



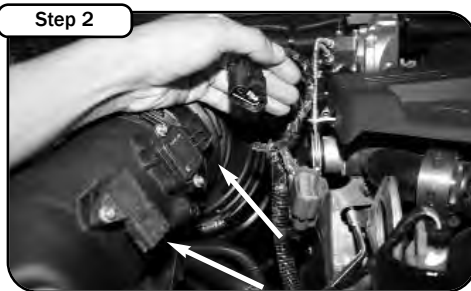
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 aFepower.com

## Intake Kit Installation Instructions: 2007.5-2010 Dodge Ram Cummins L6-6.7L (td) Stage 2

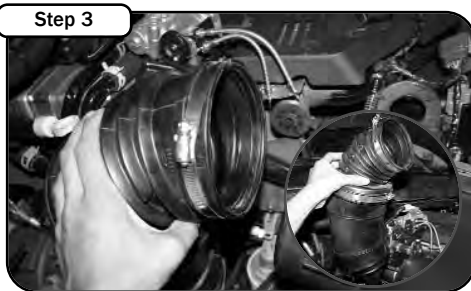
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|--|---|---|---|---|
| <b>Kit P/N:</b> 51/54/75-31342-1<br>75-31342-1V (Value pack) | <b>Tools Required:</b><br>5/16" nut driver<br>Flat head screwdriver<br>Phillips screwdriver<br>10mm socket or wrench<br>13mm socket or wrench<br>3/8" socket or wrench<br>7/16" socket or wrench<br>T-20 torx bit (included)<br>Ratchet and extension | <b>Parts List:</b><br>1 Air filter : <b>Pro 5R™</b> 24-91044<br><b>Pro-GUARD 7™</b> 72-91044<br><b>Pro Dry S™</b> 21-91044<br>1 Housing, (05-00898)<br>1 Tube, (05-00897)<br>1 Gasket, temp sensor (03-00593)<br>1 Gasket, MAF sensor (05-00118)<br>1 3/4" trim seal @47"L (05-00007)<br>2 Screw, comb 1/4-20x1 (03-50122)<br>2 Screw, hex 3/8"x1-1/2" (03-50046) | 2 Washer, flat 1/4" (03-50043)<br>3 Screw, #8-32x5/8 (03-50045)<br>2 Nut, hex nylon 3/8" (03-50047)<br>4 Washer, flat 3/8" (03-50048)<br>2 Washer, lock 1/4" (03-50062)<br>1 T-20 Torx bit (03-50066)<br><b>2010 Only Hardware</b><br>1 Nut, lock 1/4"-20 (03-50073)<br>2 Washer, Flat M6 (03-50070)<br>1 Bracket, housing (05-01113)<br>1 Screw, hex 1/4-20x3/4 (03-50100) | <b>75-31342-1V Value Pack Only</b><br>1 <b>Pro Dry S™, filter (21-91044)</b><br>2 <b>Restore kit, gold (90-50500)</b><br>1 <b>Pre-filter (28-1005X)</b> |
|--|---|---|---|---|



**Step 1**  
Complete stock intake.



**Step 2**  
Disconnect MAF sensor and temp sensor harness.



**Step 3**  
With 5/16" nut driver, loosen the clamp at air box and at bottom of intake tube. (Make sure NOT at turbo!) Remove upper half of OE intake tube and leave bottom OE coupler.



**Step 4**  
Loosen the 10mm nut at front of air box and remove. Carefully grab and pull out OE intake system from vehicle.



**Step 5**  
Loosen and remove the 13mm radiator bolt. Set aside for later use.



**Step 6**  
Remove the MAF sensor and the temp sensor with T-20 torx bit provided.



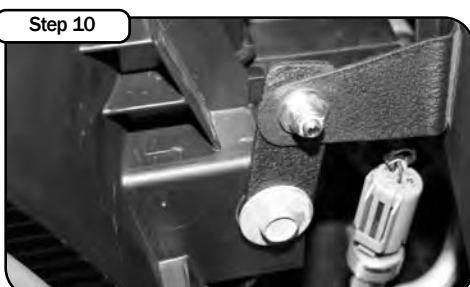
**Step 7**  
Insert MAF sensor and temp sensor into new tube with gaskets and #8-32 screws provided. Tighten using flathead screwdriver. Install filter minder grommet in hole provided and install filter minder.



**Step 8**  
Install trim seal to housing, make sure cutout is at pem-nut on housing. Install tube to outside of housing. Tighten using hex screws, split and flat washers provided with 3/8" socket or wrench.



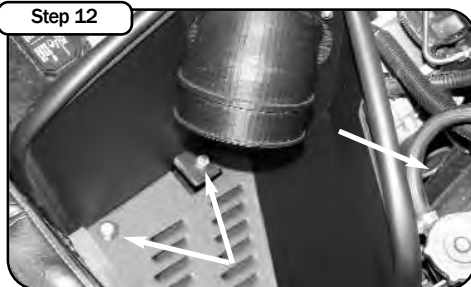
**Step 9**  
Install new housing with intake tube into vehicle. Position tube and housing to factory position.



**Step 10**  
2010 Only use provided bracket, and hardware provided. (see parts list above for hardware) Secure housing and tighten.



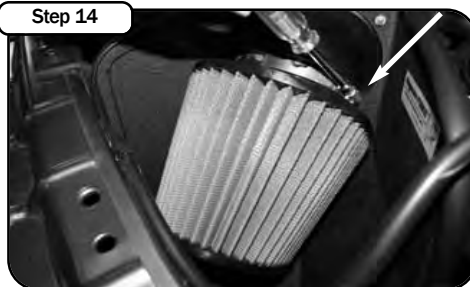
**Step 11**  
Make sure intake tube is inside of OE coupler. Do not tighten clamp at this time (see step 13).



**Step 12**  
With hardware provided, tighten down housing using 14mm socket or wrench. Re-install 13mm radiator bolt through housing from step 6.



**Step 13**  
Now tighten clamp at OE coupler and tube using 5/16" nut driver. Connect MAF sensor and temp sensor.



**Step 14**  
Install air filter and tighten using 5/16" nut driver.



**Step 15**  
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. Your installation is now complete. Check all clamps and connections. Periodically check all clamps and hoses. Thank you for choosing aFe!

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe's "Restore Kit" (aFe P/N: 90-50001 blue oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil or aFe P/N: 90-50000 gold oil aerosol, or aFe P/N: 90-50500 gold squeeze oil).  
 Filter Replacement: Magnum FLOW PN: 24-91044 (black w/blue media) or 72-91044 **Pro-GUARD 7** (black w/gold media) or **Pro Dry S** P/N 21-91044 (black w/ white media) Pro Dry S cleaning: see cleaning instruction sheet 06-00074