

NESS DOUBLE BARREL AIR CLEANER KIT

Part # 18-950, 18-951

Fits: 08-12 FLT (throttle-by-wire)

Thank you for purchasing this Arlen Ness product. We believe that our products are the very best available and are engineered to provide a lifetime of use. Basic hand tools and a service manual for your year and model motorcycle are all you need to complete this installation.

Parts:

1- Backplate	1- 1/4x20x1/2 flathead allen
1- Air filter element	2- 1/4x20x3/4 flathead allen
1- Double barrel cover	4- 1/4x20x3/4 hex bolt
2- Outer screen	4- 1/4 flat washer
2- Spacer	1- Thread locker
1- Gasket (back plate to throttle body)	1- Instructions

1. Remove OEM air cleaner cover, filter element, and air box. Retain OEM breather bolts and breather pipes to reuse.

Important Note: DO NOT remove OEM throttle body support bracket it must be used when installing this kit. **Pic 1.**

2. Slide one spacer onto each OEM breather bolt then reinstall them to secure throttle body support. **Pic 2.** torque to **18 ft. lbs.**
3. Remove protective film from new air cleaner gasket then apply to either the throttle body or the backside of new backplate. Then insert the long side of OEM breather pipes into holes in the backside of the new backplate. **Pic 3.**
4. Hold new backplate up to throttle body and plug breather pipes onto breather bolts.
5. Using threadlocker on two 1/4x20x3/4 flathead allens (in the top two holes) and on one 1/4x20x1/2 flathead allen (in the bottom hole) attach new backplate to throttle body. Torque to **5 ft. lbs.** **Pic 4.**
6. Install two outer screens into grooves in the front of new outer cover. **Pic 5.**
7. Install new filter element into groove in face of new backplate. **Pic 6.**
8. Install new outer cover using thread locker on four 1/4x20x3/4 hex bolts and 1/4 washers. Bolts come from the back through to the front. **Pic 7.** Torque to **5 ft. lbs.**

To ensure maximum performance, adopt cleaning and reoiling of the air filter element as part of the regular maintenance. Arlen Ness recommends using the Big Sucker Filter Recharge Kit part # 18-096

IMPORTANT NOTE: Due to the increased air flow it may be necessary to install some kind of adjustable fuel tuner. Arlen Ness recommends a **Big Shot adjustable fuel tuner part# 18-620**

