FRAC Harness®
VIM OEM-Style Switch Installation Manual

DESCRIPTION

The Vehicle In Motion (VIM) OEM style switch is a simple on/off switch that controls the VIM Enable function for the FRAC Harness.

PIN	WIRE	OEM-STYLE VIM SWITCH CONNECTIONS
1	GREEN	Connect to either green wire from the FRAC Harness
2	RED 1	Connect to the other green wire from the FRAC Harness
3	RED 2	CONNECT TO VEHICLE ILLUMINATION POWER (OPTIONAL)
4	BLACK	CONNECT TO VEHICLE GROUND (OPTIONAL)
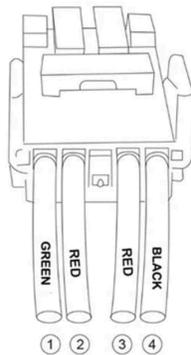
WIRING NOTES:

The Red 2 and Black wires do not need to be connected for switch operation but provide the voltage for the backlight illumination if desired. If connected to the vehicle dimmer circuit (ILL+ and ILL- or Ground), the backlight will dim and brighten like other dash illumination in the vehicle. Alternatively, to illuminate the backlight without connecting to the vehicle dimming circuit, the Switch Red 2 wire can be connected with the Red 1 wire, and the Black wire can be connected to chassis ground rather than an ILL- source. This will provide a "always on" backlight illumination at full brightness.

OPERATION

The FRAC VIM switch should be left in the "On" position for normal operation. The VIM Switch does not affect the Camera Operations. If Nav functions are required while in motion, turning the VIM switch "off" will enable this. When the VIM switch is off, the vehicle icon on the GPS moving map display may stop moving or move erratically. This is normal if VIM is off while moving. Once the desired Nav entries are made and the VIM switch is returned to the "on" position, the GPS should start updating the position icon within approximately 10 seconds.