

Last modified: 17/11/2023 14:13:42

Remove Stuck Deadfront – Charge Handle

Correction code 50010202

FRT 0.06

NOTE: Unless otherwise explicitly stated in the procedure, the above correction code and FRT reflect all of the work required to perform this procedure, including the linked procedures. **Do not stack correction codes unless explicitly told to do so.**

NOTE: See [Flat Rate Times](#) to learn more about FRTs and how they are created. To provide feedback on FRT values, email LaborTimeFeedback@tesla.com.

NOTE: See [Personal Protection](#) to make sure wearing proper PPE when performing the below procedure.

- Soldering Iron and Heat Tool Kit
- Drill Bit Set
- Personal Protective Equipment (PPE) for when working with high temperatures.

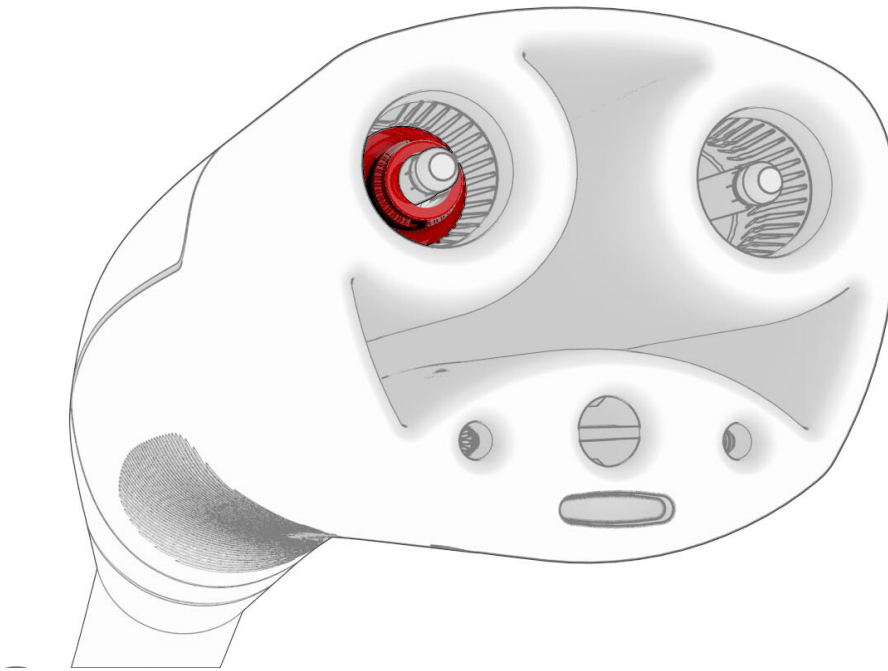
Remove

1. Turn off the power to the Wall Connector at the circuit breaker. Alternatively, disconnect the Mobile Connector from the wall outlet.

Warning

Electricity must be turned off at the circuit breaker, or the Mobile Connector disconnected from the wall outlet, before performing this procedure. Failure to perform this step may result in serious injury or death due to high voltage exposure.

2. Visually inspect the charge handle to confirm that there is a stuck deadfront present.



3. Grip the base of a 1/16 in or 2 mm drill bit using locking pliers.
4. Put on the PPE, including safety glasses.
5. Use the soldering iron and heat tooling kit to apply heat to the tip of the drill bit. Continue applying heat until the tip of the drill bit is glowing red.



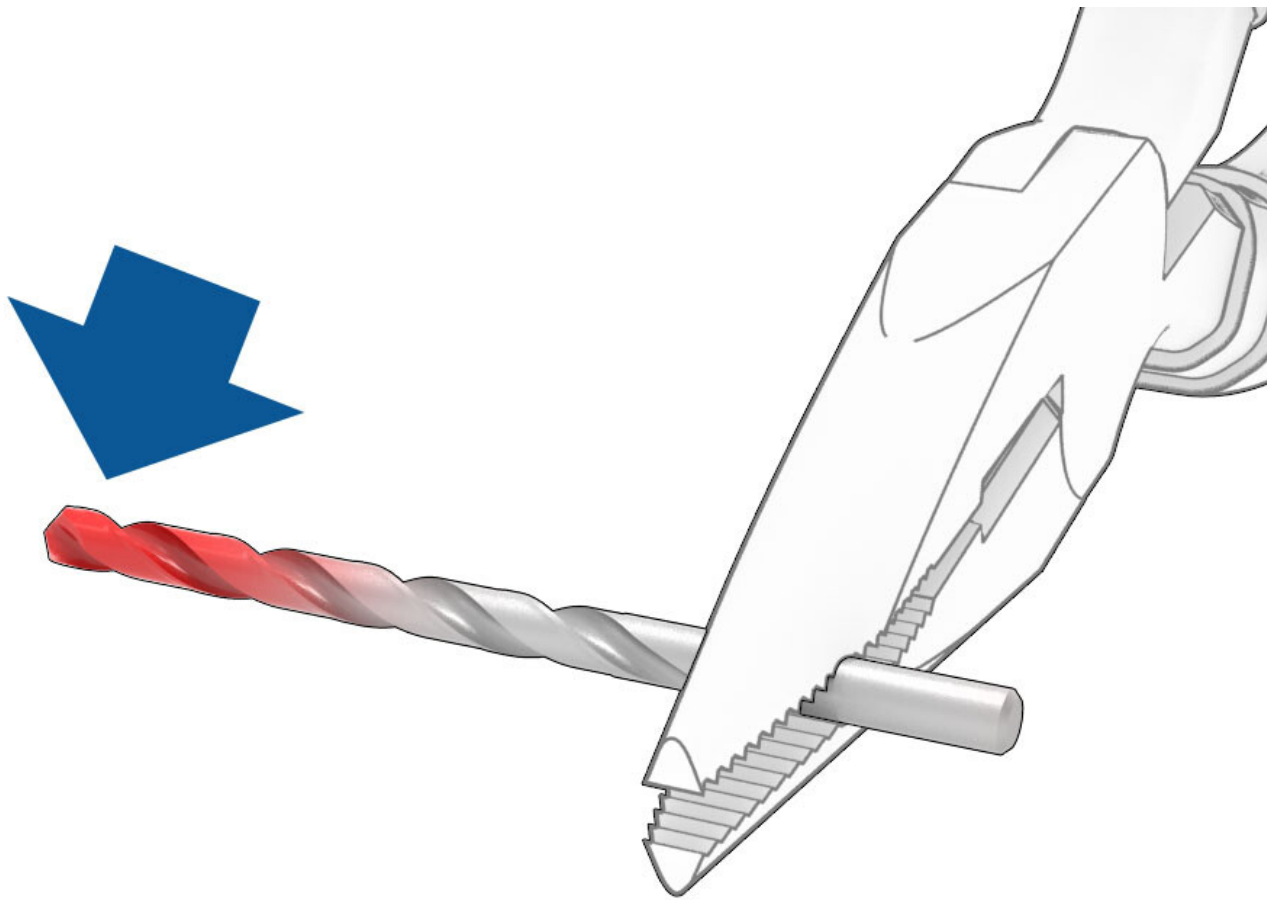
Warning

Refer to the soldering iron manufacturer's instructions for proper usage, warnings, and cautions prior to use.



Warning

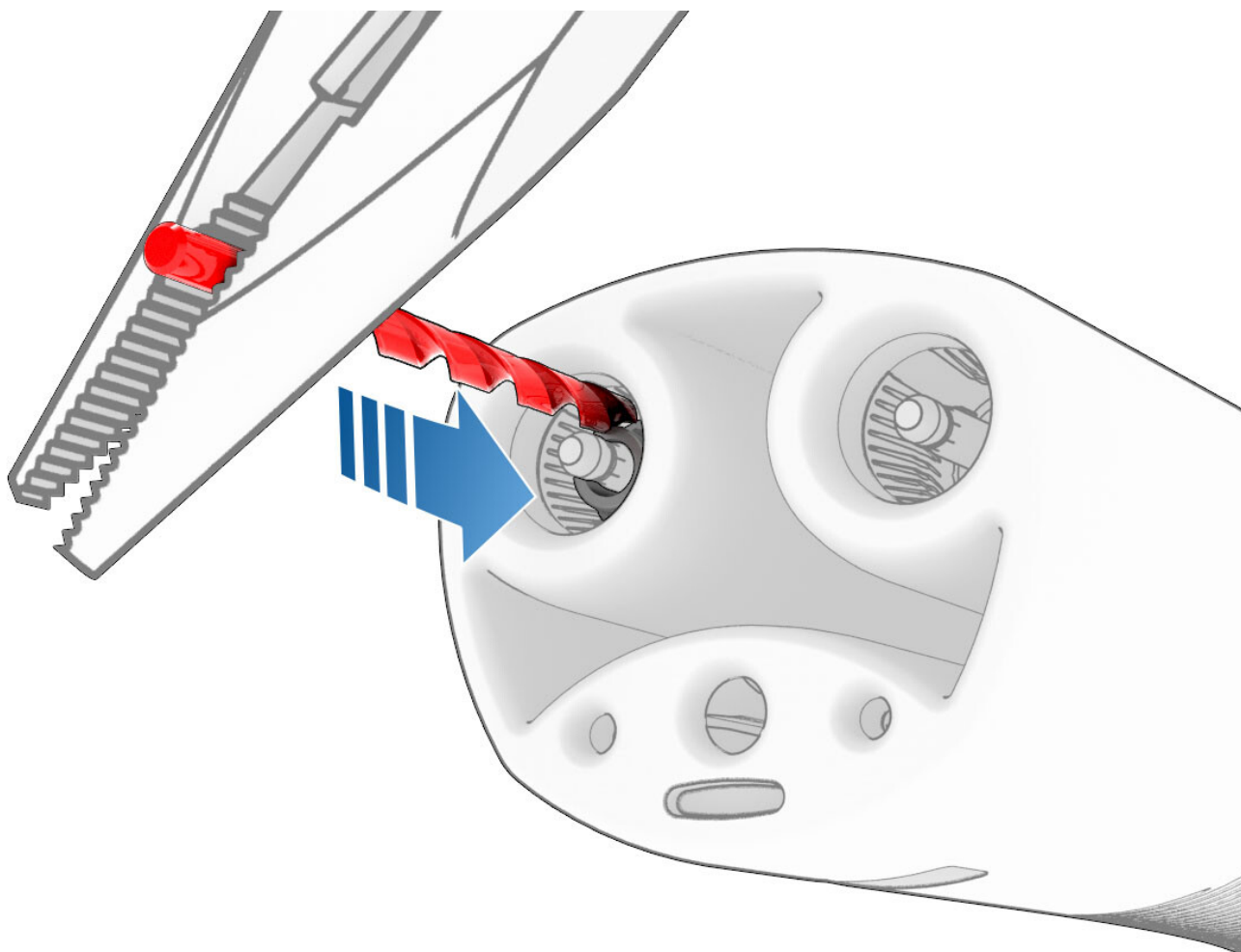
The soldering iron, drill bit, and adjacent areas will be extremely hot.



6. Carefully insert the tip of the heated drill bit into the charge handle so that the drill bit penetrates the stuck deadfront. Hold the drill bit in the deadfront for at least 20 seconds (until the drill bit cools down and the deadfront is stuck to the drill bit).

**CAUTION**

To avoid damaging the charge handle, avoid touching anything except for the stuck deadfront.



7. Carefully remove the deadfront from the charge handle by firmly pulling the drill bit out from the charge handle. Discard the deadfront.



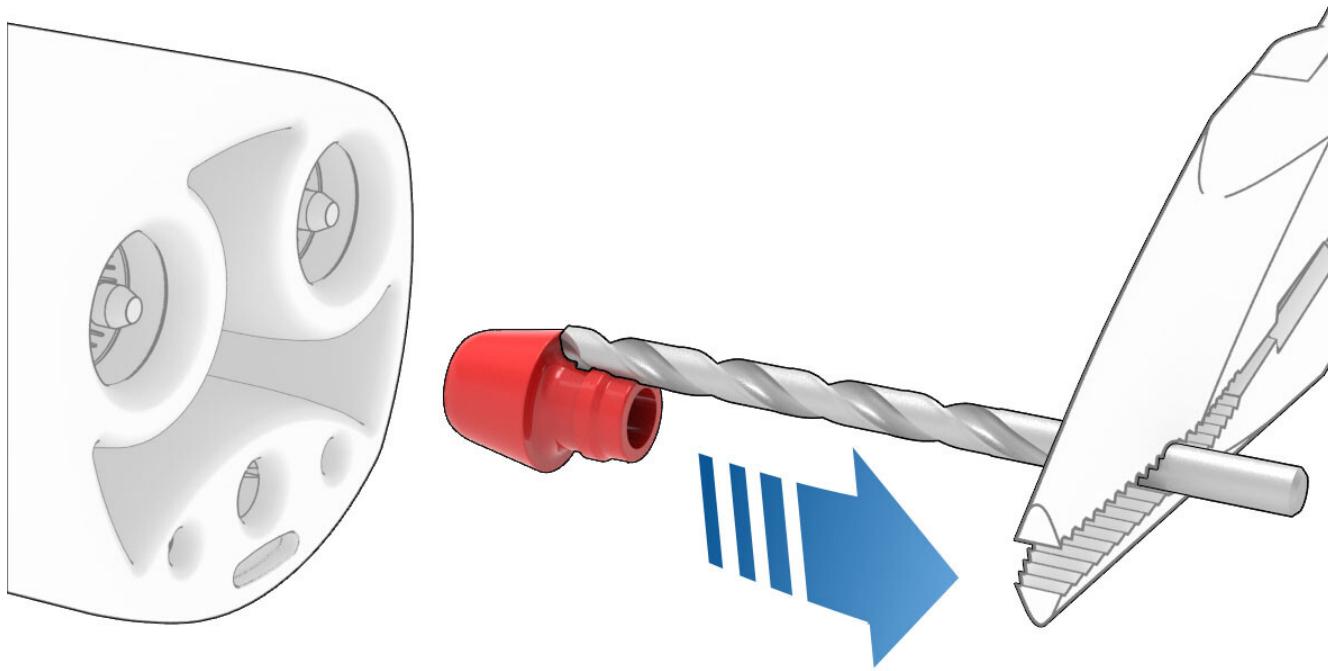
CAUTION

The drill bit may still be hot enough to burn.



Note

It might be necessary to unscrew the deadfront from the drill bit.



8. Visually confirm that the deadfront is completely removed from the charge handle.

