



**2011+ Ford F-150  
ROUSH Cold Air Kit  
for the V6 Engine Family  
3.7L 4V Ti-VCT  
(1135-9600)**

**Installation Instructions**

Before installing your ROUSH Cold Air Kit, please read through the entire installation procedure and check to make sure all items are present. Contact ROUSH Customer Service at 1-800-59-ROUSH, 9:00 AM to 5:00 PM EST weekdays, for any questions regarding fitment or instructions that are unclear to you.





**Packaging List for F-150 Cold Air Kit**

ROUSH COLD AIR KIT (Roush PN: 1135-9600)		
Item Description	Part Number	Qty/Kit
Upper Airbox Lid Asy	1111-9A600	1
Roush Premium Air Filter w/Clamp	997-473	1
Bolt - M8 x 1.25 x 25	W500224	2
J-Clip M8 - MAF Tube to Air Box Lid	W520823	2
MAF Tube	1111-12B579	1
EPDM Seal - MAF tube to Air Box Lid	1111-9645	1

**Equipment and Supplies Required**

- 8mm Socket
- 10mm Socket
- T-20 TORX Bit
- Flat Screwdriver

**LIMIT OF LIABILITY STATEMENT**

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. ROUSH Performance Products (RPP) reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

**SAFETY REQUIREMENTS**

**STOP! READ IMPORTANT SAFETY CAUTIONS AND WARNINGS BEFORE PROCEEDING.**



## **IMPORTANT SAFETY NOTICE**

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personal injury or death. Read each step of the installation manual carefully before starting the actual installation.

1. Always wear safety glasses for eye protection.
2. Place ignition switch in the OFF position.
3. Always apply the parking brake when working on a vehicle.
4. Block the front and rear tire surface to prevent unexpected vehicle movement.
5. If working without a lift, always consult vehicle manual for correct lifting specifications.
6. Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
7. Do not smoke or use flammable items near or around the fuel system.
8. Use chemicals and cleaners in well-ventilated areas.
9. Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
10. Keeps hands and any other objects away from the radiator fan blades.
11. Keep yourself and your clothing away from moving parts when the engine is running.
12. Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
13. Allow the engine, cooling system, brakes and exhaust to cool before working on a vehicle.

### **WORK SAFELY!**

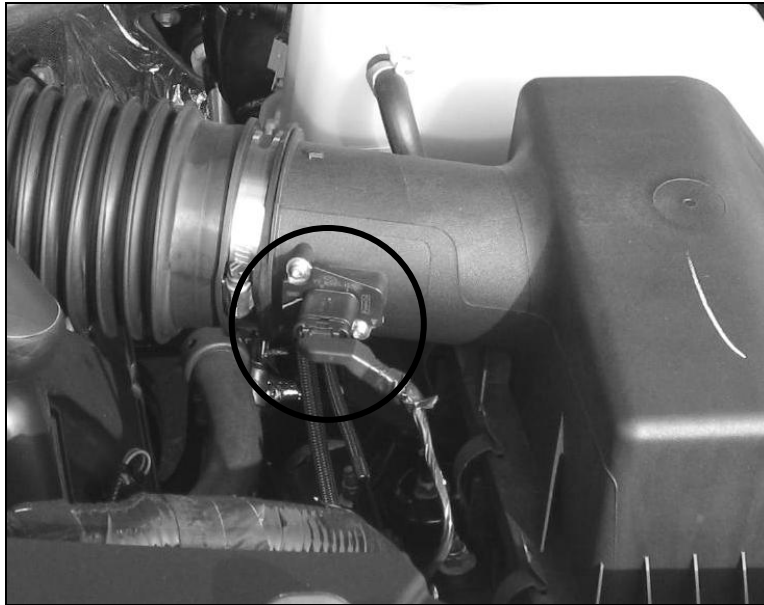
Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

Note: Allow engine to cool prior to working under hood to avoid contact with hot engine components.

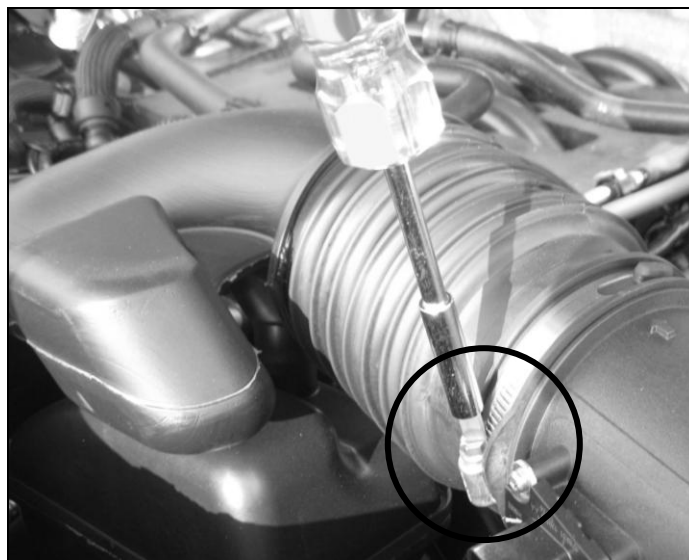
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1. Open the hood of your vehicle.
2. Disconnect the MAF sensor wiring harness from the MAF Sensor. Note – this connector has a red locking tab on the bottom side of the connector.



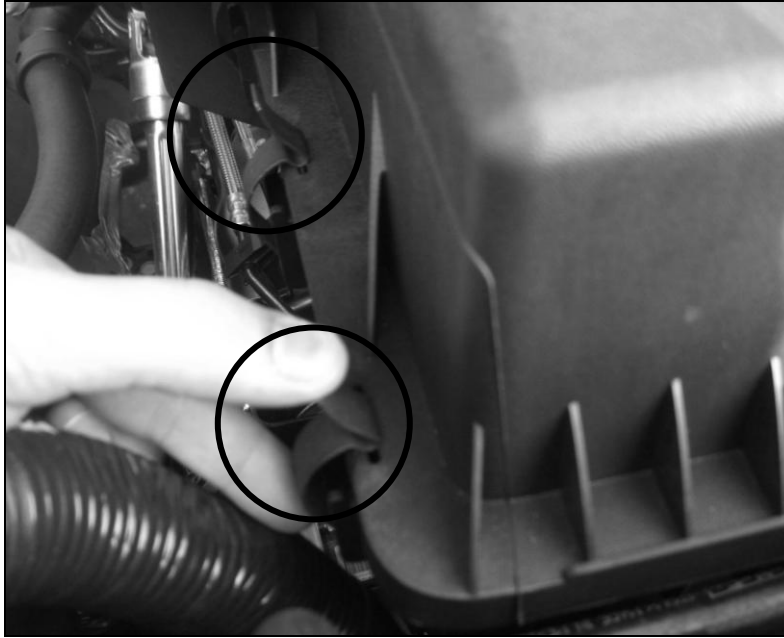
3. Loosen the hose clamp that connects the clean air tube to the airbox lid and disconnect the clean air tube at this joint. Note – Do not remove the clean air tube from the vehicle.



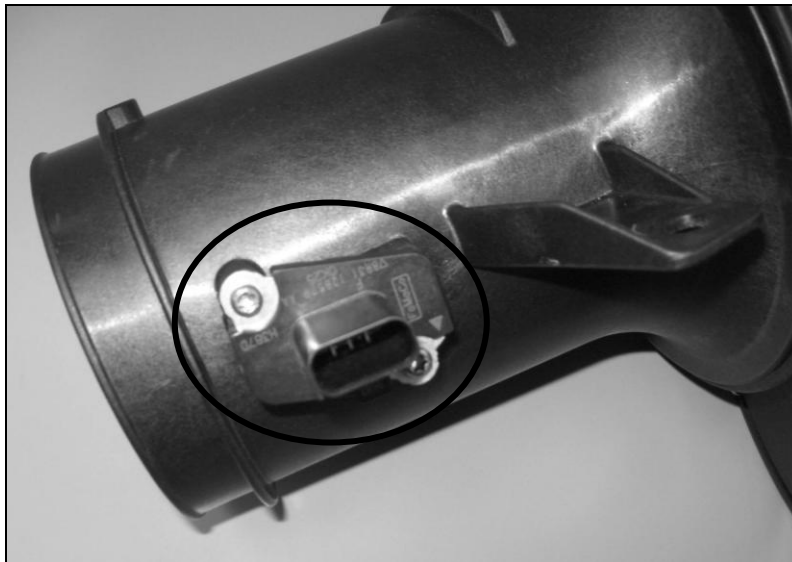
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4. Un-clip the three (3) upper air box lid clamps. Remove the air box lid and factory air filter from the lower air box tray.



5. Transfer the MAF sensor and fasteners from the factory air box lid to the new ROUSH MAF tube (1111-12B579). Torque bolts to 1.8 - 2.2 Nm.



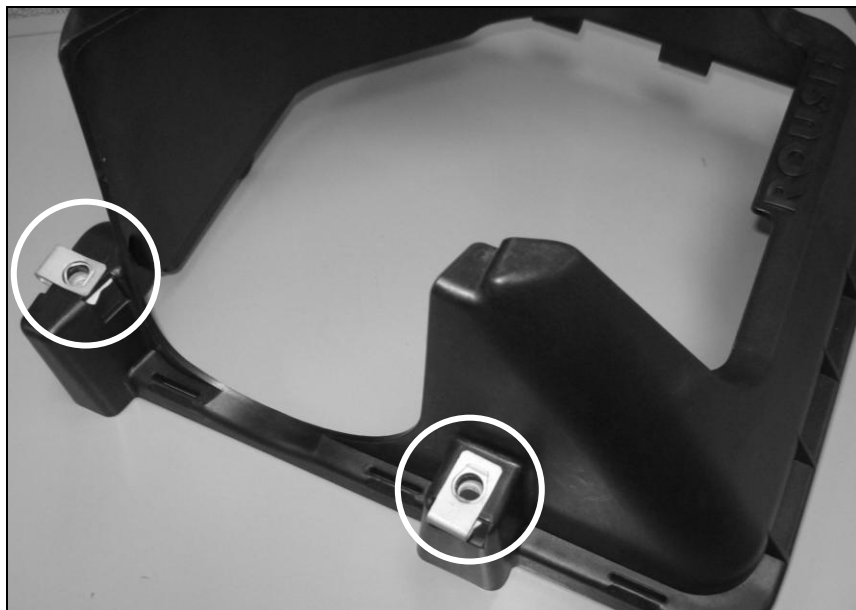
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6. Install the new ROUSH open air filter element (997-473) onto the MAF Tube. Do not tighten clamp, as filter orientation may need to be adjusted once placed in vehicle.



7. Install the two (2) J-clips provided (W520823) onto the airbox lid as shown.



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8. Slide the MAF tube and filter assembly through the bottom opening into the new ROUSH air box lid (1111-9A600).



9. Install the EPDM close out seal (1111-9645) around the MAF Tube and clip into the edges of the upper air box tray.



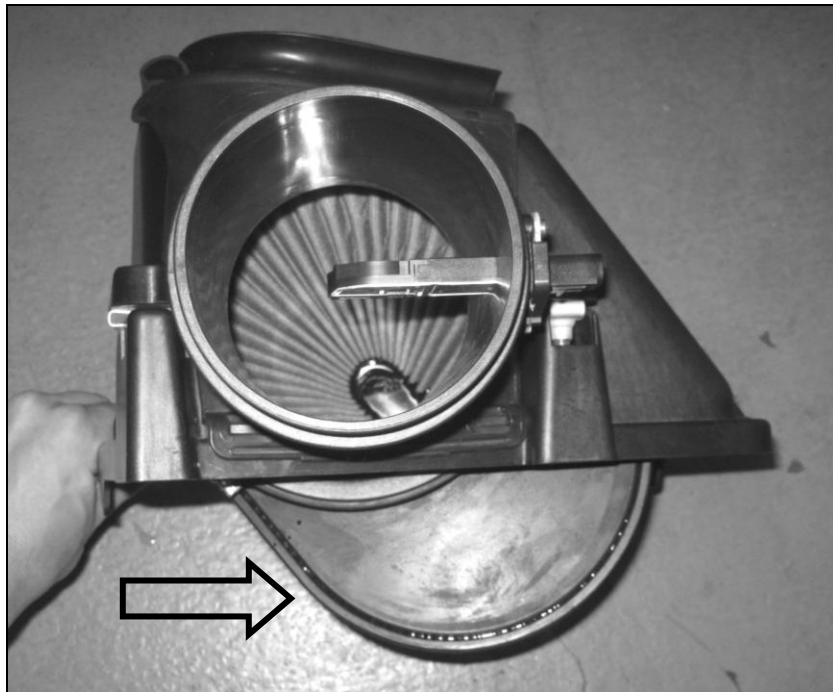
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10. Secure the MAF tube to the air box lid using the two (2) M8x25 bolts supplied (W500224). Torque to 20 Nm.



11. Orient the filter so it sits at a slight angle forward as shown.





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12. Place the new ROUSH air box lid assembly (air box lid / filter / MAF tube) into the vehicle. If necessary, adjust the filter position so it does not contact the bottom of the air box. Tighten the filter clamp.



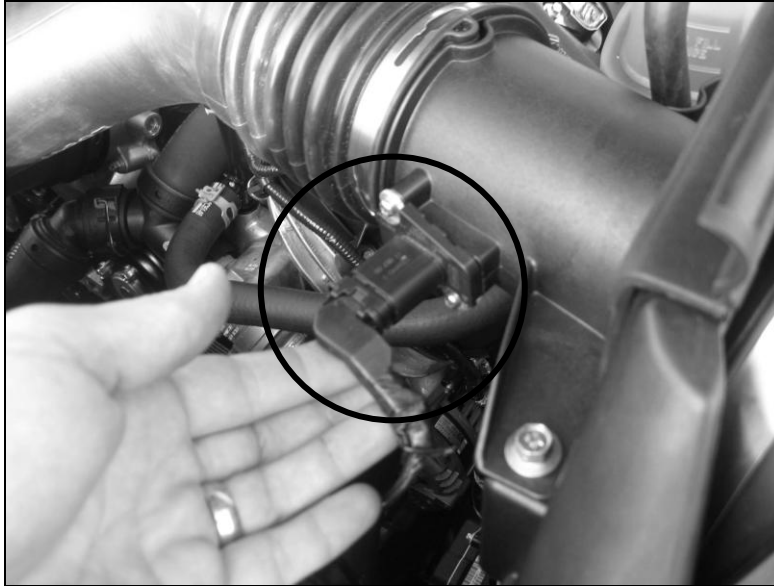
13. Connect the clean air tube to the new ROUSH air box lid assembly. Secure the clamps for the air box lid and tighten the clamp on the clean air tube to the MAF Tube.



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14. Re-connect the MAF wiring harness connector to the MAF sensor & push the lock into place.



**Congratulations!!!** You have completed the installation of the ROUSH Cold Air Kit. It is recommended that you save all parts removed from your vehicle during the installation of this kit.



## **WARRANTY**

All retail parts carry a 90-day warranty from the date of purchase. This warranty covers defects in materials or workmanship, and does not include (i) normal wear and tear, environmental conditions, improper installation; (ii) road hazards, misuse, abuse, neglect, accidents, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle; (iii) misusing the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source; (iv) altering, disassembling or modifying the parts; (v) defects caused or induced by failures, breakdowns, or damage by other parts, components or the vehicle; (vi) subjecting the parts to excessive moisture or water or any motor vehicle fluids (e.g.: oil, anti-freeze, battery acid, brake fluid, etc.); (vii) acts of God, natural disasters and other similar causes beyond the reasonable control of ROUSH; or (viii) application of chemicals that affect the parts. This Limited Warranty does not cover surface deterioration of paint, trim, and appearance items that result from use and/or exposure to the elements, such as stone chips, scratches, bird droppings, lightning, hail, windstorm, dings, dents, earthquake, road salt, tree sap, water or flood.

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