




Installation Instructions  
JLT NEXT GENERATION BIG Air Intake Kit for  
1999-2004 Ford Lightning; 2002-03 F150 Harley Davidson  
#BAI2-FL-9904

Thank you for purchasing our product. We hope you are satisfied with the look and performance.  
Take your time and it will be a smooth install. Visit [www.JLTtruecoldair.com](http://www.JLTtruecoldair.com) for install video located in product details.

Please review complete instructions prior to installing.

Step#	
1	Verify you have all of the following parts included in the kit: (1) JLT Intake tube with IAT, IAC and PCV grommet & vacuum line fitting, (1) 4.5" Silicone Coupler, (1) 4-4.5" Silicone Reducer, (1) JLT heat shield, (1) Billet MAF Adaptor with bolts, (1) MAF gasket, (1) 4x12" Air Filter, (3) #72 Clamps, (1) #64 Clamp, (1) Vacuum Line, and (1) Silicone Spacer (for use on early Lightnings with 80mm MAF only)
2	Gather all of the following tools needed for the installation: 5/16 Nut Driver, 10mm Open End Wrench, 11mm Open End Wrench, Phillips Head Screwdriver
3	Remove the factory Air Box Assembly from the throttle body to air box.
4	Unbolt your Mass Air Flow Sensor from the filter housing, and install the MAF filter adaptor using the supplied MAF gasket and bolts shown below. Do not reuse the screen <b>BOLTS GO THROUGH MAF AND THREAD INTO ADAPTOR.</b>
	 <p>SILICONE SPACER FOR 80MM MAF</p> <p>RUBBER GASKET IN BETWEEN</p> <p>MAF ADAPTOR</p> <p>BOLT</p> <p>STOCK MAF</p>
5	Add the coupler, reducer, clamps and MAF to the tube and leave clamps loose for adjustment.
	

6	<p>Install heat shield onto the MAF adaptor and add filter. Position it so the MAF is in the stock position and tighten clamp to hold shield tight. Use pressure on the filter to "sandwich" the heat shield in position.</p> <p><b>Note: Keep the MAF in it's stock rotation. Meaning, remember where the plug position was stock and return it to the same position.</b></p>
7	<p>Tip filter in first and lower down onto throttle body. Tighten clamp at throttle body, make over all adjustments and tighten remaining clamps. FINGER TIGHT ONLY</p>
8	<p>Connect the IAC, PCV and vacuum lines now. Use a little oil on the grommets to help with the hoses. Use supplied vacuum line.</p>
9	<p>Remove IAT sensor from the stock tube and install in the grommet in the bottom of the JLT tube and plug it in.</p>
10	<p>Plug in MAF and you are done.</p>



Thank you for your business. If you have any questions, please e-mail [Jay@JLTtruecoldair.com](mailto:Jay@JLTtruecoldair.com) or call 757-335-1940. Our hours are 8:00am – 5:00pm Eastern Time.

This kit includes an S&B Powerstack pre-oiled reusable air filter. The frequency you should clean your filter will depend on your driving conditions. It is recommended to check your filter at every oil change or 3,000 miles. If there is a build up of dirt as thick as the wire mesh, then it's time to clean your filter. As dirt builds up on your filter, the restriction of the airflow also increases. More frequent cleanings will improve your fuel economy and your vehicle's performance.

To properly clean your filter, we recommend the S&B Precision Cleaning & Oiling Kit (located in the Parts Sold Separately Section of our website, [www.JLTtruecoldair.com](http://www.JLTtruecoldair.com)).

**Warranty:** JLT Performance Inc. will repair or replace any part of their product found upon our inspection to be defective in workmanship or material within 1 year from the purchase date for the original purchaser.

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**Return Policy:** All returns will be subject to a 10%-25% restocking fee. Air Filters will not be accepted for return unless they are in original plastic sealed bag. Please visit [www.JLTtruecoldair.com](http://www.JLTtruecoldair.com) for complete return policy.