

/// Race Louvers

Supplemental Instructions

Subaru WRX / STI OE Scoop Delete - '92-00 / '04-05

- When changing to a front mount intercooler and using our Race Louver kit with the rear blanker panel to cover the oem scoop hole, cut out the template, lay it on the louver frame, mark the squirter notches on the template and cut out, then locate the template on the hood with the washer fluid squirter at or within the notches.
- The side kit is designed to be installed with the front edge aligned with the front edge of the center scoop delete kit.

Subaru WRX / STI OE Scoop Delete - '08-14

- When changing to a front mount intercooler and using our Race Louver scoop delete kit, cut out the template and locate it on the hood with the front center edge approximately 5" from the front center of the hood, this places the louvers right behind the radiator for maximum efficiency while covering the raised scoop area. When installing the louvers both halves need to be joined in the center via the supplied fasteners.
- The scoop delete side kit is designed to be installed with the rear edge aligned with the rear edge of the center scoop delete kit.

Subaru WRX / STI OE Scoop Delete - '15-21

- When changing to a front mount intercooler and using our Race Louver scoop delete kit, cut out the template and locate it on the hood with the rear edge aligned with the rear of the oe center scoop hood bubble, this places the louvers right behind the radiator for maximum efficiency.
- The scoop delete side kit is designed to be installed with the rear edge aligned with the rear edge of the center scoop delete kit.

Subaru WRX / STI Side Kit - '04-05 / '08-14 / '15-21

- The standard side hood louver kits are designed to fit between the hoods outer perimeter structure and the OE intercooler scoops mounting structure. Standard side kits should mount with the front edge 2-4" behind the back of the radiator.

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Supplemental Instructions

Mustang - '15-17

- The center louver kit is designed to be installed in the center of the hood between the OEM side vents. Can be installed with the front aligned with the back of the radiator to retain the 'Pony' stamped on the underside of the hood or installed with the rear edge aligned with the rear edge of the side vents.
- The side louver kit is designed to be installed with the leading edge aligned with the front edge of the oem vent hole. This allows the front blanker panel to properly space the louvers rearward of the radiator for maximum efficiency. Note: To avoid cutting into the hoods main perimeter structure this kit is designed to fit very tight so proper alignment is important.

Mustang - '18-21

- The side louver kit should be installed within the recessed area with the front edge just behind the rear part of the OEM vent.
- The center louver kit should be installed with the rear edge aligned with the rear edge of the side louver kit. This places the louvers just behind the radiator in the optimal position.

Mustang GT500 - '10-14

- The large one piece kit is designed to be installed in place of the OEM vent. The OEM vent is to be removed, the front of the template is located 1" forward of the OEM hole and centered, this places the blanker panel over the OE hole and locates the front louver a few inches rearward of the radiator. Note when cutting the hood it is recommended to retain as much of the OE hood/hood bracing to retain rigidity.

Mustang - '99-04

- The center scoop delete louver kit should be installed with the front edge approximately 4" from the front edge of the hood, this places the louvers right behind the radiator while covering the entire center recessed area of the hood.

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Supplemental Instructions

Mustang - '11-22

- When installing the cobra jet / boss 302 center louver you must carefully measure the install location so the rear cut out area fits properly over the intake.

Mustang - '10-12

- The louver should be installed on the forward part of the raised center section of the hood. This places the extractor just behind the radiator in the optimum position.

Mustang Cobra - '96-98

- The center louver kit is designed to replace the oem center hood bubble. The leading edge of the louver kit should be installed 1" forward of the front center part of the raised bubble.

Mustang GT350 - '16-21

- The front of the center hood louver should be carefully located on top of the narrow horizontal surface within the oem vent location. The front center fastener will mount on the oem center tab.

Ford Focus - '12-18

- The side louver kit should first be installed per the normal instructions.
- The center louver kit should then be installed with the rear edge flush with the rear edge of the side louver kit, this places the front further back than the side louver kit so that it clears the OEM hood latch and support structure without modifications.

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Supplemental Instructions

Corvette - '20-22 C8

- The front fender liner should remain and a hole should be cut in it near the louver, this maximizes front downforce and cooling on vehicles with front corner mounted heat exchangers such as the C8.

Corvette - '97-04 C5

- The C5 is unique in that its a bottom breather and the top of the radiator is tilted rearward making cooling problematic. Since it is common place to tilt the top of the radiator forward to improve cooling our louvers should be installed as follows.
- The center hood louvers should be installed with the leading blade edge right at the back of the radiator core for radiators in the oem position. If the radiator is tilted forward 4" or more then the leading edge should be about 2-4" behind the back of the radiator core.
- The side hood louvers should be installed with the rear cut hole edge right at the rear engine compartment seal and as inboard as possible without going into the side hood valley.

Corvette - '14-19 C7 Stingray / Z06

- The oem plastic duct connecting the back of the radiator to the oem hood vent is no longer needed and must be removed.
- The center hood louver kit must be carefully located to properly fit over the oem vent and hoods body lines. Carefully measure the louver and the hood prior to locating the template on the hood and marking the cut lines.
- The side hood louver kit will be located just on the sides of the center kit. The side hood louver kit for the Z06 will need to be curved slightly to conform to the hood's surface.
- The C7 top fender louver kit will have two bend lines on the template which need to match the body lines of the fender when locating the template.

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Supplemental Instructions

Honda Civic - '05-15

- On Civics such as the 2005-2015 models with extremely low hood/windshield angle the high pressure zone is much smaller therefore Louver kits should be installed 2" behind the radiator per the regular instructions however louvers may extend closer to the windshield than 20" as noted in the instructions.

Civic - Type R '17-21

- The center hood louver kit should be installed with the rear edge flush with the front edge of the oem center scoop.
- The side hood louver kit should be installed with the front edge right behind the airbox seal.
- The large one piece center kit is designed to replace the oem center scoop. When locating the template on the hood the rear edge should be approximately 1/2" behind the rear edge of the oem scoop hole.

Mitsubishi Evo 8/9

- This two piece kit is designed to be joined together with the included center strip to form one large center kit. During installation the templates should be taped together to form one large template and when locating on the hood should be kept as rearward as possible. This places the louvers directly behind the radiator and not too close to the high pressure zone at the cowl for maximum efficiency. This kit is designed to replace the entire raised area around the oem vent.

Mitsubishi Evo 10

- When locating the templates on the hood the front inside corner should be about 4" apart and the rear inside corner should be within 1/4" of the oe center vent and washer fluid squirter, this places the louvers in the optimum position behind the radiator. If desired the inside front part of the louver frame may be slightly bent to match the oe horizontal body line.

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Supplemental Instructions

Mazda Miata - '90-97 NA / '99-05 NB

- The center louver kit must be installed with the center rear edge 7" from the back of the hood. This places the louvers directly between the radiator and engine.
- The side louver kit can be installed with the rear edge flush with the rear edge of the center louver kit or the front edge flush with the front edge of the center louver kit depending on customer preference.

Mazda Miata - '06-15 NC

- The center louver kit must be installed with the center rear edge flush with the center front edge of the hoods center recessed body line. This will place the louvers between the hood latch structure and hoods recessed body line without altering them.
- The side louver kit should be installed with the front edge flush with the center louvers front edge or can be an inch or two rearward depending on customer preference.

Camaro - '93-97

- The louver pair is designed to be installed in the center of oem hood forward of the oem rear hood vents. It is recommended the oem rear hood vents remain sealed and non functional.

Challenger - '08-22

- Challengers equipped with the redeye dual snorkel intake hood should install the hood louvers on top of the two raised snorkel areas of the hood just behind the ram air cavity within the hood. This keeps the ram air sealed while allowing the louvers to pull hot air from the engine bay.

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Supplemental Instructions

BMW M3 - '00-06 With Center Bulge

- The center louver kit is designed to be installed on the forward part of the raised center section of the hood. This places the extractor just behind the radiator in the optimum position.
- The side louver kit should be installed with the rear edge flush with the rear edge of the center louver kit and/or flush with the rear edge of the oem vent hole.

Supra MK5 GT4 Style

- The GT4 style kit comes as a two piece kit and comes with a center connector for a one piece assembly. If using this kit on an oem non vented hood use the supplied template to cut two holes in the hood and mount the louver butted together without the center connector. If using this kit to replace an existing vent, use the supplied template to cut the perimeter for one hole in the hood and mount the louver with the center connector.