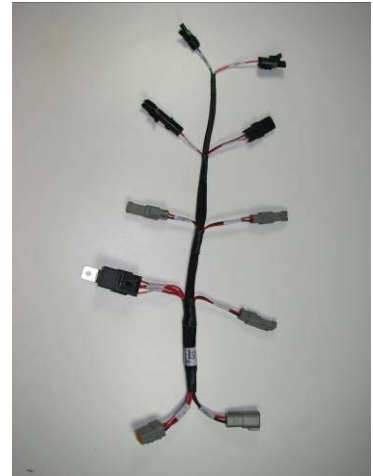


Tech Tips

Date: March 22, 2010

Re: FmX Power Bus Installation and Configuration Options

Description: The power bus (PN 67259) was developed to provide a clean power source to the FmX, EZ-Steer and other connected components. The power bus also allows for multiple switching options for turning on the EZ-Steer.

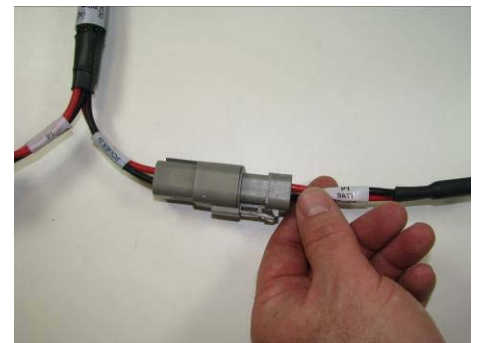


Basic cable (PN 67258) and power bus (PN 67259) installation:

1. Clean the battery connection.
Connect the basic power cable (PN 67258) to the vehicle battery and then route the cable into the cab. Be sure both the power and the ground are connected.



2. Connect the 4-pin Deutsch DTP plug (P1) of the basic power cable (PN 67258) to the 4-pin Deutsch DTP receptacle (R1) on the power bus (PN 67259).

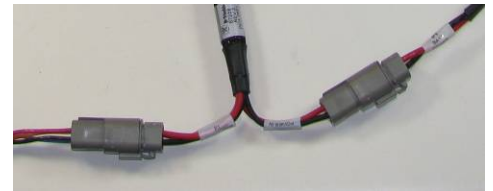


Connect the FmX using cable PN 66694 to the power bus (PN 67259)

1. Remove the protective receptacle from connector P1 on the power bus (PN 67259).



2. Connect the 4-pin Deutsch DTP receptacle on the FmX power cable (PN 66694) to the 4-pin Deutsch DTP connector P1 on the power bus (PN 67259).



3. Route the FmX power cable (PN 66694) to the display mounting location and then connect it to the back of the FmX.

Switching options:

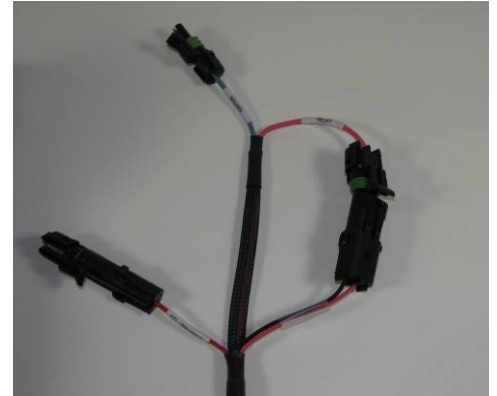
The power bus (PN 67259) provides different options for turning on the EZ-Steer.

Option 1: The EZ-Steer is turned on using the FmX power button. (Recommended)

Option 2: An external switch turns on the EZ-Steer.

Option 1: The EZ-Steer is turned on using the FmX power button (Recommended)

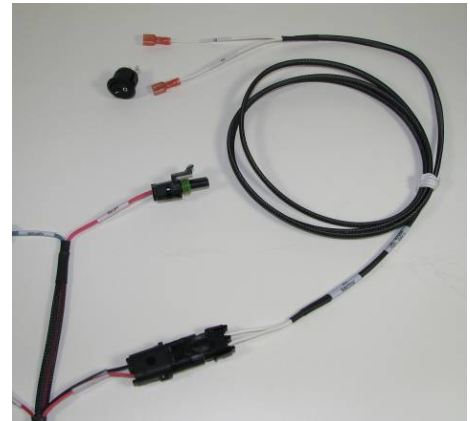
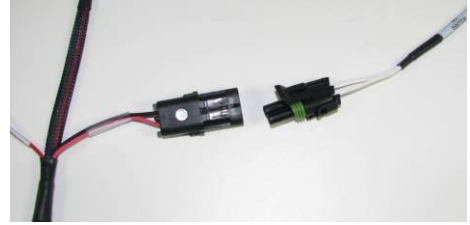
1. Connect the two-pin connectors labeled R2 and P2 on the power bus (PN 67259).



2. To connect the EZ-Steer to the power bus, take cable PN 75742 and connect R3 (power) to P4 or P5 or P6 on the power bus (67259). Then connect P1 on PN 75742 to Port C or Port D on the back of the FmX.
3. Connect R2 on cable PN 75742 to the Steering Control Module (often called the T2 box) to connect to the EZ-Steer.

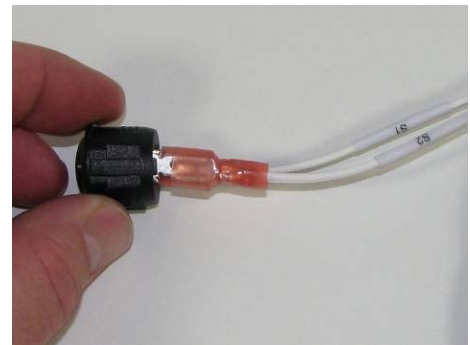
Option 2: An external switch turns on the EZ-Steer.

1. Connect the cable labeled R7 Switch (included with the power bus) to connector labeled P2 on the power bus.
2. Drill a $\frac{3}{4}$ " hole where you will install the switch. Route the cable labeled R7 Switch to that location.



3. Connect the cable labeled R7 Switch to the switch pins.

Note: Polarity is not important.



Connecting additional components to the power bus

The power bus has three Deutsch DT plugs that can supply power to three components. An adaptor cable is required to adapt the DT plug to the Deutsch DTM connector used on many components.