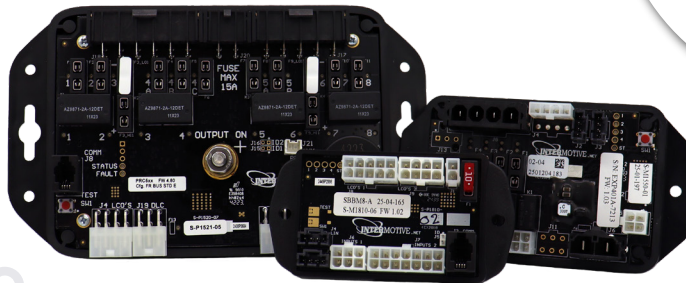


# FlexTech™

## Programmable Electrical System



### Overview

- Simple multiplex system designed to control loads and customize vehicle operation
- Connects electronic modules through the overall vehicle network, reducing the need for wiring
- Can add optional modules to create an entire custom control system
- Uses real-time chassis data to control loads
- Simple plug and play connections to the OEM chassis

### Features

- Centralizes and improves diagnostic capabilities; eliminates the need for timers, flashers, latching relays and multi-relay logic
- Access to InterMotive's graphical interface allows for customization for the entire system
- Communicates with Ford and Chevy CAN as well as J1939
- Foundation of the system is a Programmable Relay Power Center
- Warning LEDs offer easy troubleshooting
- Utilizes Upfitter Interface Module® technology
- Includes Intermittent Fault Filter™ (IFF) technology to eliminate false readings

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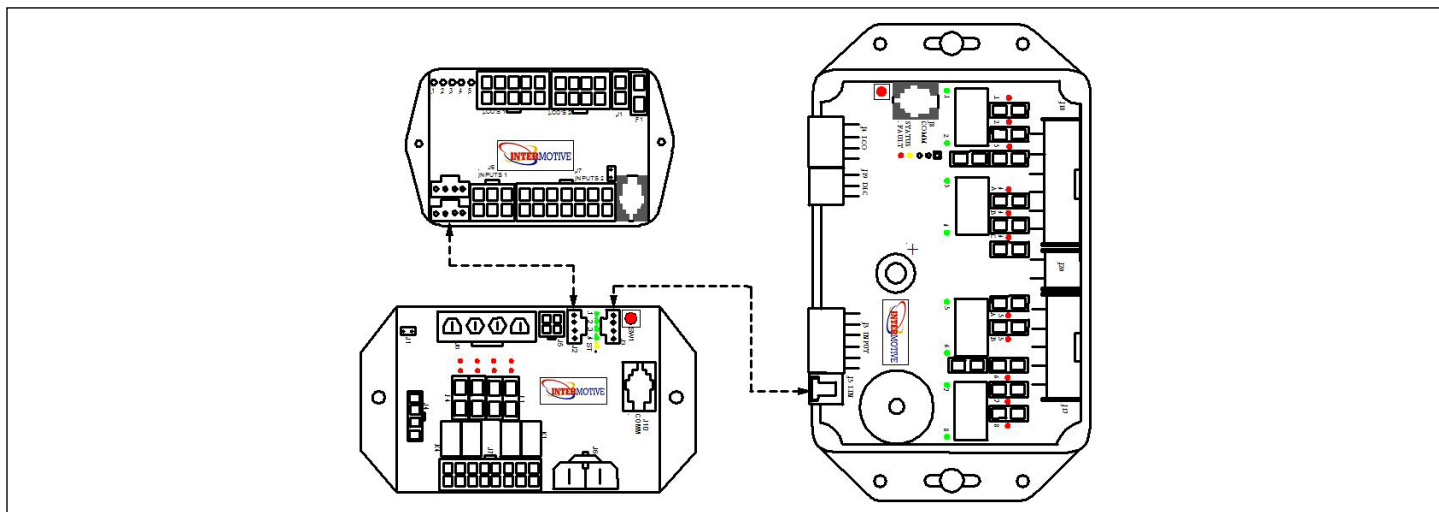
**LGS GROUP**  
AUTOMOTIVE TECHNOLOGIES

775-831-2002 | [www.InterMotive.net](http://www.InterMotive.net)



## Specifications

### EXAMPLE SCHEMATIC



## COMPONENTS

### Programmable Relay Power Board (PRPC)

- Eight programmable relay power outputs
- Ten separate digital inputs
- Eight programmable low-current outputs:  
Seven sourcing (0.5 A), one sinking (0.5 A)
- Outputs can be configured as momentary, latching, flashing or timed
- Easy diagnostics with LED indicators
- Programmable audible patterns for multiple uses

### Expansion Board (Optional)

- Four 10 A relay fused outputs
- Four 1 A low-current outputs
- Four active low outputs
- Loads controlled by the PRPC

### Switch Backer Board, SBB4/SBB8 (Optional)

- Controls system inputs and outputs
- Four or eight switches and light outputs
- Two switch backer boards of either size can be used together
- Six outputs: Two 1 A and four 0.5 A
- Compatible with any brand of switches

### Other Module Options

- Gateway: Compliant FMVVS 403/404 wheelchair interlock and high idle system
- Advanced Fast Idle System (AFIS): Adjustable system with battery charge protection and optional air conditioning auto trigger
- BrakeMax: Tow haul mode for reduced brake wear and increased transmission durability for heavily loaded vehicles