

VOLVO VNL INSTALLATION SERIES

SDP5.5 ECU

The Goal

To enable you to properly install a SDP5.5 ECU in the overhead of a Volvo VNL.

Why?

This processor is the “Brain” that gathers, analyzes and transmits data from and receives data to the truck for Rand McNally SafetyDirect.

Parts required

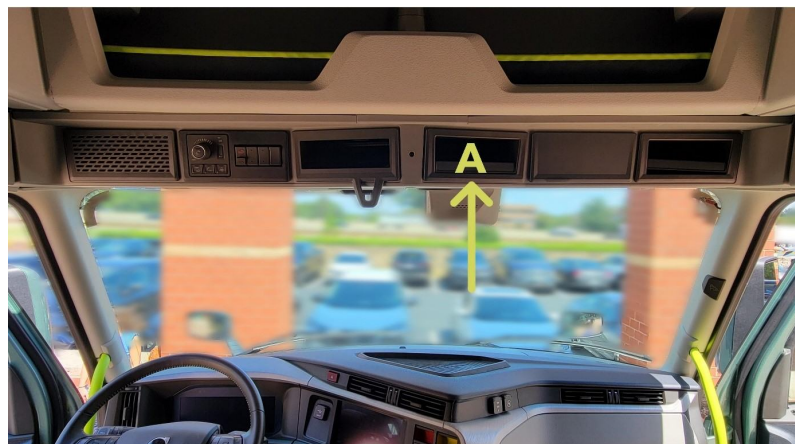
- SDP5.5 ECU with pre-installed Velcro. (Included in your kit).
- Alcohol wipe or equivalent (You will need to supply these).



How to do it

With the processor and alcohol wipe in hand, get into the vehicle and orient yourself in the middle of the cab looking forward.

- Remove center-right (A) overhead pocket by pulling out firmly.





- Locate pre-wired 24pin connector.
- Clean the mounting bracket below the 24pin connector.



- Connect 24pin, FLC5.x camera, DFC camera and cell/GPS connectors as required.
- *If any of these connectors are expected but not present, proceed to the applicable installation instructions before continuing.
- Remove adhesive backing from processor's Velcro and mount the processor to the mounting bracket.
 - Antenna connectors face towards the driver.
 - Main 24pin connector and camera connectors face the windshield.
- Press down firmly for 10 seconds.
- **Move the truck outside for the following validation process.** This step will require you to run the truck for 20 minutes.
- With all connections made and processor mounted, turn the vehicle's key to the on position.



- Locate the SafetyDirect video REC switch.
 - After the vehicle has been on for 2 minutes Press and hold REC switch for 6 seconds.
 - You will hear a beep beep from the speaker in the right overhead letting you know a manual video was triggered.
- Leave the truck on for 15 minutes.
- If you have valid Rand credentials, you will be able to log into the site and view the triggered video in about 15 minutes.
- If you do not have access, please contact your Rand Customer Success Specialist to validate for you.
- If the video is posted this concludes your installation.
- Please return to the installation landing page if there are any components remaining to be installed.