

UIM+

INTERMOTIVE
VEHICLE
CONTROLS

An ISO 9001:2015 Registered Company

Upfitter Interface Module[®] + (formerly AIM)

CAN Data Access with High Idle

Overview

- Passive CAN data acquisition
- High idle with park brake trigger (optional charge protect feature)
- Outputs can be programmed as momentary, latching, time-hold, time-delay or flashing
- Able to unlock doors via the OBDII interface
- Simple plug and play connection for CAN data
- Provides access to Electric Park Brake signal for the 2023 Ford Super Duty[®]

Features

- FLEXIBLE DESIGN: Saves time, cost and additional components; user interface makes programming output functions easy
- Multiple inputs can control a single output
- Eight high/low true outputs and two inputs
- Works with Ford, GM and RAM vehicle CAN, plus J1939 to provide real-time chassis data
- Warning LEDs offer easy troubleshooting
- Includes Intermittent Fault Filter[™] (IFF) technology to eliminate false readings

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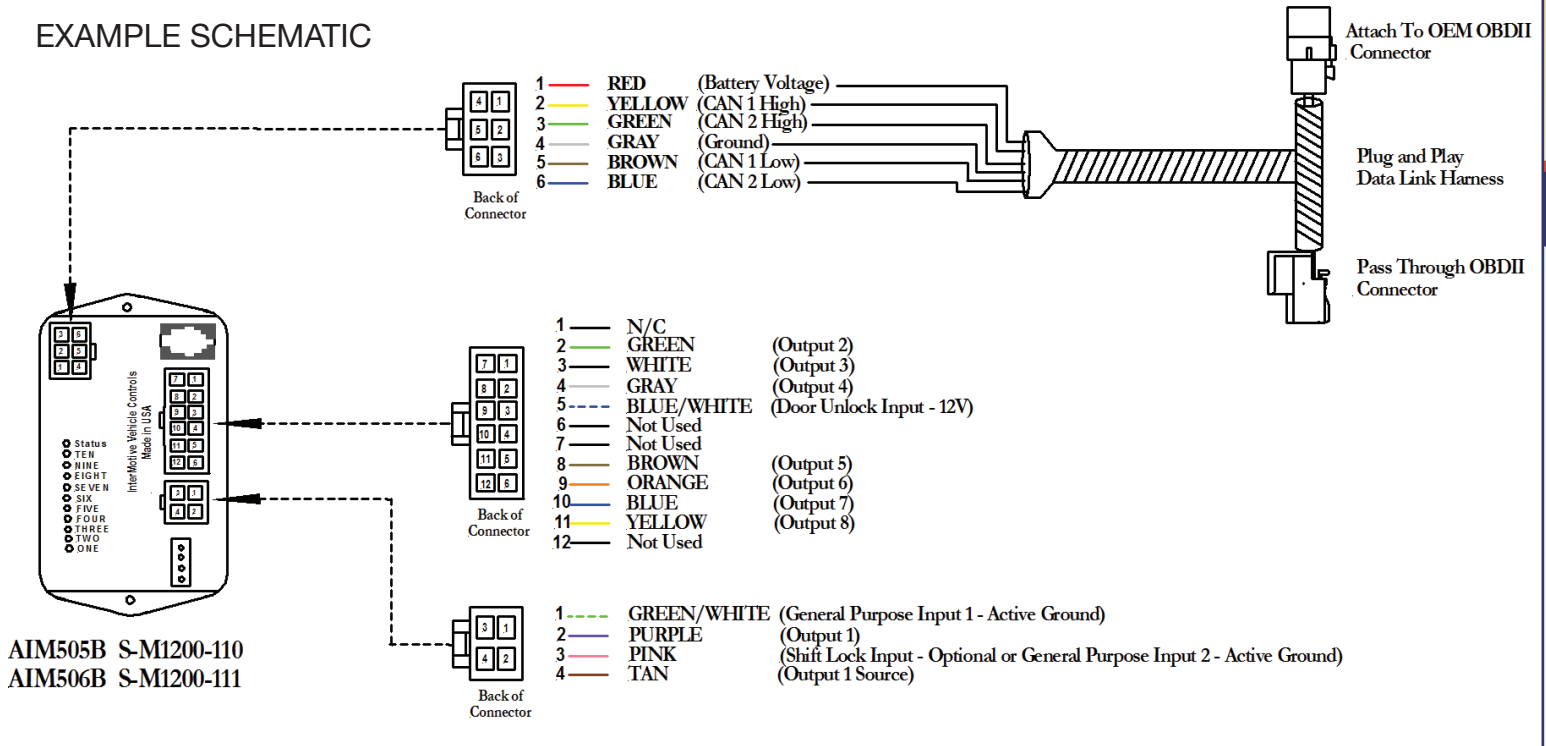
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Details

Product features may vary by make, model or year. See instructions for complete details.

EXAMPLE SCHEMATIC



SPECIFICATIONS

Number of Inputs	Two
Number of Outputs	Eight
Current Draw	150 mA
Quiescent Draw	< 2 mA (sleep current)
CAN Speed	High and medium speed
Temperature Range	-40°C to 80°C
Dimensions	4" L x 2" W x 1" H

AVAILABLE DATA INCLUDES: (partial list)

- **Transmission:** Range | Fluid Temperature
- **Lights:** External Lights* | High and Low Beams | Turn Signals
- **Doors:** Lock | Unlock
- **Brakes:** ABS Event | Park Brake and Electric Park Brake | Service Brakes
- **Other:** Vehicle Speed | Seatbelt
- **Engine/Fuel:** Clean Tach Output | Check Engine Light (MIL)** | Coolant and Oil Temp.† | RPM | Engine Running | Ignition Switch Status | Fuel Level | Intake Air Temp. | Throttle Position | Vbat | VSS (2.2 Hz/mph)

* Daytime running lights only work with Ford vehicles

** Check Engine Light Output does not work with RAM vehicles

† Oil Temperature only works with Ford vehicles