



AIRWOLF FILTER, CORP

12801 Hwy 75 North
Okmulgee Ok, 74447
Phone 918-561-8696

www.airwolf.com / info@airwolf.com

FOR REFERENCE ONLY

Date: 6/26/2024

Airwolf 4" Dia. X 6" Tall Air/Oil Separator Reassembly Steps:

TIP: Mark a line on the two halves of the separator prior to disassembling so the separator can be reassembled in the same orientation later.

1. Install the W-2017 Grid into the Can Bottom with the 3 legs facing downwards and away from the drain hole.
2. Place the first W-2010 Steel Filament over the end of the center tube of the Can Bottom.
3. Insert the W-2009.2 T-Bolt through pre-drilled holes in the center tube of the Can Bottom. The T-Bolt can only go in one way.
4. Insert the W-2160 Spring over the W-2009.2 T-Bolt and place one AN970-5 Washer over the top of the spring.
5. Place W-2002 Inner Cone over the Can Bottom Center Tube with the W-2009.2 T-Bolt protruding through the center of the W-2002 Inner Cone.
6. Place the second W-2010 Steel Filament over the W-2002 Inner Cone. Push down the Steel Filament just enough so that it does not interfere with the gasket sealing surface.
7. Install MS35489-9 Grommet into the top center hole of can top (if missing).
8. Place W-2003 Gasket onto the sealing surface of the Can Bottom.
9. Place the Can Top onto the completed Can Bottom Assembly with the W-2009.2 T-Bolt protruding through the center of the Grommet in the Can Top.

TIP: Turn the assembly upside down to check that the gasket is positioned evenly within the Can Top flange and then apply pressure to push the two halves together by hand. Maintain pressure while rotating the assembly right side up and then transfer the pressure downward against your work bench, prior to installing the washer and nut.

10. Install second AN970-5 washer and MS20364-524A Lock Nut over the protruding end of the W-2009.2 T-Bolt.

11. Tighten the MS20364-524A Lock Nut until it contacts the AN970-5 Washer and then turn upside down to ensure that the gasket is positioned evenly without any protrusions.
12. Tighten the nut one full turn and then check how the two halves are seating. Turn the assembly 360 degrees and make sure that there are no high or low spots that indicate that the two halves are misaligned. If the two halves do not seat properly, it will cause a leak.
13. Tighten another full turn and repeat the visual inspection of the sealing surface.
14. While the Can Top can still rotate, orient the Can Top in the same marked position that it was disassembled.
15. Finish tightening the nut until typically 3-4 threads are showing which is approximately 25 in/lbs +/- 5 in/lbs. (See AFC-W360 Installation Instructions, as revised).

TIP: Once the assembly is tight, try and move the two halves with your hands to see if it will rotate. It should not move.

WARNING: Overtightening the nut will cause the Can Top to begin to crush in.

