

# 4-01-VB40aX1

## DeatschWerks 2011-2025 Ford Mustang 40 Amp PNP Voltage Booster Installation Guide



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## Included Parts:

- DW VB40aX1 Voltage Booster
- DW PNP Harness for 11-25 Mustang



## 2011-2025 Mustang PNP Voltage Booster Installation Guide

**PLEASE READ:** This guide is intended to aid in the installation of our products. It is recommended that factory manuals or instructions are followed to remove any trim from the vehicle. Instructions in this guide are generic and are intended to aid in the installation of a PNP DeatschWerks Voltage Booster. The factory manual should supersede any contradiction.

**Important Notes:** This install guide covers the installation of the DW Voltage Booster into the 2011-2014 and 2015-2025 Ford Mustang, during the process there are small differences between the two-year ranges, there will be repeating steps for these different year ranges. If you are using all the included parts from this kit, follow all the 2011-2014 year range steps in this installation guide.

Below is a picture of some suggested tools that will make the installation process easier.



## Removal of Factory Trim

1 – Start by removing the rear bottom seat cushion. In the middle of each seat there is a retaining clip that can be released by pushing it towards the rear of the car. Once each clip is released the rear seat will lift out.



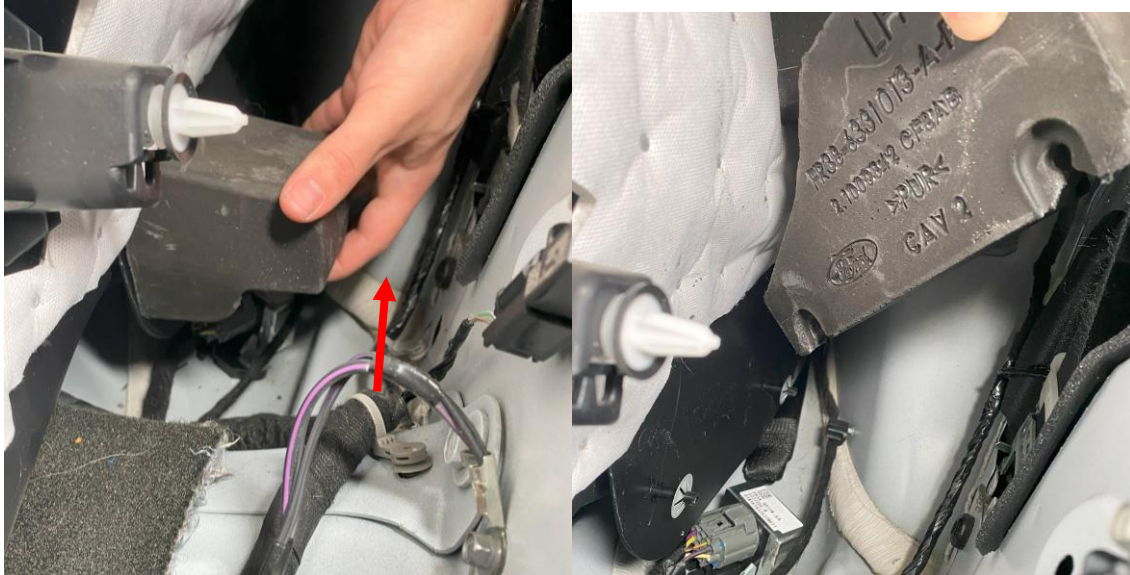
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2 – With the seat removed, fold down the rear driver side seat to allow room to remove the rear quarter trim panel. To pull the rear quarter trim panel, pull off the seat belt trim cover by pulling towards the front of the car. Once removed begin gently pulling on the panel to release the factory clips as seen below.

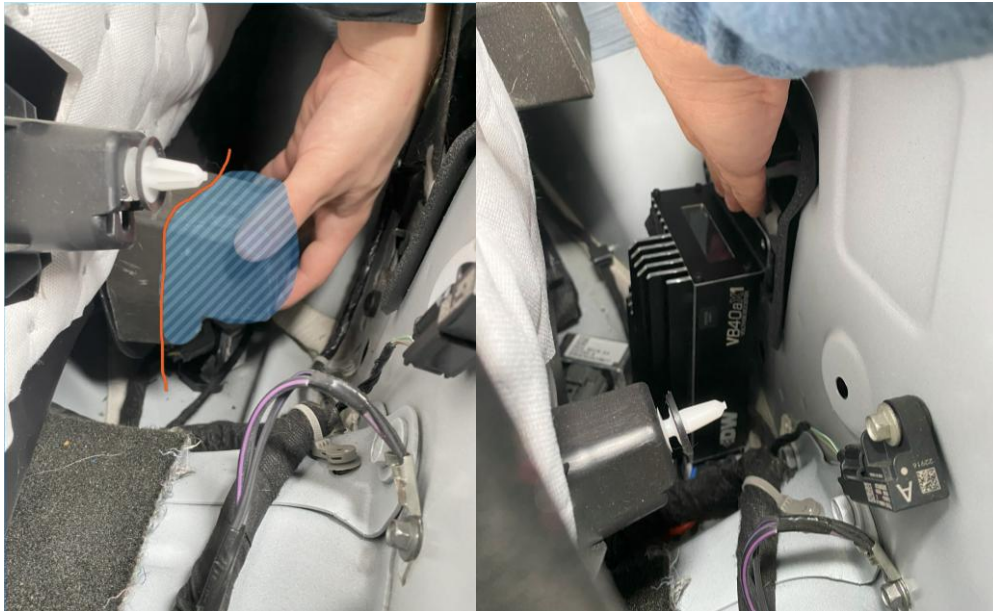


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3 – Once removed, you can now remove the factory foam on the bottom of the panel by lifting to make room for the voltage booster.



4 – Slide the voltage booster in where the foam previously was with the connector towards the floor. You can trim down the foam and reinstall it until enough room is given to clip the side panel back on helping hold the booster in place.



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5 – With the trim panel still unclipped you should see the connector sticking out of the bottom. Next unplug your factory connector and unbolt the right-side mount.



6 – Next reinstall the bolt on the FPCM with the ring terminal to use for the ground strap on the adapter harness as seen below.

**Note:** For constant high mode you must set the booster to “Always on” in the settings with the scroll wheel and the white trigger wire can be grounded or left loose. If above 18v it must be triggered with a ground switched ecu output or Hobbs switch.



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6 – Plug in the adapter harness to the factory connector and FPCM and plug the voltage booster into the harness as well.

**Note:** For 2015+ vehicles the guide on the connector and FPCM must be removed. See removal instructions at the bottom of this guide.



7 – Next power up the car to turn on the voltage booster and select your desired voltage. Once selected you can now clip the trim panel back on with the seat belt trim cover, fold the backrest back up and reinstall the rear seats to finish the installation.

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8 – For the **2015+** models the guides on the connector and FPCM need to be removed. To remove these guides, use a Dremel to sand off the guides as seen below.



For additional technical support please contact us at: [TechSupport@Deatschwerks.com](mailto:TechSupport@Deatschwerks.com) or 405.233.3991