



# BladeRunner™ Charged Air Manifold Installation Instructions: 2003-2004 Ford Power Stroke V8-6.0L (td)

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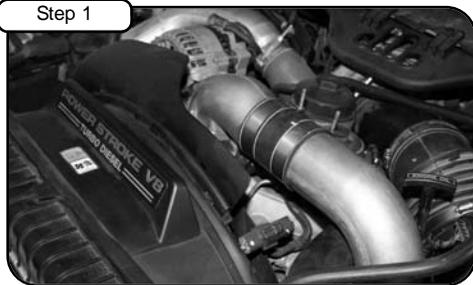
<b>Part Number:</b> 46-10031		
<b>Make:</b> Ford		
<b>Model:</b>	<b>Year:</b>	<b>Engine:</b>
F-250	'03-'04	V8-6.0L (td)
F-350	'03-'04	V8-6.0L (td)
F-450	'03-'04	V8-6.0L (td)
F-550	'03-'04	V8-6.0L (td)
Excursion	'03-'04	V8-6.0L (td)

<b>Tools Required:</b>
7/16" socket or wrench
10mm socket or wrench
8mm socket or wrench
Torque wrench
Ratchet w/ extension
3/16" allen key

<b>Parts list:</b>	
1 Manifold, Charged Air	1 Seal ring
1 Screw, hex head M6 x 1.00 x 70	4 Washer, flat M6
2 Screw, hex head M6 x 1.00 x 100	2 Plug, 1/8" NPT
1 Screw, hex head M6 x 1.00 x 130	1 Threadlocker, blue



Complete Kit w/ Parts



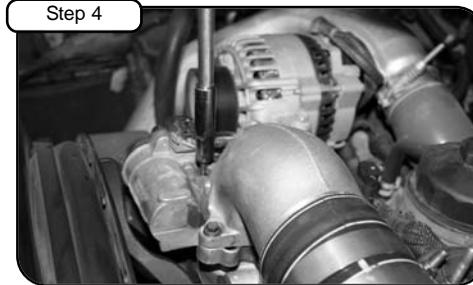
Stock Intake Manifold.



With a 7/16" socket with ratchet, loosen the intercooler coupler hose clamp. See note 6.



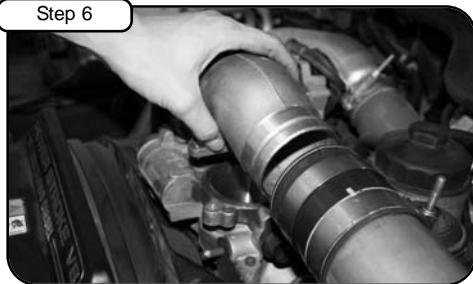
Pull back clamp.



With 10mm socket and extension, loosen the 1 screw closest to passenger headlight.



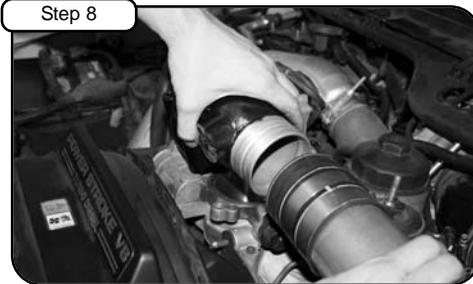
With 8mm socket and extension, loosen the 3 remaining screws.



Remove stock manifold out of vehicle.



Remove old seal, replace with new seal provided.



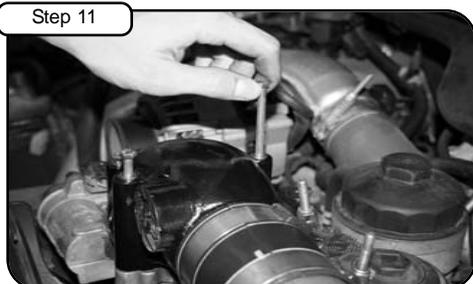
Install 1/8" NPT plugs to back of manifold. Tighten using 3/16" allen key. Install new aFe BladeRunner manifold to vehicle. See notes 2 & 3.



Carefully guide manifold into coupler hose.



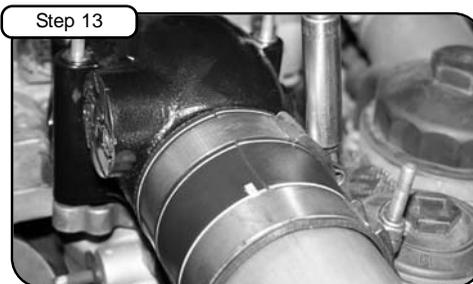
Slide back clamp. Do not tighten.



Apply threadlocker to all screws. Secure manifold with flat washers and screws.



Tighten the four mounting screws from Step 11 using 10mm socket. See notes 2 & 5



Tighten the clamp using 7/16" socket. See notes 2 & 4



Your installation is now complete. Please check all screws periodically. Re-tighten if necessary. Thank you for choosing aFepower!

Place the included CARB EO sticker on or near the Charge Air Manifold on a smooth, clean surface. EO identification label is required to pass the Smog Check Inspection.

Notes: 1) Use provided Threadlocker (P/N 03-50162) on all screws. 2) DO NOT over-tighten screws. Please tighten to correct torque spec(s). advanced FLOW engineering™ is not responsible for improper install. 3) Apply 62 in. lbs. torque. 4) Apply 75 in. lbs. torque. 5) Apply 10 ft. lbs. torque. 6) Fan shroud was removed for picture clarity. Removal of fan shroud is not required to install manifold.