

# 2014–2018 MINI COOPER PERFORMANCE AIR INTAKE PARTS LIST AND INSTALLATION GUIDE



## PARTS INCLUDED

- 1PC | ALUMINUM INTAKE PIPE
- 1PC | HIGH-FLOW, OILED FILTER
- 1PC | STEEL AIRBOX
- 1PC | WORM-GEAR CLAMP
- 1PC | MOUNTING HARDWARE

## TOOLS NEEDED

- 2.5MM ALLEN KEY/SOCKET
- T20 TORX SOCKET
- 10MM SOCKET
- 1/4" DRIVE RATCHET
- FLATHEAD SCREWDRIVER

## INSTALL TIME **1 HOUR**

## 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.

## CAUTION

Never work on the cooling system when it is hot. The coolant temperature in the radiator can be considerably higher than boiling, and the system may be under pressure. Opening a cooling system that is hot or under pressure can result in serious injury. Always wait until the system has cooled completely before servicing it in any way.

## INSTALL PROCEDURE

01. Remove the two nuts that secure the air inlet duct to the radiator support, and then remove the inlet duct. (2x 10mm nuts)
02. Disconnect the wiring harness from the mass airflow (MAF) sensor. To release the clip, slide the gray tab away from the connector, then depress the tab and pull the connector off the sensor.
03. Loosen the worm-gear clamp that secures the intake pipe to the airbox. (1x worm-gear clamp)
04. Separate the electrical harness from the side of the airbox by lifting the rubber isolator off the post on the airbox.



05. Remove the bolt that secures the airbox to the radiator support. (1x 10mm bolt)
06. Lift the airbox to separate it from the vehicle. The airbox is secured to the vehicle with a pair of pegs and grommets. Cap separate separate the airbox from the intake pipe and remove the airbox from the vehicle.
07. Remove the two Torx screws that secure the MAF sensor to the airbox. Then remove the MAF sensor by sliding it out. (2x T20 Torx screws)

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08. Remove the mounting grommet from the airbox. First remove the metal collar from inside the grommet, and then compress the grommet and remove it from the airbox. (1x collar, 1x grommet)

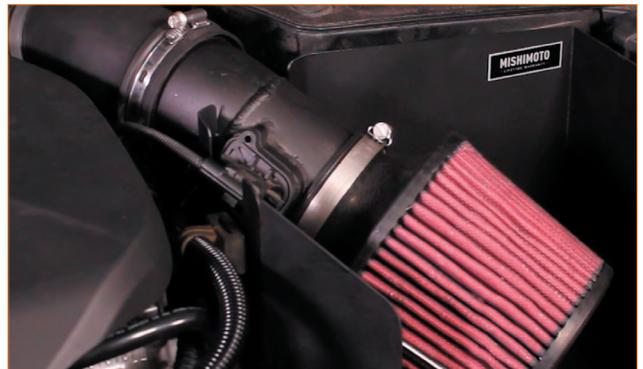


09. Install the MAF sensor into the Mishimoto intake pipe and secure it with the provided Allen bolts. (2x 2.5mm Allen bolts)
10. Install the mounting grommet to the Mishimoto airbox. Slide the grommet into the mounting bracket, and then insert the metal collar. (1x collar, 1x grommet)



11. Install the two supplied mounting pegs to the bottom of the Mishimoto airbox. Secure the pegs to the airbox using the supplied Allen bolts and washers. (2x mounting pegs, 2x washers, 2x 4mm Allen bolts)

12. Install the Mishimoto airbox. Lower the airbox into place and push it down to engage the mounting pegs.
13. Secure the airbox to the radiator support using the original bolt. (1x 10mm bolt)
14. Slip the rubber isolator over the peg on the Mishimoto airbox to secure the wiring harness.
15. Lift the stock intake pipe upward and slide the Mishimoto MAF adapter into the airbox from behind. Then slip the intake pipe over the MAF adapter but do not tighten the clamp yet.
16. Connect the electrical harness to the MAF sensor and engage the gray lock tab on the connector. Rotate and adjust the MAF adapter until the electrical connector fits into the notch along the upper edge of the airbox.
17. Install the air filter to the MAF adapter and tighten the clamp. Then go back and tighten the clamp that secures the intake pipe to the MAF adapter.



18. Install the air inlet duct and secure it with the two original nuts. (2x 10mm nuts)

**Congrats! You just finished installing  
the 2014–2018 Mini Cooper Performance  
Air Intake.**

**02**