



NOTE: In the examples on this page, an 'X' is used where a number would appear on an actual Figure.

Reference Symbols

	Battery power supply
	Ignition switched auxiliary power supply (key I, II)
	Ignition switched power supply (key II, III)
	Switched System Power Supply power supply
	Engine Management System power supply
	Figure number reference
	Controller Area Network
	Standard Corporate Protocol network
	D2B network

Control Module Pin Symbols

	Input		CAN network
	Output		SCP network
	Battery voltage		D2B network
	Power ground		Serial and encoded data
	Sensor/signal supply V *		
	Sensor/signal ground **		

* May also indicate Reference Voltage.

** May also indicate Reference Ground or Logic Ground.
Refer to Control Module Pin-Out Information.

Wiring Symbols

Splice		Motor	
Simplified splice		Potentiometer	
Bulb		Pressure transducer	
Capacitor		Resistor	
Connector		Solenoid	
Diode		Suppression diode	
Eyelet and stud		Suppression resistor	
Fuse		Thermistor	
Ground		Transistor	
Hall effect sensor		Wire continued	
Light emitting diode (LED)		Zener diode	



Harness Codes

AC	Air Conditioning Harness
BC	Battery Ground Harness
BF	Front Bumper Harness
BL	Cabin to Trunk Lid Harness
BO	Battery Harness
BR	Rear Bumper Harness
BS	Battery Backed Sounder Harness
BT	Trunk Lid Harness
CC	Center Console Harness
CL	Center Console Link Harness
CP	Cooling Pump Harness
CR	Cabin Harness
CV	EVAP Canister Close Valve Link Harness
DB	D2B Network Harness
DD	Driver Door Harness
DL	Driver Seat Lumbar Harness
DT	Driver Door Trim Harness
EC	Engine Compartment Harness
EL	Starter Motor Solenoid Link Harness
FP	Fuel Tank Link Harness
GB	Transmission Harness
GC	Radiator Cooling Fan Harness
IJ	Fuel Injector Harness
IL	Fuel Injector Harness
IP	Instrument Panel (Fascia) Harness
IS	Fuel Injector Link Harness
LL	LH Rear Seat Lumbar Harness
LS	LH Rear Seat Harness
LT	LH Rear Door Trim Harness
PD	Passenger Door Harness
PH	Telephone Harness
PI	Engine Management Harness
PL	Passenger Seat Lumbar Harness
PS	Passive Security Sounder Harness
PT	Passenger Door Trim Harness
RA	Rear Air Conditioning Harness
RC	Rear In-Car Entertainment Controls Harness
RF	Roof Harness
RL	LH Rear Door Harness
RR	RH Rear Door Harness
RS	RH Rear Seat Harness
RT	RH Rear Door Trim Harness
SD	Driver Seat Harness
SL	LH Rear Seat Motor Harness
SP	Passenger Seat Harness
SR	RH Rear Seat Motor Harness
SW	Steering Wheel Harness
TL	Telematics Harness
TT	Trailer Tow Harness
VL	LH Rear Television Harness
VP	Voice Activation Pre-Wire Harness
VR	RH Rear Television Harness
VX	RH Rear Television Link Harness
VY	LH Rear Television Link Harness
YL	RH Rear Seat Lumbar Harness

Wiring Color Codes

N	Brown	O	Orange
B	Black	S	Slate
W	White	L	Light
K	Pink	U	Blue
G	Green	P	Purple
R	Red	BRD	Braid
Y	Yellow	BOF	Black fiber optic (D2B Network)

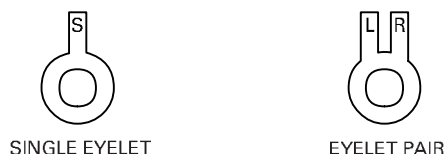
Code Numbering

When numbering connectors, grounds and splices, Jaguar Engineering uses a three-position format: CR001, CR002, etc. Because space is limited in this Electrical Guide the codes have, in most cases, been shortened. Thus CR001-001 becomes CR1-1, CR002-001 becomes CR2-1, etc.



Grounds

There may be up to three eyelets on one ground stud. A, B and C are used to indicate the position of the eyelet on the stud: A – first (bottom), B – second (middle), C – third (top). Two eyelet variations are used: a single eyelet and an eyelet pair. The single eyelet has a single leg, which is identified by an S; the eyelet pair has two legs, identified as L (left) or R (right).



EXAMPLE:



On figures where LHD and RHD circuits are combined and the ground designation differs from LHD to RHD, the RHD ground is shown in parentheses. If the ground designation is the same for LHD and RHD, only one ground designation is used.

EXAMPLE:

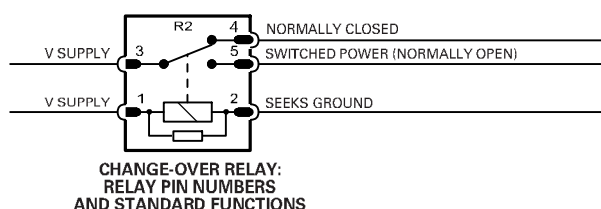


Relays

Serviceable Relays

Serviceable relays are located in all three fuse boxes. They do not have a separate relay connector (base). All relays use the ISO pin numbering system – 1, 2, 3, 4, 5. Each relay is identified by an “R” number unique only to the fuse box in which it is located.

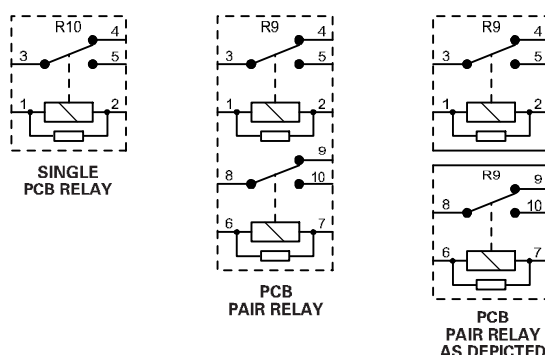
EXAMPLE:



Non-Serviceable Relays

Non-serviceable relays are located in all three fuse boxes. They are a component part of the fuse box printed circuit board (PCB) and are arranged in singles or pairs. The relays use the ISO pin numbering system – 1, 2, 3, 4, 5 (single relay or top pair relay) and 6, 7, 8, 9, 10 (bottom pair relay). Each relay is identified by an “R” number unique only to the fuse box in which it is located. Pair relays are normally depicted separately.

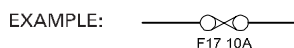
EXAMPLE:





Fuses

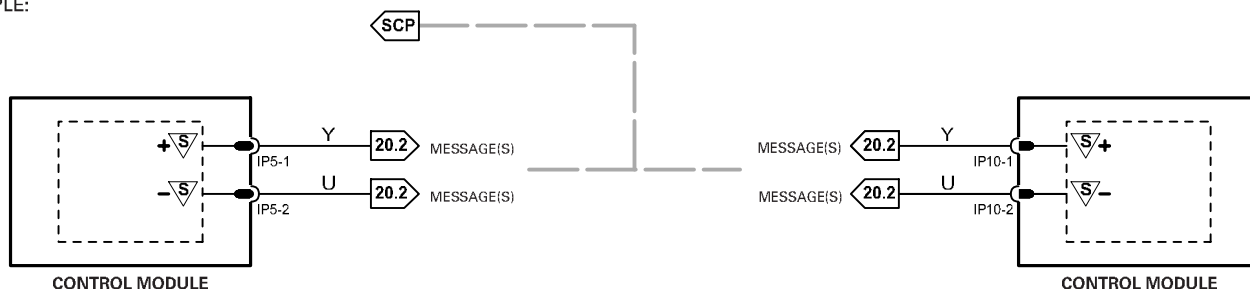
All fuses are located in the fuse boxes. Each fuse is identified by an “F” number unique only to the fuse box in which it is located.



Networks

In most instances, networks are shown as a broken grey line to indicate that there is network communication between the depicted control modules. Refer to Figures 20.1, 20.2, 20.3 and 20.4 for circuit details.

EXAMPLE:



Component Depictions

EXAMPLE:



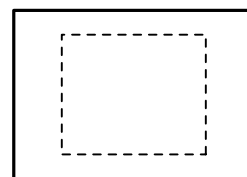
COMPLETE COMPONENTS
AND CONTROL MODULES



INCOMPLETE COMPONENTS
(EXCEPT CONTROL MODULES)



ASSEMBLIES AND
POWER DISTRIBUTION FUSE BOXES



COMPONENTS WITH
INTERNAL ELECTRONIC CIRCUIT