Service Bulletin

WARRANTY ADMINISTRATION

Subject: Revised Wiring Repair Labor Operations and Required Additional Information

Models: 2014 and Prior GM Passenger Cars and Light Duty Trucks

> **This bulletin is being revised to add the 2014 model year and labor codes. Please discard Corporate Bulletin Number 10-00-89-005B (Section 00 – General Information).**

Beginning with 2010 model year vehicles, wiring repair labor operation numbers have been simplified to reduce the variation of choices. Additional data identifying the location of the repair is also now required in Global Warranty when submitting transactions using these labor operations. Additional required information may include:

- SI Harness Routing View Document ID Number (wiring repairs)
- Grid Location from Routing View Document (wiring repairs)
- SI Connector End View Document ID Number (terminal/connector repairs)

In SI for model year 2010 and newer vehicles, the Connector End View document IDs are unique for each illustration. For Harness Routing Views, a grid has been added to provide the location area of repair. Follow the chart below to identify which information is required for which labor operation.

Technicians - When you are perform a wiring system repair, follow SI diagnostics and refer to the table below for the information that will be required from SI.

- Wiring repairs will require the SI Document ID of the Harness Routing View, along with the grid coordinates (location) of the cause/repair.
- When connecting or repairing a connector, the required information will be the Connector End View Document DI. This applies to all connectors that plug into components (modules) or in-line connectors.

Note: The additional data identifies the location of repair and will aid in failure analysis and future product quality enhancements.

Select the correct labor operation and write it and the additional required information for that operation on the repair order. In the Cause and Correction fields, be sure to indicate your observations on what the cause of the condition was (connector not connected, terminal pushed out, loose ground fastener, etc.) and what you did to correct the issue.

Warranty Claim Administrators - When one of the electrical labor operations listed in the chart below are used when submitting the warranty transaction, an additional required field will appear requesting a "Document ID." Enter the required information shown in the chart below, which should be documented on the repair order by the technician. The chart below identifies if you should be entering just a document ID, or a document ID AND a grid location.

Do not enter in this field bulletin numbers, PI numbers, schematic Doc IDs, connector numbers (ie: x201), comments such as descriptive cause or corrections, or the word "None."

Data Entry Examples	
Wrong Format	**Correct Format**
Doc ID 1234567	1234567
Grid Location F12	1234567 F12

Note: This additional data identifies the location of the repair and must correspond with the vehicle type and repair type entered.
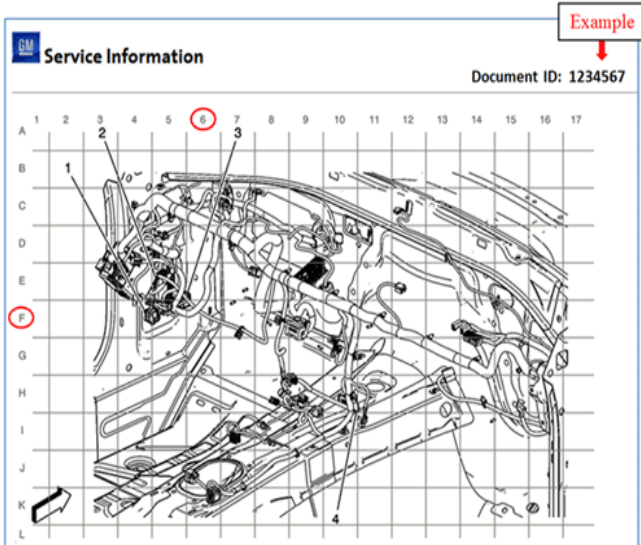
Examples of Information Required from SI

Routing View Example

This technician used the SI document shown below to locate a chafed wire causing an interior lamp issue. The technician repaired a circuit just left of the steering column.

When submitting the warranty transaction, the required information when using this labor operation is the Document ID, immediately followed by the grid location which identifies the area of repair in the supplemental labor operation field. In this example, you would enter 1234567 F6.

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Connector view Example

The SI document shown below identifies a connector that was not fully seated causing a check engine light. The technician inspected the connector and found it only needed to be fully engaged to correct the condition. No parts were needed for this repair.
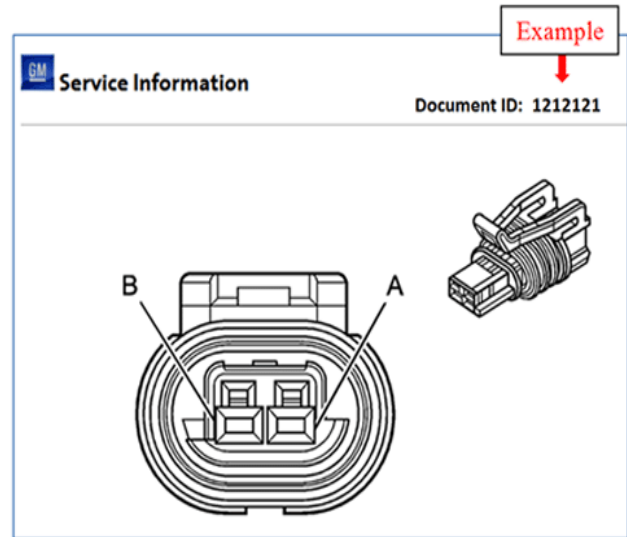
When submitting the warranty transaction, the required information when using this labor operation is simply the Document ID identifying the connector. In this example, you would enter 1212121.

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The Table Below Provides New Labor Codes and Additional Information Required When Used

Labor Operation	Labor Operation Description	Supplemental Information Required	Notes for Use of This Labor Operation
5430840	Terminal Replacement	Document ID of the Connector End View connected or repaired	Use for terminal replacement or terminated leads. This may be due to a spread terminal condition, corrosion or will not stay retained in the connector body.
5430860	Connector Kit Replacement	Document ID of the Connector End View of connector repaired	Use when replacing plastic connector body with nine or greater circuit cavities. Kits include connector body, CPA and TPA but do not come with terminals or terminated leads.
5430880	Connector with Leads Assembly Replacement	Document ID of the Connector End View of connector repaired	Plastic connector with eight or less circuits – includes terminated leads (pigtail).
5430902	Wire-to-Wire Repair	Document ID of the Harness Routing View of repaired harness **PLUS** grid location showing repair area	Repair is to wiring only – not to be used if a terminal or connector was repaired or replaced.
5430922	Connector Reconnection	Document ID of Connector End View of connector that was not connected properly	Electrical connections only – connectors not fully seated or totally disconnected. Also used when a loose fastener is causing a poor electrical connection (i.e. loose ground bolt/nut).
5430940	Harness Replacement	Document ID that best depicts that area of repair (Harness Routing View or Connector End View)	Used only when replacing a complete harness assembly.
5430962	Ground Connection Repair	Document ID of Locator View of ground fastener which required repair. (Ground locations are linked from the Master Electrical Component List in SI)	Use when tightening or reconnecting grounds. Use ground stud repair if the ground stud was broken.