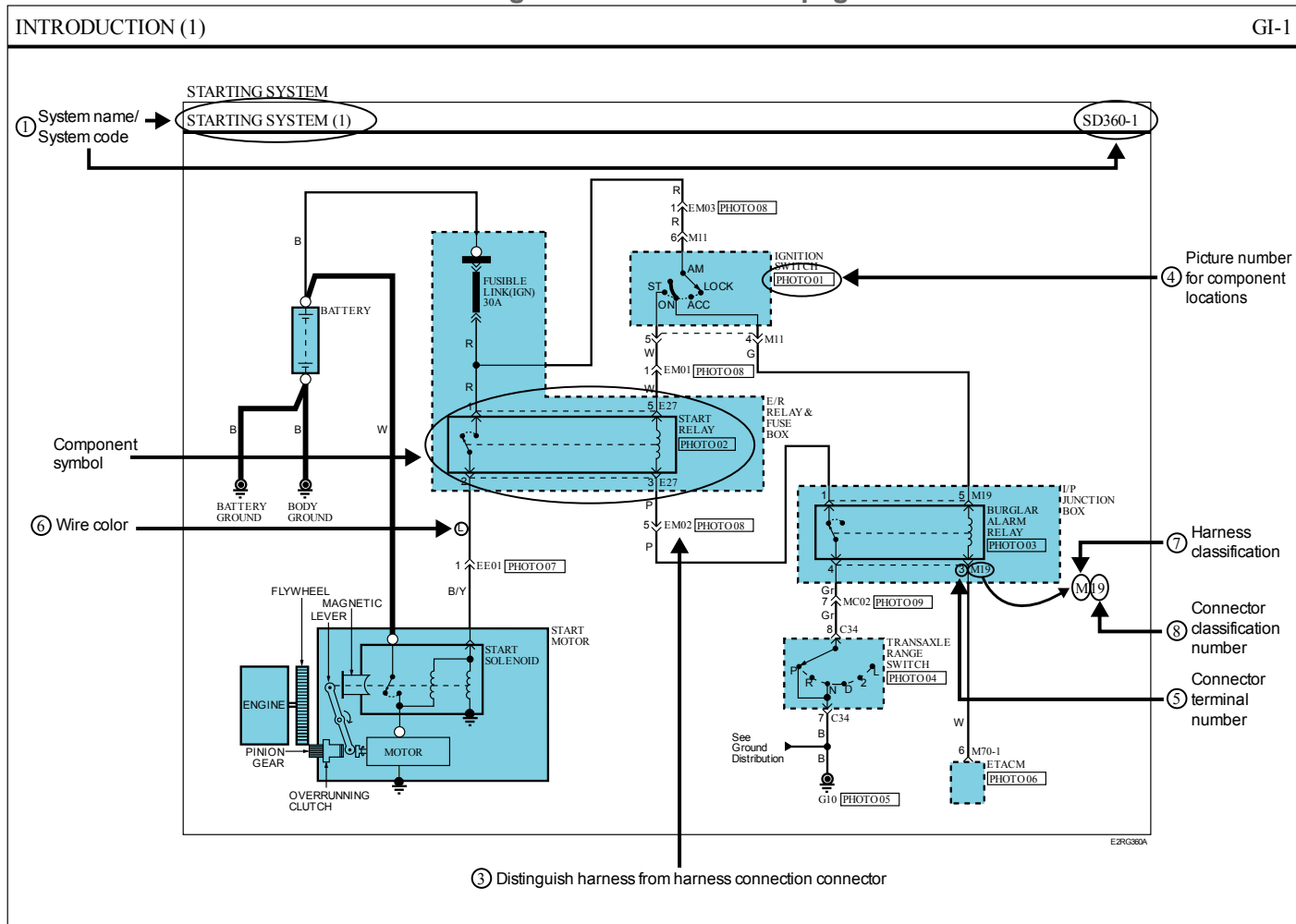
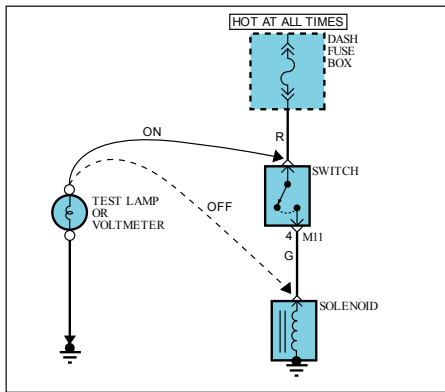


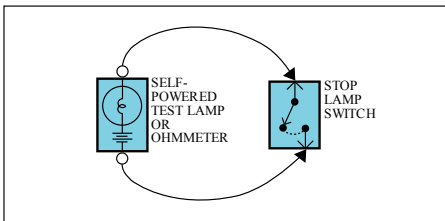
Please rate this document after reviewing at the bottom of this page.





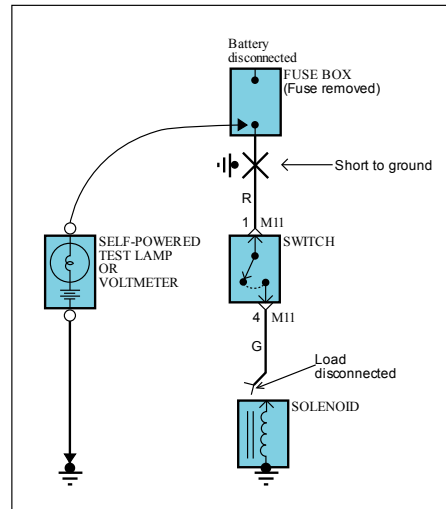
2. TESTING FOR CONTINUITY

- Disconnect the battery negative terminal.
- Connect one lead of a self-powered test lamp or ohmmeter to one end of the part of the circuit you wish to test. If you are using an ohmmeter, hold the leads together and adjust the ohmmeter to read zero ohms.
- Connect the other lead to the other end.
- If the self-power test lamp glows, there is continuity. If you are using an ohmmeter, low or zero resistance means good continuity.



3. TESTING FOR SHORT TO GROUND

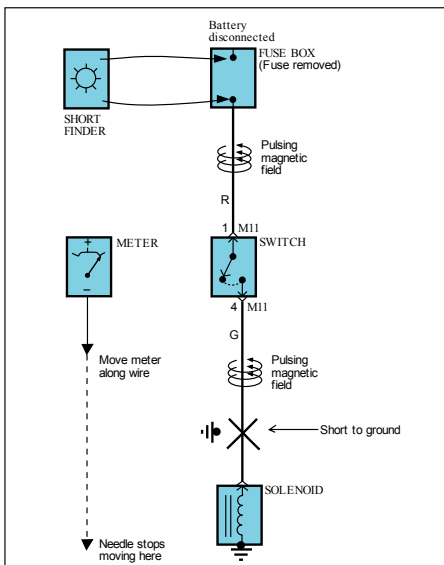
- Disconnect the battery negative terminal.
- Connect one lead of a self-powered test lamp or an ohmmeter to the fuse terminal on the load side.
- Connect the other lead to a ground.
- Beginning near the fuse block move the harness from side to side. Continue this procedure (about six inches apart) while watching the self-powered test lamp or ohmmeter.
- When the self-powered test lamp glows, or ohmmeter registers, there is a short to a ground in the wiring near that point.



TROUBLESHOOTING INSTRUCTIONS (4)

4. TESTING FOR A SHORT WITH A SHORT FINDER

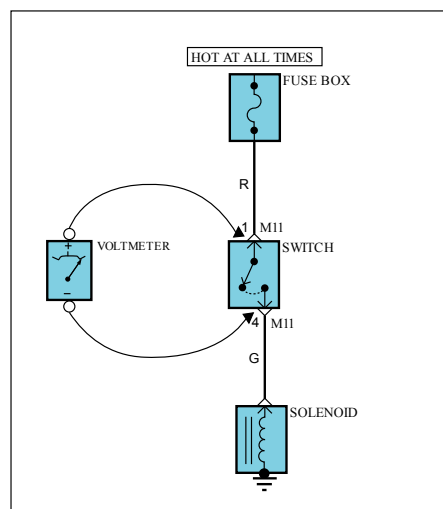
- Remove the blown fuse. Leave the battery connected.
- Connect the short finder across the fuse terminals.
- Close all switches in series in the circuit that is being testing.
- Turn on the short circuit locator. It sends pulses of current to the short. This creates a pulsing magnetic field around the wiring between the fuse box and the short.
- Beginning at the fuse box, slowly move the short finder along the circuit wiring. The meter will show current pulses through sheet metal and body trim. As long as the meter is between the fuse and the short, the needle will move with each current pulse. Once the meter is moved past the point of the short, the needle will stop moving. Check around this area to locate the cause of the short circuit.

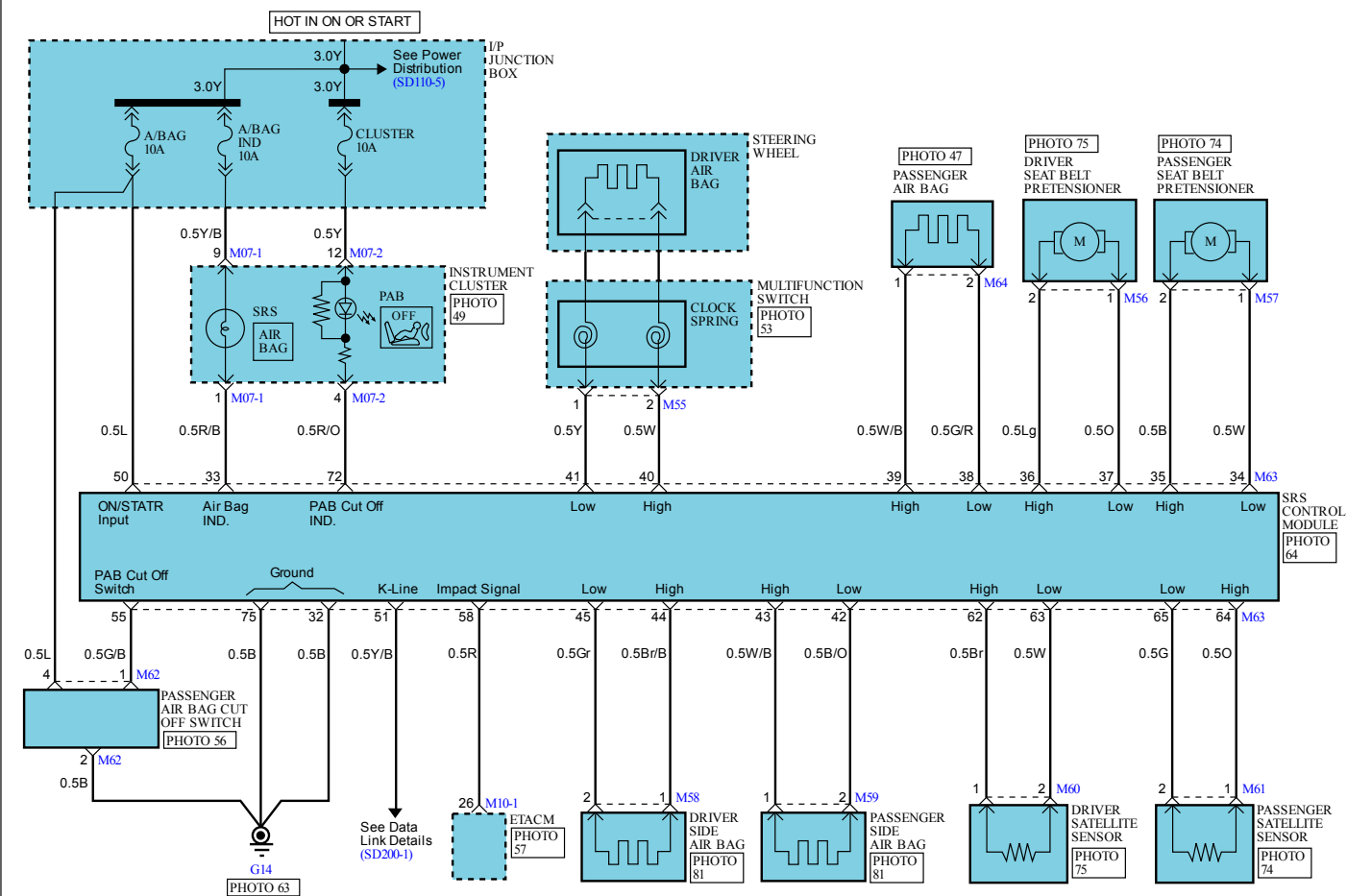


5. TESTING FOR VOLTAGE DROP

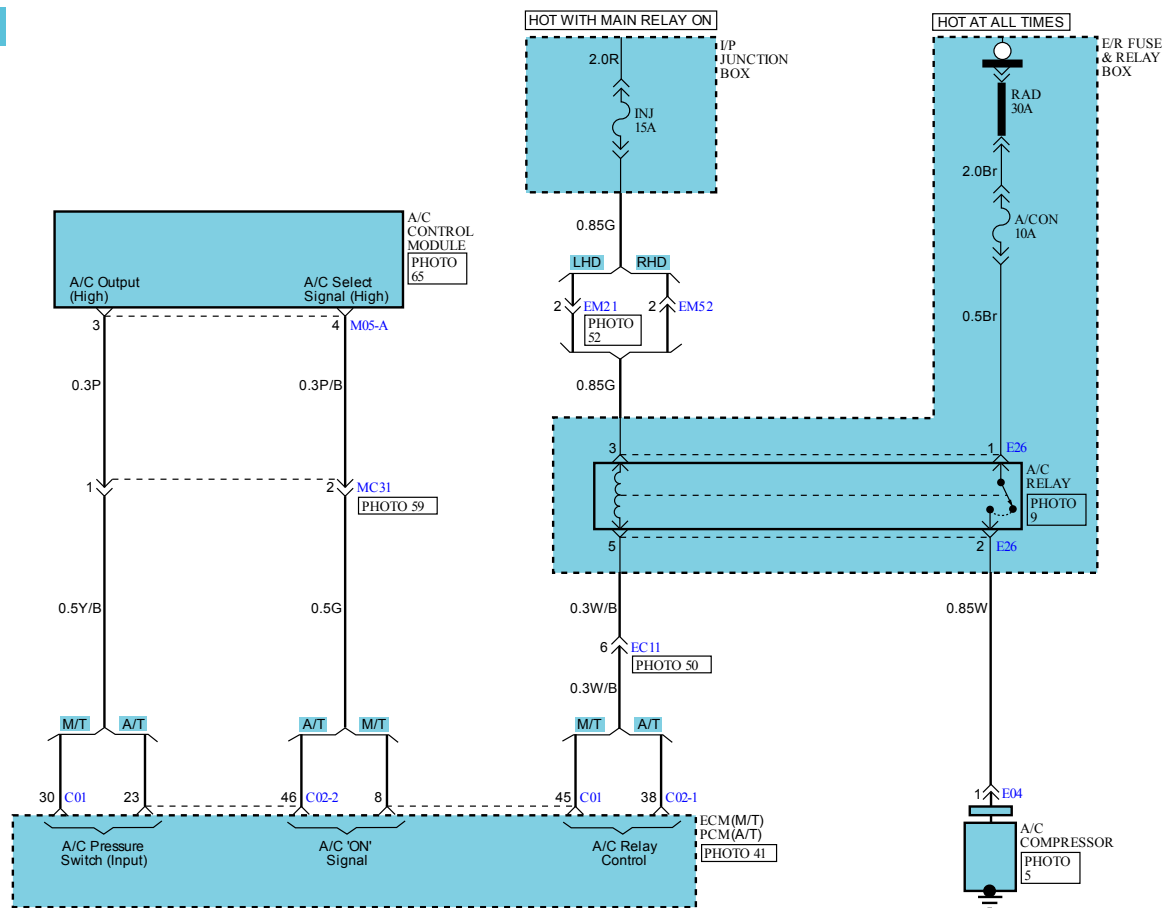
This test checks for voltage drop along a wire, or through a connection or switch.

- Connect the positive lead of a voltmeter to the end of the wire (or to the side of the connector or switch) closest to the battery.
- Connect the negative lead to the other end of the wire. (or the other side of the connector or switch)
- Operate the circuit.
- The voltmeter will show the difference in voltage between the two points. A difference, or drop of more than 0.5 volts (50mV in 5V circuits), may indicate a problem. Check the circuit for loose or dirty connections.

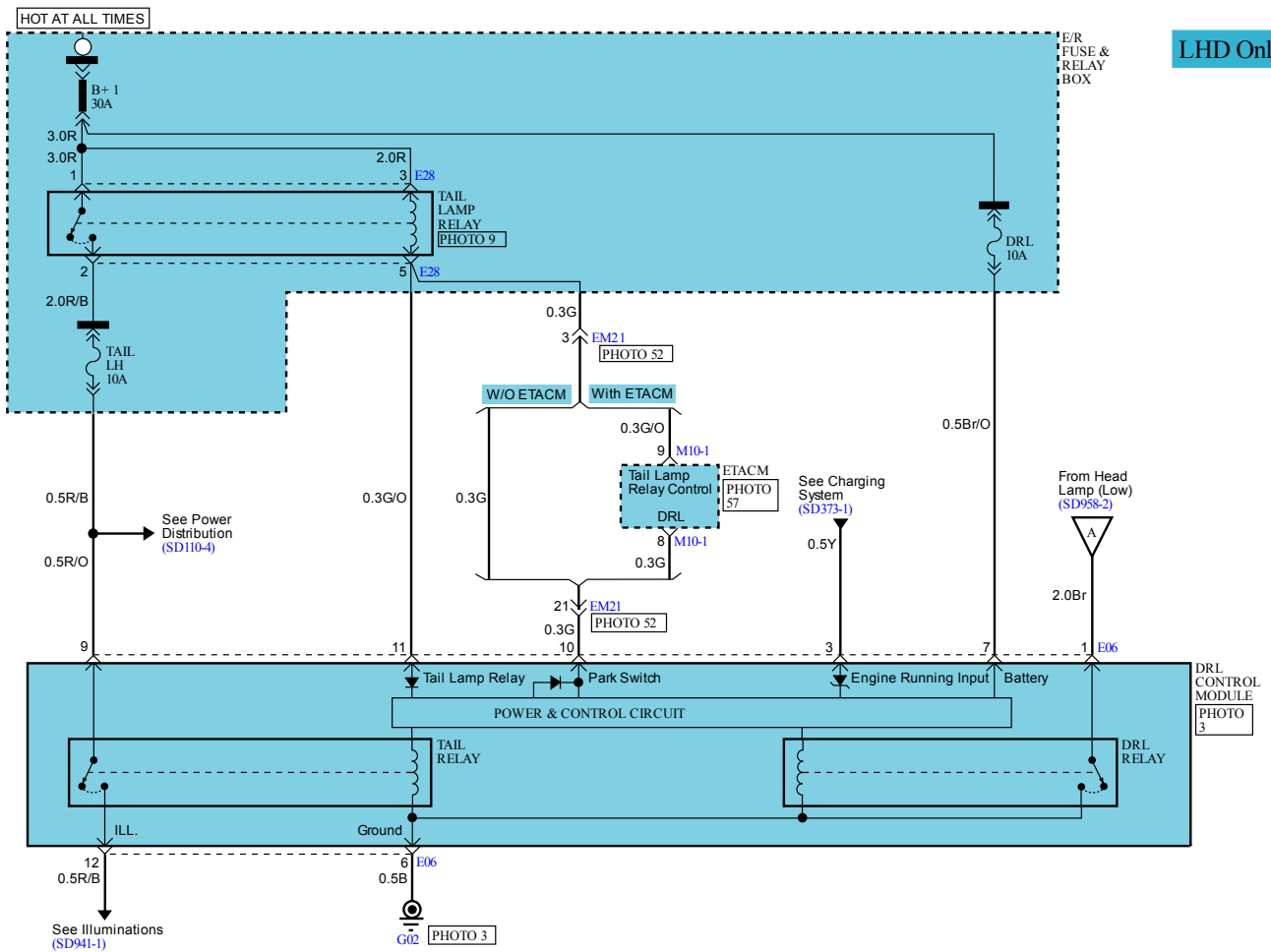


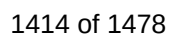


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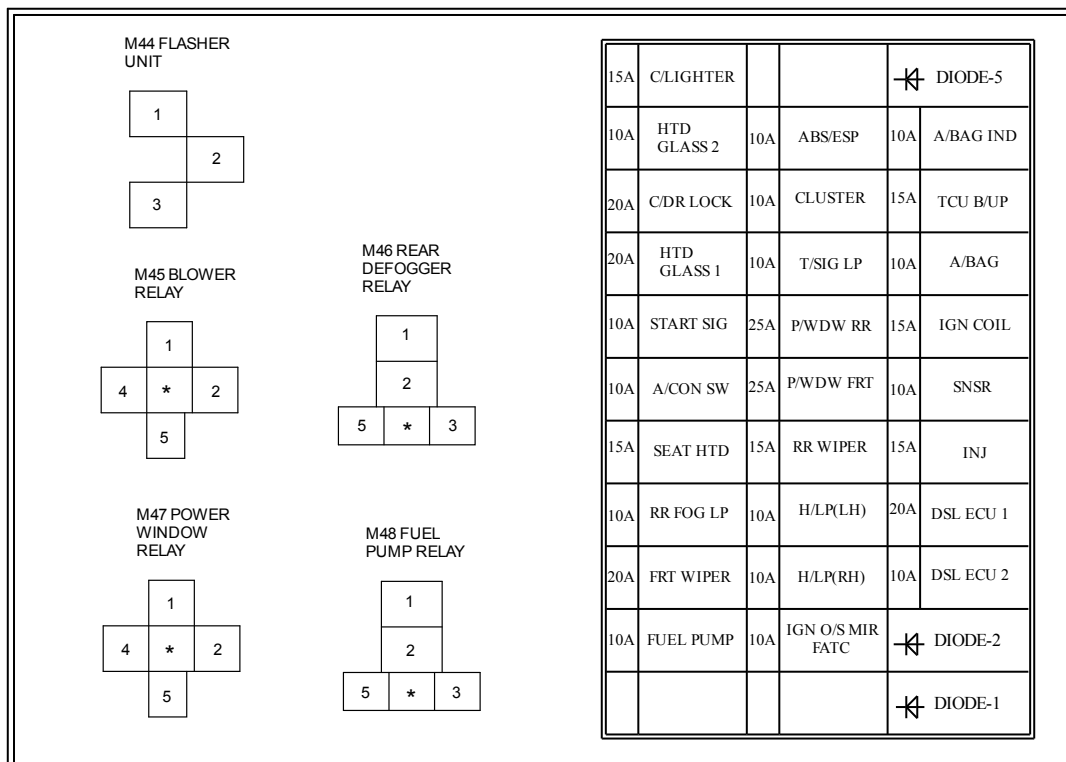


LHD Only





I/P JUNCTION BOX



※ USE THE DESIGNATED FUSE AND RELAY ONLY

GROUND DISTRIBUTION (2)

SD130-2

