

WORK TRUCK PRODUCTS



Teach your vehicles new tricks.

Idle reduction, anti-theft, safety and performance products for class 1-7 work trucks and vehicles



INTERMOTIVE
VEHICLE
CONTROLS

An ISO 9001:2015 Registered Company

ABOUT

What We Do

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

Working closely with chassis and vehicle manufacturers, upfitters and fleets, we design and build products that address safety and performance challenges with practical, custom-tailored solutions.

Product Solutions Your Way

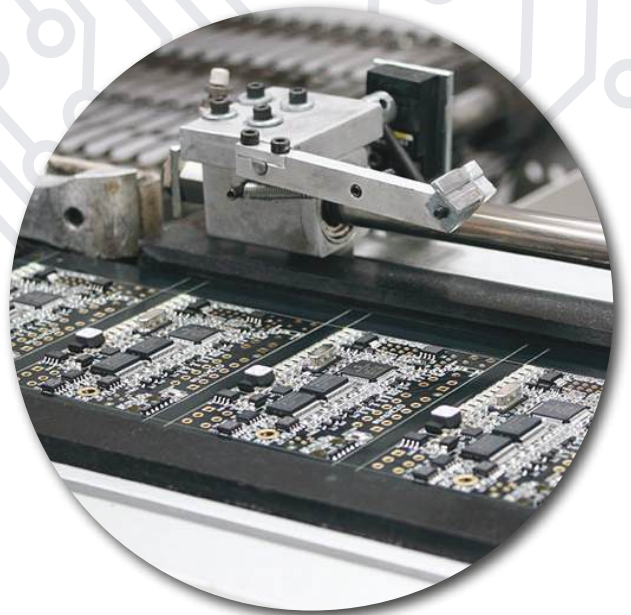
Our systems include plug-and-play connections to the OEM chassis that minimize or completely eliminate cutting of factory wires.

To accommodate your unique needs, many InterMotive products allow for custom programming. You can choose to order pre-configured modules, custom configs or program yourself.

Downloadable programming utility software and mobile apps provide instant-change capabilities, so your vehicles function exactly how you want.

Proudly Built in the U.S.A.

Our products are manufactured and assembled in-house by our team of dedicated, highly trained employees. Our on-site engineering team often designs product solutions within weeks, versus OEM improvements, which can take years.



CAN DATA PRODUCTS



Break Out Box (BOBe™)

Vehicle Network Multi-Access Hub

WHAT IT DOES

- Connects multiple devices to the CAN bus
- Provides passive data acquisition using an auxiliary CAN network

WHY YOU WANT IT

- Removes compatibility issues by decreasing conflicting active requests on the network
- Eliminates the need for multiple harnesses linked to the OBDII/Gateway



Upfitter Interface Module® (UIM)

Programmable CAN Data Access System

WHAT IT DOES

- Provides access to CAN vehicle data to activate and control equipment

WHY YOU WANT IT

- Easily programmable using our Graphical User Interface with AND/OR logic
- Access to real-time chassis data allows you to customize up to 8 outputs

J1939 Translator

Uni-directional Communications Portal

WHAT IT DOES

- Allows third-party J1939 devices to be installed on vehicles that do not support its protocol by translating CAN network data

WHY YOU WANT IT

- Transmits all processed J1939 data and does not interfere with the vehicle's data stream

Upfitter Interface Module® +

CAN Data Access with High Idle



WHAT IT DOES

- An advanced UIM product featuring a high idle function and configurable outputs that utilize vehicle data to control loads

WHY YOU WANT IT

- Fully customizable and programmable using our Graphical User Interface software
- Minimizes battery charging time and improves AC performance
- Remote lock function allows control of doors and cabinets using the OEM fob

HIGH IDLE PRODUCTS

Advanced Fast Idle System

Automatic High Idle

WHAT IT DOES

- Idles at up to three customizable speeds
- Automatically protects the battery if voltage drops

WHY YOU WANT IT

- Provides more power when operating equipment
- Improves AC performance

See also:

- *Upfitter Interface Module +*
- *EcoRaiser*

IDLE MITIGATION SYSTEMS



EcoRaiser

Idle Reduction with Remote Start and High Idle

WHAT IT DOES

- Automatically turns the engine off and on based on configurable parameters
- Allows for manual remote start from outside the vehicle and engages high idle for equipment use

WHY YOU WANT IT

- Idle mitigation function helps reduce fuel costs
- High idle and remote start functions make operating vehicle equipment easier with improved performance
- Shift lock and key out mode prevents theft

EcoStar™

Idle Reduction System

WHAT IT DOES

- Automatic engine stop/start system prevents unnecessary idling

WHY YOU WANT IT

- Stop/start conditions are fully customizable
- Helps cut idling fuel consumption
- System leaves battery power on to operate lights and auxiliary equipment
- Prevents excessive engine wear and maintenance costs
- Reduces carbon dioxide emissions

EcoStar™ III

Key In/Out Idle Reduction System

WHAT IT DOES

- Enhanced automatic engine stop/start system provides anti-theft and added customization functions
- Prevents idling, saves fuel and money

WHY YOU WANT IT

- Includes anti-theft features (key-out mode, shift lock and automatic door lock)
- Mobile app allows users to custom program settings, enable manual remote start and track real-time chassis data



eVolution & eVolution+™

Intelligent Engine Stop/Start Systems

WHAT IT DOES

- Charges the OEM and auxiliary batteries by automatic stop/start of the engine
- eVolution+ includes HVAC control function, high idle and anti-theft features

WHY YOU WANT IT

- Allows full use of the vehicle's equipment without concerns about draining the battery
- Stop/start conditions are fully customizable
- Optimizes fuel economy and helps prevent engine wear from prolonged idling



Idle Timer Controller

Idling Engine Shutdown System

WHAT IT DOES

- Automatically shuts the engine down after a set period of time (configurable)
- Prevents unnecessary idling

WHY YOU WANT IT

- Helps meet state and local anti-idling regulations
- Allows override if equipment is in use

INTERLOCKS

Work Truck Shift Interlock

Automatic Shift Interlock System

WHAT IT DOES

- Prevents shifting out of Park when equipment is not in a secure position

WHY YOU WANT IT

- Reduces the potential for personal injury or equipment damage

OBSTACLE DETECTION



Camera Controller

Expanded View Safety System

WHAT IT DOES

- Activates up to three cameras when turn signals are on or the transmission is in Reverse

WHY YOU WANT IT

- Increases the driver's range of vision while the vehicle is moving; improves limited lines of sight

SAFETY



Engine Monitoring & Shutdown System

Automated Powertrain Protection

WHAT IT DOES

- Monitors powertrain conditions and initiates a warning and engine shutdown sequence if parameters are exceeded

WHY YOU WANT IT

- Helps prevent engine/transmission damage

SPEED LIMITER

Speed Sentinel™

Road Speed Limiter

WHAT IT DOES

- Limits the maximum vehicle speed, but does not limit the engine output



WHY YOU WANT IT

- Helps prevent accidents and unsafe conditions
- Includes modes for passing traffic, emergency override and a theft deterrent feature

HawkEye™

Object Detection System



WHAT IT DOES

- Using ultra-sonic sensors in the front and rear bumpers of the vehicle, the system alerts the driver with visual and audible warnings

WHY YOU WANT IT

- Automatically activated when in Reverse
- LED display makes it easy to determine the location and distance of the object

TempGuard

ECT Warning System

WHAT IT DOES

- Monitors the engine coolant temperature (ECT) and initiates a warning if a problem is detected

WHY YOU WANT IT

- Reduces the chances of the engine overheating, which could lead to expensive repairs

THEFT PREVENTION PRODUCTS



AutoGARD™

Anti-Theft Automatic Shift Lock

WHAT IT DOES

- Locks the transmission automatically every time the vehicle is placed in Park

WHY YOU WANT IT

- Provides instant security when the driver exits the vehicle
- Works with the key in or out of the ignition; the engine can be on or off
- Easy one-handed operation to disengage the system using a discrete stealth switch



CATalert™

Catalytic Converter Anti-Theft Alarm

WHAT IT DOES

- Helps prevent stolen catalytic converters

WHY YOU WANT IT

- Warns away thieves with an audible alarm
- Option to report real-time tampering via telematic devices
- Protects costly replacement parts

Door Lock Module

Complete Chassis Security

WHAT IT DOES

- Allows user to lock/unlock all doors including compartments and cabinets using a switch, keypad or OEM key fob

WHY YOU WANT IT

- Simple and complete theft protection
- Minimal connections to OEM wiring

IdleLock™ & IdleLock with AutoSense™

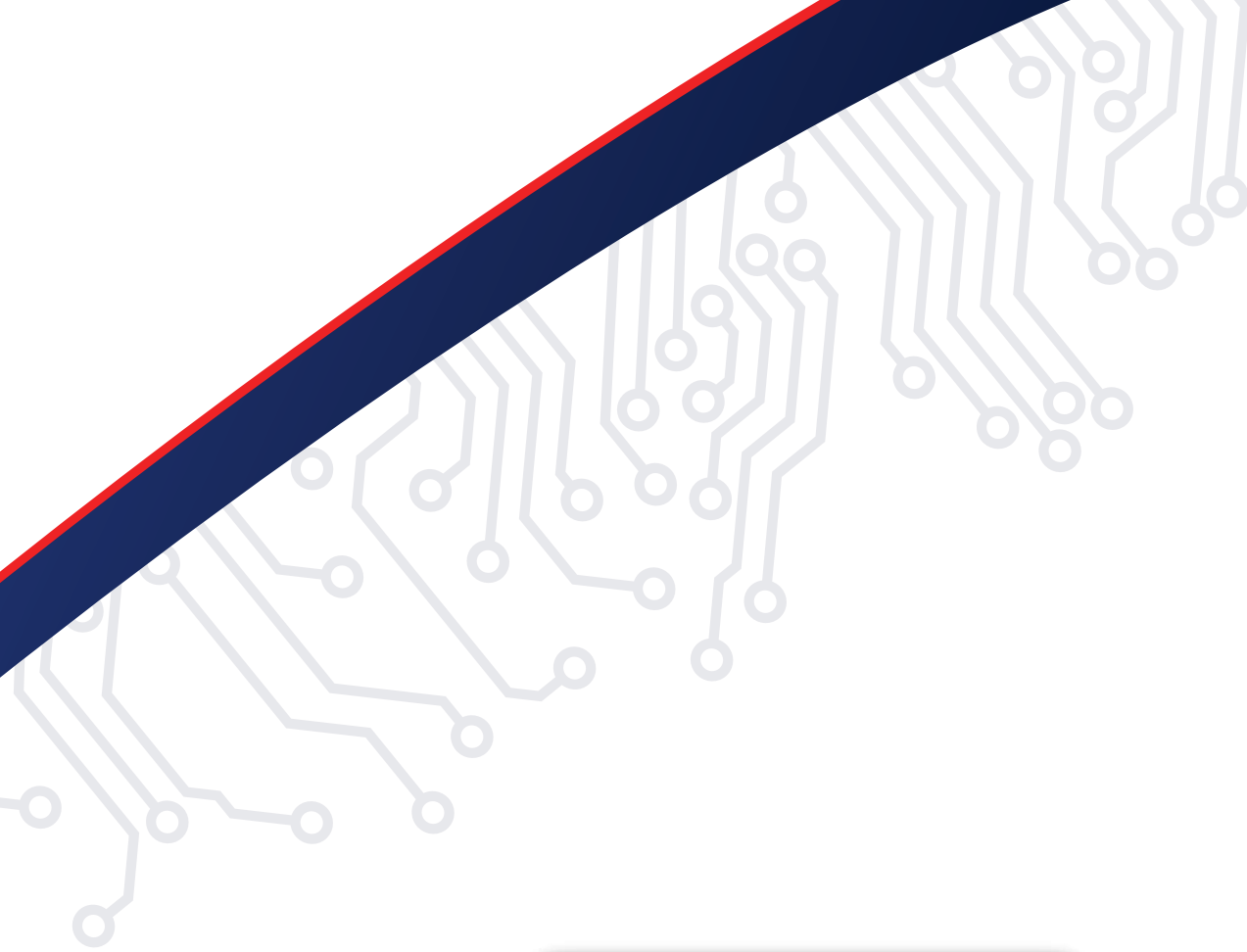
Anti-Theft for Idling Vehicles

WHAT IT DOES

- Allows the engine to idle with the transmission locked in Park
- AutoSense version uses the key fob location to automatically activate the system

WHY YOU WANT IT

- Prevents vehicle theft while all lights, equipment and HVAC are fully functional
- Driver can remove the key and lock the doors for added protection
- AutoSense version provides automatic security without the need to press a button



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