



**TESLA OFFER**

**TESLA MODEL 3 ELECTRIC FRUNK INSTALLATION GUIDE**

**V1.0**

## **NOTE: Installation Precaution**

1. It is recommended to have this product installed by a professional to avoid damage caused by improper installation.
2. Do not attempt to disassemble or modify any components included within the kit. Unapproved modifications or evidence of tampering will void any warranty included with the product.
3. Before installation, inspect the vehicle's controls and interior/exterior for any damage or malfunctioning components. Report any damage or non-conformities to the customer prior to installing the product.
4. Inspect the factory lift gate for proper operation before installing this product. Improper opening or closing of the lift gate may interfere with the functionality of the Power Lift Gate System.
5. It is recommended to remove or cover any item of clothing (belt buckles, jeans rivets, buttons, etc.) prior to installation of this accessory to prevent damage incurred to the vehicle during the installation.
6. Interior panels that have been removed should be set aside somewhere safe during the installation process to avoid damage.
7. When routing and securing wiring harnesses, care should be exercised to avoid any hot, sharp, or moving objects in the vehicle such as steering column, pedals, dash bracing, HVAC components, etc.
8. Do not deviate from methods of installation in this document. Any damage caused by improper wire routing, incorrect connections, wiring, etc. is not covered under the warranty.
9. After installation, you must manually set the liftgate to the highest position and press the trunk button for 5 seconds until you hear a beep sound to initialize the system

### Operation (As of Sept 2019)

|              | <b>Tesla App</b> | <b>Key Fob<br/>(if purchased)</b> | <b>Frunk Emergency<br/>Button</b> | <b>Touch Screen</b> |
|--------------|------------------|-----------------------------------|-----------------------------------|---------------------|
| <b>Open</b>  | Yes              | Yes                               | Yes                               | Yes                 |
| <b>Close</b> | Yes              | Yes                               | Yes                               | No (greyed out)     |

### Height Setting

To set the height, set the liftgate to your desired height. Press and hold the emergency button for about 5 seconds, until you hear a beep (Make sure the buzzer is connected).

### Packing List

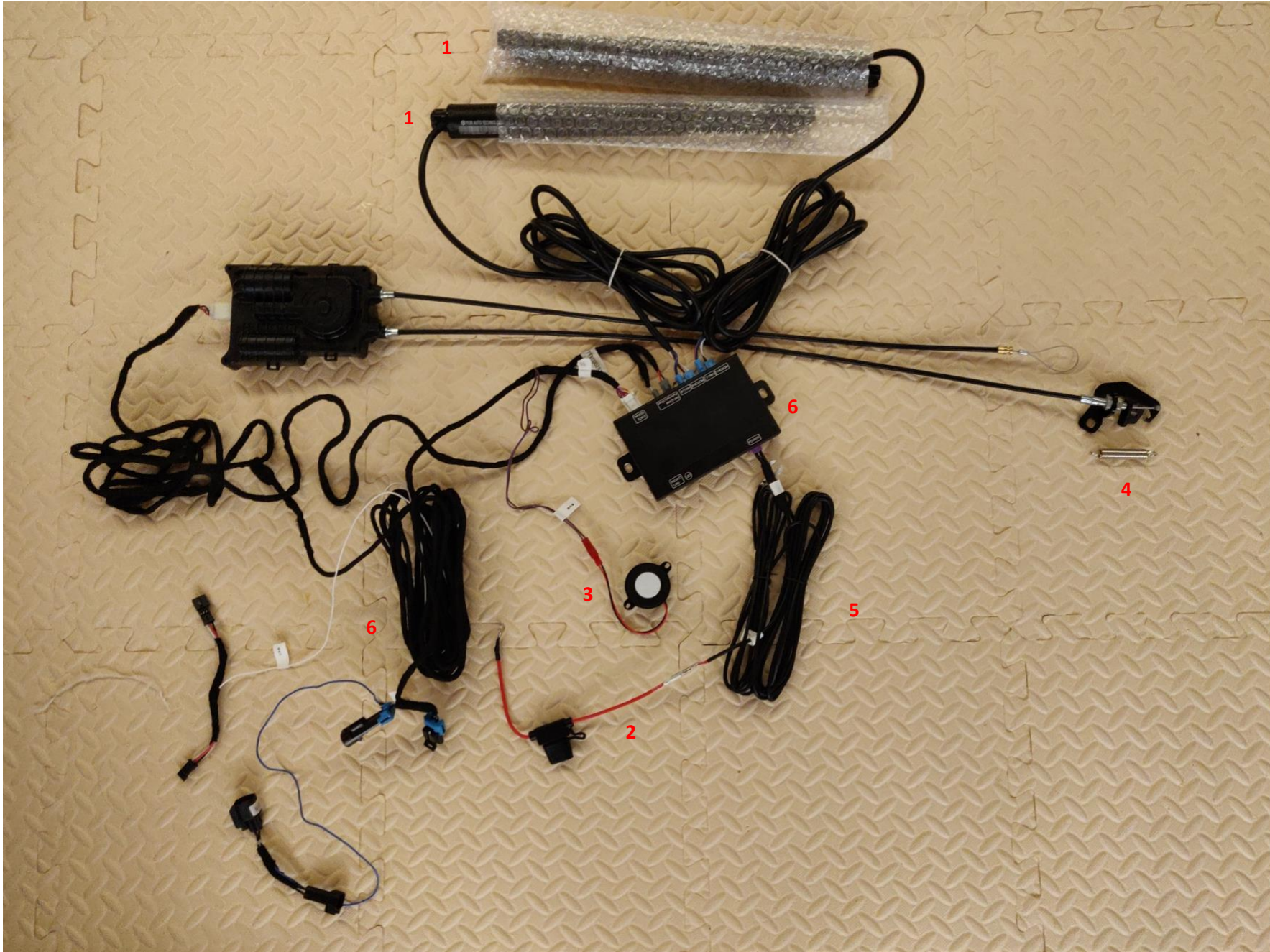
| # | Part                      | Qty |
|---|---------------------------|-----|
| 1 | Replacement Struts        | 2   |
| 2 | Power Connector with Fuse | 1   |
| 3 | Buzzer                    | 1   |
| 4 | Power Cable with Fuse     | 1   |

| # | Part            | Qty |
|---|-----------------|-----|
| 5 | Control Box     | 1   |
| 6 | Wire Connectors | 1   |
| 7 | Latch Motor     | 1   |
| 8 | String          | 10  |





## Wiring Details



## Installation

1. Remove the 2 original struts with flat head screw driver.





2. Install the replacement struts.



3. Remove the trim pieces.



4. Disconnect the emergency button.



5. Unscrew the 7 10mm bolts (located at the white dots)

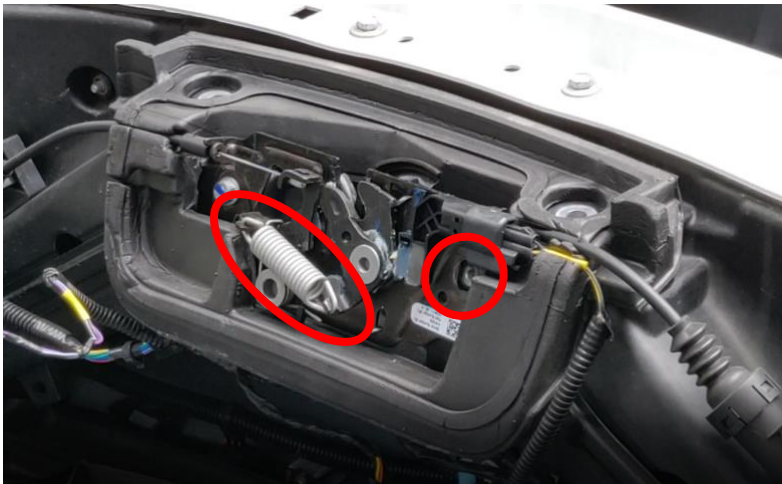




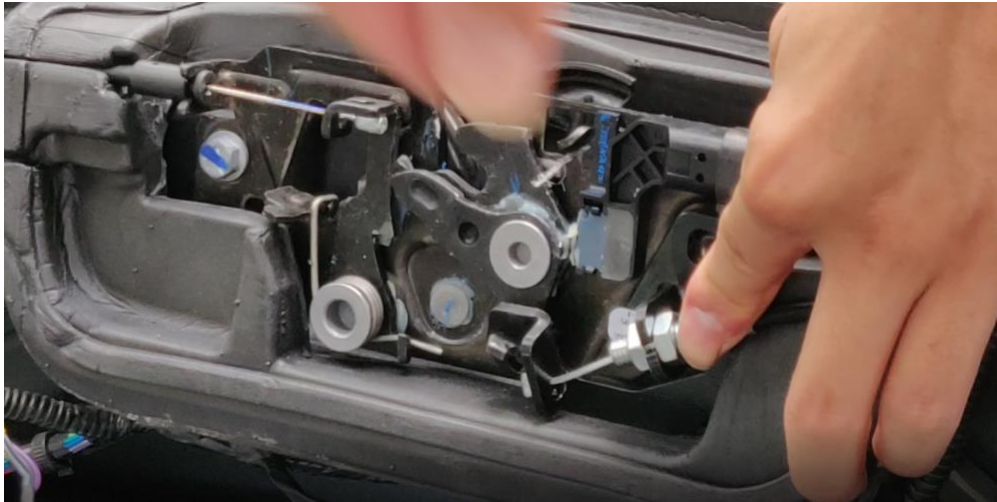
6. Remove the frunk



7. Unscrew the bolt and remove the spring



8. Install the latch mechanism (Part 8) and replacement spring (Part 4). Tighten the bolt afterwards.



9. You may cut a hole to fit the wire for the latch (optional, or just run the wire behind)



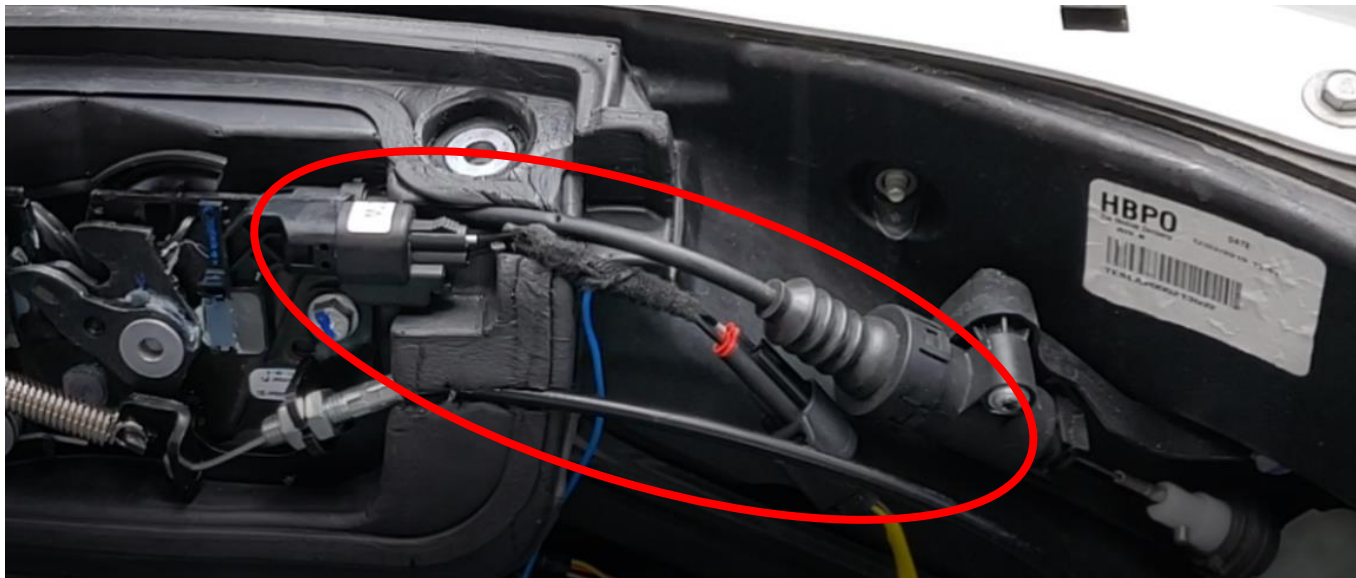
10. Push the small circle cover at the bumper to open it. Then, wire the emergency pull attached to the latch motor to the cover in the front bumper. Stick it with the original wire.

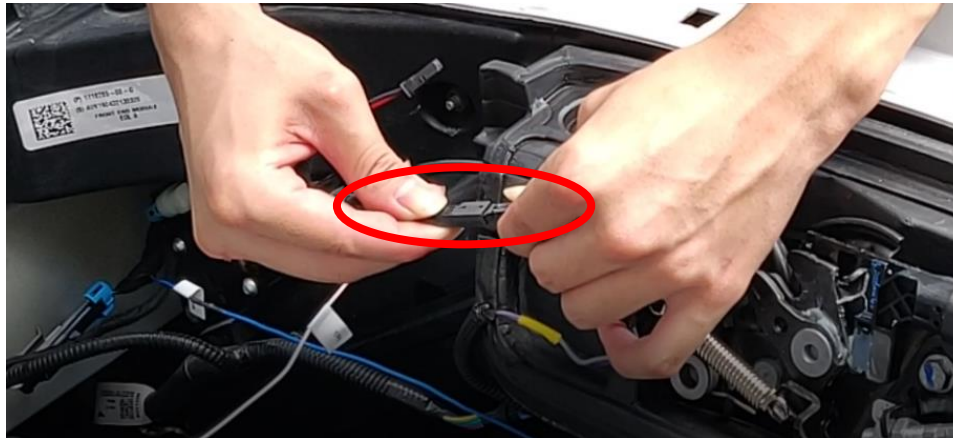






11. Connect the 3 original connectors to our kit and connect the other end of the Y-connector back to the original plug in the lock unit.



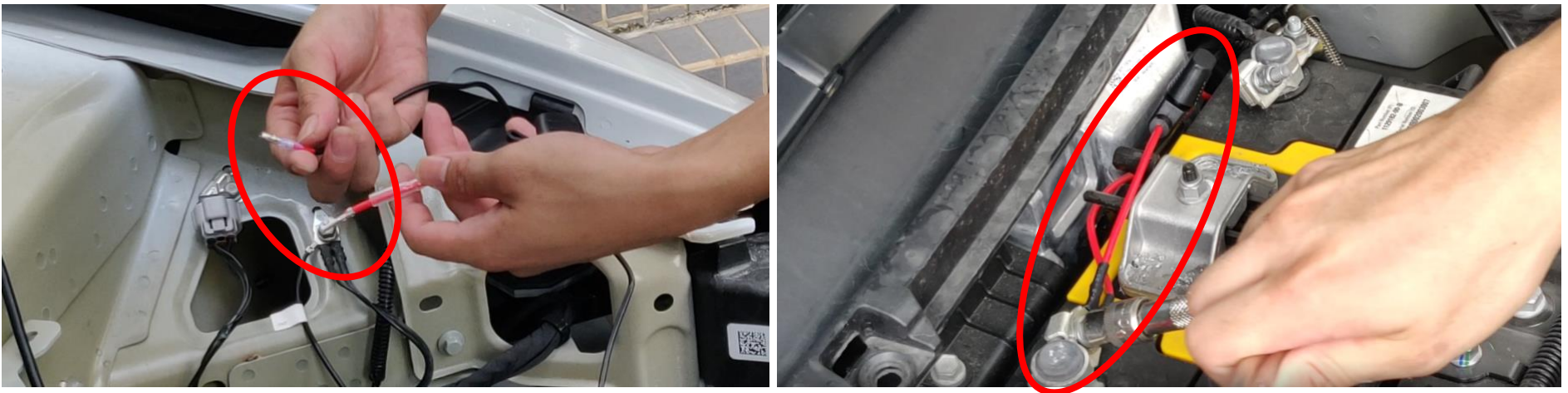




12. Tap the black wire to the ground



13. Tap the power cable to the connector then to the 12V battery.

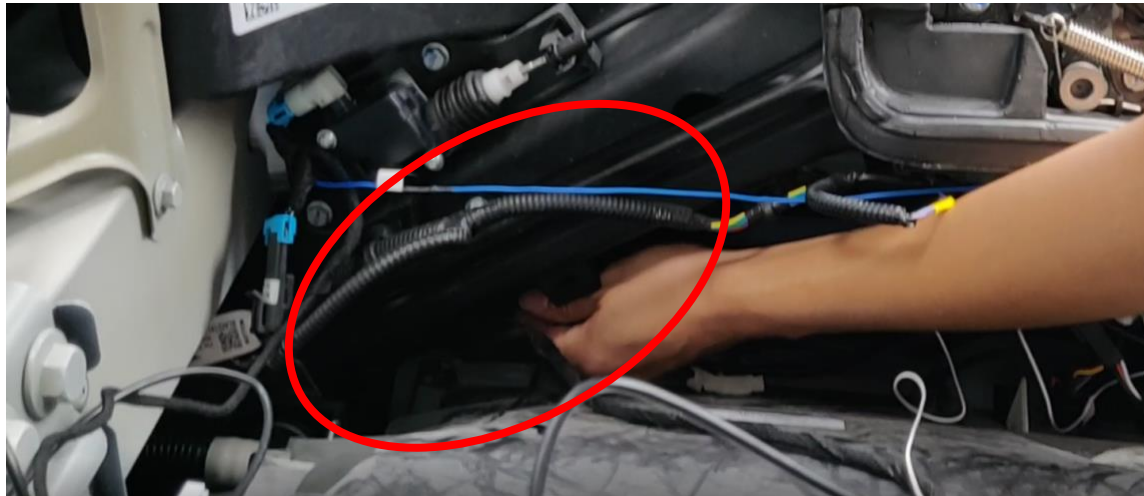




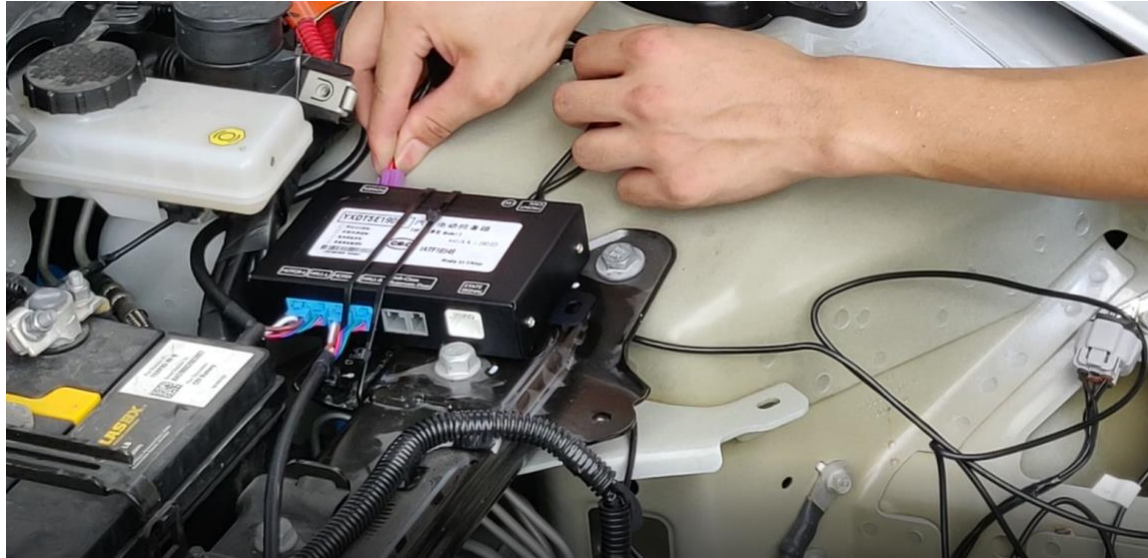
14. Secure the control box as photo attached below. Use cable ties and double side tapes to secure it.



15. Secure the latch motor with cable ties.



17. Connect all the wires and the buzzer to test the system.



18. Use a flat head screwdriver or other tools to push the lock unit down. Press the button and make sure the lock release



19. Hold the emergency button until you hear a long beep sound to initialize the kit. Then press once more to try to close the frunk.



You are all set! Tidy up the wires and put the frunk and trim pieces back.