

FuelFocus RF Vehicle ID Box

The RF Vehicle ID Box is a vehicle mounted microprocessor that authorizes the use of the fuel dispenser. The RF Vehicle ID Box removes the human input element from a fuel transaction by automatically transmitting the vehicle ID number, odometer, and hour meter to the FuelFocus Controller – virtually eliminating all errors in data. A completed transaction will have: day, date, time, vehicle ID number, odometer reading, hour reading, gallons of fuel received, location and pump # and optionally employee ID. When used in conjunction with the FuelFocus Mobile Controller, you can also have a GPS location of where the vehicle was fueled.

The RF Vehicle ID Box is a weatherproof unit that can be configured to count pulses on older model vehicles, or to obtain all the pertinent meter readings and diagnostic data directly from the engine computer. The FuelFocus RF Vehicle Box supports J1708 and J1939 for heavy duty equipment and J2284 (OBDII) for light duty vehicles. Please consult with your FleetFocus/FuelFocus representative for a complete listing of diagnostic data available.

Four types of RF Vehicle ID Boxes are currently available. Each RF Vehicle ID Box type supports two fuel inlet antenna rings for saddle tank applications. The RF Vehicle ID Box is powered by the vehicle's battery and is initially configured by programming data into the units' non volatile memory. All FuelFocus RF Vehicle ID Boxes also utilize flash technology for memory and upgrade capabilities for the future. See chart below for features and listing.



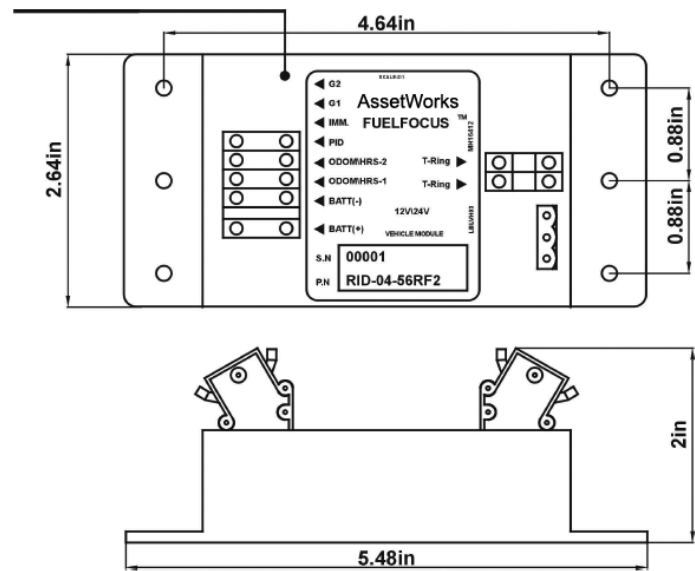
**FuelFocus RF Vehicle ID Box,
Antenna Cable and Antenna Mast**

	Single Input RID-04-54RF5	Dual Input RID-04-55RF5	J1708 Input RID-56-J1708-RF1	OBDII/J1939 RID-56-GEN-RF1-MAX
Vehicle Identification	⚙️	⚙️	⚙️	⚙️
Supports Odometer Capture	⚙️	⚙️	⚙️	⚙️
Supports Hour Meter Capture	⚙️	⚙️	⚙️	⚙️
Supports Product & Capacity Limits	⚙️	⚙️	⚙️	⚙️
Engine Diagnostic Data			⚙️	⚙️
Engine Fault Codes			⚙️	⚙️
VSS Speed Sensor Output	⚙️	⚙️		
J1708 Protocol			⚙️	
J1939 Protocol				⚙️
Canbus/OBDII Protocol				⚙️
Vehicle prior to 1996	⚙️	⚙️		



Specifications

- **Dimensions:** 5.48" x 2.64 x 2 in
- **Antenna Length:** 7"
- **Antenna Cable Length:** 60"
- **Weight:** 170g
- **Operation Temperature:** -50F to +150F
- **Power Supply:** 12V DC or 24VDC @ 25 mA
- **The VIB contains a transmitter module that complies with Part 15 of FCC Rules – FCC ID: JAKRM925**
- **Transmitting Output Power:** 0.06 Watts
- **Transmitting Frequency Range:** 914–928 MHz
- **Frequency Modulation:** Spread Spectrum



RF Vehicle ID Box Schematic

Description	Part Number
RF Vehicle ID Box - Single Input	RID-04-54RF5
RF Vehicle ID Box - Dual Input	RID-04-55RF5
RF Vehicle ID Box - J1708	RID-56-J1708-RF1
VIB WAF Canbus Dual Input No PID	RID-56-GEN-RF1-MAX

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