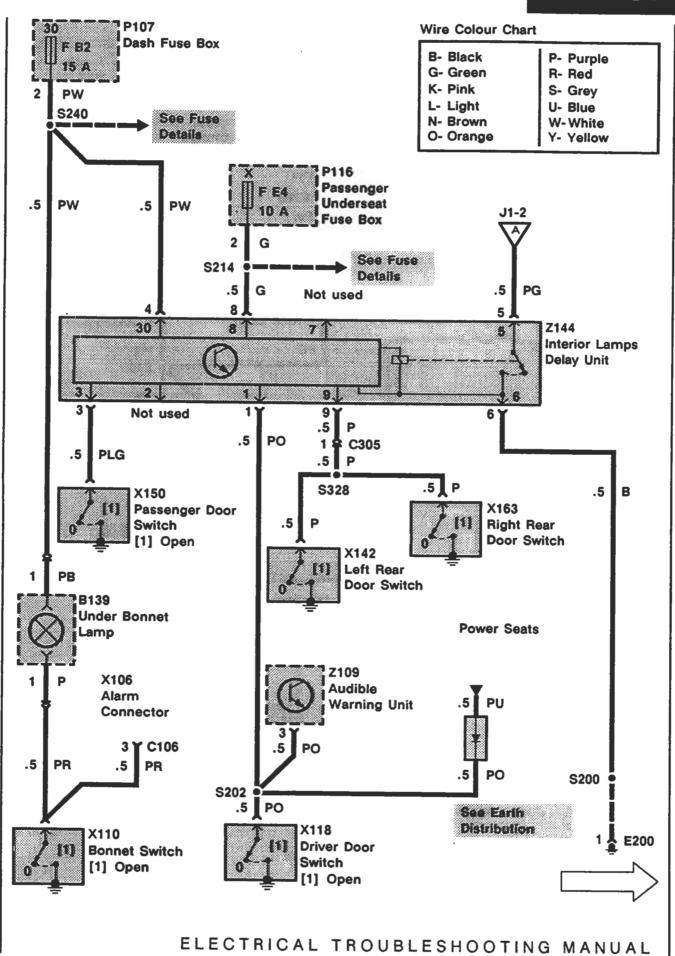
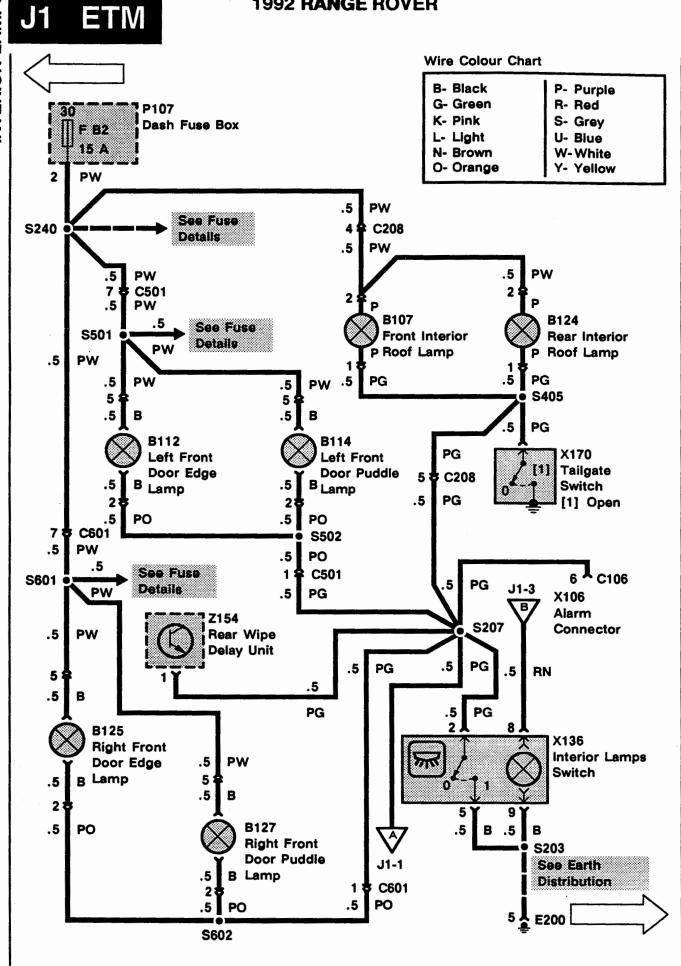
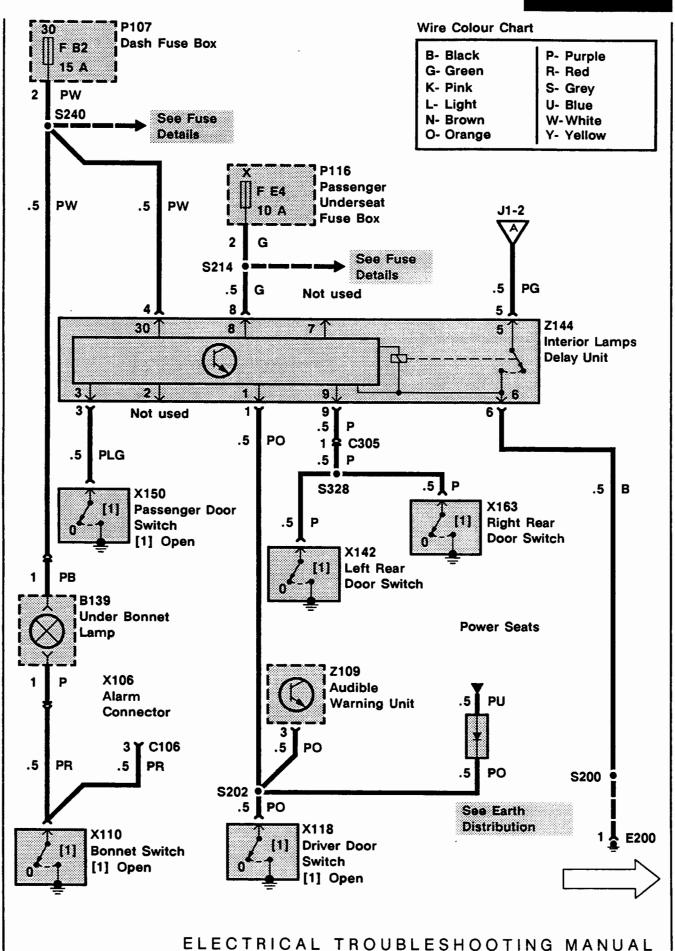
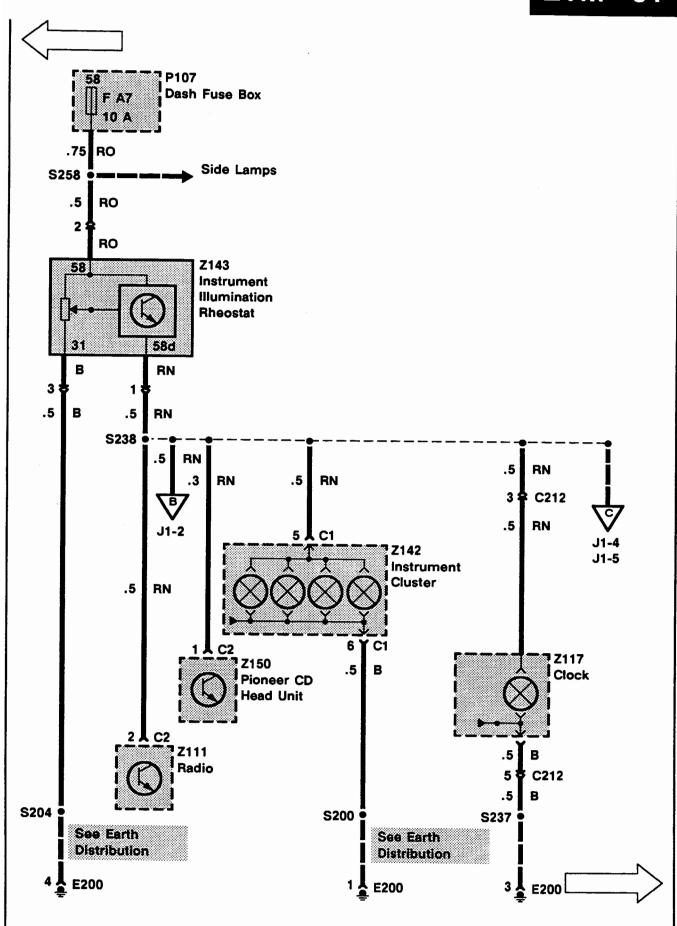
ETM J1



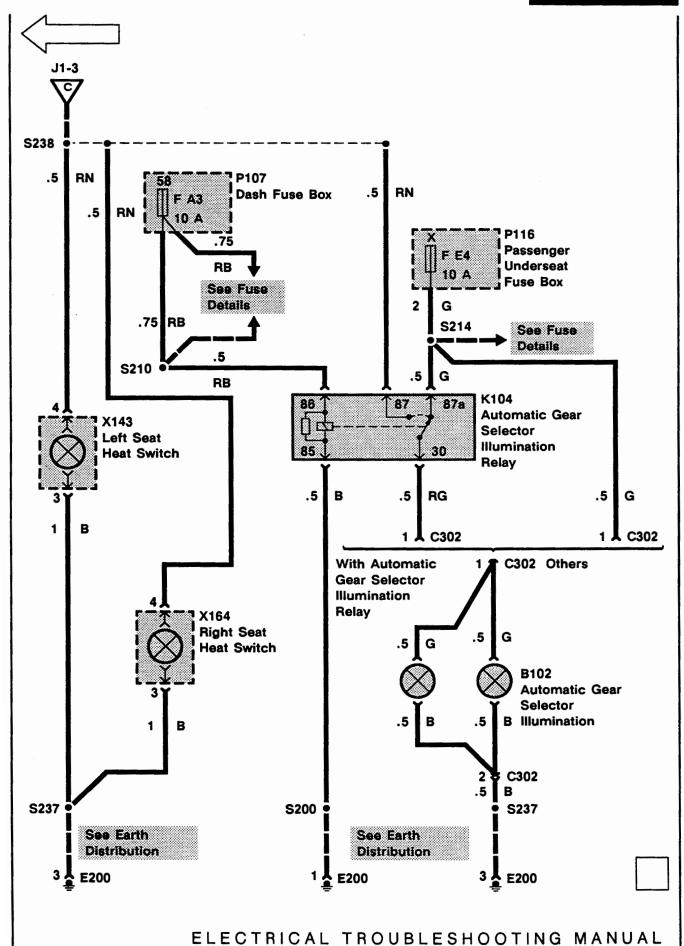


ETM J1





ELECTRICAL TROUBLESHOOTING MANUAL



KEY INFORMATION

CIRCUIT DIAGRAMS

- Circuit diagrams are arranged so that current flow is from the top of the diagram (current source) to the bottom of the diagram (earth).
- Only those components that work together in the circuit are shown. If only part of a component is used in the circuit, then only that part of the component is shown.
- Remember:



Entire component



Part of a component

TE	RI	VI	N	A	L
М	in.	R	E 1	0	

DESIGNATION

50

Battery voltage: ignition

Switch in position III

30

Battery voltage: supplied

constantly

15

Battery voltage: Ignition

Switch in position II or III

R

Battery voltage: Ignition

Switch in positions I, Ii

31

Earth

See Introduction (i) for additional circuit diagram symbols.

DIAGNOSIS

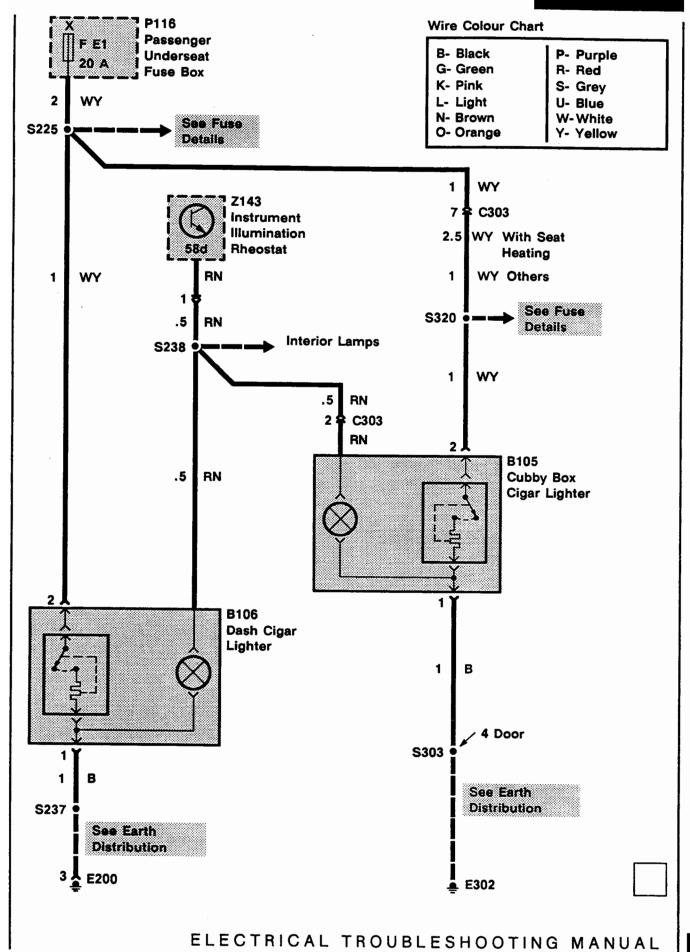
- If the diagram is accompanied by text:
- Read the Circuit Operation before proceeding with the electrical diagnosis.
- Read the Troubleshooting Hints before performing the System Diagnosis.
- Tests follow the System Diagnosis.
- When performing the System Diagnosis, be certain that all components disconnected in previous steps are reconnected unless otherwise directed.

unless	otherwise directed.
	Component is disconnected. Backprobe harness connector
	Component is connected. Backprobe harness connector
J ,	Component is disconnected. Probe component
1	



Probe in-line connector

Component is disconnected. Probe harness connector



KEY INFORMATION

CIRCUIT DIAGRAMS

- Circuit diagrams are arranged so that current flow is from the top of the diagram (current source) to the bottom of the diagram (earth).
- Only those components that work together in the circuit are shown. If only part of a component is used in the circuit, then only that part of the component is shown.
- Remember:



Entire component



Part of a component

Į	Έ	R	N	11	N	A	L
_							

NUMBER

DESIGNATION

50

Battery voltage: Ignition Switch in position III

30

Battery voltage: supplied

constantly

15

Battery voltage: Ignition Switch in position II or III

R

Battery voltage: ignition Switch in positions I, II

31

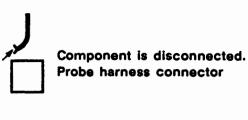
Earth

See Introduction (i) for additional circuit diagram symbols.

DIAGNOSIS

- If the diagram is accompanied by text:
- Read the Circuit Operation before proceeding with the electrical diagnosis.
- Read the Troubleshooting Hints before performing the System Diagnosis.
- Tests follow the System Diagnosis.
- When performing the System Diagnosis, be certain that all components disconnected in previous steps are reconnected unless otherwise directed.

unless otherwise directed.			
Component is disconnected. Backprobe harness connector			
Component is connected. Backprobe harness connector			
Component is disconnected. Probe component			





Probe in-line connector