



2011-2014 Ford F150 Eco Boost Downpipe – Installation Instructions

Thank you for your purchase, we appreciate your business.

Do not attempt this installation if proper safety equipment isn't available to you. Seek the assistance of a professional installer. Read and understand all directions before starting any of the instruction process.

A lift is highly recommended in the installation process of these components. If a vehicle lift is not accessible to you, a jack and four jack stands may be substituted. It is recommended to refer to your owner's manual before raising and supporting any vehicle. A basic understanding of general hand tools and vehicle mechanics is also recommended.

Always disconnect the negative battery terminal before beginning this type of work on any vehicle. An 8mm socket or wrench will allow you to do so, on this vehicle.

**STEP 1 – Raise and support the vehicle (Refer to owner's manual on specified jacking points).
-Remove the rear half of splash shield (4 quick release fasteners).**

**STEP 2 – Remove the (4) O2 sensors using a 7/8" wrench or specialty socket.
* The position of each O2 sensor should be marked on each O2 before removal to ensure the proper reinstallation of each in the correct location.**

STEP 3 – Support the transmission/transfer case.

STEP 4 – Unbolt the transmission mount from the X-member.

STEP 5 – Unbolt the two 10mm heat shield bolts on top of the X-member (One on each side).

STEP 6 – Unbolt and remove the X-member.

STEP 7 – Unbolt the transmission mount from the transmission.

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STEP 8 – Unbolt the factory downpipe at the rear connection and then at the turbos. Remove the downpipe from the vehicle.

STEP 9 – Slide the transmission mount off of the exhaust hangers.

STEP 10 – Install the passenger side O2 sensors and the rear drivers side O2 sensor on the new downpipe. The driver's side front O2 sensor will be installed later.

STEP 11 – Loosely install the driver's side downpipe.

STEP 12 – Slide Y-pipe on to the passenger's side downpipe.

- Snake them up into the vehicle while sliding Y-pipe onto driver's side downpipe.
- Connect passenger side downpipe to the turbo.

STEP 13 – Loosely connect Y-pipe to the rest of the exhaust.

STEP 14 – With everything loose, slide transmission mount on to the exhaust hangers, lift mount into place and bolt to transmission.

*Some shifting, twisting, or sliding around may be necessary to reinstall transmission mount.

STEP 15 – Reinstall X- member and all associated hardware pieces.

STEP 16 – Tighten the downpipes at the turbos.

STEP 17 – Install the driver's side front O2 sensor.

STEP 18 – Tighten the slip connection, making sure Y-pipe is completely clear from touching the X-member.

STEP 19 – Tighten rear connection to the remaining exhaust.

STEP 20 – Test for leaks and reinstall the splash shield.

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