



# INSTALLATION GUIDE

PERFORMANCE INTAKE, FITS FORD F-150

ECOBOOST 2017+ | SKU: MMAI-F35T-17

## TABLE OF CONTENTS

**Pg 01** RESOURCES & CONTACT INFORMATION

**Pg 02** EXPLODED DIAGRAM

**Pg 03** PARTS BREAKDOWN

IMPORTANT SAFETY INFORMATION

TOOLS NEEDED

INSTALLATION TIME

INSTALLATION DIFFICULTY

INSTALLATION INSTRUCTIONS

**Pg 06** DISPOSAL INSTRUCTIONS

WARRANTY INFORMATION

## RESOURCES & CONTACT



**CALL 1-877-GOMISHI**

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



**MISHIMOTO**



**GOMISHIMOTO**



**MISHIMOTO**

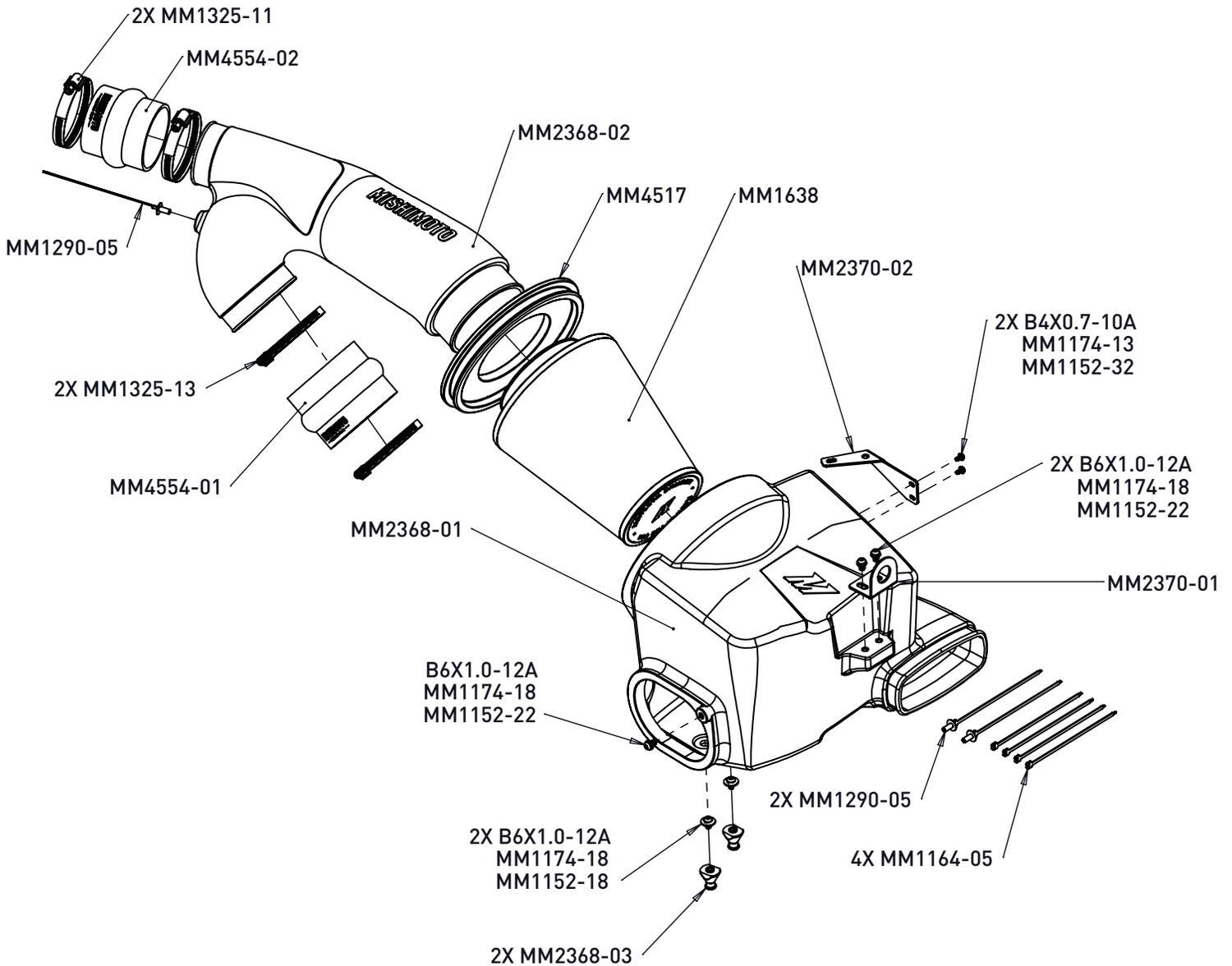


**WEBSITE**



**ENGINEERING BLOG**

[WWW.MISHIMOTO.COM/ENGINEERING](http://WWW.MISHIMOTO.COM/ENGINEERING)



## PARTS BREAKDOWN

PART NUMBER	DESCRIPTION	QTY
MM2368-01	AIRBOX	1
MM2368-02	INTAKE TUBE	1
MM2368-03	PEG	2
MM2370-01	BRACKET 1	1
MM2370-02	BRACKET 2	1
MM4517	GROMMET	1
MM1638	AIR FILTER	1
MM4554-01	COUPLER 1	1
MM4554-02	COUPLER 2	1
MM1174-18	LOCK WASHER	5
MM1152-22	FLAT WASHER	3
B6X1.0-12A	M6 12MM BUTTON HEAD BOLT	5
MM1152-18	FLAT WASHER	2
MM1152-32	FLAT WASHER	2
MM1174-13	LOCK WASHER	2
B4X0.7-10A	M4 10MM BUTTON HEAD BOLT	2
MM1325-11	WORM GEAR CLAMP	2
MM1325-13	WORM GEAR CLAMP	2
MM1290-05	TREE CLIP ZIP TIE	3
MM1164-05	ZIP TIE	4

## 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

**INSTALLATION TIME 40 MINUTES**

**INSTALLATION DIFFICULTY**     

## TOOLS NEEDED

POP CLIP TOOL OR SMALL FLAT HEAD SCREWDRIVER  
 ¼" RATCHET AND EXTENSIONS  
 4MM AND 2.5MM ALLEN KEYS  
 7MM, 8MM, 13MM SOCKETS

## INSTALLATION INSTRUCTIONS

1. Remove 2x pop clips and 1x 8mm screw, remove the air duct from the airbox. Remove the 13mm bolt that secures the airbox to the frame.



CONTINUED ON FOLLOWING PAGE

**2.** Loosen the 3x worm gear clamps, unclip the circled coolant hose, unplug the IAT sensor harness located on the backside of the intake tube, then remove the intake tube from the vehicle.



**3.** Unclip the 2x tree clips holding the brake booster vacuum reservoir and electrical harness



**4.** Lift the airbox straight up to disengage the 2x rubber grommets. Remove the stock airbox from the vehicle.



**5.** Install the 2x brackets and 2x pegs onto the Mishimoto intake airbox, as shown in the pictures below. Use the two larger M6 flat washers on the pegs.



**6.** Assemble the Mishimoto rubber grommet, air filter, and intake tube as shown. Tighten the worm gear clamp on the air filter (8mm socket).



**7.** Transfer the IAT sensor from the stock intake tube to the Mishimoto intake tube. Attach the 2x silicone couplers to the intake tube, secure with 2x worm gear clamps (7mm socket).



CONTINUED ON FOLLOWING PAGE

8. Unclip the electrical harnesses shown below from the wheel well liner and lift the main ECU wire loom, secure with provided zip ties. This is to ensure the secondary fresh air inlet port on the Mishimoto airbox can fit underneath the wire loom.



9. Install the airbox assembly first, engage the bottom pegs into the rubber grommets in the engine bay and adjust the harnesses mentioned in step 8 if needed.

10. Install the intake tube assembly by inserting the air filter end into the airbox opening first. Line up the couplers, then push on the large rubber ring to engage the lip with the airbox opening.

11. Install the stock air duct, secure with provided hardware (refer to diagram). Fasten the 2x pop clips.

12. Transfer the grommet and metal insert from the stock airbox to the Mishimoto airbox bracket, secure the airbox to the fender frame with the 13mm bolt previously removed.



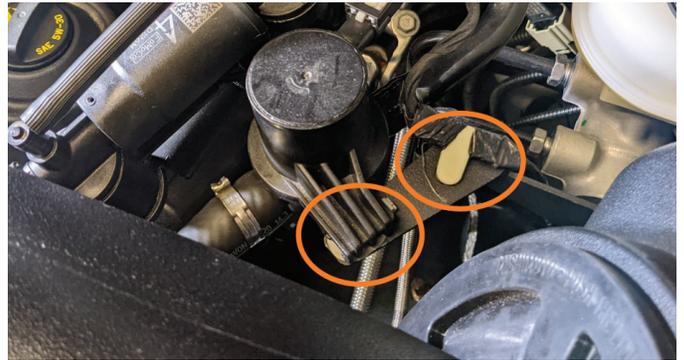
13. Secure the coolant hose to the Mishimoto intake tube with the provided tree clip zip tie.



14. Plug in the IAT sensor connector



15. Secure the vacuum reservoir and harness tree clips to the Mishimoto airbox bracket.



16. Tighten all 4x worm gear clamps on the 2x silicone couplers.

**Congratulations! You have finished your installation.**

## 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](http://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](http://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](http://www.p65warnings.ca.gov)