

Ms RAM AIR SYSTEM

CARBON DUCT INTAKE KIT

Installation Instructions

FR-0203

CPV35 SKYLINE COUPE VQ35DE

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.

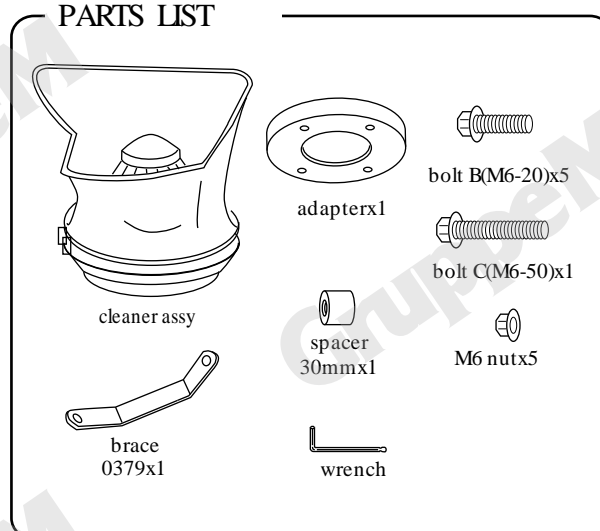


CAUTION

- 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



Remove original air cleaner

An original cleaner is removed and a cleaner case is removed the whole air mass sensor.

An air mass sensor is removed from a cleaner case.

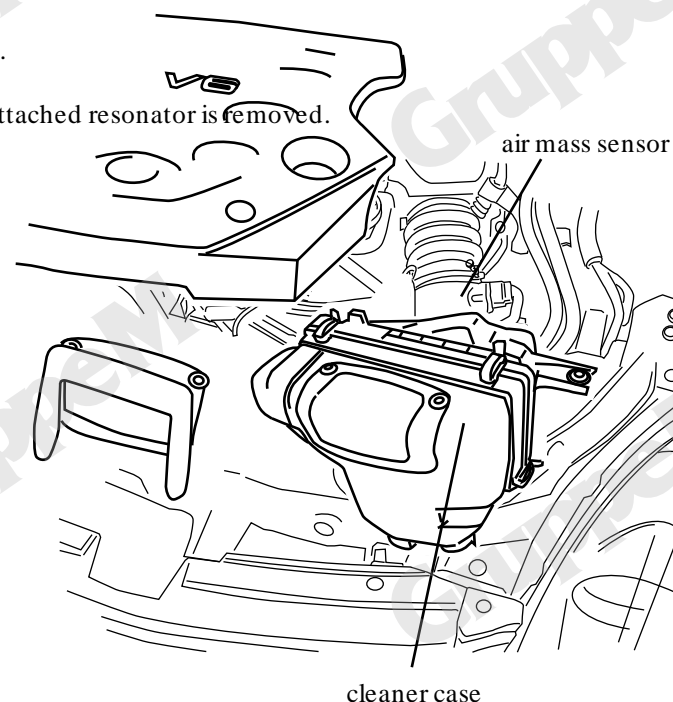
Under a cleaner case (inner side of a fender) The attached resonator is removed.

A front grille is removed.

It removes front undercover.
(14 bolts, one clip)

A front bumper is removed.
(Four bolts, six clips, four tapping screws)

The details of the removal step should work according to a maintenance document.



The adapter, lower case, v-clampe and filter are presassembled

Install Ram Air System

※ Install an introductory duct and an introductory funnel as the manual of an attached sheet first.

An air mass sensor and brace are installed in an adapter.
(Bolt Ax5, nut x five-piece use)

Cleaner ASSY is installed in an adapter in advance.

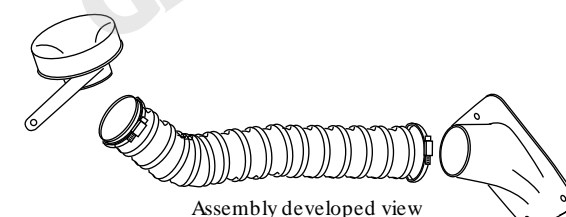
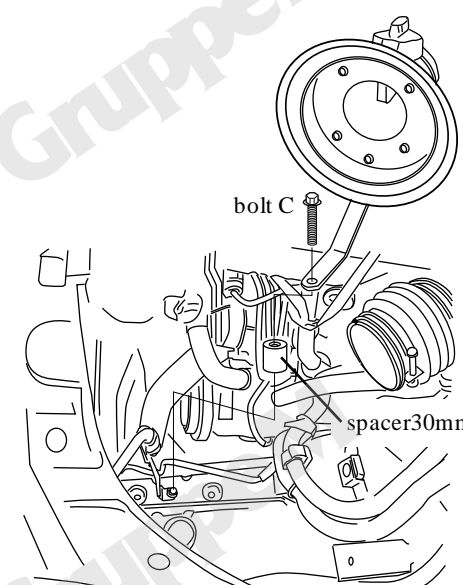
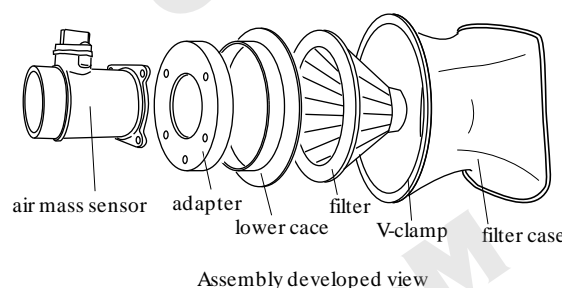
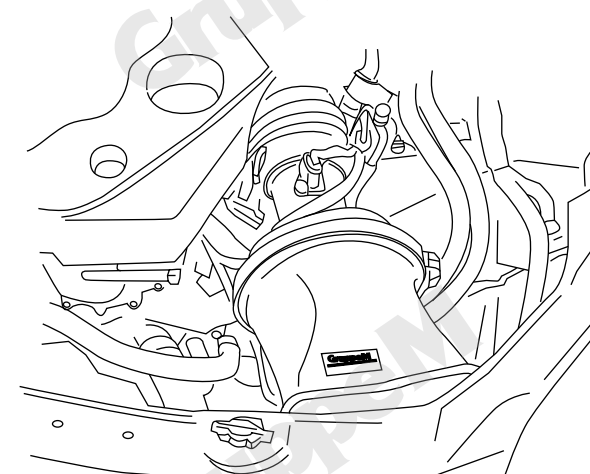
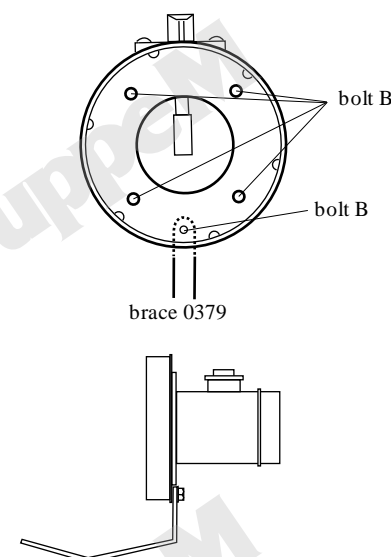
An air mass sensor is installed in an original intake hose, and brace is fixed to a body.

A spacer is inserted between brace and a body.

brace is fixed together with an air-conditioner hose bracket.
(Refer to the following figure)

Wiring of an air mass sensor is installed.

The place of each part is adjusted.



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Installation Instructions

Introductory duct for FR-0203

CPV35 SKYLINE COUPE VQ35DE

PARTS LIST



Installation of an introductory duct

The resin part on the inside of a bumper is removed once, and it is processed as a paper pattern, and installs with an introductory duct. (see the right figure)

Bolt Dx2, a washer 2, and M5 nut x4 (It locks with a double nut)

brace1065A is installed in the funnel for introduction with Bolt A. (see the lower right figure)

An introductory duct and an introductory funnel are connected with a duct hose, and it fixes in a band. An introductory funnel is installed in a body. (Arrow area of the following figure)

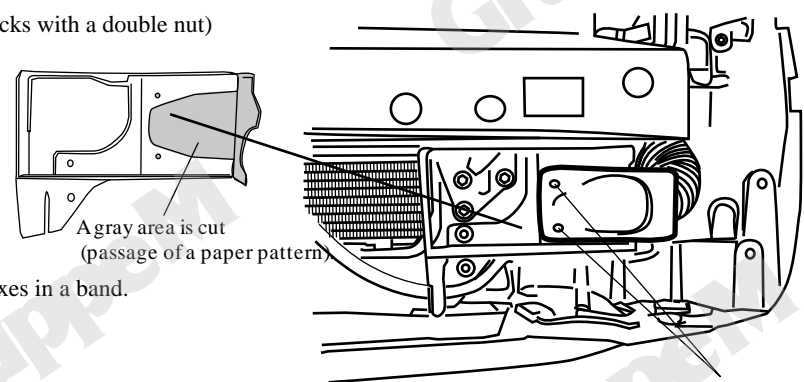
It fixes to the screw hole where the resonator was being fixed with the attached bolt B.

※It is more effective if a duct is directly installed in the face side of a bumper.

But cautions are needed because water may permeate in the run in case of rainy weather.

Permeation of water can be prevented if an introductory funnel is ahead leaned contrary to the direction of a filter.

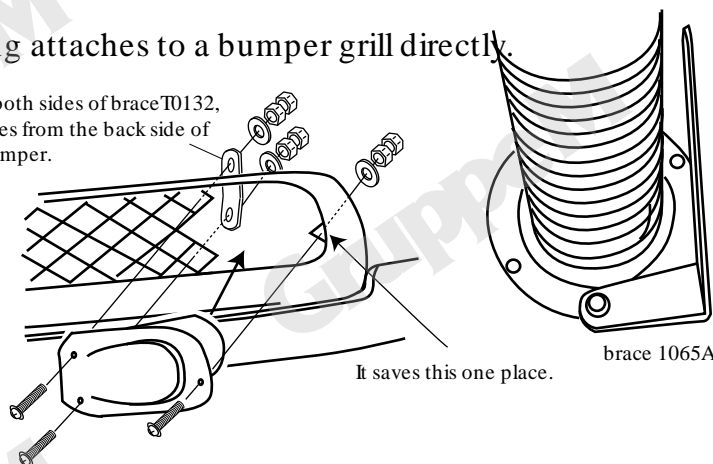
The example of installation should consult the following figure.



It fixes with two bolts.

Picking attaches to a bumper grill directly.

On both sides of brace T0132, it fixes from the back side of a bumper.

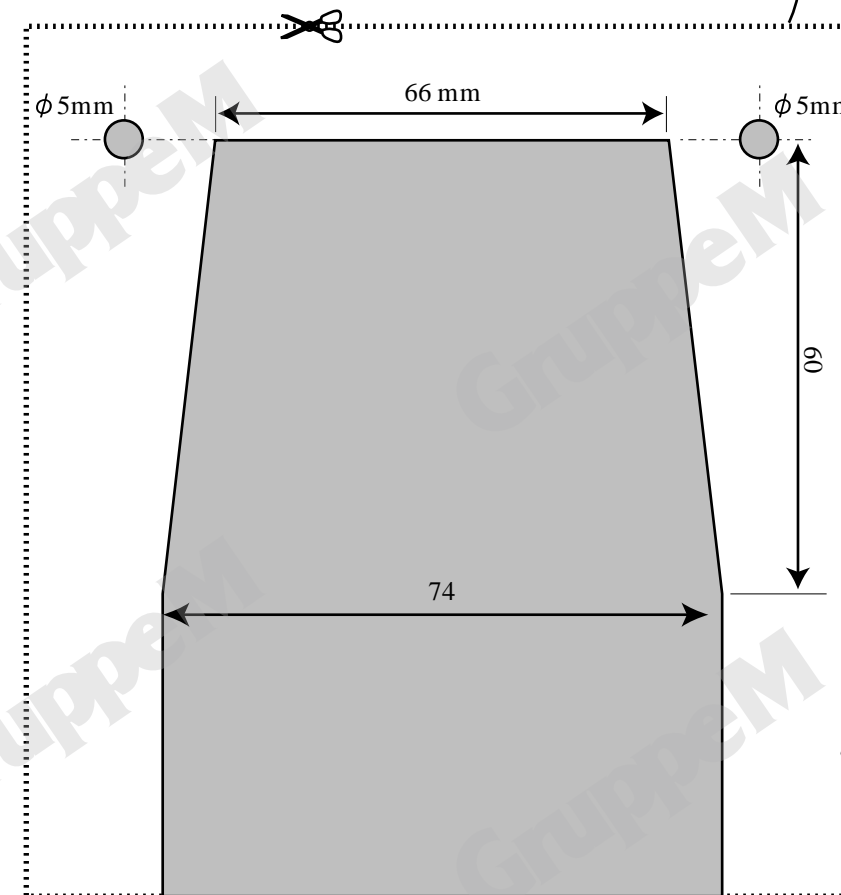
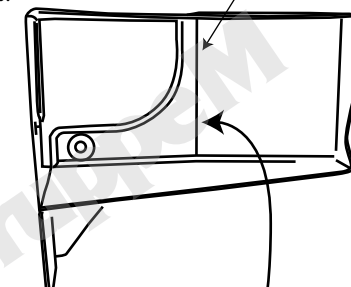


Please refer to this illustration and the cut of a grill and a duct should process it according to a car.

The paper pattern for resin part processing

A paper pattern is set by the arrow area of the right figure at a line, a paper pattern is stuck on a resin part, and a gray portion is cut. The 5mm hole for installation is also drilled simultaneously.

A paper pattern is set by this line.



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