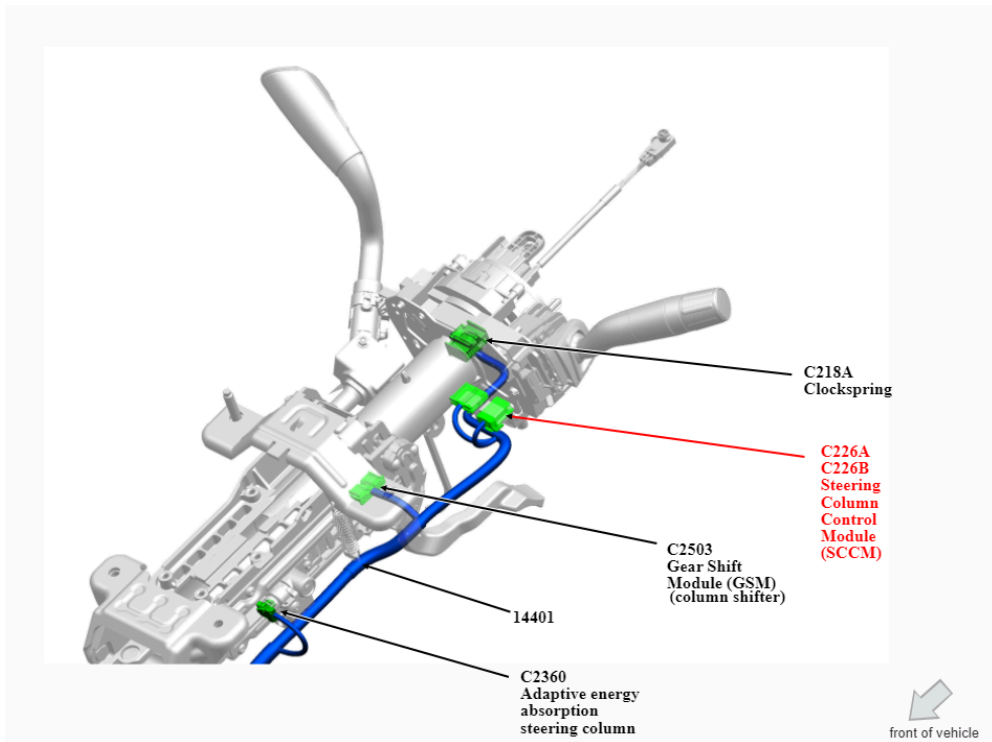# 2024+ Ford F-150 HSW Harness
Installation Guide

New SCCM & HVAC Controls May be Required. **VERIFY FITMENT.**

- **NL3Z-19980-S** (HVAC Controls W/ HSW button)
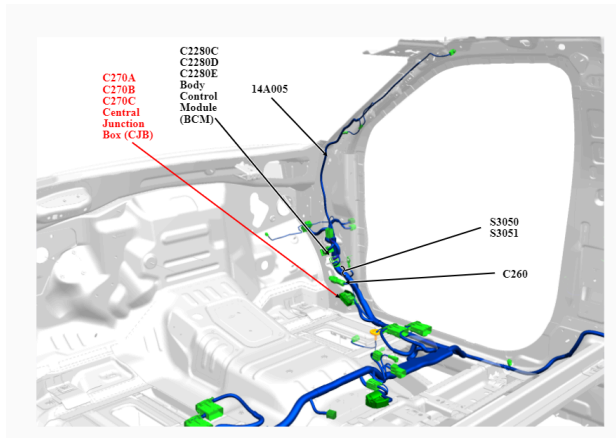- **SL3Z-3F791-BA** (SCCM W/HSW function)

Plug in the HSW connector behind the SCCM(C226B)

➔ Route the harness across the dash to the passenger side. Follow the original dash harness and use plenty of zip ties.
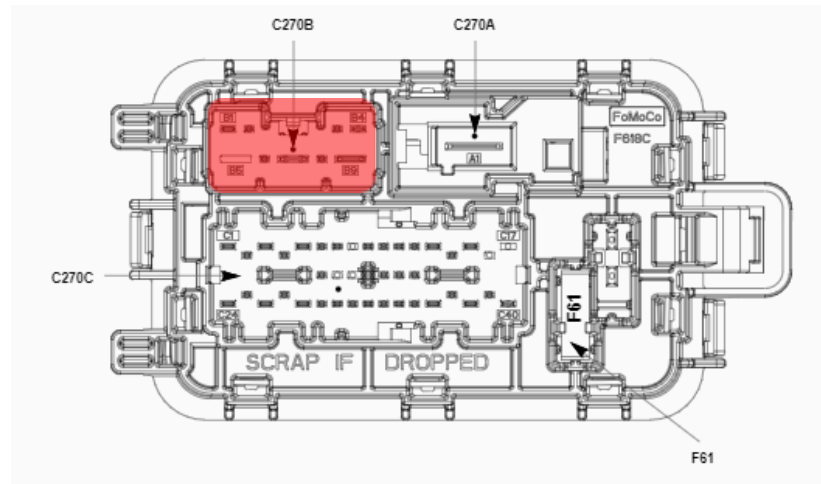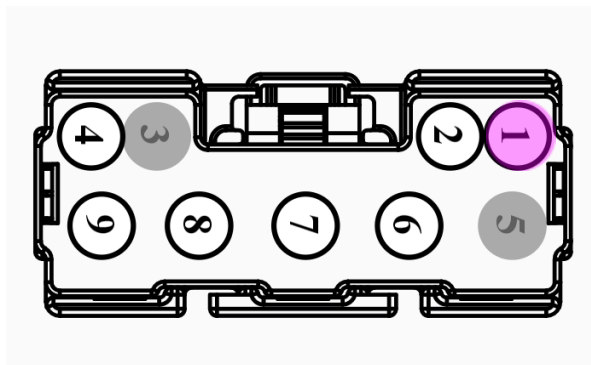
Locate the Central Junction Box

Locate the CJB(aka Fuse Box) on the passenger side footwell.

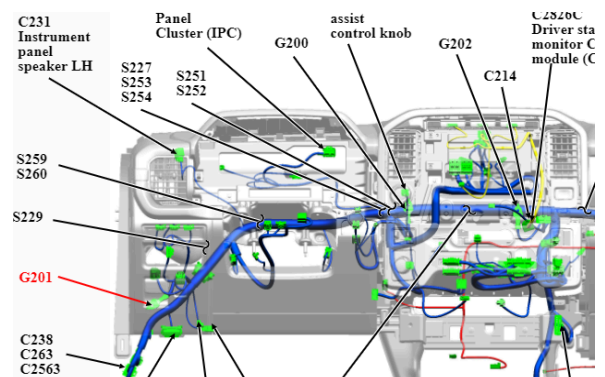## Locate the CJB Connector(C270B)

Once unlatched disassemble the connector and add the wire to PIN 1.

IMAGE IS THE FRONT OF CONNECTOR

Ground the shorter wire(G201)

Locate the grounding bolt on the driver side footwell. Ground the terminal ring here.

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Forscan Changes (Original -> New Value) SAVE YOUR ORIGINAL AS-BUILT

- **APIM**
  - **7D0-02-01 xxxx-0xxx-xxxx**

0 to 1	2 to 3	4 to 5	6 to 7
8 to 9	A to B	C to D	E to F

  - **7D0-02-02 x0xx-xxxx-xxxx**

0 to 2	1 to 3	4 to 6	5 to 7

  - **7D0-03-02 00xx-xxxx-xxxx (MAY NOT BE NEEDED)**

0B(F150) to 10(SUPER DUTY)

    CHOOSE SUPER DUTY IF INSTALLING CLIMATE CONTROLS WITH HSW BUTTON

- **IPC**
  - **720-05-02 0xxx-xxxx-xxxx**

0 to 1	2 to 3	4 to 5	6 to 7

- **SCCM**
  - **724-01-01 xxxx-8xxx-xxxx**
  - **724-06-01 Bxxx-xxxx-xxxx**
  - **724-06-01 x0xx-xxxx-xxxx**
- **HVAC**
  - **733-01-02 xxx0-xxxx-xxxx**

0 to 8	1 to 9	2 to A	3 to B
4 to C	5 to D	6 to E	7 to F

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FDRS INSTRUCTIONS!

Contact **support@midnightoem.com** to inquire about our remote programming option. **Subject to software cost & refundable deposit for hardware.**

1. **MUST HAVE A J2534 ADAPTER!!**

2. **Download FDRS(Dealer Software)**

3. **Purchase FDRS License ($120)**

4. **Install the application & launch**

5. **Log into Ford Account**

6. **Begin by connecting the adapter and clicking "Go" to read vehicle data.**

7. **Once vehicle data has been read & downloaded search in the ToolBox tab for "TRON"**

8. **Click "Download" to download the tool and then run.**

9. **Amongst the options click "Diagnose & Repair"**

10. **Once the process is complete without errors!! then close the application, if it fails or has errors run again!**