



**advanced FLOW engineering™**  
 P.O. Box 1719  
 Corona, CA 92878  
 Support: 951-493-7100  
 aFepower.com

## Intake Kit Installation Instructions: 97-02 Jeep Wrangler TJ L4-2.5L Stage 2

<b>Kit P/N:</b> 51/54-11832	<b>Tools Required:</b> 5/16" nut driver 1/4" nut driver Flat head screwdriver 8MM socket or wrench 10mm socket or wrench Ratchet w/extension	<b>Parts List:</b> 1 Air filter ( <i>Pro-5R™</i> 24-30018 or <i>Pro Dry 5™</i> 21-30018) 1 Housing (05-00086) 1 Coupler, elbow (05-00395) 1 Coupler, straight (05-00570) 1 Tube, intake wrinkle black (05-01082) 1 3/4" trim seal @ 25.5 "L (05-00007) 4 Washer, flat fender (03-50074)	2 Nut M6 (03-50059) 2 Washer, wavy M6 (03-50058) 2 Screw, hex M6 (03-50057) 2 Clamp, #044 (03-50019) 2 Clamp, #048 (03-50007) 1 Grommet, rubber (03-50076) 2 Mini clamp, #008 (03-50077) 1 5/8" hose @ 7.5L" (05-00069)
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**Step 1**  
**Complete Stock Intake.**  
 Disconnect battery before install.



**Step 2**  
 Loosen clamp on stock intake using 5/16" nut driver.



**Step 3**  
 Loosen clamp on throttle body using 5/16" nut driver.



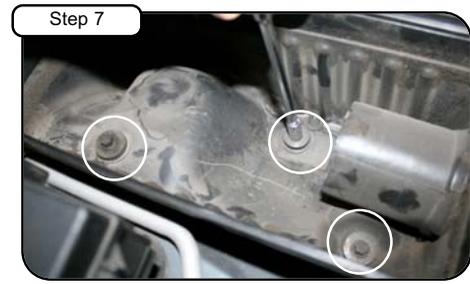
**Step 4**  
 Loosen bolts holding in stock intake tube on valve cover using 8mm socket or wrench and remove.



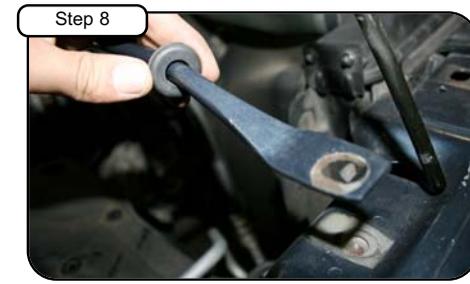
**Step 5**  
 Pull crank case line away from stock intake and remove from vehicle.



**Step 6**  
 Loosen bolt on core support bracket using 13mm socket or wrench.



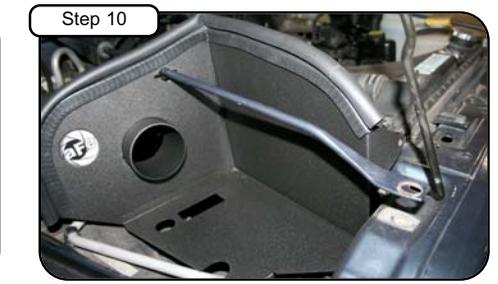
**Step 7**  
 Remove upper half of air box. Loosen the 3 bolts on bottom of air box using 8mm socket or wrench and remove.



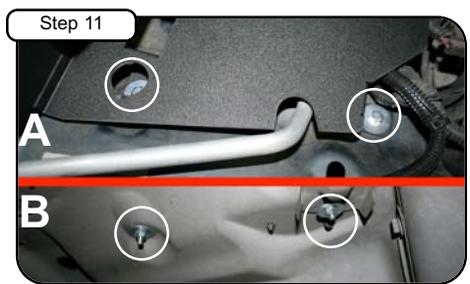
**Step 8**  
 Attach grommet provided and install on core support bracket.



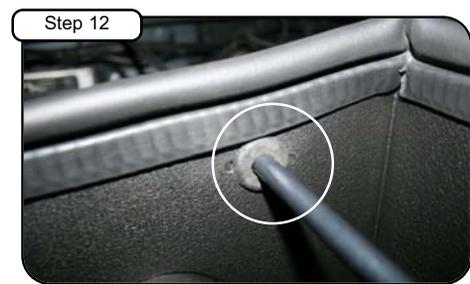
**Step 9**  
 Loosen bolt on core support using 10mm wrench. Save bolt for later install.



**Step 10**  
 Attach trim seal to housing and install. Make sure core support bracket slides through hole on housing.



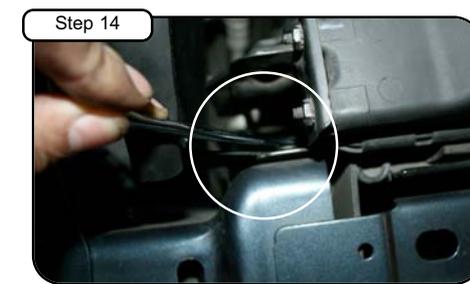
**Step 11**  
**A) Top view:** Secure housing using hex screws, fender washers, wavy washers and nuts. **B) Bottom view:** Tighten using 10mm socket or wrench.



**Step 12**  
 Align grommet from step 8 and position in hole to prevent core support bracket from vibration.



**Step 13**  
 Secure core support bracket using 13mm.



**Step 14**  
 Secure bracket on housing using screw from step 9 using 10mm wrench.



**Step 15**  
 Remove crank case line from engine.

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### Accessories Available:



**Restore Kits**  
 90-50001 Blue Aerosol  
 90-50501 Blue Squeeze  
 90-59999 Pro Dry S™ Cleaner



**Pre-filter 28-1008x**  
 1 2 3 4

### Replacement Air Filter:



**Pro-5R™ 24-30018**  
**Blue Media**

**Pro Dry S™ 21-30018**  
**White Media**

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, aFe P/N: 90-59999 Pro Dry S™ cleaner only.) Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074. For replacement part(s) or "Restore Kit" please call aFe sales/tech support @ 951-493-7100

Step 16



Attach elbow coupling with #048 clamps to housing and position. Do not tighten.

Step 17



Attach straight coupling with #044 clamps provided on end of intake tube and position to housing and throttle body.

Step 18



Install 5/8" hose with mini clamps provided and attach to engine and intake tube. Secure mini clamps using 1/4" nut driver.

Step 19



Install air filter and tighten all clamps using 5/16" nut driver. Reconnect battery terminals.

Step 20



Your installation is now complete. Make sure to check all hoses and tighten any clamps or hardware if necessary. Thank you for choosing aFepower.