



ACEWELL INTERNATIONAL CO., LTD

ElectroSport
615 S. Tremont Street,
Oceanside CA 92054
PH: 760-433-0184
FX: 760-433-1052
www.electrosport.com

Acewell Speedometer Fitting

APPLICATIONS

Polaris Trailblazer

Read these instructions completely

Step 1. Clean It Up

Start by working with a clean quad. It will make installing the speedo much easier because you will be able to see all the attachment points quickly and easy.

Review the sensor and magnet location

Remove the front right wheel off the quad and review the set-up. The magnet will be installed by drilling a hole thru the rotor and the sensor will be mounted by drilling a hole thru the axle strut, near the mounting points for the front brake caliper. (See Figure 2.) Be sure to double check the alignment and locations before drilling any holes. After you find a suitable location for both the sensor and the magnet, make a mark on the rotor where you can drill the magnet mounting hole.

Step 2. Rotor Magnet Installation

Support the front end of the quad and remove the front right wheel. Then pull the front disc and brake assembly off. It is not necessary to remove the brake lines. With the wheel and rotor assembly pulled free from the quad and after you have checked the magnet and sensor alignment, drill a 5/16 inch hole through the rotor and insert the magnet so that the magnet faces in towards the brake caliper. Fasten magnet with washer and nut. (Figure 1.)

Step 3. Mounting Speedo Wire Sensor

After you have double checked the alignment, drill a 5/32" pilot hole and then drill a 5/16" hole through the axle strut. Take one locking nut and screw onto the threaded sensor and then slide the speedo cable sensor thru the drilled hole and fasten second locking nut as shown in Figure 2.

IMPORTANT: Make sure rotor passes over sensor and is free from obstruction. Once you have everything lined up, snug down the locking nuts on the sensor. When routing the sensor wire, follow the brake line path and use a couple of zip-ties to hold into position.

Complete by reattaching brake assembly, rotor assembly and wheel. Be sure to follow the procedures in your service manual including torque specifications for all hardware.

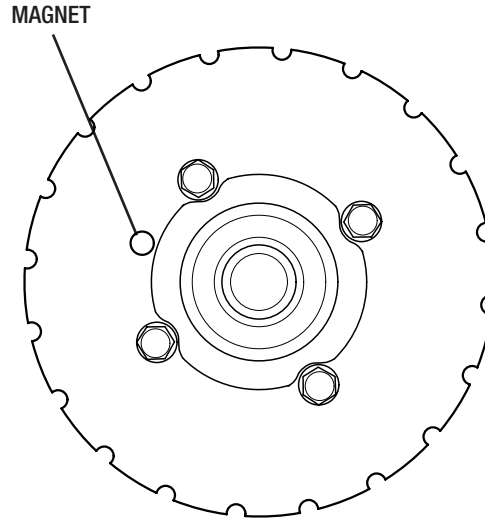


Fig 1. Magnet Mounting

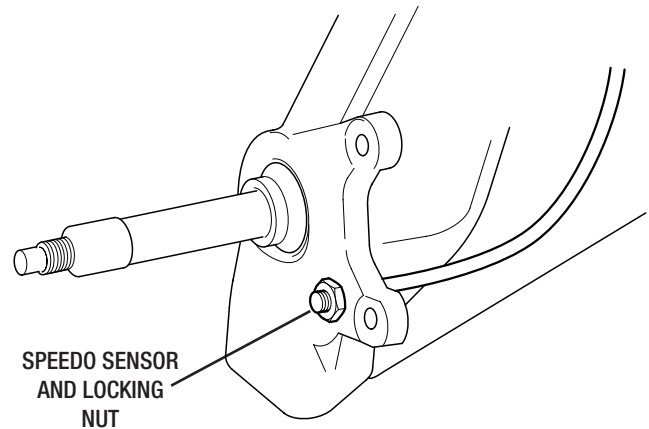


Fig 2. Speedo Sensor Mounting With Locking Nut