

Parts and Links

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Open Vehicle Monitoring System



Todd Williams, Drive Electric Columbus

OVMSv3.3 – Where to Buy?

- ◇ Where to buy? (<https://www.openvehicles.com/buy>)
 - ◇ FastTech - Chinese seller (slower delivery by ePacket and USPS, but cheapest source)
 - ◇ <https://www.fasttech.com/search?ovms>
 - ◇ Medlock - US seller (more expensive by an extra \$75 + Shipping, better support for issues)
 - ◇ <https://medlockandsons.com/product/ovmsv3/>
 - ◇ OpenEnergyMonitor – UK/European seller
 - ◇ <https://shop.openenergymonitor.com/ovms/>
- ◇ Hologram SIM Card
 - ◇ <https://hologram.io/>

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Where to buy? (<https://www.openvehicles.com/buy>) – **Don't forget:** Supply chain shortages are still affecting lots of things.

FastTech - <https://www.fasttech.com/search?ovms>

Medlock - <https://medlockandsons.com/product/ovms-v3/>

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Hologram SIM Card - <https://hologram.io/>

OVMSv3.3 – All the Parts (Re-cap)

- ◆ Make sure you order the OVMS v3.3 (or newer) hardware for 4G Cellular card support
- ◆ SIM7600 Module ~ USA 4G Cellular Modem Card (separate daughter board, or bundled)
- ◆ Vehicle Specific OVMS OBD2 cable (e.g. LEAF Cable)
- ◆ GSM (USA) 4G Cellular antenna
- ◆ GPS antenna for time and location-based settings
- ◆ OBD2 cable splitter – especially if you use your existing OBD2 port for any Bluetooth vehicle status apps or Insurance telematics devices
- ◆ Micro SD Card for logs – recommend a reliable brand and speed (e.g., Sandisk A1/A2)
- ◆ Length of ¼” Split Wire Loom Tubing to protect wires from any sharp edges (recommended)
- ◆ USB-A to USB Micro (M-to-M) cord
- ◆ Automotive grade Zip Ties (High Temp)
- ◆ LEAF Cabin Air Filter (CF11177 or equivalent OEM filter)

OVMSv3.3 – Where to Buy Accessories?

- ◇ ¼” Split loom wire tubing – e.g., SLT14 (Approximately 8-12 feet needed)
 - ◇ Amazon, Home Depot, Lowes, Auto Zone, etc.
 - ◇ <https://www.amazon.com/gp/product/B07T8D42BQ>
- ◇ OBD2 splitter (fits Nissan factory under dash connector)
 - ◇ <https://www.ebay.com/itm/302368163665>
- ◇ Amazon also sells the GSM & GPS antennae if they are out of stock elsewhere
 - ◇ GPS: <https://www.amazon.com/gp/product/B07R7RC96G>
 - ◇ GSM: <https://www.amazon.com/gp/product/B07HP5RWJT>
- ◇ USB-A to USB-Micro (Male-to-Male) Device Communication Cable for PC comms
 - ◇ Most folks probably already have at least one of these sitting around somewhere
 - ◇ <https://www.amazon.com/gp/product/B003XRI6L2>

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Split Loom: <https://www.amazon.com/gp/product/B07T8D42BQ>

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OVMSv3.3 – More Information

- ◆ Where to find information?
 - ◆ Online User Guide: <https://docs.openvehicles.com/en/latest/introduction.html>
 - ◆ Also available as a PDF for easier offline or portable reading
 - ◆ Main website: <https://www.openvehicles.com/>
 - ◆ User Account is required, and you must “register” your vehicle on the site
 - ◆ Pre-Installation Steps
 - ◆ <https://github.com/openvehicles/Open-Vehicle-Monitoring-System-3/blob/master/docs/source/userguide/installation.rst>
 - ◆ LEAF Specific Settings / Details – Broken out by Model Years
 - ◆ https://docs.openvehicles.com/en/latest/components/vehicle_nissanleaf/docs/index.html
 - ◆ Source Code: <https://github.com/openvehicles/Open-Vehicle-Monitoring-System-3>

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Online User Guide:

<https://docs.openvehicles.com/en/latest/introduction.html>

Main website:

<https://www.openvehicles.com/>

Install docs:

<https://github.com/openvehicles/Open-Vehicle-Monitoring-System-3/blob/master/docs/source/userguide/installation.rst>

LEAF Specific Details:

https://docs.openvehicles.com/en/latest/components/vehicle_nissanleaf/docs/index.html

Source Code:

<https://github.com/openvehicles/Open-Vehicle-Monitoring-System-3>

Questions?

Contact Us:

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