

# MISHIMOTO RADIATOR

## PARTS LIST & INSTALLATION GUIDE

### PARTS LIST

1PC | MISHIMOTO RADIATOR

1PC | MISHIMOTO MAGNETIC DRAIN PLUG

### TOOLS NEEDED

RATCHET AND EXTENSION	FLATHEAD SCREWDRIVER
10MM SOCKET	TEFLON TAPE
8MM SOCKET	COOLANT FUNNEL
#4 HOSE CLAMP	COOLANT DRAIN PAN
NEEDLE NOSE PLIERS	COOLANT
JACK + JACK STANDS	

### DISCLAIMER

- Mishimoto Performance is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of MP products.
- MP always suggests that a trained professional install all MP products.
- Refill coolant system with 50/50 coolant, unless specified by the manufacturer.
- Do not run the engine or drive the vehicle while overheating. Serious damage may occur.

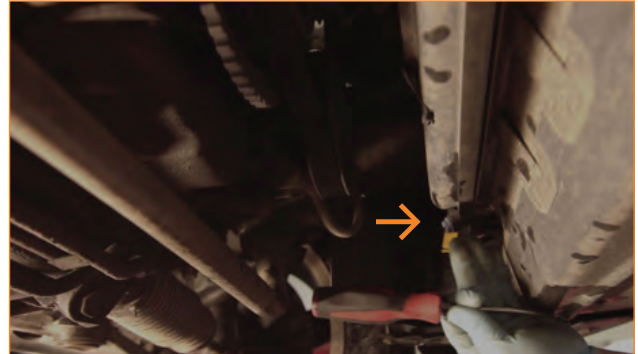
### INSTALLATION INSTRUCTIONS

#### 01 | REMOVING THE OEM RADIATOR & FAN SHROUD

1. Using a jack, securely support the vehicle on jack stands or use a vehicle lift. Disconnect the negative terminal from the battery. (Located in the trunk).
2. Use your flathead screwdriver to loosen the coolant bleed screw, located directly next to the coolant filler neck.



3. Use your flathead screwdriver to remove the coolant drain plug located beneath the radiator under the vehicle. Drain all coolant from the vehicle using a drain pan to catch all used coolant.



4. Remove the front intake duct using your ratchet to remove the four 8mm bolts securing it.
5. Remove the alternator duct by using your flathead screwdriver to loosen the hose clamp securing it.
6. Remove the upper radiator hose, again using your flathead screwdriver to loosen the hose clamp securing it.
7. Remove the lower radiator hose. It is possible to do this from inside the engine bay. Using your flathead screwdriver, you will need to loosen the two hose clamps securing it. One is located on the lower side of the radiator, and the other on the front of the engine.



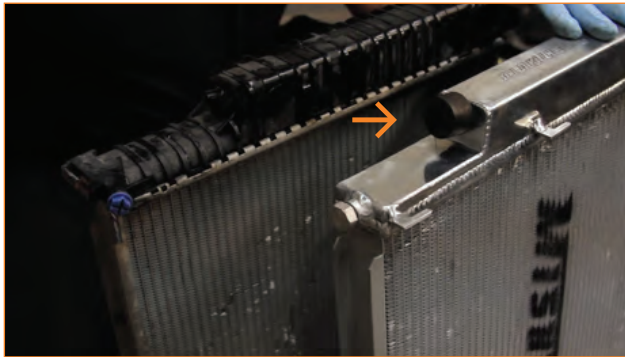
8. Use your flathead screwdriver to unclip the upper radiator mounting points.
9. Use your needle nose pliers to remove upper bleed-off tube.
10. Remove the fan shroud from the radiator by using your flathead screwdriver to remove the push pins on each side at the top of the radiator.
11. Unplug the temperature sensor from the side of the radiator by pressing the push clip on the bottom of the sensor.
12. Remove the radiator from the engine, pulling straight up.

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## INSTALLATION GUIDE

### 02 | PREPPING THE MISHIMOTO RADIATOR FOR INSTALLATION

1. Transfer the rubber isolators from the OEM radiator to the Mishimoto radiator.



2. Remove the temperature sensor from the OEM radiator and wrap with Teflon tape.

3. Install the Teflon-wrapped temperature sensor into the threaded port on the Mishimoto radiator.

### 03 | INSTALLATION OF MISHIMOTO RADIATOR

1. Install the new Mishimoto radiator on the vehicle, making sure to seat the mounting pegs back into the holsters properly.



2. Plug the coolant temperature sensor back in beneath the reservoir.
3. Screw the fan shroud back into place on the radiator using the supplied Mishimoto hardware.
4. Refasten the upper radiator mounting points.
5. Reconnect the upper bleed-off tube to the radiator and secure it with a #4 hose clamp.
6. Reinstall the OEM upper radiator hose and secure it, reusing the OEM hose clamps. (For these photos, we are using Mishimoto Silicone Radiator Hoses).

7. Reinstall the OEM lower radiator hose using the OEM hose clamps. Sliding the clamps onto the hose prior to installation is recommended due to the tight spaces.



8. Reattach the front air intake duct, securing it with the four 8mm bolts.

9. Reattach the alternator duct and tighten the hose clamp to secure it.



### 04 | COOLANT REFILLING & INSTALL COMPLETION

1. It is now time to refill the vehicle with coolant. Insert the funnel into the filler neck of the radiator and begin to pour in a 50/50 mix of coolant and distilled water.
2. Tighten the coolant bleed screw that you loosened earlier.
3. Reconnect the negative terminal on the battery and start the vehicle, making sure the vehicle is in neutral or park.
4. With the vehicle running, turn the heat on high. Monitor the temperature gauge to make sure the vehicle does not overheat.
5. Using a jack, raise the vehicle, remove the jack stands, and lower the vehicle, or lower the vehicle on the lift you were using.