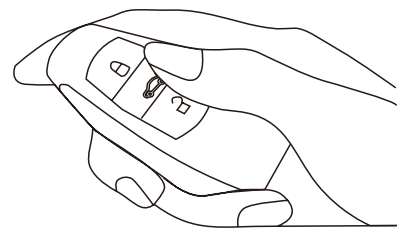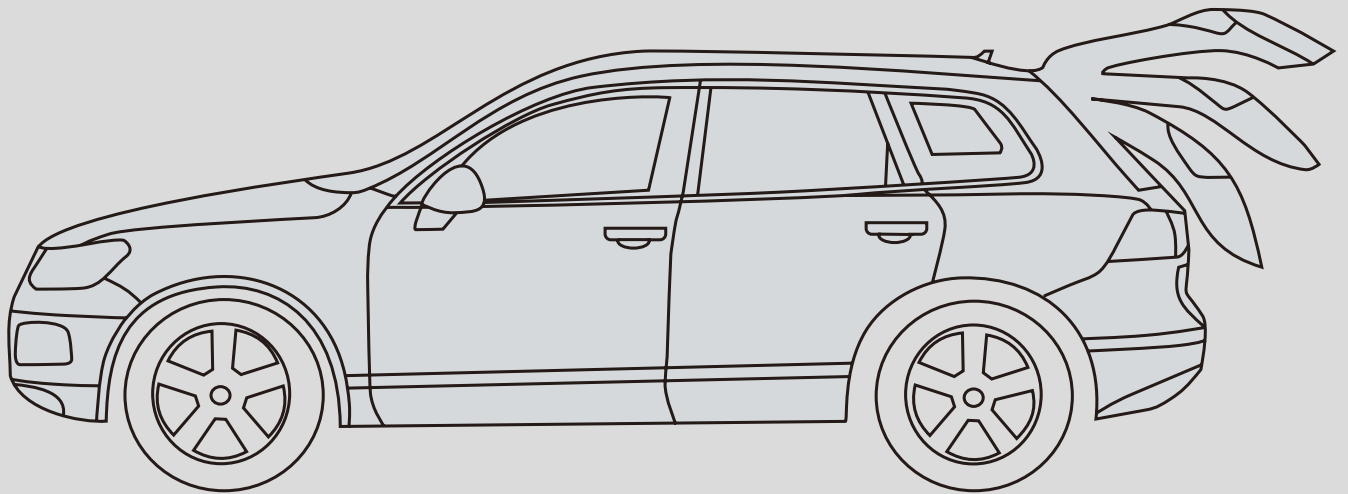# ///ADVENT®

Honda HRV

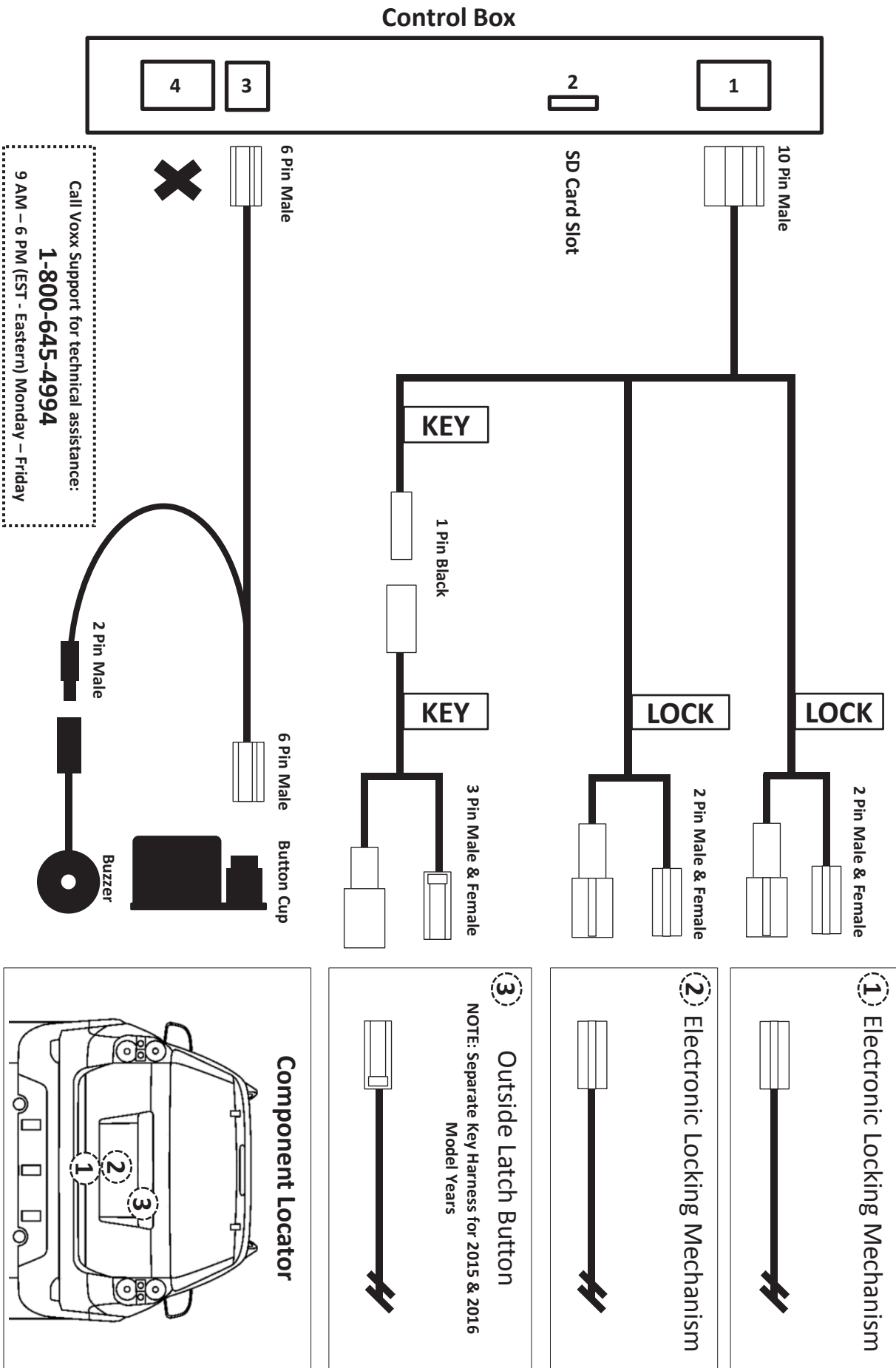# Installation Manual:
Honda HRV
Power Lift Gate System

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 non conformities 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.
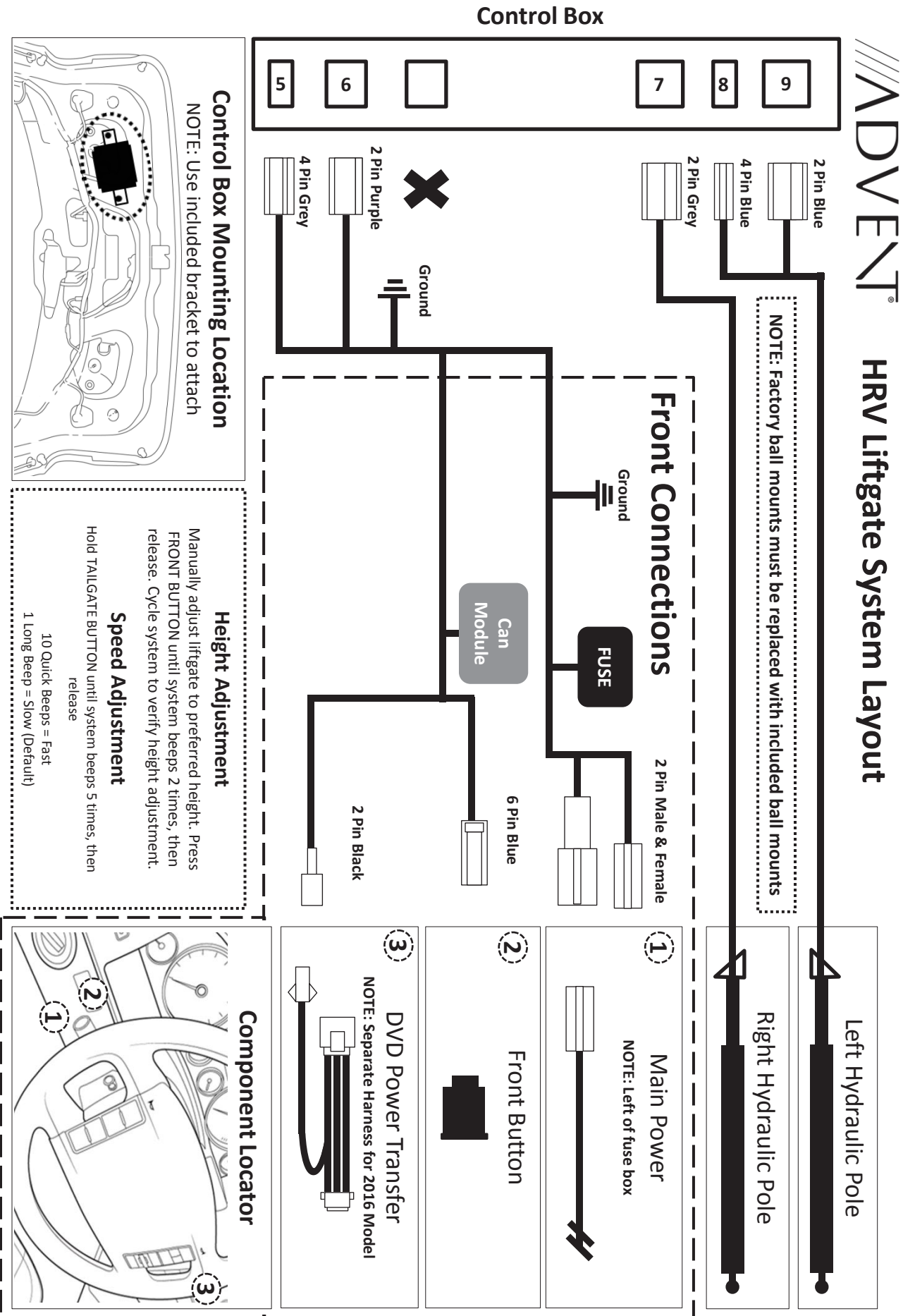
Wiring Details

Control Box

| 4 | 3 | | 2 | | 1 |

HRV Liftgate System Layout

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6 Pin Male

SD Card Slot

10 Pin Male

Call Voxx Support for technical assistance:

1-800-645-4994

9 AM – 6 PM (EST - Eastern) Monday – Friday

KEY

1 Pin Black

KEY

LOCK

LOCK

2 Pin Male

Buzzer

Button Cup

6 Pin Male

3 Pin Male & Female

2 Pin Male & Female

2 Pin Male & Female

Component Locator

③

Outside Latch Button

NOTE: Separate Key Harness for 2015 & 2016 Model Years

②

Electronic Locking Mechanism

①

Electronic Locking Mechanism

Wiring Details

Control Box

5 6 7 8 9

///ADVENT®

HRV Liftgate System Layout

Control Box Mounting Location
NOTE: Use included bracket to attach

4 Pin Grey
2 Pin Purple
Ground

2 Pin Grey
4 Pin Blue
2 Pin Blue

NOTE: Factory ball mounts must be replaced with included ball mounts

Front Connections

Ground

Can Module

FUSE

2 Pin Male & Female

6 Pin Blue

2 Pin Black

Height Adjustment
Manually adjust liftgate to preferred height. Press FRONT BUTTON until system beeps 2 times, then release. Cycle system to verify height adjustment.

Speed Adjustment
Hold TAILGATE BUTTON until system beeps 5 times, then release

10 Quick Beeps = Fast
1 Long Beep = Slow (Default)

① Main Power
NOTE: Left of fuse box

② Front Button

③ DVD Power Transfer
NOTE: Separate Harness for 2016 Model

Right Hydraulic Pole

Left Hydraulic Pole

Component Locator

① ② ③

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.
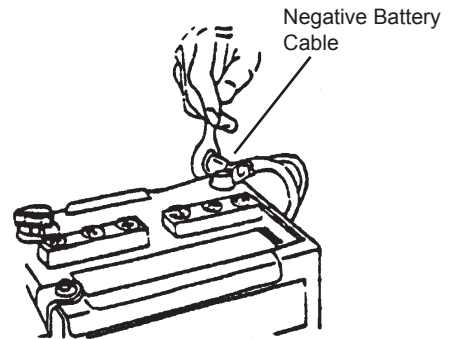
VEHICLE PREPARATION

1. Place protective coverings on vehicle.

2. Apply protective tape to all points before prying.

3. **"IMPORTANT........IMPORTANT"**
   ⚠ **Disconnect Negative Battery Cable**

Negative Battery Cable

INSTALLATION:

1. Disengage the clips and remove the lift gate's upper center trim panel.

2. Disengage the clips and remove the lift gate's LH side trim panel next to the window. Repeat for RH side.

3. Carefully pry with a nylon trim tool to disengage the clips, and remove the lift gate interior door trim panel.

4. Disconnect the OEM door opener switch connector. Connect the supplied T-Harness to the door opener switch.

5. Disconnect the OEM power latch connector. Connect the supplied T-Harness to the power latch.

6. Using a helper or supporting brace, support the lift gate in the full opened position.

7. Using a pry tool, remove the lower clip on the end of the OEM gas support struts for the lift gate.

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

8. Using a pry tool, remove the upper clip on the end of the OEM gas support strut for the lift gate, and remove the support strut.

9. Repeat for the opposite side.

10. Remove the OEM support strut ball mount from the vehicle body. Add the supplied washer and reinstall the ball mounts.

11. Using the supplied template, mark the center point. Then using the supplied hole saw, drill a M16 hole in the liftgate panel next to the upper ball mount. Then, deburr the hole. This will be used to route the lift motor's wire harness into the liftgate.


12. Install the Power Lift Gate Lift Motors onto the ball mounts with the wire harness facing upwards, on the lift gate side. Note the LEFT and RIGHT orientation as marked on the lift motors. Route the harness through the hole drilled previously.

13. Using a wire puller or fish tape, carefully pull the wire harness through the wiring boot.

Note: Spraying a bit of soap/water solution inside the wiring boot will help to lubricate the rubber boot and make it easier to pull the harness through.
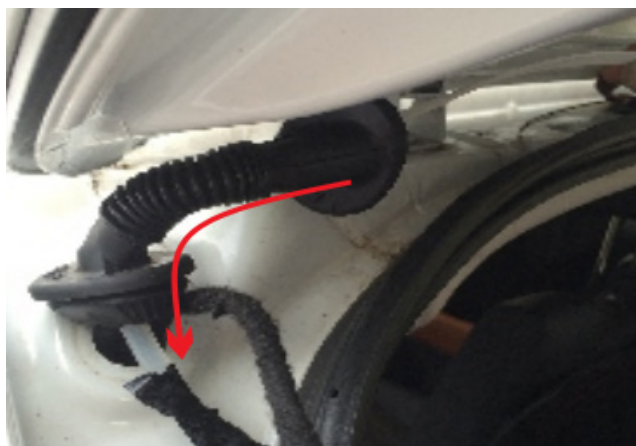
14. Using the wire puller or fish tape, pull the wire harness through the lift gate body structure as pictured.
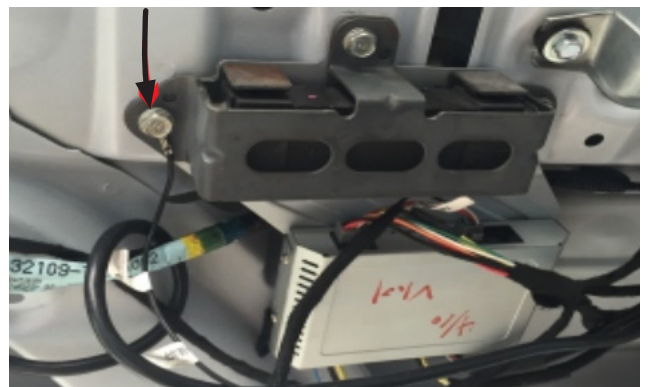

15. Remove the OEM pull handle cup from the lift gate. Install the supplied pull handle cup with open/close button into the location. Connect the wire harness and route the wire harness to the control module mounting location.

16. Remove the 3 bolts as shown. Install the control module/mounting bracket as pictured.

17. Attach the ground wire as shown.

18. Route the main wiring harness forward, along the path indicated in the image.

19. Continue routing the main wiring harness forward to the driver's side lower dash area.

20. Using a nylon trim tool, disengage the claws and remove the driver's side dash panel.

21. Carefully pry to disengage the clips and remove the driver's side button mounting panel.

22. Remove the blank knock-out and mount the supplied open/close button in the location as pictured.

23. Disassemble the interior panels and remove the trim bezel to provide access to the radio and A/C control head.

24. Make CAN-Bus connection using the supplied T-Harness as shown.

   FOR BASE TRIM MODEL VEHICLES:
   Remove the Radio/Receiver assembly and connect the supplied T-Harness to the rear of the radio.

   FOR HIGHER TRIM MODEL VEHICLES
   Remove the A/C control head and use the supplied T-Harness to connect to the rear of the A/C control head.

25. Locate the pictured connector at the fuse panel. Disconnect the OEM connector and connect to the main power harness.
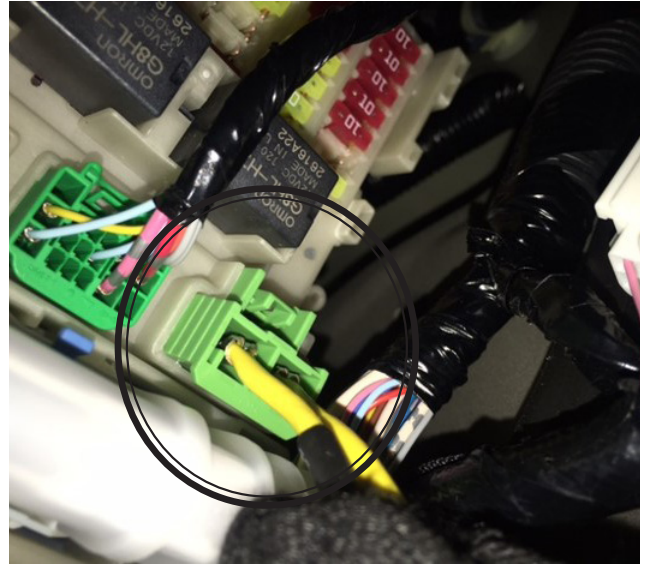
28. Reinstall all of the interior panels removed during the installation. Fully close the lift gate to initialize the system, and then function test to verify proper operation.

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.