



# Service Bulletin

Bulletin No.: 10-00-89-005I

Date: April, 2020

## WARRANTY ADMINISTRATION

**Subject:** Revised Wiring Repair Labor Operations and Required Additional Information

**Models:** 2020 and Prior GM Passenger Cars and Trucks

**Attention:** This bulletin also applies to any of the above models that may be Export from North America vehicles.

**This bulletin has been revised to add the 2020 Model Year. Please discard Corporate Bulletin Number 10-00-89-005H.**

When using wiring repair labor operations, additional data is required in Global Warranty when submitting transactions. 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, the Connector End View document ID's are unique for each illustration. For Harness Routing Views, a grid is included that provides 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 ID. 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 table at the bottom of this bulletin is used when submitting the warranty transaction, an additional required field will appear requesting a "Document ID." Enter the required information per the table, which should be documented on the repair order by the technician. The table 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 ID's, 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 F6	1234567 F6

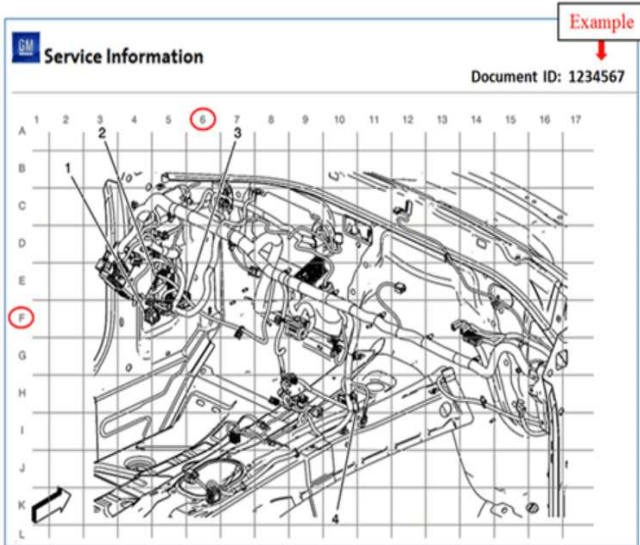
**Note:** This additional data identifies the location of the repair and must correspond with the vehicle type and repair type entered.

### 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.

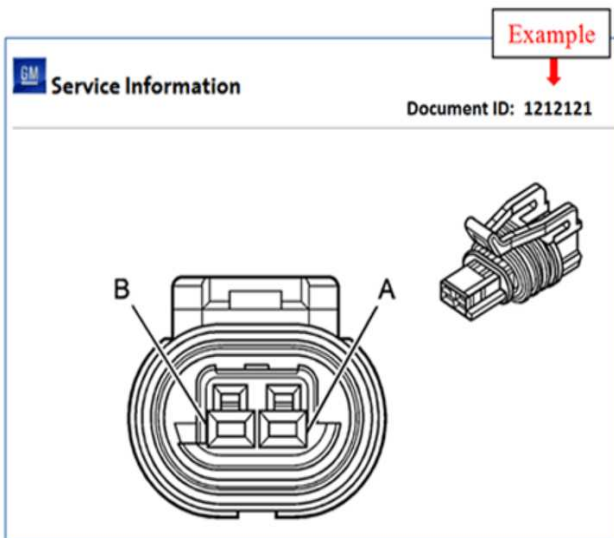


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### Connector View Example

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 Wiring Repair Labor Operations and Additional Information Required**

Labor Operation	Labor Operation Description	Additional 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 (includes backed out terminals).
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 <b>PLUS</b> 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 (i.e. does not include backed out terminals).
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 repair labor operation if the ground stud was broken.
5430010	Body Ground Stud or Nut Repair or Replacement	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 the ground stud was broken.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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