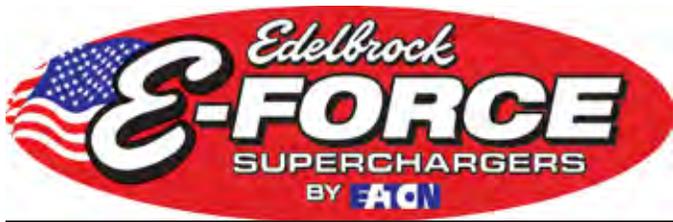




**Edelbrock Supercharger Supplement
2007-11 5.4L Ford Expedition
& Lincoln Navigator
Part #15835**



Edelbrock Supercharger Supplement 2007-2011 5.4L Ford Expedition & Lincoln Navigator Installation Instructions

INTRODUCTION

Thank you for purchasing the Edelbrock 5.4L Ford Supercharger Supplement Kit. This kit will allow you to convert an early production #1583 supercharger system originally designed for an F-150, to fit on any 2007-2011 5.4L Ford Expedition & Lincoln Navigator. ***This supplement kit is only required for #1583 systems with a serial number that is less than 2520.*** All subsequent kits will already have the necessary parts and instructions for the Expedition & Navigator. These instruction sheets will highlight the key differences between the F-150 installation and the Expedition/Navigator installation using #1583 and #15835. All of the following instructions are included in the #1583's installation manual. 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.

The following is a list of required parts and procedures to install the #1583 E-Force Supercharger System (early production - see note above) on a 2007-2011 5.4L Expedition and Navigators. This kit should be purchased before beginning supercharger installation.

1. Mounting procedure for the water pump relay, ground strap and water pump fuse holder.
2. Parts and procedure used to mount the new power steering pressure line to the P.S. pump.
3. An alternator power harness jumper may be required for some application.
4. Brackets used in installation of low temperature radiator (drivers side and upper).

Each step is explained in further detail on following pages.

Before beginning installation verify that all components are present, then inspect each component for damage that may have occurred in transit. If any parts are missing or damaged, contact Edelbrock Technical Support, not your parts distributor.

Hardware Bag #7 (Navigator/Expedition)

(1X) M8 X 1.25 X 30mm
Hex Flange Bolt



(1X) P.S. Hold
Down Spacer



(1X) Power Steering
Fitting, #6AN Male
Flare To 7/16"



(1X) P.S. Hold Down Bracket



Alternator Power Harness Jumpers



**Edelbrock LLC, 2700 California Street, Torrance, CA 90503
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INSTALLATION: The following instructions pick up from step #45b 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.

WATER PUMP RELAY, GROUND STRAP AND WATER PUMP FUSE HOLDER

45b. Mount the water pump relay, ground strap and Water pump fuse holder to the left side of the ECU harness located on the passenger side of the firewall.

46b. The water pump fuse holder may need to be mounted to the left side of ECU.

POWER STEERING PRESSURE LINE

64b. Remove the bolt that holds the power steering pressure line retention-bracket onto the under side of the pump.



77b. Remove the fitting installed on the straight side of the supplied power steering pressure hose, as it will not be utilized. Utilize the O-ring & backup ring from the OE fitting onto the supplied fitting found in bag #7.

NOTE: Pay attention to the order of each ring before removing. Connect the P.S. hose to the fitting and tighten. Insert the fitting into P.S. pump then secure the supplied spacer and hold down plate with the supplied bolt. Ensure that the spacer is on the bolt, in between the P.S. pump and the hold down plate.

ALTERNATOR POWER HARNESS JUMPER

88. Attach the supplied Alternator Power Harness to the connector at the top of the radiator. The connector is located on the passenger side.

NOTE: The factory connectors will vary by model and year. If the connector on the supplied alternator power harness does not match the factory harness, then you will need to identify and use one of the corresponding harness jumpers included with this kit.

LOW TEMPERATURE RADIATOR BRACKETS

119b. Loosely install the passenger side heat exchanger bracket (the one with 4 holes) to the top of the water pump bracket with the M6 x 16mm bolts supplied in Bag #5.

120b. Remove the bolt behind the bumper on the driver side. Loosely install the driver side heat exchanger bracket using the stock nut

121b. Mark the location of the hood latch, loosen the passenger side bolt. Using the stock bolt, loosely install the upper heat exchanger bracket over the passenger side hole of the hood latch.

122b. Install the heat exchanger by lining up the mounting holes with the provisions on the mounting brackets and loosely install the M6 x 16mm bolts supplied in Bag #5 of kit #1583.

123b. Once the heat exchanger has been lined up, tighten all of the mounting bolts.

