

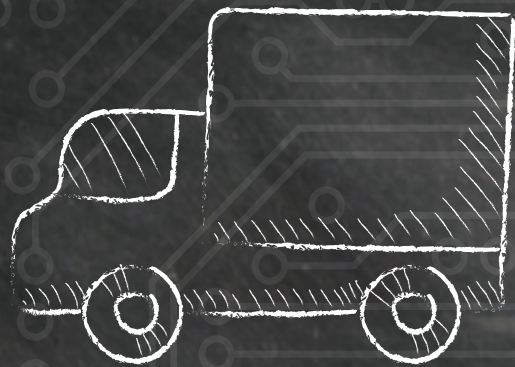
Work Truck Products



*An ISO 9001:2015 Registered Company*

# Teach your vehicles new tricks.

Products for Class 1-7  
Work Trucks and Vehicles





## What We Do For Work Trucks

InterMotive Vehicle Controls provides commercial safety and performance optimization products for class 1-7 work trucks and vehicles. Our plug-and-play electronic control systems leverage a vehicle's own data networks to enhance its function in new ways.

Whether you're looking for idle mitigation, equipment control, theft prevention, interlocks, warning systems, network connection compatibility or more, we've got you covered.

### CAN Data Products

- Aftermarket Interface Module™
- Bluetooth Module
- Break Out Box
- FlexTech™
- J1939 Translator
- Upfitter Interface Module®

### Fwd/Rev Camera Systems

- Camera Controller
- HawkEye™ Reverse Assistance

### High Idle Products

- Advanced Fast Idle System
- Aftermarket Interface Module™
- Remote Start with High Idle

### Idle Mitigation Products

- EcoStar™
- EcoStar™ III
- eVolution
- Idle Timer Controller

### Interlocks

- Remote Start with High Idle
- Work Truck Shift Interlock

### Load Control

- FlexTech™

### Safety/Security Products

- AutoGARD™
- CATAlert™
- Door Lock Module
- Dump Truck Warning System
- EcoStar™ III
- Engine Monitoring & Shutdown System
- FlexSpeak™
- IdleLock™ / IdleLock with AutoSense™
- LockBoss™
- Remote Start with High Idle
- Speed Sentinel™
- Tail Light Controller
- TempGuard

### Speed Limiter

- Speed Sentinel™

### Switch Control

- Vehicle Interface Module





## Work Truck Products

### Advanced Fast Idle System

Field adjustable high idle system idles at three customizable speeds. Provides auto battery charge protection.

### Aftermarket Interface Module™

This system combines high idle and Upfitter Interface Module® technology as a fully programmable and customizable power relay unit.

### AutoGARD™

Anti-theft shift lock that activates automatically when placed in Park. Designed for frequent exiting of vehicles that need protection from theft or unauthorized movement.

### Bluetooth Module

Provides vehicle data via Bluetooth-enabled devices for third-party software packages over J1939 communications bus.

### Break Out Box (BOB/BOBe™)

A multi-access hub for vehicle network connections, reducing compatibility issues and the need for multiple harnesses. BOBe provides passive data acquisition with an auxiliary CAN network for third-party devices.

### Camera Controller

This camera system will activate up to three cameras when turn signals are on or transmission is in Reverse.

### CATalert™\*

An anti-theft alarm that helps prevent catalytic converters from being stolen and works on any commercial vehicle chassis. Any attempt to remove the catalytic converter or disable CATalert will honk the horn. An output signal provides additional functions to deter and/or report theft.

### Door Lock Module

Provides complete chassis security with the ability to lock/unlock all doors including compartments and/or cabinets using a switch, keypad or OEM key fob.

### Dump Truck Warning System

Fully automatic system alerts the driver when the dump body is up and the vehicle is moving above a configured speed. *Sold exclusively through Protek.*

### EcoStar™

Automatic engine stop/start system provides enhanced fuel economy and prevents unnecessary idling. Stop/start conditions are fully customizable.

### EcoStar™ III

This Bluetooth-enabled idle mitigation system works with the key in or out of the ignition for added security. A free mobile app allows for custom configurations, remote stop/start and real-time data. Automatic door lock/unlock feature uses an InterMotive fob with AutoSense™ technology.

### Engine Monitoring & Shutdown System

Monitors specific powertrain conditions and initiates a warning and engine shutdown sequence if a problem is detected. Helps prevent engine and transmission damage.

### eVolution

An intelligent engine stop/start system designed to automatically charge the OEM and auxiliary batteries based on customizable conditions.

### FlexSpeak™

Automated voice annunciator system for configurable driver, passenger and external announcements.

### FlexTech™

Complete vehicle electrical load control system, customizable to your needs. FlexTech connects electronic modules through the vehicle network to reduce the need for wiring.

### HawkEye™ Reverse Assistance

Front/rear object detection system with LCD display. Alerts the driver with both visual and audible warnings.

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## Work Truck Products *continued*

### **IdleLock™ / IdleLock with AutoSense™**

A theft prevention system that allows the engine to idle securely with the key removed from the ignition and the transmission locked in Park. All lights, equipment and HVAC are fully functional while engaged. IdleLock with AutoSense uses the key fob location to automatically activate the system.

### **Idle Timer Controller**

Programmable idling engine shutdown system automatically turns the engine off based on time. Override and disable versions allow the engine to idle when equipment is in use.

### **J1939 Translator**

Uni-directional communications portal that translates Ford's CAN network for J1939-based systems.

### **LockBoss™**

Offers total vehicle security by locking and arming vehicle cabinets and tool boxes using the OEM fob. An alarm will sound if a locked cabinet is opened without the fob.

### **Remote Start with High Idle**

Allows for remote stop/start of the engine with the key out of the ignition for added security. Includes high idle and shift lock.

### **Speed Sentinel™**

Limits the maximum speed a vehicle can travel. Includes a mode for passing traffic and an emergency response override.

### **Tail Light Controller**

Interface between OEM and aftermarket LEDs that provides combined turn/brake outputs and communicates via the chassis CAN network.

### **TempGuard**

Monitors the engine coolant temperature (ECT) and initiates dual warning alerts via a buzzer and LED panel if parameters are exceeded.

### **Upfitter Interface Module®**

The UIM provides access to CAN vehicle data, (e.g., MPH, RPM, brake status) in order to activate or control equipment in customized ways.

Up to eight outputs can be programmed using boolean logic (AND, OR, =, < and > statements) to create the desired conditions. Each output can be configured as momentary, latching, time-hold, time-delay or flashing.

### **Vehicle Interface Module**

Allows an aftermarket radio to be controlled with the OEM steering wheel radio buttons and provides real-time chassis signals.

### **Work Truck Shift Interlock**

Fully automatic shift interlock system prevents shifting out of Park when equipment is not in a secure position.



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