



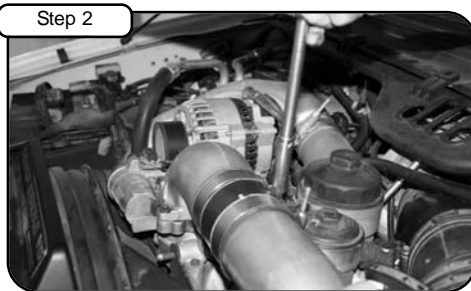
advanced FLOW engineering™  
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 Support: 951-493-7100  
 www.aFepower.com

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

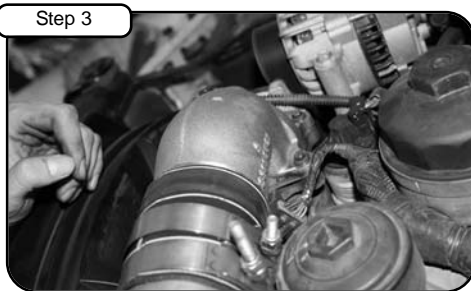
<b>Part Number:</b> 46-10031	<b>Tools Required:</b> 7/16" socket or wrench 10mm socket or wrench 8mm socket or wrench Torque wrench Ratchet w/ extension 3/16" allen key	<b>Parts list:</b> 1 Manifold, Charged Air 1 Screw, socket cap M6 x 1.00 x 70 2 Screw, socket cap M6 x 1.00 x 100 1 Screw, socket cap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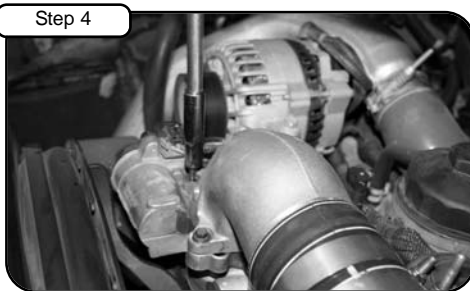
Step 1  
Stock Intake Manifold.



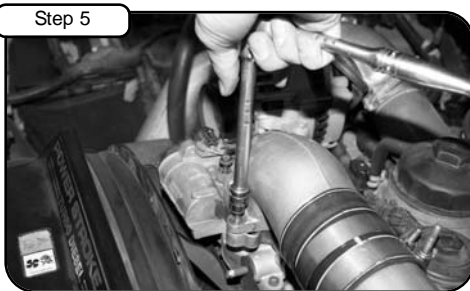
Step 2  
With a 7/16" socket with ratchet, loosen the intercooler coupler hose clamp. See note 6.



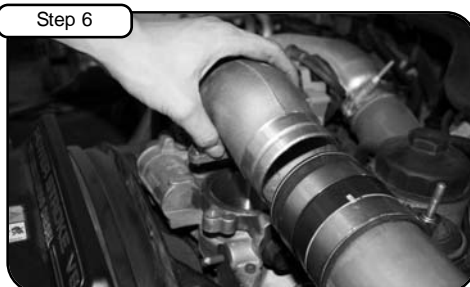
Step 3  
Pull back clamp.



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



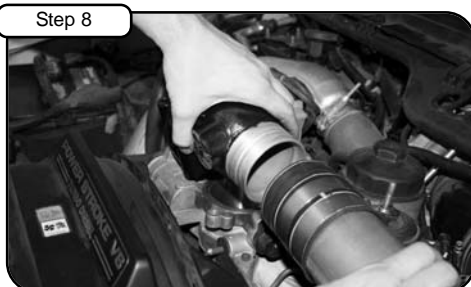
Step 5  
With 8mm socket and extension, loosen the 3 remaining screws.



Step 6  
Remove stock manifold out of vehicle.



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



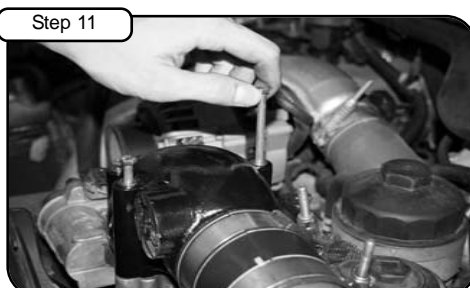
Step 8  
Install 1/8" NPT plugs to back of manifold. Tighten using 3/16" allen key. Install new aFe BladeRunner manifold to vehicle. See notes 2 & 3.



Step 9  
Carefully guide manifold into coupler hose.



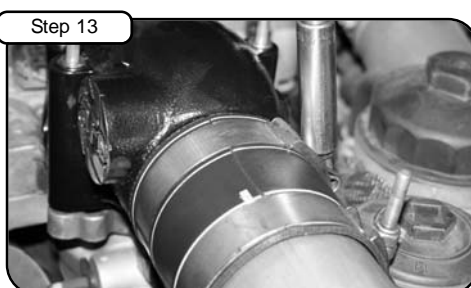
Step 10  
Slide back clamp. Do not tighten.



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



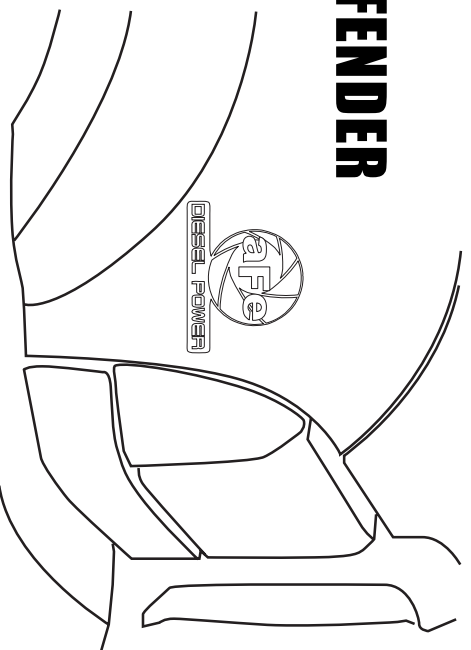
Step 15  
Your installation is now complete. Please check all screws periodically. Re-tighten if necessary. Thank you for choosing aFepower!

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.

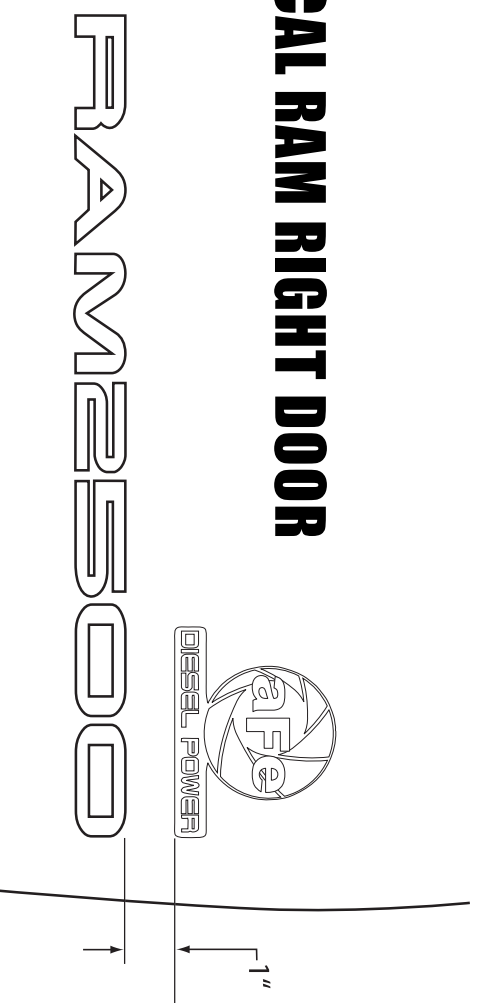
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Your system includes one "Diesel Power" logos designed to compliment your truck.  
Use the diagrams below for positioning of the logo for a clean factory look.

## TYPICAL FORD RIGHT FENDER



## TYPICAL RAM RIGHT DOOR



## TYPICAL GM TRUCK LEFT DOOR

