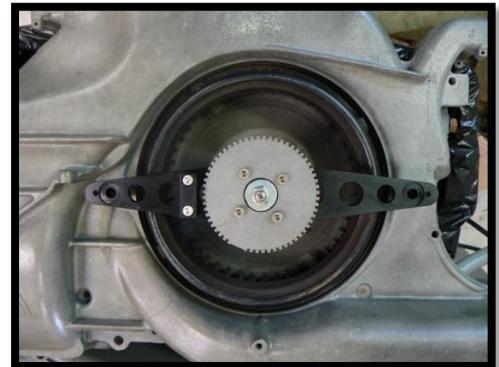


Crank Trigger Adapter 914-4 Installation Instructions

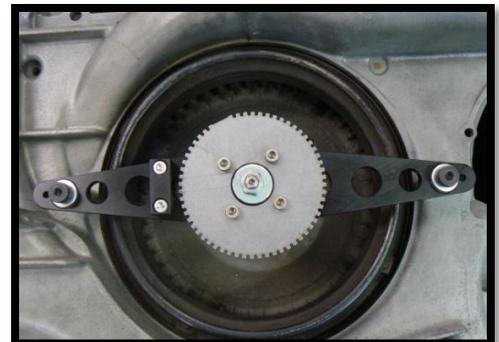
Step 1 - Remove the center cover cap and three fan attaching bolts. Clean and remove any burrs from the mating surface on the fan. Insert the trigger wheel shaft into the fan as shown. Torque the cooling blower impeller bolts to 14 lb/ft.



Step 2 - Slide the bearing support over the trigger wheel shaft to the shoulder. Insert woodruff key into the trigger wheel shaft and install the trigger wheel assembly. Install washer and nut and tighten to 12 lb/ft.



Step 3 - Apply a drop of oil to each shoulder bolt and insert into the bearing support. Determine the correct spacing of the bearing support by inserting a steel washer against the fan housing and inserting rubber washers to fill the available space. Both ends of the bearing support must have a steel washer against the fan housing and under shoulder bolt head. There must be an equal number of rubber washers on each end of the bearing support. A small air gap is acceptable.



When proper spacing is determined, **Install the fan belt** before final assembly of the shoulder and spacers. Tighten the shoulder bolts to 12 lb/ft.

Note : When properly adjusted, the goal is to have minimal load on the bearing, when the bearing support is installed and the shoulder bolts tightened. There must be at least 1 rubber washer on each side of the bearing support. Be sure to install the fan belt prior to tightening the shoulder bolts.



Step 4 - Insert the crank sensor into the clamp. Set the gap between the sensor and the top of the tooth to .025" and tighten to 80 lb/in. Attach the sensor wire to the bearing support as indicated by the arrow with a wire tie.

