

HIGHLOCK

High Idle & Lift Interlock With Electrical Load Control

FEATURES & BENEFITS

- ◆ Fully compliant FMVSS 403/404 wheelchair lift interlock
- ◆ Dynamic Load Response (DLR) technology– monitors engine RPM & maintains speed at all load conditions
- ◆ Charge protect on gas & diesel engines
- ◆ Prevents shifting vehicle out of Park with Lift Door open or Park Brake applied—avoiding possible accidents or vehicle damage
- ◆ Dash-mounted control panel has LEDs to display current system status
- ◆ Simple, single-point “Plug & Play” connection.. Super fast installation & No cutting of factory wires
- ◆ Solid state microprocessor controller.. No additional solenoids, cables, or brackets
- ◆ Intermittent Fault Filter (IFF)® technology filters out all erroneous changes in sensor signals
- ◆ A High idle & a fully compliant Lift Interlock all in one, easy to install module!



HIGHLOCK MODULE

WHY HIGHLOCK?

HighLock is a fully Compliant FMVSS 403/404 wheelchair interlock & fast idle system all in one, easy to install module!

- ◆ **Fast Idle**– Monitors OEM sensor inputs from transmission, engine, charging system, air conditioner, ambient air temperature, & vehicle speed to determine if high idle is needed. Automatically maintained when loads are added or removed such as A/C or wheelchair lift. Active whenever the vehicle is in “Park”, with or without the park brake set.
- ◆ **Lift Interlock**– Controls transmission shift lock by processing signals from transmission, Parking Brake and lift door to electronically lock down the vehicles ability to move when the lift is deployed.



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Rev. C



HIGHLOCK



Standard HighLock LED Panel



Optional HighLock Door Ajar LED Panel



SPECIFICATIONS

Physical Specifications:

Dimensions: 2.0"W x 4.0"L x 0.9"H
Weight: .14 lbs
Operating Temperature: 40°C to 85°C

Electrical Specifications

Power Input: +8 to 16 Vdc @ 1 amps for module control
+8 to 16 Vdc @ 8 amps for lift enable
Lift Enable: +12v @ 8 amps

US Patent No's. 6,594,565 / 6,965,819 / 7,274,980

OTHER GREAT INTERMOTIVE PRODUCTS

- ◆ Gateway^{AI}
 - ◆ Gateway^{AI} is InterMotive's top of the line fast idle/lift interlock system. It is a fully automatic system that can be configured to provide the customer with "real-time" chassis data for various monitors or functions. When combined with other InterMotive components, it becomes a very powerful control system.
- ◆ Gateway with BrakeMax Controller
 - ◆ All of the features of the Gateway/ILIS plus a controller for Ford & GM vehicles with Tow/ Haul mode. This controller engages the Tow/Haul mode on start-up of the vehicle thereby providing the fleet with maximum "Tow/ Haul" mode benefits without having the driver think about it.
- ◆ Gateway with DuraTrans
 - ◆ All of the features of the Gateway/ILIS plus a controller for Ford & GM vehicles with an Overdrive button. Overdrive is disabled until the vehicle speed reaches 55 MPH. Overdrive will not be disabled until the vehicle speed drops below 30MPH



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