A-I900-$$ ILIS Activation Kit
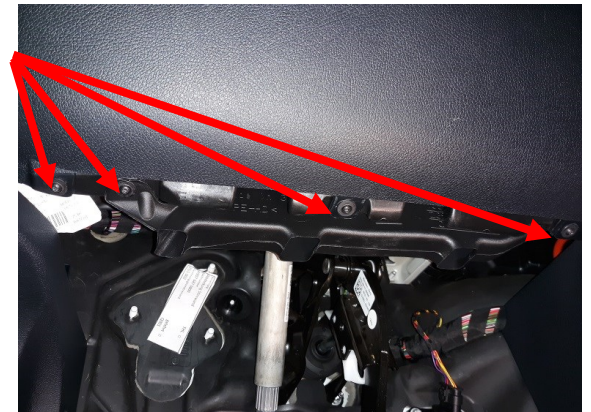## 2022 Sprinter
(For use with PRC900/950)

Accessing the Start/Stop Button Connector

(The instructions below may differ depending on the specific trim level of the vehicle. All should be similar.)

1. Remove the center cup holder using a plastic trim removal tool.

2. Remove the 4 screws securing the underdash.

3. Remove the trim panel to the left of the headlight switch using a plastic trim removal tool. It will be necessary to remove the rubber seal from the door frame.

InterMotive, Inc.   Phone: (530) 823-1048   www.intermotive.net
12840 Earhart Ave   Fax: (530) 823-1516   products@intermotive.net
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Accessing Start/Stop Button Connector (Continued)

4. Remove the 2 screws securing the underdash.

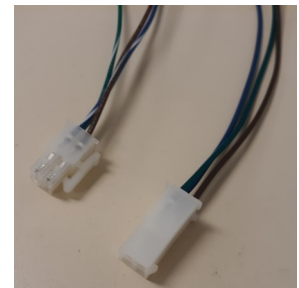5. Remove the underdash using a plastic trim removal tool.

6. Remove the headlight switch assembly by pushing in on the 4 silver tabs on the back of the switch. Remove the connector from the back of the switch.

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Accessing Start/Stop Button Connector (Continued)

7. Find the Stop/Start harness shown in picture.

8. Cut the **Blue/Violet** wire so there is enough slack to work with.

9. Take the **Blue/White** wire in the four pin pigtail and solder and heat shrink it to the BCM side of the **Blue/Violet** wire.

10. Take the **Blue** wire in the four pin pigtail and solder and heat shrink it to the switch side of the **Blue/Violet** wire.

11. Cut the **Blue/Red** wire so there is enough slack to work with.

12. Take the **Green/White** wire in the four pin pigtail and solder and heat shrink it to the BCM side of the **Blue/Red** wire.

13. Take the **Green** wire in the four pin pigtail and solder and heat shrink it to the switch side of the **Blue/Red** wire.

14. Cut the **Brown/Black** wire so there is enough slack to work with.

15. Take the **Brown/White** wire in the four pin pigtail and solder and heat shrink it to the BCM side of the **Brown/Black** wire.

16. Take the **Brown** wire in the four pin pigtail and solder and heat shrink it to the switch side of the **Brown/Black** wire.

17. Plug the 8 pin connector into the PRPC9xx.

Stop/Start Pigtails

Note: A discrete connection between input 7 on the PRC900/950 and the park brake switch signal is required.

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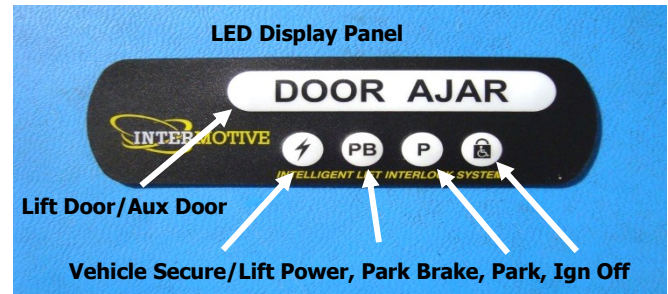
Post Installation / Check List

A-I900-$$ (Manual Lift Door)

The following checks must be made after installation of the system, to ensure correct and safe operation of the lift. If any of the checks do not pass, do not deliver the vehicle. Recheck all connections as per the installation instructions.
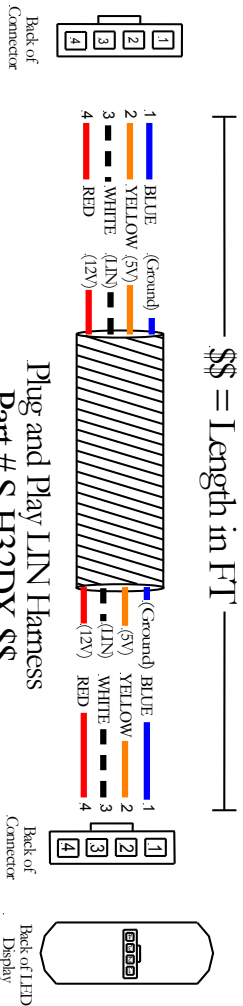
Note: When any door (other than the lift door) is open (CAN sensing) or an optional door input is installed at pin 4 and said door is OPEN, the large "Door Ajar" section will blink, however if the lift door is also open, it overrides any other door and illuminates the section in a steady manner.

Begin the checklist with the vehicle in the following state:

- Lift stowed
- Lift Door closed
- Park Brake set (PB)
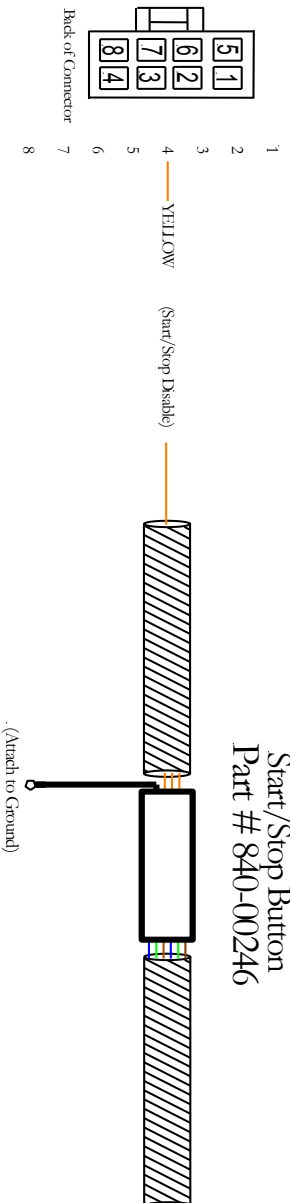- Transmission in Park (P)
- Ignition off (Engine off)

1. Verify that the Park, Park Brake, and the Igniton Off LED remain ON.
2. Attempt to deploy the lift. The lift must <u>not</u> deploy with the Lift Door closed. Next, open the lift door.
3. With Lift Door open, Park Brake set and transmission in Park, all 5 LEDs will be ON. Attempt to deploy the lift. Verify the lift deploys. Stow the lift.
4. With Lift Door open and transmission in Park, release Park Brake. Verify that the Park Brake (PB) and Vehicle Secure LEDs turn OFF, and attempt to deploy the lift. Verify the lift does <u>not</u> deploy.
5. Close the Lift Door and verify module goes to sleep after 5 min. The LEDs on the panel will turn off.
6. Open the Lift Door and verify module wakes up with display LED's proving out; then Park, Shift Lock, and Lift Door Open LEDs remain ON.
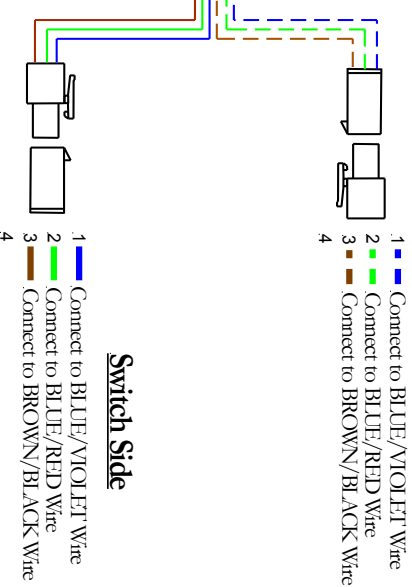
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$$ = Length in FT

Back of Connector

1 BLUE (Ground)
2 YELLOW (5V)
3 WHITE (LIN)
4 RED (12V)

Plug and Play LIN Harness
Part # S-H32DX-$$

(Ground) BLUE 1
(5V) YELLOW 2
(LIN) WHITE 3
(12V) RED 4

Back of Connector

Back of LED Display

Back of Connector

1
2
3
4 — YELLOW — (Start/Stop Disable)
5
6
7
8

Back of Connector

Start/Stop Button
Part # 840-00246

(Start/Stop Disable)

(Attach to Ground)

INTERMOTIVE
DOOR AJAR
INTELLIGENT LIFT INTERLOCK SYSTEM

PRPC LED
Part # S-E130

BCM Side
1 — Connect to BLUE/VIOLET Wire
2 — Connect to BLUE/RED Wire
3 — Connect to BROWN/BLACK Wire
4

Switch Side
1 — Connect to BLUE/VIOLET Wire
2 — Connect to BLUE/RED Wire
3 — Connect to BROWN/BLACK Wire
4

If the A-I900-$$ fails any step in the Post Installation Test, review the installation instructions and check all connections. If necessary, call InterMotive Technical Support at (530) 823-1048.