

# INSTALLATION GUIDE

**Performance Aluminum Radiator, Fits 2014-2017 Chevy SS**  
**SKU: MMRAD-SS-14**

## TABLE OF CONTENTS

- Pg 1** RESOURCES AND CONTACT INFORMATION
- Pg 2** IMPORTANT SAFETY INFORMATION
  - SUPPLIED PARTS
  - REQUIRED TOOLS
  - INSTALLATION INSTRUCTIONS
- Pg 5** DISPOSAL INSTRUCTIONS
  - WARRANTY INFORMATION

## RESOURCES & CONTACT

-  **CALL 1-877-GOMISHI**  
CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST
-  **MISHIMOTO**
-  **GOMISHIMOTO**
-  **MISHIMOTO**
-  **WEBSITE**  
[WWW.MISHIMOTO.COM](http://WWW.MISHIMOTO.COM)
-  **ENGINEERING BLOG**  
[WWW.MISHIMOTO.COM/ENGINEERING](http://WWW.MISHIMOTO.COM/ENGINEERING)

## IMPORTANT SAFETY INFORMATION

- › Mishimoto recommends you use safety glasses and protective gloves during the installation of our 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

## SUPPLIED PARTS

(1) MISHIMOTO PERFORMANCE ALUMINUM RADIATOR

## REQUIRED TOOLS

7MM SOCKET	10MM WRENCH
½" SOCKET	6MM ALLEN KEY
T15 TORX SOCKET	NEEDLE NOSE PLIERS
T20 TORX SOCKET	PICK
SOCKET DRIVER	

## OPTIONAL TOOLS

REMOTE-ACTION HOSE CLAMP TOOL [MRTL-RAH]  
3/8" TRANSMISSION LINE DISCONNECT TOOL

## INSTALLATION INSTRUCTIONS

**1.** Safely raise the vehicle and support it with jack stands. **Never work under a vehicle that is supported only with a jack.** Using a T15 Torx socket, remove the three (3) bolts in each wheel well that secure the wheel arch liner to the engine splash guard. Then, using a T20 Torx socket, remove the eleven (11) bolts that secure the splash guard to the front bumper. Finally, using a ½" socket, remove the four (4) bolts that secure the splash guard to the frame and remove the plastic engine splash guard from the vehicle.



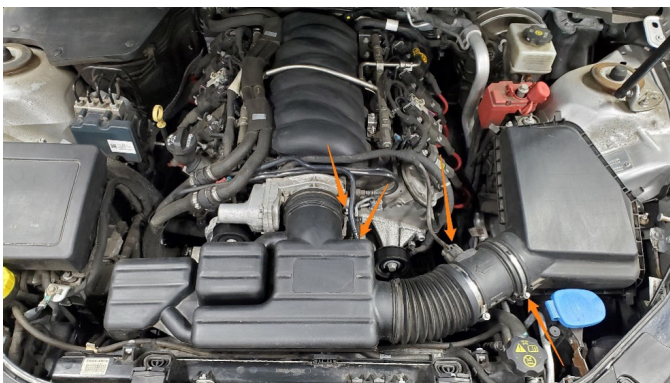
**2.** Allow the engine to cool completely before draining the coolant. **Never open the radiator while the engine is hot.** Once the engine is cool, use a 6mm Allen key to remove the radiator drain plug and drain the coolant into an appropriate container. Be sure to properly dispose of used coolant. Then, using a 10mm wrench, remove the two (2) bolts securing the A/C condenser to the radiator and the one (1) bolt securing the external transmission cooler (if equipped) to the radiator. *[Image on next page]*

Continued on next page



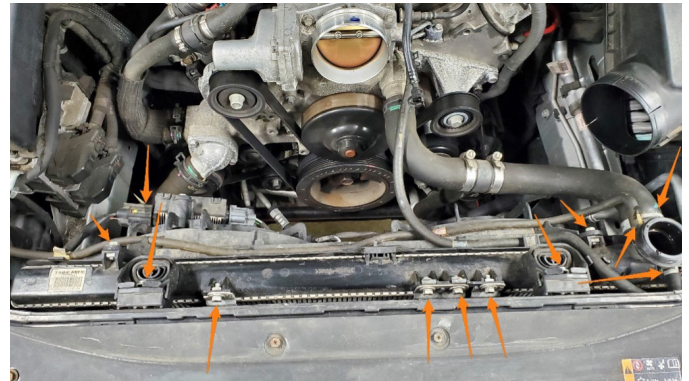


**3.** Disconnect the MAF sensor plug and the breather hose from the air intake. Then, using a 7mm socket, loosen the throttle body and air box hose clamps and remove the intake from the vehicle.

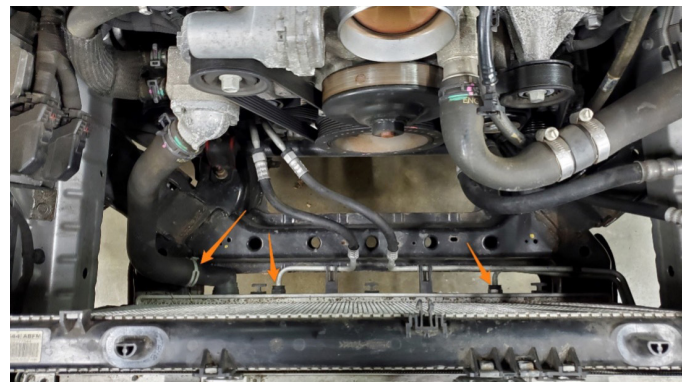


**4.** Using pliers or a remote-action hose clamp tool, disconnect the three (3) hoses from the top of the radiator. Then, using a 10mm wrench, remove the two (2) bolts securing the upper radiator mounts and remove the mounts from the vehicle. Next, using a 10mm wrench, remove the two (2) bolts securing the fan shroud to the radiator. Disconnect the fan plug and remove the fan shroud from the vehicle. Then, using a 10mm wrench, remove the two (2) bolts securing the A/C condenser and the two (2) bolts securing the external transmission cooler (if equipped) to the radiator.

(Image on top right)

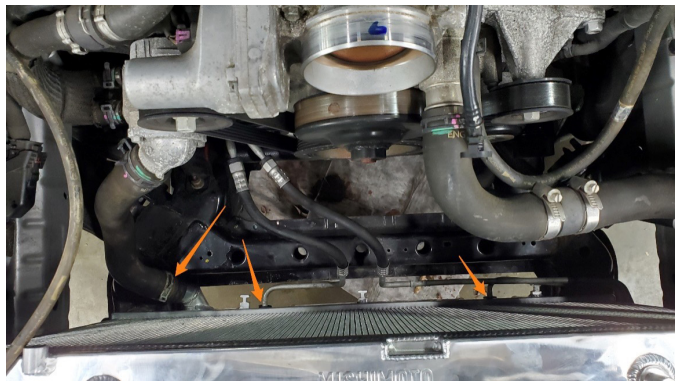


**5.** Using pliers or a remote-action hose clamp tool, remove the lower radiator hose. **For vehicles with an automatic transmission:** Remove the dust covers from the internal transmission cooler lines. Then, using a pick or a 3/8" transmission line disconnect tool, remove the internal transmission lines from the radiator. Be prepared to catch any transmission fluid that may leak out in an appropriate container and dispose of it properly.



**6.** Be sure to reinstall the lower radiator mount grommets into the vehicle if they stayed attached to the stock radiator during removal. Install the Mishimoto radiator into the lower radiator mounts. Then, using pliers or a remote-action hose clamp tool, install the lower radiator hose onto the Mishimoto radiator. **For vehicles with an automatic transmission:** Install the transmission lines into the fittings for the internal transmission cooler on the Mishimoto radiator. (Image on next page)

Continued on next page



**7.** Reinstall the fan shroud onto the Mishimoto radiator, tighten the two (2) fan shroud bolts that were removed in step 4, and reconnect the fan plug. Then, mount the A/C condenser and external transmission cooler (if equipped) to the Mishimoto radiator with the bolts that were removed in step 2 & step 4. Next, attach the three (3) hoses that were removed in step 4 to the Mishimoto radiator. Then install the upper radiator mounts onto the Mishimoto radiator and secure to the vehicle with the two (2) bolts that were removed in step 4.



**8.** Reinstall the intake and tighten the throttle body and air box hose clamps. Then, reconnect the MAF sensor plug and breather hose that were disconnected in step 3. (Image on top right)



**9.** Check that the Mishimoto drain plug on the bottom of the Mishimoto radiator is tightened. Then, reinstall the engine splash guard that was removed in step 1. Refill the coolant system. **For vehicles with an automatic transmission:** Check the transmission fluid level and top off if needed.

**Congratulations! You have completed your installation!**

Continued on next 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](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)