

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

## PARTS LIST AND INSTALLATION GUIDE

### 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

T25 TORX SOCKET

8MM SOCKET

10MM SOCKET

1/4" DRIVE RATCHET

1/4" DRIVE 6" EXTENSION

LARGE FLATHEAD SCREWDRIVER

SMALL FLATHEAD SCREWDRIVER

BMW COOLANT

DIFFICULTY LEVEL: 4/5

INSTALL TIME: 3-4 HOURS

### DISCLAIMER

- 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)
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)

CONTINUED ON FOLLOWING PAGE 2 >

# 01

# 2006-2013 BMW 335i/135i PERFORMANCE ALUMINUM RADIATOR 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!