



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

Yamaha Raptor, Banshee, Warrior, YFZ450

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.

Step 2. Wheel And Brake Removal

Support the front end of the quad and remove the front left wheel. Then pull the front disc and brake assembly off. It is not necessary to remove the brake lines.

Step 3. Rotor Magnet

With the rotor assembly pulled free from the quad, you can mount the pick-up magnet in one of the existing rotor mounting bolt locations as shown in Figure 1.

Step 4. Speedo Wire

Temporarily fit the rotor and wheel assembly and note the position of the magnet as it crosses over the wheel guard and make a mark on guard in an area which will allow you to mount the sensor. Review the backside of the front wheel guard and make sure you are free and clear when you drill thru to mount the sensor as shown in Figure 2.

Step 5. Drilling Speedo Wire Hole

After you have double checked the alignment, drill a 5/32" pilot hole and then drill a 5/16" hole through the guard. Take one locking nut and screw onto the threaded sensor and then slide the speedo wire sensor thru the drilled hole and fasten a second locking nut, as shown in Figure 3.

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 and wheel. Be sure to follow the procedures in your service manual including torque specifications for all hardware.

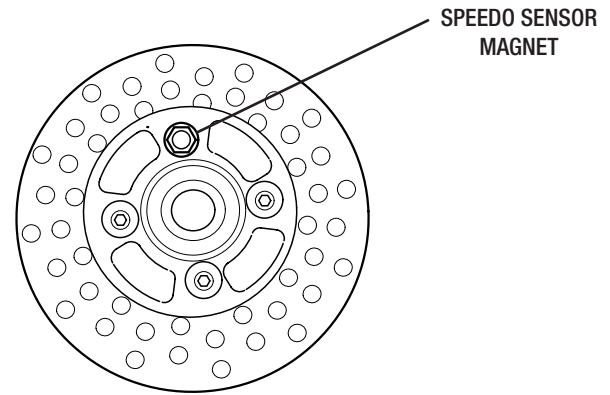


Fig 1. Magnet Mounting Using Existing Rotor Bolt

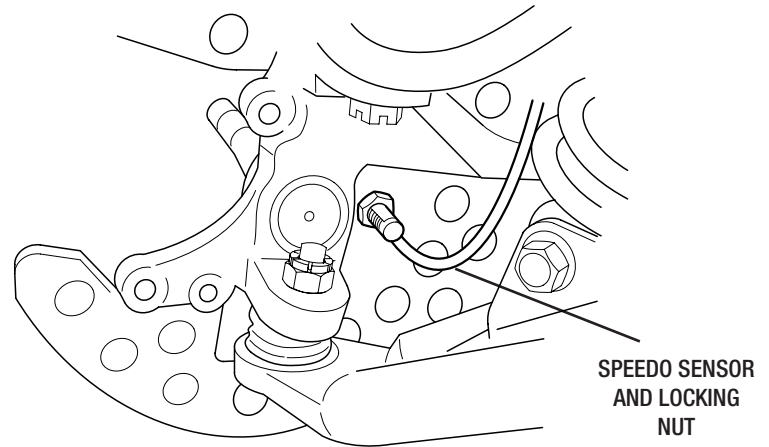


Fig 2. Sensor and Locking Nut Shown From Inside

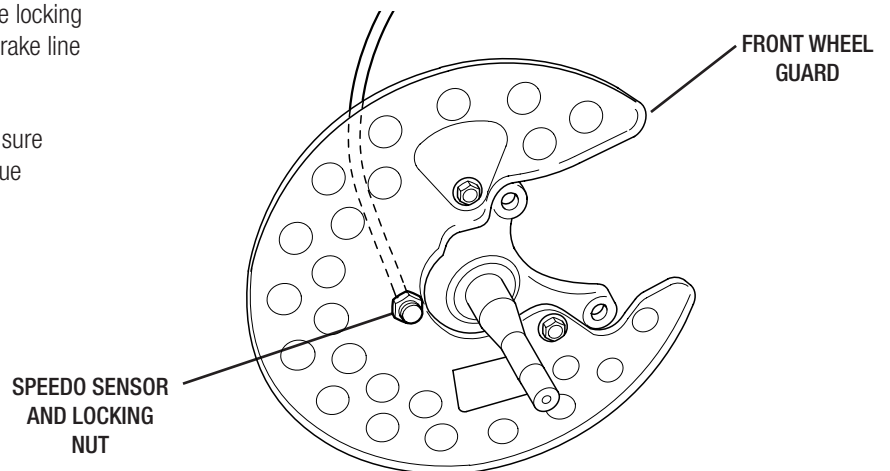


Fig 3. Sensor and Locking Nut Shown From Outside