



COOLING DEFLECTOR WINGS

Fits:

99- Up Touring Without Lowers

05- Up Touring With or Without Lowers

INSTRUCTIONS

(Please read all instructions before beginning install)

Parts included:

- 1 Pair of Cooling Deflector Wings (CDW's)
- 2 Star Washers
- 2 Spacers, Lock Washers, Flat Washers, and Bolts (Not used in all applications.)

Installation Steps:

1. There is a Left and Right Cooling Deflector Wing. They attach to the bike where the tank is bolted to the frame up front, right behind the neck. If you have a tank lift it will mount to where the lower part of the tank lift mounts to the frame.
2. On the Right side, remove the bolt at the front of the tank, where the tank or tank lift is bolted to the frame. Using this same bolt, place your lock washer on the bolt and then place your flat washer on the bolt, and then place your star washer on the bolt, then put the bolt through the mounting hole of the right-side CDW. 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. 1/8")
 - B. Between the CDW and the fork (when turned all the way) (approx. 1/8")
 - C. Between the CDW and the Lower Fairing (approx. 1/4")
 - D. Between the CDW and the Fairing Wing (approx. 1/4")

Some models may need to be spaced out away from the backbone. If spacing the CDW out will create more clearance for you we have supplied the necessary hardware. When mounting the CDW into place use the spacer between the CDW and the backbone. Fasten into place with the supplied longer hardware.

If your fitment is still too close, a 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. This is very easily done and will with this very small change will not damage the powder coating or structure of the unit.

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 $\frac{1}{4}$ " 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!!!

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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.