**Introduction**

Expressfleet is a new, easy-to-install and easy-to-use GPS vehicle tracking solution from Verizon Connect Networkfleet.

Expressfleet fits most light duty vehicle OBD-II ports. Vehicles model year 2008 and newer will receive vehicle diagnostics and GPS location tracking functionality. Vehicles model year 2007 and older will receive GPS functionality only.

Depending on the location of the OBD-II port, Expressfleet may require a power harness. If a power harness is required:

- Only GPS functionality will be provided.
- It is considered a universal installation, which means the device can be installed on virtually any vehicle with operating voltage up to 18 VDC.

In normal operating mode with the key on, Expressfleet draws up to 50mA with an average maximum power of 30mA, and only 5mA with the key off at 12 volts.

Expressfleet does not support additional peripherals or accessories.

**Product Registration**

Complete the enclosed registration form before you begin installation.

Record the following information:

<table>
<thead>
<tr>
<th>VIN</th>
<th>License Plate</th>
<th>Year</th>
<th>Make</th>
<th>Model</th>
<th>Current Odometer</th>
<th>Unit Serial number</th>
</tr>
</thead>
</table>

The serial number is displayed on the bottom of the unit as “S/N” followed by a 15-digit number (609XXXXXXXXXXXXX).

**Installation tip:**

Metal walls and tall buildings may interfere with the reception from GPS satellites and the cellular network. Perform installation when the vehicle is in clear view of the sky. Conduct final installation verification after the vehicle has been running outside for 15 minutes.
Direct to OBD-II port installation

NOTE: Some OBD-II connectors may be hidden behind a hush panel in the driver’s console area while others are located at the bottom of the dash area.

1. With the vehicle’s engine off, use a digital multimeter to locate a 12-volt battery lead.
2. Attach the red wire by splicing directly to the lead with a butt connector or by using the poke and wrap technique described on page 4.
3. If you are attaching the device to power outside the cab, always use weatherproof fuse holders with 5 amp fuses and heat shrink butt connectors.

Installation with power harness

Red wire - Continuous power

1. With the vehicle’s engine off, use a digital multimeter to locate a 12-volt battery lead.
2. Attach the red wire by splicing directly to the lead with a butt connector or by using the poke and wrap technique described on page 4.
3. If you are attaching the device to power outside the cab, always use weatherproof fuse holders with 5 amp fuses and heat shrink butt connectors.

To determine a true continuous power source:

A. Ensure the driver door is open.
B. Select a wire.
C. With the vehicle’s engine off, use a digital multimeter to measure the DC voltage source, which should show 12.5 VDC or higher.
Installation with power harness (continued)

Black and brown wire - Ground
With the vehicle’s engine off, join the black and brown wires to a stainless steel ring terminal and use a self-tapping screw to secure them to a chassis ground or to the negative battery terminal.

Red wire - Continuous power
Black wire - Ground
Brown wire - Ground

Installation tip:
Always ensure that the Expressfleet device and power harness do not interfere with the driver or the vehicle’s moving parts.

Poke and wrap technique

1. Strip back the protective jacket on the vehicle’s source wire.
2. Poke the exposed wire using a probe or similar object and gently separate it into halves to create a loop in the wire.
3. Strip one inch off the end of the wire you are using to connect to the vehicle and twist its end.
4. Poke this wire through the loop then securely wrap it around the vehicle’s source wire. Press the wires flat.
5. Wrap the new connection with electrical tape.
6. Secure the taped section using a zip tie so the tape does not become loose in heat.

Installation verification

To ensure Expressfleet installation is complete, the vehicle must be idled or driven for at least 15 minutes to reach normal operating mode.

Certified installers should verify successful installation using their mobile installation verification account login credentials or by calling Verizon Connect Networkfleet Care.

Call Verizon Connect Networkfleet Customer Care at 866.227.7323 and select the option for installation verification.

Troubleshooting and tips

• Be sure to reconnect the Expressfleet device after service diagnostics or smog/emissions checks. Listen for two beeps indicating the device has power.
• Blown fuses are the most commonly encountered source of device trouble. If you are able, refer to your vehicle’s manual to locate the fuse marked OBD/cigarette lighter. Replace the fuse, if necessary.
• If your battery consistently reads 12.5 VDC or higher but seems to quickly lose charge, the vehicle may need to be taken to a qualified professional for inspection and testing. Along with any other inspection and testing the technician performs, request a Capacitance test, which compares the battery’s rated CCA value against its actual output.
• If the device still does not work, contact Verizon Connect Networkfleet Customer Care at 866.227.7323 for further assistance.

For questions or more information, contact your Customer Success Manager or email sdcustomersuccess@verizonconnect.com.