



# **EQ SYSTEMS SLIDE CONNECTIONS**

## **SLIDE WIRING OVERVIEW**



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## HYDRAULIC SLIDES

EQ Systems slide wiring controls single or dual hydraulic slides. Wiring connections are typically provided via a 4-pin connector/pigtail for one or two slides.

- **Motor Run Extend Command:** Solid Blue wire
- **Motor Run Retract Command:** Solid Green wire
- **Slide Selection:**
  - Slide 1:** Green with trace
  - Slide 2:** Purple with trace

Wiring from the connector into the coach, including switches or interior controls, is generally supplied by the coach manufacturer.

### **Slide Numbering Convention**

Hydraulic slides are labeled starting from the **driver side (left)** of the vehicle:

- **Slide 1:** Front-most slide
- **Slide 2:** Next slide moving counterclockwise around the coach

### **Slide Valve Wiring Specifications**

<b>Slide #</b>	<b>Manifold Label</b>	<b>Valve Wire Color</b>	<b>Voltage / Amperage</b>
Slide 1	Green S1	Green with trace	12 VDC / 2–4 amps
Slide 2	Purple S2	Purple with trace	12 VDC / 2–4 amps

### **Motor/Solenoid Wiring Requirements**

<b>Function</b>	<b>Wire Color</b>	<b>Voltage / Amperage</b>
Motor Run Extend	Solid Blue	12 VDC / 2–4 amps
Motor Run Retract	Solid Green	12 VDC / 2–4 amps

**Important:** When not operating, all command signal connections must be completely off (zero voltage) and **not connected to ground**. This is especially critical for motor run extend/retract wires, which also receive signals from the leveling system control.

## Operation Examples

### To Extend Slide 1:

Apply 12 VDC+ to:

Motor Run Extend (Solid Blue)

Manifold Valve S1 (Green with trace)

### To Retract Slide 1:

Apply 12 VDC+ to:

Motor Run Retract (Solid Green)

Manifold Valve S1 (Green with trace)

### For Slide 2:

Same as above, but use Manifold Valve S2 (Purple with trace)

## Interlock / Disable Functionality

Slide control interlock or disable features are implemented by the coach manufacturer, not EQ Systems. These may vary in form and function. Please consult the coach manufacturer for specific details.

A separate drawing for older Gulf Stream coaches (pre-2010) is attached. This was provided by Gulf Stream; EQ Systems cannot advise further on this aspect.

## Hydraulic Hose Connections Port Assignments

Slide #	Port Set	Label/Sticker Color
Slide 1Port	Set #5	Green
Slide 2Port	Set #6	Purple

Ports 1–4 are reserved for leveling jacks.

## Manifold Port Function

- **Solid Color Sticker Side:** Connects to extend (closed/cap end) of slide cylinder
- **Striped/Hashed Sticker Side:** Connects to retract (rod end) of slide cylinder

If only one hydraulic slide is present, unused ports must be **plugged or capped off**.



