

FEMALE COAX PANEL MOUNT CABLE INSTALLATION

(100263-1)

GEARS™
www.gearscanada.com

FEATURE:

- GEARS panel mount cable helps to provide neat looking water resistant outlet for your 12V powered accessories. Replaces your hanging battery cord
- Used for providing power to GEARS heated clothing or any electronic devices like GPS, Cell phones by connecting a mix and match of GEARS adapter/power cable (Example : 100250-1 or 100223-1 or 100264-1 or 100266-1 or 100267-1 /Not Included) in front of the panel mount cable when installed on the vehicle.
- This 12 V power out plug can also be used on your luggage piece for getting power out to connect your heated clothing (To do so you will need to get power cables like battery cord or extension cables for providing power inside your bag and luggage power connector 100264-1 or 100266-1)
- Provides power from the battery by fishing GEARS battery cord (100227-1/Not Included) or GEARS extension cable(100250-1/ Not Included)
- Can be mounted on plastic or metal panels (Maximum of 5mm thickness) by drilling 16 MM hole
- Flush mount panel has a female Coax outlet on the exterior side and a 20 inch wire with male coax plug on the interior to be connected to under the seat 12V power source
- Comes with its own dust protection cap and inner washer for mounting on different panel thicknesses

REQUIRED TOOL :

- Hot knife or Hot blade or Soldering iron (Required if installed on soft shell luggage)
- Pen marker
- 16 mm hole saw and drill machine (Required if installed on plastic or metal panel)

PARTS LIST: (Fig 1)

- 1- Panel mount cable
- 1- Plastic spacer washer
- 1- Plastic hex nut
- 1- Plastic round nut(with knurling design on outside)
- 1- Dust protection cap

INSTALLATION METHOD:

- Find suitable location on your vehicle panel or the luggage piece (acting as a outlet for 12 V power for connecting your heated clothing or electronic devices like GPS etc) where you will like to mount this panel mount cable. If installing on vehicle panel keep in mind you will need to mount on the left side of the vehicle to accommodate heating garment power plug location for easy On and OFF from the vehicle. Make sure that fished wires should not interfere with any moving parts of the vehicle or your riding position.
- **OPTION 1:INSTALLATION ON SOFT SHELL LUGGAGE-** Mark the location and make 16 mm hole by using hot knife/blade or soldering iron for achieving non fraying holes (Fig 2).Keep on checking the fit of the connector (While enlarging the holes by melting the soft shell fabric) to avoid over sizing.
- **OPTION 2 :INSTALLATION ON HARD SHELL LUGGAGE /PANEL –** If mounting on vehicle panel or hard shell luggage drill a hole by using GEARS 16 mm hole saw (Part # - 100276-1/NOT INCLUDED) Note : Initial center punch marking or making a small hole with soldering iron will avoid slippage when using the hole saw.
- Remove Plastic round nut, dust protection cap and plastic washer. Leave plastic hex nut on the threaded assembly shaft.
- Push panel mount cable assembly shaft through mounting hole from the backside.(NOTE: Plastic spacer washer may be used on the assembly shaft under or over the mounting panel depending on the thickness of the mounting panel)
- Place dust protection cap on exterior of threaded shaft
- Screw the plastic round nut (with knurling design) from exterior side until it is flushed with the assembly shaft.
- Then reach behind mounting location and tighten the hex nut.

NOTE: STRONG HAND TIGHTENING IS REQUIRED FOR LOWER HEX AND TOP ROUND NUT. DO NOT USE PLIERS FOR OVER TIGHTENING THESE TWO NUTS. IF REQUIRED YOU MAY USE A MINIMUM QUANTITY OF FAST ACTING SUPER GLUE FOR PERMANENT MOUNTING OF THE NUTS TO THE THREADED SHAFT ASSEMBLY

- Now you can fix the male coax plug (on other end of panel mount cable)to GEARS battery cord (Not Included) or your own 12 V power source (IMPORTANT-If connecting to any other power source except GEARS battery cord make sure about the polarity of panel mount female plug .Use a voltmeter to check if the polarity of the panel mount female coax plug is correct (**OUTER TERMINAL SHOULD BE GROUND AND INNER PIN SHOULD BE POSITIVE FOR CHARGING OR RUNNING MOST ELECTRONIC DEVICES**)).

- Your Panel mount plug after installation will look like as shown in Fig 3 and 4 (Picture shows the installation on soft shell luggage and vehicle panel)

NOTE: WHEN NOT IN USE COVER THE OUTSIDE COAX FEMALE PLUG WITH THE PROVIDED DUST PROTECTION CAP

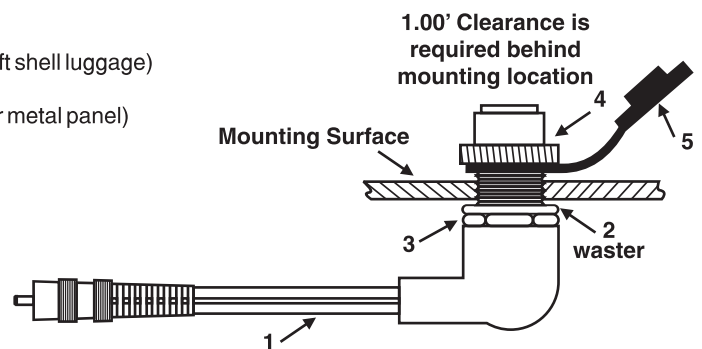
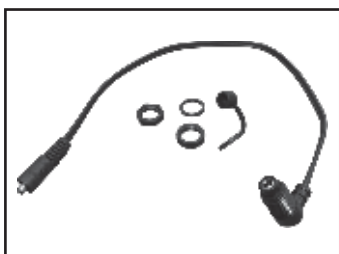


Fig. 1

Fig. 2

Fig. 3

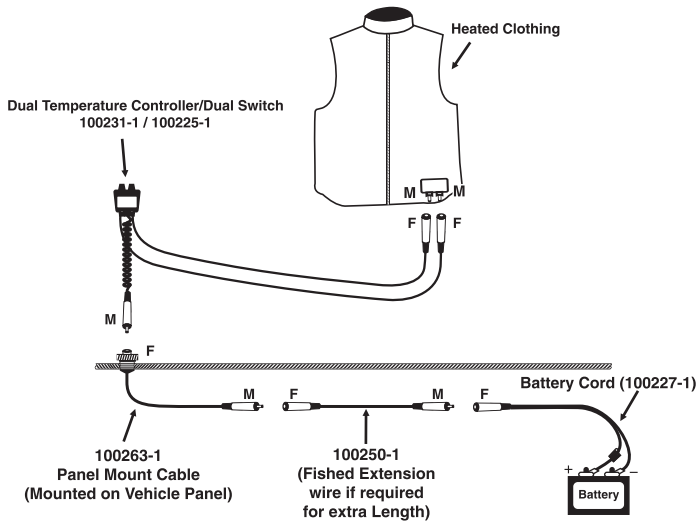
Fig. 4



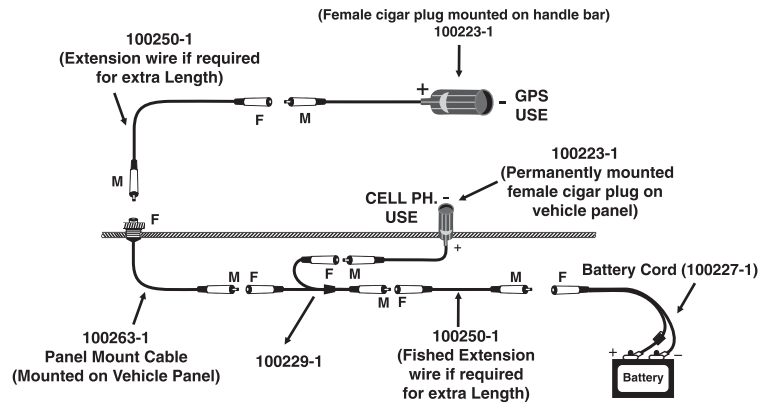
NEAT FLUSH MOUNT POWER SYSTEM FOR YOUR LUGGAGE OR HEATED CLOTHING

- (a) OPTIONS TO BRING POWER INTO YOUR LUGGAGE DEPENDING ON YOUR NEED. YOU CAN CHOOSE EITHER THE POWER PAKS OR MIX AND MATCH OTHER CABELS TO CREATE YOUR OWN COMBO SET
- (b) OPTIONS TO POWER YOUR HEATED CLOTHING USING OUR FLUSH MOUNT SYSTEM (NO DANGLING CORDS)

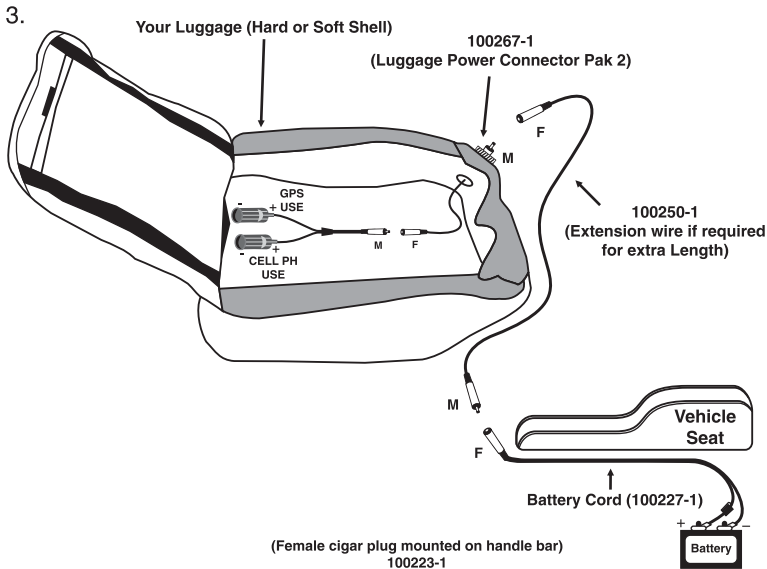
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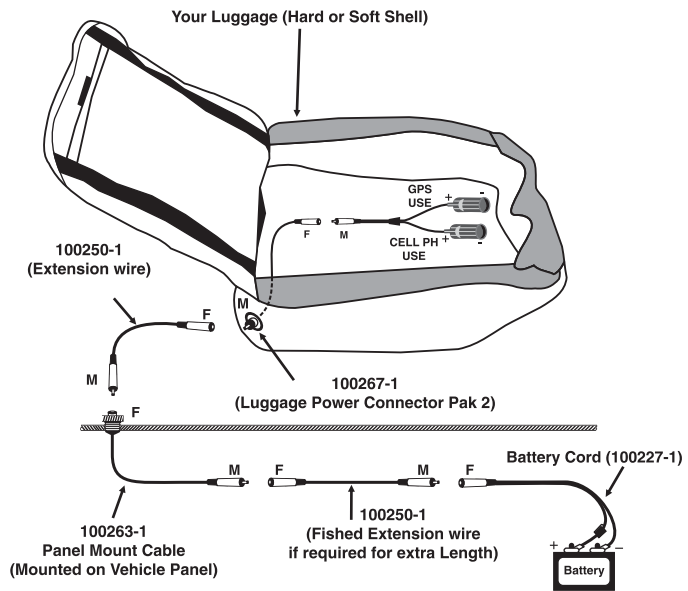
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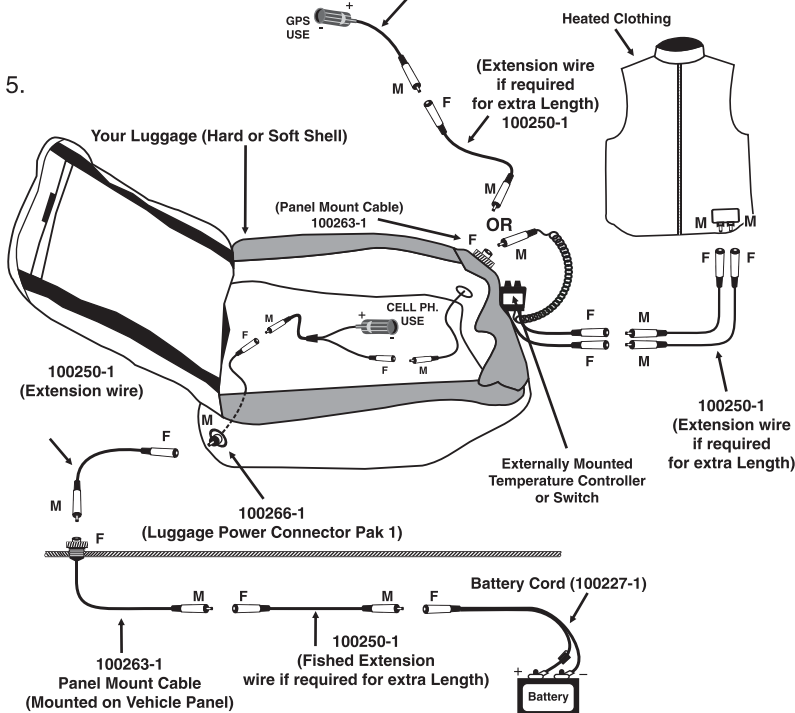
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