

# VIPER VEHICLE TELEMATICS INSTALLATION GUIDE

## SLINGSHOT MACHINE VIEW AND FLEET ANALYTICS

Slingshot Machine View and Fleet Analytics provide real-time machine and fleet information so users may make informed operational decisions.

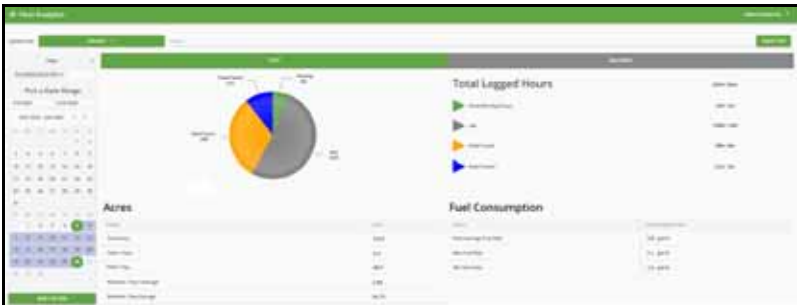
- Machine View monitors the machine position and provides a quick summary of the machine activity status, product level, and fuel/DEF levels.

**FIGURE 1. Machine View**



- Fleet Analytics offers statistics on productivity and efficiency – acres per day, fuel consumption, transit/working/idle time breakdown, and more.

**FIGURE 2. Fleet Analytics**



**NOTE:** A Slingshot account with at least a Gold subscription is required to take advantage of these features. Contact a Slingshot dealer to complete the system configuration.

# VIPER VEHICLE TELEMATICS INSTALLATION

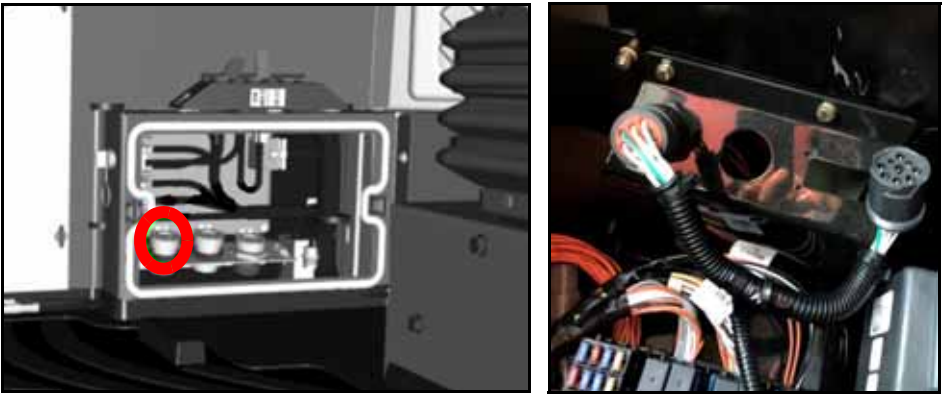
To access machine performance information, the Viper 4+ must be connected to the vehicle CAN bus of the machine.

## UNIVERSAL INSTALLATION

1. Locate the vehicle CAN tee cable (P/N 115-0172-602) and connect it to the diagnostic port located on the machine.

**NOTE:** If another device is already installed in the diagnostic port, relocate the previously installed device to the spare diagnostic port on the vehicle CAN tee cable.

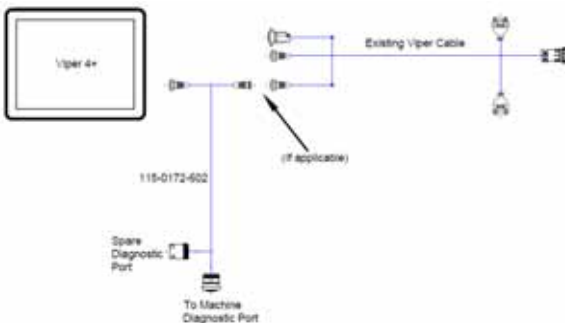
**FIGURE 3. Tee Connection at Diagnostic Port**



2. Connect the opposite end of the vehicle CAN tee cable to Port 5 at the back side of the Viper 4/4+.

**NOTE:** If another cable is already connected to Port 5, relocate the previously installed cable to the mating connector on the vehicle CAN tee cable.

**FIGURE 4. Universal Installation Wiring Diagram**



## AGCO ROGATOR C INSTALLATION

1. Disconnect the X-63 connector plugged into the front bulkhead connector at the electrical panel at the right side of the cab.

**FIGURE 5. X-59 Bulkhead Connector (Located Near Front of Cab)**



2. Remove the retaining nut from the bulkhead connector and pull the connector out of the electrical panel.
3. Remove the dust plug from cavity #19 and from cavity #20 of the connector.
4. Locate the Raven vehicle CAN cable (P/N 115-2001-074). Insert the yellow wire into cavity #19, and insert the green wire into cavity #20.

**FIGURE 6. Raven Vehicle CAN Cable Installed in Bulkhead**



5. Identify the X-59 J1939 connector inside the electrical panel and remove the dust plug.

**FIGURE 7. X-59 J1939 Connector**

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6. Connect the X-59 connector to the Raven vehicle CAN cable.

**FIGURE 8. X-59 Connected to Raven Vehicle CAN Cable**

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7. Reinstall the bulkhead connector and reconnect the X-63 connector.

# FENDT ROGATOR 900 SERIES INSTALLATION

Kit Part Number 117-0171-907

1. Remove the Access Cover.

**FIGURE 9. Access Cover and Bulkhead Plate**

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2. Remove the Bulkhead Plate.

**FIGURE 10. Bulkhead Plate**

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3. Disconnect the 12 Pin Connector from the ECU.

**FIGURE 11. 12 Pin Connector Connected to ECU**

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**12 Pin  
Connector**



4. Pull out the 12 Pin Connector through the bulkhead plate opening.

**FIGURE 12. 12 Pin Connector**

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5. Connect the cable (P/N 115-2001-078) to the 12 Pin Connector that was previously removed from the ECU.
6. Connect the remaining connector into the ECU.

**FIGURE 13. ECU Cable**

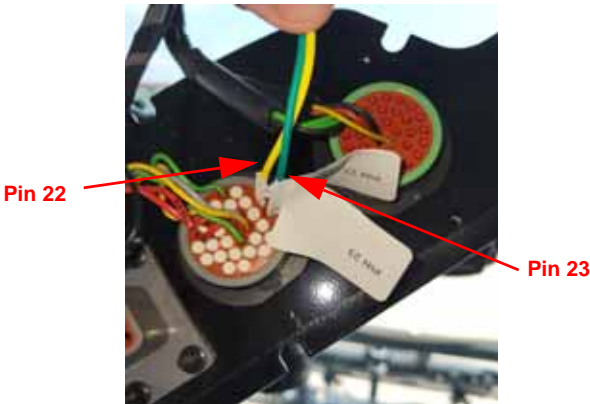
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7. Insert the pins from the ECU Cable into pin locations 22 and 23 as shown in the bulkhead plate connector.

**FIGURE 14. Pin 22 and 23**

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8. Disconnect the corresponding connector from the bulkhead plate.

**FIGURE 15. Bulkhead Plate Connector**

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9. Inset the Pins from the Tee Adapter Viper 4+ Cable (P/N 115-2001-077) into pin location 22 and 23 in the bulkhead plate connector.

**FIGURE 16. Bulkhead Pins 22 and 23**

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10. Route the Tee Adapter Viper 4+ Cable along existing harnesses.

**FIGURE 17. Tee Adapter Viper 4+ Cable Routing**

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11. Disconnect the CAN cable from the rear of the Viper 4.

**FIGURE 18. CAN Cable**

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12. Connect the Tee Adapter Viper 4+ Cable (P/N 115-2001-077) to the CAN Cable that was removed from the Viper 4.
13. Connect the remaining connector to the rear of the Viper 4.

**FIGURE 19. Tee Adapter Viper 4+ Cable**

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14. Install the Access Panel and Bulkhead Plate.
15. Install the Bulkhead Plate Connector.
16. Secure the Viper Tee Adapter Cable with tie straps.

**FIGURE 20. Secure Cable with Tie Straps**

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