

# RACER'S CHOICE™

## Air Induction Systems



POWER by DESIGN™

### Installation Instructions for 1999-2004 Ford F-250 5.4L V8 & 1999-2005 Ford Excursion 5.4L V8 Part # 3954



#### Parts Included:

- 1- MAC Filter
- 1- MAC Air Dam
- 1- MAC Velocity Adaptor
- 1- MAC Air Tube
- 2- MAC Silicone Hoses

1. Start by disconnecting the wire harness from the MAF sensor to the vehicles wire harness.
2. Loosen the hose clamp that attaches the stock air tube to the filter assembly and remove it from the vehicle.
3. Loosen the clamp that holds the filter unit in place and remove it from the housing. Next using a flat head screw driver pry open the stock air box (note: there are notches (3) in the plastic housing to make this step easier). And reach into the unit and disconnect the wire harness from the MAF sensor.
4. Remove the stock air tube from the vehicle by loosening the hose clamp on the throttle body.
5. Remove the plate that held the stock air box in place and set aside the hardware for reuse with the MAC air system.
6. Remove the MAF meter from the stock air box using a 10mm socket.
7. Install the MAC velocity adaptor to the MAF meter using the gasket to the MAC air dam using the hardware provided. Note: The bolts will need to pass through the MAF meter and the MAC air dam to tighten to the velocity adaptor.
8. Install the MAC air dam into the stock location using the stock hardware.
9. Install the oval silicone hose to the throttle body and tighten the hose clamp.
10. Install the straight silicone hose to the MAC air tube and tighten the hose clamp.
11. Install the MAC air tube to the silicone hose on the throttle body and to the MAF meter and tighten the hose clamps.
12. Remove the wire harness from the stock air box by pulling the rubber grommet out. Once the grommet is removed the harness will come right out.
13. Install the MAC filter to the velocity adaptor and tighten the filter clamp. Note: Do not over tighten the clamp on the filter.
14. Reconnect the wire harness to the MAF sensor and to the vehicles wire harness.
15. Check and make sure that all of the hose clamps are tightened.
16. You are Finished with your MAC air system.



Thank you for purchasing MAC!

• MAC • 43214 Blackdeer Loop • Temecula, CA 92590 • [www.macperformance.com](http://www.macperformance.com) •  
• Local & Tech Support (951)296-3077 • US 800-367-4486 • Fax (951)296-3044 •