GENERAL:

The idea of the "wedge" is to tilt the handle-bar stanchions in toward the center-line of the bike. This raises the bars toward the horizontal and very slightly toward the rider. The more horizontal position relieves some of the compound twist to the rider's wrists.

INSTALLATION INSTRUCTIONS:

1. Cover your gas tank with a thick towel or other padding material.

2. Remove the three bolts holding one handle-bar stanchion to the top-clamp. If necessary, you can lay the stanchion on the towel but be careful not to damage cables or hoses.

3. The wedges are marked R (Right) & L (Left) on the bottom. They go between the stanchion base and the top-clamp, if you have risers, the wedges mount between the top of the riser and the top clamp (handle bar). Because the wedge angle tilts the stanchion you will see this causes two problems;
A. The bottoms of the bolt counter-bores will also be angled and the bolt heads will not make full, flat contact. The angled washers are required to compensate for this angle, and allow the bolt heads to make full contact in the counter-bore when tightened.
B. The bolt heads will enter the counter-bore at an angle causing them to bind slightly if all three are not centered in their counter-bore.

4. Start the middle bolt a few threads to hold the stanchion. If bolts of different lengths are included, use the longest bolt in the outside/front hole.

5. Place washers in the stanchion counter-bore with the index mark (the thick side of the washer) toward the wedge's THIN edge. (IE: The steering bearing side)
It is very difficult to maintain this orientation while tightening the bolts, but this orientation is important, otherwise the bolt heads will not contact parallel surfaces. Try placing the index mark counter-clockwise about 1/4 turn as it will rotate when the bolts are tightened. Gluing the washer in the proper orientation may also help.

6. Finger tighten the bolts against the washers and then remove the center bolt, place the washer and finger tighten it. Wiggle the stanchion to let the bolt heads center in the stanchion counter-bores, then torque to 18 Ft. Lbs. When torquing the bolts, if they feel like they are not tightening firmly, re-check the orientation of the washer. This is a tricky operation but it is important.

7. Re-torque all six bolts.

8. Assure the handle-bars turn fully right and left without any binding or contact with body work.