



advanced FLOW engineering™  
P.O. Box 1719  
Corona, CA 92878  
Support: 951-493-7100  
[aFepower.com](http://aFepower.com)

**Intake Kit Installation Instructions: 2004.5-2005 GM Sierra/Silverado 2500HD/3500 V8-6.6L Duramax LLY (td)**

|                                                 |                                     |                   |                                           |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
|-------------------------------------------------|-------------------------------------|-------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Kit Part #</b>                               | 51/54/75-10611 Stage 1              | <b>Kit Part #</b> | 51/54/75-10612 Stage 2                    | <b>Tools Required</b>                                                                                                                                | <b>Part List: Stage 1</b>                                                                                                                                                                                                                                                                                                                    | <b>Part List: Stage 2 (additional components included in 54-10612) (These components also comprises 54-10619 Tube Kit)</b> |
|                                                 |                                     |                   | 75-10612-0V Stage 2 w/Value Pack 54-10619 | 10mm socket or wrench<br>7/16" wrench<br>Torx bit (supplied in kit)<br>5/16" nutdriver or slotted screwdriver<br>Phillips screwdriver<br>3/8" wrench | 1 Filter & Clamp (P/N 24-91029 P5R or P/N 21-90026 ProDry S or P/N 72-90026 Pro-Guard 7)<br>1 Housing<br>1 Cover<br>1 1/4-20 x 3/4 hex head bolt<br>6 Flat Washers<br>2 5/32" screw<br>1 Torx bit<br>1 Filter adapter<br>1 gasket, MAF sensor<br>3 Washer, Split Lock<br>2 Nylon spacers<br>3 1/4"-20 x 1 1/8" hex head bolt<br>3 1/4"20 nut | 1 Intake tube<br>1 Coupling, turbo reducer<br>1 Coupling, filter housing<br>3 Clamps, #072<br>1 Clamp, #060                |
| <b>Make:</b>                                    | Chevrolet                           | <b>Make:</b>      | Chevrolet                                 |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <b>Model:</b>                                   | Silverado 2500 HD<br>Silverado 3500 | <b>Model:</b>     | Silverado 2500 HD<br>Silverado 3500       |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <b>Engine:</b>                                  | V8-6.6L LB7/LLY (td)                | <b>Engine:</b>    | V8-6.6L LLY (td)                          |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <b>Year:</b>                                    | '01-'05                             | <b>Year:</b>      | '04.5-'05                                 |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <b>Make:</b>                                    | GMC                                 | <b>Make:</b>      | GMC                                       |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <b>Model:</b>                                   | Sierra 2500 HD<br>Sierra 3500       | <b>Model:</b>     | Sierra 2500 HD<br>Sierra 3500             |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <b>Engine:</b>                                  | V8-6.6L LB7/LLY (td)                | <b>Engine:</b>    | V8-6.6L LLY (td)                          |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <b>Year:</b>                                    | '01-'05                             | <b>Year:</b>      | '04.5-'05                                 |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |
| <b>Note:</b> The tube fits only the LLY engine. |                                     |                   |                                           |                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |



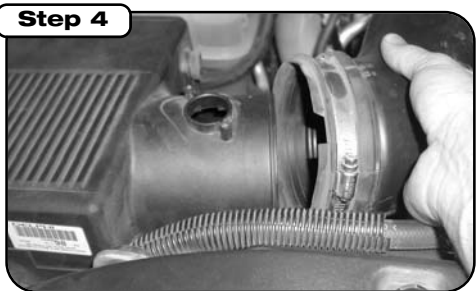
Complete Stage 2 shown. Stage 1 kit does not include tube, clamps and couplers.



Complete stock intake.



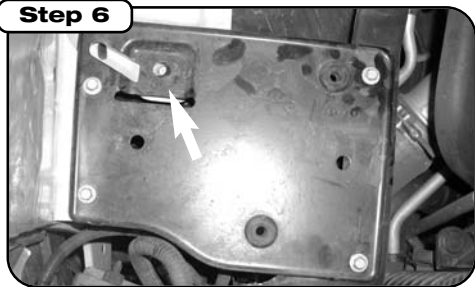
Remove two screws that hold mass air flow sensor to stock airbox using supplied torx bit and remove sensor from airbox.



Loosen and separate stock intake tube from stock airbox.



Remove the complete stock airbox from the rubber mounts. Pull up and slide sideways toward radiator.



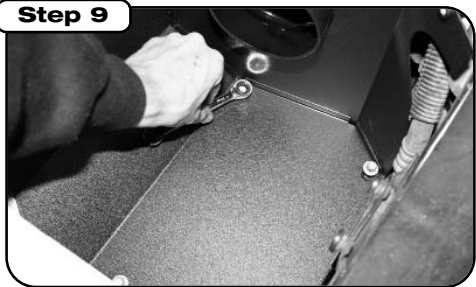
Remove (5) 10mm bolts as shown to remove airbox pan.



Install filter adaptor to housing with screws and nuts provided. Fasten securely.



Insert mass air flow sensor back into housing and tighten down using 2 screws, 2 nylon spacers and gasket provided between sensor and tube.



Install housing and re-use 4 bolts from step 6. Fasten securely.



Reconnect stock intake tube to Housing. Fasten securely. Also reconnect MAF sensor harness.



Install filter and tighten clamp. Do not use oil or grease.



Place cover on top of housing and fasten securely using 3 supplied 1/4-20x3/4 bolts and washers. For stage I kits, make sure all clamps are tight and all components are secure. Check and retighten connections and filter after a few hours of operation. (End of stage I installation instructions.)



Complete Stage 1 kit installed, for Stage II kit and Torque Booster Tube instructions, continue on to step 14 and 15.



Install provided couplers. Be sure to install the small end of the tapered coupler to the turbo inlet housing. The remaining coupler must be installed with the smaller inner diameter attached to the heat shield, and the larger inner diameter will receive the Stage II tube. Install Stage II tube into couplers. Reposition duct clamps if additional clearance is necessary.



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. Complete Stage 2 kit installed. Make sure all clamps are tight and all components are secure. Check and retighten connections and filter after a few hours of operation.