

/// Race Louvers

Professional R&D - Wind Tunnel Tested - Track Proven

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Subaru Impreza Wind Tunnel Test Data

Welcome to Race Louvers. Here we tested a 1995 Impreza track car, specifically a CF extractor hood vs our Race Louvers.

Test car prep level:

- 1995 Subaru Impreza L, turbo, FMI
- OEM Radiator location
- Oil cooler located behind driverside headlight
- AJ Hartman Aero Apex 8 swan wing
- Splitter with a pair of small tunnels
- Heat extractor cf hood
- Fender vents

Hood vents tested:

- Stock hood no vents
- CF extractor hood
- Race Louvers RT Track Trim 3pc hood louver set

Test procedure:

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

Conclusions:

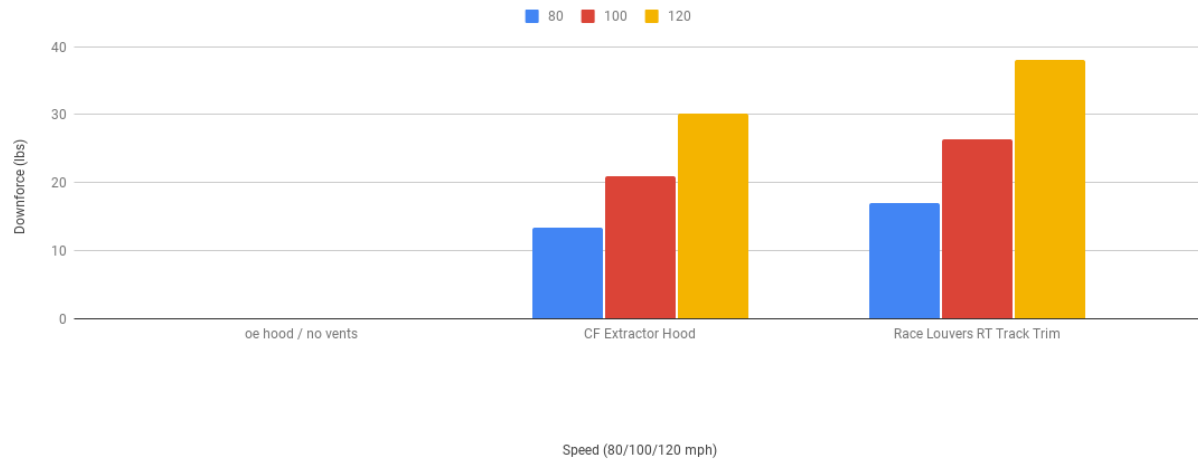
- Race Louvers, best cooling and front downforce gains

Video here: <https://www.youtube.com/watch?v=1nM05ALYjnM>

Wind Tunnel Front Downforce

1995 Subaru Impreza

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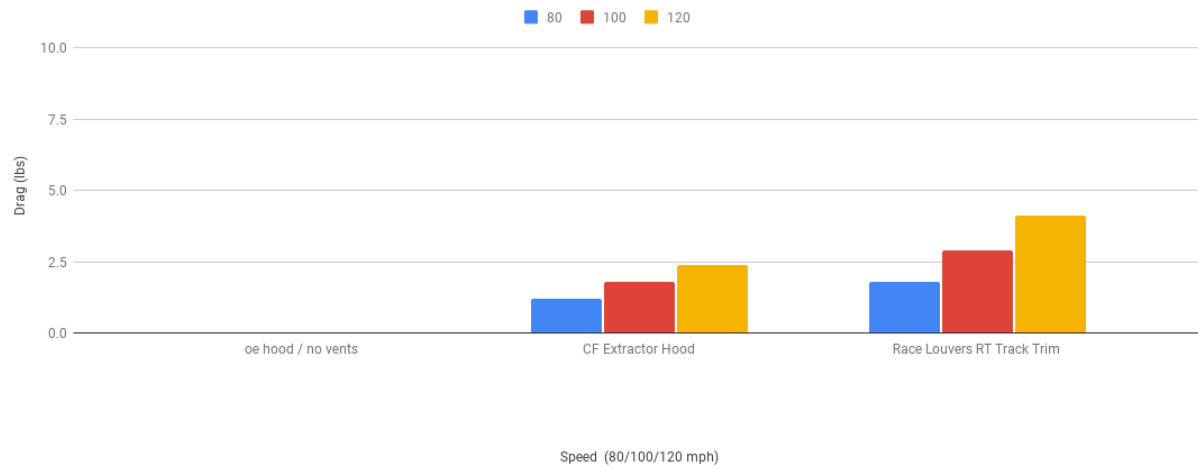


Front Downforce

Wind Tunnel Drag

1995 Subaru Impreza

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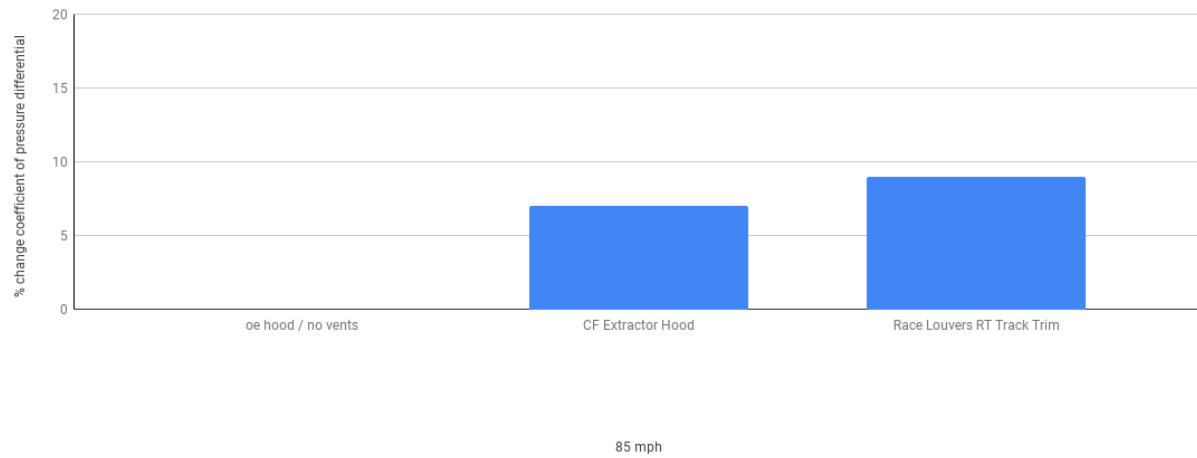


Overall Change In Drag

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

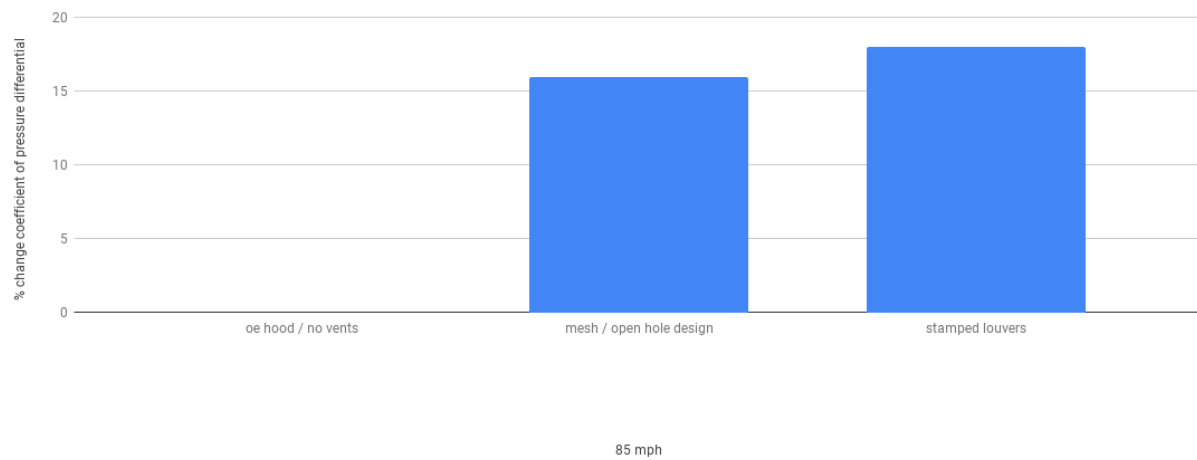
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**Radiator Cooling Airflow Increase****Wind Tunnel Oil Cooler Differential Pressure Percent Increase (Air Flow Increase)**

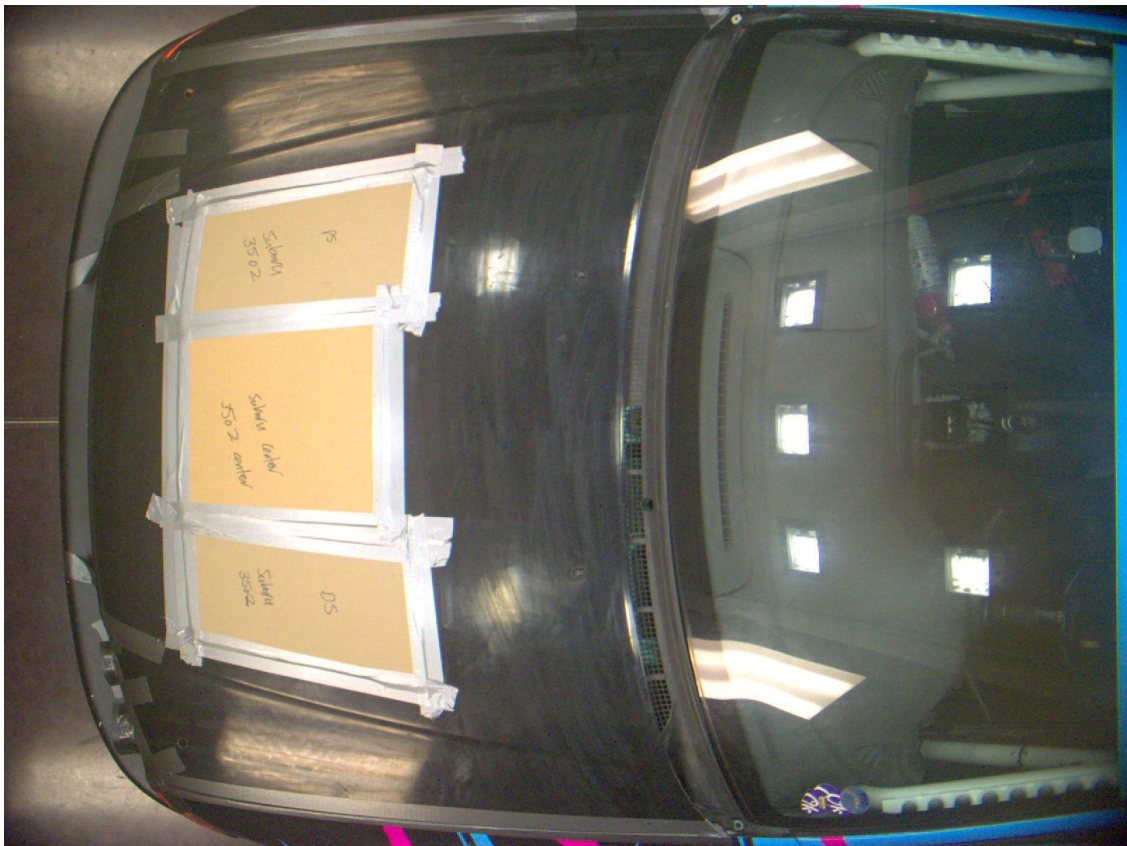
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**Oil Cooler Airflow Increase**



Baseline - No Hood Vents





CF Extractor Hood





Race Louvers RT Track Trim 3pc Setup

