

CORD-LESS Teth-Air

2013 Polaris Pro RMK Teth-Air Install

The Pro RMK is packed tight under the hood and finding a good place to install the Cord-less Teth-Air provided us with a bit of challenge but we were more than satisfied with the results. The side panels and upper cowling (hood) must be removed to install the Teth-Air. If you are not electrically or mechanically inclined, it is recommended that you employ someone who is qualified.



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We decided that the best location was ahead of the exhaust side foot rest. The picture shown is with a Skinz mesh in place which make it easy to mount. The LED indicator and push-button is easy to access with the side panel open. There is about 2 cm clearance to the belt drive. Use nuts and bolts with lock washers or Loctite so the Teth-Air can't vibrate loose. Wire-tie any loose wires to keep them out of the drive belt.



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All the connections to the wiring harness were done in the nylon pouch directly in front of the steering column. Lengthening the Teth-Air wires may be required depending on mounting location..



The White and Yellow Teth-Air wires are connected to this white plug. polarity does not matter as this plug supplies AC voltage.



The power for the Teth-Air is available from the unused white AC accessory plug. The plug is an OEM design but accepts standard Molex 0.93 male pins and the nylon connector case even fits if the rounded edge is cut off

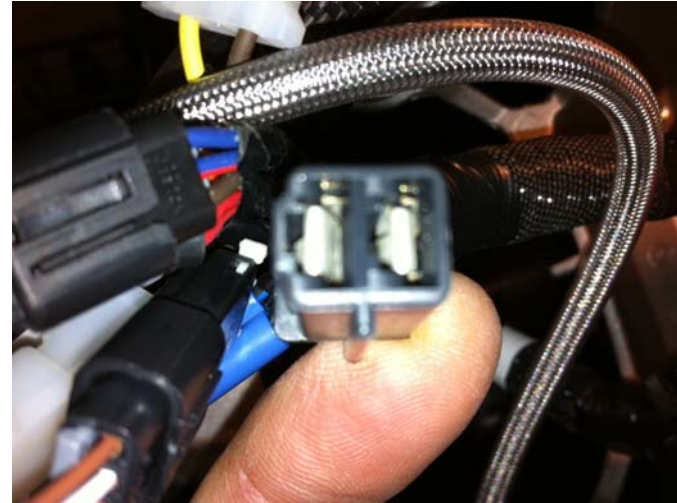


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The factory tether plug is also an OEM design but accepts 2 standard male blade connectors. When using standard blade connectors, ensure that they are insulated or uses shrink tubing over the connection to avoid grounding or shorting.



Cut the antenna tip to 2 cm's and place on the protective yellow cap.
Run the antenna wire up to the handlebar and secure with the provided wire-ties next to the Throttle flipper, but do not obstruct the flippers movement.



The Green and Brown Teth-Air wires Plug into this black plug. The gray wire is Not used and can be taped off or cut off.



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Using a small Phillips screw driver, remove the screws from the back of the Teth-Air Transmitter Tag. Insert the provided CR2032 battery with positive (+) toward the circuit board., Use silicone sealant around the edges of the case and in the screw holes to prevent moisture contamination. Install Teth-Air label and wrist strap as per the instruction sheet.



Start the machine to power up the Teth-Air. The engine should die in 1 second. This proves the operation of the system. Now re-start the engine while holding the blue button (or push and hold within 1 second of starting). The engine should remain running with the LED solid green, this will be the By-Pass Mode. Release and press the button a second time with the tag near-by and the Teth-Air Receiver will scan and record the unique code of up to 6 Tags. Your Teth-Air is now programmed.

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The Green and Brown wire can be connected to the factory kill switch as shown or to the black factory tether plug found in the nylon pouch in front of the steering column.

WIRING DIAGRAM

Normally Open Configuration
e.g. Ski-doo, Polaris, new Artic Cat

