# E-LOCK CREW,PASS,8 SI

***CATALOG NUMBER***

# TELB13

| Vehicle Model | Bed Length | Cab Size | Battery Location | Compatible Topper |
|---|---|---|---|---|
| Silverado HD | 8 | Crew | Passenger | Barn |

***PRODUCT FEATURES***

**Adrian Cap Electronic Lock Kit for the vehicle models listed above.**

- **This is a complete kit for installing electronic locks on all three Adrian Cap doors**
- **This kit uses Posi-Taps to pull the OEM latch signals — no soldering necessary**
- **This kit can be used in combination with Topper Interior Lighting without interference**


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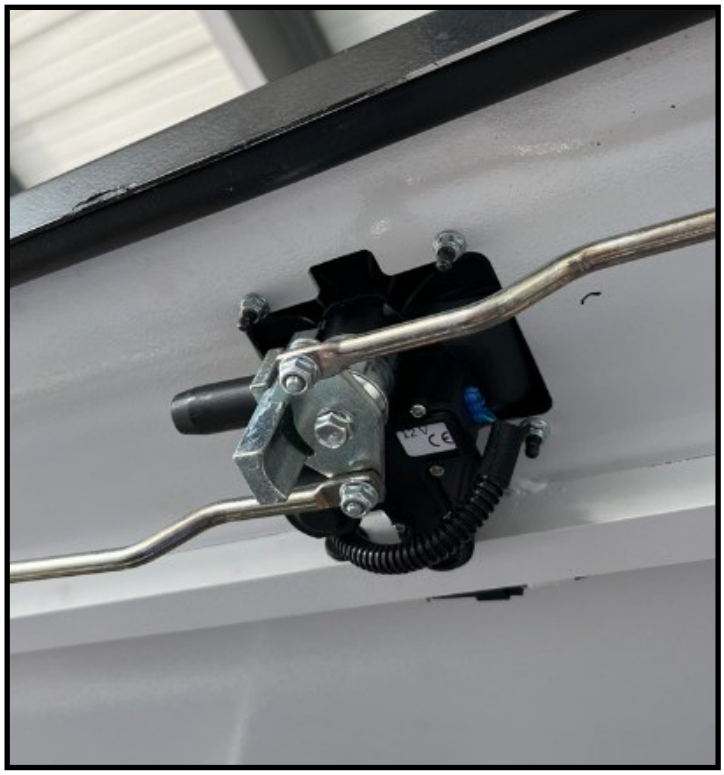
## Introduction / Comments:

Install Instructions For Adrian Cap Electronic Lock Kits For MY25 Vehicles

### Note:

Read all instructions prior to installation. Review the Adrian Steel **GENERAL PRECAUTIONS PAGES (56638**) before attempting installation. Only personnel familiar with using electrical best practices should perform this install. Reference **ELECTRICAL BEST PRACTICES MANUAL (54479)** before attempting installation.



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# Introduction Statement

****Please read statement below before moving forward****

**Before installation, disconnect the OEM negative battery cable.**

The TELH/B kits are divided by battery location in engine compartment, cab size, and bed length. The harnesses and routing is similar for all vehicles except for the lengths. These instructions are for the most standard configurations, and reference only. Please reference the vehicle being upfit and the spec sheet to confirm you have the correct kit.

These installation instructions are for most cases and for reference. Install instructions depend on the vehicle model and options. Please follow the labels to determine how to route each harness.

Chevy Silverado platforms are mirrored to the rest of the platforms, meaning the battery harness runs from the passenger side of the engine bay to the driver side foot well, the control harness is routed underneath the driver side, and the topper 3-split harness splits in the front driver side corner instead of the passenger side corner.

# Overall Harness Diagram

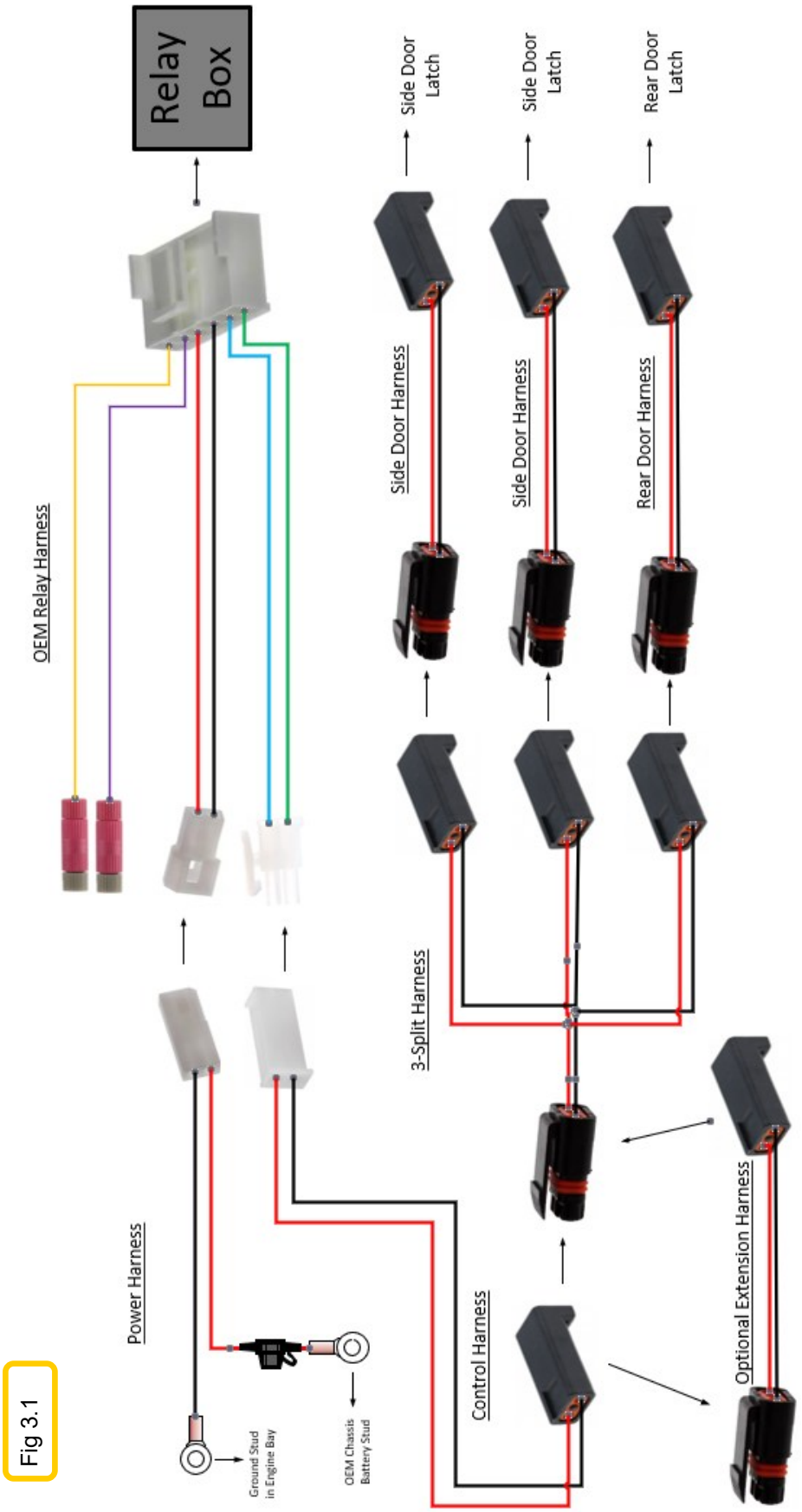



Fig 3.1

# Tools required

- 8mm, 10mm, 11mm, and 13mm sockets
- T20 Torx bit
- Phillips 2 bit
- 1” step drill bit or hole saw
- 5/8” drill bit
- Power Drill
- Impact Driver
- Torque wrench
- Fish tape
- Pick or Small Flat Head Screw Driver
- Deburring tool

*****TORQUE*****

**Torque E-Lock fasteners to 2.2 Nm.**

**DO NOT OVER TIGHTEN**

# Adrian Cap Electronic Lock Kit / Vehicle Chart - Hatch

**NOTE: Silverado ICE and Hybrid is routed mirrored to the rest of the vehicles**

| Kit | Vehicle Model | Bed Length | Cab Size | Battery Location |
|---|---|---|---|---|
| TELH01 | Ford Maverick | 4.5 | Crew | Driver |
| | Ford Ranger | 5 | Crew | Driver |
| | RAM 1500 (MY25+) | 5.6 (67") | Crew | Driver |
| | Silverado 1500 | 5.75 | Crew | Passenger |
| TELH02 | RAM 1500 (MY25+) | 6.3 | Crew | Driver |
| | RAM HD (MY25+) | 6.3 | Crew | Driver |
| | Silverado 1500 | 6.5 | Crew | Passenger |
| | Silverado HD | 6.75 | Crew | Passenger |
| TELH03 | RAM 1500 (MY25+) | 8 | Crew | Driver |
| | RAM HD (MY25+) | 8 | Crew | Driver |
| | Silverado HD | 8 | Crew | Passenger |
| TELH04 | Chevy Colorado | 5 | Crew | Passenger |
| | Ford F150 | 5.5 | Crew | Passenger |
| | Ford Lightning | 5.5 | Crew | Passenger |
| | Nissan Frontier | 5 | Crew | Passenger |
| TELH05 | Ford F150 | 6.5 | Crew | Passenger |
| | Ford SD | 6.75 | Crew | Passenger |
| | Nissan Frontier | 6 | Crew | Passenger |
| | Silverado EV | 5.9 (71") | Crew | Passenger |
| TELH06 | Ford SD | 8 | Crew | Passenger |
| TELH07 | Silverado 1500 | 6.5 | Regular | Passenger |
| TELH08 | RAM HD (MY 25+) | 8 | Regular | Driver |
| | Silverado 1500 | 8 | Regular | Passenger |
| | Silverado HD | 8 | Regular | Passenger |
| TELH09 | Ford F150 | 6.5 | Regular | Passenger |
| TELH10 | Ford F150 | 8 | Regular | Passenger |
| | Ford SD | 8 | Regular | Passenger |

# Adrian Cap Electronic Lock Kit / Vehicle Chart - Barn Door

**NOTE: Silverado ICE and Hybrid is routed mirrored to the rest of the vehicles**

| Kit | Vehicle Model | Bed Length | Cab Size | Battery Location |
|---|---|---|---|---|
| TELB01 | Ford Maverick | 4.5 | Crew | Driver |
| | Ford Ranger | 5 | Crew | Driver |
| | RAM 1500 (MY25+) | 5.6 (67") | Crew | Driver |
| TELB02 | RAM 1500 (MY25+) | 6.3 | Crew | Driver |
| | RAM HD (MY25+) | 6.3 | Crew | Driver |
| TELB03 | RAM 1500 (MY25+) | 8 | Crew | Driver |
| | RAM HD (MY25+) | 8 | Crew | Driver |
| TELB04 | Chevy Colorado | 5 | Crew | Passenger |
| | Ford F150 | 5.5 | Crew | Passenger |
| | Ford Lightning | 5.5 | Crew | Passenger |
| | Nissan Frontier | 5 | Crew | Passenger |
| TELB05 | Ford F150 | 6.5 | Crew | Passenger |
| | Ford SD | 6.75 | Crew | Passenger |
| | Nissan Frontier | 6 | Crew | Passenger |
| | Silverado EV | 5.9 (71") | Crew | Passenger |
| TELB06 | Ford SD | 8 | Crew | Passenger |
| TELB07 | Silverado 1500 | 6.5 | Regular | Passenger |
| TELB08 | RAM HD (MY 25+) | 8 | Regular | Driver |
| TELB09 | Ford F150 | 6.5 | Regular | Passenger |
| TELB10 | Ford F150 | 8 | Regular | Passenger |
| | Ford SD | 8 | Regular | Passenger |
| TELB11 | Silverado 1500 | 5.75 | Crew | Passenger |
| TELB12 | Silverado 1500 | 6.5 | Crew | Passenger |
| | Silverado HD | 6.75 | Crew | Passenger |
| TELB13 | Silverado HD | 8 | Crew | Passenger |
| TELB14 | Silverado 1500 | 8 | Regular | Passenger |
| | Silverado HD | 8 | Regular | Passenger |

# Adrian Cap Electronic Lock Kit / Vehicle Chart - Barn Door

**NOTE: Silverado ICE and Hybrid is routed mirrored to the rest of the vehicles**

| Kit | Vehicle Model | Bed Length | Cab Size | Battery Location |
|---|---|---|---|---|
| TELB01 | Ford Maverick | 4.5 | Crew | Driver |
| TELB04 | Ford F150 | 5.5 | Crew | Passenger |
| TELB05 | Ford F150 | 6.5 | Crew | Passenger |
| TELB07 | Silverado 1500 | 6.5 | Regular | Passenger |
| TELB09 | Ford F150 | 6.5 | Regular | Passenger |
| TELB10 | Ford F150 | 8 | Regular | Passenger |
| TELB11 | Silverado 1500 | 5.75 | Crew | Passenger |
| TELB12 | Silverado 1500 | 6.5 | Crew | Passenger |
| TELB14 | Silverado 1500 | 8 | Regular | Passenger |

# TELH Kit Harnesses

| Kit | 74342 | 74343 | 74344 | 74345 | 74346 | 74347 | 74348 | 74340 x3 | 74341 | 74349 x2 | 74350 | 74533 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TELH01 | X | | X | | | | X | X | X | X | X | X |
| TELH02 | X | | X | | | X | | X | X | X | X | X |
| TELH03 | X | | X | | X | | | X | X | X | X | X |
| TELH04 | | X | X | | | | X | X | X | X | X | X |
| TELH05 | | X | X | | | X | | X | X | X | X | X |
| TELH06 | | X | X | | X | | | X | X | X | X | X |
| TELH07 | X | | | X | | X | | X | X | X | X | X |
| TELH08 | X | | | X | X | | | X | X | X | X | X |
| TELH09 | | X | | X | | X | | X | X | X | X | X |
| TELH10 | | X | | X | X | | | X | X | X | X | X |

# TELB Kit Harnesses

| Kit | 74340 x3 | 74341 | 74342 | 74343 | 74344 | 74345 | 74346 | 74347 | 74348 | 74349 x2 | 74350 | 74533 | 77195 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TELB01 | X | X | X | | X | | | | X | X | X | X | |
| TELB02 | X | X | X | | X | | | X | | X | X | X | |
| TELB03 | X | X | X | | X | | X | | | X | X | X | |
| TELB04 | X | X | | X | X | | | | X | X | X | X | |
| TELB05 | X | X | | X | X | | | X | | X | X | X | |
| TELB06 | X | X | | X | X | | X | | | X | X | X | |
| TELB07 | X | X | X | | | X | | X | | X | X | X | X |
| TELB08 | X | X | X | | | X | X | | | X | X | X | |
| TELB09 | X | X | | X | | X | | X | | X | X | X | |
| TELB10 | X | X | | X | | X | X | | | X | X | X | |
| TELB11 | X | X | X | | X | | | | X | X | X | X | X |
| TELB12 | X | X | X | | X | | | X | | X | X | X | X |
| TELB13 | X | X | X | | X | | X | | | X | X | X | X |
| TELB14 | X | X | X | | | X | X | | | X | X | X | X |

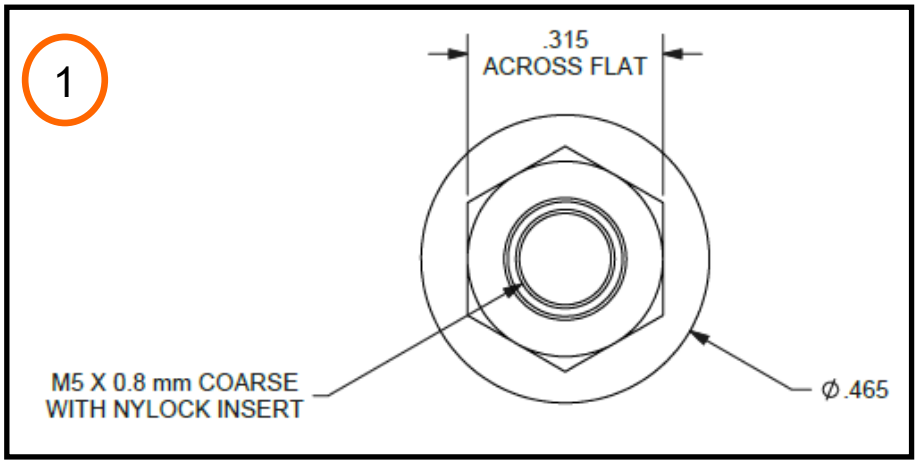
# Components

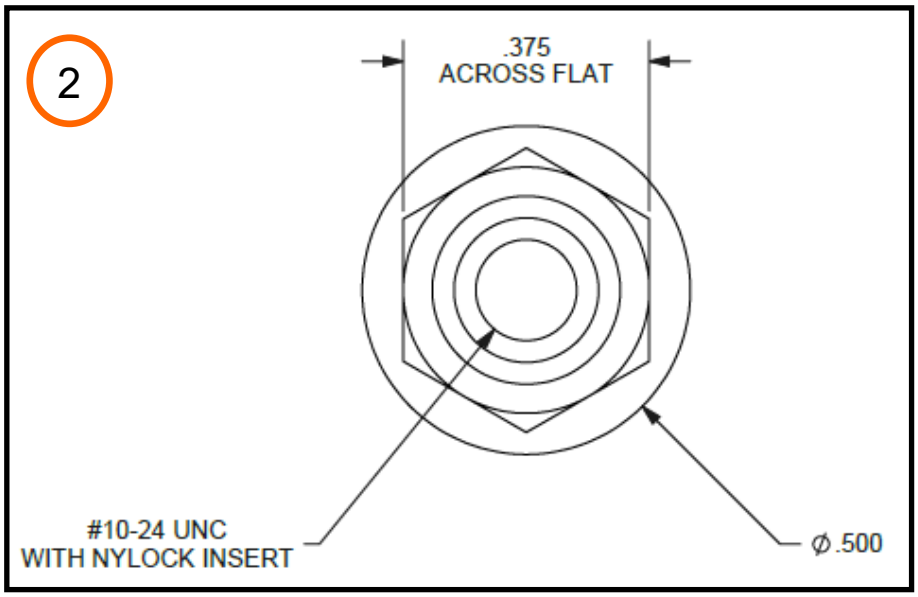
| | Part # | Description |
|---|---|---|
| 1 | 74340 | ALLEGIS T-HANDLE E-LATCH |
| 2 | 74341 | E-LATCH OEM RELAY HARNESS |
| 3 | 74342 | E-LOCK PWR - DRIVER HARN |
| 4 | 74343 | E-LOCK PWR - PASS HARN |
| 5 | 74344 | E-LOCK CONTROL-CREW HARN |
| 6 | 74345 | E-LOCK CONTROL-REG HARN |
| 7 | 74346 | E-LOCK TPPR 3SPLT 8' HARN |
| 8 | 74347 | E-LOCK TPPR 3SPLT 6.75' |
| 9 | 74348 | E-LOCK TPPR 3SPLT 5.75' |
| 10 | 74349 | E-LOCK TPPR SIDE DOR HARN |
| 11 | 74350 | E-LOCK TPPR REAR DOR HARN |
| 12 | 74533 | DUAL SPDT RELAY MODULE |
| 13 | 80768 | ROLL UP DOOR E-LOCK HARN |

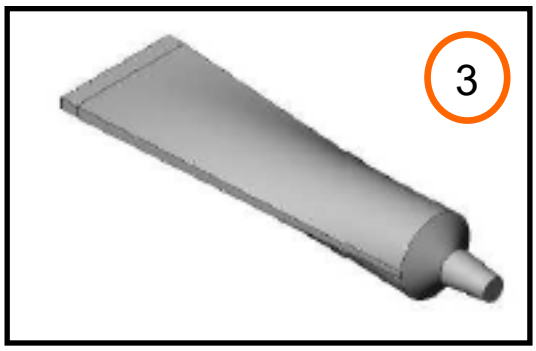
**Harness pictures are for reference only.**
Please reference the vehicle being upfit and pg. 4 to confirm which components are required for the install.

# Fastener Bag Parts

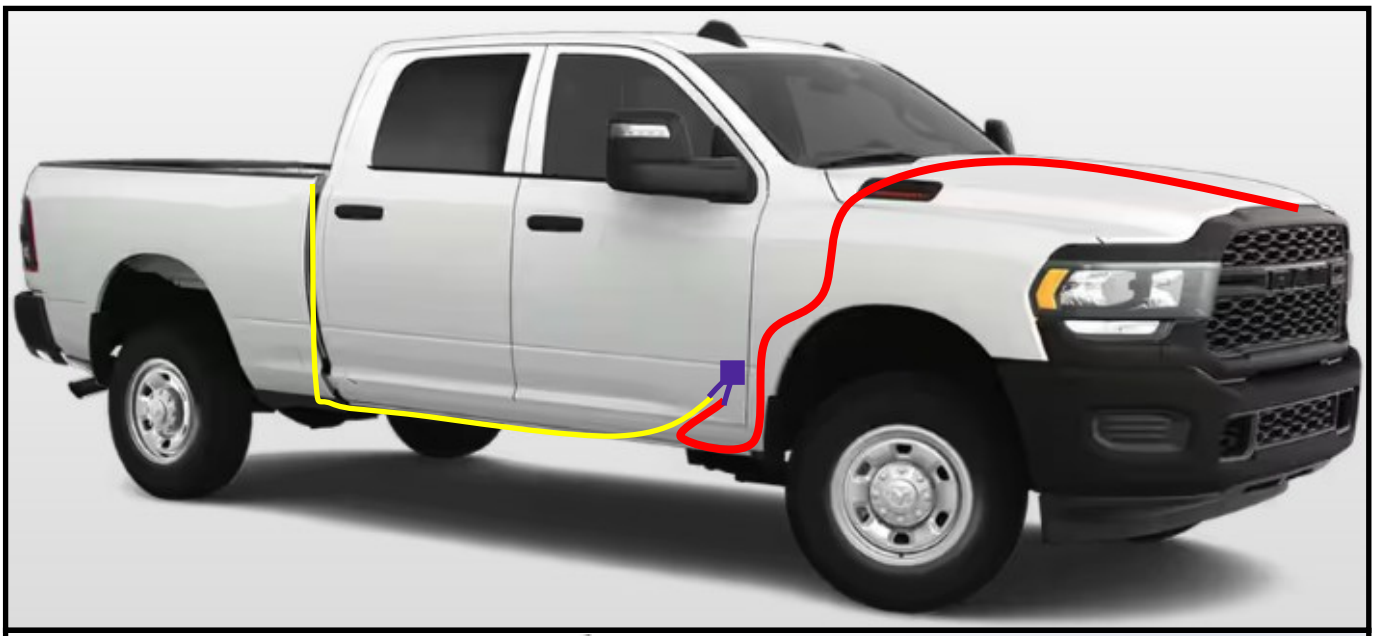
| QTY | Part # | Description |
|---|---|---|
| 12 | FAS0917 | NUT,HEX NLK FLG M5 X 0.8 ZP |
| 6 | FAS0918 | NUT,HEX NLK FLG 10-24 ZP |
| 1 | 26618-0 | Silicone Sealant |

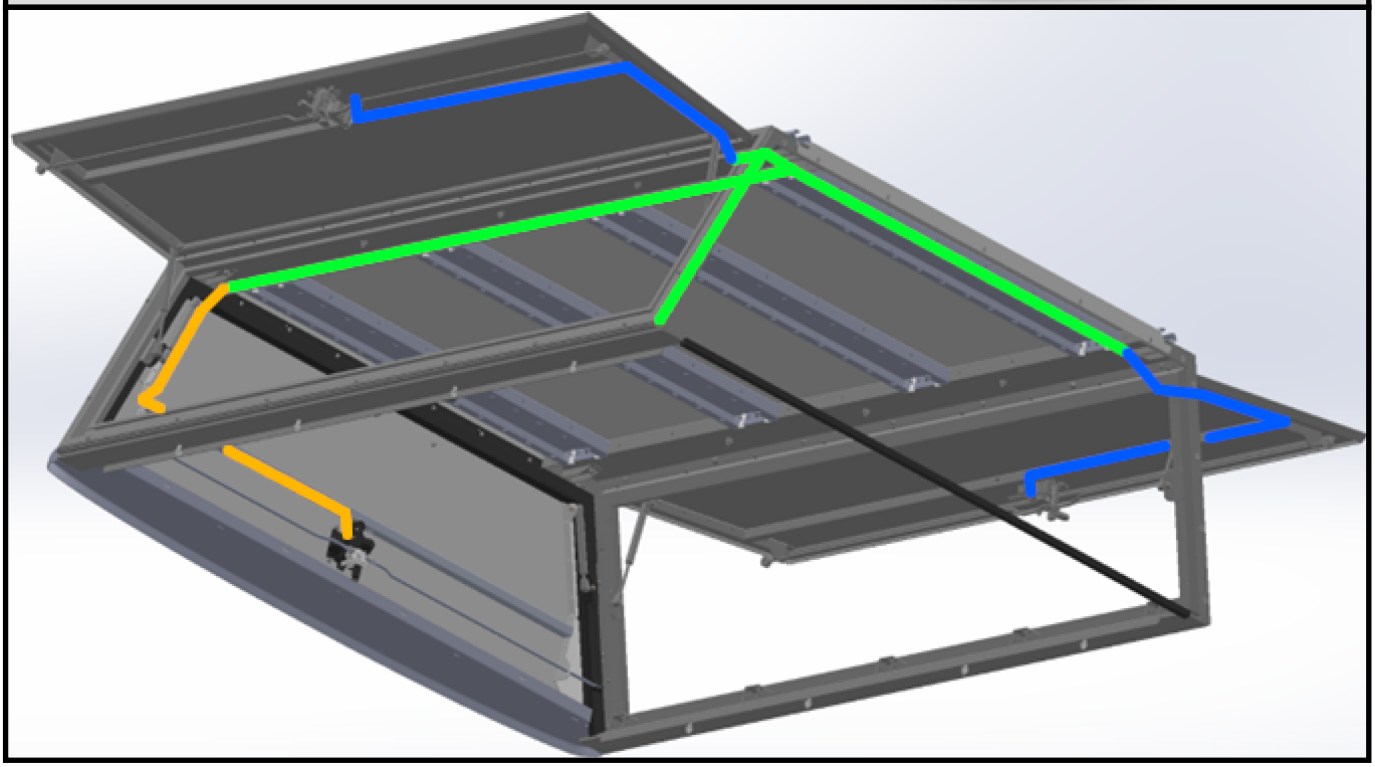


# Routing Overview

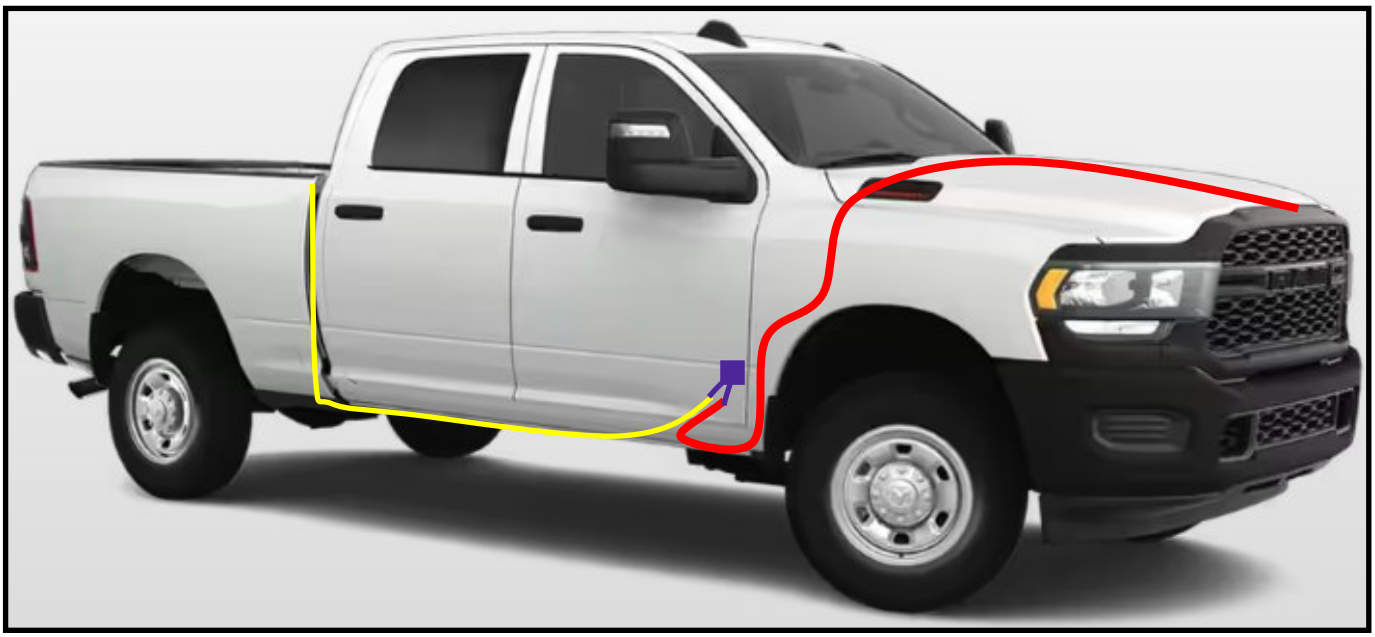


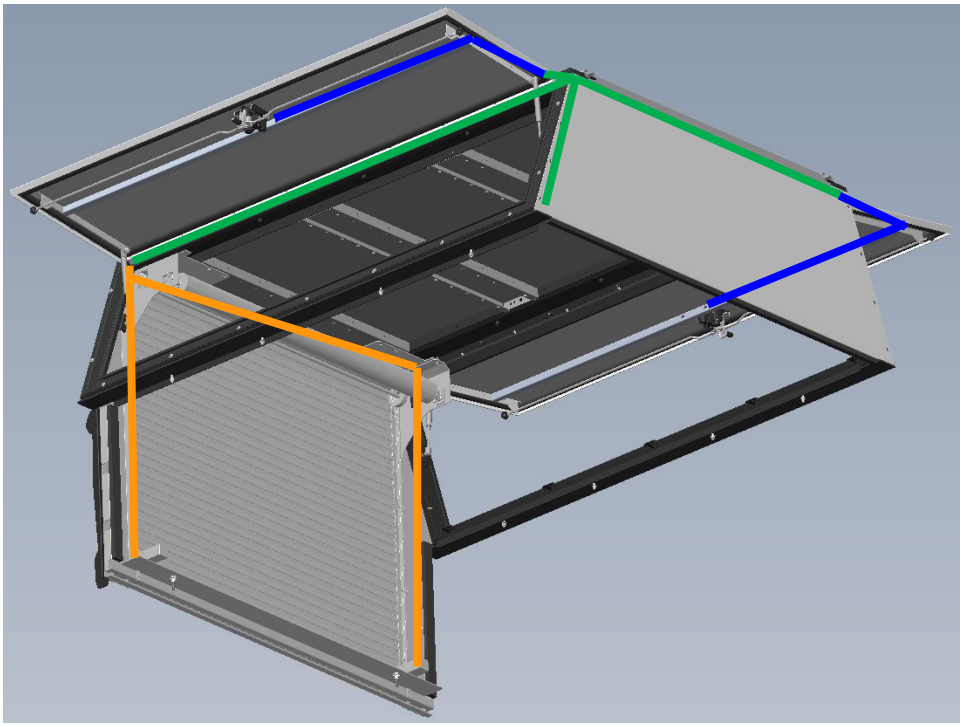


2024 RAM 2500 with Crew Cab and 6.75’ Bed shown. All installs route along the same path except for Silverado ICE and Hybrid which is mirrored.

| | |
|---|---|
| RED | 74342 E-LOCK PWR - DRIVER HARN (Driver Side Position Shown) |
| PURPLE | 74341 E-LATCH OEM RELAY HARNESS (located in the front passenger foot well) |
| YELLOW | 74344 E-LOCK CONTROL-CREW HARN |
| GREEN | 74347 E-LOCK TPPR 3SPLT 6.75' |
| BLUE | 74349 E-LOCK TPPR SIDE DOR HARN |
| ORANGE | 74350 E-LOCK TPPR REAR DOR HARN |

# Routing Overview Roll-up Door Topper ONLY

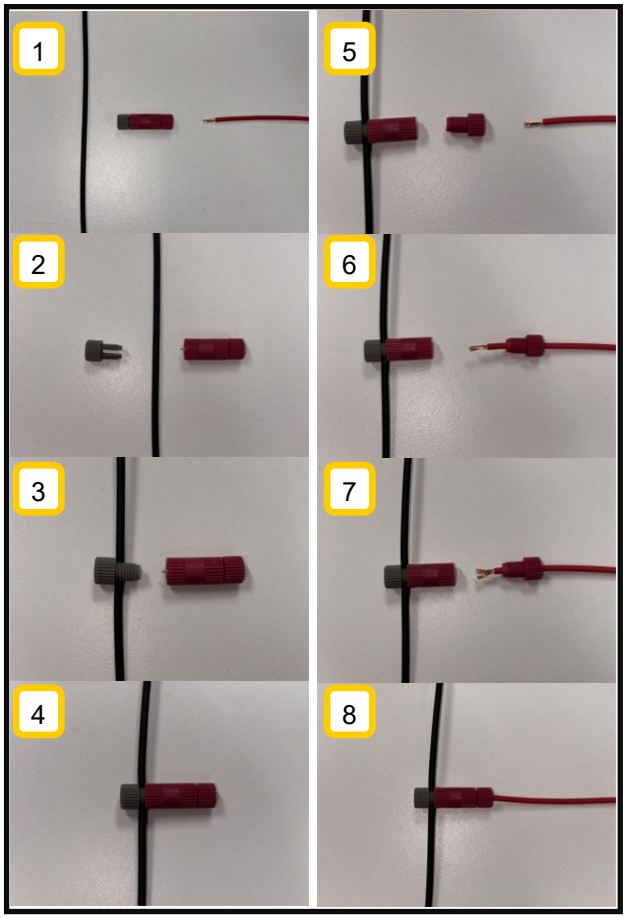




| | |
|---|---|
| RED | 74342 E-LOCK PWR - DRIVER HARN (Driver Side Position Shown) |
| PURPLE | 74341 E-LATCH OEM RELAY HARNESS (located in the front passenger foot well) |
| YELLOW | 74344 E-LOCK CONTROL-CREW HARN |
| GREEN | 74347 E-LOCK TPPR 3SPLT 6.75' |
| BLUE | 74349 E-LOCK TPPR SIDE DOOR HARN |
| ORANGE | 80768 E-LOCK ROLL-UP DOOR REAR HARN |

# Platform Specific Posi-Tap Installation Instructions

REMOVE BATTERY NEGATIVE CONNECTION before unplugging connectors from the BCM. Failure to do so may cause error codes to be thrown on the dash that will require an OBD2 tool to clear.




**Posi-tap Install instructions:**

Remove the gray cap on the Posi-Tap

Push the OEM signal wire into the slot on the gray cap.

Twist the Posi-Tap onto the gray cap with the OEM wire secured in between the two.

The pin point on the Posi-Tap will puncture the OEM wire and obtain the signal.

Remove the red cap on the Posi-Tap and place over the tapping wire with the threads facing towards the end of the wire.

Spread out the copper strands of the tapping wire into a cone-like shape, and insert the strands into the Posi-Tap

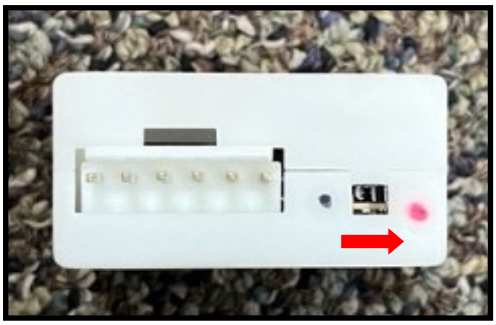
Twist the cap back onto the Posi-Tap with the tapping wire secured. Be sure of secure connection.

**Note:**

In the case all 3 E-Locks are triggering opposite of the OEM locks, start troubleshooting by swapping the tapping wires on the two Posi-Taps and test again.

**Relay Module:**

Make sure the toggle switch on the relay module is in the position away from the 6 pin connector.



# Platform Specific Posi-Tap Installation Instructions

## Ford F-150 & Superduty

**1.** Ensure the battery negative is disconnected before removing any connectors from the BCM.

**2.** In the front passenger footwell, remove the kick plate and other trim panels around the BCM under the dash.

**3.** Locate BCM connector C2280C (J3) and disconnect it from the BCM. (Fig 12.1 & 12.2)

**4.** CAREFULLY cut away the tape wrapped around the OEM wires. (Fig 12.3)

**5.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 12.4)

**F150**
**74341 Yellow -> OEM Yellow / Grey Stripe**
**74341 Purple -> OEM Gray / Brown Stripe**

**Superduty (F250+)**
**74341 Yellow -> OEM Yellow**
**74341 Purple -> OEM Gray**

**6.** Retape the harness around the Posi-Taps to secure the wires as intended by the OEM and plug the connector back into the BCM.

**7.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**8.** Secure the harness and relay module to the OEM harnesses. (Fig 12.5)

**NOTE:** The photos on this page may not reflect the accurate wire colors. Follow the colors listed above.

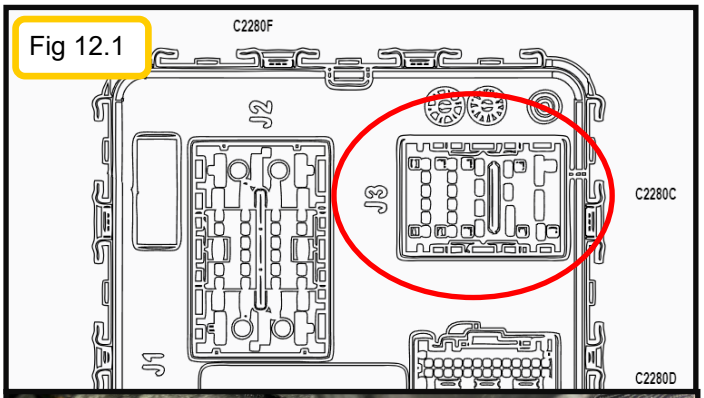


Fig 12.1

Fig 12.2

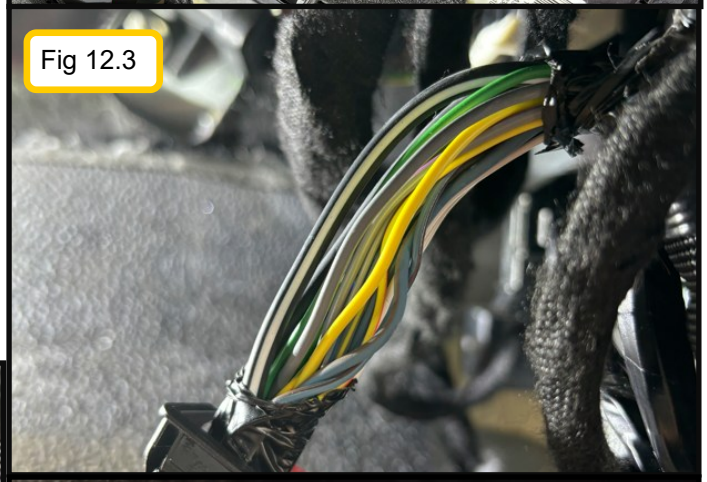


Fig 12.3

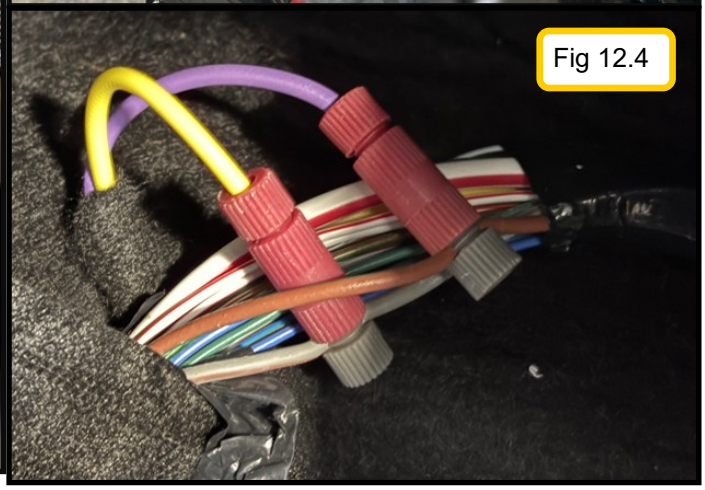


Fig 12.4

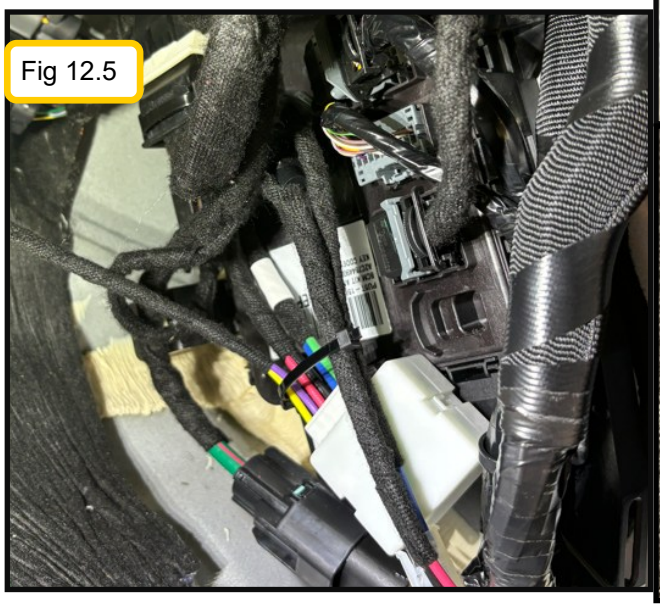


Fig 12.5

# Platform Specific Posi-Tap Installation Instructions

## Ford Lightning

**1.** Ensure the battery negative is disconnected before removing any connectors from the BCM.

**2.** In the front passenger footwell, remove the kick plate and other trim panels around the BCM under the dash.

**3.** Locate BCM connector C2280C and disconnect it from the BCM. (Fig 13.1)

**4.** CAREFULLY cut away the tape wrapped around the OEM wires. (Fig 13.2)

**5.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 13.3)

**Lightning**
**74341 Yellow -> OEM Brown / Green Stripe**
**74341 Purple -> OEM Gray / Brown Stripe**

**6.** Retape the harness around the Posi-Taps to secure the wires as intended by the OEM and plug the connector back into the BCM.

**7.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**8.** Secure the harness and relay module to the OEM harnesses.

**NOTE:** The photos on this page may not reflect the accurate wire colors. Follow the colors listed above.

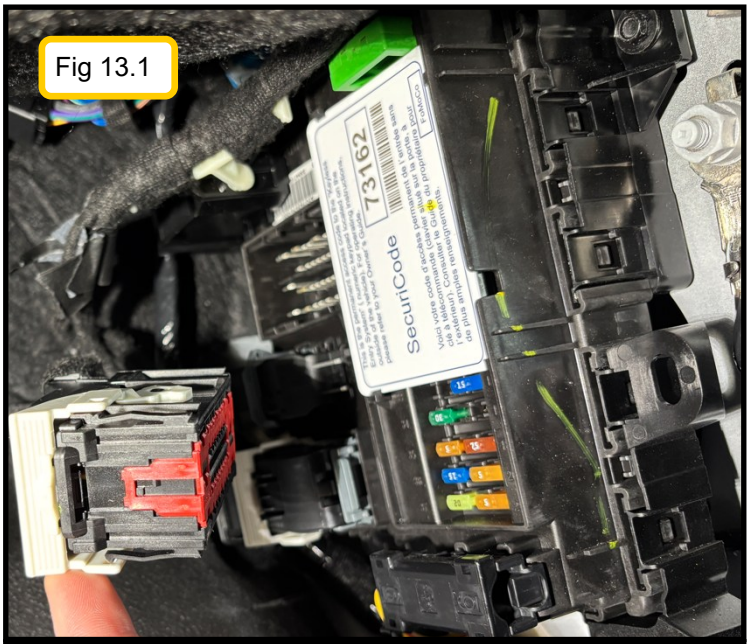


Fig 13.1

Fig 13.2

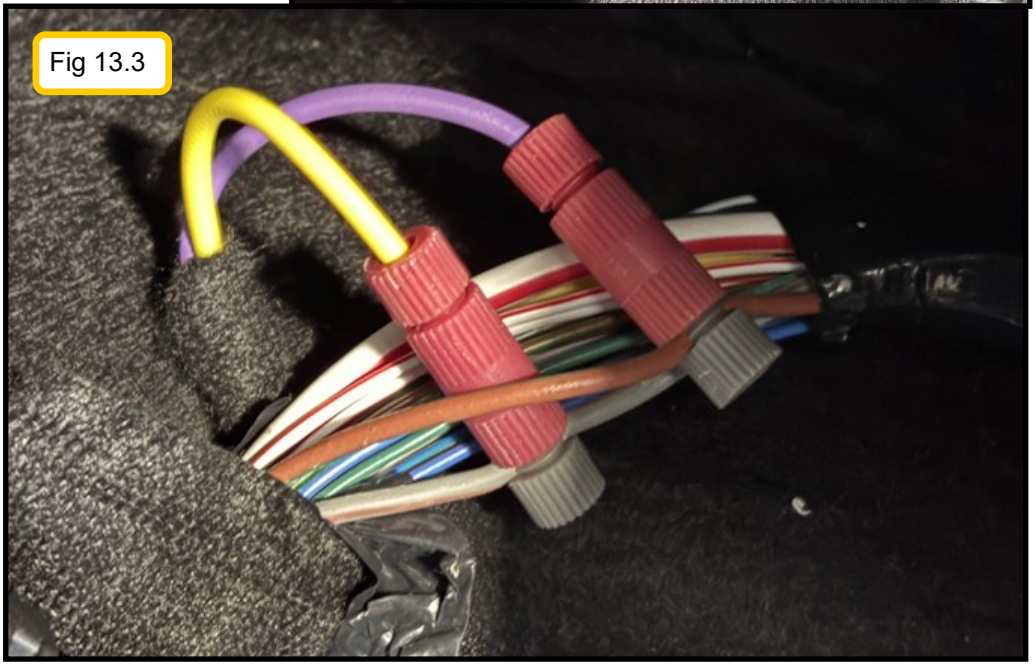


Fig 13.3

# Platform Specific Posi-Tap Installation Instructions

## Ford Maverick

**1.** Ensure the battery negative is disconnected before removing any connectors from the BCM.

**2.** In the front passenger footwell, remove the kick plate and other trim panels around the BCM under the dash.

**3.** Locate BCM connector C2280F and disconnect it from the BCM. (Fig 14.1)

**4.** CAREFULLY cut away the tape wrapped around the OEM wires.

**5.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 14.2)

**Maverick ICE & Hybrid**
**74341 Yellow -> OEM Brown / Green Stripe**
**74341 Purple -> OEM Gray / Brown Stripe**

**6.** Retape the harness around the Posi-Taps to secure the wires as intended by the OEM and plug the connector back into the BCM.

**7.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**8.** Secure the harness and relay module to the OEM harnesses.

**NOTE:** The photos on this page may not reflect the accurate wire colors. Follow the colors listed above.

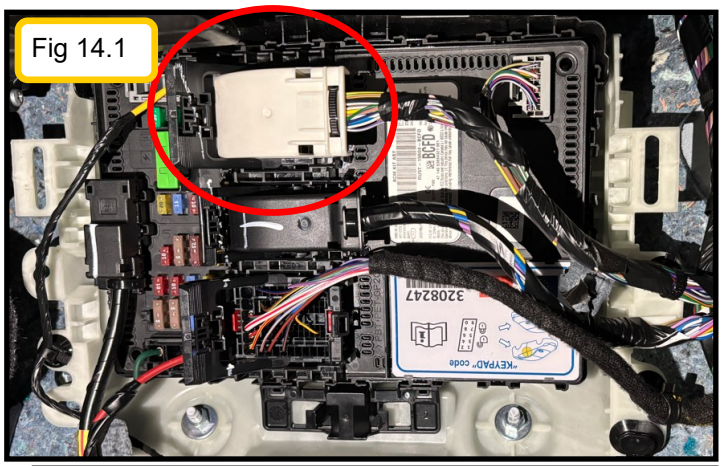


Fig 14.1

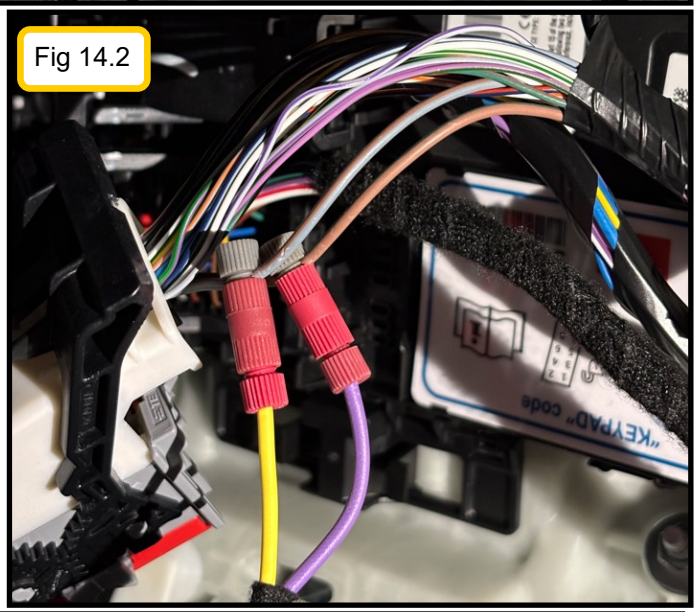


Fig 14.2

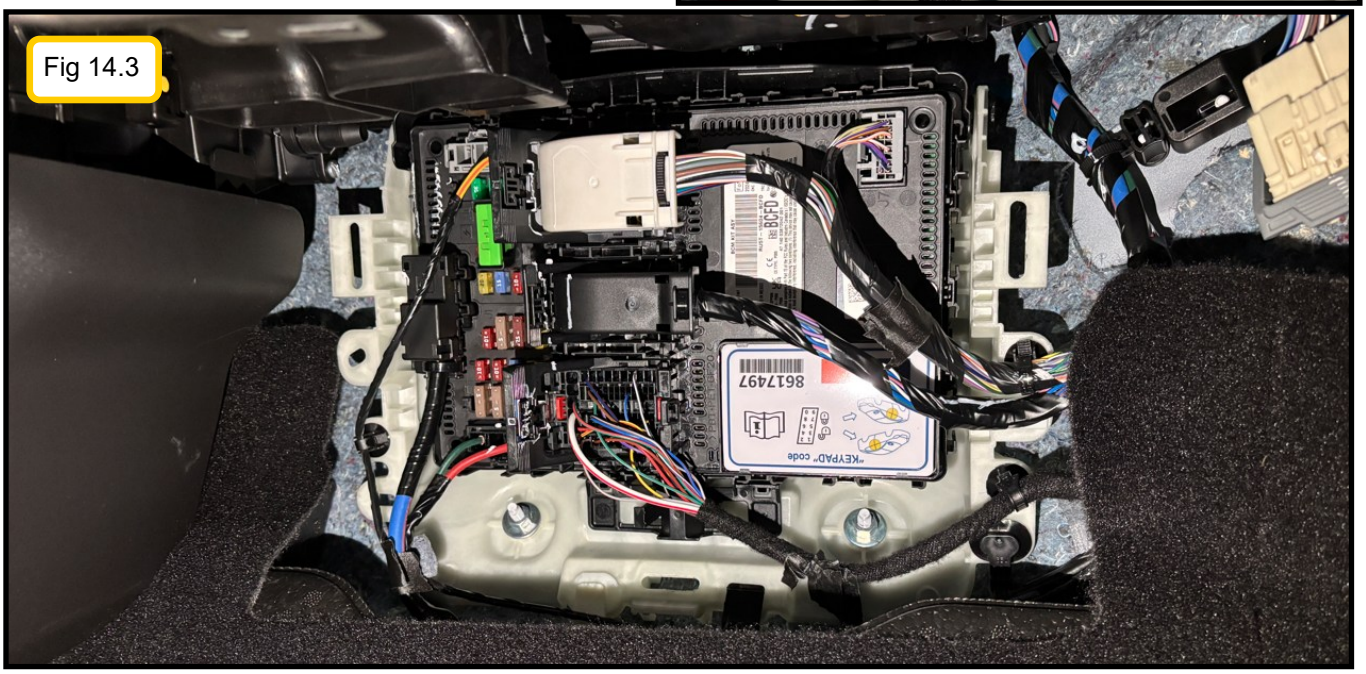


Fig 14.3

# Platform Specific Posi-Tap Installation Instructions

## Ford Ranger

**1.** Ensure the battery negative is disconnected before removing any connectors from the BCM.

**2.** In the front passenger footwell, remove the kick plate and other trim panels.

**3.** Locate the fabric tape wrapped harness coming from the black connector that passes through the vehicle wall into the door. (fig 15.2)

**4.** CAREFULLY cut away the tape wrapped around the OEM wires. (Fig 15.3)

**5.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 15.4)

**Ranger**
**74341 Yellow -> OEM Brown / Green Stripe**
**74341 Purple -> OEM Gray / Brown Stripe**

**6.** Retape the harness around the Posi-Taps to secure the wires as intended by the OEM and plug the connector back into the BCM.

**7.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**8.** Secure the harness and relay module to the OEM harnesses.

**NOTE:** The photos on this page may not reflect the accurate wire colors. Follow the colors listed above.

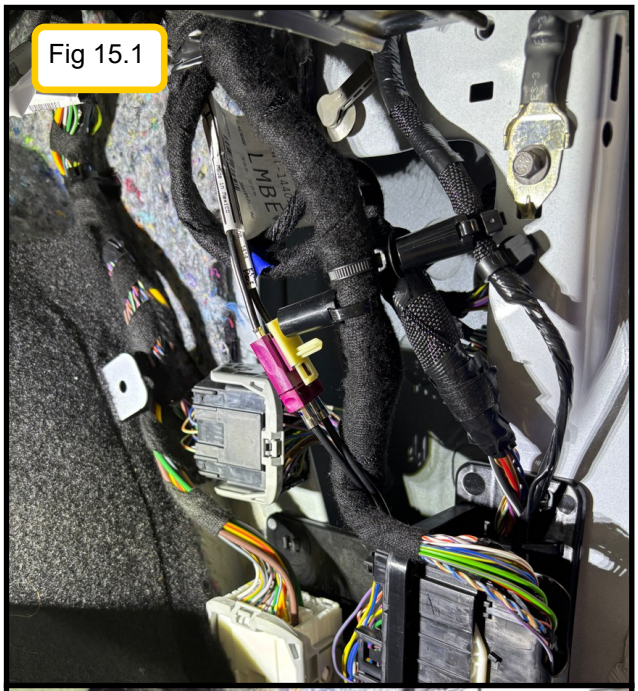


Fig 15.1

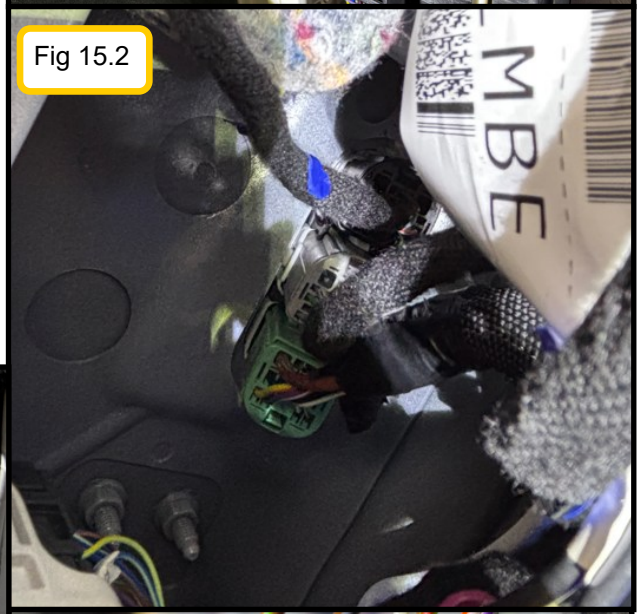


Fig 15.2

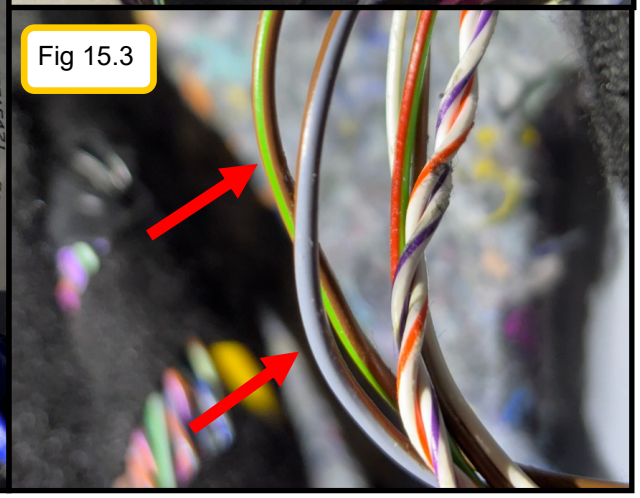


Fig 15.3

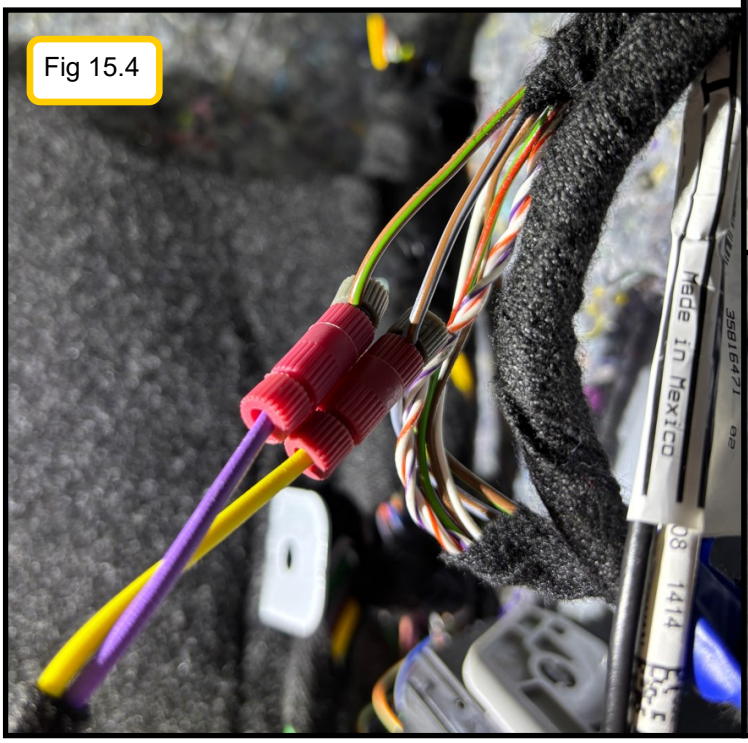


Fig 15.4

# Platform Specific Posi-Tap Installation Instructions

**RAM 1500 & HD (MY25+)**

**1.** Ensure the battery negative is disconnected before removing any connectors from the BCM.

**2.** In the front passenger footwell, remove the kick plate and other trim panels under the dash.

**3.** Locate the OEM harness wrapped in glossy black tape on the side wall of the vehicle. (Fig 16.1)

**4.** CAREFULLY cut away the tape wrapped around the wires and locate the purple with green stripe wire and the green with gray stripe wire. (Fig 16.2)

**5.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 16.3)

**RAM**
**74341 Yellow -> OEM Beige W/ White Stripe**
**74341 Purple -> OEM Green W/ Violet Stripe**

**6.** Retape the harness around the Posi-Taps to secure the wires as intended by the OEM and plug the connector back into the BCM.

**7.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**8.** Secure the harness and relay module to the OEM harnesses.

**NOTE:** The photos on this page may not reflect the accurate wire colors. Follow the colors listed above.

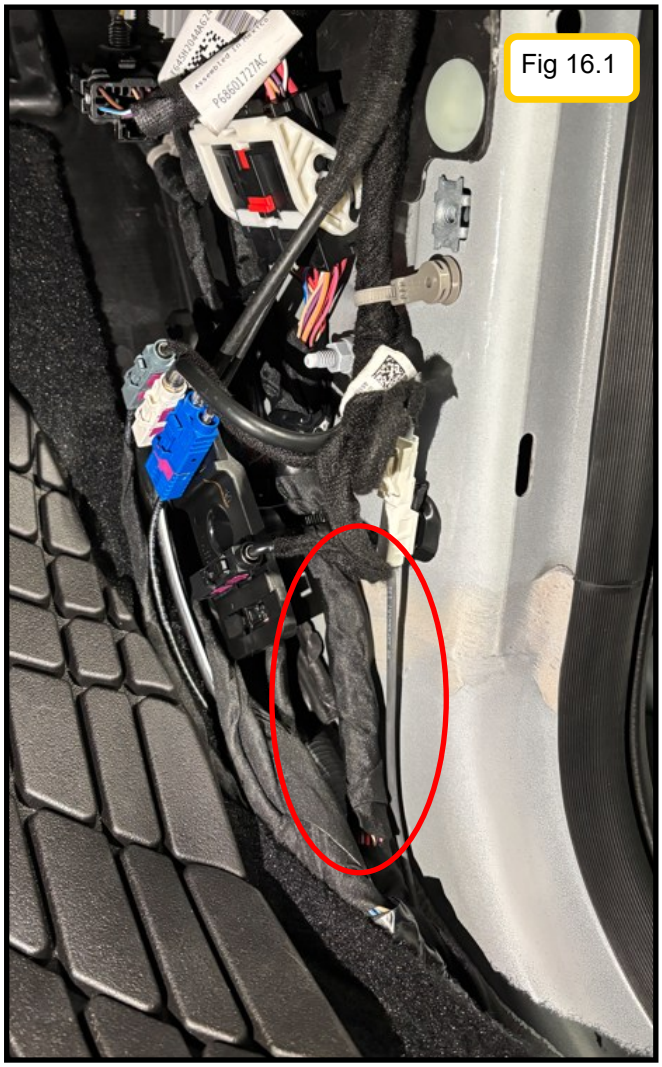


Fig 16.1

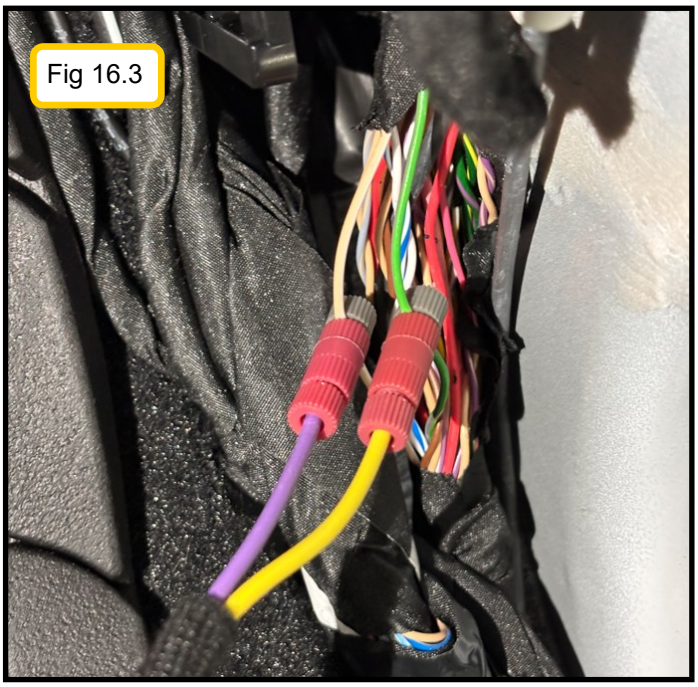


Fig 16.3

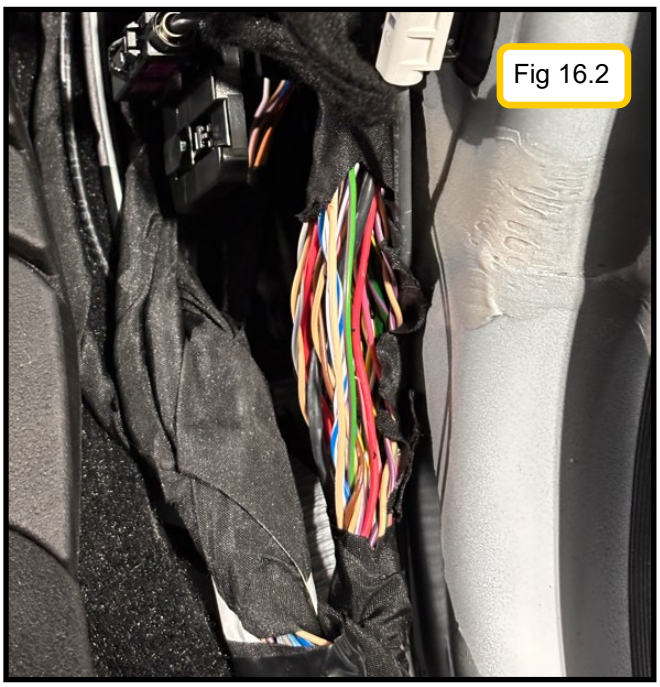


Fig 16.2

# Platform Specific Posi-Tap Installation Instructions

## Chevy Colorado

**1.** Ensure the battery negative is disconnected before removing any connectors from the BCM.

**2.** In the front passenger footwell, remove the kick plate and other trim panels.

**3.** Locate the Tesa tape wrapped harness that leads to the door connector. It will be leading behind the fuse block into the cavity.

**4.** CAREFULLY cut away the tape wrapped around the OEM wires. (Fig 17.1)

**5.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 17.2)

**Colorado**
**74341 Yellow -> OEM Gray / Black Stripe**
**74341 Purple -> OEM Yellow / Green Stripe**

**6.** Retape the harness around the Posi-Taps to secure the wires as intended by the OEM.

**7.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**8.** Secure the harness and relay module to the OEM harnesses using the included zip ties.

**NOTE:** The photos on this page may not reflect the accurate wire colors. Follow the colors listed above.

Fig 17.1

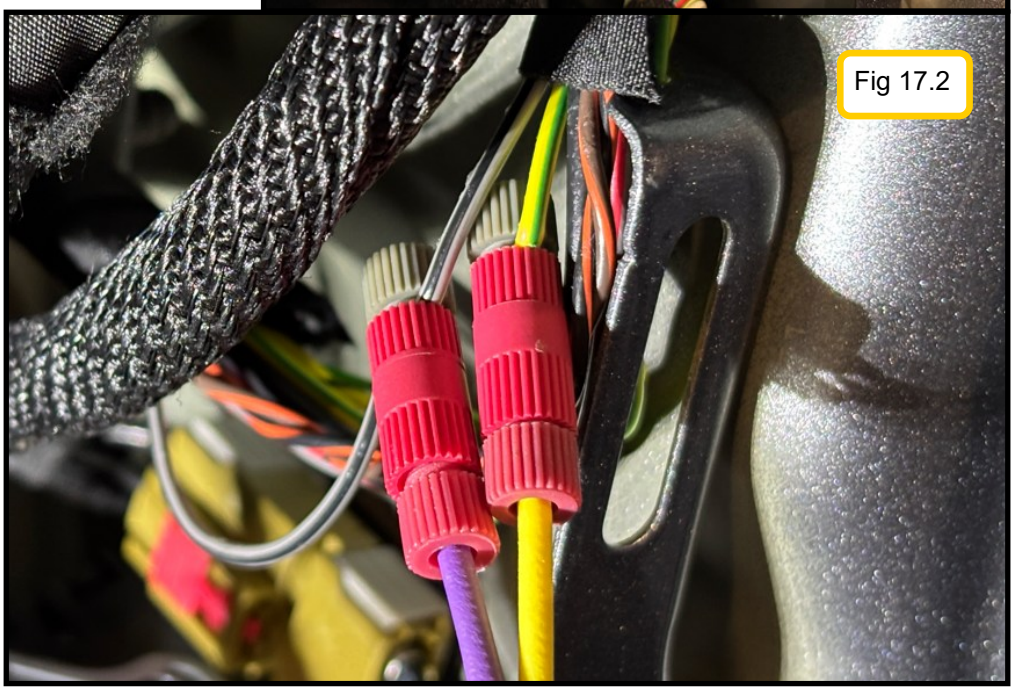


Fig 17.2

# Platform Specific Posi-Tap Installation Instructions

**Chevy Silverado ICE and Hybrid 1500-3500**

**1.** Ensure the battery negative is disconnected before removing any connectors from the BCM.

**2.** Silverado is different from all other platforms. The BCM is located behind the driver's side knee bolster. From underneath, there are two rows of colorful connectors. The one closest to driver's side wall of the vehicle is the BCM.

**3.** Disconnect connectors x8 (grey), and x6 (tan) by pulling the small tab down, and pressing the release in. (fig 18.1 & 18.2)

**4.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 18.3)

**Silverado**
**74341 Yellow -> OEM X6 Gray / Black Stripe**
**74341 Purple -> OEM X8 Yellow / Green Stripe**

**6.** Plug the connectors back into the BCM.

**7.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**8.** Secure the harness and relay module to the OEM harnesses.

**NOTE:** The photos on this page may not reflect the accurate wire colors. Follow the colors listed above.

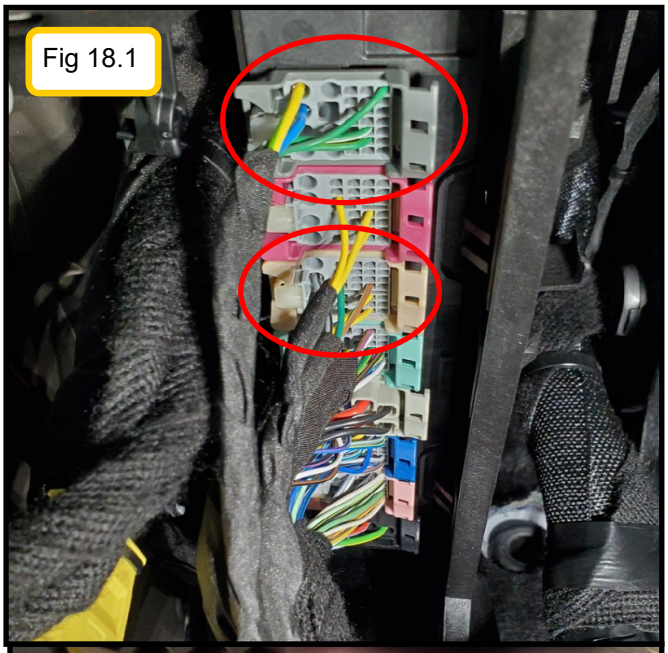


Fig 18.1

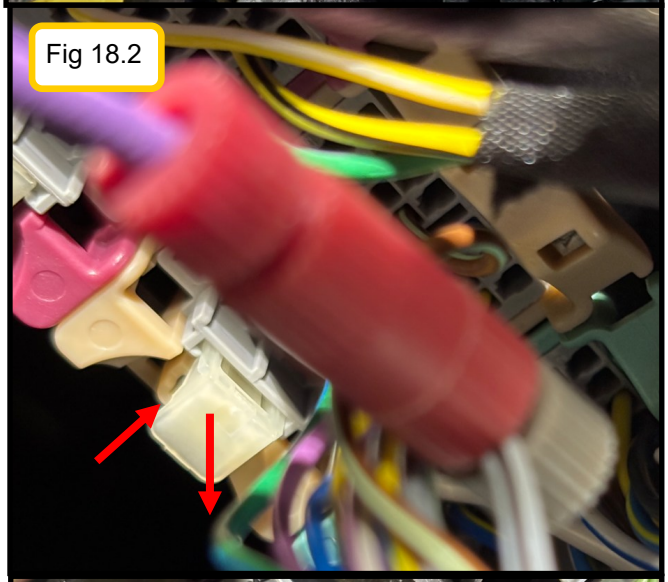


Fig 18.2

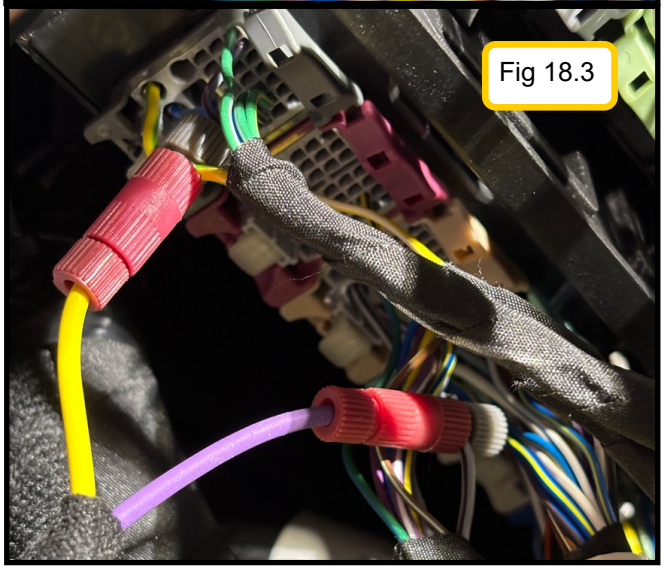


Fig 18.3

# Platform Specific Posi-Tap Installation Instructions

## Chevy Silverado EV

**1.** Remove the lower trim panel and pull back the flooring to reveal the OEM body wire harness. (Fig 19.1)

**2.** CAREFULLY cut away the tape wrapping around the harness. (Fig 19.2)

**3.** Locate the grey with black stripe and yellow with green stripe wires in this bundle. (Fig 19.3)

**4.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 19.3)

**Silverado EV**
**74341 Yellow -> Gray / Black Stripe**
**74341 Purple -> Yellow / Green Stripe**

**7.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**8.** Secure the harness and relay module to the OEM harnesses.

**NOTE:** The photos on this page may not reflect the accurate wire colors. Follow the colors listed above.

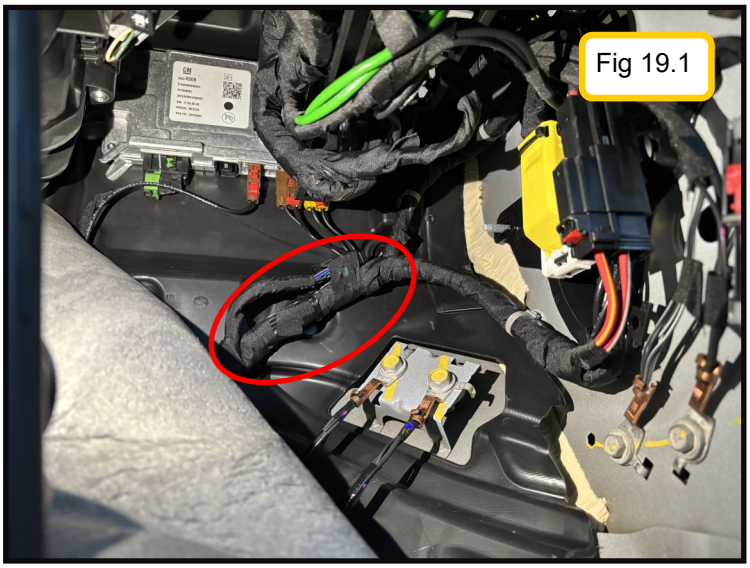


Fig 19.1

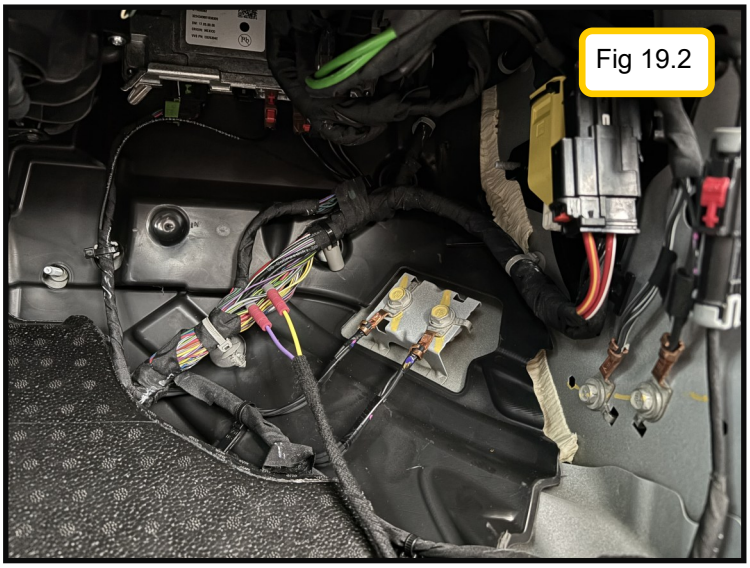


Fig 19.2

Fig 19.3

# Platform Specific Posi-Tap Installation Instructions

## Nissan Frontier

**1.** Ensure the battery negative is disconnected before removing any connectors.

**2.** In the front passenger footwell, remove the kick plate and other trim panels.

**3.** Locate connector M36 and unplug it. (Fig 20.1)

**4.** Remove the connector cover by pulling the cover away from the tabs (blue circles in fig 20.2)

**5.** Locate the pink and yellow wires in positions 55 and 56 in the connector (red circle in fig 20.2)

**6.** Install the Posi-Taps following the instructions on page 11 using harness 74341 tapping wires. (Fig 20.3)

**<u>Frontier</u>**
**74341 Yellow -> OEM Pink**
**74341 Purple -> OEM Yellow**

**7.** Fasten the cover back on the connector and plug in the connector. (fig 20.4)

**8.** Plug the 74533 Relay Module into the 74341 harness 6-pin connector.

**9.** Secure the harness and relay module to the OEM harnesses.

Fig 20.1

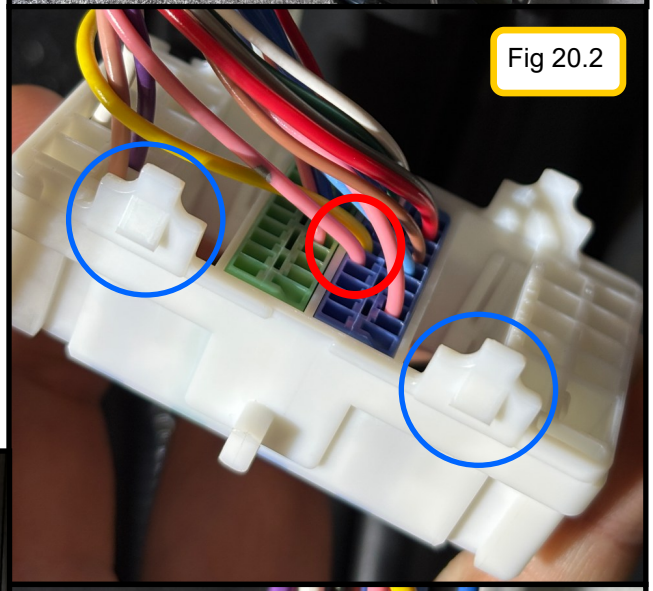


Fig 20.2

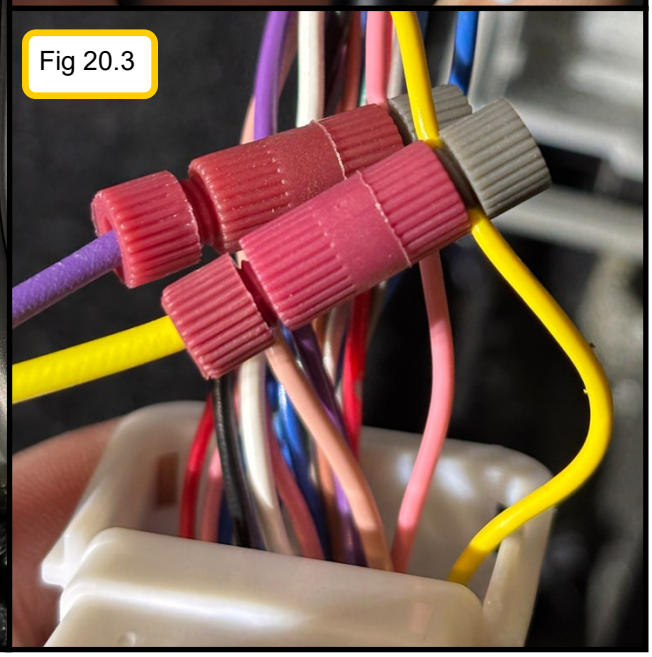


Fig 20.3

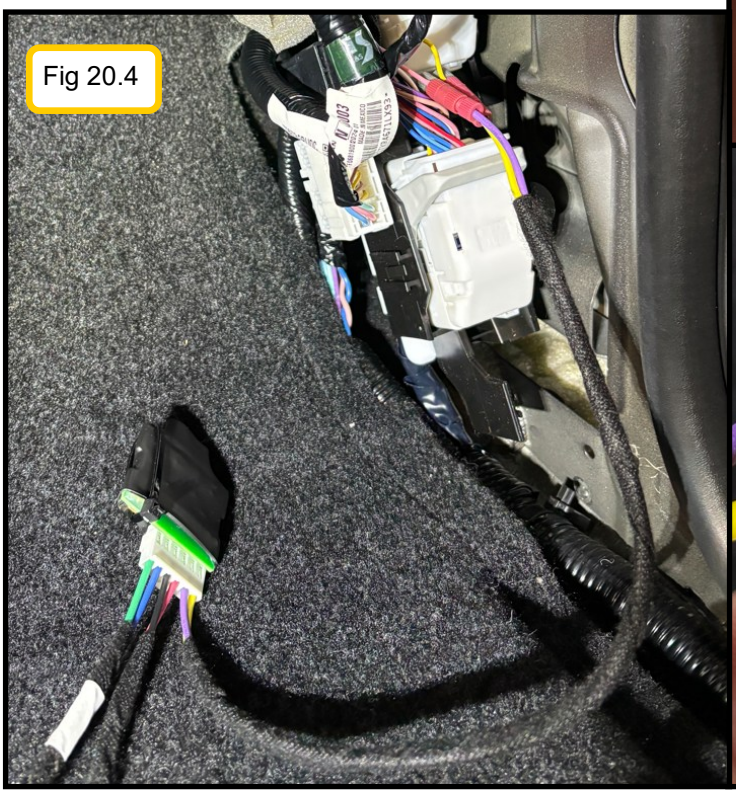


Fig 20.4

# Battery Harness Install Instructions

Figure 21.1

**Option 1: Passenger-Side Battery**

**Step 1:**
Locate 74343 E-LOCK PWR - PASS HARN

Remove the fuse from the inline fuse holder until the end of the install.

Locate the OEM battery terminals under the hood. In some cases, the negative terminal is not available and a nearby ground stud will be used instead.

**Step 2:**
Attach the red wire with the ring terminal to the battery positive post or a post of proper size in the power distribution block.

Attach the black wire with the ring terminal to either the negative terminal of the battery, or a nearby ground stud on the chassis of the vehicle.

**WARNING: DO NOT USE THE BATTERY CLAMP NUTS TO SECURE HARNESS**

Torque the battery terminals to 8 Nm.

**Step 3:**
Route the power harness over to the rear passenger-side corner of the engine bay, and secure the power harness to OEM harnessing to strain relief the terminals.

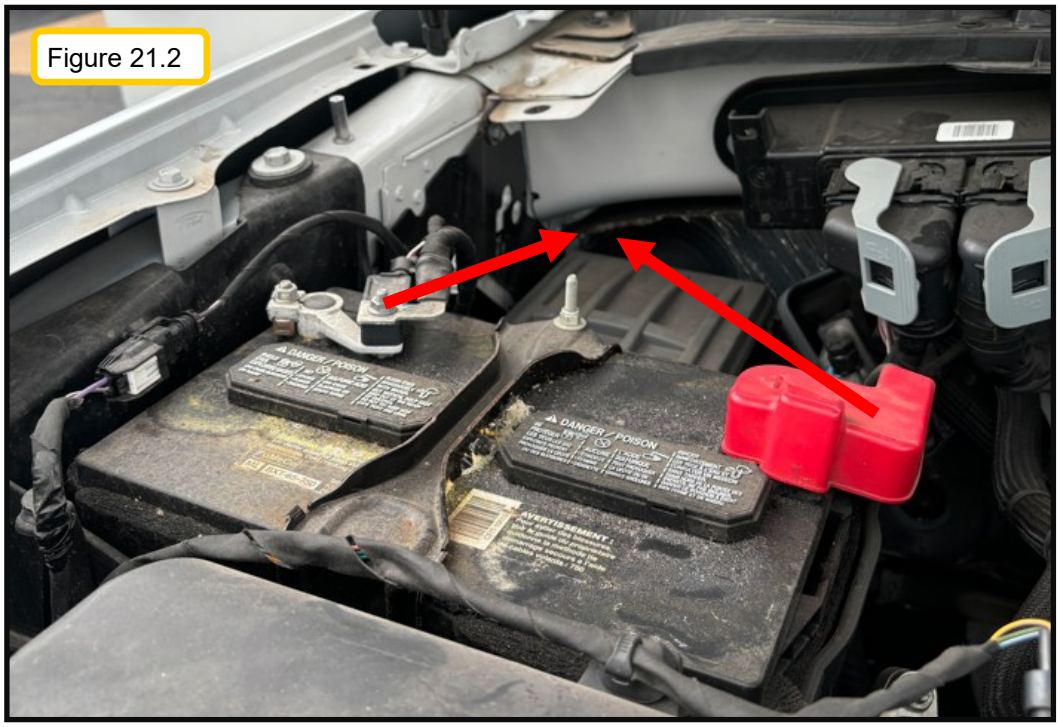


Figure 21.2

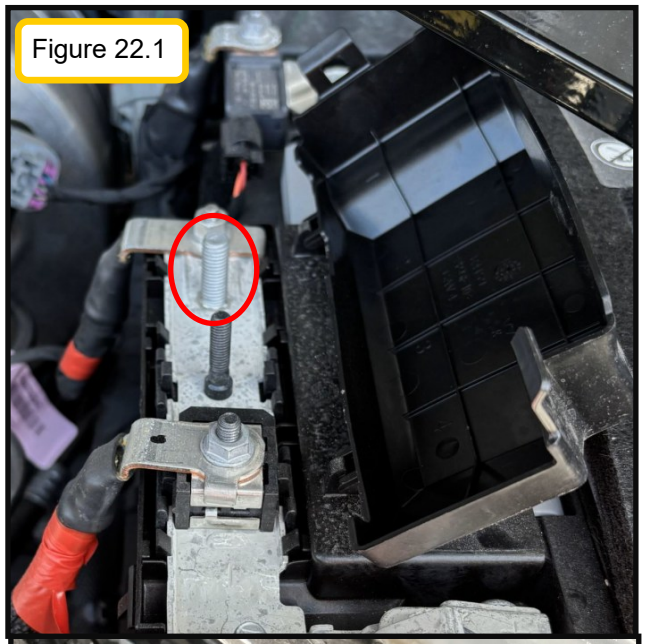


Figure 22.1

Figure 22.2

**Option 2: Driver-Side or Centered Battery Silverado Passenger-Side Battery**

**Step 4:**
Locate 74342 E-LOCK PWR - DRIVER HARN

Remove the fuse from the inline fuse holder until the end of the install.

Locate the OEM battery terminals under the hood. In some cases, the negative terminal is not available and a nearby ground stud will be used instead.

**Step 5:**
Attach the red wire with the ring terminal to the battery positive post or a post of proper size in the power distribution block.

Attach the black wire with the ring terminal to either the negative terminal of the battery, or a nearby ground stud on the chassis of the vehicle if the negative battery terminal is not available.

**WARNING: DO NOT USE THE BATTERY CLAMP NUTs TO SECURE HARNESS**

Torque the battery terminals to 8 Nm.

**Step 6:**
Route the power harness over to the passenger side of the vehicle, securing to nearby OEM harnessing whenever possible along the liner below the front windshield.

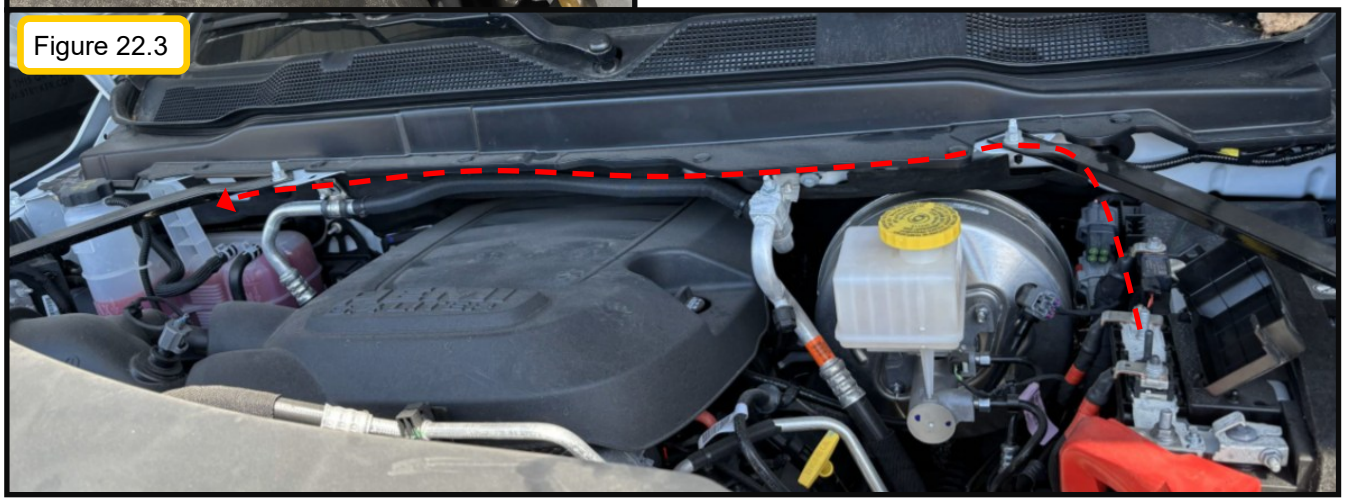


Figure 22.3

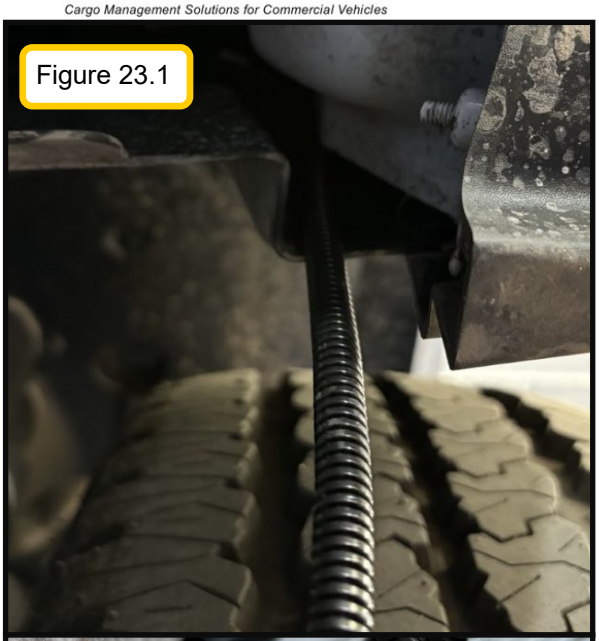


Figure 23.1

Figure 23.2

**Step 7:**
Route the harness down and around the front passenger-side wheel well so that it emerges under the front passenger footwell floor. (fig 23.1)

**Step 8:**
With the trim panels removed from installing the Posi-Taps and Relay Module, lift the carpeting and locate the OEM rubber or plastic grommet in the floor of the front passenger footwell. (fig 23.2)

If the OEM grommet is rubber, cut two 3/4” slits.

If the OEM grommet is plastic, drill a 3/4” hole in the grommet.

If an OEM grommet is not available, drill a 1” hole in a flat section of the floor as close to the Posi-Tap location as possible. (fig 23.3)

Insert the grommet included with the 74341 harness into the hole to prevent damage to the harnesses. (fig 23.4)

**Step 9:**
Route the power harness up through the grommet. (fig 23.2)

Figure 23.3

Figure 23.4

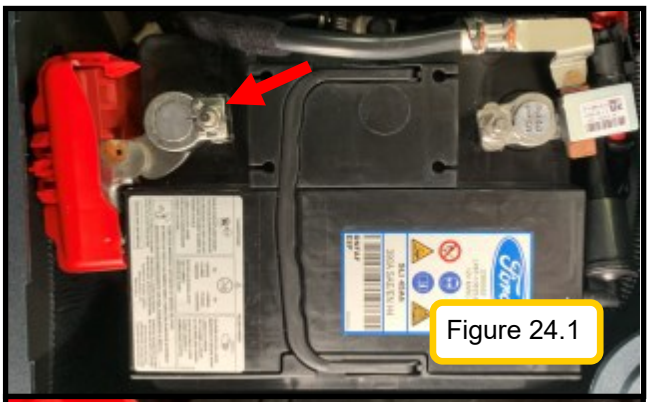


Figure 24.1

Figure 24.2

Figure 24.3

**Maverick Hybrid Specific Routing Steps**

**Step 10:**
Locate 74343 E-LOCK PWR - PASSENGER HARN

Remove the fuse from the inline fuse holder until the end of the install.

Locate the OEM battery under the rear seat.

**Step 11:**
Remove the positive terminal with the bus bar from the battery by loosening the clamp fastener. (Fig 24.1)

**Step 12:**
Attach the positive wire (with the in-line fuse) to the bus bar. (Fig 24.2)

**Step 13:**
Attach the negative wire with the ring terminal to the ground stud next to the battery. (Fig 24.3)

**WARNING: DO NOT USE THE BATTERY CLAMP NUTs TO SECURE HARNESS**

**Step 14:**
Reinstall the battery positive terminal.

Torque the battery clamp fastener to 5.2Nm, the bus bar locknut to 10Nm, and the ground fastener to 35Nm.

**Step 15:**
Route the power harness under the trim and kick panels to the front passenger foot well where the Relay Module 74533 is connected to the BCM harness.

## Chevy Silverado EV Specific Routing Steps

**Step 16.**
When routing the battery harness down the footwell behind the liner, pass it through the space between the outer body panel and the chassis. (Fig 25.1)

Figure 25.1

**Step 17.**
Locate the small circular grommet a few inches above the lower passenger door hinge. Remove that grommet, cut a hole in it, and feed the battery harness through the hole and grommet into the passenger foot well. Reinstall the grommet and use silicone to seal the hole. (Fig 25.2)

Figure 25.2

# Body Harness Install Instructions

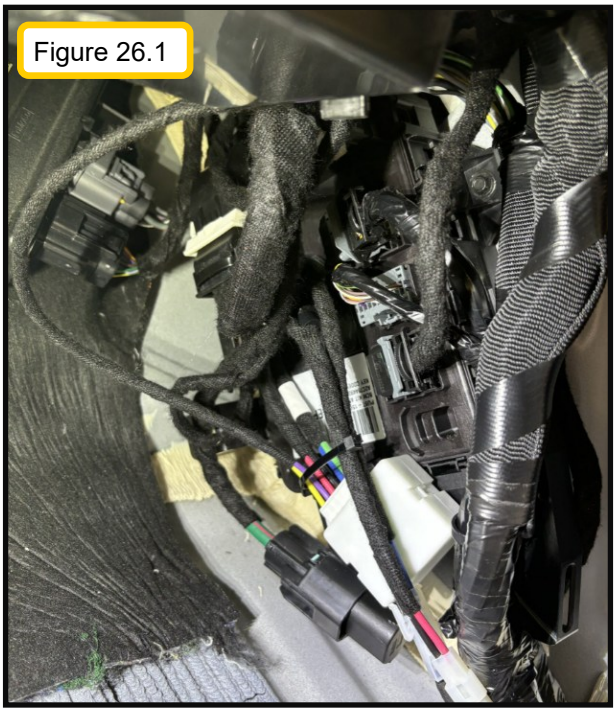


Figure 26.1

**Step 1:**
Plug the power harness (74342 or 74343) into its mating connector on the OEM Relay
Harness 74341, and plug the control harness (74344 or 74345) into its mating connector on the OEM Relay Harness 74341. See Figure 3.1 for reference.

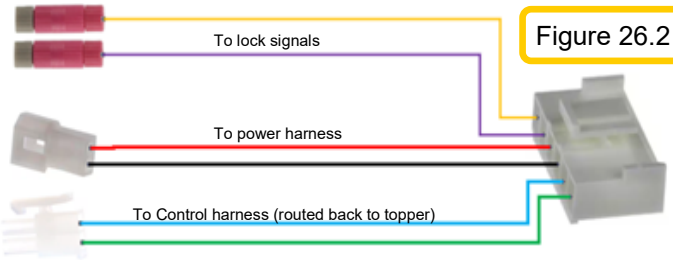


Figure 26.2

Tuck the Relay Module and attached harnessing behind the wires under the dash. Use zip ties to secure the Relay Module and connectors to the OEM harnesses at least 10cm above the floor of the vehicle.

**Step 2:**
Route the E-lock control harness back under where the passenger kick plate will be, then down the same grommet that the power harness came up. (Fig 26.3 and 26.4) (this will be the only harness on Maverick HYB.

**Step 3:**
Secure the harnesses to OEM harnesses with zip ties and seal the grommet gaps with silicone.

Figure 26.3

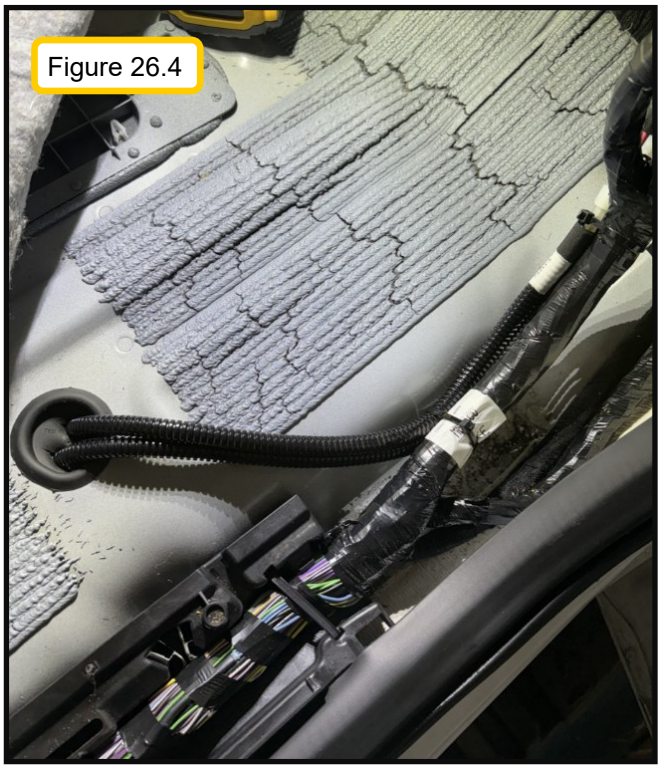


Figure 26.4

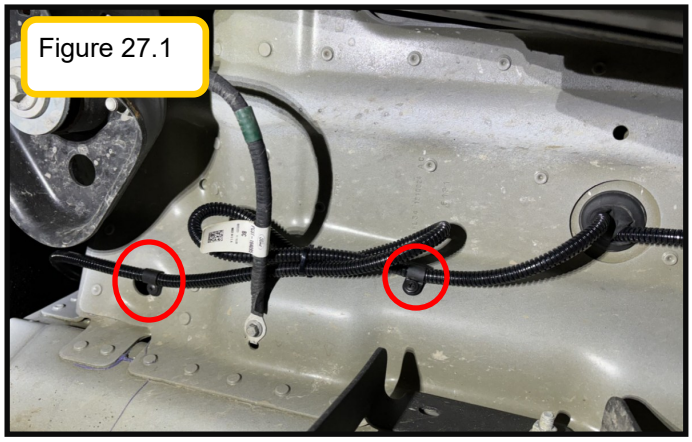


Figure 27.1

**Step 9:**
Using the P-clips and self tapping screws provided in the power harness bag, secure the excess power harness under the vehicle as shown. Use a zip tie to tie up the excess so it does not hang down.

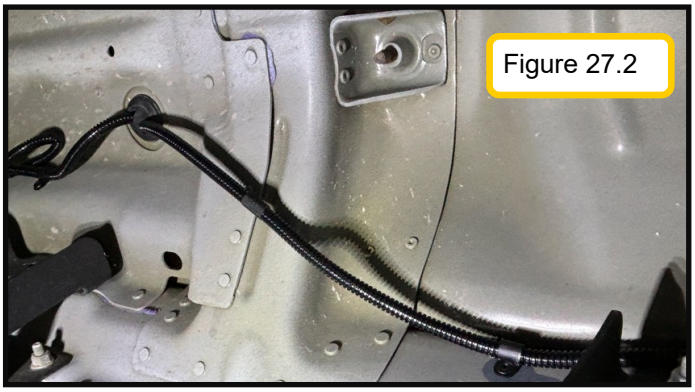


Figure 27.2

**Step 10:**
Route the control harness along the length of the cab towards the bed. Use the P-clips and self tapping screws provided in the control harness bag to secure the harness as shown. Continue backwards until reaching the gap between the cab and bed of the vehicle. (fig 27.2 and 27.3)

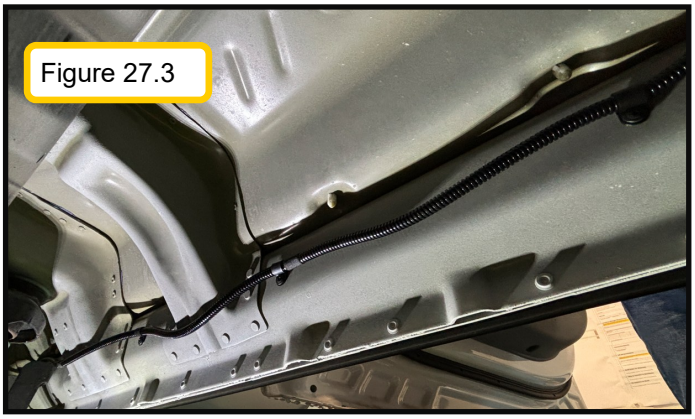


Figure 27.3

**Step 11:**
In the front passenger-side corner of the bed, locate the OEM hole (there may be a grommet) and feed the fish tape down through the side wall of the bed.
Locate the end of the fish tape below the vehicle as shown in Fig 27.4 and tape the end of the control harness to the fish tape. Pull the harness up through the side wall of the bed and out the OEM hole as shown in Fig 27.6.

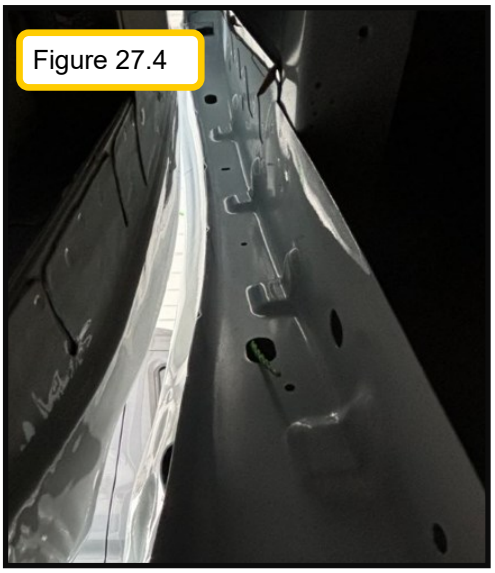


Figure 27.4

Figure 27.5

Figure 27.6

## Chevy Silverado EV Specific Routing Steps

**Step 12.**
Route the body harness along the passenger side kick panels to behind the back seat. There you will find a grommet with an OEM harness running into it.

**Step 13.**
Unscrew the felt coverings in the passenger footwell. Locate the other end of the grommet protruding out of the cab. Unwrap the end of the grommet shown in Fig 28.3 and push the harness through the grommet from the cab side.

**Step 14.**
Use fish tape to route the harness up through the OEM hole shown in Fig 28.4

Figure 28.1

Figure 28.2

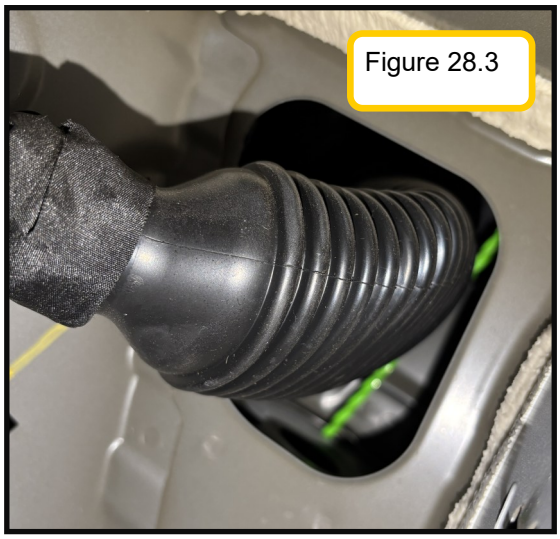


Figure 28.3

Figure 28.4

# Adrian Cap Harness Install Instructions

**1.** Grab the 3-Split Harness (74346, 74347, or 74348) included in this kit. (Green in Figure 29.2)

**2.** Plug the 3-split section of harness into the control harness, and continue routing up the topper. Use the stud mount zip ties to secure the control harness to the screw threads inside the topper frame.

**3.** Once at the top, the harness will split three ways. (red line shows the part before the harness splits). (Fig 29.1)

**4.** The shortest end of the 3-split harness will connect directly to the passenger door harness (blue line).

**5.** Use tree cable ties to route the longest end of the 3-split harness to the rear door, going along the black topper support as shown to the right (yellow line) (Fig 29.4).

**6.** Use tree cable ties to route the remaining end of the harness to the driver's side door by going across the topper crossbeam closest top the cab (Figure 29.3).

**NOTE:** The rear door will have conflict with the magnet brackets, use the available pre-drilled holes to secure the harness.

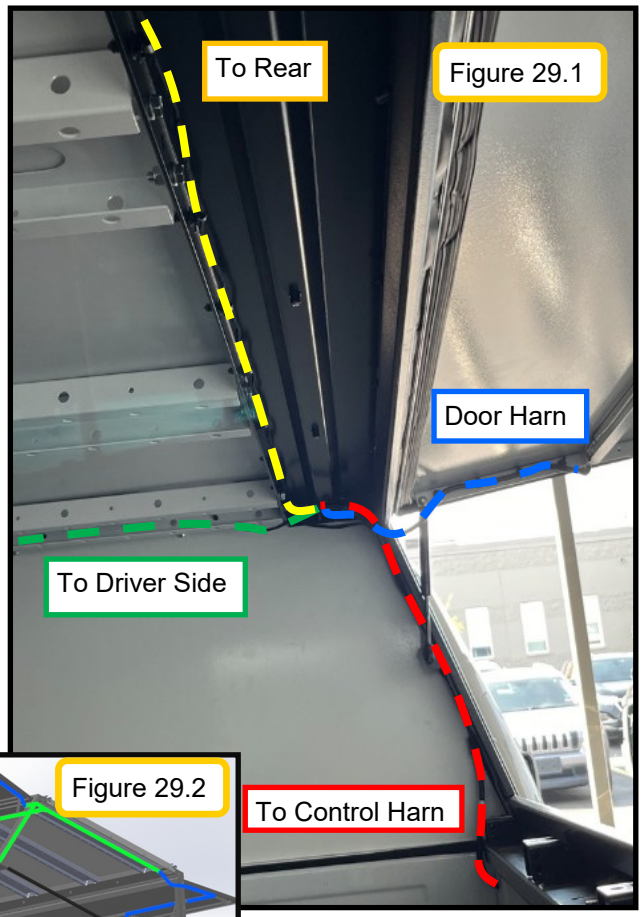


Figure 29.1

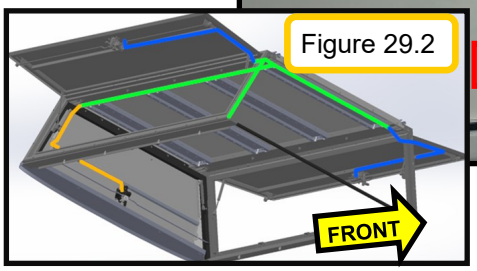


Figure 29.2

Figure 29.3

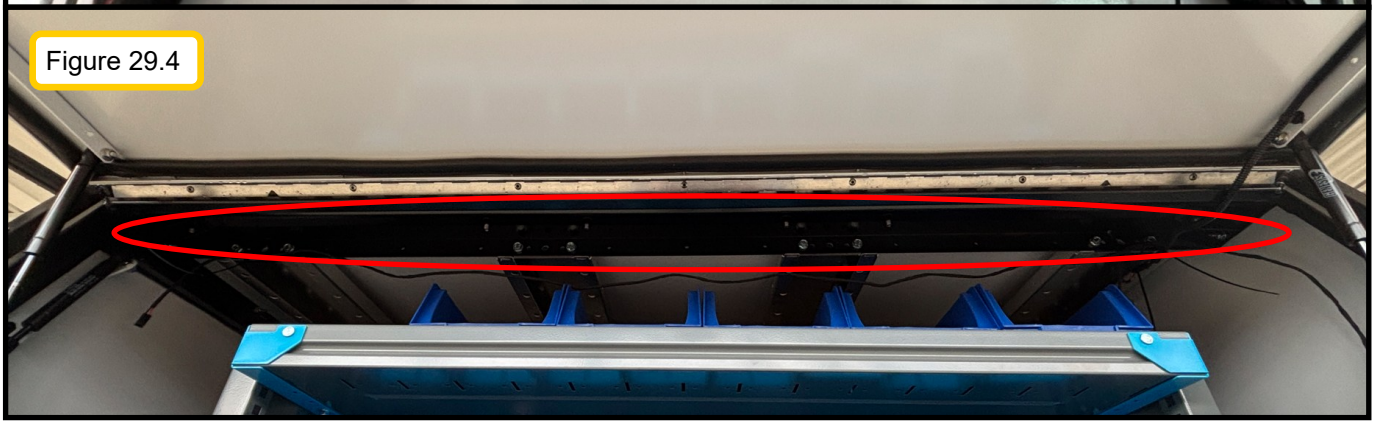


Figure 29.4

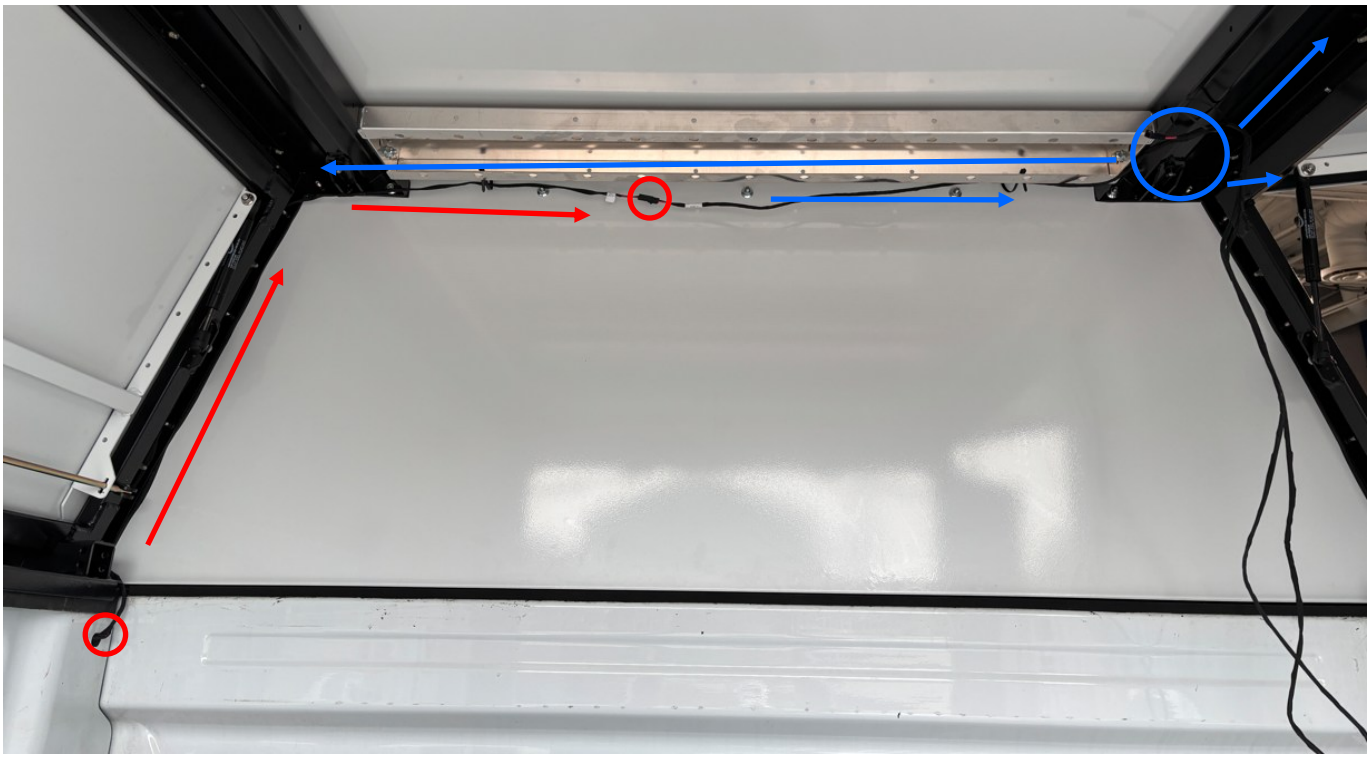
# Adrian Cap Harness Install Instructions

## Silverado - Specific Steps

For Adrian Caps with hatch rear doors, Silverado E-Lock kits (TELH) will route through the cap mirrored to the rest of the vehicles. The control harness will come up the front, driver- side topper pillar, and the routing will go across the topper to the passenger side door, and to the rear door on the driver side.

For Adrian Caps with barn / walk-in doors, Silverado ICE and Hybrid E-Lock kits (TELB) will utilize an additional harness, 77195 Adrian Cap E-Lock Extension Harness, to connect between the control harness and the 3-split harness as shown in the overall harness diagram on page 3. Follow the instructions below for installing this additional harness.

Connect the extension harness between the control harness and the 3-split harness (red circles). Route the harness as shown below (red arrows) and use the included stud-mount zip ties to anchor the harness up the pillar like the 3-split harness does normally. Route the 3-split harness like normal (blue arrows) back from the front top passenger-side corner of the topper (blue circle).



**7.** Before routing the door harnesses and with the locks removed, ensure the routing hole in the tube is 5/8”. If it is not, use a 5/8” drill bit to widen out the hole. This only needs to be done on the hole the harness will be routed through. Use a deburring tool to clean up the edges. (Fig 31.1)

**8.** On each door, route the respective harness through the beam’s opening on its left/right sides (depends on the door). (Fig 31.5)

**9.** Feed the harnessing through until the connector end reaches the first pre-drilled hole in the beam. (Fig 31.2)

**10.** Using picks or a small screwdriver, maneuver the connector through the hole so it comes out next to the lock. (Figure 31.3 & 31.4)

**NOTE:** Since the hole is on both sides of the tube, try to push on the connector from the outside of the hole, while using pick tools at the connector to wedge it out.

**WARNING:** These connectors are small, so they can be delicate. Take care to use minimal force when manipulating them through the hole.

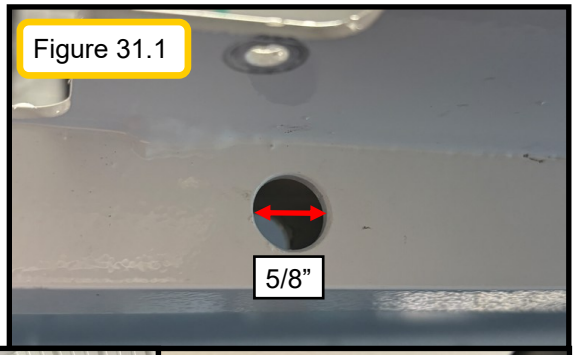


Figure 31.1

Figure 31.2

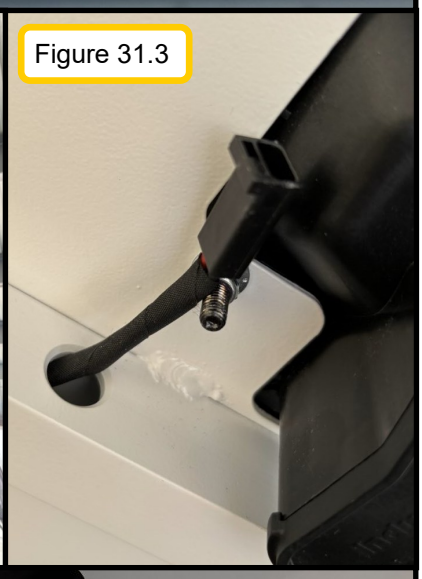


Figure 31.3

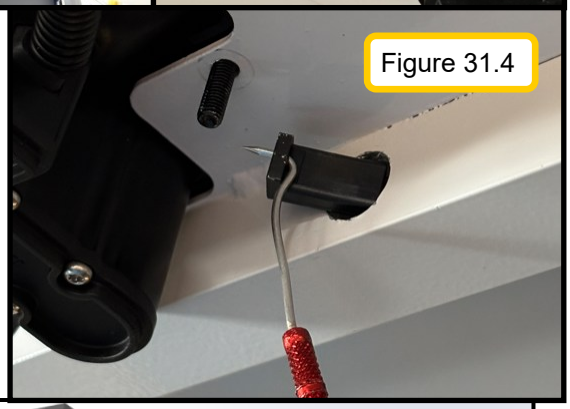


Figure 31.4

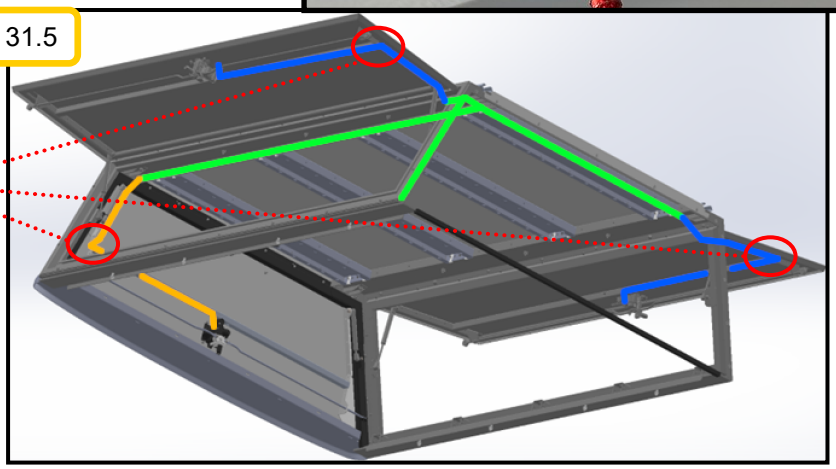


Figure 31.5

**11.** Install the E-locks using [4] 8mm nuts (FAS0917), add the P-clip included in the door harness bag to the lock harness as shown in fig 32.2, and secure the locking rods themselves using [2] 10mm nuts (FAS0918). (Fig 32.1)

****TORQUE ALL NUTS TO 2.2Nm****

**12.** Plug in the E-Lock harness into the door harness and guide the connectors through the hole back into the tube until the grommet is able to be stuck into the hole.

**NOTE:** Try pulling gently on the other end of the door harness to pull the connectors back into the tube.

**NOTE:** The wires going into both connectors may not match, but as long as the connectors lock together that is the important part

**WARNING:** These connectors are small, so they can be delicate. Take care to use minimal force when manipulating them through the hole.

**13.** The grommet is designed to be squished into place. Use a small dull screwdriver or plastic blade to press the angled piece of the blade through the hole, leaving the larger section outside the tube. (Fig 32.2)

**14.** Stuff the other end of the door harness into the tube up to the grommet. (Fig 32.3)

**15.** Secure the harness up the door with Christmas tree zip ties along the inside of the door shock. (Fig 32.4 & 32.5)

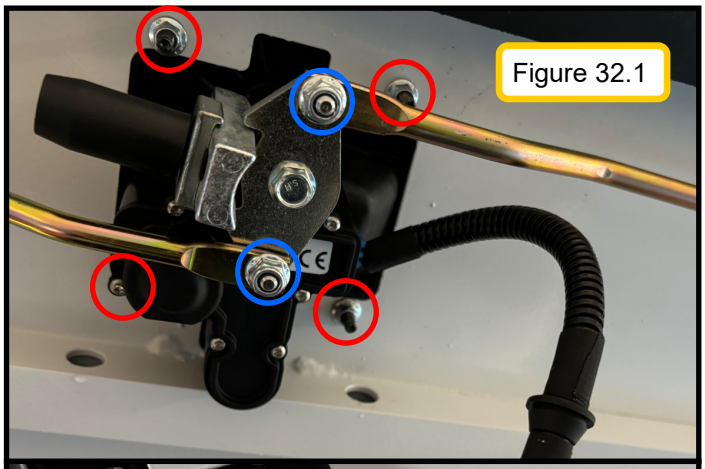


Figure 32.1

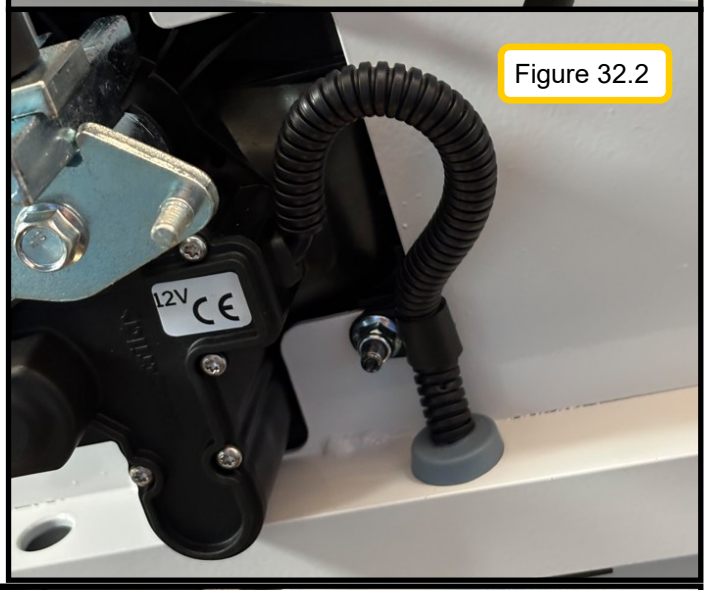
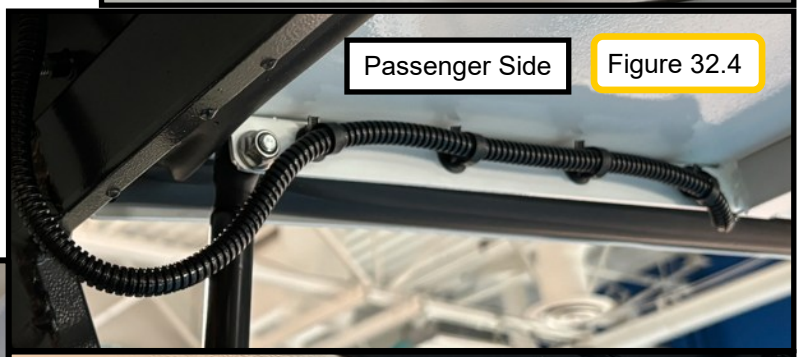


Figure 32.2


Passenger Side
Figure 32.4

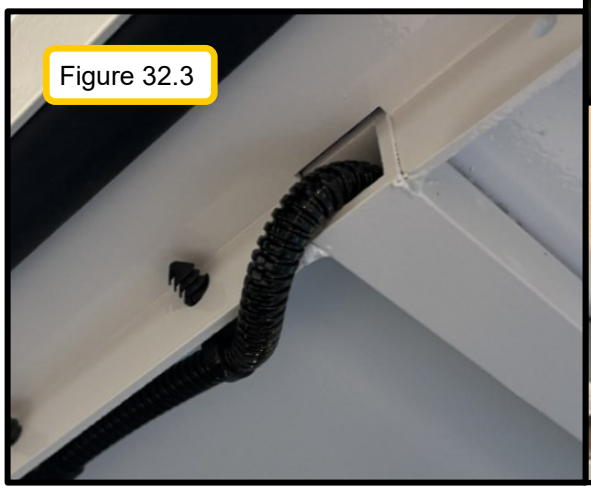


Figure 32.3

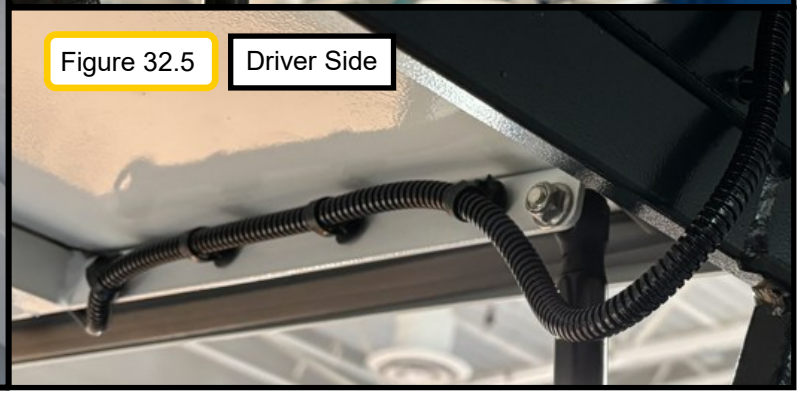
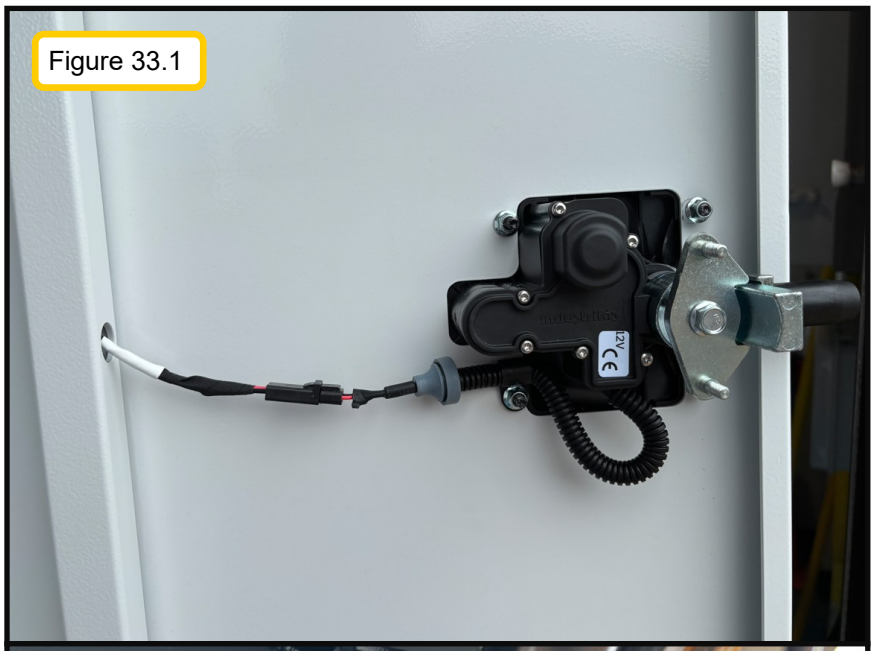


Figure 32.5
Driver Side

**16.** If the Adrian Cap has the barn door / walk-in topper, install the rear lock as shown. Use the P-clip in the same way as the side doors, and secure the E-Lock harness to the lower left lock mounting stud. (fig 33.1)




**17.** Route the rear door harness behind the shock , along the upper rail, and down into the square tube similar to the hatch door routing.
(fig 33.2 & 33.3)

**18.** Plug the door harness into the 3-Split harness and use a stud-mount style zip tie included in the harness bag to secure the harness to the inside of the topper. Make sure to keep enough slack in the door harness so there's at least 1" free hanging clearance between the topper frame and the harness. (Fig 34.1 & 34.2)

**19.** Once all three locks and door harnesses are installed, test functionality of the locks. Open the handles on the locks and notice the small metal T-shaped pin underneath.

- Lock the vehicle, and the metal pin on each lock should turn 90 degrees into the horizonal position.

- Unlocking the vehicle should return the pin to its original vertical orientation.

- If the pins don't turn, or turn opposite of where they should, refer to pg. 11 for troubleshooting notes.

**20.** Secure any loose wiring under kick plates and behind the knee bolsters.

**21.** Secure any excess underbody wiring using zip ties. (Fig 27.1—27.3)

**22.** Reinstall the trim panels and clean up the vehicle.

**INSTALL COMPLETE**

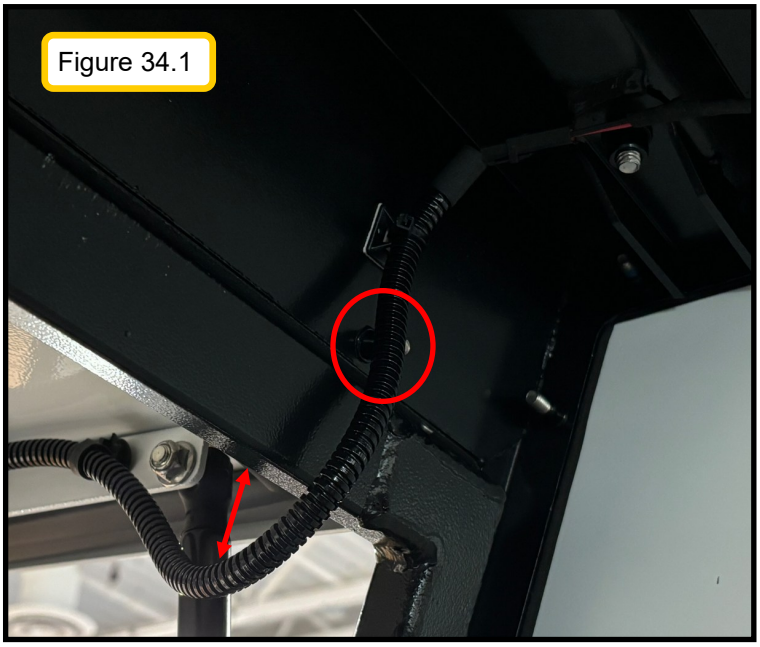


Figure 34.1

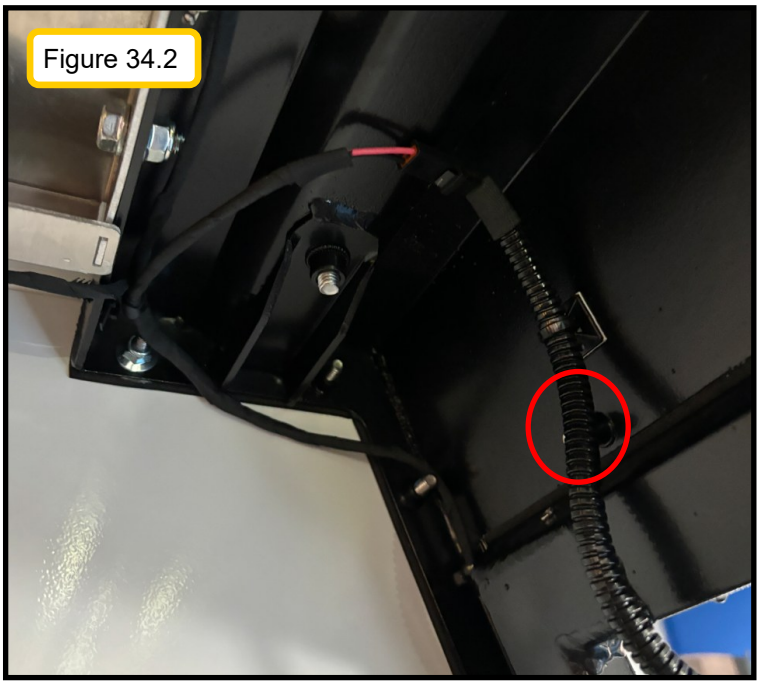


Figure 34.2

## Roll-up Door Topper Only

Connect the 80678 E-Lock Roll-up Door Harness to the 3 Split Harness at the rear of the Topper by the Roll-up Door. Figure 35.1

Route the shorter leg of the harness straight down to be connected to the E-lock via butt-splice connectors.

Route the longer leg over and across the Roll-up Door then down the other side to be connected to the E-lock via butt-splice connectors. Figure 35.2

| 80678 | | E-Lock |
|---|---|---|
| RED | —> | YELLOW |
| BLACK | —> | RED |

You may need to coil up extra harness as shown in Figure 35.3

Ensure butt-spliced are heated to be sealed.

Using the provided key for the Roll-up Door, ensure that the lock is in the position shown in Figure 35.4.

**IF KEY IS NOT TURNED TO PROPER POSITION E-LOCKS WILL NOT LATCH**

**INSTALL COMPLETE**

Figure 35.1

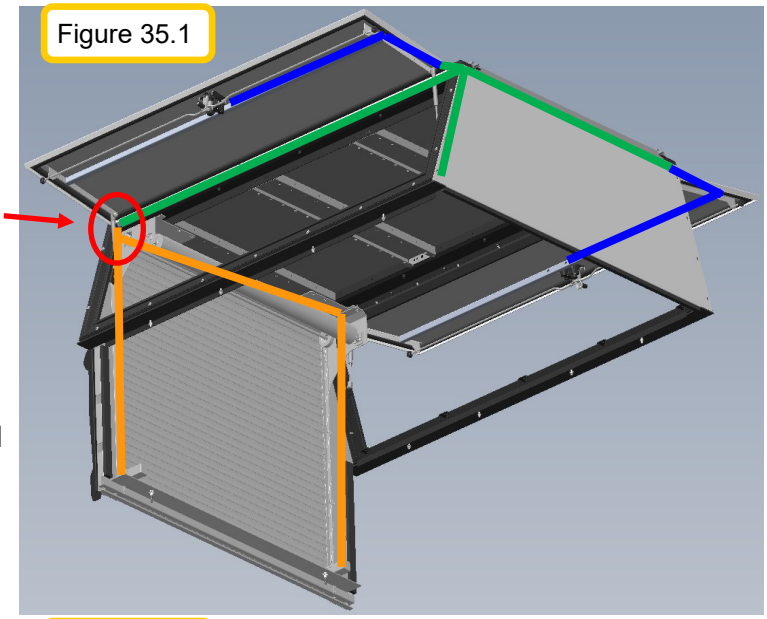


Figure 35.2

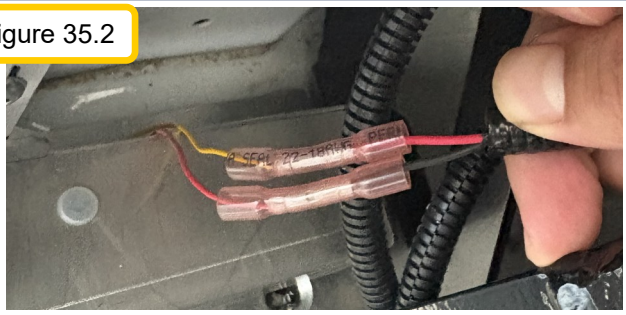


Figure 35.3

Figure 35.4

**Vertical Position: WRONG**

**Horizontal Position: CORRECT**