

GruppeM RAM AIR SYSTEM

CARBON DUCT INTAKE KIT

Installation Instructions

FRI-0344

MINI F56 LCI JCW (2018 -) Late model.

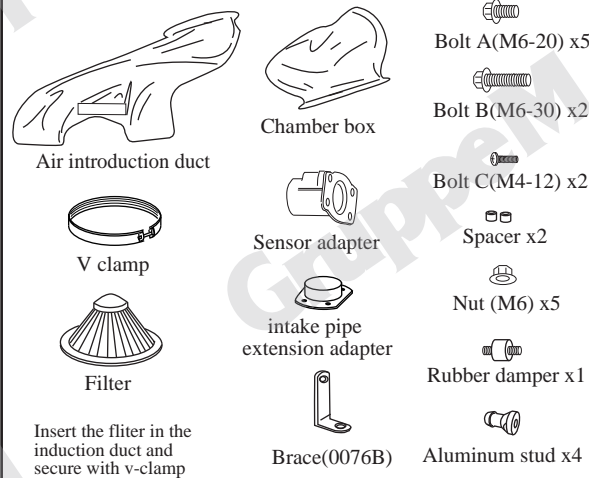
Thank you for buying the GruppeM Ram Air System
Before installation, verify that you have all of the parts in the Parts List on the right.

CAUTION

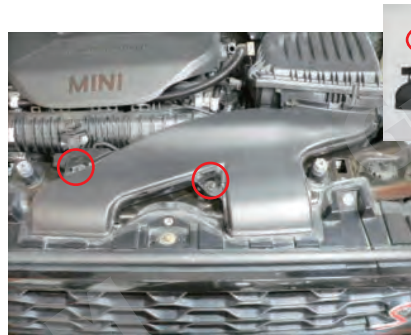
- Do not install on a road or other place that could interfere with automobile or pedestrian traffic.
- Park on flat, horizontal ground with the emergency brake on, to prevent the vehicle from rolling. Remove the key from the ignition and let the engine cool down completely before beginning installation.
- Wear work clothes suitable for the job. When necessary, wear protective gloves and glasses.
- After installation, regular maintenance is necessary. Periodically check for realignment, clearance, and tightening of all components.
- GruppeM Inc. will not be held responsible for installations to any motor vehicle model other than the one specified.
- Keep these instructions in a safe place after using them.

Speeding and reckless driving are completely unacceptable. Please use this product with care, following all traffic regulations.

PARTS LIST



Installation of ram air system



1. Remove the two nuts and remove the introduction duct.



3. Disconnect the air mass sensor coupler and loosen the hose band.



Remove the grommet.



2. Remove the metal parts inside the grommet.



4. Remove the bolt circled in red to remove the box. Next, remove the air mass sensor from the box.

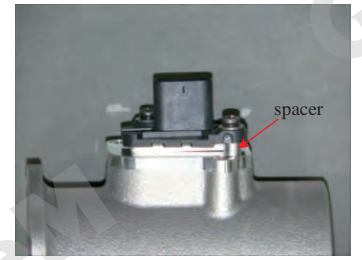
remove the air mass sensor



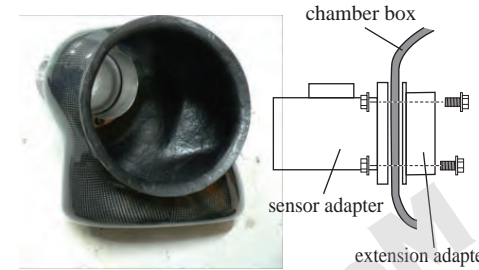
5. Attach the grommets removed in step 2 to the carbon introduction duct.



6. Attach the brace to the carbon introduction duct with bolt A.



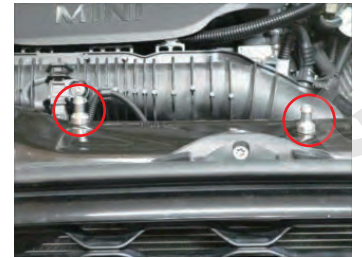
7. Attach the sensor to the sensor adapter using bolt C and spacer.



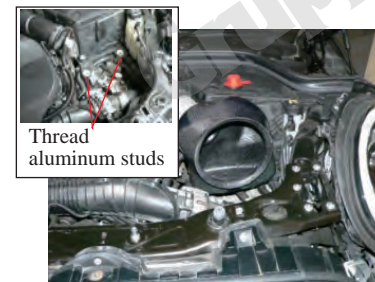
8. Install the sensor adapter and the intake pipe extension adapter to the chamber box using bolt A and nut.



9. Attach the aluminum stud to the chamber box using bolt B.



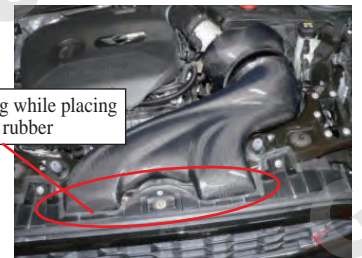
10. Thread aluminum studs adapter on the factory stud bolts attached to the body as shown here.



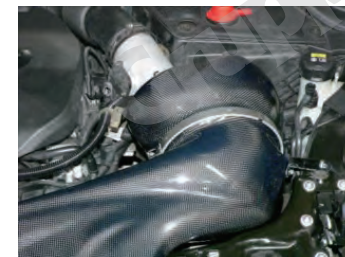
11. Place the chamber box on the vehicle. Insert the grommet part as seen in the factory air box.



12. Install the rubber damper on the body.



13. Insert the tip of the introduction duct in the factory rubber inlet on the core support while simultaneously sandwiching the filter with the chamber box.



14. Attach the chamber box, filter, introduction duct using V clamp and secure.



15. Secure the brace to the rubber damper using nut (M6).



16. Re-install the sensor coupler.