

2011-2016 FORD 6.7L POWERSTROKE UPPER SUPPORT BAR PARTS & INSTALLATION GUIDE



PARTS INCLUDED

- 1PC** Mishimoto Steel Support Bar
- 2PC** Mounting Brackets
- 16PC** Mounting Bolts
- 16PC** Flat Washers
- 16PC** Lock Washers

TOOLS NEEDED

- 10mm Socket
- 13mm Socket
- 10mm Wrench
- 1/4" Drive Ratchet & Extension
- Pop-Clip Removal Tool

INSTALL TIME 1 Hours

INSTALL DIFFICULTY 

DISCLAIMER

- Raise vehicle only on jack stands or on a vehicle lift.
- Allow vehicle to cool completely prior to attempting installation.
- Do not run the engine or drive the vehicle while overheating; serious damage can occur.
- Please dispose of any liquids properly.
- Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products.
- Mishimoto suggests that a trained professional install all Mishimoto products.

INSTALL PROCEDURE

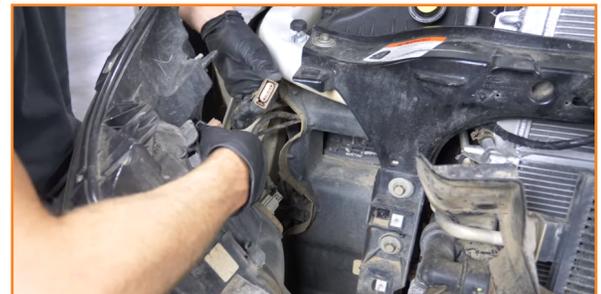
1. Unscrew the bolts that secure the upper edge of the grille to the support bar. (4x 10mm screws)



2. Remove the clips on the grille on both the driver and passenger side. (2x pop-clips)



3. Pull the grille from the front of the truck.
4. Remove the bolts on both headlights and disconnect their electrical harnesses. Once the bolts are out, pull back the lights and disconnect their electrical harnesses. (6x 10mm screws)



5. Separate the horn, power steering cooler, and hood latch that are attached to the front of the support bar. (5x 10mm bolts)

CONTINUED ON FOLLOWING PAGE

01

2011–2016 FORD 6.7L POWERSTROKE UPPER SUPPORT BAR INSTALLATION GUIDE



6. Remove the bolts that secure the upper support bar to the front end. (6x 13mm bolts)



7. Separate the electrical connector from the support bar and remove the hood sensor bracket. (1x 10mm Bolt)



8. Remove the bolts and brackets that secure the radiator. (4x 10mm bolts)



9. Free the radiator by removing the two radiator supports. (2x 10mm bolts)
10. Position the Mishimoto support bar over the radiator.



11. Secure the radiator using the radiator support brackets from your kit. (4x 10mm bolts, 4x washers, 4x lock washers)



12. Reinstall the hood sensor bracket. (1x 10mm bolts, 1x washer, 1x lock washer)
13. Secure the top of the upper radiator support. Use the factory hardware with the large thin washers. (2x 13mm bolts, 4x washers)
14. Secure the grille portions to the upper support bar's lower brackets. (4x 13mm bolts, 4x washers)
15. Reinstall the horn. (1x 10mm bolt, 1x washer, 1x lock washer)
16. Secure the power steering cooler to the upper support bar. (2x 10mm bolts, 2x washers, 2x lock washers)
17. Reinstall the hood latch. (2x 10mm bolts, 2x washers, 2x lock washers)

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02

18. Reinstall both headlights. Use the provided hardware on the top mounting tab only.
(2x 10mm bolts, 2x washer, 2x lock washer)
19. Use the factory hardware on the lower mounting locations. (4x 10mm screws)
20. Reinstall the grille.
(4x 10mm bolts, 4x lock washers, 4x washers)

**Congratulations! You have finished
installing the Mishimoto 2011–2016 Ford
6.7L Powerstroke Upper Support Bar.**