

## GEARING CHANGE REPROGRAMMING – AXYS

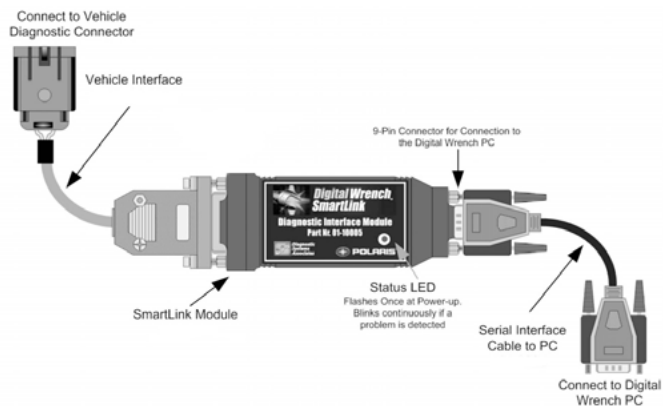
When changing the top and bottom sprockets from the stock calibration in the chaincase, use Digital Wrench to re-calibrate the speedometer offset.

1. Obtain a fully-charged 12 volt battery and the Chassis Power Up Harness, part number PS-47296-B.
2. Open the left engine compartment panel.
3. Connect one of the harness leads to the ECM PWR test diagnostic connector.
4. Connect the power up harness to the battery.

### NOTE

If the snowmobile is equipped with a fully-charged battery, it can be used to supply power to the test connectors. If using a stand-alone service battery, do not place the battery in the tunnel footwells. Place the battery on the floor next to the engine compartment.

5. Connect the SmartLink cable to the vehicle and PC / laptop.



6. Start Digital Wrench, and select the correct vehicle.
7. Select the Special Tools (Tool Box) menu and then Service Procedures.



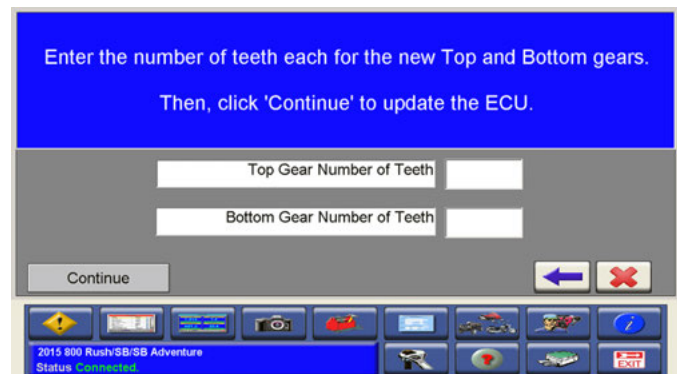
8. The next screen will prompt the user to select the desired operation. Select: "Gearing Change".



9. Enter the number of top and bottom sprocket teeth into the appropriate fields. Click on "Continue".

### NOTE

Digital Wrench limits the top sprocket teeth numbers to 19 – 26 and the bottom sprocket teeth numbers to 36 – 45. Future Digital Wrench updates will limit the teeth numbers to match the Polaris-specified acceptable sprocket combinations.



### IMPORTANT

Entering incorrect top and bottom sprocket values will result in inaccurate vehicle speed display.

10. Digital Wrench will re-program the ECU with the required speedometer offset.