

## EPS Wiring Harness

**Mouser.com parts needed:**

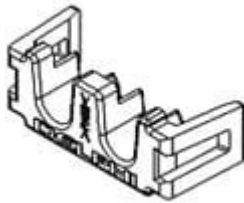
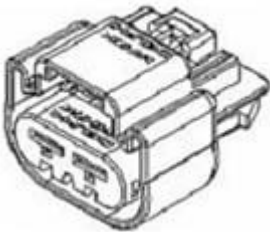
**Only use 3 pins of the 8 pin CANBUS connector:**



Mouser #:829-13572498    5 of #829-15404841    3 of #829-35072391

\*Be sure to have shielded CANBUS Wire 2 color (McMaster-Carr # 8097T22) & red or blue colored wire 18 ga approximately 60" \*

**2 pin EPS Power Plug:**



Mouser 1 of #:829-15454358    1 of #829-15454362    2 of #829-15324989    2 of #829-15476168



\*You will also need 7-8 ft of black and red wire 10 GA (12 GA should be plenty based on the wiring that in a stock EPS sled), as well as a 30 AMP inline fuse for power. \*

**Ebay.com or Amazon.com parts needed:**

**Only use 2 pins of the 4 pin Plug at EPS to feed signal and CANBUS:**



Sumitomo 4 pin connector 6180-4771, 6188-004

Figure 1



Figure 2



- The main power on the EPS will be wired to the plug in Figure 1. Using 10-12 GA wire you will run black (Negative) and red (Positive) to the battery in the back of the snowmobile. You will need to add a 30 AMP inline fuse at the battery on the red (Positive). See Figure 2.

Figure 3



Figure 4



Figure 5



Figure 6



- EPS CANBUS connection shown in Fig 3 & 4 is 8 pin. You will only use 3 of the pins and put in red pin blocks into the empty locations. Yellow wire will go into pin 4 location, Green goes into location 8 and red is in location 3 (Signal wire). As you can see in Fig 5, Yellow and Green will go to white 4 pin plug as shown. This plugs into the inspection port below reverse on sled. The red wire will hook to the red/blue at 12V power source below reverse. If you have a TD flasher at inspection port, you will have to build a splitter.