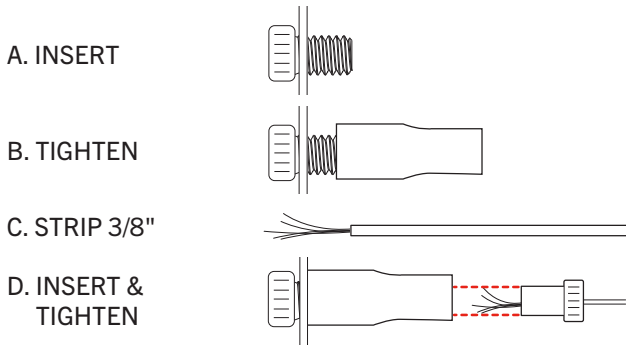


### INSTALLATION NOTES

- When working on a vehicle, always roll down a window to avoid being locked out of the car.
- Make all necessary connections (wiring diagram) in the truck BEFORE plugging in the modules.
- Never install the cabin module where it could interfere with normal operation or obstruct service technicians.
- Use caution near airbag wires and connectors as they are not always labeled (i.e. yellow split loom/tubing). Disconnecting an airbag connector with the ignition turned on may cause deployment.
- To avoid breaking the plastic fastenings, be gentle when disassembling the dash and interior panels.
- Use extreme caution if the vehicle was parked outside in very cold weather.
- Ensure the vehicle 12V battery is disconnected while splicing into the vehicle harness. This may include an accessory battery (see your vehicle's owner's manual).

### POSI-TAP INSTRUCTIONS



**NOTE:** Twist for 2 or more wires.

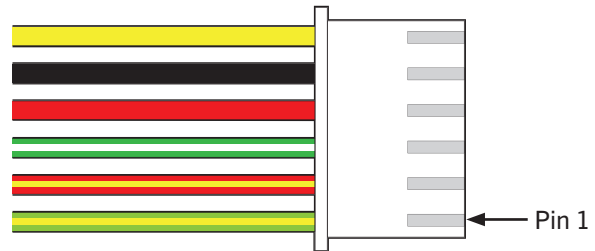
### Part Numbers

- 551 460 (PTA2022)
- 551 461 (PTA1800M)
- 551 462 (PTA1618)
- 551 463 (PTA1218M)
- 551 464 (PTA1012)

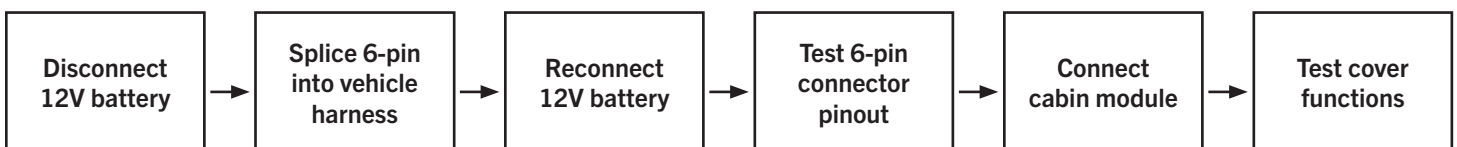


### CABIN MODULE 6-PIN CONNECTOR PINOUT

- Yellow — Ignition
- Black — Ground
- Red — 12V Power
- Green/White — Not Connected
- Red/Yellow — Disarm
- Green /Yellow — Arm



**INSTALLATION SUMMARY** The following steps should be followed to ensure the cabin module is connected to the vehicle properly.



## Covered Makes and Model Years

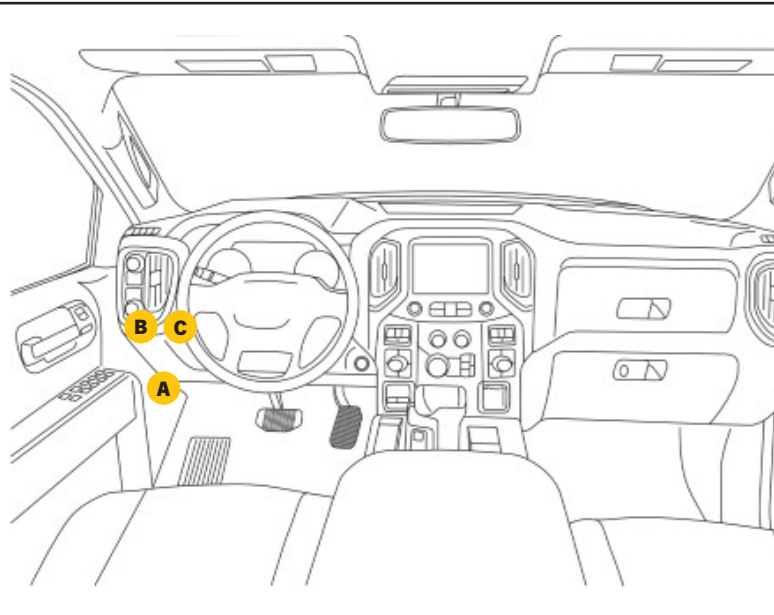
Year	Make / Model		Wire Guide
2024-2025	Toyota Tacoma	(Smart key)	TO-6
2024-2025	Toyota Tacoma Hybrid	(Smart key)	TO-6

**1**

Disconnect 12V battery.

**TO-6**

## Wire Splice Instructions (TO-6)



- A** Driver kick, door harness - Yellow 26-pin plug
- B** Certification ECU, above driver kick - Top White 30-pin plug
- C** Certification ECU, above driver kick - Bottom White 30-pin plug

**2**

**TO-6**

Cabin module ■ red - 12V power  
TO

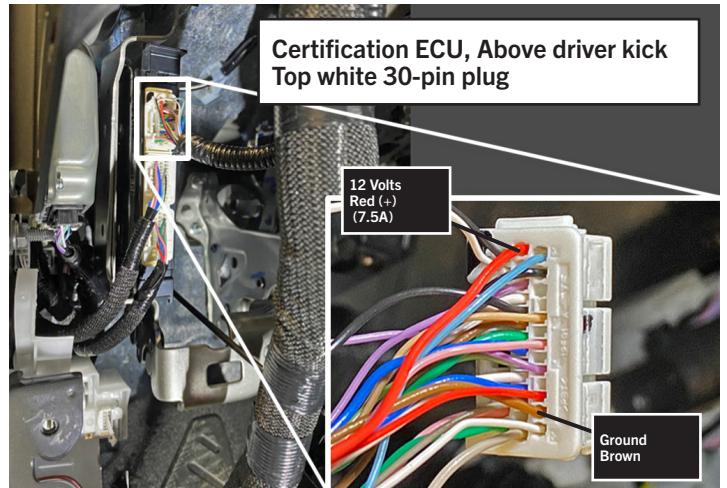
Top white 30-pin plug

- B** Certification ECU, Above driver kick  
Pin 6 ■ Red (7.5A)

Cabin module ■ black ground  
TO

Top white 30-pin plug

- B** Certification ECU, Above driver kick  
Pin 29 ■ Brown



3

TO-6

Cabin module ■ yellow - ignition

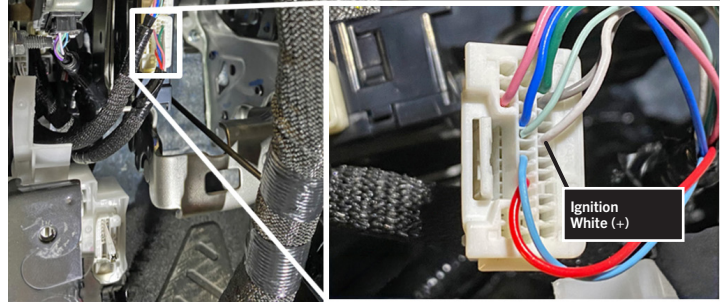
TO

Bottom white 30-pin plug

**C** Certification ECU, Above driver kick

Pin 24   White - Ignition

Certification ECU, Above driver kick  
Bottom white 30-pin plug



4

TO-6

Cabin module ■ green with yellow stripe - Arm

TO

Yellow 26-pin plug

**A** Driver kick, Door harness

Pin 1 ■ Black - Lock

Cabin module ■ red with yellow stripe - Disarm

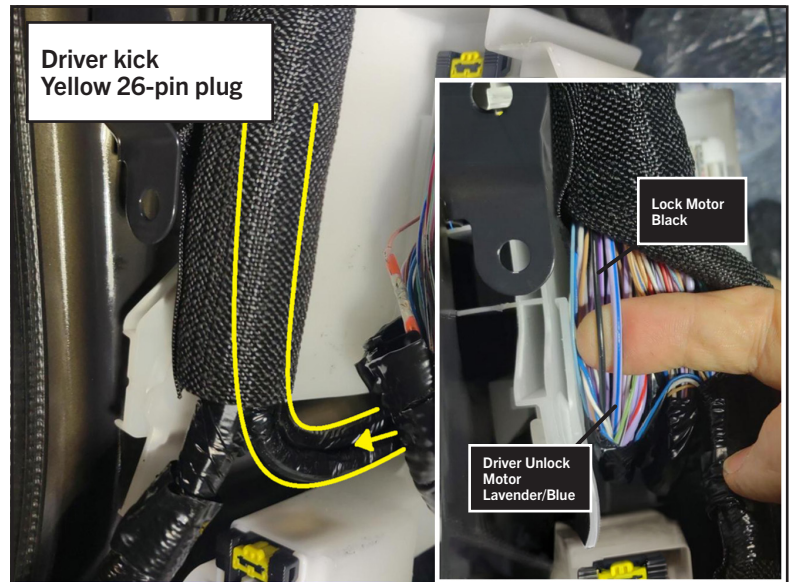
TO

Yellow 26-pin plug

**A** Driver kick, Door harness

Pin 2 ■ Lavender/Blue - Unlock

Driver kick  
Yellow 26-pin plug



5

TO-6

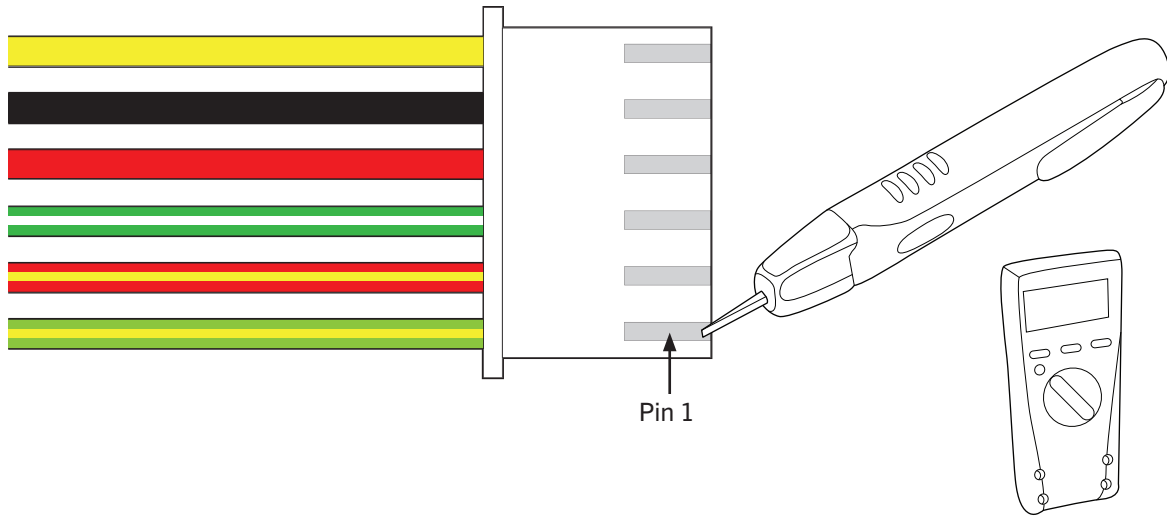
Reconnect 12V battery.

## Test 6-pin Connector Pinout

6

Use a test light and multimeter to check the connections.

T0-6



### Test 6-pin Connector Pinout

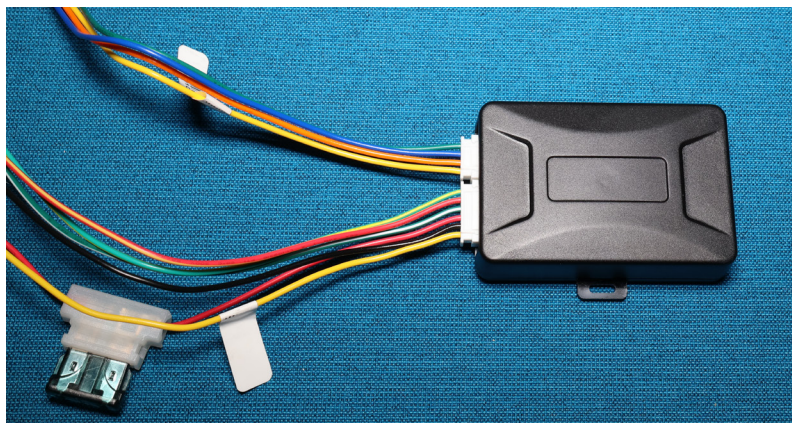
Yellow (Ignition)	Check that when the vehicle is OFF, the test light is OFF. Check that when the vehicle ignition is on or engine is running, the test light is ON.
Black ground	Check the resistance to chassis ground, the resistance should be less than 5.0hm
Red (12V power)	Check that the test light is ON.
Red/yellow (disarm)	Check that when the Unlock button on the FOB is pressed, the test light flashes ON then OFF.
Green/yellow (arm)	Check that when the Lock button on the FOB is pressed the Test light flashes ON then OFF.

## Connect the Cabin Module

7

Connect the Cabin Module 6-pin connector that goes to the vehicle harness. Connect the Cabin Module 4-pin connector that goes to the Cover Module.

T0-6



## Test the Cover Functions

8

Connect the Cabin Module 6-pin connector that goes to the vehicle harness. Connect the Cabin Module 4-pin connector that goes to the Cover Module.

**T0-6**

- a. With the tailgate open, disengage the cover from the cables and move to the full open position.
- b. Unlock the vehicle with the FOB (one press).
- c. Press the close button on the rail switch (cables will move to the end of the rail).
- d. Re-engage the cover with the cables at the full closed position.
- e. Press the open button on the rail switch. Cover should move to the open position slowly.
- f. Close the tailgate.
- g. Press the close button on the rail switch. Cover should move to the close position at normal speed.
- h. Press the unlock button on the FOB 3x. Cover should move to the open position at normal speed.
- i. Press the lock button on the FOB 3x. Cover should move to the close position at normal speed.
- j. START the engine.
- k. Press the unlock button on the FOB 3x. Cover should not move.
- l. Turn OFF the engine.
- m. Press the unlock button on the FOB 3x. Cover should move to the open position at normal speed.