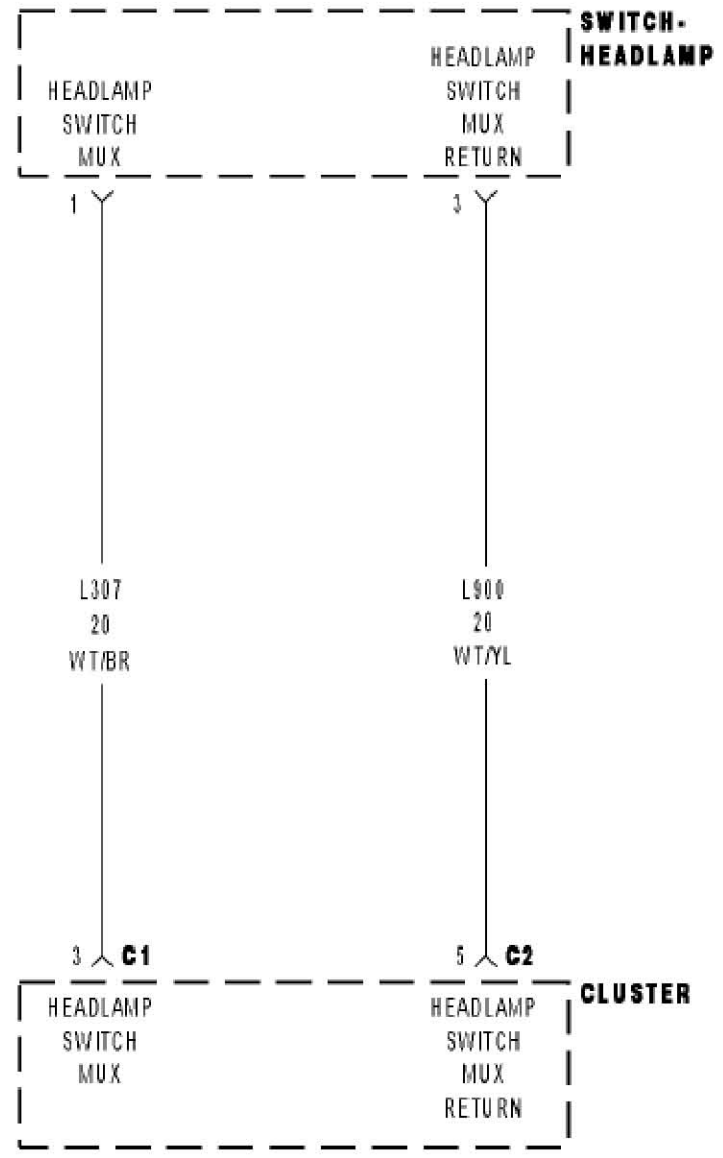
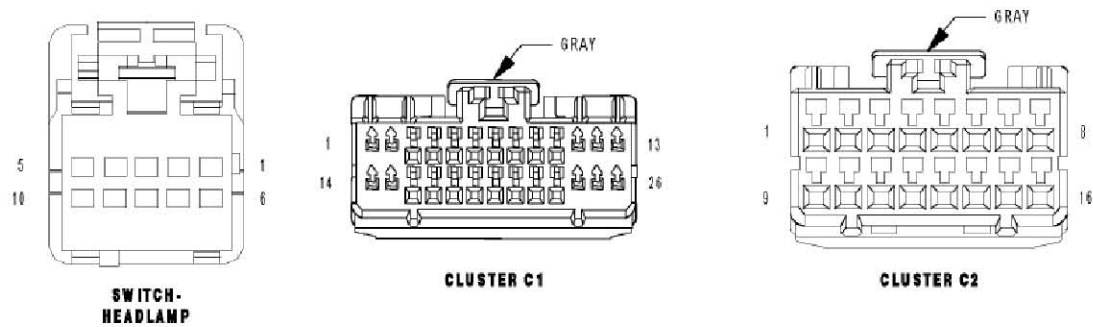


B1607 HEADLAMP SWITCH INPUT CIRCUIT LOW





Possible Causes

1. HEADLAMP SWITCH
2. (L900) MUX RETURN CIRCUIT
3. INSTRUMENT CLUSTER

Diagnostic Test

1). INTERMITTENT CONDITION

Turn the ignition on.

With the Scan Tool, clear all CCN DTC's.

Turn the Headlamps on.

With the Scan Tool, read the DTC information.

Does the Scan Tool read: B1607-HEADLAMP SWITCH INPUT CIRCUIT LOW?

Yes >> Go To 2

No >> The condition that caused the symptom is currently not present. Inspect the related wiring for a possible intermittent condition. Look for any chafed, pierced, pinched, or partially broken wires.
Perform the BODY VERIFICATION TEST — VER 1.

2). HEADLAMP SWITCH

Disconnect the Headlamp Switch connector.

Turn the ignition on.

Measure the voltage of the (L900) MUX Return circuit.

Does the voltage read 5.0 volts?

Yes >> Go To 3

Perform the BODY VERIFICATION TEST — VER 1.

No >> Replace the Headlamp Switch in accordance with the service information.

Perform the BODY VERIFICATION TEST — VER 1.

3). (L900) MUX RETURN CIRCUIT

Turn the ignition off.

Disconnect the Headlamp Switch connector.

Disconnect the Instrument Cluster C2 connector.
Measure the resistance of the (L900) MUX Return circuit to ground.

Is the resistance below 5.0 ohms?

Yes >> Repair the (L900) Headlamp MUX return circuit.

No >> Replace the Instrument Cluster in accordance with the service information.

Perform the BODY VERIFICATION TEST — VER 1.

