B
15
15
G SENSOR
E-33
*1:AMPLIFICATION CIRCUIT
*2:LOW-PASS FILTER
*3:NOISE FILTER
*4:OSCILLATION CIRCUIT

AUTO-CRUISE CONTROL SYSTEM

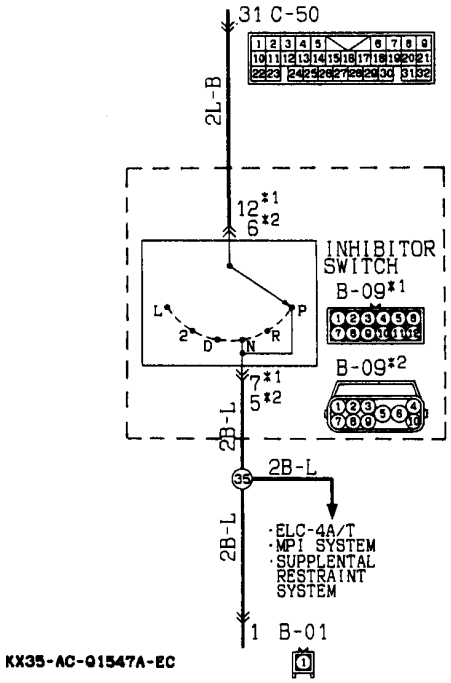
L.H. drive vehicles <Petrol-powered vehicles>

- The inhibitor switch has been changed. <Vehicles with 6G72 engine>

(New)

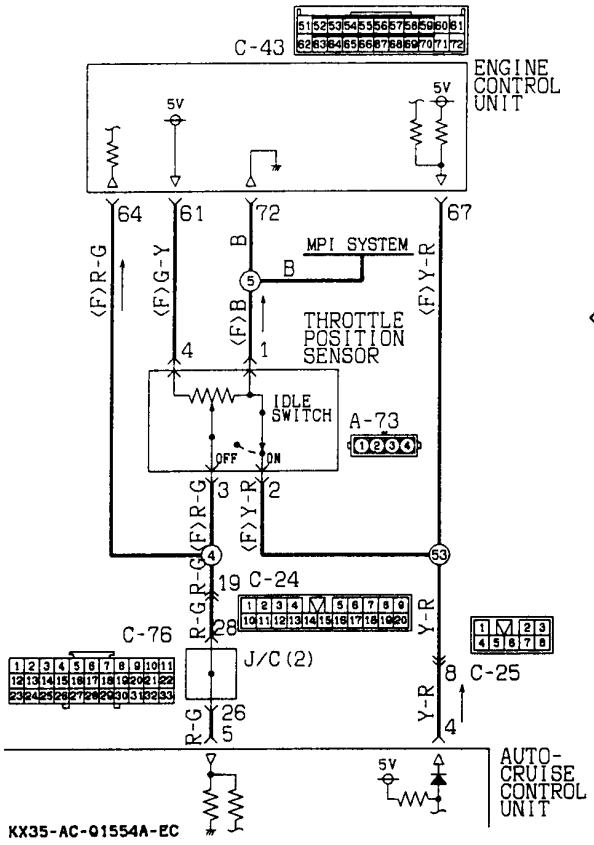


(Old)

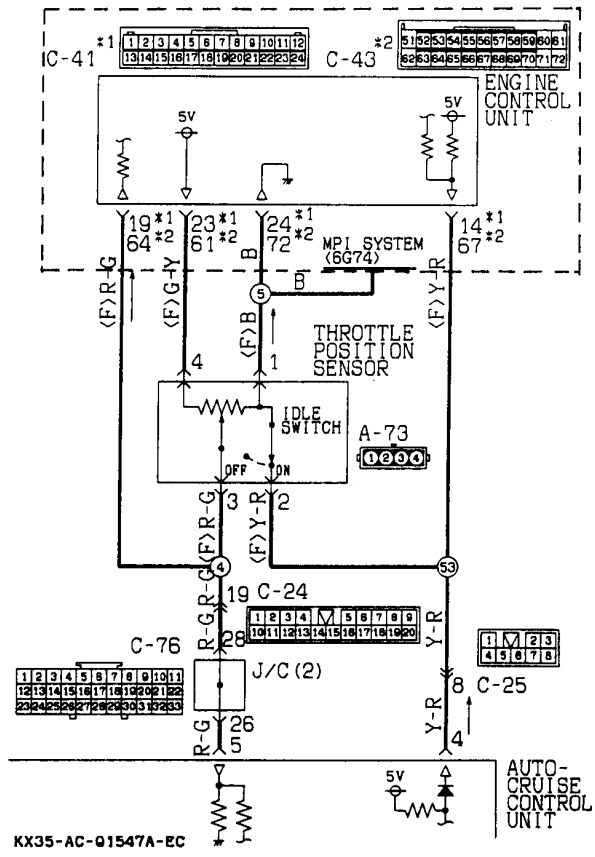


- The engine control unit has been changed. <Vehicles with 6G72 engine>

(New)



(Old)

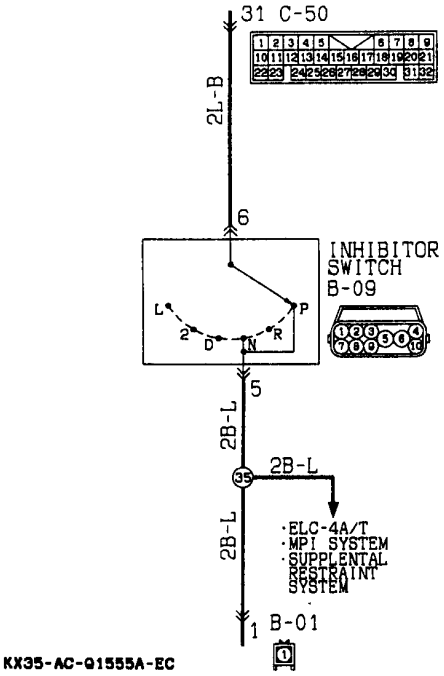


AUTO-CRUISE CONTROL SYSTEM

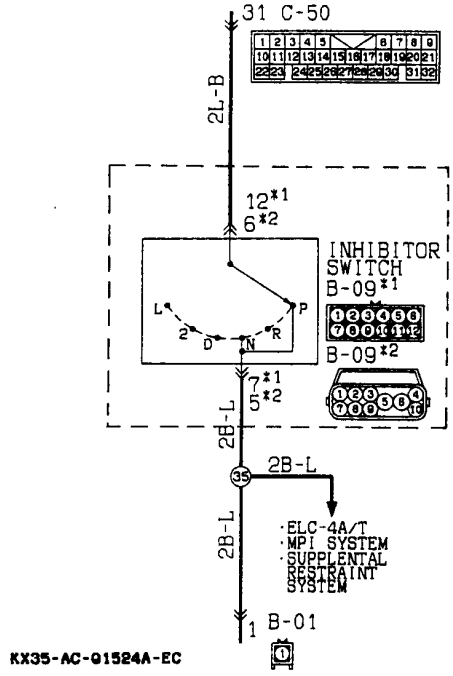
R.H. drive vehicles <Petrol-powered vehicles>

- The inhibitor switch has been changed. <Vehicles with 6G72 engine>

(New)

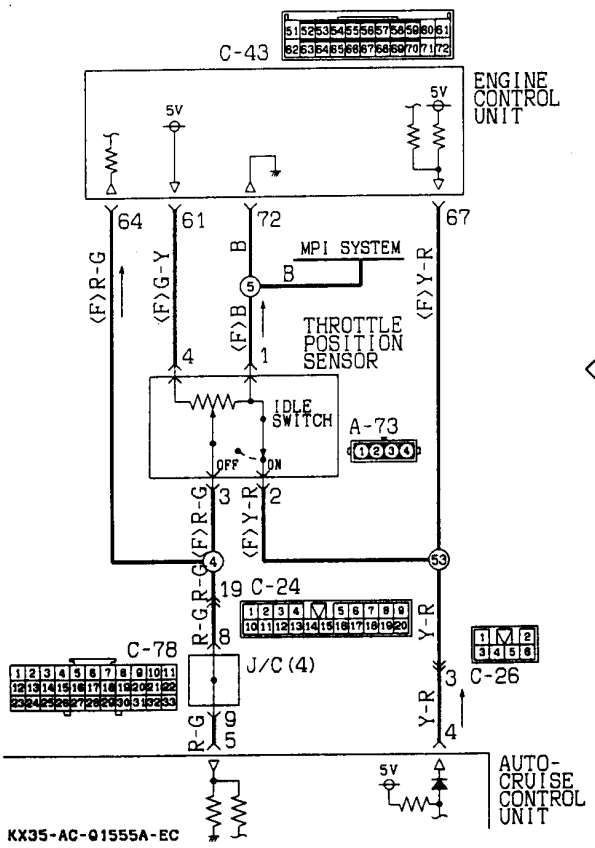


(Old)

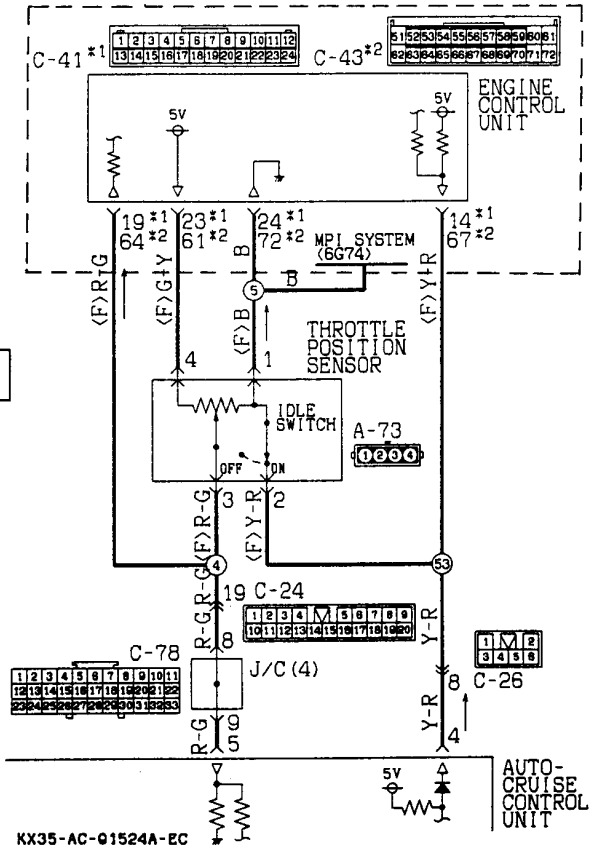


- The engine control unit has been changed. <Vehicles with 6G72 engine>

(New)



(Old)

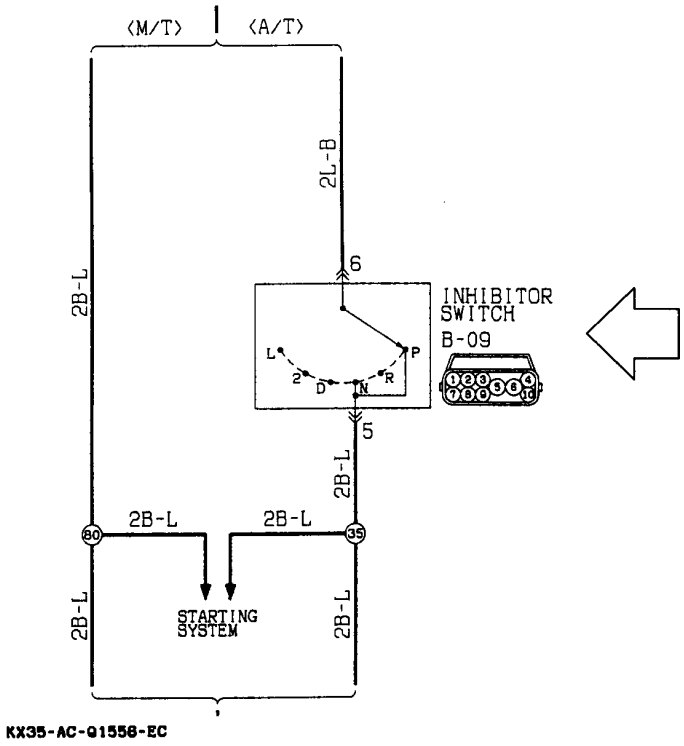
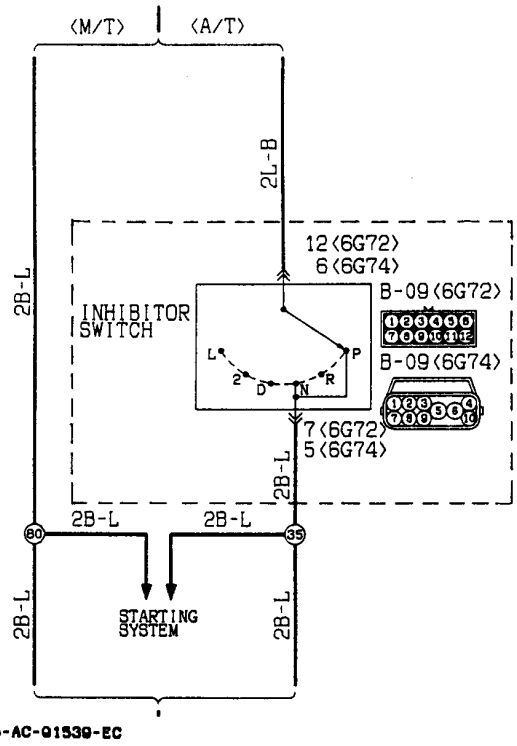


SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

Petrol-powered vehicles

The inhibitor switch has been changed. <Vehicles with 6G72 engine>

(New)



(Old)