

# */// Race Louvers*

Professional R&D - Wind Tunnel Tested - Track Proven

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C7 Corvette Wind Tunnel Test Data

Welcome to Race Louvers. Here we tested our C7 Corvette RT Track Trim center and side hood louver kits, the oem hood vent as well as no hood vent for a reference.

Test car prep level:

- C7 Corvette
- Tunneled front splitter
- Pair of small canards
- Race Louvers Hood Extractors
- Race Louvers Top Fender Extractors
- 3D rear wing
- Aluminum rear diffuser

Hood vents tested:

- stock hood no vents
- stock hood with oem vent
- Race Louvers RT Track Trim louvers

Test procedure:

- Simply swap out hood vents with no other changes for back to back testing

Conclusions:

- Race Louvers offered significant front downforce gains over the oem vent plus a boost in radiator cooling.

Video here: <https://youtu.be/SeNu0zjrTO8>

**Wind Tunnel Front Downforce**

C7 Corvette. OE Grill Opening.

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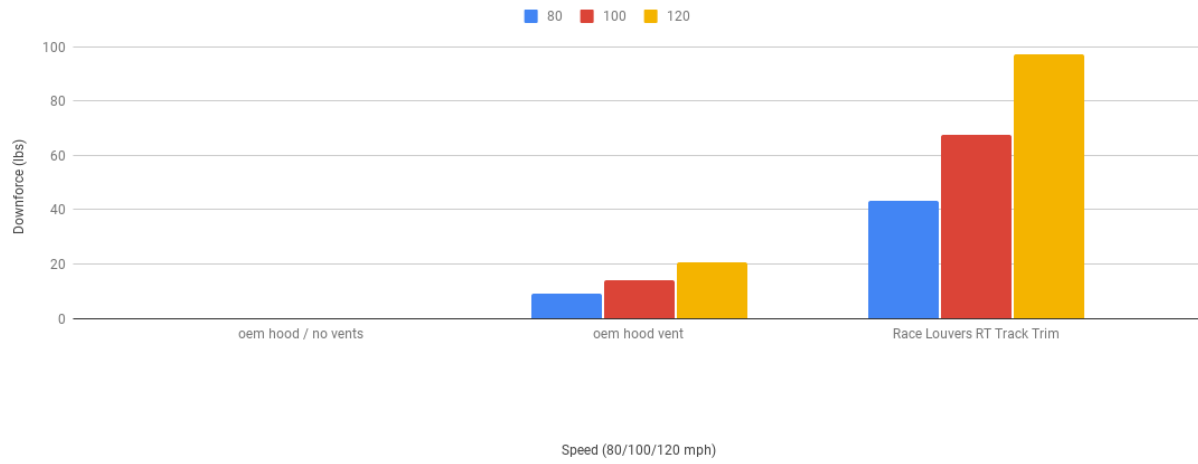


Fig 1. Front Downforce

**Wind Tunnel Drag**

C7 Corvette. OE Grill Opening.

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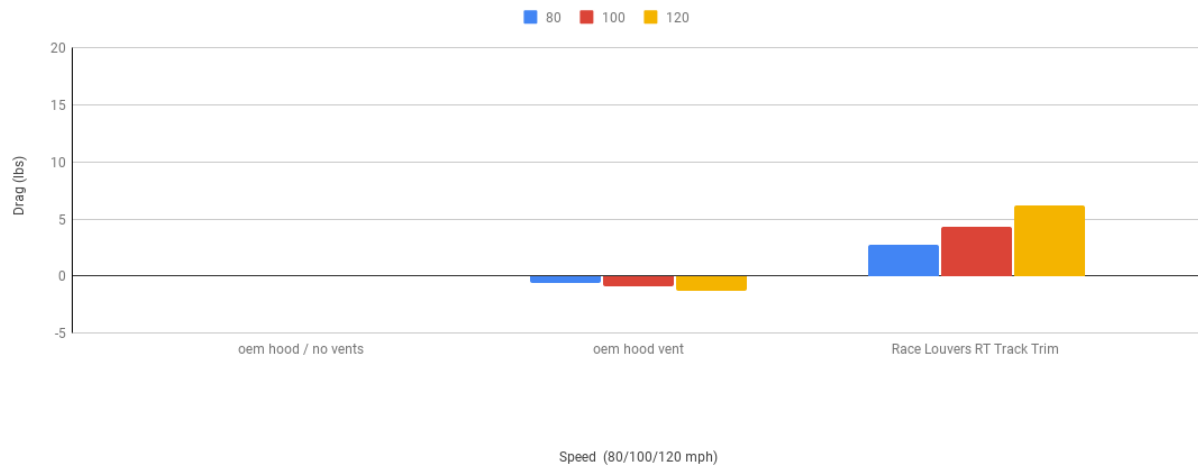


Fig 2. Drag

Wind Tunnel Radiator Differential Pressure Percent Increase (Cooling Air Flow Increase)

C7 Corvette. OE Grill Opening.

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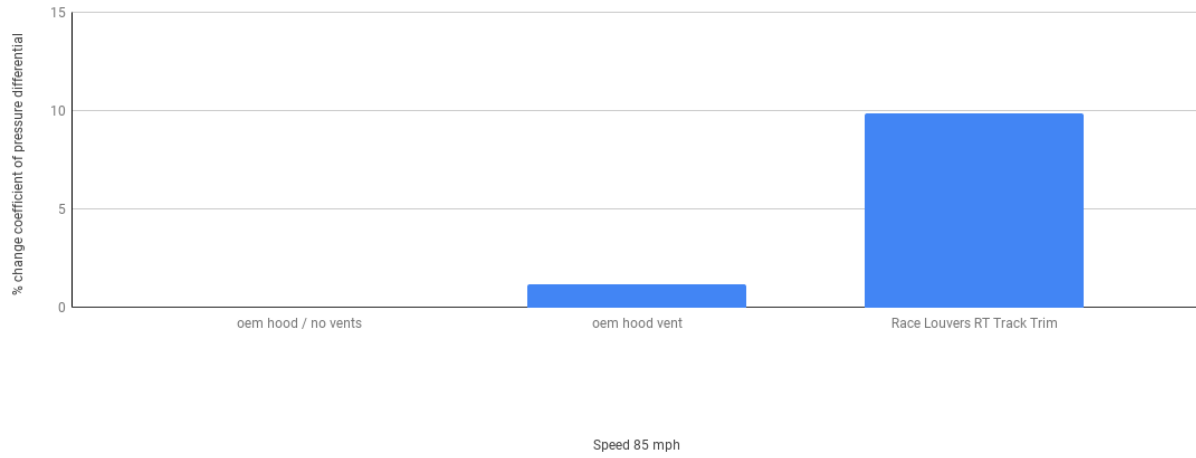


Fig 3. Radiator Cooling Airflow Increase



Baseline - No hood Vent





OEM Hood Vent



Race Louvers RT Track Trim Center & Side Hood Extractors

