

SUBARU WRX INTERCOOLER UPGRADE TRAINING

Garrett
ADVANCING MOTION

2015+ Subaru WRX 2.0L



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PN: 891185-6001

Supports up to 530 Horsepower

**Not engineered to fit any other applications*

Construction

Cast aluminum end tanks

Advanced offset fin design

TIG welded for improved strength

Vacuum brazed bar-and-plate design

70% larger aluminum intercooler core



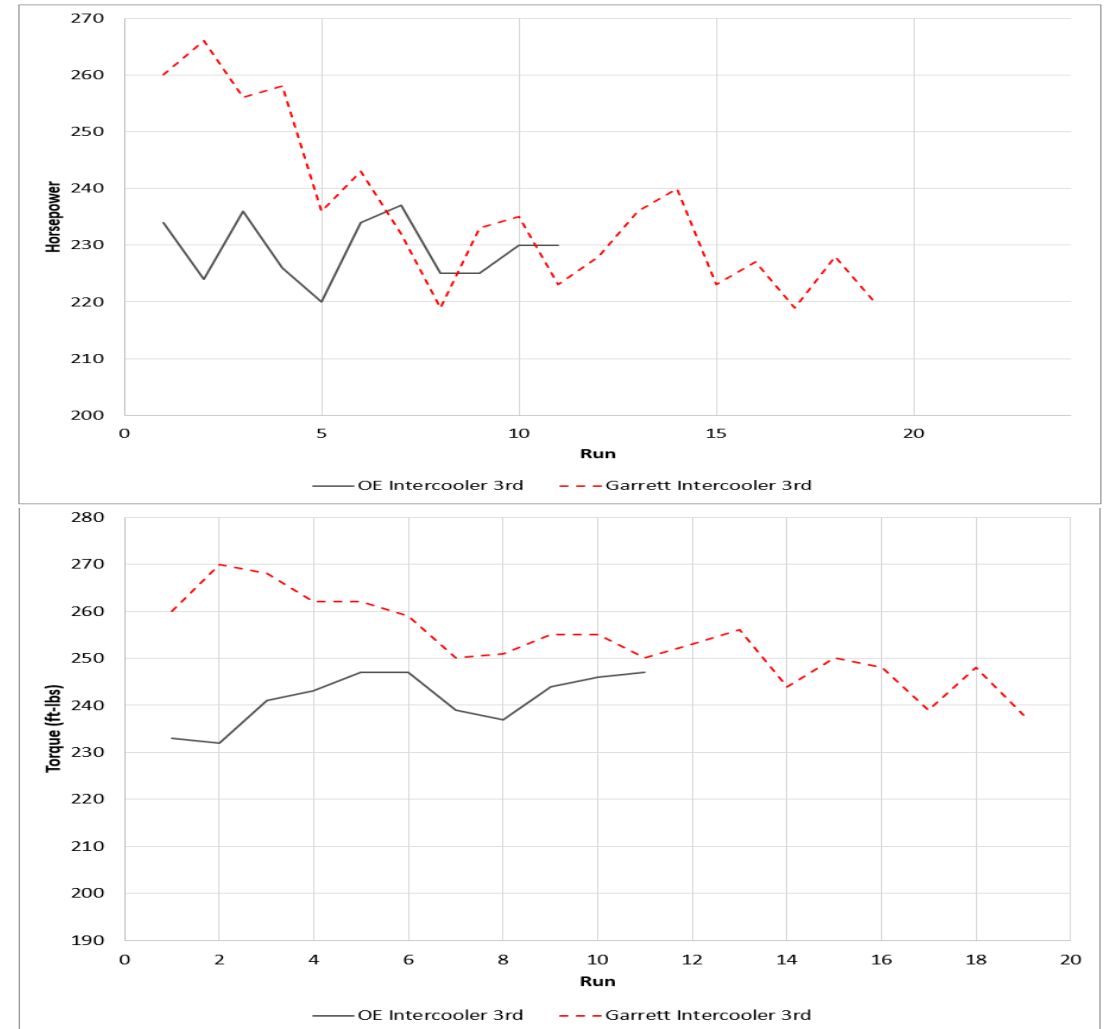
Performance: Dyno Testing for Heat Saturation



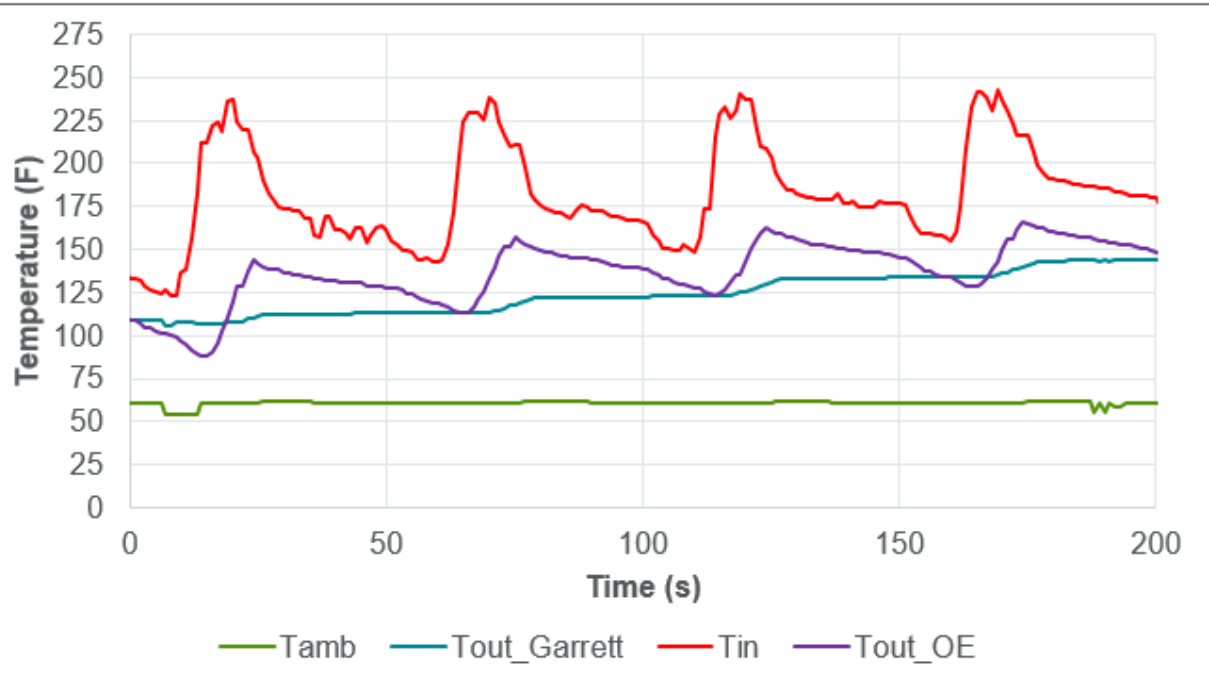
Multiple back-to-back dyno pulls in a wind tunnel to simulate real world driving conditions.

****Air velocity is synchronized with vehicle speed****
30 °F intake manifold temperature reduction

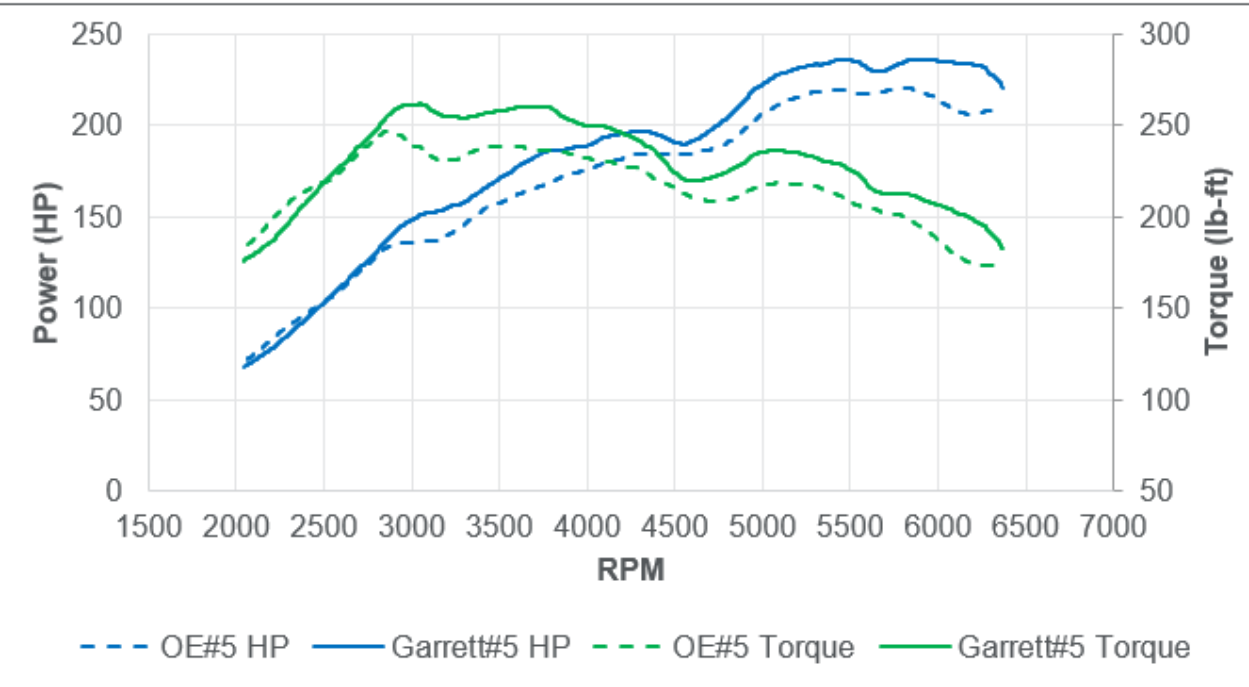
Heat soak/saturation identifies the limit at which a CAC can no longer reduce charge air temperatures going into the engine.



Performance: Dyno Testing for Horsepower



Up to 30 °F intake manifold temperature reduction



16 HP and 15 lb-ft performance gain