

The Seat Priority Selector Module is a member of Intellitec's Electro-Mechanical Control family. It works as a stand-alone module and is protected by OEM external fuse rated at no more than 30 Amps.

The Seat Priority Selector Module provides the application control for supplying fused power to one seat at a time with the Driver's seat having priority over the passenger seat when the seat selector is pressed.

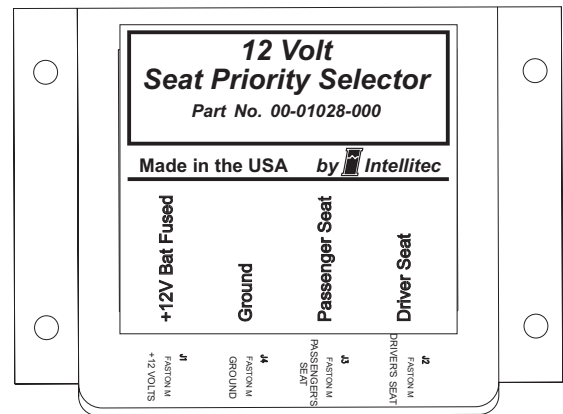
### **How Does it Work**

Intellitec's Seat Priority Selector is designed to share a single common power feed between the driver and passenger seat adjustment motors.

To operate the Seat Priority Selector, the user presses either the driver's or passenger seat switch to activate. The Seat Selector prioritizes the driver seat to be given priority over the passenger seat operation. Only one seat can operate at a given time to prevent over load of the power source.

The module includes a minimum current threshold, (4 Amps), that must be maintained in order for proper operation of the module.

**Warning**, If the voltage is less than 10.0 volts, the Seat Selector module will not operate and damage will occur to the module .



The approximate module dimensions are:  
4.25" x 4.25" x 1.375" (10.8cm x 10.8cm x 3.5 cm)

### **Troubleshooting Guide**

- ✎ Maximum fused current supplied to module is 30 Amps.
- ✎ Circuit protection (Fuse rating is 30Amps Max) is external of module.
- ✎ Only 1 seat is intended to operate at one time.
- ✎ If both seats can be operated simultaneously, check module ground tab, (J4), for continuity to Battery supply ground.
- ✎ Check for proper operation of reed switch, (Sw1).
- ✎ Check for presence of fused Battery Supply voltage, (J1), Minimum is 10 VDC).
- ✎ Check for presence of minimum activation current for reed switch of 4 Amps.
- ✎ Loss of Battery ground to module will allow simultaneous operation of both passenger and driver seats which exceeds the total recommended current draw for module.



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# Seat Priority Selector Module

00-01028-000

## Specifications

Part Number: 00-01028-000  
Operating Voltage: 10.0 to 16 VDC

Current carry capabilities:  
 Continuous current **Not to Exceed 20 Amps** per output channel  
 Max Current Draw: 30 Amps, OEM provided external fuse input power  
 Minimum Activation Current 4 Amps

Operating Temperature: -40 C to + 85 C (-40F to +185 F)  
 Operating environment: Protected from direct weather

## MATING CONNECTIONS

Designator	Function	Connector
J1	Fused Battery Supply	.250 Tab Terminal, Faston
J2	Driver Seat Output	.250 Tab Terminal, Faston
J3	Passenger Seat Output	.250 Tab Terminal, Faston
J4	Battery Ground*	.250 Tab Terminal, Faston

\* Do not connect Load (Seat/Motor) return to module Ground tab.

