

Advanced Fast Idle System

Transit Division

Completely Automatic High Idle System

Features & Benefits

- ★ Dynamic Load Response (DLR) technology; monitors engine RPM & maintains speed at all load conditions
- ★ System is fully self-adjusting... No adjustments are ever needed
- ★ Dash-mounted Control Panel has LEDs to display electrical system and AFIS status
- ★ 100 % "Plug & Play" OEM vehicle connectors... Superfast installation & no cutting of factory wires
- ★ Solid state, microprocessor controller... No additional solenoids, cables, or brackets
- ★ Diagnostic Trouble Codes can be retrieved for "hard" faults & intermittent faults in non-volatile memory
- ★ CPU performs self-diagnostics every time vehicle is started
- ★ Intermittent Fault Filter (IFF)[®] technology filters out erroneous changes in sensor signals
- ★ Can be used in conjunction with Intelligent Lift Interlock System (ILIS)



The *Advanced Fast Idle System* (AFIS) automatically increases engine speed anytime the vehicle voltage drops below 11.5V and the vehicle is in Park *and* the park brake is set. This allows for the vehicle's charging system to provide more charge back to the battery during idle conditions. The system can also be manually engaged to increase air conditioning compressor speed and performance. Releasing the park brake or applying the service brake will disengage the AFIS system. Dynamic Load Response, quick and complete system diagnosis, and high system reliability make AFIS the best choice for a high idle system!



AFIS LED Display Panel



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www.intermotive.net (800) 969-6080



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How It Works

The microprocessor-controlled AFIS utilizes OEM sensor inputs from the parking brake, transmission, engine, and charging system in order to determine that conditions are safe and high idle is needed. When all conditions are met, the AFIS will automatically increase engine speed to 1500 RPM for up to 15 minutes or until the driver releases the park brake or steps on the service brake. Engine speed is automatically maintained at 1500 rpm as loads are added or removed (ie: A/C compressor, wheelchair lift, etc.). Furthermore, the AFIS can be manually engaged via the dash-mounted control panel whenever high idle is desired and it is safe to do so. The CPU offers complete diagnostics via live (hard) and memory codes. It also utilizes Intermittent Fault Filter (IFF)[®] technology on all sensor inputs to filter out erroneous changes in sensor signals.

Safe, Simple and Reliable

The Advanced Fast Idle System (AFIS) is safe, simple and reliable. The system's high reliability is due, in part, to the use of OEM connectors at each vehicle interface and an innovative use of original switches and electronics already on the vehicle. These special features eliminate the need for any additional solenoids, cables, brackets, or wire splices. A system with no moving *and* fewer parts make for a more reliable system!

Easy Installation

Manufacturers and installation shops always want a system that's easy to install. The AFIS' installation was simplified by using "plug & play" OEM vehicle harness connectors. Just plug the AFIS harness connector between the two parts of the OEM connector. It's that easy!



Advanced Fast Idle Module (AFIS)

APPLICATIONS

Contact InterMotive Products for a complete list of applications or visit them on the internet at www.intermotive.net

WARRANTY INCLUDED:

InterMotive Products' Advanced Fast Idle System will not void any existing manufacturers warranty. InterMotive, Inc. provides high quality products combined with excellent customer service and technical support. Each of InterMotive's products are American-made using only the highest quality components and are covered by a limited warranty*.

*warranties vary per product, please contact your dealer or InterMotive directly for specific coverage details.



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