

2007+ BMW N54/N55 (AUTOMATIC) PERFORMANCE ALUMINUM RADIATOR PARTS & INSTALLATION GUIDE



PARTS INCLUDED

- 1PC Mishimoto Aluminum Radiator
- 7PC Mounting Brackets
- 1PC Mounting Hardware Pack

TOOLS NEEDED

- 1/4" Drive Ratchet
- 1/4" Drive Extension
- 10mm Socket
- T25 Torx
- 4mm Allen Key
- Flathead Screwdriver
- Pick Tool

INSTALL TIME 3-4 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. Loosen the bleeder on the coolant reservoir tank.
2. Unscrew the coolant reservoir cap.
3. Remove the intake duct.
4. Remove the splash shield under the vehicle.

5. Remove the bolt that secures the fan shroud. (1x T25 torx bolt)



6. Disconnect the electrical fan connector. Depress the tabs at the sides to free the connector.



7. Lift the fan shroud out from behind the radiator.
8. Remove the bolts that secure the upper portion of the radiator. (2x T25 torx)



9. Separate the upper radiator hose from the radiator by releasing the clip on the hose connection. (2x spring clips)

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10. Separate the lower radiator hose from the radiator by releasing the clip on the hose connector. (1x spring clip)



11. Access the intercooler pipes from under the vehicle with the splash shield removed. Separate the intercooler pipes from the intercooler. (2x spring clips)



12. Release the tabs on the plastic shrouding attached to the intercooler. Slide the shrouding out from under the intercooler.



13. Remove the bolts that secure the intercooler, and then lower it out of the vehicle.
14. Using a flathead screwdriver, unscrew the drain plug at the bottom of the radiator and drain the coolant. Once the coolant is drained, reinstall the plug.



15. Separate the transmission cooler lines. (2x T25 torx bolts)



16. Lift the loose radiator out of the engine bay. Lower the Mishimoto radiator in its place.
17. Connect the transmission cooler lines to the radiator. Use the provided hardware to secure the lines. (2x 4mm Allen bolts)

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18. Reinstall the intercooler and reconnect the intercooler pipes.
(2x T25 torx bolts, 2x spring clips)
19. Reinstall the plastic shrouding underneath the intercooler.
20. Reattach the radiator hoses to the radiator.
(3x spring clips)
21. Slide the fan shroud behind the radiator and secure it with the supplied bolt. (1x 10mm bolt)



22. Reconnect the fan shroud electrical connector.
23. Reinstall the lower splash shield.
24. Reinstall the intake duct.
25. Refill the coolant to the proper level and close the reservoir with the reservoir cap.

Congratulations! You have finished installing the Mishimoto 2007+ BMW N54/N55 (Automatic) Performance Aluminum Radiator.