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

Part Number: 46-10031	Tools Required: 7/16" socket or wrench 10mm socket or wrench 8mm socket or wrench Torque wrench Ratchet w/ extension 3/16" allen key	Parts list: 1 Manifold, Charged Air 1 Screw, hex head M6 x 1.00 x 70 2 Screw, hex head M6 x 1.00 x 100 1 Screw, hex head M6 x 1.00 x 130	1 Seal ring 4 Washer, flat M6 2 Plug, 1/8" NPT 1 Threadlocker, blue
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Step 1
Stock Intake Manifold.



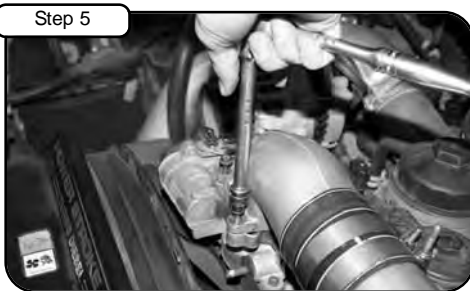
Step 2
With a 7/16" socket with ratchet, loosen the intercooler coupler hose clamp. See note 6.



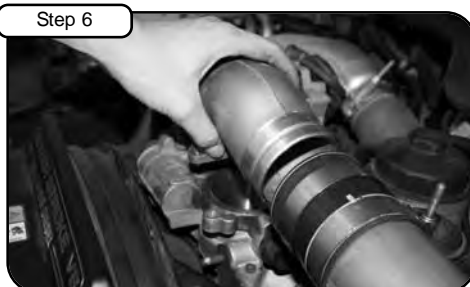
Step 3
Pull back clamp.



Step 4
With 10mm socket and extension, loosen the 1 screw closest to passenger headlight.



Step 5
With 8mm socket and extension, loosen the 3 remaining screws.



Step 6
Remove stock manifold out of vehicle.



Step 7
Remove old seal, replace with new seal provided.



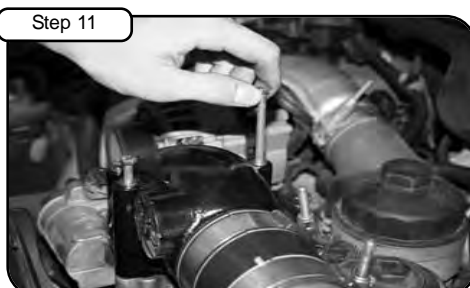
Step 8
Install 1/8" NPT plugs to back of manifold. Tighten using 3/16" allen key. Install new aFe BladeRunner manifold to vehicle. See notes 2 & 3.



Step 9
Carefully guide manifold into coupler hose.



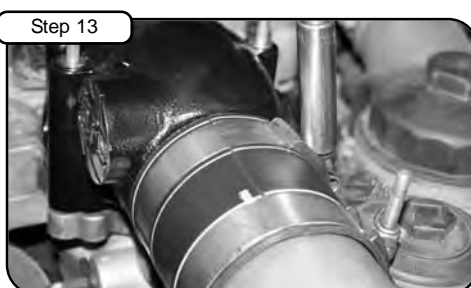
Step 10
Slide back clamp. Do not tighten.



Step 11
Apply threadlocker to all screws. Secure manifold with flat washers and screws.



Step 12
Tighten the four mounting screws from Step 11 using 10mm socket. See notes 2 & 5



Step 13
Tighten the clamp using 7/16" socket. See notes 2 & 4



Step 15
Your installation is now complete. Please check all screws periodically. Re-tighten if necessary. Thank you for choosing aFepower!

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.