

1999–2005 BMW E46 AIR INTAKE



INSTALLATION INSTRUCTIONS

PARTS LIST

- 1 PC** | SILICONE INTAKE HOSE W/ INTEGRATED CNC PIPE
 - 1 PC** | HIGH-FLOW, OILED FILTER
 - 1 PC** | HEATSHIELD W/ PRE-ASSEMBLED PROTECTIVE EDGING
- MOUNTING HARDWARE

TOOLS NEEDED

- | | |
|-----------------------|----------------------|
| 6MM SOCKET | 3/8" DRIVE RATCHET |
| 10MM DEEP SOCKET | NEEDLENOSE PLIERS |
| 3/8" DRIVE EXTENSIONS | FLATHEAD SCREWDRIVER |

INSTALLATION TIME 1.5 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.

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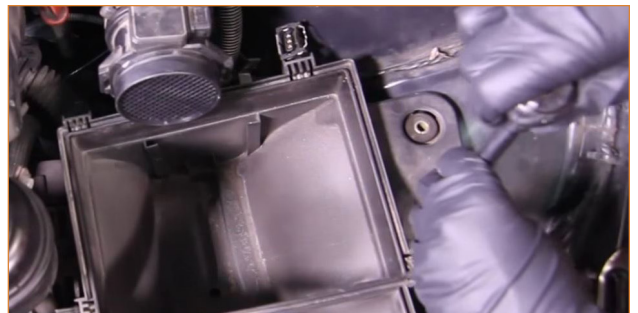
- 01.** Remove the three pop-clips that secure the air scoop to the vehicle and then remove the air scoop. (3x pop-clips)



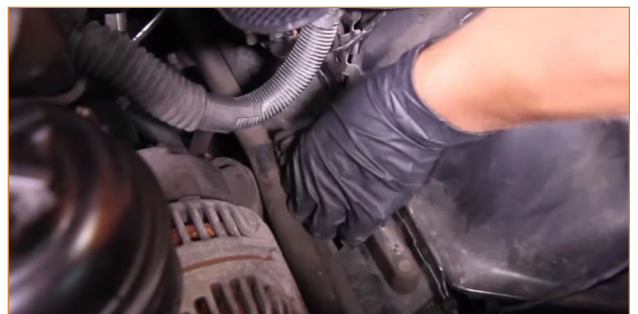
- 02.** Release the five clips that secure the airbox cover. Lift the airbox lid and remove the air filter. (5x clips)
- 03.** Release the two clips that secure the MAF housing to the airbox. Then work the airbox lid off the MAF housing and remove it from the vehicle. (2x clips)



- 04.** Remove the two bolts that secure the base of the airbox to the vehicle. Then remove the base of the airbox by lifting it up and tilting it to clear the radiator support. (2x 10mm bolts)



- 05.** Remove the rubber airbox bushing from the frame rail by pulling it up off the studs.



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06. Install the Mishimoto heat shield. The lower mounting holes on the heat shield install over the studs on the frame rail, while the upper mounting hole installs over the stud near the fender. The MAF housing should protrude into the heat shield.



07. Install the provided Nyloc nuts over the studs along the frame rail. Install the regular nut and washer over the stud near the fender. (2x 10mm Nyloc nuts, 1x 10mm nut and washer)



08. Install the Mishimoto silicone coupler over the MAF housing, and secure it with a worm gear clamp. (1x worm-gear clamp)
09. Insert the aluminum air filter adapter into the silicone coupler and secure it with a worm-gear clamp. (1x worm-gear clamp)



10. Install the air filter over the aluminum adapter. Secure the air filter with the worm-gear clamp. (1x worm-gear clamp)
11. Reinstall the air scoop and secure it with the original hardware. (3x pop-clips)
12. Remove the elbow from the stock airbox and install it onto the air scoop.



Congrats! You just finished installing the 1999–2005 BMW E46 Air Intake.

