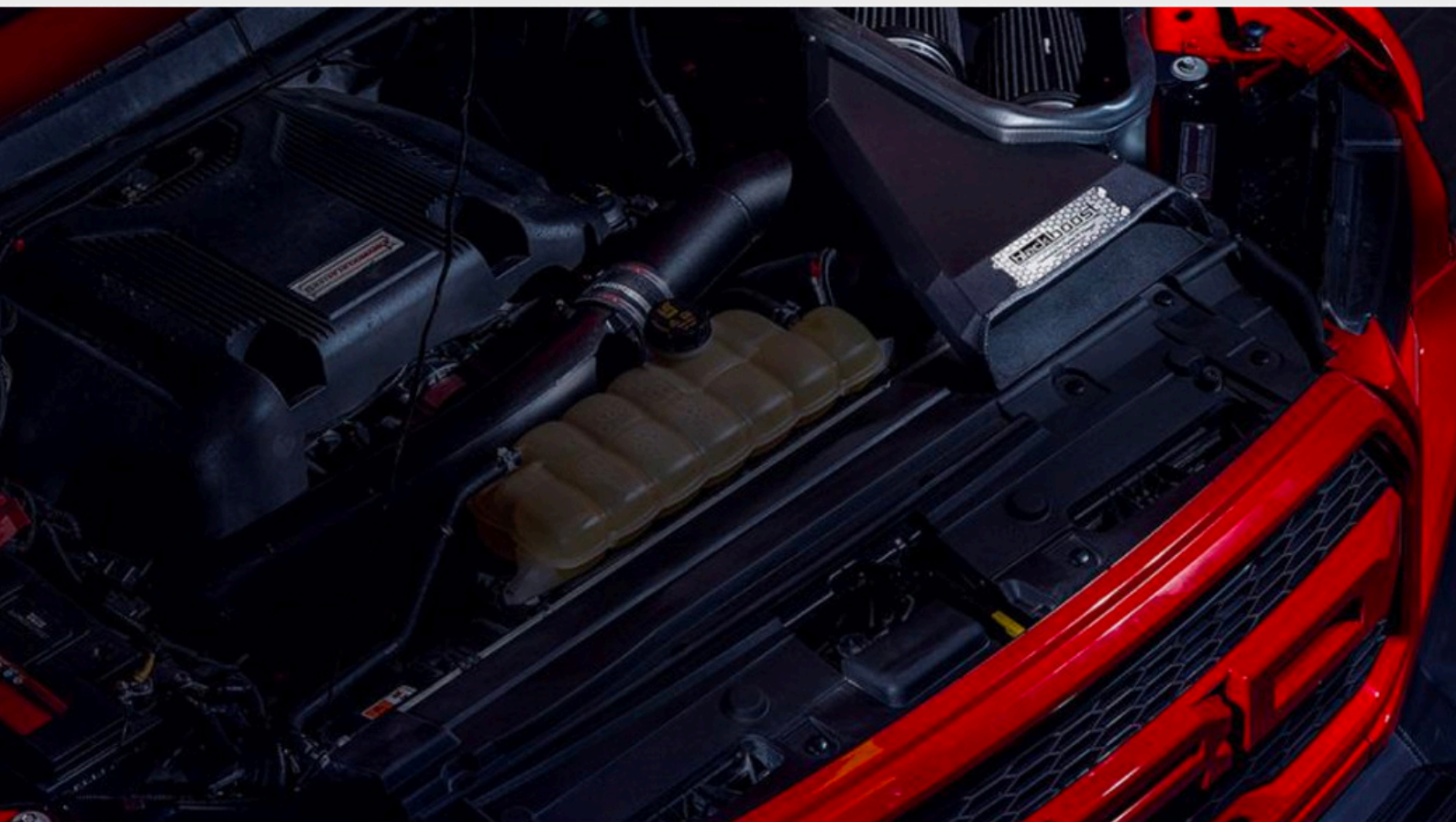


FORD F-150 RAPTOR (GEN 2/3)

SKU: BBCAIS006



Thank you for purchasing the Blackboost Ford F-150 Raptor Gen2/3 Cold Air Intake.

This Installation guide provides the instructions on how to install the Blackboost Cold Air Intake and the tools required.

Content of the Box

1. Airbox	-	1
2. Intake Pipe - RH	-	1
3. Intake Pipe - LH	-	1
4. Silicone Coupler 3"x2"	-	2
5. Silicone Coupler 3"x3"	-	1
6. Coupler Clamp - 70×90mm	-	7
7. 90 Silicone Reducer 4">3"	-	1
8. Coupler Clamp - 100×120mm	-	1
9. BBVS002 (Velocity Stack 3")	-	2
10. Extension Cable	-	1
11. Logo Plate	-	1
12. Standard Twin Flow BB Filter	-	2
13. Filter Clamp	-	2
14. Sensor Bung	-	1



Compatibility

F-150 Raptor (P552) - 3.5L EcoBoost V6 TT - (2017 - 2020)

F-150 Raptor (P702) - 3.5L EcoBoost V6 TT - (2021+)

Caution: Make sure the engine bay is cooled down.

Tools Required



1. 7mm Hex nut driver
2. 13mm Spanners
3. Clip Remover

PPE

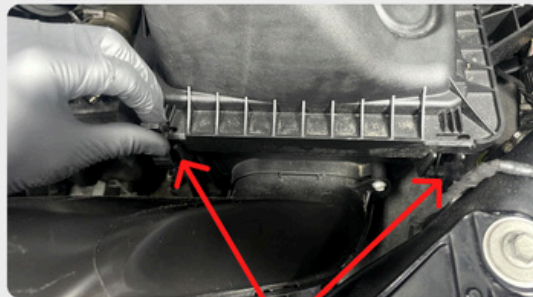


1. Gloves
2. Safety Glasses

OEM Intake Box Removal

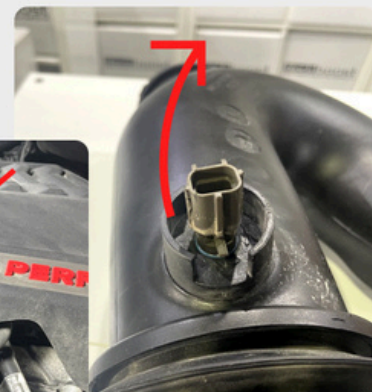
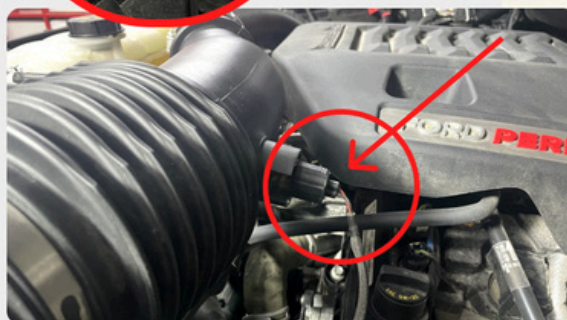
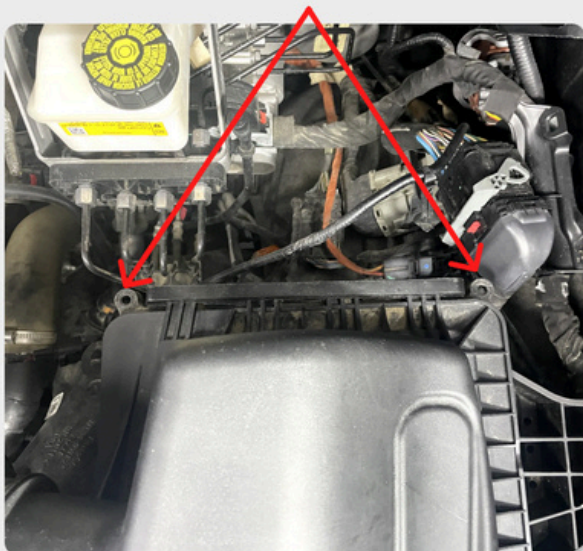
Step 1

Use a clip remover and remove both retainer clips off of the duct. Unclip both the clips as show in the picture below.



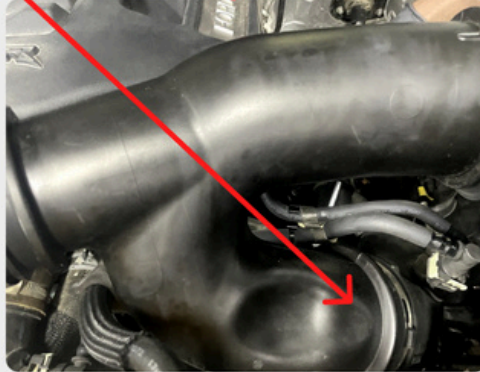
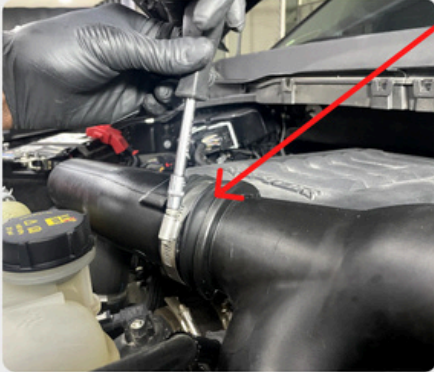
Step 2

Loosen and remove both the nuts as shown below. Use the clip remover and detach the sensor cable from the Airbox. Unplug the sensor cable from the plastic pipe. Remove the IAT (Intake Air Temperature) sensor for later use.



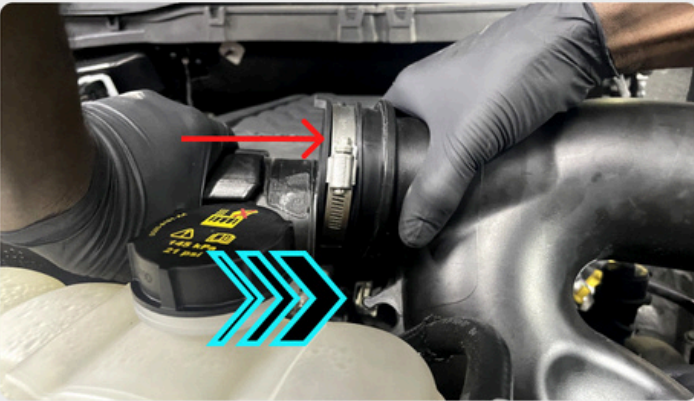
Step 3

Loosen the clamps connecting the Air box to the plastic pipes. Remove the bolt using a driver/wrench as shown below.



Step 4

Pull out the plastic pipe and lift the top part of the OEM Airbox .



Step 5

Lower the bottom part of the OEM Airbox to release the mount and remove the Complete Intake box. Remove the bolt and keep it aside for later use.



Remove the bolt and keep it aside for later use.

BlackBoost Cold Air Intake Installation



Blackboost Cold Air Intake Installation

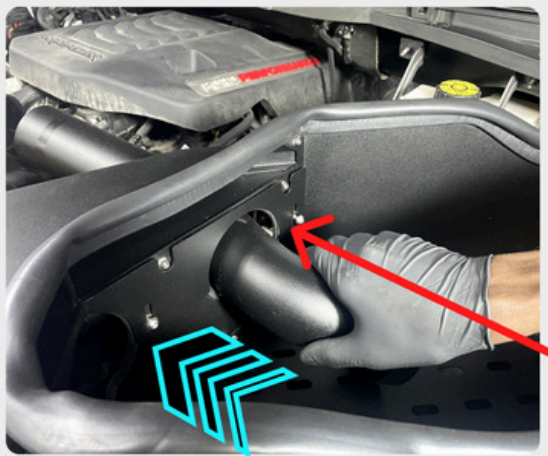
Step 1

Place the BlackBoost Air box inside the engine bay. Lift the set of cables to the left if you need more room at the bottom.



Step 2

Insert both the intake tubes from the Air box towards the turbo inlets.



Step 3

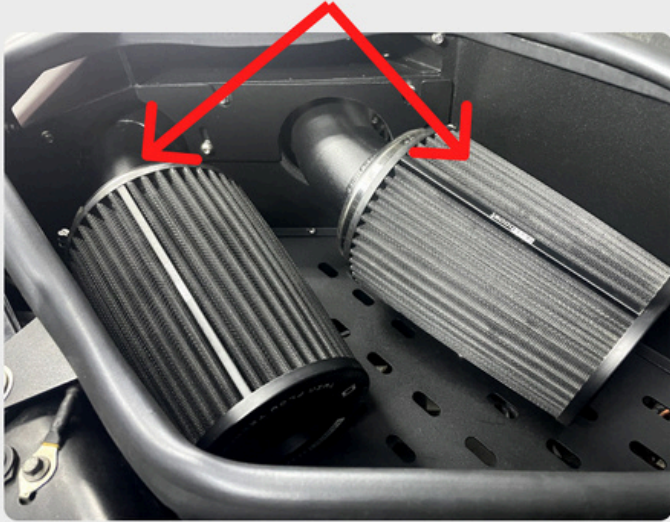
Connect both the intake tubes to the turbo inlets by using the BlackBoost silicone couplers.



Step 4

Connect the Air filters to the intake tubes and tighten the worm clamps. Once you align the intake tubes properly, **hand tighten** the clamps of the silicone couplers.

(Only hand tighten it and take extra care to make sure you don't over tighten it)



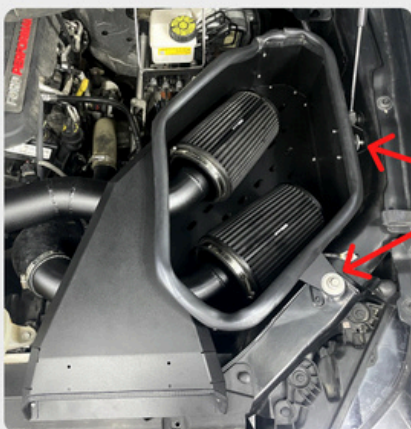
Step 5

Insert the IAT Sensor on to the intake pipes and plug the sensor cable back.



Step 6

Tighten the nuts which hold the BlackBoost Intake. Place back the clips which was removed from the OEM plastic duct.





Thank you again for your purchase.

Hope you enjoy, drive safe & responsibly.

Disclaimer: *In no event will BlackBoost, or its affiliates be liable for any damage to your car, its components or yourself. Please be aware of local laws and regulations prior to installation.*