

# M's RAM AIR SYSTEM

## CARBON DUCT INTAKE KIT

### Installation Instructions

FR-0139

TOYOTA A90 SUPRA (RZ) 3.0 Turbo

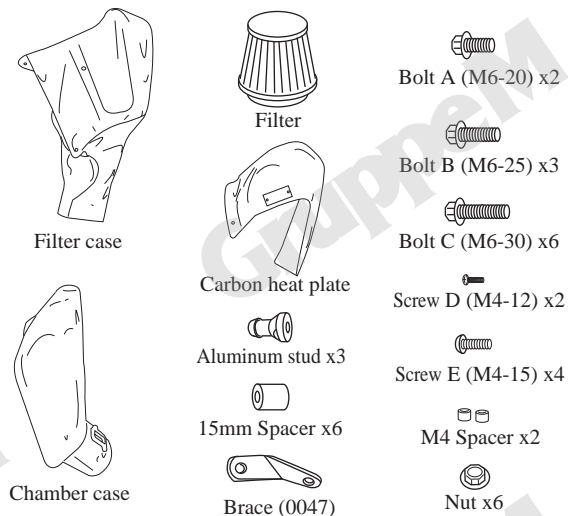
Thank you for buying the M's Ram Air System  
Before installation, verify that you have all of the parts in the Parts List on the right.



#### CAUTION

- Please read the entire instruction manual before proceeding.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts and our installation manual for future use.
- GruppeM Inc. will not be held responsible for installations to any motor vehicle model other than the one specified.

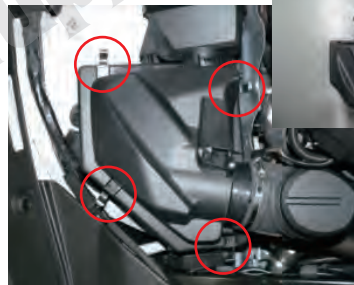
#### PARTS LIST



#### Attachment of RAM AIR SYSTEM



1. Loosen the hose band and remove the sensor coupler.



2. Remove four hooks and take out the upper part of the filter box.



3. Remove the sensor from the top of the box.



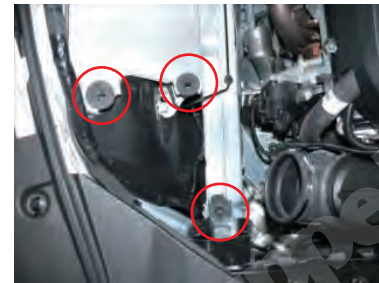
4. Take out the lower part of the filter box.



5. The lower part of the filter box.



6. Remove the heat plate from the bottom of the filter box.



7. Check that the grommet has not come off.



8. Secure the aluminum stud with two bolts B.



9. Fix the genuine heat plate with four nuts with four bolts C, sandwiching four 15mm spacers.



10. With two 15mm spacers in between, fix the attached carbon heat plate with two nuts with two bolts C.



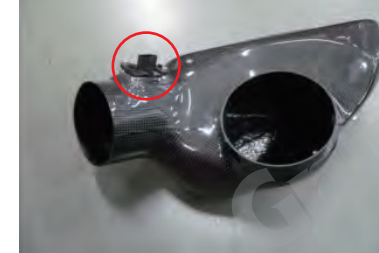
11. Fix the carbon heat plate with one screw E.



12. Temporarily fix the brace (0047) with bolt A.



13. Secure the aluminum stud with one bolts B.



14. Put two M4 spacers between the sensor and the pedestal, and fix the sensor with two screws D.



15. Attach the filter with a band.



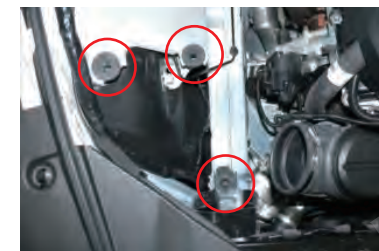
16. Secure the chamber case and filter case with one bolt A.



17. Secure the chamber case and filter case using two screws E.



18. Secure the chamber case and filter case with one screw E. Retighten each part. (make sure not to over tighten)



19. Position the carbon assembly on the vehicle so that the aluminum studs connects tight to the grommet.



20. Install the sensor coupler. Tighten the hose band.