



WeatherHawk



Wind Meter Impeller Replacement Procedure

Updated: April 27, 2011

This procedure describes the removal and replacement of the WeatherHawk wind meter impeller. It applies to the handheld wind devices, SM-18, SM-19, SM-28, WM-100, WM-200, WM-300 and the WM-350.

This procedure does not require training, special tools, or test equipment. There is no personal electrical hazard involved, and this procedure can be accomplished by anyone possessing basic mechanical skills. Please read this entire procedure before beginning work.

Tools required:

- ✓ Small Flat blade screw driver or cross point screw driver

Components required or supplied (per fig.1)

- ✓ Replacement impeller

1. On the back side of the WeatherHawk wind meter there is a small screw located to the lower left of the impeller and it could be covered by a small rubber cover. (See Fig. 1)
2. Remove the rubber cover to expose the screw and loosen the screw 3 to 4 turns but do not remove the screw. (See Fig. 2)



Figure 1



Figure 2

3. Turn the impeller 1/8 of a turn clock-wise to align the keyed stubs. (See fig. 3)
4. Slide the impeller out the back side. (See fig. 4)



Figure 3

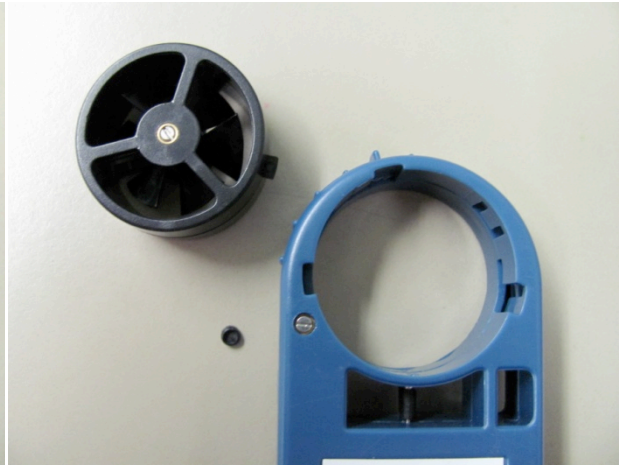


Figure 4

5. Insert the new impeller into the main body of the instrument and gently turn the impeller 1/8 of a turn counter clock-wise and tighten the small screw until it is snug. Be careful not to over tighten the screw it could cause damage to the device. Once the screw is tight replace the existing rubber screw cover.

Contact WeatherHawk Technical Support if you have problems or questions.
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