



Preliminary Information

PIC6148A Possible damage to High voltage connector

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Volt	2016 - 2019	All	All	All	All

Supersession Statement

This PI was superseded to update model years . Please discard PIC6148.

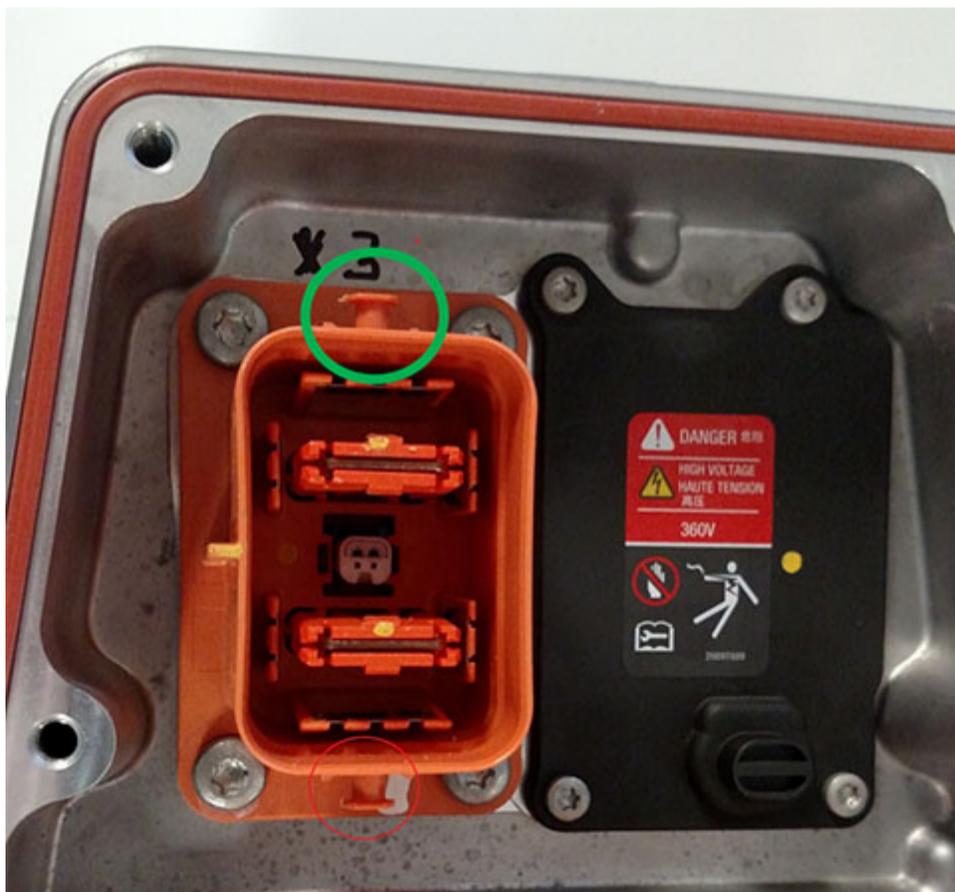
The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

During service of the high voltage battery the tabs on X3 could be damaged.

Please review SI procedures for proper handling of all high voltage connections.

Videos for connector removal and installation have been added to SI. Search - High Voltage Connectors

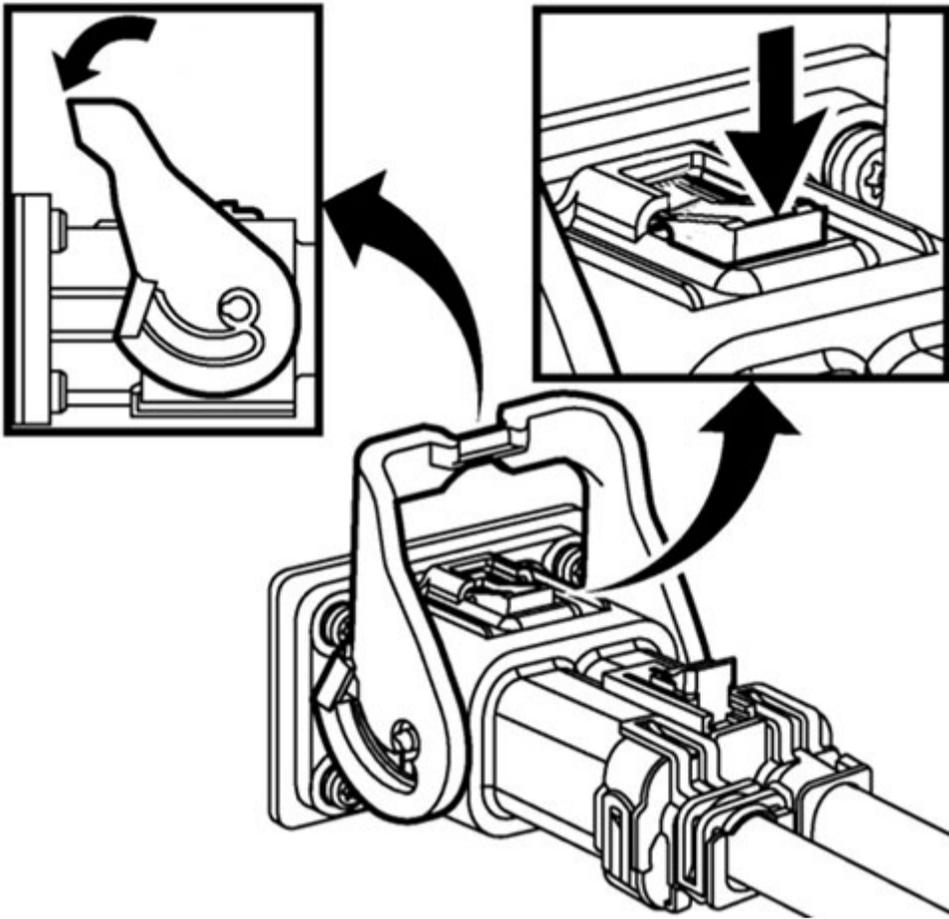


Recommendations / Instructions

Please make sure to use caution when removing and installing this connector.

Warning: If the Tabs on the connector are broken the Hybrid/EV Battery Contactor Assembly (A28) would need to be replaced, the connector is not serviced separately.

1. **Lift and rotate the lever to place the connector in the partial-mate position.**



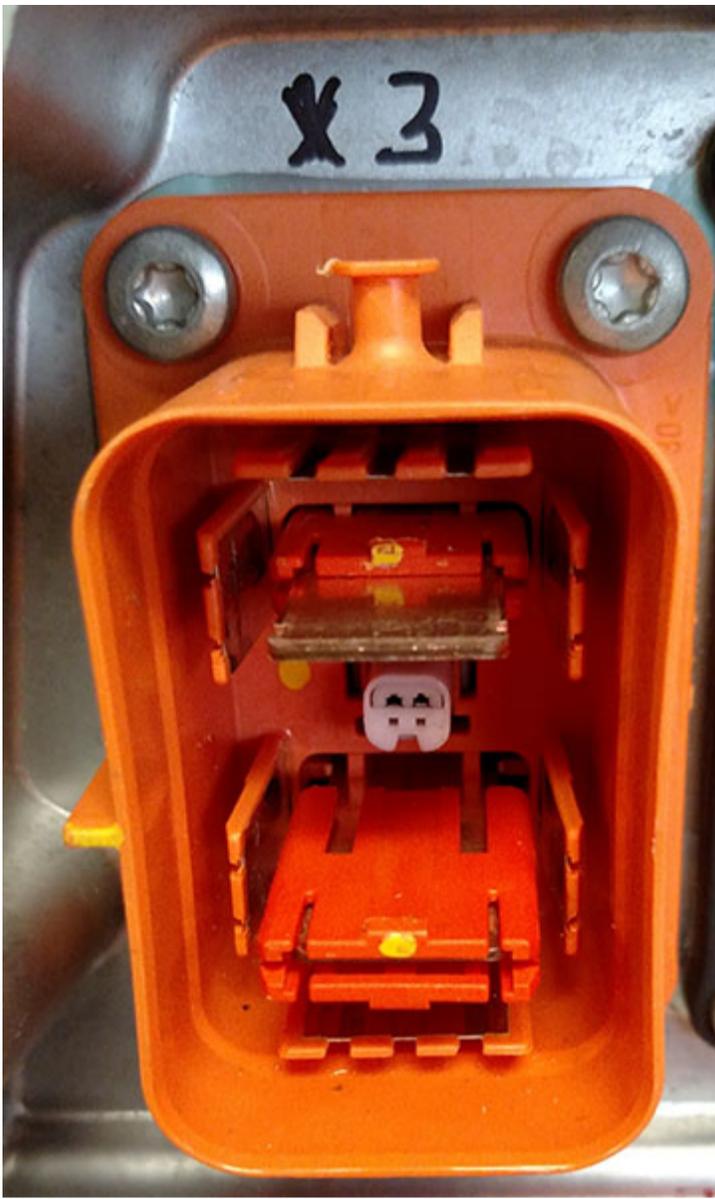
2. Depress the connector lock. Keep the lock depressed and rotate the lever forward to the pre-stage position.

There will be an audible click sound when the connector lock disengages.

3. Pull back on the female connector to disconnect the connector completely.

When Installing the Connector:

The terminal protectors could stick in the down position. Make sure they are pulled out, if they are stuck down you can use a plastic trim stick or insulated screwdriver.



Connectors need to be square to each other before the cam lock is engaged.

Push the cable onto Hybrid/EV Battery Contactor Assembly (A28) connector until the lever begins to rotate, initiating engagement. After that, the lever can be used to complete the connection until the locks click for both the connector and the lever, indicating completion. If force seems excessive, do not proceed as the connector on the Hybrid/EV Battery Contactor Assembly (A28) may break.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.



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