

Intake Kit Installation Instructions: 2009-2012 Dodge Ram 1500/2500/3500 V8-5.7L Hemi Stage-2 Air Intake



Kit Part #	51/54-11632	Tools Required:	Part List:	
Make:	Dodge	5/16" nut driver or slotted screwdriver	1 Air filter <i>Pro-5R™</i> 24-91040 or <i>Pro Dry S™</i> 21-90053	1 Coupling, straight (05-00307)
Model	Year	Engine	1 Air filter adapter	1 Coupling, elbow (05-00464)
Ram 1500	09-12	V8-5.7L Hemi	5 M6x10 button head bolts	3 Clamps #056
Ram 2500	09-12	V8-5.7L Hemi	1 Tube, intake	1 Clamp #064
Ram 3500	09-12	V8-5.7L Hemi	1 Housing	
			1 Grommet	
			1 Rubber hose 36"	
			1 Trim-seal 29.25"	



Complete stock intake.



Loosen the clamp at the throttle body.



Disconnect the tempature sensor by sliding back the red clip, then pushing the black release tab and pulling off.



Unplug the crank case breather tube.



Unclip all four clips on the stock air box.



Pull up on the stock intake tube to remove it from the throttle body.



Lift off the stock air box cover and tube.



Remove the stock air filter.



Secure the air filter adapter to the housing using the (5) M6 allen bolts provided. Then place filter onto filter adapter and tighten the clamp.



Place aFe housing and filter into the stock OEM Airbox and clip all four clips to secure housing.



Remove the engine cover by pulling up on one side at a time to pop it loose. Install the straight coupling on the throttle body and tighten the lower clamp but leave the top clamp loose.



Twist the crank case breather line and pull it directly up to remove.



Replace old crank case breather line with the hose provided and run in direction of the OEM line and put the engine cover back on. Remember that the engine cover has a slot where this line will come out from.



Place the elbow coupling onto the adapter but do not tighten clamp until later.



Remove the temperature sensor from the stock intake tube. Use a rag to help pull the sensor straight out. The sensor is plastic so take your time and be careful when removing.

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, aFe P/N: 90-50501 blue squeeze bottle oil, or aFe P/N: 90-59999 Pro-Dry S Cleaner)
Filter Replacement: Magnum FLOW P/N: **Pro-5R™**#24-91040 (black w/blue media) or **Pro Dry S™**#21-90053 (black w/white media)

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Make:	Dodge	5/16" nut driver or slotted screwdriver	1 Air filter <i>Pro-5R™</i> 24-91040 or	1 Coupling, 15deg elbow (05-00816)
Model	Year	4mm Allen Wrench	<i>Pro Dry S™</i> 21-90053	1 Coupling, 60deg elbow (05-00464)
Ram 1500	2009-2012		1 Air filter adapter	3 Clamps #056
Ram 2500	2009-2012		5 M6x10 button head bolts	1 Clamp #064
Ram 3500	2009-2012		1 Tube, intake	
			1 Housing	
			1 Grommet	
			1 Rubber hose 36"	
			1 Trim-seal 29.25"	



Step 16
Place the provided grommet into the hole on your new aFe intake tube. **Note: Tube finish may vary from photos.**



Step 17
Install your temperature sensor into the grommet.



Step 18
Place intake tube into the couplings and make sure the elbow coupler is in the correct position and is not kinked before tightening all clamps.



Step 19
Plug in the supplied crank case breather hose to the intake tube nipple.



Step 20
Reinstall your temperature sensor plug and press the red tab back to lock it into position.



Step 21
Your install is complete. Make sure all clamps are tight and all electrical connections are secure. Retighten all clamps after a few hours of use.
NOTE: Place enclosed CARB EO sticker on a clean/smooth surface on or near the intake system. EO identification label is required to pass the smog inspection.

Thank you for choosing aFePower.

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