

Installing and setting up the 1800 Windbender

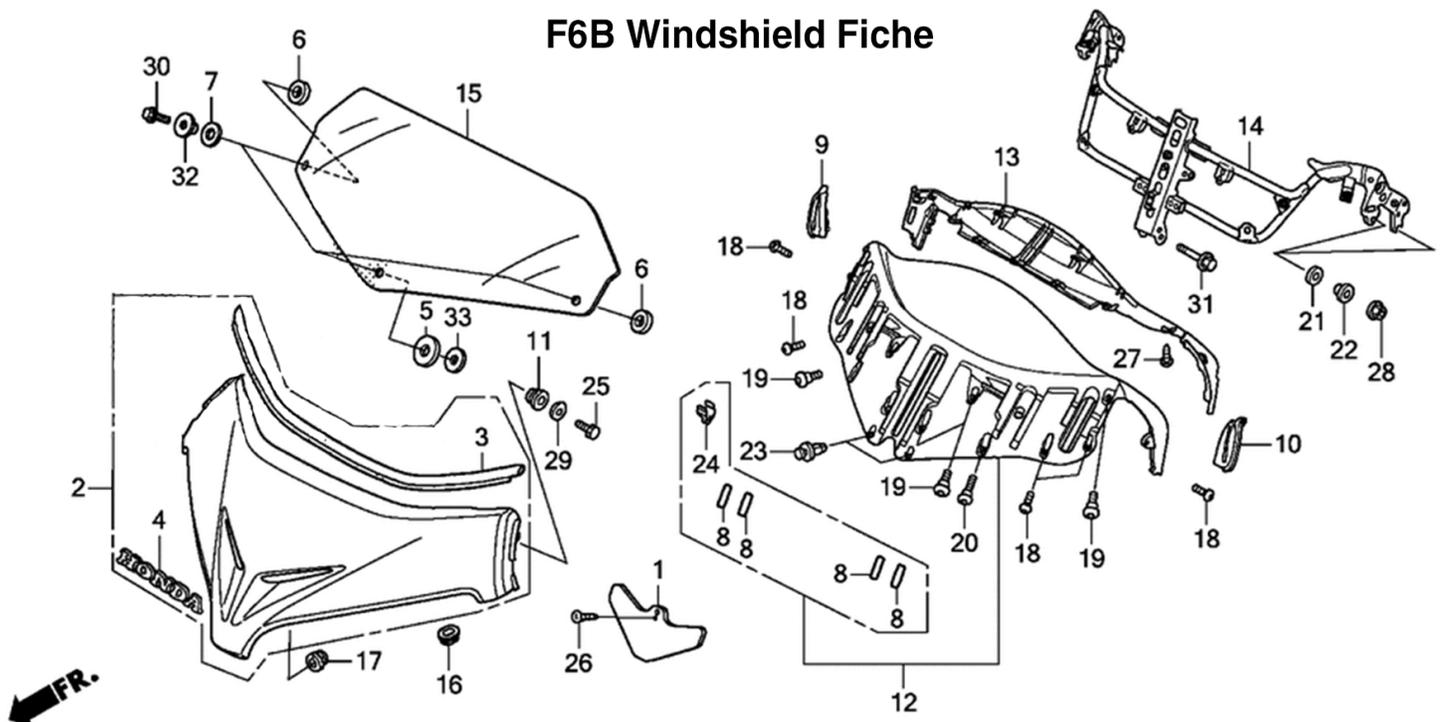
Like any high performance equipment, getting it set up correctly is important to truly take advantage of its capabilities. You may find it helpful to read these instructions thoroughly before installing your Windbender.

Installation

Refer to this parts fiche and the photos along the page sides.

1. Release the mirror boots from the fairing. Swing the mirror forward to give access to the windshield mounting hardware.
2. Pack a rag between the fairing and mirror below the bolt holding the windshield garnish. This will keep hardware from being deposited into the dark recess of the fairing.

F6B Windshield Fiche



3. Using a 10 mm combination wrench, remove the left and right windshield garnish mounting bolts, washers and rubber grommets (#25, #29, #11, Red Arrow) that hold the windshield garnish (#2) to the fairing stay. Release the windshield garnish from it's four grommets on the fairing (#17, #16).

4. With an 8mm socket, remove the three flange bolts, retaining washers and nylon washers holding the windshield in place. Be sure the rubber washers (#5, #6) and nylon washer (#33) behind the shield stay in place.

5. Install the lower half of the Windbender windshield in place of the stock shield reusing the existing hardware. You may reinstall the windshield garnish now or wait until after a test ride.

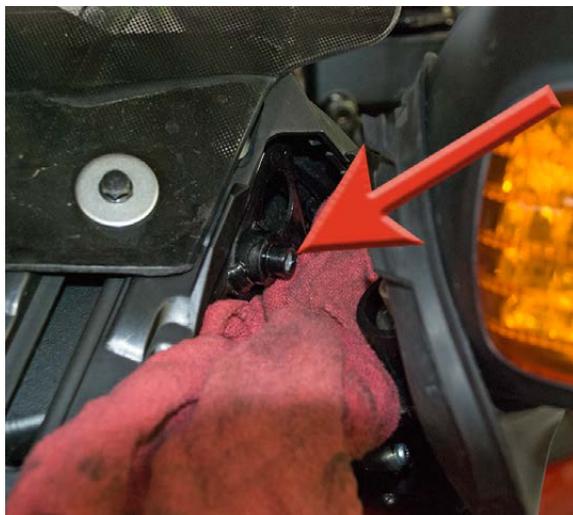
6. With the Base Unit in the lowest position, slide the Top Shield rails into the Base rails. The Top Shield may need to be flexed slightly. Slide the Top Shield to its lowest position and engage both Locating Pins by turning them until they spring into place. If necessary, slide the Top Shield until the pins locate in the rail divots.

7. Loosen the four #10x5/8 screws that hold the two rails on the Top Shield. Jiggle the Top Shield to allow the rails to self-center. Lightly tighten the four screws. If excess rattling between the brackets is noticed after setup, they can be tightened up by rotating them slightly; loosen the bottom screws on the top mounting rails and slide them toward each other and retighten. If further tightening is needed, follow the same procedure moving the top of the rails toward each other.

8. Put four snap caps on the rail mounting screws and go ride.



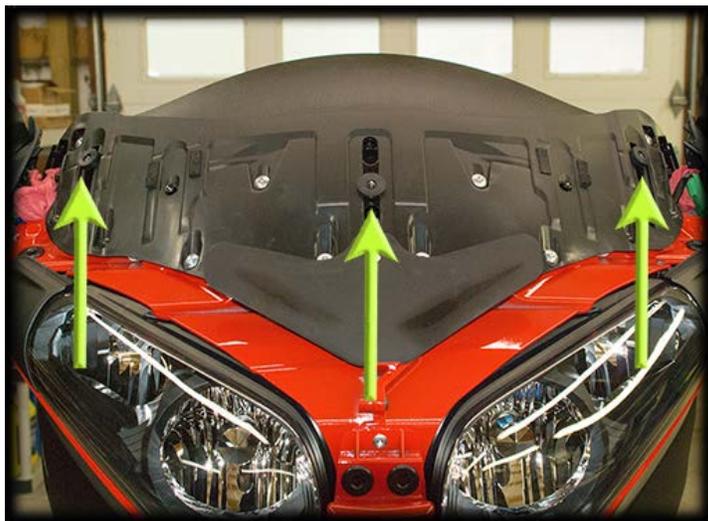
Mirror Boots



Windshield Garnish Bolt Location and the VERY Important Rag Location.



Windshield Flange Bolts and Nylon Washers Removed.



Don't misplace these rubber washers behind the shield.

Windbender Adjustment and Options Installation

Because no two rider/bike/gear combination is identical and everyone has different tolerances and expectations, we recommend that you adjust your Windbender (and add Options) in the following sequence. This sequence will help you find the most comfortable configuration for yourself and your passenger while allowing you to take full advantage of your Windbender capabilities.

Test your Windbender in its standard configuration before installing a Rake Kit or Electric Option.

Take your bike out for a ride starting at one of your “normal” slow speeds with the base and top shields in their lowest positions and note if you are able to get a slight breeze in your if that is one of your goals. You may also check to see how high air is flowing over the shield or your helmet at various speeds with a free hand to see how much you may need to raise the shield. Ride at different speeds raising the Top Shield one notch at a time to see where the air breaks and to see how tall it must be for your highest riding speed or passenger comfort. Raise the Base Unit if required. The goal is to find a range of heights that only require use of Windbender adjustment. It is must more friendly than the stock adjustment.



Windshield Flange Bolts and Nylon Washers.

If you cannot find a position that makes your ride considerably better than the stock windshield, you may want to try a different top shield or add a Rake Kit. If you need the convenience of adjusting your shield while riding, add our electric option after you have found the range of settings that works best.

Cleaning and Maintenance

Release the retaining pins in the adjustment rails and the top shield can be removed for easy cleaning. Use a clean, soft cloth and cleaners approved for acrylics (no ammonia). To maintain easy adjustment it is recommended to occasionally clean the rail sliding surfaces and coat them with wax or silicone spay. If your Windbender gets scratched it can be polished. Visit the Maintenance page on our website for polishing instructions.

WARNING

Eye Protection is Strongly Recommended! Even though it's entirely possible to experience very calm conditions while looking over the top of a Windbender, small heavy objects like gravel or hard shell bugs can penetrate the laminar wind layer and cause eye injury.

Attempting to Adjust Your Top-Shield While Riding is NOT Recommended! You may feel capable, but if the top shield slips out of your hand you could lose control of your motorcycle or do damage to another person or vehicle. If you want to move your shield while underway, consider our electric option. Top-shields look really neat when they're flying forty feet in the air. Not so much when they hit the ground or an innocent bystander.

Likewise, make sure your top shield is secured with its hardware before riding.