



Preliminary Information

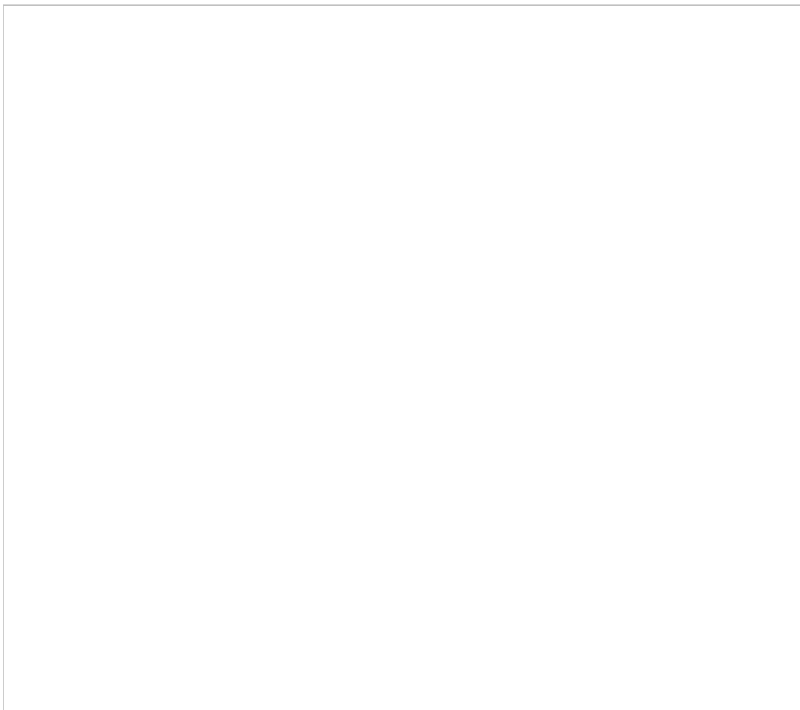
PIC6288 Unable to charge the High voltage battery, DTC P1FFE

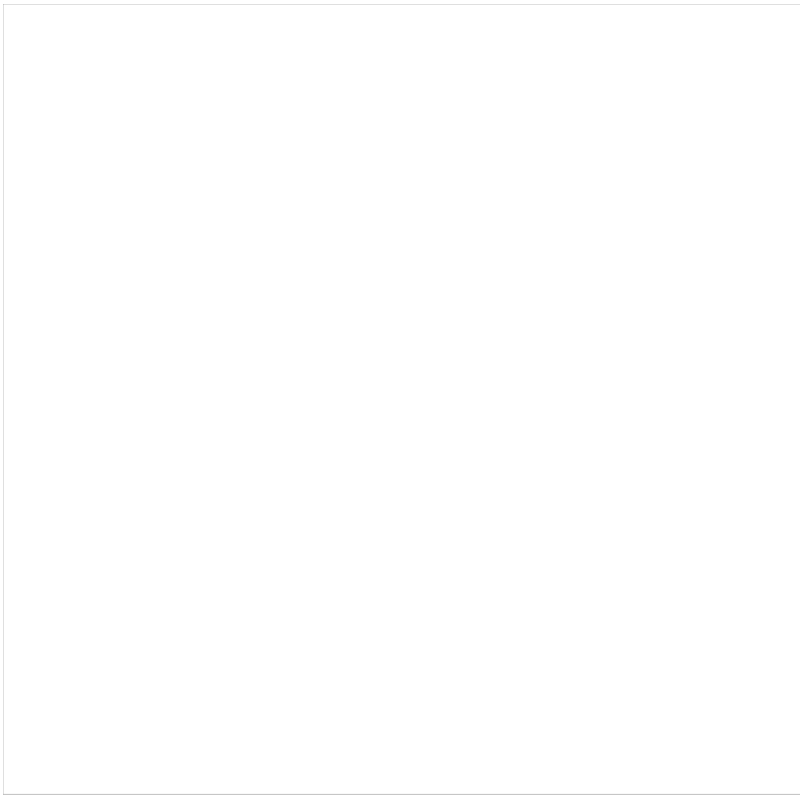
Models

| Brand: | Model: | Model Years: | VIN: | | Engine: | Transmissions: |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------|-----|---------|----------------|
| | | | from | to | | |
| Cadillac | CT6 Plug-in | 2017 | ALL | ALL | LGT | MRD |
| Involved Region or Country | North America | | | | | |
| Additional Options (RPO) | HP6 | | | | | |
| Condition | Customer is unable to charge the HV battery. DTC P1FFE is set when coolant level is at the full indicator line after Hybrid battery pack service or hybrid battery pack cooling system service. | | | | | |
| Cause | The coolant level sensor may be stuck, indicating low coolant after Hybrid battery pack service or Hybrid battery pack coolant system service. | | | | | |

Correction:

- Verify coolant level in tank
- Run Pump using GDS2 and monitor coolant sensor signal
- Run a magnet across sensor on the outside of float to see if signal changes
- If signal changes no further action required, clear codes and test drive the vehicle
- If unable to get signal to change while using a magnet across sensor float replace sensor and do Evac n Fill.
- Although Evac n Fill is not required for level sensor replacement, potential air pockets from previous repairs could be root cause of stuck sensor float.





1) Magnet location on flat side of the sensor

Version History

| | |
|----------|---|
| Version | 1 |
| Modified | |



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