



INSTALLATION GUIDE

2011-2019 FORD 6.7L POWERSTROKE PRIMARY DEGAS TANK | SKU: MMRT-F2D-11P

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RESOURCES & CONTACT



CALL 1-877-GOMISHI

CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST



MISHIMOTO



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MISHIMOTO



WEBSITE

WWW.MISHIMOTO.COM



ENGINEERING BLOG

WWW.MISHIMOTO.COM/ENGINEERING

IMPORTANT SAFETY INFORMATION

- › Mishimoto recommends you use safety glasses and protective gloves during the install of their products
- › 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
- › If you need any assistance while installing our products, reach out to our Customer Service Team at 1-877-GOMISHI

PARTS BREAKDOWN

PART NUMBER	DESCRIPTION	QUANTITY
MM2356-01	DEGAS TANK	1
MM2356-02	BRACKET 1	1
MM2356-03	BRACKET 2	1
MM2356-04	HOSE	1
MM1325-5	WORM GEAR CLAMPS	2
BF4X0.7-10B	BOLT	1
BF8X1.25-16B	BOLT	2
BF8X1.25-20	BOLT	3

TOOLS NEEDED

7MM SOCKET	NEEDLE NOSE PLIERS
10MM SOCKET	PICK TOOL
13MM SOCKET	ANGLE GRINDER
1/4" RATCHET AND EXTENSION	RECIPROCATING SAW
19MM WRENCH	FUNNEL
2.5MM ALLEN KEY	DRAIN PAN
5MM ALLEN KEY	

INSTALLATION TIME 3.5 HOURS

INSTALLATION DIFFICULTY 

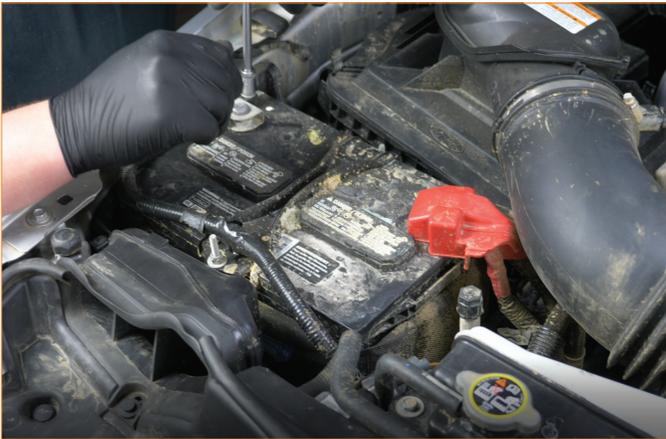
INSTALLATION INSTRUCTIONS

01. Drain the coolant from the primary cooling system.
02. Disconnect the positive and negative battery cables from the primary battery located on the driver side of the vehicle. (2x 10mm nuts).



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- 03.** Disconnect the positive and negative battery cables from the Secondary battery located on the passenger side of the vehicle. (2x 10mm nuts).



- 04.** Remove the battery tie down from the primary battery and then remove the battery from the vehicle. (2x 10mm nuts).



- 05.** Disconnect the upper radiator hose from the primary radiator. (1x spring clip).



- 06.** Remove the hot-side intercooler pipe from the vehicle. (3x constant-tension T-bolt clamps).



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07. Remove the battery cables from the primary degas tank. (2x tree clips).



08. Remove the upper hose from the primary degas tank. (1x spring clamp).



09. Remove the vacuum supply hose retainer from the primary degas tank. (1x clip).



10. Disconnect the vacuum supply hose from the vacuum manifold attached to the rear of the primary degas tank. (1x quick-disconnect fitting).



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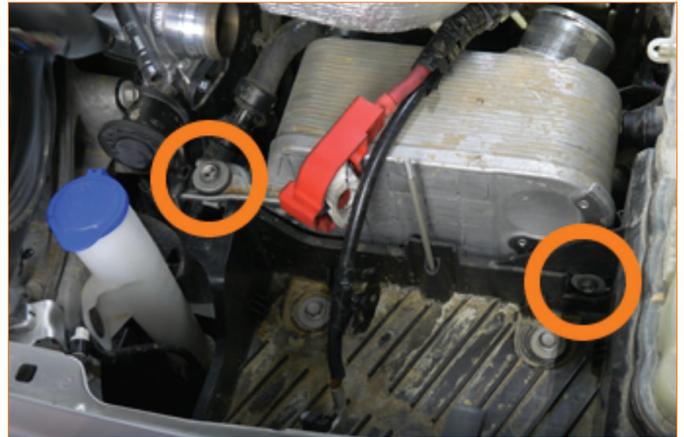
11. Remove the vacuum hub lock solenoid, vacuum regulator, and vacuum manifold from the rear of the primary degas tank.



12. Disconnect the lower hose from the primary degas tank. (1x spring clip).



13. Remove the bolts securing the intercooler to the battery tray. Once the bolts are removed, lift the intercooler to unseat it from the battery tray, then push it towards the engine and set it back down. (2x 13mm bolts).



14. Remove the bolts securing the battery tray to the vehicle. Once the bolts are removed, lift the battery tray/primary degas tank out of the vehicle. (4x 13mm bolts).

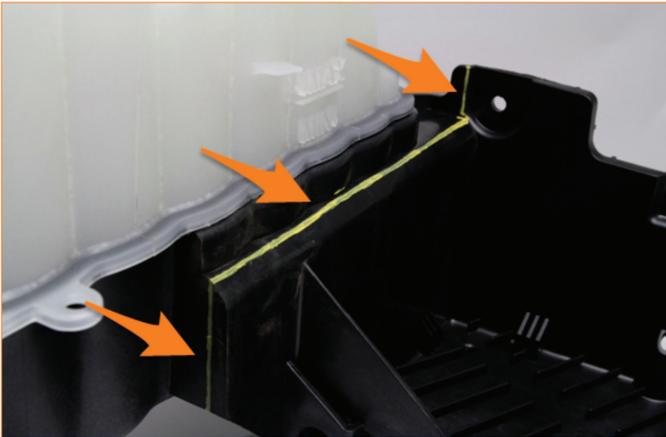


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15. Remove the primary degas tank lower hose from the driver side of the engine. (1x spring clamp).



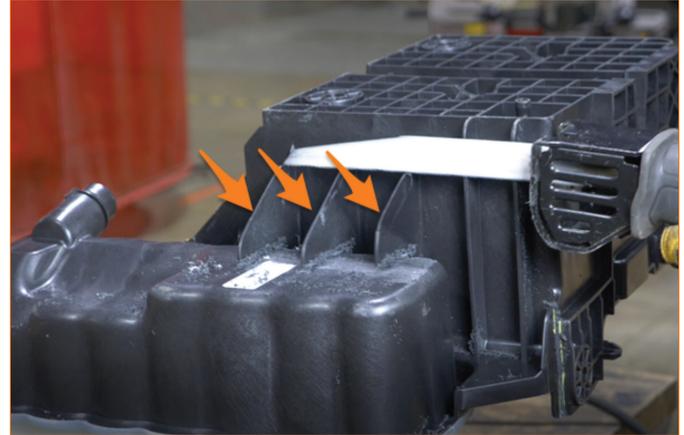
16. Mark the battery tray as shown in the image below. This is where the battery tray must be cut to remove the stock degas tank.



17. Using an angle grinder with a cutting disc, cut along the line drawn on the battery tray.



18. Using a reciprocating saw, remove the support ribs from the bottom side of the stock degas tank.



19. Using the cut made in step 17 as a guide for the cutting blade, use a reciprocating saw to finish removing the stock degas tank from the battery tray.



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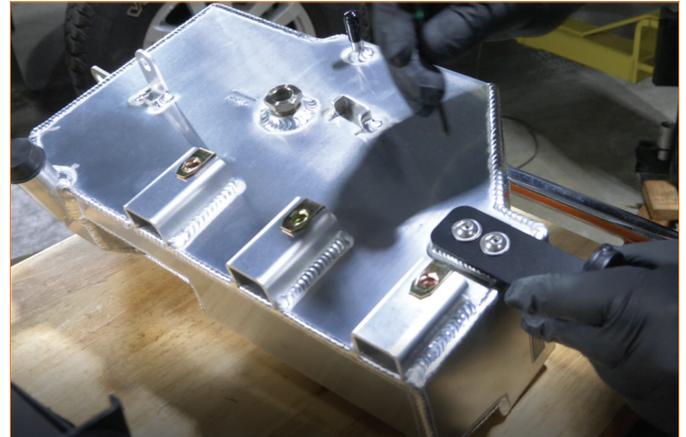
20. Clean up the cut areas on the battery tray.



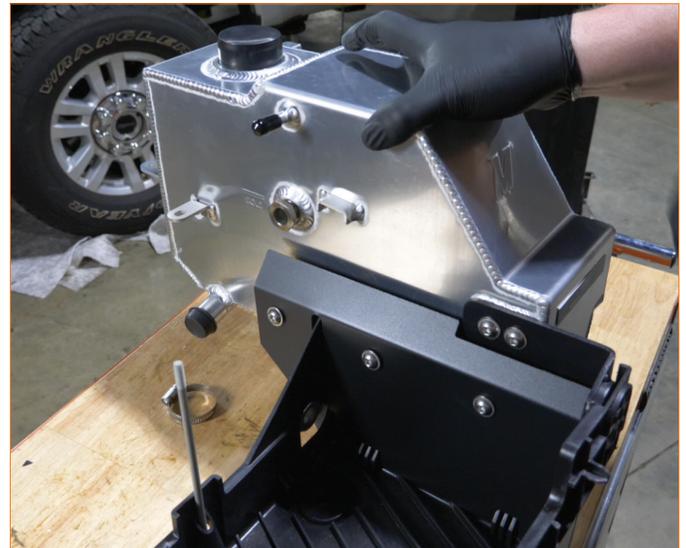
21. Place the MM2356-03 bracket into the battery tray as shown in the image below and mark the 3 holes. Using a 3/8" drill bit, drill the 3 holes in the battery tray.



22. Attach the MM2356-02 bracket to the MM2356-01 degas tank using the 2x short 5mm allen bolts. Leave these bolts loose. (2x short 5mm allen bolts).



23. Attach the MM2356-03 bracket and MM2356-01 degas tank to the battery tray using the 3x long 5mm allen bolts. Leave the bolts loose. (3x long 5mm allen bolts).



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24. Install the MM2356-04 hose to the driver side of the engine. (1x hose and 1x clamp).



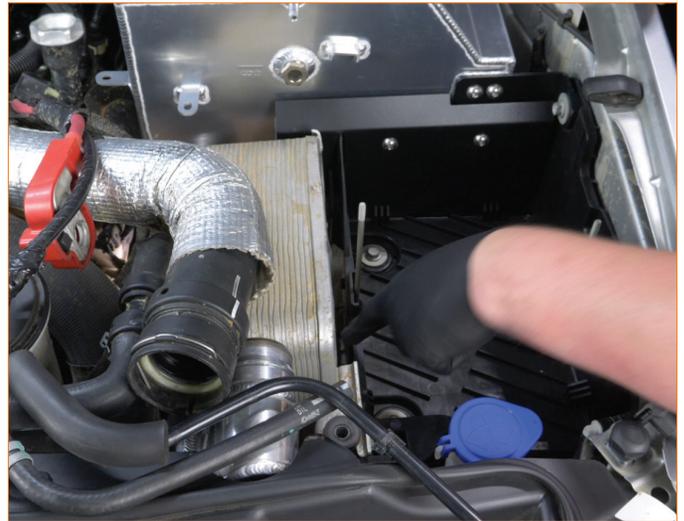
25. Reinstall the battery tray into the vehicle. (4x 13mm bolts).



26. Adjust the degas tank so that it is level and then tighten the 5x allen bolts. (5x 5mm allen bolts).



27. Reinstall the intercooler to the side of the battery tray. (2x 13mm bolts).

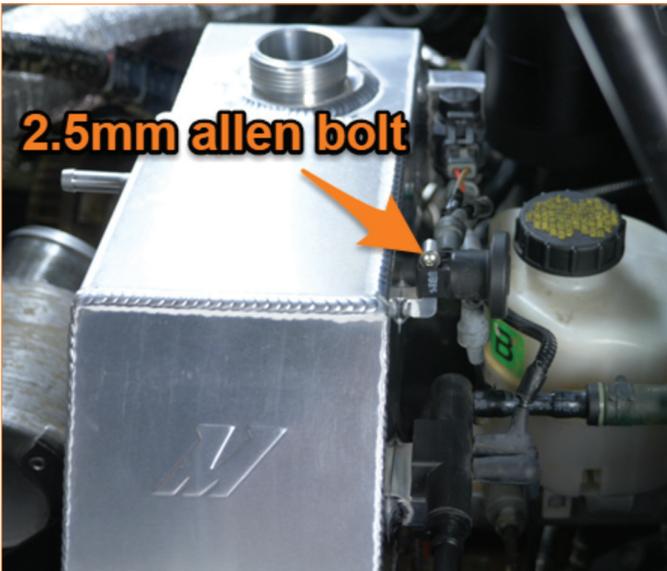


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28. Install the lower hose to the degas tank. (1x worm gear clamp).



29. Install the vacuum hub lock solenoid, vacuum regulator, and vacuum manifold to the rear of the degas tank. (1x 2.5mm allen bolt).



30. Attach the battery cables to the degas tank. (2x tree clips).



31. Reinstall the hot-side intercooler pipe.
(3x constant-tension T-bolt clamps).



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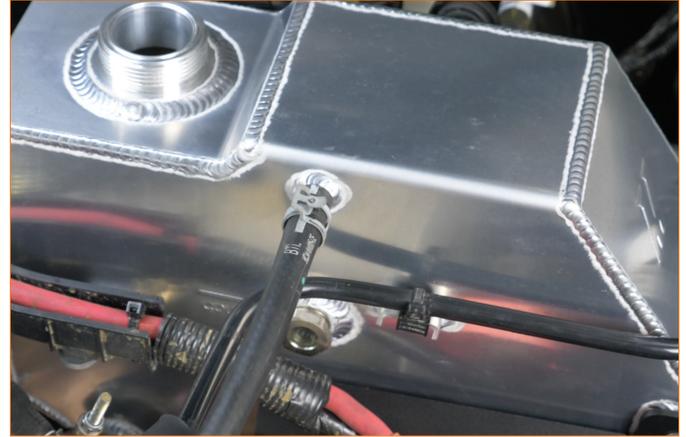
32. Reconnect the upper radiator hose. (1x spring clip).



33. Reconnect the vacuum supply hose.
(1x clip and 1x quick-disconnect fitting).



34. Connect the upper hose to the degas tank. (1x spring clamp).



35. Reinstall the primary battery and battery tie down. (2x 10mm nuts).
36. Reconnect the positive and negative battery cables to the primary battery. (2x 10mm nuts).
37. Reconnect the positive and negative battery cables to the secondary battery. (2x 10mm nuts).
38. Refill the primary cooling system.

Congratulations! You have finished installing the Mishimoto 2011–2019 Ford 6.7L Powerstroke Primary Degas Tank.

****For Disposal Instructions and Warranty Information continue to the following page.***

DISPOSAL INSTRUCTIONS

- ▶ Do not dispose of any product as unsorted municipal waste. Use separate collection facilities. Contact your local authority for information regarding the collection systems available.
- ▶ Never improperly dispose of any coolant, oil, or other chemicals.

WARRANTY INFORMATION



- ▶ All claims must be accompanied with a picture of the Mishimoto product showing the issue for which the claim is being submitted.
- ▶ Mishimoto asks that the customer inspect their purchased item for any damage immediately upon arrival.
- ▶ Any product deemed dead on arrival (DOA) must be claimed within 14 business days of delivery. Claims outside of this time frame will not be covered under the Mishimoto Lifetime Warranty.
- ▶ This warranty does not include payment and/or reimbursement of the cost of labor in connection with the removal of any product returned pursuant to the warranty policy or in connection with the installation of any replacement items provided under the warranty policy.
- ▶ Mishimoto has the right to refuse a claim at any time.

- ▶ When Mishimoto accepts a claim, Mishimoto retains full discretion to choose if it will: (i) repair or replace purchaser's original Mishimoto product; (ii) replace purchaser's original Mishimoto product with the most current available model; or (iii) provide the purchaser with a gift card redeemable on Mishimoto.com in the amount of the original purchase price of the original Mishimoto product. The provision of a replacement of a Mishimoto product is subject to availability and Mishimoto retains the right to substitute any warranty claim item with a comparable item or credit at any time.
- ▶ If Mishimoto determines that it will provide a replacement item in connection with a claim under this warranty policy, and such item is out of stock, Mishimoto will place the customer on backorder and ship the replacement product to the purchaser once it becomes available.
- ▶ Mishimoto is not liable for incorrect shipments in connection with a claim if a claim form is completed incorrectly, or if a model number is not included in a claim.
- ▶ If you have a vehicle equipped with an automatic transmission, please make sure to specify this within the text box on the claim form. Mishimoto is not responsible for incorrect replacement shipments if transmission type is not indicated.



WARNING
Cancer and
Reproductive Harm
www.P65Warnings.ca.gov

This product can expose you to chemicals which are known to the state of California to cause cancer. For more information visit: www.p65warnings.ca.gov