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# Intake Kit Installation Instructions: 2004-Up Ford Ranger 3.0/ 4.0L V6 Stage-1 Air Intake

Kit Part #	51/54-10551 / 51/54-10741		Tools Required	Part List:	2 M6 nut
Make: For			10mm socket and wrench	1 Air filter part # 24-91016 or <b>Pro Dry S™</b> # 21-35010	1 Trim seal 7/16" bulb (26.5")
Model	Year	Engine	5/16" nut driver	1 Housing powder coat black wrinkle	2 8-32 Screws
Ranger	04-08	V6-3.0L	Philips screwdriver	1 Intake tube rotomolded	
Ranger	04-11	V6-4.0L	Torx driver	1 Gasket MAF	
Make: Mazda			Ratchet and extension	2 M6 washer wavy	
Model	Year	Engine		2 M6 x 1 x 25mm hex head	
B3000	04-08	V6-3.0L		2 Spacer nylon	
B4000	04-11	V6-4.0L		2 M6 washer flat	



**Step 1**  
 Complete kit with parts.  
 Note: Please confirm Parts List and read all instructions steps before proceeding with actual installation.



**Step 2**  
 Complete stock intake.



**Step 3**  
 Disconnect the MAF sensor on the side of the air box.



**Step 4**  
 Loosen the factory hose clamp on the intake duct.



**Step 5**  
 Remove the upper portion of the air box and remove the factory air filter.



**Step 6**  
 Place the intake tube into the housing and secure with the provided nuts, bolts, and washers. Place the trim seal along the edge of the housing.



**Step 7**  
 Transfer the MAF sensor to the intake tube. Use the supplied gasket, nylon spacers, and screws. Pay close attention to the flow of the MAF sensor when inserting the sensor into the tube.



**Step 8**  
 Insert the new air filter into the intake tube. Install the filter from the bottom of the housing for ease of installation.



**Step 9**  
 Tighten the clamp on the air filter and re-connect the MAF sensor.



**Step 10**  
 Place enclosed CARB EO sticker on or near the device on a smooth, clean surface. EO identification label is required to pass the smog inspection.  
 Your installation is now complete. Make sure all hoses and clamps are tight and that all electrical components are secure. Check and retighten connections and filter after a few hours of operation. Close hood slowly to verify hood clearance.