

# */// Race Louvers*

Professional R&D - Wind Tunnel Tested - Track Proven

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Grill Blocker Installation Instructions

Thank you for choosing Race Louvers. Our Grill Blockers are designed to restrict the sides of the front grill openings which increase front downforce and reduces drag when used with our Hood Extractors. Below are detailed instructions on how to install Race Louvers Grill Blockers. If at any point you need assistance please give us a call. Race Louvers is not responsible for any damage resulting from the installation or use of any Race Louver products.



### **Whats in the box**

- Roll of black tape
- (2) 12"x24" cardboard sheets
- (2) 12"x24" black textured ABS plastic sheets
- 36" of 2" wide black hook and loop
- (20) 14" black zip ties
- Decals
- Instructions

### **Recommended Tools**

- Tape measure
- Shears and/or heavy duty scissors
- File or sand paper
- Drill with assorted bits

### **Establishing the Maximum Grill Blocker Size**

1. Add 1 piece of the supplied black tape to the outside edges of the front grill openings to restrict the airflow and operate the vehicle. DO NOT OVERHEAT THE VEHICLE.
2. Repeat step 1 until coolant temperatures increase slightly above the thermostat temperature rating. Remove 1 piece of masking tape and this would be the maximum grill blocker size.

### **Choosing the Grill Blocker size**

- For Track Cars looking for maximum front downforce make the grill blockers as big as the maximum grill blocker size established above.
- For High Performance, HPDE or TT cars you can make maximum size grill blockers that are removable to switch between street driving and track driving or simply find a grill blocker size you are comfortable with.

### **Fitting the Grill Blockers**

1. Using the supplied cardboard, cut with scissors to the shape of the taped portion of each grill section. Trim all pieces as needed for fitment.
2. Using the cardboard templates as a guide, cut the ABS plastic with the textured side facing out to form grill blocker pieces.
3. Using a file or sandpaper smooth the edges of the ABS plastic.
4. For permanent installation, use a drill and zip ties to secure to grill.
5. For temporary installation, use 2" pieces of hook and loop to secure to grill.

Note: Grill blockers should have supporting structure behind them such as the OE grill slats or wire mesh commonly found on race cars and should be mounted flush or recessed.

Note: If at any point the engine coolant temperatures are higher than desired or exceed the thermostat temperature rating the grill blockers can simply be trimmed to increase the grill opening for more cooling.

### **Congratulations! Your Grill Blockers are now installed.**