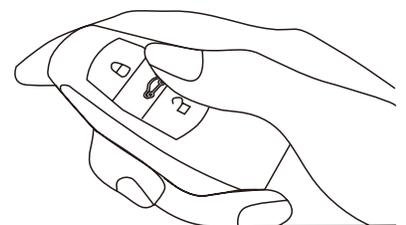
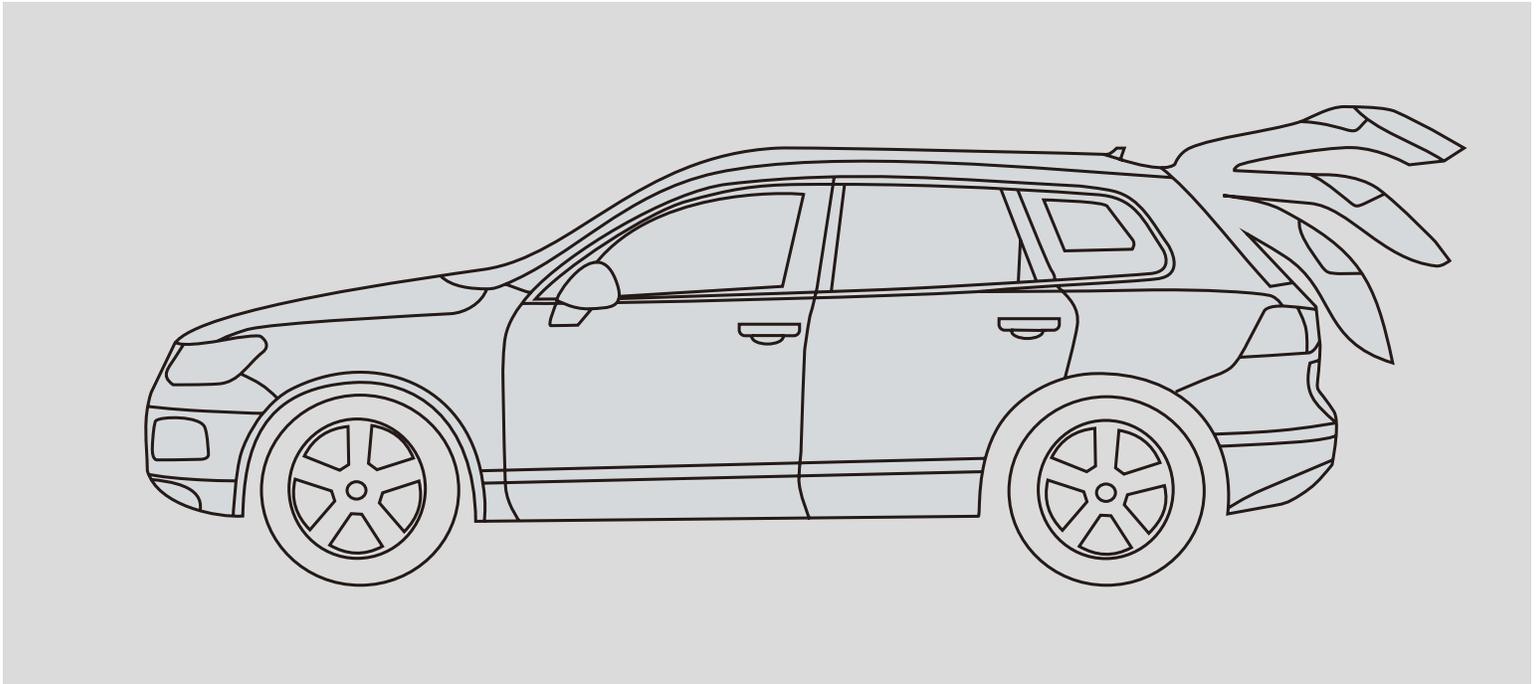


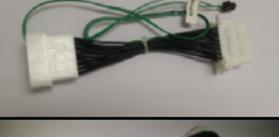
Installation Manual: Jeep Cherokee Power Lift Gate System



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 nonconformities to the customer prior to installing the product.
4. Inspect the factory lift gate for proper operation and function of lights 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. Disconnect the negative (-) battery terminal before proceeding to installation. Wait at least 2 minutes after disconnecting the negative (-) battery terminal to disable the SRS and other systems in the vehicle. Any damage caused from failure to disconnect the battery is not covered under the warranty.
10. After installation, you must manually close the lift gate to initialize the Power Lift Gate System.

Kit Details

Power Cable		4120353
Power Picker		4120356
Back Button Wire		4120347
Lock Wire		4120354
Back Button		4540011
Canbus		4360639
OBD Transfer Wire		4120350
Front Button		4540012
Buzzer		4360648
Control Box		4360640
Brackets		4460042 (Right) 4460041 (Left)
Right & Left Poles		4360642 (Right) 4360641 (Left)

PREPARING FOR INSTALLATION

INSTALLATION PREPARATION

Before starting installation

1. Familiarize yourself with the installation instructions.
2. Inspect kit components to verify everything is present, there is no damage, and to familiarize yourself with the parts.

VEHICLE PREPARATION

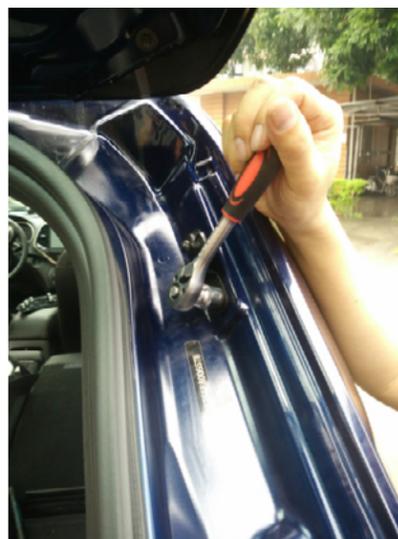
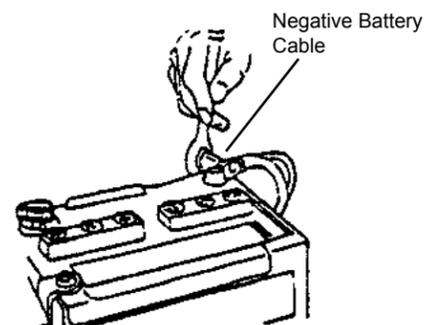
1. Place protective coverings on vehicle.
2. Apply protective tape to all points before prying.
3. **"IMPORTANT.....IMPORTANT"**
 **Disconnect Negative Battery Cable**

INSTALLATION:

1. Using a helper or supporting brace, support the lift gate in the full opened position.
2. Using a flat head screwdriver, disengage the ring clip and disconnect the factory lift strut. Repeat for the factory lift strut lower mounting point on the vehicle body as well. Repeat for the opposite side. Remove the factory lift struts and set aside.

Exercise caution when removing the support struts, as the lift gate is very heavy once removed.

3. Remove the bolt from the factory strut mounting bracket. Remove the bracket from the vehicle. Repeat for opposite side.



4. Install the supplied brackets to replace the OEM brackets, previously removed. Note the Left and Right side markings on the brackets for correct orientation.



5. Install the supplied lift motors onto the lift gate. Note the Left and Right markings on the lift motors for correct orientation.



6. On the Driver's side, remove the rubber body plug, located near the lift motor mount on the lift gate.



7. Using a moulding remover, disengage the clips and remove the center back door interior trim panel.



8. Disengage the clips, and remove the left and right side trim panels around the rear window.



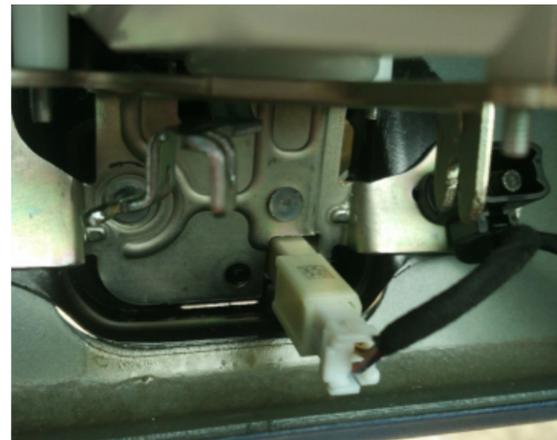
9. Use a moulding remover to remove the left and right side tail gate grab handles.



10. Use a moulding remover to disengage the clips and remove the interior lift gate panel.



11. Remove the connector from the lift gate latch. Connect the supplied connector from the harness into the latch, and connect the factory harness into the corresponding power lift gate harness connector.



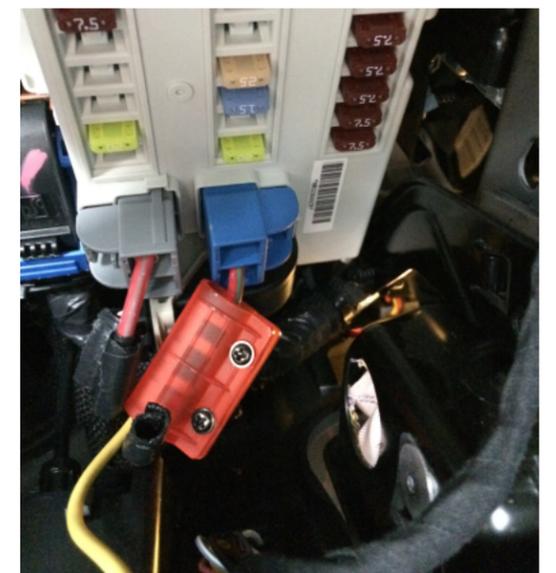
12. Using a moulding remover, disengage the claws and remove the LH side dash cover panel.



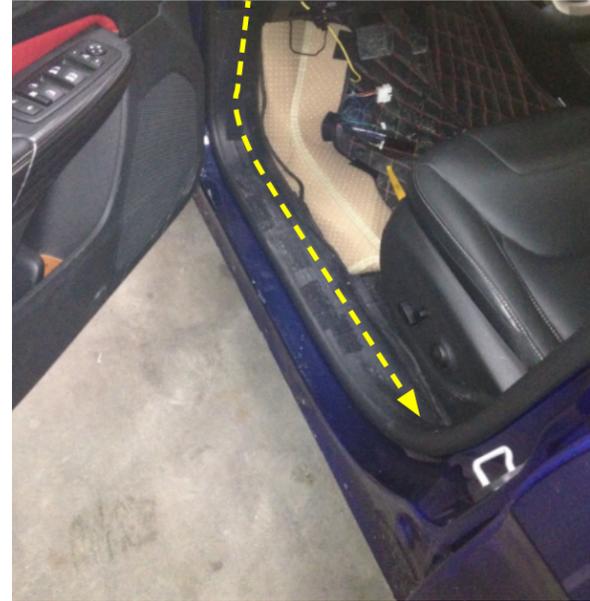
13. Remove the 2 screws that secure the driver's side under dash to the side brace. Then remove the under dash panel to access the fuse box.



14. Use the supplied wire clamp to attach the main wiring harness power wire to the vehicle's power wire as pictured.



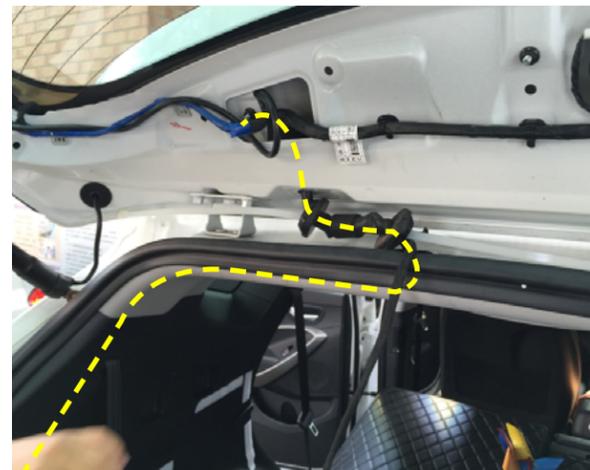
15. Route the wiring harness rearward along the factory wiring harness, underneath the driver's front door scuff plate.



16. Route the wiring harness rearward along the factory wiring harness, underneath the driver's rear door scuff plate.



17. Route the wire harness up towards the headliner. Using a wire fish tape, pull the wire harness through the factory wiring boot into the liftgate.



Note: Using a bit of soap/water to lubricate the inside of the wiring boot will aid in pulling the wire harness through the boot.

18. Make all connections to the main control module. Then use the supplied bracket and mount the control module in the lift gate.



19. Mount the open/close button in the lift gate as shown. Take care to drill the hole in the location so that it will not interfere with the body structure behind the plastic trim panel.

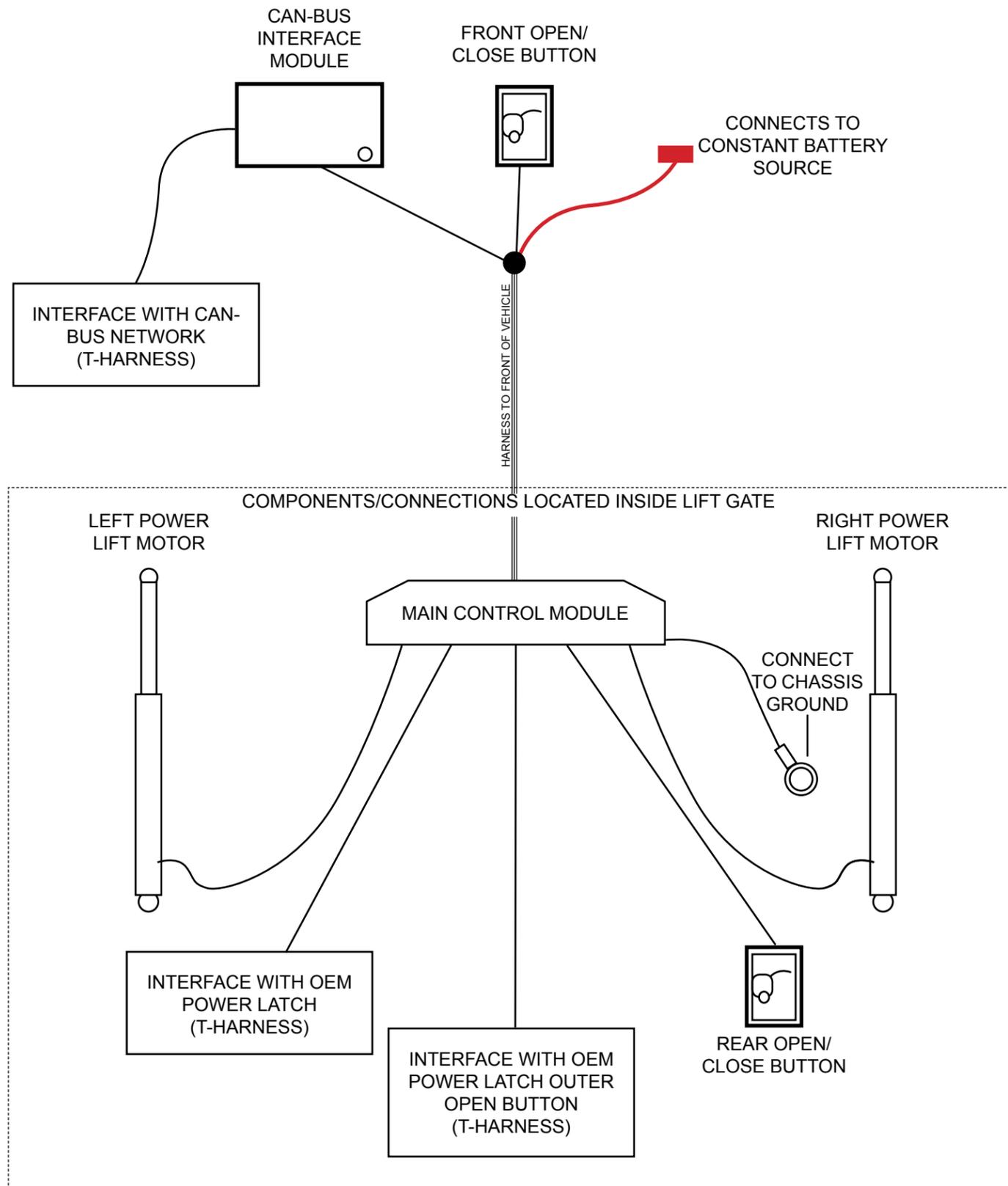


20. Mount the other open/close button in the driver's side lower dash panel as shown.



21. IMPORTANT: Prior to closing, ensure door panel is re-installed. Manually close the lift gate to initialize the Power Lift Gate System. Function test the system to verify proper operation.

Wiring Diagram - Power Lift Gate



THESE POINTS MUST BE CHECKED TO ENSURE A QUALITY INSTALLATION

- Head Light**
If the warning lights remains on, it may indicate a system malfunction.
- High Beams**
- Turn Signal Lights**
- Tail Lights**
- Stop Lights**
- Backup Lights**
- Hazard Lights**
- Marker Lights**
- Dome/Courtesy Lights**
- Panel/Switch Illumination**
- Accessory Controls/Illumination (if equipped)**
- Rear Window Defogger (if equipped)**
- Key Sensor Buzzer**
- Fog Lights (if equipped)**
- Day Time Running Lights (if equipped)**
- Trunk/Tailgate/Bed Lights (if equipped)**
- Glove Box Light (if equipped)**
- ABS Light (if equipped)**
- Rear Wiper/Washer (if equipped)**
- Clock (if equipped)**
- Accessory Power Socket (if equipped)**
- Starter**
- Audio/Video (if equipped)**
- Power Sliding Door (if equipped)**
- Convenience Memory Settings (if equipped)**
- Heated Seats (if equipped)**
- Massage Seats (if equipped)**
- Power Side Mirrors (if equipped)**
- Side Mirror Defogger (if equipped)**
- Front Windshield Defogger (if equipped)**
- Navigation System (if equipped)**
- Rear Sunshade (if equipped)**
- Cruise Control Light (if equipped)**
- Steering Wheel Audio Control (if equipped)**
- HVAC**
- Power Locks (if equipped)**
- Power Windows (if equipped)**
- Gauges**
- Front Wiper/Washer**
- Hood Latch Release**
- Passenger Air Bag Switch (if equipped)**
- Rollover Side Curtain Air Bag Switch (RSCA)**
- Horn**
- Seat Belt Warning Light**
If the warning lights remains on, it may indicate a system malfunction.
- Air Bag Warning Light**
If the warning lights remains on, it may indicate a system malfunction.
- Lamp Failure Sensor**
If the warning lights remains on, it may indicate a system malfunction.
- Track/Skid Control Light (if equipped)**
If the warning lights remains on, it may indicate a system malfunction.
- Tire Pressure Monitoring System (TPMS)**
Prior to TPMS activation and Pre-Delivery Service (PDS) of the vehicle the TPMS light will blink when IG is turned on. After TPMS activation and PDS of the vehicle the TPMS light will illuminate for a few seconds and go off when IG is turned on.