



advanced FLOW engineering

Installation Guide

Part #: 51/54-10001 Magnum FORCE Intake

Systems

Make: Ford

Model	Year	Engine
Explorer Sport	'00-'03	V6-4.0
Explorer	'98-'01	V6-4.0
Explorer Sport Trac	'00-'03	V6-4.0
Ranger	'98-'03	V6-4.0

Make: Mercury

Make	Year	Engine
Mountainier	'98-'01	V6-4.0

Parts list:	Qty:
Bolts	5
Washer	5
Nuts	1
Bracket	1
Billet Adapter	1
Filter PN 24-90007	1
21-90007 Pro Dry S™	

Pro Dry S P/N 21-90007 (black w/white media) Pro Dry S cleaning: see cleaning instructions 06-00074

Tools Required:

Medium flat blade screwdriver
8mm or 5/16 wrench or socket
11mm or 7/16 wrench or socket

Begin Installation

- 1) Loosen hose clamp and pull intake hose out and clear of the air flow sensor. If you feel it would help to remove the sensor plug, disconnect the battery first as a precaution. (Figure A)
- 2) Remove the air flow sensor and rubber gasket from the housing. Reach under the plastic housing and locate the sheet metal plate. Support the plate with your right hand while pulling the housing up and to your left. It may be necessary to pry up between the air box and support tray with a screw driver. (Figure B) Once the bottom mounts are free, the housing can be pulled to the right to disengage the side rubber mounts. Note: Your air filter housing may have a tube attached to the front. It may be easier to detach the tube first.
- 3) Place the rubber gasket over air filter adapter ring. Reinstall the air flow sensor with the supplied 10mm bolts. You will also need to install the mounting bracket at this time. Position the bracket with the bent tab facing the radiator. (Figure C)
- 4) Remove self-threading screw from the wire harness tab on the radiator support. This will be used to locate the outermost hole on the mounting bracket. There is also an unused hole approx. 1 1/2" to the left of the harness mount hole. Both of these holes will be used for the bent tab on the air flow sensor mounting bracket. (NOTE: If your truck does not have this extra hole, you must mark & drill a 1/4" hole at this time). Place tab of bracket under the wire harness support. Use the original self-threading screw for the wire harness and bracket. Use the supplied bolt and self-locking nut through the additional hole. Tighten these bolts finger tight at this time. (Figure C)
- 5) Reinstall the intake hose onto the air flow sensor. Tighten the hose clamp and the mounting bracket bolts at this time.
- 6) Place aFe filter into position with the cone pointed down. Slightly compress the large open end to allow the filter to drop down past the filter adapter ring and fender lip. Then rotate the filter into position and install onto filter adapter ring. Tighten filter clamp once the filter is evenly in position. The hose clamp on the air flow sensor should be tightened at this time. (Figure D)

Your installation is now complete. Start engine and check for unusual noises. If you have any questions with regards to this installation, please feel free to call our toll free support line.

Place the included CARB EO Sticker on or near the intake system on a smooth, clean surface. E.O. identification label is required in passing the Smog Check Inspection.

Figure A



Figure B



Figure C



Figure D



Write to us
P.O. Box 1719
Corona, CA 92878
www.afefilters.com