



OSHKOSH SCM2 Next Generation Delivery Vehicle Instruction Manual

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OSHKOSH SCM2 Next Generation Delivery Vehicle



Specifications

- Product Name: Oshkosh Next Generation Delivery Vehicle (NGDV)
- Date: July 20th, 2023

Device Usage

The Oshkosh Next Generation Delivery Vehicle (NGDV) is equipped with a Telematics Control Unit (TCU) that provides various functionalities.

TCU Install Location

The TCU is mounted in a module box located at the bottom of the center console of the vehicle.

Instruction

Oshkosh Next Generation Delivery Vehicle (NGDV) Telematics Overview

Device Usage

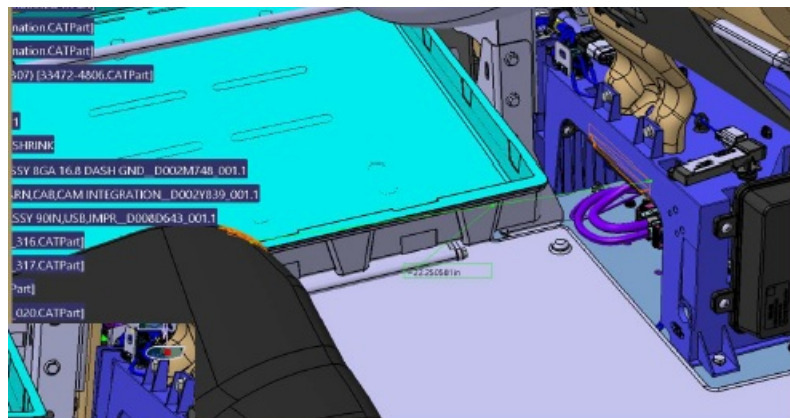
- The Telematics Control Unit is an electronic control module that is integrated into the NGDV controller area network (CAN). Data transmitted over the CAN will come to a collection point or central gateway where the TCU can collect signals and messages broadcasted over the network. The TCU transmits collected data over cellular communication to a data broker or end point. After the data has been received by the data broker the TCU clears the transmitted data from its memory and continues to collect and send new data while the vehicle is operational.
- Example use cases/data
- GPS location
- Trip data (time, distance, fuel, etc.)
- Accelerometer/gyroscope data

TCU Install Location

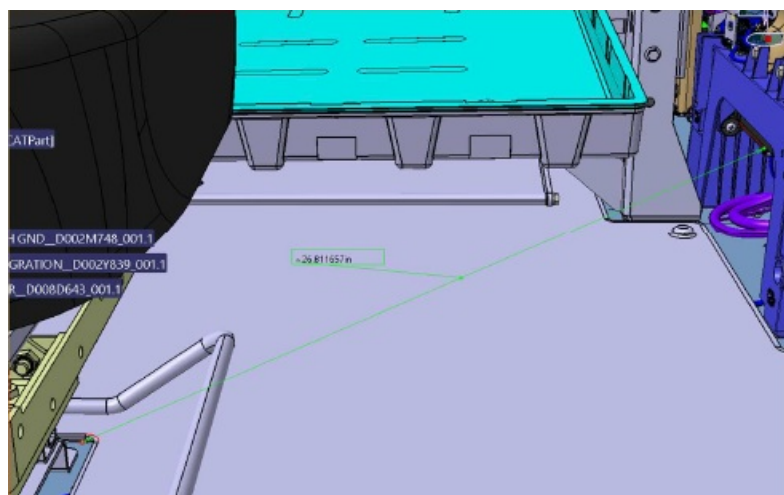
The TCU is mounted in a module box which is installed at the bottom of the center console of the vehicle.

TCU Distance to Driver

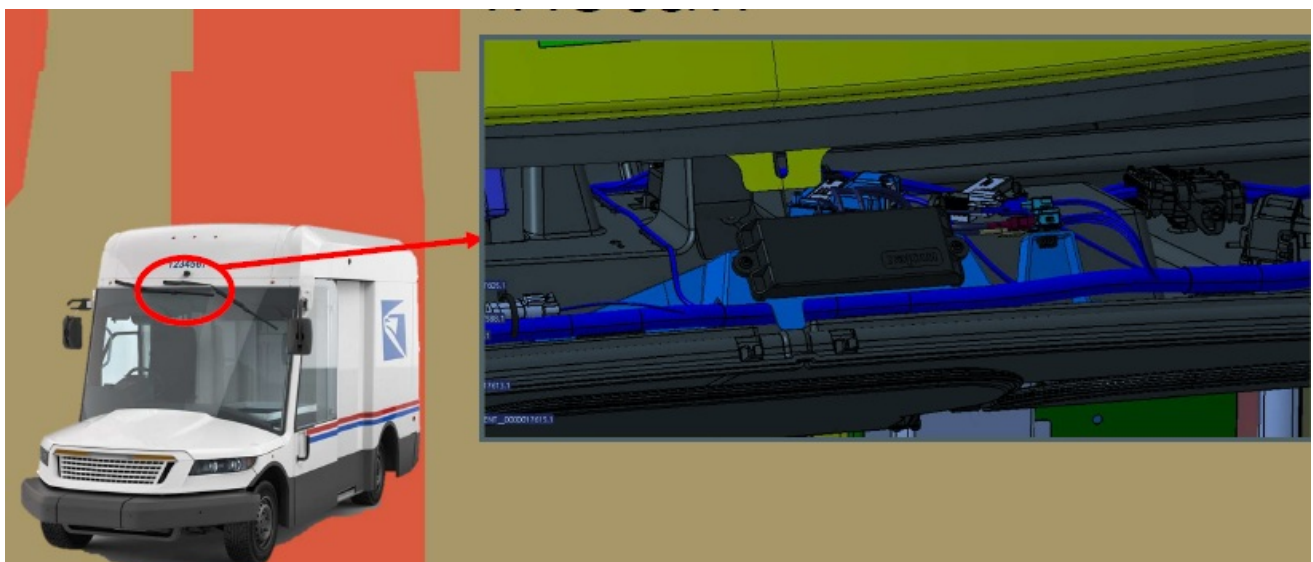
The as-modeled seat is the most forward position that meets the 5-95th percentile of all operators.



- 22.25in from the seat edge to TCU
- 22.8in from the seat base to TCU



Antenna Install Location



The antenna is mounted inside the center of the overhead console.
Cable length: 159 inches (4033 mm) TCU to back of the Antenna.


- This is comprised of 1 harness segment from TCU to in-line connector of approximately 30in
- Plus 1 harness segment of in-line connector to Antenna of approximately 121in
- Plus about 8in for the antenna pigtail.

Regulatory Compliance statement

Radiofrequency radiation exposure Information

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 [*] cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

Documents / Resources

| | |
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|  | OSHKOSH SCM2 Next Generation Delivery Vehicle [pdf] Instruction Manual SCM2, 2AJW5-SCM2, 2AJW5SCM2, SCM2 Next Generation Delivery Vehicle, Next Generation Delivery Vehicle, Generation Delivery Vehicle, Delivery Vehicle, Vehicle |
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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