2006-2013 BMW 335I/135I PERFORMANCE ALUMINUM RADIATOR

PARTS LIST AND INSTALLATION GUIDS

PARTS LIST

1PC | MISHIMOTO BMW 335I/135I PERFORMANCE ALUMINUM RADIATOR

1PC | MISHIMOTO MAGNETIC OIL DRAIN PLUG

1PC | M6 X 10MM FAN SHROUD BOLT

TOOLS NEEDED

T20 TORX SOCKET

LARGE FLATHEAD SCREWDRIVER

T25 TORX SOCKET

SMALL FLATHEAD SCREWDRIVER

BMW COOLANT

10MM SOCKET

DIFFICULTY LEVEL: 4/5

1/4" DRIVE RATCHET

INSTALL TIME: 3-4 HOURS

DISCLAIMER

1/4" DRIVE 6" EXTENSION

- Please dispose of any liquids properly.
- Allow vehicle to cool completely prior to attempting installation.
- Mishimoto Performance (MP) 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.
- Do not run the engine or drive the vehicle while overheating.
 Serious damage may occur.
- Raise vehicle only on jack stands or on a vehicle lift.

INSTALLATION INSTRUCTIONS

01 | REMOVING THE STOCK RADIATOR

1. Remove the front shield. (2x T20 Torx screws)



- 2. Loosen the bleeder on the coolant reservoir. (flathead screwdriver)
- 3. Remove the undertray. (16x 8mm bolts)



- **4.** Disconnect the two charge pipes, using the quick-disconnect couplers on both. (flathead screwdriver)
- **5.** Remove the stock drain plug, and drain the coolant. (flathead screwdriver)



- **6.** Once the fluid has completely drained, reinstall the drain plug. (flathead screwdriver)
- 7. Remove the upper radiator hose at the quick-disconnect coupler. [flathead screwdriver]
- 8. Remove the overflow hose from its clip.
- **9.** Disconnect the electrical fan connector. (flathead screwdriver)
- 10. Once disconnected, move the electrical harness out of the way.
- 11. Remove the upper fan shroud bolt. (T25 Torx screw)
- ${\bf 12.}$ Disconnect the fan shroud clip located by the driver-side charge pipe.
- 13. Remove the fan shroud assembly.
- **14.** Remove the lower radiator hose at the quick-disconnect coupler. (flathead screwdriver)

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01

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INSTALLATION GUIDE

- **15.** Remove the two upper radiator bolts. (T25 Torx screwdriver)
- 16. Remove the radiator from the engine bay.

02 | REMOVING THE STOCK FRONT-MOUNT INTERCOOLER

1. Remove the two intercooler screws. (T25 Torx screwdriver)



2. Remove the stock front-mount intercooler.

03 | INSTALLING THE MISHIMOTO PERFORMANCE RADIATOR

- 1. Install the new Mishimoto radiator into the engine bay.
- 2. Reinstall the two radiator bolts. (2x T25 Torx bolts)
- 3. Reconnect the lower radiator hose.
- **4.** Reinstall the stock fan shroud. Make sure the fan shroud falls into the driver-side tab.
- 5. Install the supplied M6 fan shroud bolt. (1x 10mm bolt)
- 6. Reinstall and reattach the electrical harness and connector.
- 7. Reinstall the upper radiator hose and overflow hose.

04 | REINSTALLING THE STOCK FRONT-MOUNT INTERCOOLER

- 1. Reinstall the stock intercooler and bolts. (2x T25 Torx bolts)
- 2. Reinstall the two charge pipes on the intercooler using the quick-disconnect couplers.
- 3. Reinstall the stock undertray. (16x 8mm bolts)
- 4. Reinstall the stock intake duct. [2x T20 Torx screws]
- 5. Remove the coolant reservoir cap.
- **6.** Fill the coolant system, run the vehicle, bleed the system, and check for any leaks.
- **7.** You have now successfully installed the Mishimoto 2006–2013 BMW 335i/135i Aluminum Performance Radiator. Enjoy!