



6050 Dublin Boulevard, Dublin, CA 94568 - Technical assistance: 925.479.6379 - www.arlenness.com

TEAM NESS BIG SUCKER AIR CLEANER

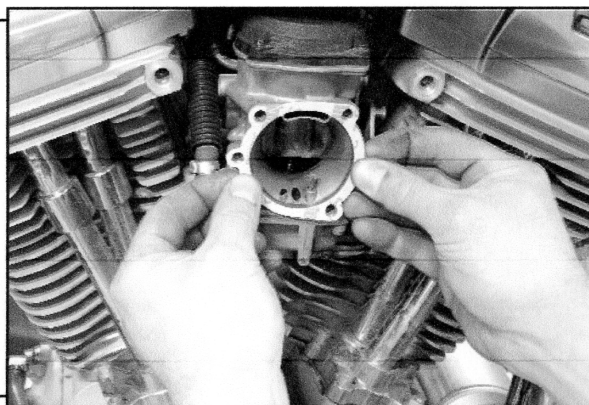
Thank you for purchasing this Arlen Ness product. We believe that our products are the very best available and are engineered to provide a lifetime of use. The Team Ness Big Sucker air cleaner for both Evolution and Twin Cam Stage I upgrades provides the cleanest installation available. Basic hand tools and a service manual applicable to your model of motorcycle are all that is necessary to complete the installation. If you ride a custom-built bike, please call our Technical Assistance department and they will be able to recommend the best service manual to use with your motorcycle.

BILL OF MATERIALS

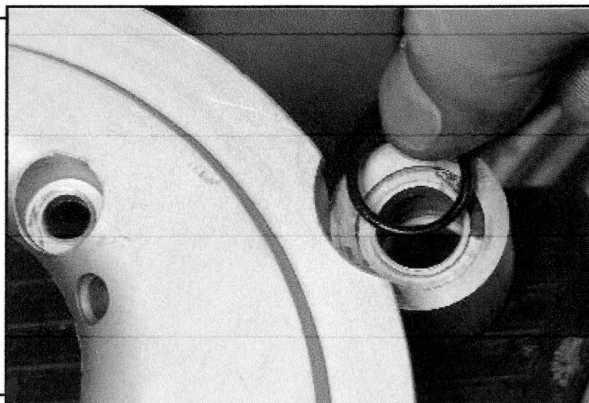
Part #	Quantity	Description
18-098U	1	Air cleaner element, small
18-500-1	1	"Big Sucker" backing plate
18-500-2	2	"Big Sucker" banjo bolt, Evolution application
18-500-3	2	"Big Sucker" banjo bolt, Twin Cam application
18-500-4	3	Backing plate mounts, Stage I
18-500-5	1	Gasket, "Big Sucker" air filter
XXX	1	Loctite 242 Blue

MAINTENANCE TIP: To keep your new Team Ness Big Sucker air cleaner working at peak performance, clean and re-oil the air filter element each time you do regular maintenance on your motorcycle.

STEP 1: Begin by removing the existing air cleaner and backing plate as illustrated in the appropriate service manual for your year and model of motorcycle. Clean the flange on the carburetor as well as the bosses on the cylinder heads. The supplied gasket has an adhesive backing, peel the protective coating off of the gasket and apply it to the carburetor flange as shown.



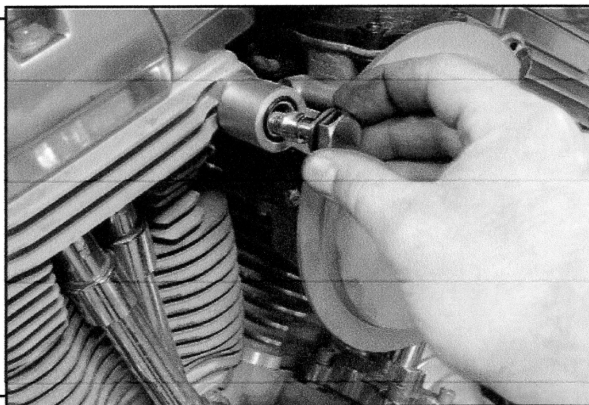
STEP 2: Four O-rings are included to seal the backing plate. To keep them in place during installation, apply a small amount of grease in the O-ring grooves. Keep an eye on them while you position the backing plate to ensure all four O-rings are positioned correctly.



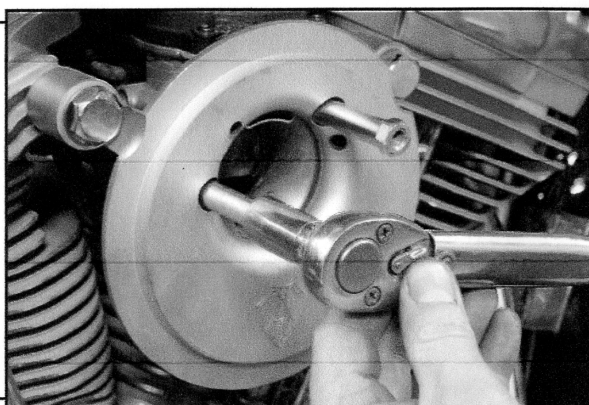
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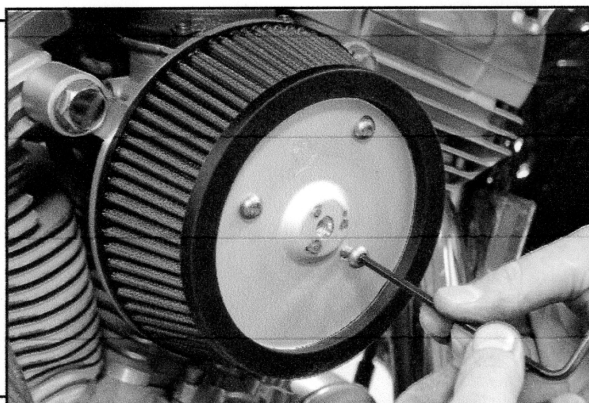
STEP 3: Install the banjo breather bolts using the washers supplied with the hardware kit. Twin Cam engines will use the 3/8-inch bolts, Evolution engines will use the 1/2-inch bolts. Apply thread sealing paste such as Loctite, ARP, etc. to the threads of the banjo bolts and screw them into the heads as shown. Leave the banjo bolts loose for now, as this will allow the backing plate studs to align easily.



STEP 4: Using Loctite 242 Blue on the threads, install the backing plate studs and torque them to 3-5 ft/lbs (36-60 in/lbs). Next, torque the banjo bolts to 10-12 ft/lbs. The backing plate is now secure.



STEP 3: Apply Loctite 242 Blue to the threads of the three button-head screws included in the hardware kit and place the air cleaner element onto the backing plate. Torque these screws to 3-5 ft/lbs (36-60 in/lbs).



STEP 4: Fully clean and install your existing air cleaner cover as per the specifications in the appropriate service manual for your year and model of motorcycle. To ensure maximum performance, adopt cleaning and re-oiling of the air cleaner element as part of your regular maintenance schedule.

