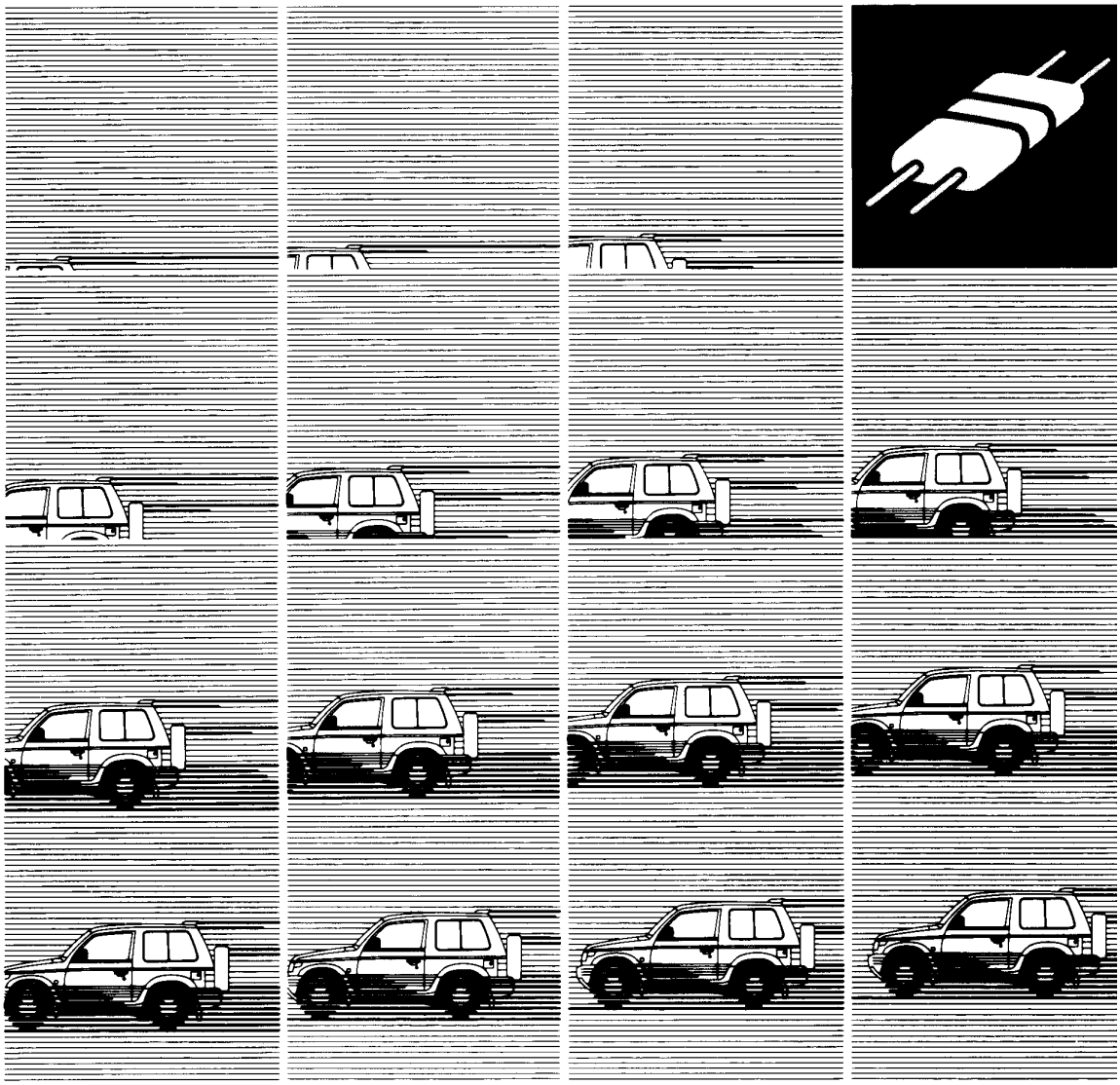
MITSUBISHI MOTORS

Workshop Manual

electrical wiring

SUPPLEMENT

PAJERO '99



Pub. No. PHJE9026-H

MITSUBISHI PAJERO

ELECTRICAL WIRING SUPPLEMENT

FORWORD

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
ENGINE GROUP
PWEE□□□□
(Looseleaf edition)
CHASSIS GROUP
PWJE9086
(Looseleaf edition)
PWJE9086-G (Supplement)
PWJE9086-H (Supplement)
PWJE9086-I (Supplement)
ELECTRICAL WIRING
PHJE9026
(Looseleaf edition)
PHJE9026-D (Supplement)
PHJE9026-E (Supplement)
PHJE9026-F (Supplement)
PHJE9026-G (Supplement)
PARTS CATALOGUE
B6035607A□

All information, illustrations and product descriptions contained in the manual are current as at the 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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GROUP INDEX

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HOW TO READ THE WIRING DIAGRAMS 1
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

CONTENTS

WIRING HARNESS CONFIGURATION DIAGRAMS 2

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WIRING HARNESS CONFIGURATION DIAGRAMS

Wiring harness configuration diagrams				Description of changes
Connector symbol	Name		Reference page	
A	ENGINE COMPART-MENT	L.H. drive vehicles with 4D56 engine	–	The ABS idle up solenoid valve has been abolished and the following connectors have been changed or abolished. • The solenoid valve sub harness (A) and control wiring harness combination (A-121) has been changed to the spare connector. • The idle up solenoid valve <ABS> (A-65) has been abolished.
		R.H. drive vehicles with 4D56 engine	–	The ABS idle up solenoid valve has been abolished and the following connectors have been changed or abolished. • The solenoid valve sub harness (A) and control wiring harness combination (A-121) has been changed to the spare connector. • The idle up solenoid valve <ABS> (A-65) has been abolished. • The solenoid valve sub harness (A) and solenoid valve sub harness (B) combination (A-122) has been abolished.
		L.H. drive vehicles with 4M40 engine	–	The ABS idle up solenoid valve has been abolished and the following connectors have been changed or abolished. • The solenoid valve sub harness (A) and control wiring harness combination (A-121) has been changed to the spare connector. • The idle up solenoid valve <ABS> (A-65) has been abolished.
		R.H. drive vehicles with 4M40 engine	–	The ABS idle up solenoid valve has been abolished and the following connectors have been changed or abolished. • The solenoid valve sub harness (A) and control wiring harness combination (A-121) has been changed to the spare connector. • The idle up solenoid valve <ABS> (A-65) has been abolished. • The solenoid valve sub harness (A) and solenoid valve sub harness (B) combination (A-122) has been abolished.

SINGLE PART INSTALLATION POSITION

Location of changes	Reference page	Description of changes
SOLENOID VALVE	–	The ABS idle up solenoid valve has been abolished.

CIRCUIT DIAGRAMS

Circuit diagrams			Description of changes
Main title	Sub title	Reference page	
ANTI-LOCK BRAKE SYSTEM (ABS)	L.H. drive vehicles	4-2	The circuit diagrams have been changed to correspond to abolishment of idle up solenoid valve.
	R.H. drive vehicles	4-8	

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) A (Added) : This circuit has been newly added in this manual.
(2) R (Revised) : This circuit has been changed, and is included in this manual.
(3) D (Deleted) : This circuit has been deleted in this manual.
(4) I (Included) : This circuit is included in this manual.
(5) N (Not included) : This circuit is not included in this manual.
(6) P (Previous manual) : This circuit is not included in this manual, because it has not been changed. Refer to this previous manuals.

Main circuit	Circuit classifications	Pub No. PHJE9026-C (Basic)	Pub No. PHJE9026-D (Supplement)	Pub No. PHJE9026-E (Supplement)	Pub No. PHJE9026-F (Supplement)	Pub No. PHJE9026-G (Supplement)	**Pub No. PHJE9026-H (Supplement)**
JUNCTION BLOCK	–	I	**P**	R	**P**	**P**	**P**
CENTRALIZED JUNCTION	–	I	**P**	R	**P**	R	**P**
POWER DISTRIBUTION SYSTEM	Petrol-powered vehicles	I	**P**	R	R	R	**P**
	Diesel-powered vehicles	I	**P**	R	R	R	**P**
STARTING SYSTEM	4G64 engine	I	D	N	N	N	**N**
	6G72, 6G74 engine	I	R	**P**	**P**	**P**	**P**
	4D56, 4M40 engine	I	**P**	**P**	**P**	**P**	**P**
IGNITION SYSTEM	4G64 engine	I	D	N	N	N	**N**
	6G72 engine	I	D	N	N	N	**N**
	6G74 engine	I	D	N	N	N	**N**
	6G72, 6G74 engine	N	A	**P**	**P**	N	**N**
	6G72, 6G74 engine <L.H. drive vehicles>	N	N	N	N	A	**P**
	6G72, 6G74 engine <R.H. drive vehicles>	N	N	N	N	A	**P**
CHARGING SYSTEM	4G64, 6G72 engine	I	D	N	N	N	**N**
	6G74 engine	I	D	N	N	N	**N**
	6G72, 6G74 engine	N	A	**P**	**P**	**P**	**P**
	4D56, 4M40 engine	I	**P**	**P**	**P**	**P**	**P**
GLOW SYSTEM	4D56 engine <Without supercharging pressure relief solenoid valve>	I	**P**	**P**	**P**	R	**P**
	4D56 engine <With supercharging pressure relief solenoid valve>	I	**P**	**P**	**P**	**P**	**P**
	4M40 engine <Without supercharging pressure relief solenoid valve>	I	R	**P**	R	R	**P**

Main circuit	Circuit classifications	Pub No. PHJE9026-C (Basic)	Pub No. PHJE9026-D (Supplement)	Pub No. PHJE9026-E (Supplement)	Pub No. PHJE9026-F (Supplement)	Pub No. PHJE9026-G (Supplement)	Pub No. PHJE9026-H (Supplement)
GLOW SYSTEM	4M40 engine <With supercharging pressure relief solenoid valve>	I	R	**P**	R	**P**	**P**
MPI SYSTEM	4G64 engine-M/T	I	D	N	N	N	N
	6G72 engine-M/T	I	R	D	N	N	N
	6G72 engine-A/T	I	R	D	N	N	N
	6G74 engine-M/T	I	R	D	N	N	N
	6G74 engine-A/T	I	R	D	N	N	N
	6G72 engine-M/T <Vehicles without immobilizer system>	N	N	A	R	D	D
	6G72 engine-M/T <Vehicles with immobilizer system>	N	N	A	R	D	D
	6G72 engine-A/T <Vehicles without immobilizer system>	N	N	A	R	D	D
	6G72 engine-A/T <Vehicles with immobilizer system>	N	N	A	R	D	D
	6G74 engine-M/T <Vehicles without immobilizer system>	N	N	A	R	D	D
	6G74 engine-M/T <Vehicles with immobilizer system>	N	N	A	R	D	D
	6G74 engine-A/T <Vehicles without immobilizer system>	N	N	A	R	D	D
	6G74 engine-A/T <Vehicles with immobilizer system>	N	N	A	R	D	D
	6G72 engine-M/T <L.H. drive vehicles>	N	N	N	N	A	**P**
	6G72 engine-M/T <R.H. drive vehicles>	N	N	N	N	A	**P**
	6G72 engine-A/T <L.H. drive vehicles>	N	N	N	N	A	**P**
	6G72 engine-A/T <R.H. drive vehicles>	N	N	N	N	A	**P**
	6G74 engine-M/T <L.H. drive vehicles>	N	N	N	N	A	**P**
	6G74 engine-M/T <R.H. drive vehicles>	N	N	N	N	A	**P**
	6G74 engine-A/T <L.H. drive vehicles>	N	N	N	N	A	**P**
	6G74 engine-A/T <R.H. drive vehicles>	N	N	N	N	A	**P**

Main circuit	Circuit classifications	Pub No. PHJE9026-C (Basic)	Pub No. PHJE9026-D (Supplement)	Pub No. PHJE9026-E (Supplement)	Pub No. PHJE9026-F (Supplement)	Pub No. PHJE9026-G (Supplement)	Pub No. PHJE9026-H (Supplement)
OVERDRIVE CONTROL SYSTEM	6G72 engine	I	D	N	N	N	N
ELC-4A/T	6G72, 6G74 engine	N	A	R	P	R	P
	6G74 engine	I	D	N	N	N	N
	4M40 engine	I	P	R	P	P	P
HEADLAMP	L.H. drive vehicles without daytime running lamp <without SRS>	I	P	P	P	P	P
	L.H. drive vehicles without daytime running lamp <with SRS>	I	P	P	P	P	P
	L.H. drive vehicles with daytime running lamp <without SRS>	I	P	P	P	P	P
	L.H. drive vehicles with daytime running lamp <with SRS>	I	P	P	P	P	P
	R.H. drive vehicles without SRS	I	P	P	P	P	P
	R.H. drive vehicles with SRS	I	P	P	P	P	P
HEADLAMP LEVELING SYSTEM	–	I	P	P	P	P	P
TAILLAMP, CLEARANCE LAMP, LICENSE PLATE LAMP	–	I	P	P	P	P	P
FRONT FOG LAMP	L.H. drive vehicles	N	N	N	N	A	P
	R.H. drive vehicles	N	N	N	N	A	P
REAR FOG LAMP	L.H. drive vehicles <without SRS>	I	P	R	P	P	P
	L.H. drive vehicles <with SRS>	I	P	R	P	P	P
	R.H. drive vehicles <without SRS>	I	P	P	P	P	P
	R.H. drive vehicles <with SRS>	I	P	P	P	P	P
ROOM LAMP	Canvas top	I	P	P	P	P	P
	2-door models without sunroof	I	P	P	P	P	P
	2-door models with sunroof	I	P	P	P	P	P
	4-door models	I	P	P	P	P	P
DOOR LAMP	L.H. drive vehicles	N	N	A	P	P	P
	R.H. drive vehicles	N	N	A	P	P	P
IGNITION KEY CYLINDER ILLUMINATION LAMP	L.H. drive vehicles	I	P	R	P	P	P
	R.H. drive vehicles	I	P	P	P	P	P

Main circuit	Circuit classifications	Pub No. PHJE9026-C (Basic)	Pub No. PHJE9026-D (Supplement)	Pub No. PHJE9026-E (Supplement)	Pub No. PHJE9026-F (Supplement)	Pub No. PHJE9026-G (Supplement)	Pub No. PHJE9026-H (Supplement)
TURN-SIGNAL LAMP AND HAZARD LAMP	–	I	P	P	P	P	P
STOP LAMP	–	I	P	P	P	P	P
BACK-UP LAMP	M/T	I	P	P	P	P	P
	A/T	I	R	P	P	P	P
HORN	Vehicles without SRS	I	P	P	P	P	P
	Vehicles with SRS	I	P	P	P	P	P
METER AND GAUGE	4G64 engine	I	D	N	N	N	N
	6G72, 6G74 engine	I	R	P	P	R	P
	4D56, 4M40 engine	I	P	P	P	P	P
LOW FUEL WARNING LAMP	–	I	P	P	P	P	P
FUEL FILTER WARNING LAMP	–	I	P	P	P	P	P
OIL PRESSURE WARNING LAMP	–	I	P	P	P	P	P
LOW ENGINE OIL LEVEL WARNING LAMP	–	I	P	P	R	R	P
BRAKE WARNING LAMP	–	I	P	P	R	P	P
MULTI-METER	Vehicles without electronic compass	I	P	P	P	P	P
	Vehicles with electronic compass	I	P	R	P	P	P
POWER WINDOWS	L.H. drive vehicles <2-door models>	I	P	P	P	R	P
	L.H. drive vehicles <4-door models>	I	P	P	P	R	P
	R.H. drive vehicles <2-door models>	I	P	P	P	R	P
	R.H. drive vehicles <4-door models>	I	P	P	P	R	P
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles	I	P	P	P	P	P
	L.H. drive vehicles with keyless entry system	N	N	A	P	P	P
	R.H. drive vehicles	I	P	P	P	P	P
	R.H. drive vehicles with keyless entry system	N	N	A	P	P	P
HEATER	L.H. drive vehicles without rear heater	I	P	P	P	P	P
	L.H. drive vehicles with rear heater <without dual air conditioner>	I	P	P	P	P	P

Main circuit	Circuit classifications	Pub No. PHJE9026-C (Basic)	Pub No. PHJE9026-D (Supplement)	Pub No. PHJE9026-E (Supplement)	Pub No. PHJE9026-F (Supplement)	Pub No. PHJE9026-G (Supplement)	**Pub No. PHJE9026-H (Supplement)**
HEATER	L.H. drive vehicles with rear heater <with dual air conditioner>	I	**P**	**P**	**P**	**P**	**P**
	R.H. drive vehicles without rear heater	I	**P**	**P**	**P**	**P**	**P**
	R.H. drive vehicles with rear heater <without dual air conditioner>	I	**P**	**P**	**P**	**P**	**P**
	R.H. drive vehicles with rear heater <with dual air conditioner>	I	**P**	**P**	**P**	**P**	**P**
SINGLE AIR CONDITIONER	L.H. drive vehicles <4G64, 6G72 engine>	I	R	D	N	N	N
	L.H. drive vehicles <6G74 engine>	I	R	D	N	N	N
	L.H. drive vehicles <petrol-powered vehicles>	N	N	A	R	**P**	**P**
	L.H. drive vehicles <diesel-powered vehicles>	I	**P**	**P**	R	**P**	**P**
	R.H. drive vehicles <petrol-powered vehicles>	I	R	R	R	R	**P**
	R.H. drive vehicles <diesel-powered vehicles>	I	**P**	**P**	R	R	**P**
DUAL AIR CONDITIONER	L.H. drive vehicles without rear heater <petrol-powered vehicles>	I	R	R	R	**P**	**P**
	L.H. drive vehicles without rear heater <diesel-powered vehicles>	I	**P**	**P**	R	**P**	**P**
	L.H. drive vehicles with rear heater <petrol-powered vehicles>	I	R	R	R	**P**	**P**
	L.H. drive vehicles with rear heater <diesel-powered vehicles>	I	**P**	**P**	R	**P**	**P**
	R.H. drive vehicles without rear heater <petrol-powered vehicles>	I	R	R	R	R	**P**
	R.H. drive vehicles without rear heater <diesel-powered vehicles>	I	**P**	**P**	R	R	**P**
	R.H. drive vehicles with rear heater <petrol-powered vehicles>	I	R	R	R	R	**P**
	R.H. drive vehicles with rear heater <diesel-powered vehicles>	I	**P**	**P**	R	R	**P**
WINDSHIELD WIPER AND WASHER	Vehicles without SRS	I	**P**	**P**	**P**	**P**	**P**
	Vehicles with SRS	I	**P**	**P**	**P**	**P**	**P**

Main circuit	Circuit classifications	Pub No. PHJE9026-C (Basic)	Pub No. PHJE9026-D (Supplement)	Pub No. PHJE9026-E (Supplement)	Pub No. PHJE9026-F (Supplement)	Pub No. PHJE9026-G (Supplement)	Pub No. PHJE9026-H (Supplement)
REAR WIPER AND WASHER	Vehicles without SRS	I	P	P	P	P	P
	Vehicles with SRS	I	P	P	P	P	P
HEADLAMP WASHER	–	I	P	P	P	P	P
DEFOGGER AND DOOR MIRROR HEATER	–	I	P	R	P	P	P
WIPER DEICER	–	I	P	R	P	P	P
REMOTE CONTROLLED DOOR MIRROR	–	I	P	P	P	P	P
RADIO AND TAPE PLAYER	L.H. drive vehicles <AM/FM radio>	I	P	D	N	N	N
	AM/FM radio	N	N	A	P	P	P
	L.H. drive vehicles <LW/MW/FM radio and tape player>	I	P	D	N	N	N
	LW/MW/FM radio and tape player	N	N	A	P	P	P
	L.H. drive vehicles <AM/FM radio and tape player>	I	P	P	P	P	P
	R.H. drive vehicles <AM/FM radio>	I	P	D	N	N	N
	R.H. drive vehicles <LW/MW/FM radio and tape player>	I	P	D	N	N	N
	R.H. drive vehicles <AM/FM radio and tape player>	I	P	R	P	P	P
CLOCK	L.H. drive vehicles	I	P	P	P	P	P
	R.H. drive vehicles	I	P	P	P	P	P
CIGARETTE LIGHTER	–	I	P	P	P	P	P
ACCESSORY SOCKET	–	I	P	P	P	P	P
SUNROOF	Canvas top	I	P	P	R	P	P
	2-door models	N	N	A	R	P	P
	4-door models	I	P	P	R	P	P
INTERCOOLER FAN	–	I	P	R	R	R	P
REAR DIFFERENTIAL LOCK SYSTEM	L.H. drive vehicles	I	P	P	P	P	P
	R.H. drive vehicles	I	P	P	P	P	P
PART TIME 4WD SYSTEM	–	I	P	R	P	P	P
SUPER SELECT 4WD SYSTEM	–	I	P	P	P	P	P
REMOTE CONTROLLED VARIABLE SHOCK ABSORBERS SYSTEM	–	I	P	R	P	P	P

Main circuit	Circuit classifications	Pub No. PHJE9026-C (Basic)	Pub No. PHJE9026-D (Supplement)	Pub No. PHJE9026-E (Supplement)	Pub No. PHJE9026-F (Supplement)	Pub No. PHJE9026-G (Supplement)	Pub No. PHJE9026-H (Supplement)
ANTI-LOCK BRAKE SYSTEM (ABS)	–	I	D	N	N	N	N
	L.H. drive vehicles	N	A	R	P	P	R
	R.H. drive vehicles	N	A	R	P	P	R
AUTO-CRUISE CONTROL SYSTEM	L.H. drive vehicles <petrol-powered vehicles>	I	R	R	P	R	P
	L.H. drive vehicles <diesel-powered vehicles>	I	P	R	P	P	P
	R.H. drive vehicles <petrol-powered vehicles>	I	R	P	P	R	P
	R.H. drive vehicles <diesel-powered vehicles>	I	P	P	P	P	P
HEATED SEAT	Vehicles without power seat	I	P	P	P	P	P
	Vehicles with power seat	I	P	P	P	P	P
POWER SEAT	–	I	P	P	P	P	P
LIGHTING MONITOR BUZZER	–	I	P	R	R	R	P
FUEL LINE HEATER	–	I	P	R	P	P	P
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	Petrol-power vehicles	I	R	R	D	N	N
	Diesel-power vehicles	I	R	R	D	N	N
	–	N	N	N	A	P	P
IMMOBILIZER SYSTEM	Petrol-power vehicles	N	N	A	R	R	P
	Diesel-power vehicles	N	N	A	R	P	P

HOW TO READ THE WIRING DIAGRAMS

CONTENTS

MODELS 1-2
HOW TO READ CIRCUIT DIAGRAMS 1-4

MODELS

<2-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V24C	NSGL6*	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	NDGL6*	Wagon	4D56 (2,477 mℓ) with turbocharger and inter-cooler	V5MT1(5M/T)	Injection
	NHGL6/R6*				
V24WG	NXGL6/R6*	Wagon with wide fender			
V26W	NHGL6*	Wagon	4M40 (2,835 mℓ) with turbocharger and inter-cooler	V5M31(5M/T)	
V26WG	NXGL6/R6*	Wagon with wide fender			
V23W	NHVL6	Wagon	6G72 (2,972 mℓ)	V5M31(5M/T)	MPI
	GNXVL6/R6	Wagon with wide fender			
	GRXVL6/R6			V4AW3(4A/T)	
V25WG	NXVL6/R6	Wagon with wide fender	6G74 (3,497 mℓ)	V5M31(5M/T)	
	RXVL6/R6			V4AW3(4A/T)	

NOTE
*: Indicates change

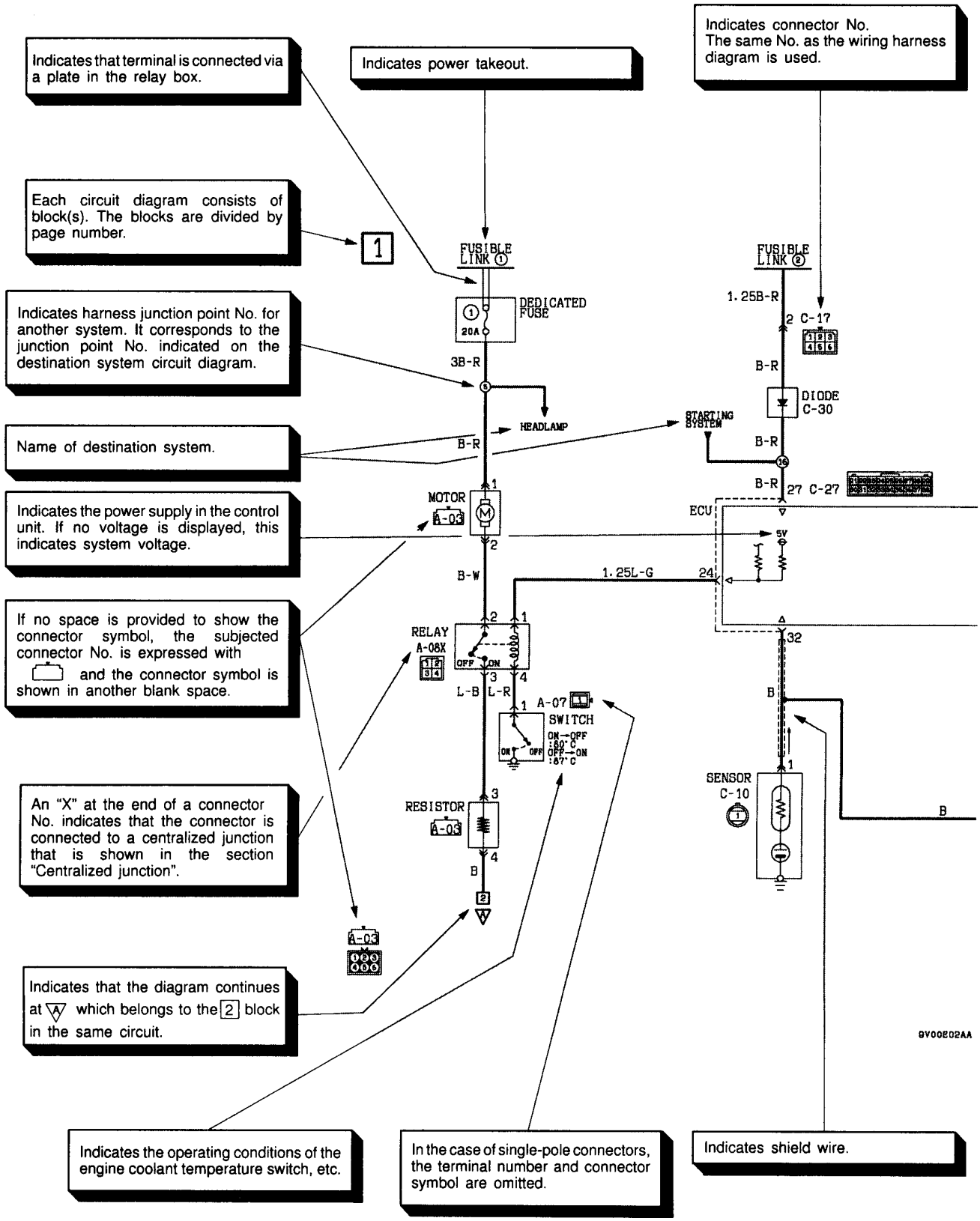
<4-DOOR MODELS>

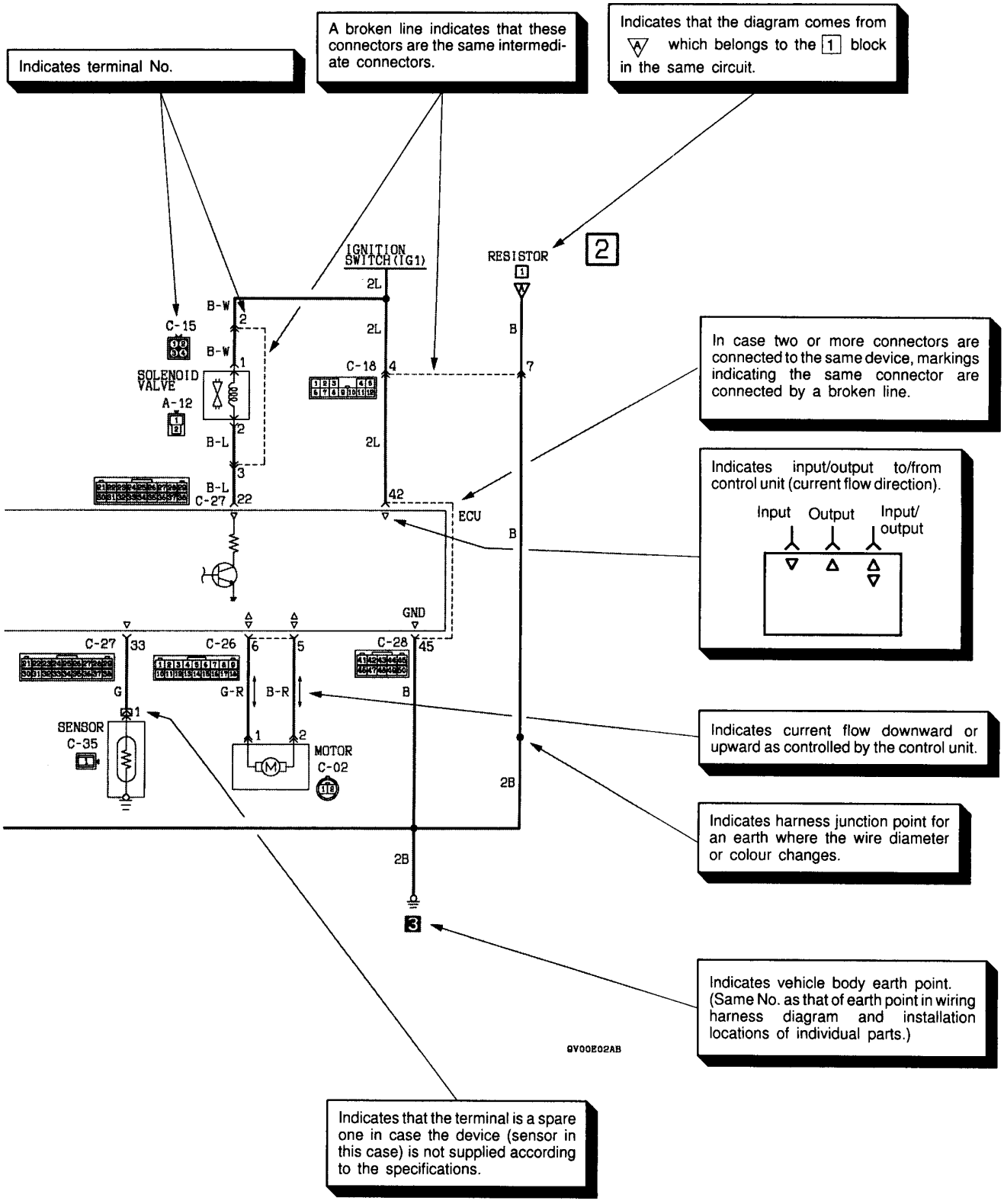
Model code		Body style	Engine model	Transmission model	Fuel supply system
V44W	NDGL6*	Wagon	4D56 (2,477 mℓ) with turbocharger and inter-cooler	V5MT1(5M/T)	Injection
	NDGCL6*	Wagon without 3rd seat row			
	NHGL6*	Wagon			
V44WG	NXGL6/R6*	Wagon with wide fender			
V46W	NDGL6*	Wagon	4M40 (2,835 mℓ) with turbocharger and inter-cooler	V5M31(5M/T)	
	NDGCL6*	Wagon without 3rd seat row			
	NHGL6/R6*	Wagon			
	RHGR6*			V4AW3(4A/T)	
V46WG	NXGL6/R6*	Wagon with wide fender		V5M31(5M/T)	
	RXGL6/R6*			V4AW3(4A/T)	
V43W	NHVL6/R6	Wagon	6G72 (2,972 mℓ)	V5MT1(5M/T)	MPI
	RHVL6/R6			V4AW3(4A/T)	
V43WG	NXVL6/R6	Wagon with wide fender		V5MT1(5M/T)	
	RXVL6/R6			V4AW3(4A/T)	
V45WG*	NXVL6/R6		6G74 (3,497 mℓ)	V5M31(5M/T)	
	RXVL6/R6			V4AW3(4A/T)	

NOTE
*: Indicates change

HOW TO READ CIRCUIT DIAGRAMS

The circuit of each system from fuse (or fusible link) to earth is shown. The power supply is shown at the top and the earth at the bottom to facilitate understanding of the current flow.




Indicates terminal No.
A broken line indicates that these connectors are the same intermediate connectors.
Indicates that the diagram comes from A which belongs to the 1 block in the same circuit.
IGNITION SWITCH(IG1)
RESISTOR
2
2L
B-W
C-15
B-W
SOLENOID VALVE
A-12
B-L
B-L
C-27
22
C-18
4
7
42
ECU
B
GND
C-27
33
C-26
6
5
C-28
45
G
G-R
B-R
B
SENSOR
C-35
1
MOTOR
C-02
2B
2B
3
In case two or more connectors are connected to the same device, markings indicating the same connector are connected by a broken line.
Indicates input/output to/from control unit (current flow direction).
Input
Output
Input/ output
Indicates current flow downward or upward as controlled by the control unit.
Indicates harness junction point for an earth where the wire diameter or colour changes.
Indicates vehicle body earth point. (Same No. as that of earth point in wiring harness diagram and installation locations of individual parts.)
9V00E02AB
Indicates that the terminal is a spare one in case the device (sensor in this case) is not supplied according to the specifications.

CIRCUIT DIAGRAM

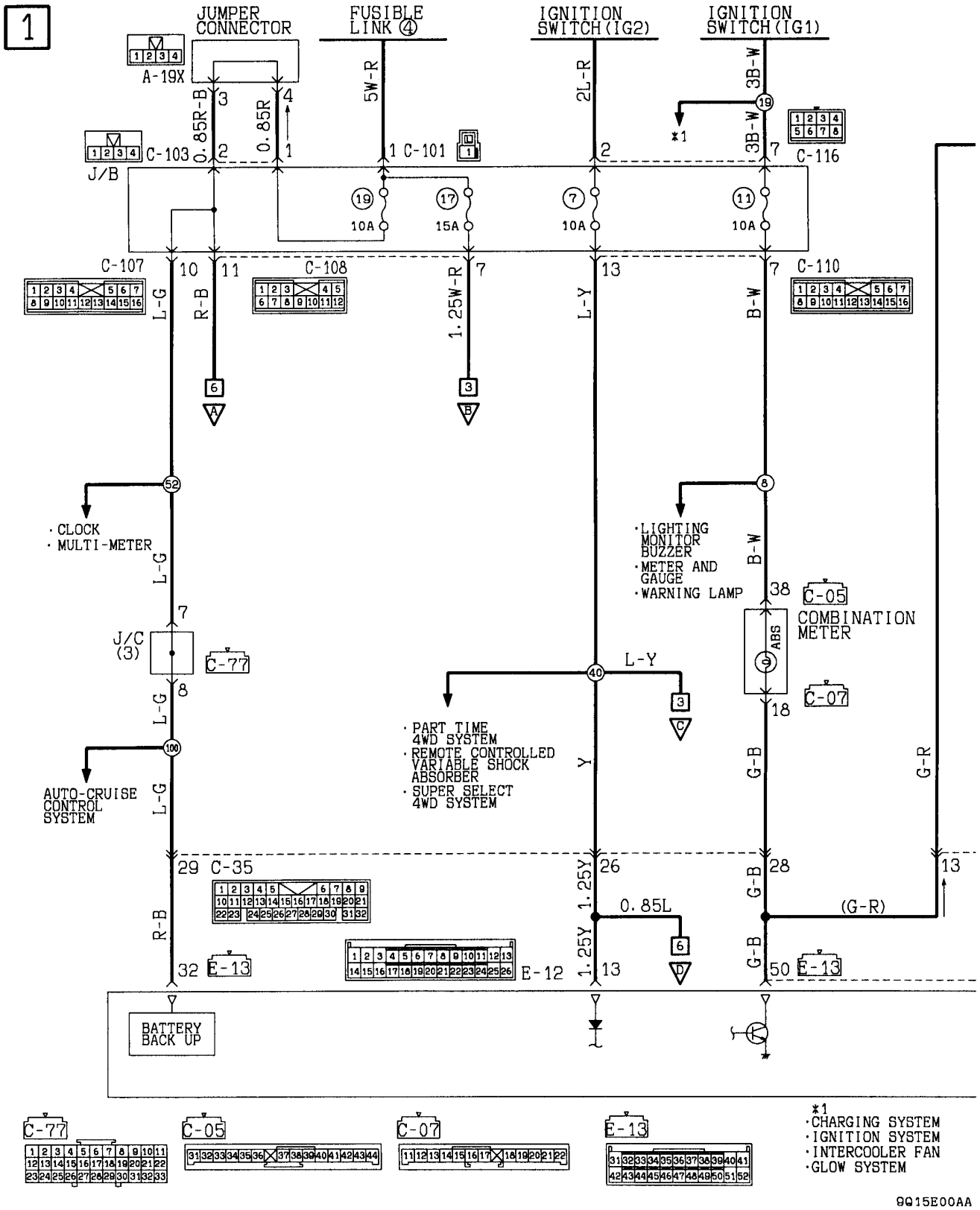
CONTENTS

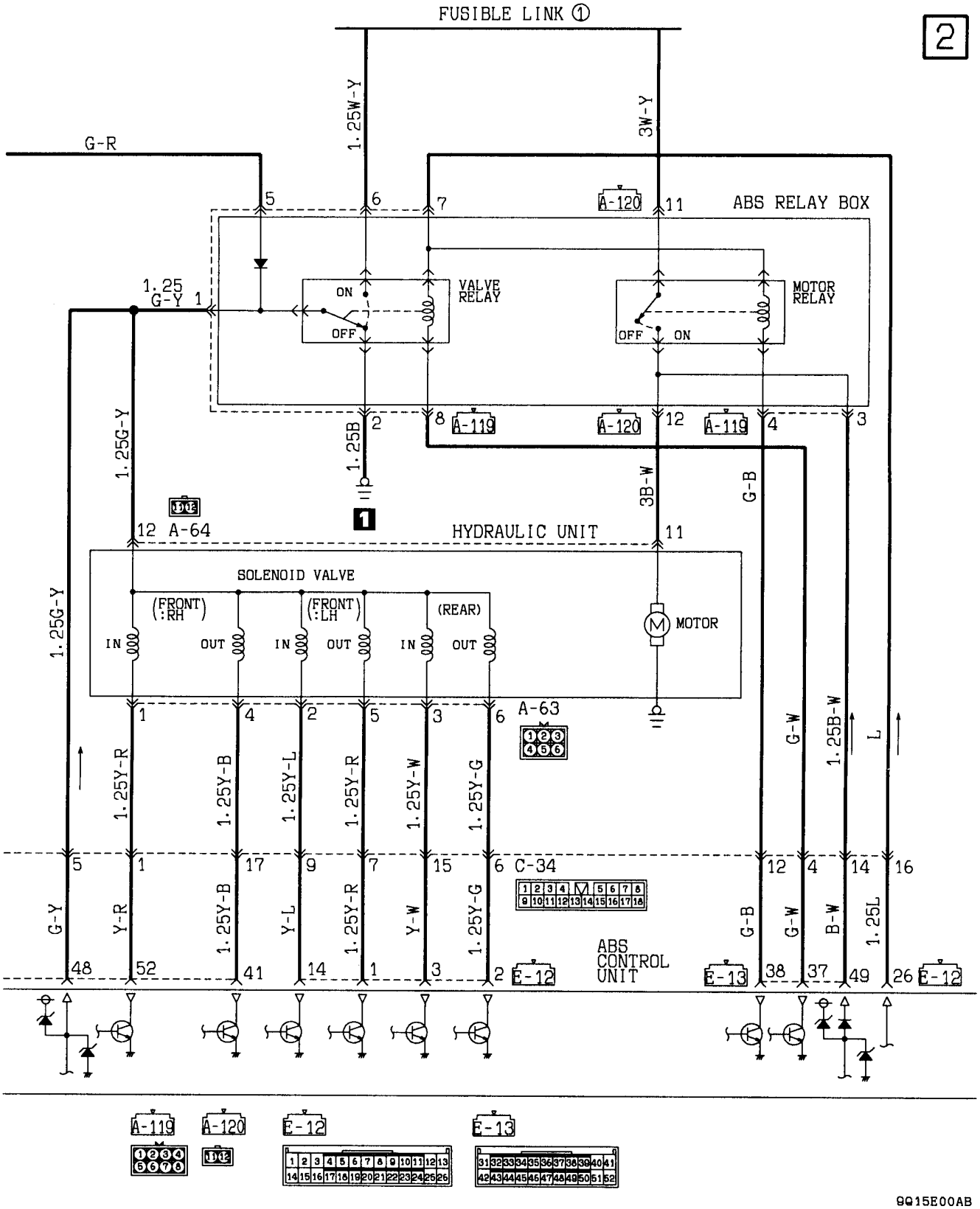
ANTI-LOCK BRAKE SYSTEM

L.H. drive vehicles 4-2
R.H. drive vehicles 4-8

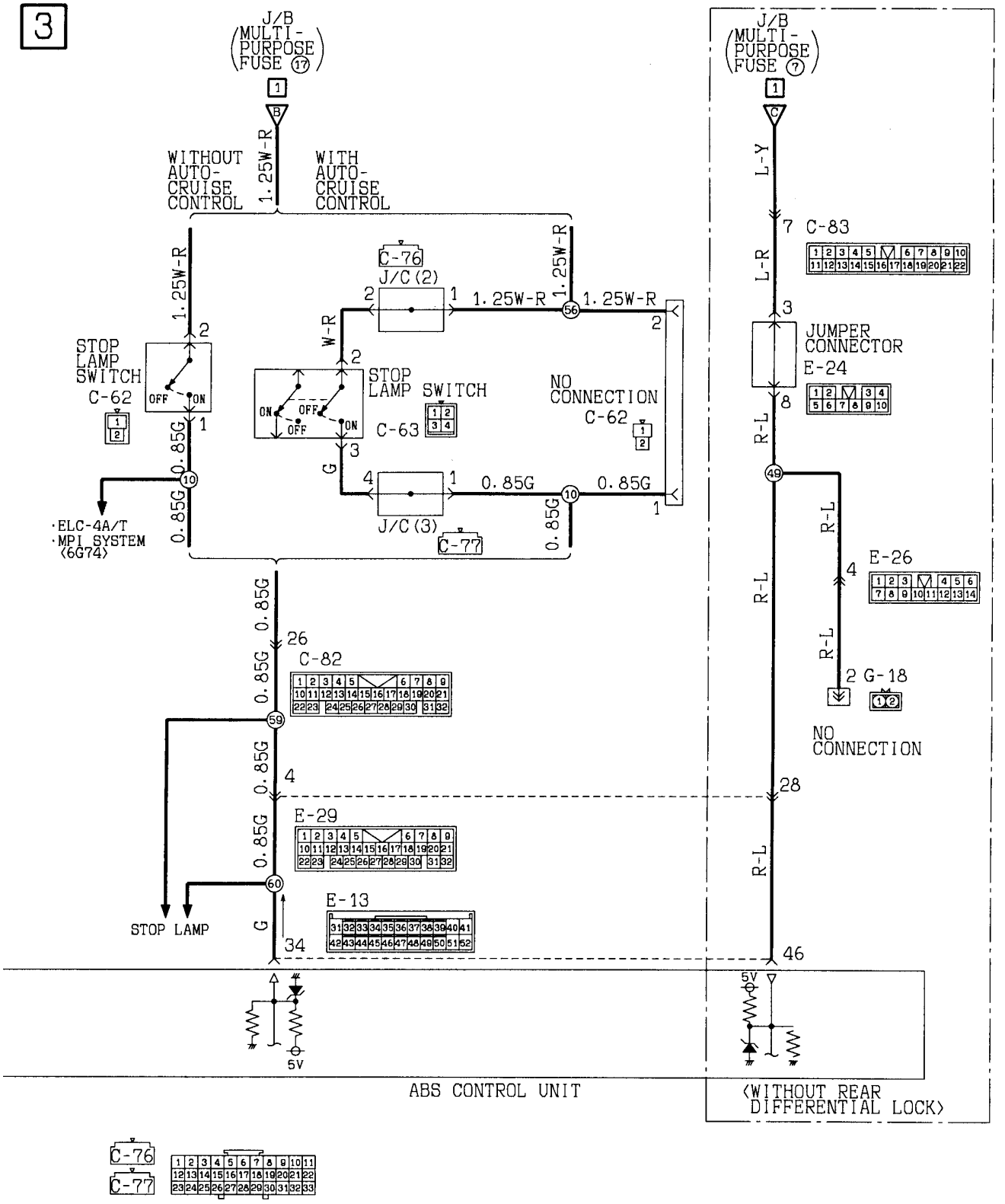
ANTI-LOCK BRAKE SYSTEM

<L.H. drive vehicles>

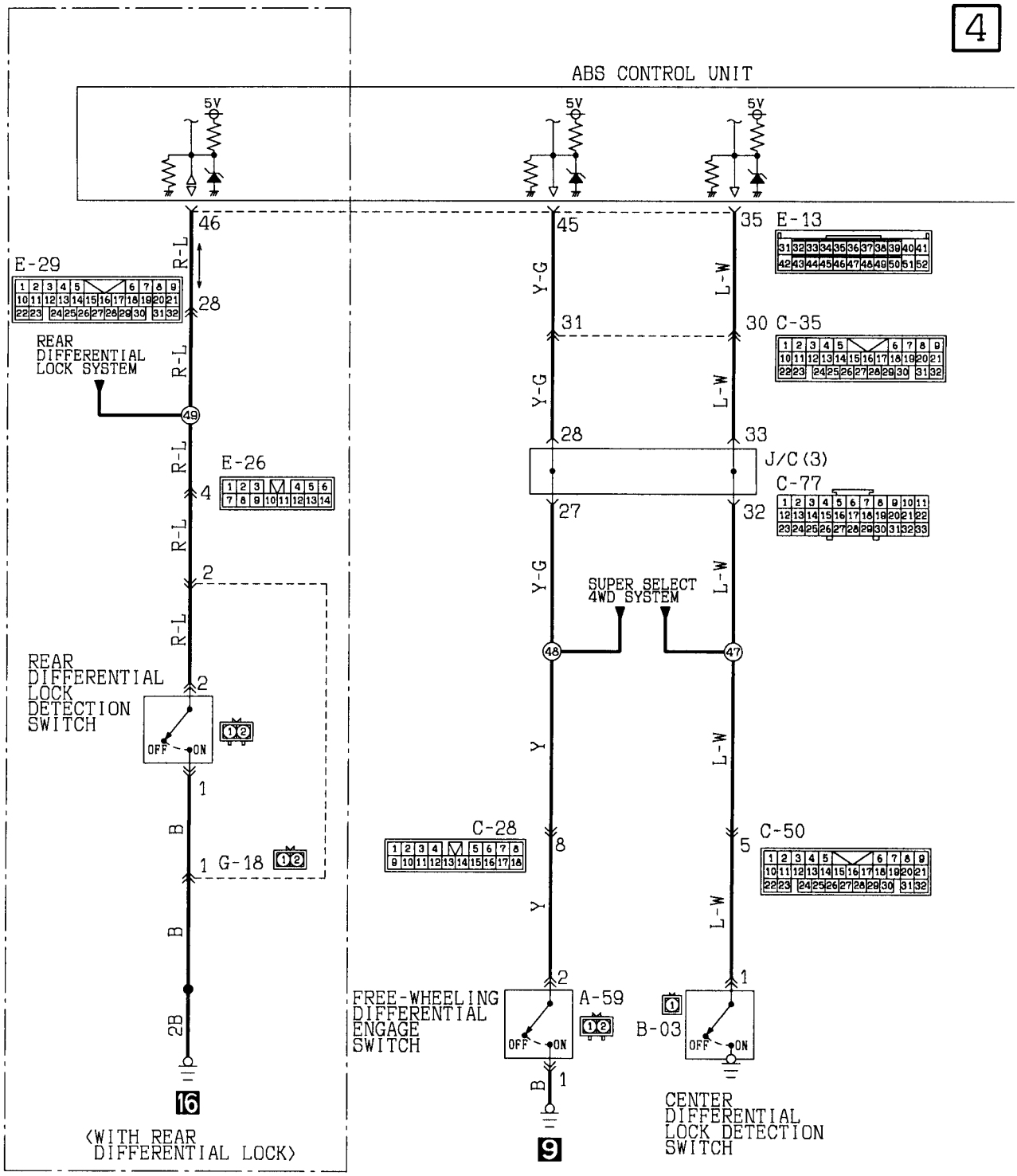



FUSIBLE LINK ①
2
G-R
1.25W-Y
3W-Y
5
6
7
A-120
11
ABS RELAY BOX
1.25
G-Y 1
ON
OFF
VALVE
RELAY
MOTOR
RELAY
OFF
ON
1.25G-Y
1.25B
2
8
A-119
A-120
12
A-119
4
3
3B-W
G-B
1
12 A-64
HYDRAULIC UNIT
11
SOLENOID VALVE
(FRONT)
(:RH)
(FRONT)
(:LH)
(REAR)
IN
OUT
IN
OUT
IN
OUT
MOTOR
1.25G-Y
1
4
2
5
3
6
A-63
1.25Y-R
1.25Y-B
1.25Y-L
1.25Y-R
1.25Y-W
1.25Y-G
G-W
1.25B-W
L
5
1
17
9
7
15
6 C-34
12
4
14
16
G-Y
Y-R
1.25Y-B
Y-L
1.25Y-R
Y-W
1.25Y-G
ABS
CONTROL
UNIT
G-B
G-W
B-W
1.25L
48
52
41
14
1
3
2
E-12
E-13
38
37
49
26
E-12
A-119
A-120
E-12
E-13
9Q15E00AB

ANTI-LOCK BRAKE SYSTEM
<L.H. drive vehicles> (CONTINUED)



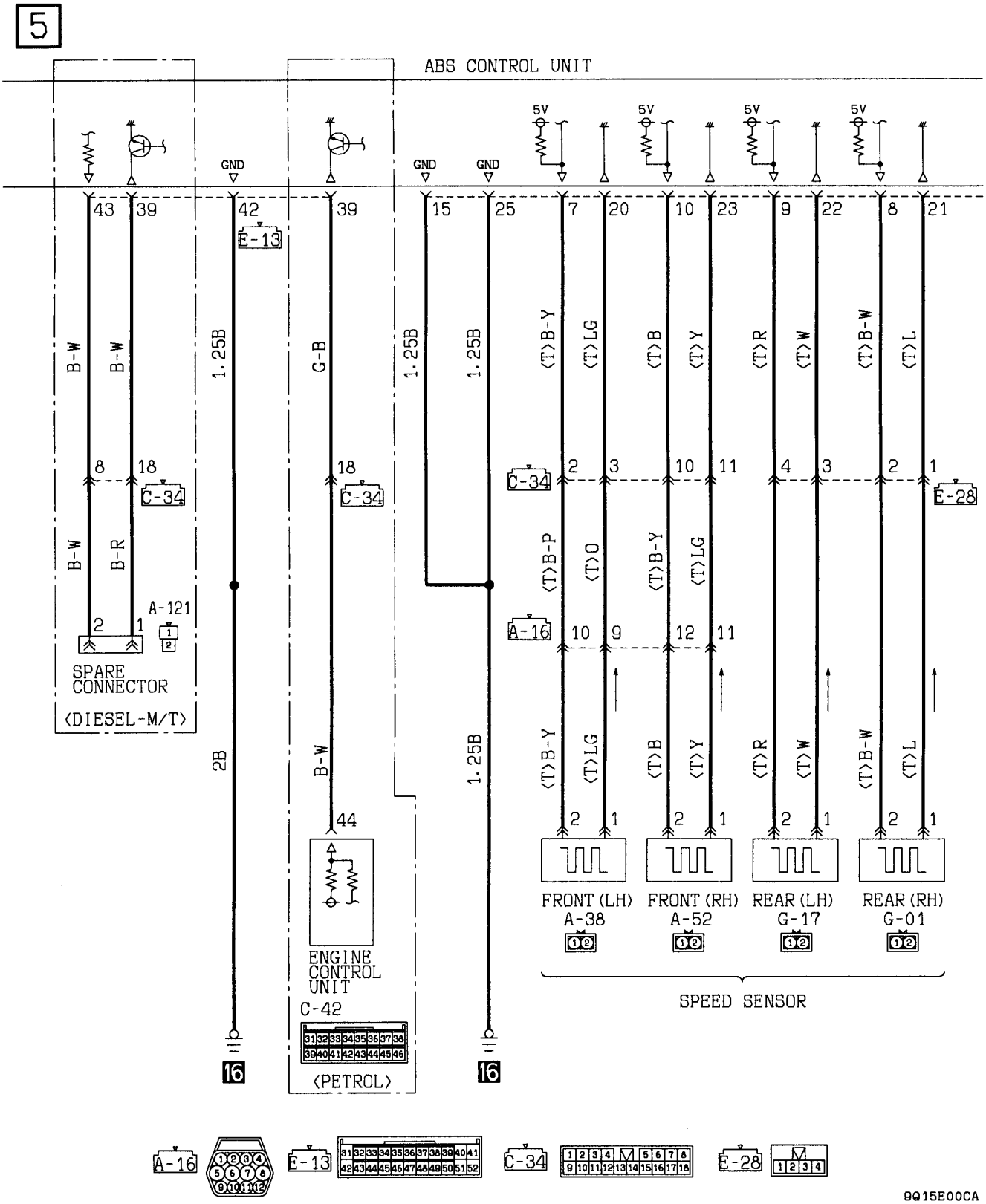
9Q15E00BA



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

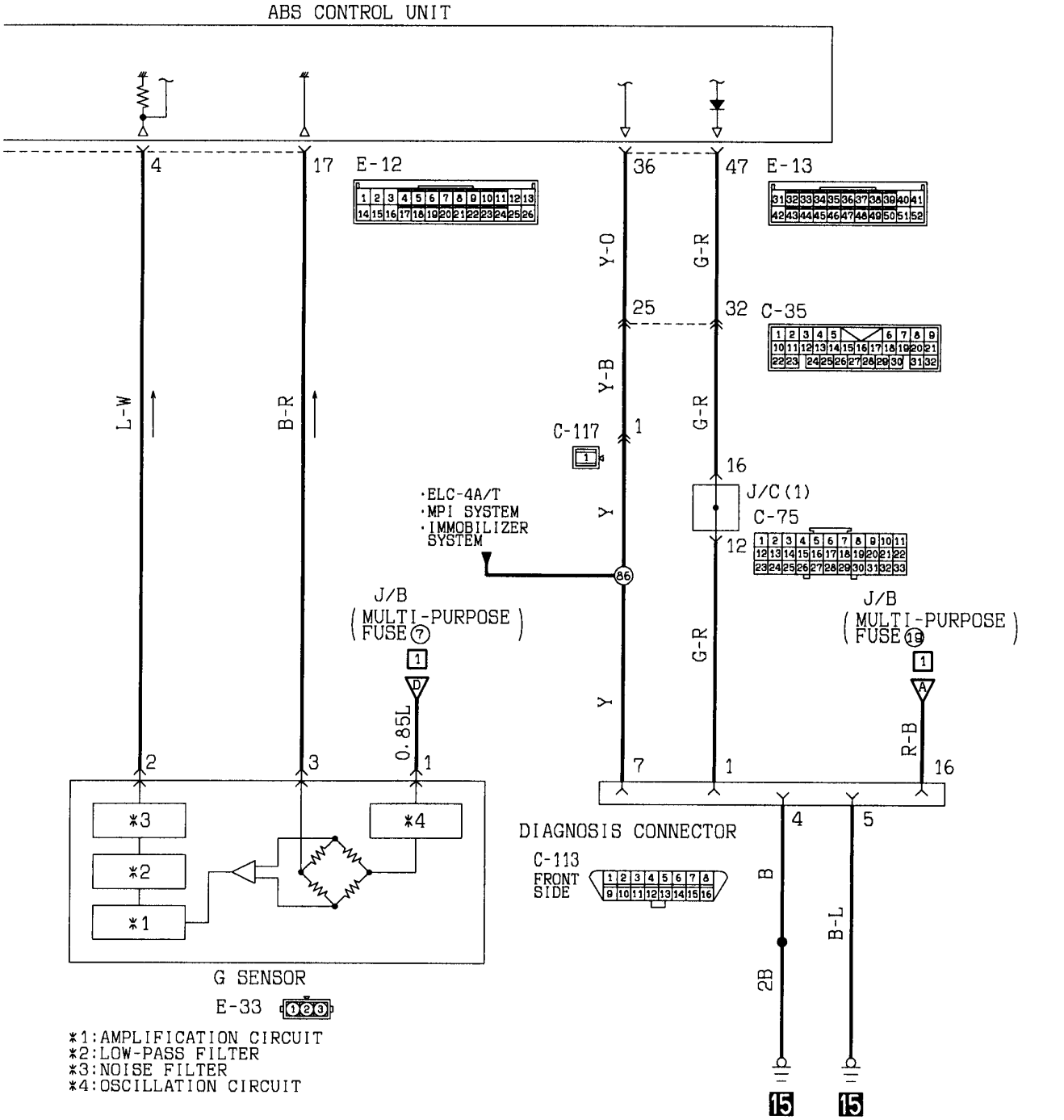
9Q15E00BB

ANTI-LOCK BRAKE SYSTEM
<L.H. drive vehicles> (CONTINUED)



9Q15E00CA

6

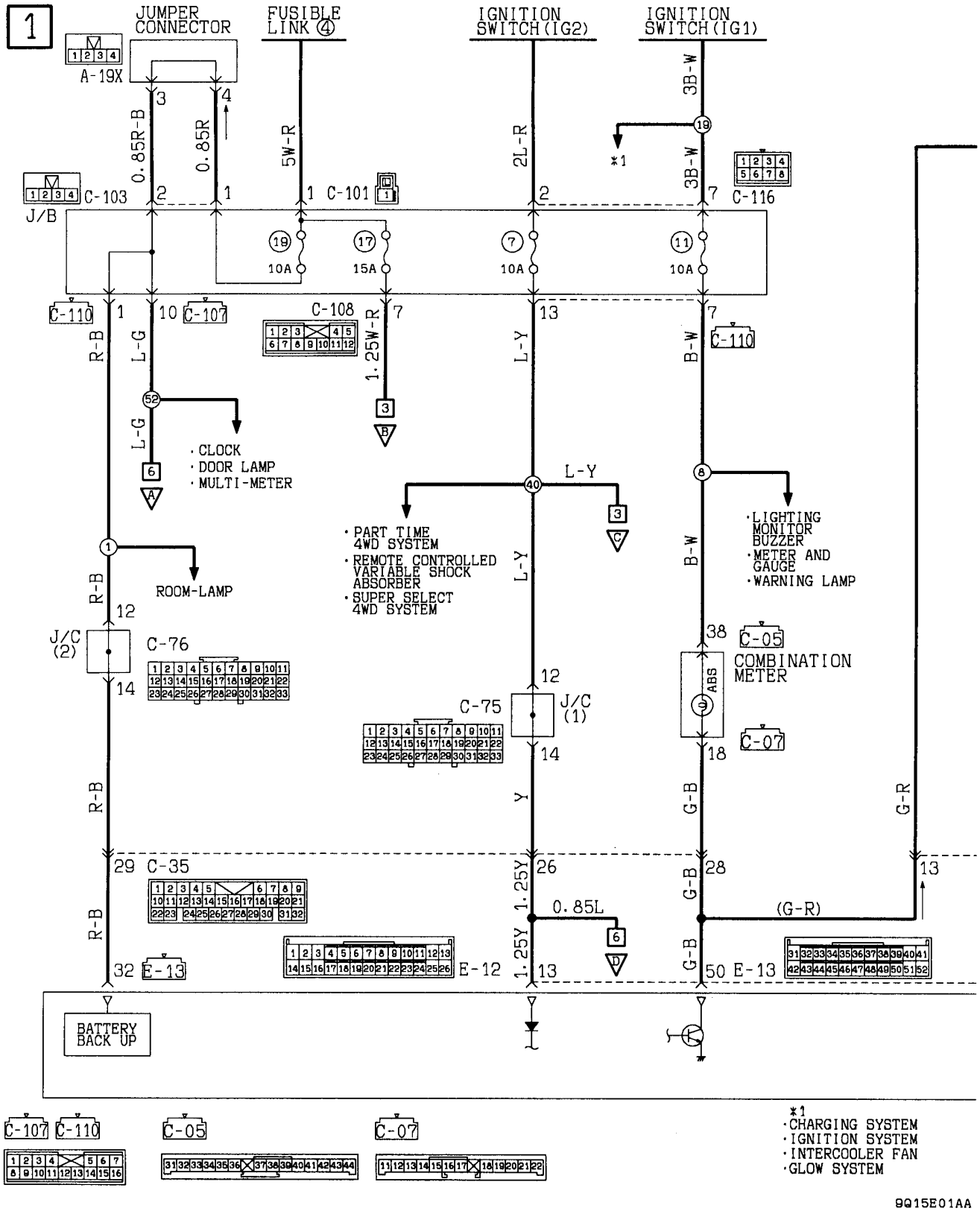


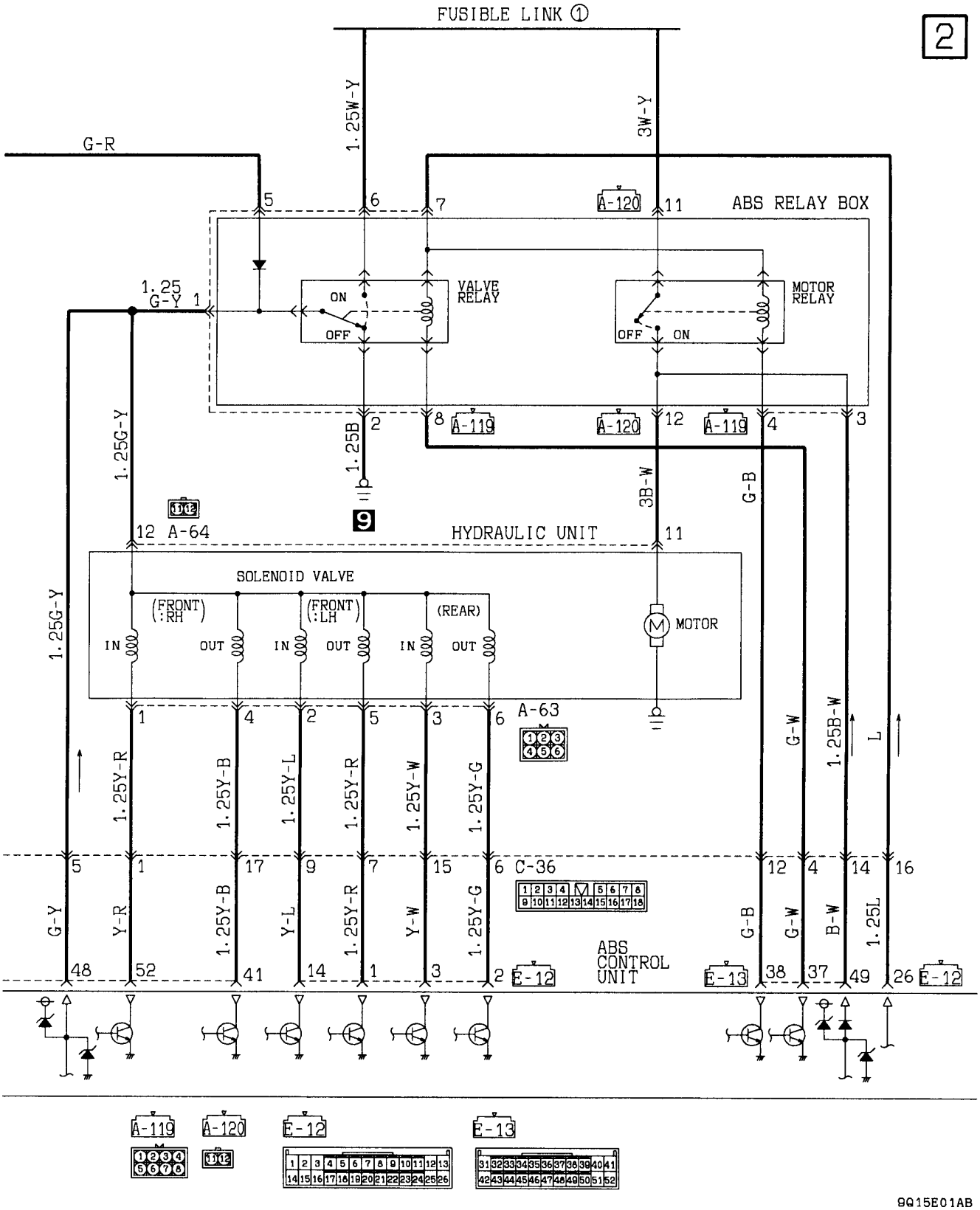
Wire colour code
B :Black LG:Light green G :Green L :Blue W :White Y :Yellow SB:Sky blue
BR:Brown O :Orange GR:Gray R :Red P :Pink V :Violet

9Q15E00CB

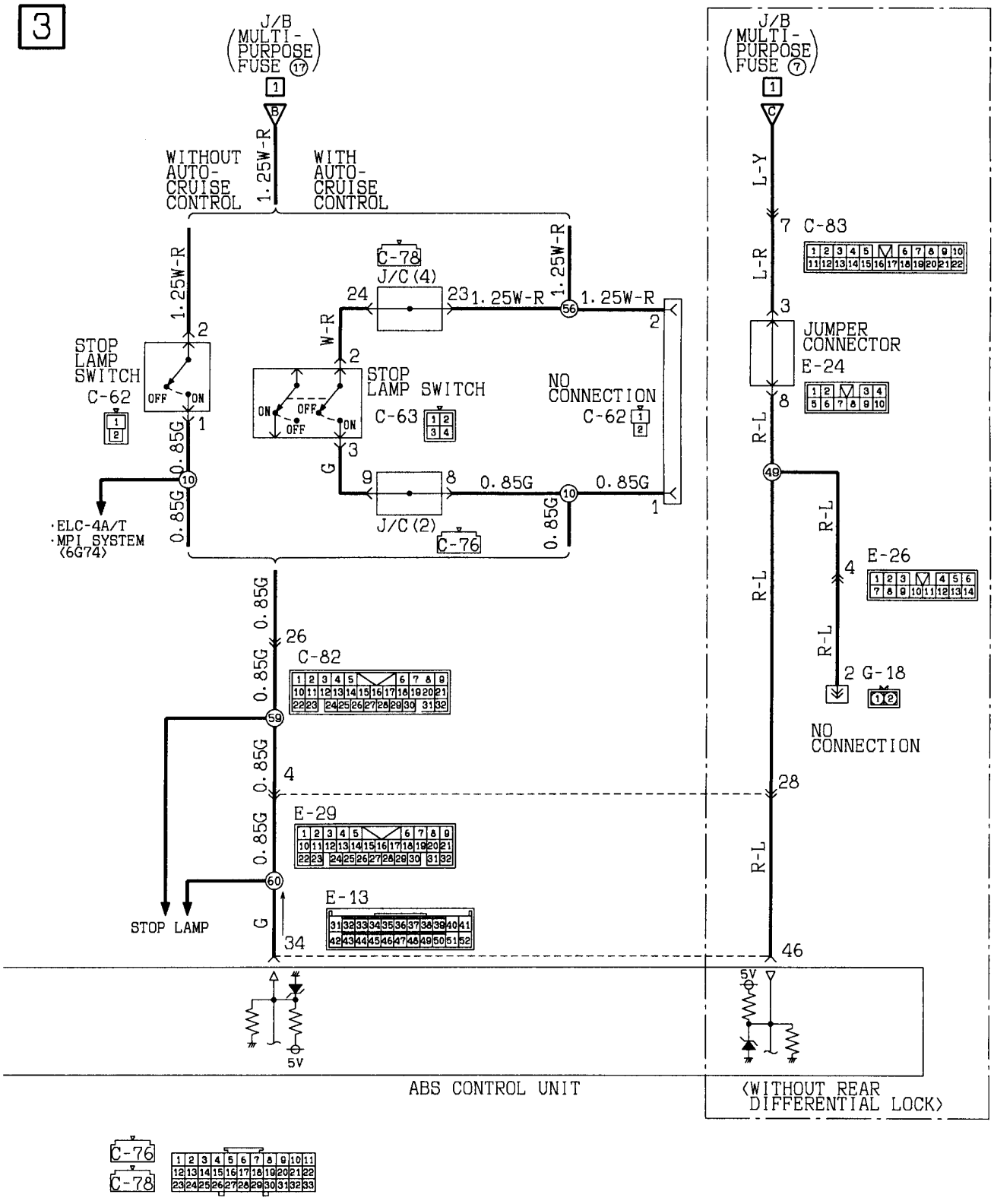
ANTI-LOCK BRAKE SYSTEM

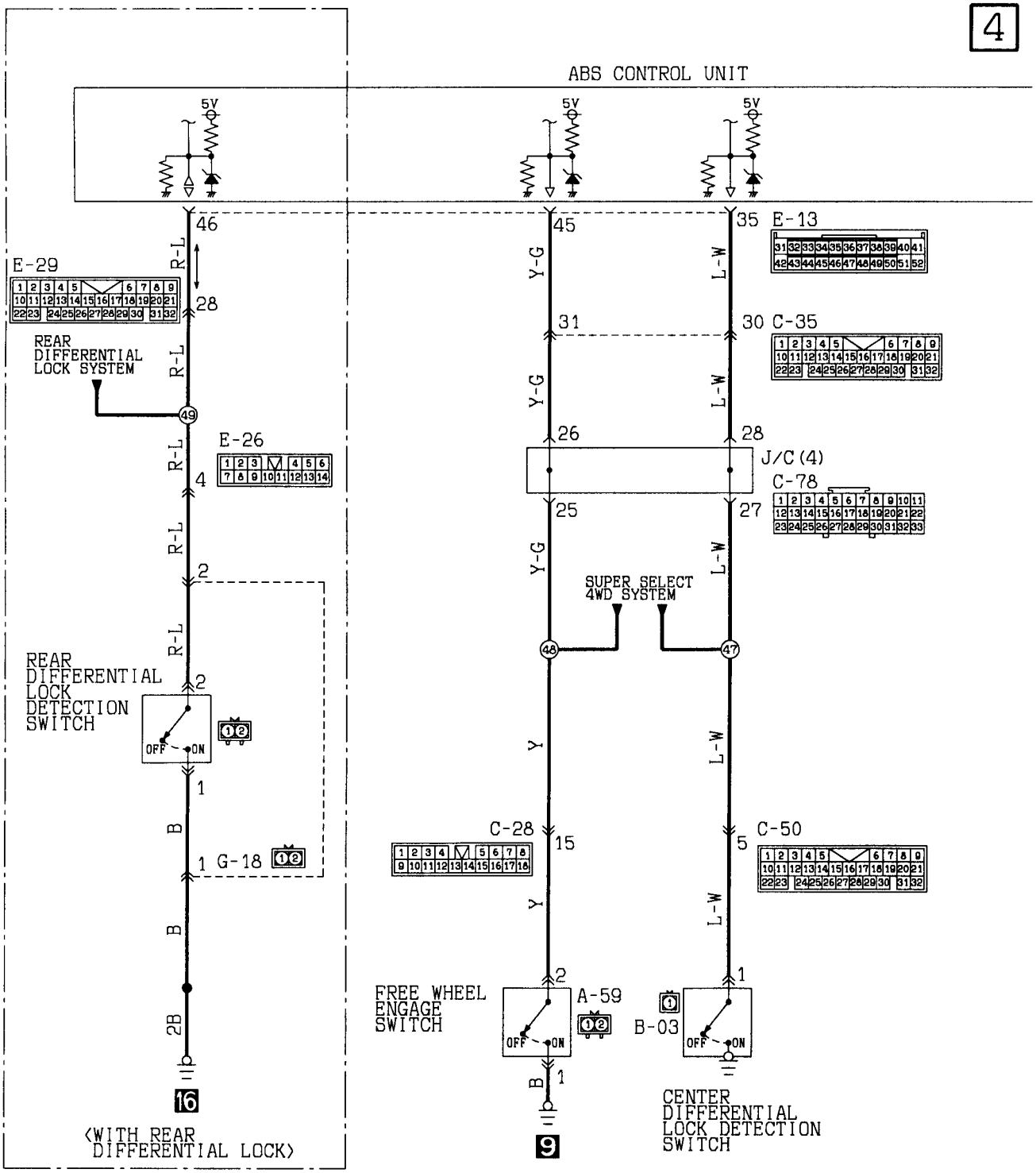
<R.H. drive vehicles>




FUSIBLE LINK ①
2
G-R
1.25W-Y
3W-Y
5
6
7
A-120
11
ABS RELAY BOX
1.25
G-Y
1
ON
OFF
VALVE
RELAY
MOTOR
RELAY
OFF
ON
1.25G-Y
2
8
A-119
A-120
12
A-119
4
3
1.25B
3B-W
G-B
9
12 A-64
HYDRAULIC UNIT
11
SOLENOID VALVE
(FRONT
:RH
(FRONT
:LH
(REAR)
MOTOR
IN
OUT
IN
OUT
IN
OUT
1.25G-Y
1
4
2
5
3
6
A-63
1.25Y-R
1.25Y-B
1.25Y-L
1.25Y-R
1.25Y-W
1.25Y-G
G-W
1.25B-W
L
5
1
17
9
7
15
6
C-36
12
4
14
16
G-Y
Y-R
1.25Y-B
Y-L
1.25Y-R
Y-W
1.25Y-G
G-B
G-W
B-W
1.25L
48
52
41
14
1
3
2
E-12
ABS
CONTROL
UNIT
E-13
38
37
49
26
E-12
A-119
A-120
E-12
E-13
9Q15E01AB

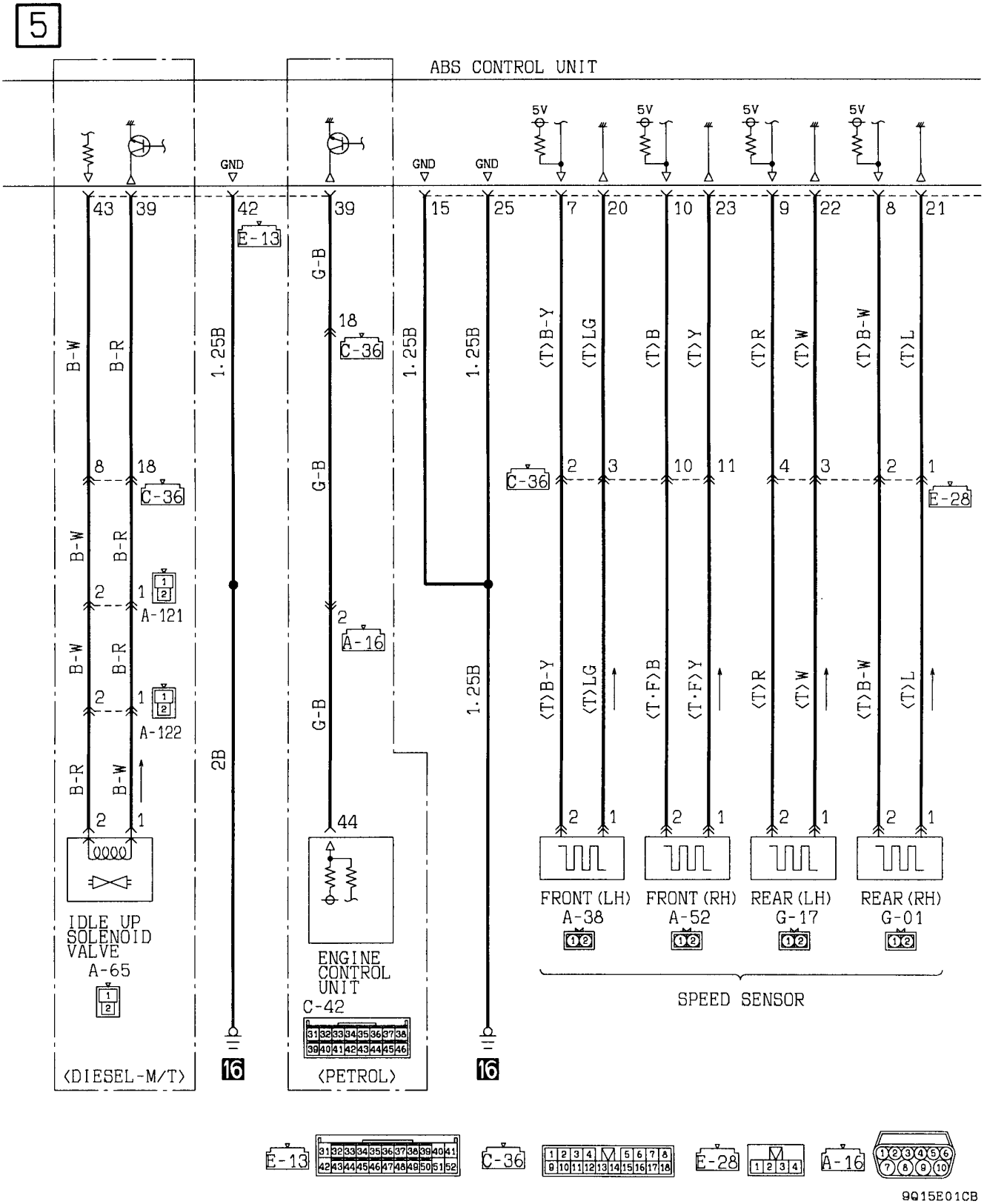
ANTI-LOCK BRAKE SYSTEM
<R.H. drive vehicles> (CONTINUED)




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

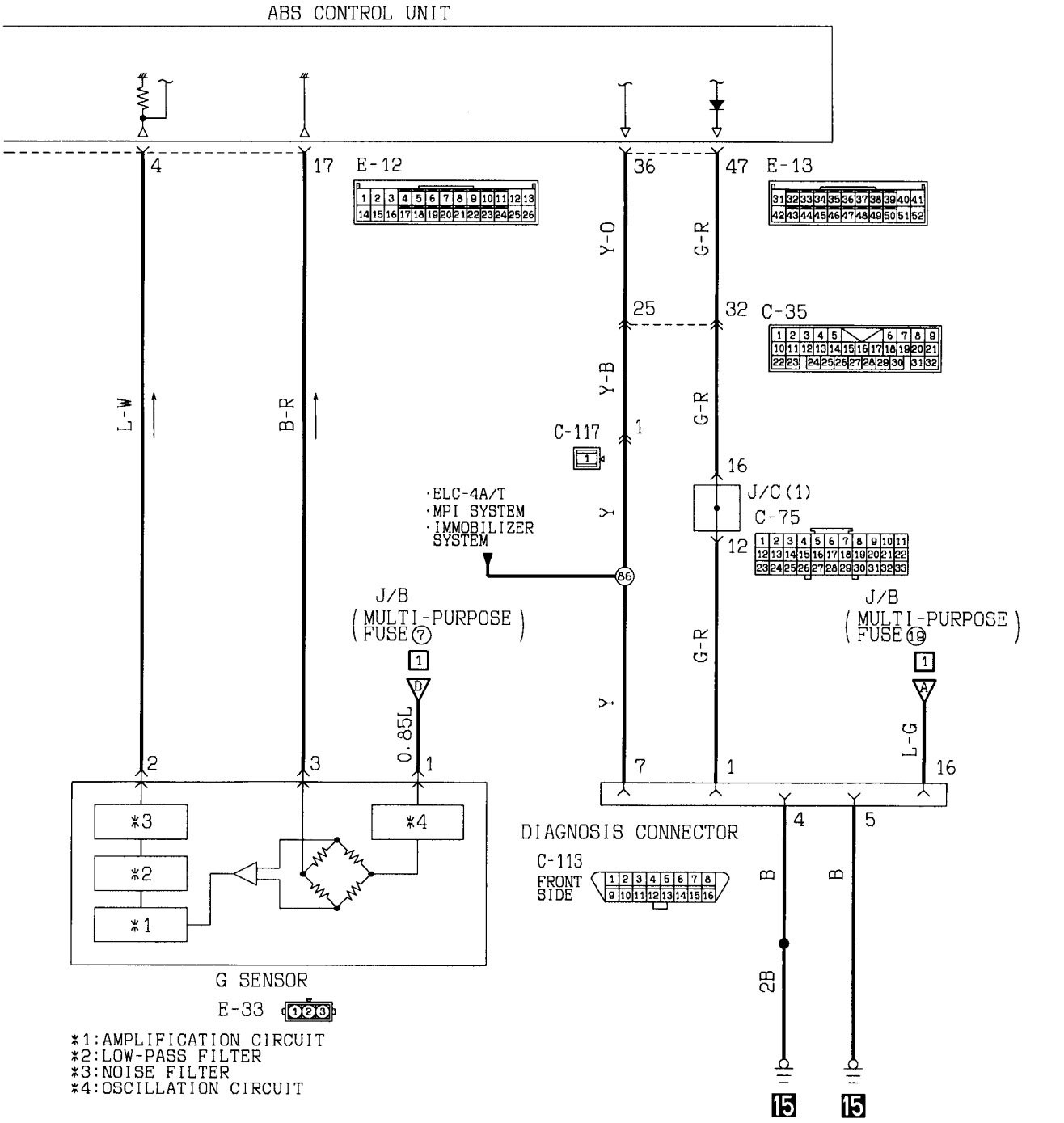
9Q15E01BB

ANTI-LOCK BRAKE SYSTEM
<R.H. drive vehicles> (CONTINUED)



9Q15E01CB

6


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
16
·ELC-4A/T
·MPI SYSTEM
·IMMOBILIZER SYSTEM
Y
J/C(1)
C-75
12
86
J/B
(MULTI-PURPOSE FUSE⑦)
J/B
(MULTI-PURPOSE FUSE⑲)
G-R
Y
0.85L
L-G
2
3
1
7
1
16
*3
*4
*2
*1
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

9Q15E01CB