



**2012 - 2014 Ford F-150 ROUSH Cold Air Kit
3.5L V6 EcoBoost
(1112-9600EB)**

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.





Packaging List for F-150 Cold Air Kit

ROUSH COLD AIR KIT (Roush PN: 1112-9600EB)		
Item Description	Part Number	Qty/Kit
Upper Airbox Lid Asy	1111-9A600	1
Roush Premium Air Filter w/Clamp	997-466	1
Bolt - M8 x 1.25 x 25	W500224	2
Bolt - M4.2 x 20	M19-013-0018	1
J-Clip M8 - MAP Tube to Air Box Lid	W520823	2
MAP Tube	1135-12B579	1
EPDM Seal - MAP tube to Air Box Lid	1111-9645	1
Installation Manual	1112-9600EBIM	1

Note: Refer to the larger Part Number on the MAP Tube

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!

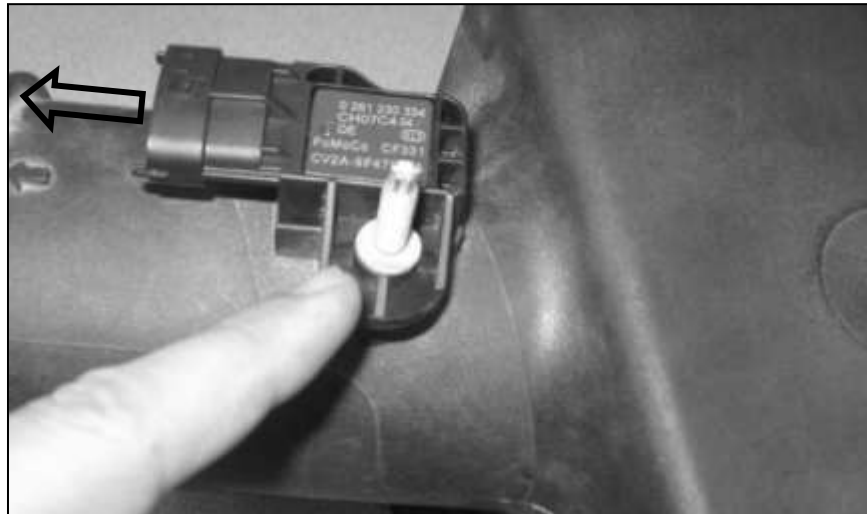
Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

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

ROUSH

THE **ART** OF PERFORMANCE ENGINEERING

1. Open the hood of your vehicle.
2. Disconnect the MAP sensor wiring harness from the MAP Sensor and remove the bolt holding it to the tube. Note – the connector has a red locking tab on the bottom side of the connector.



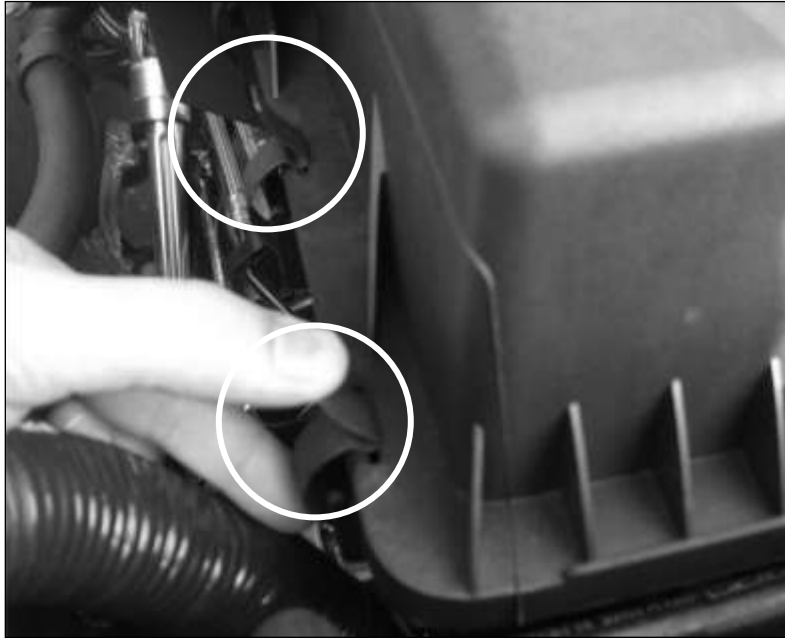
3. Loosen the hose clamp that connects the clean air tube to the airbox lid and disconnect the clean air tube at this joint. Note – Do not remove the clean air tube from the vehicle.



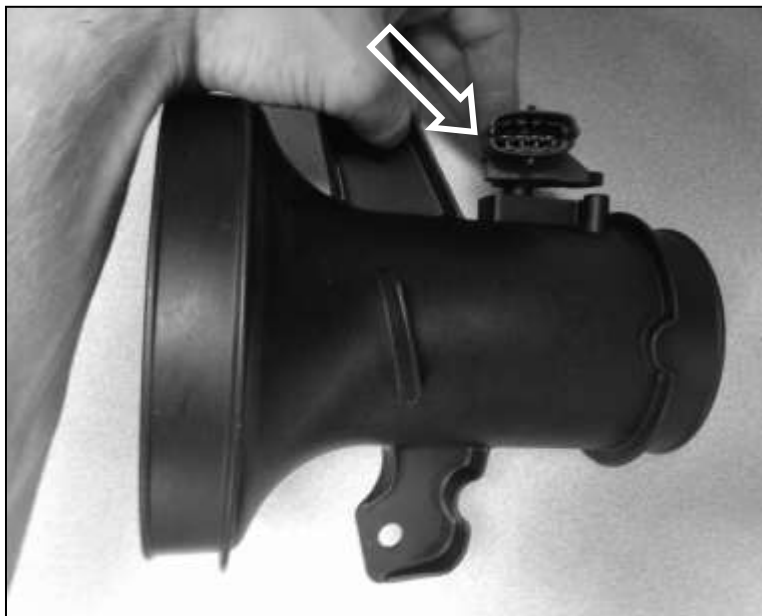
ROUSH

THE **ART** OF PERFORMANCE ENGINEERING

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 MAP sensor from the factory air box lid to the new ROUSH MAP tube (1113-12B579) and fasten it with the supplied bolt (M19-013-0018). Torque the bolt to 1.8 - 2.2 Nm.



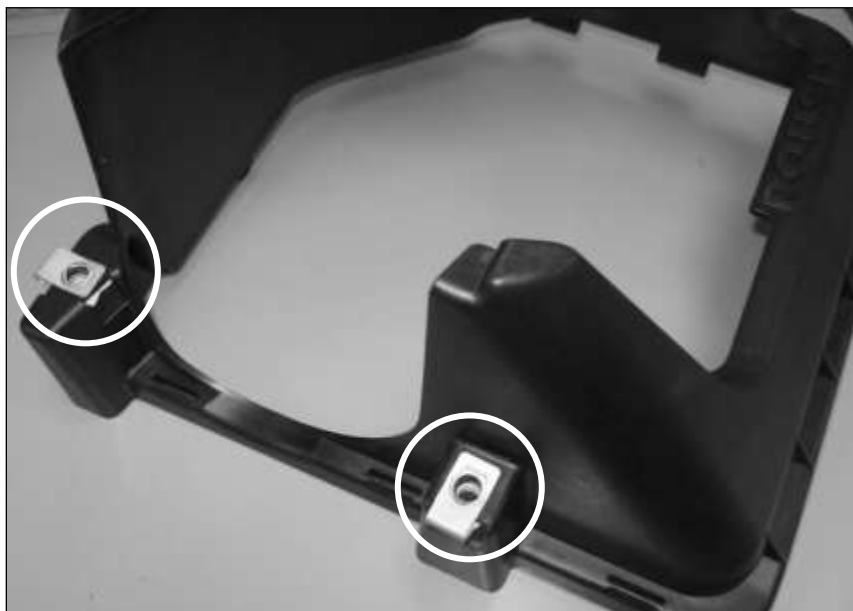
ROUSH

THE **ART** OF PERFORMANCE ENGINEERING

6. Install the new ROUSH open air filter element (997-466) onto the MAP tube. Do not tighten the clamp at this time.



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



ROUSH

THE ART OF PERFORMANCE ENGINEERING

8. Slide the MAP 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 MAP Tube and clip into the edges of the upper air box tray.



ROUSH

THE **ART** OF PERFORMANCE ENGINEERING

10. Secure the MAP tube to the air box lid using the two (2) M8x25 bolts supplied (W500224). Torque to 3-5 Nm.



11. Orient the filter so the clamp worm-screw and the filter parting line is viewable from the bottom side of the air box. Tighten the 8mm worm-screw to 3 Nm.



ROUSH

THE **ART** OF PERFORMANCE ENGINEERING

12. Place the new ROUSH air box lid assembly (air box lid / filter / MAP tube) into the vehicle.



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 MAP Tube.



ROUSH

THE **ART** OF PERFORMANCE ENGINEERING

14. Re-connect the MAP wiring harness connector to the MAP 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.