EDELBROCK E-FORCE SUPPLEMENTAL KIT
Installing #1581 & #1583 on 4WD Vehicles
04-10 F-150, 06-08 Mark LT, 07-11 Navigator/Expedition
Part #15834

Please study these instructions carefully before installing your new supercharger. If you have any questions, do not hesitate to contact our **Technical Hotline at: (800) 416-8628** from 7:00 am to 5:00 pm, Monday through Friday, Pacific Standard Time.

DESCRIPTION: These kits include supplemental hardware for installing the #1581 and #1583 E-Force Supercharger System on F-150, Mark LT, Expedition and Navigator trucks equipped with 4 wheel drive. This kit should be purchased before beginning supercharger installation.

KIT CONTENTS:

Quantity	Description
1	Alternator Mounting, Oil Filter & Coolant Bracket
1	Remote Oil Filter Adapter
1	Oil Filter Adapter Spacer
1	Oil Inlet Hose (90° to 45°)

Quantity	Description
1	Oil Outlet Hose (90° to Straight)
1	M8 x 1.25 J-Nut
2	M8 x 1.25 x 30mm Mounting Bolt

INSTALLATION: The following instructions pick up from step #87 of the main #1583 installation instructions. Do not attempt to begin this installation until all previous steps in the main supercharger instructions have been completed. Likewise, do not leave this installation until after the supercharger has been installed, as some areas may be very difficult to access by that point.

1. Locate the large opening on the inside of the driver side frame rail. Insert the supplied J-nut so that the nut is inside the frame and the hole aligns with the hole in the frame.



2. Hold the spacer perpendicular to the frame rail and align the lower hole with the J-nut then use a hole punch to mark the location of the upper hole.

3. Use a 17/64" drill bit to drill a hole in the frame in the location identified in the previous step.

4. Once the hole has been drilled, tap it to M8 x 1.25.

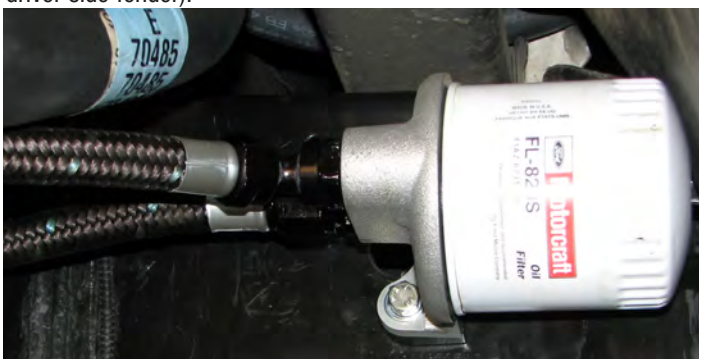
5. Install the Remote Oil Filter Adapter ('09 and later trucks need to install the supplied spacer between the frame and filter adapter, earlier model trucks can discard the spacer) and bolts on the two frame holes so that the filter side is facing the front of the truck.

6. Install the 90° fitting on the oil outlet hose on the outboard hole of the alternator mounting bracket (the hole closest to the driver side fender).

7. Install the straight fitting on the other end of the oil outlet hose onto the outboard hole on the remote oil filter adapter (the hole closest to the driver side fender).

8. Install the 90° fitting on the oil inlet hose on the inboard hole of the alternator mounting bracket (the hole farthest from the driver side fender).

9. Install the 45° fitting on the other end of the oil inlet hose onto the inboard hole on the remote oil filter adapter (the hole farthest from the driver side fender).



10. Install the oil filter on the remote oil filter adapter.

11. Please note that when the alternator is installed, the outlet hose will be routed to the outside and the inlet hose will be routed to the inside. Carefully inspect the hose routing after installing the serpentine belt to ensure the hoses do not contact any moving parts.

12. Resume the Supercharger Installation process with Step #88.

Edelbrock LLC • 2700 California St. • Torrance, CA 90503
Sales Line: 310-781-2222 • Tech Line: 800-416-8628

Part #15834
Rev. 8/29/12 - QTJ/mc

©2012 Edelbrock LLC
Brochure #63-15834