

Advanced Fast Idle System (AFIS)

Automatic High Idle System



Overview

- Automatic or manual elevation of the vehicle's RPM up to three customizable speeds
- Setting the Park brake is not required, but is a configurable feature
- The system will automatically engage if the battery voltage drops below 12.5 volts (configurable)
- Simple plug and play connections to the OEM chassis

Features

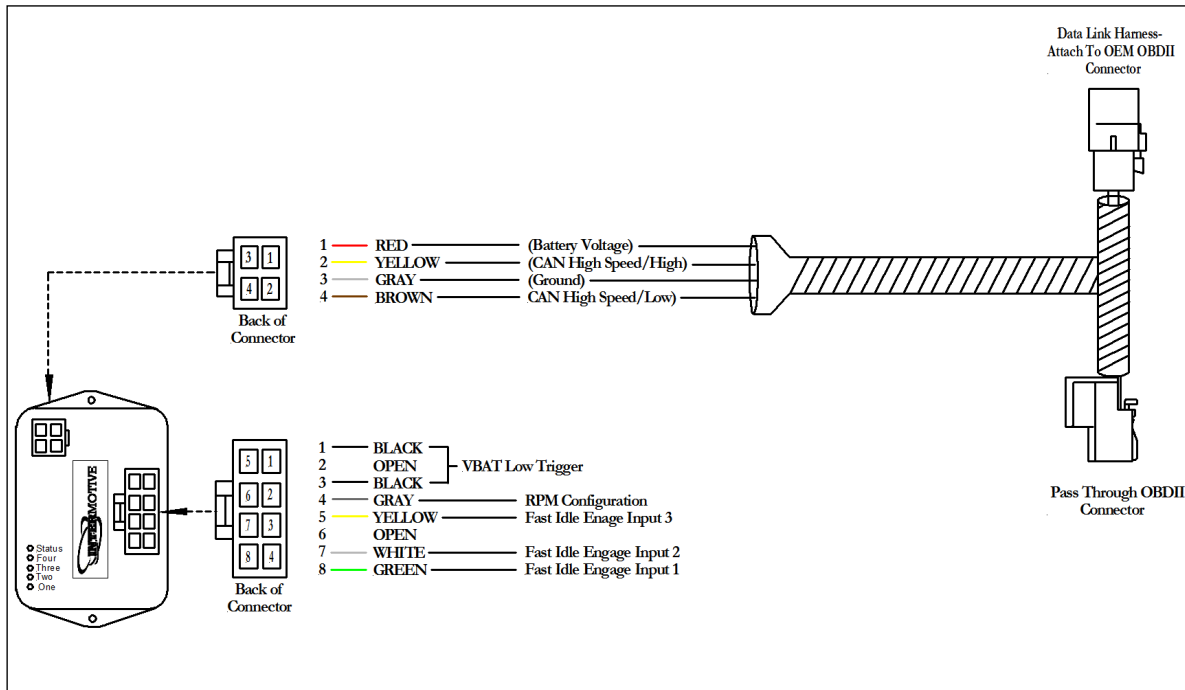
- Dynamic Load Response (DLR) technology monitors engine RPM and maintains speed at all load conditions
- Includes on-board LED diagnostics
- CPU performs a self-diagnosis every time the vehicle is started
- The vehicle must be in Park for the system to engage
- High idle RPM levels are field programmable
- Includes Intermittent Fault Filter™ (IFF) technology to eliminate false readings

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Specifications

EXAMPLE SCHEMATIC



SPECIFICATIONS

Number of Inputs	Three
Current Draw	~ 60 mA
Quiescent Draw	~ 15 mA (sleep current)
CAN Speed	High speed
Temperature Range	-40°C to 80°C
Dimensions	3"L x 2"W x 1"H