



## *COOLING DEFLECTOR WINGS*

### *For Trike Models w/ Tank Lift*

#### **INSTRUCTIONS**

(Please read all instructions before beginning install)

#### **Parts included:**

- 1 Pair of Cooling Deflector Wings (CDW's)
- 2 Star Washers

#### **Installation Steps:**

1. There is a Left and Right Cooling Wing Deflector. They will work on a Touring or Trike Model Harley, With a Tank Lift. They attach to the bike where the tank is bolted to the frame up front, right behind the neck.
2. **For Installation With A Tank Lift:** On the Right side, remove the bolt at the front of the tank, where the tank lift is bolted to the frame. Using this same bolt, put it through the centered hole of the right-side CDW. Put the supplied star washer on the bolt so that it is between the CDW and the bottom of the tank lift bracket. Carefully thread the bolt back into the frame (through the tank ear), remembering to use thread-locker. Make sure the CDW does not hit/scratch your tank or lower fairing.
3. **Checking for Clearance:** There are Four Important Clearance areas-
  - A. Between the CDW and the tank (approx.  $\frac{1}{4}$ " )
  - B. Between the CDW and the fork (when turned all the way) (approx.  $\frac{1}{8}$ " )
  - C. Between the CDW and the Lower Fairing (approx.  $\frac{1}{4}$ " )
  - D. Between the CDW and the Fairing Wing (approx.  $\frac{1}{4}$ " )

If your fitment is too close, it will be helpful to move your tank all the way back. This will require loosening the two rear tank bolts, and the tank lift fasteners on both sides, top and bottom. Then you will be able to push the tank all the way back, gaining more clearance for the CDW's.

Another additional way to gain some clearance is to bend (with your hands) the CDW at one, or both, of the pre-existing bends. This may help to gain a more favorable angle for clearance.

Once it is almost snug, rotate the CDW to the angle you want. Carefully turn the handlebars all the way to the right, making sure there is no interference. Once you have determined that you can turn the handlebars from side to side with no interference, and that you have at least 1/4" space between the CDW and the lower fairing, go ahead and tighten it down.

Repeat process on the left side.

**General Notes:**

- The rider's safety depends on the correct installation of this kit. Please do not attempt if you have any doubts of your ability to install.
- We recommend blue threadlocker be used on all threads.
- We are NOT responsible for any damage done to you or your bike as a result of the installation.
- After double checking everything - - Have fun! Go for a ride!!!

Patent D828,252

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Note: The user shall determine suitability of this product for his or her use. The user shall assume all risk for damage and liability to the vehicle.