

DESIGN:

-CORE VOLUME-

Stock Intercooler: 250ci (exposed core face)

EC Intercooler: 376ci (exposed core face)

This was calculated using the parts of the core that are **actually exposed to air flow**. Competitors claim core volumes of 450 or more, but these include parts of the intercooler exposed to almost zero front air flow. Our core area is 100% exposed to air flow, maximizing all 376ci of volume.

-WEIGHT-

Stock Intercooler: 18.4 lbs (total)

EC Intercooler: 10.8 lbs (total)

-BAR & PLATE CONSTRUCTION-

-SILICONE PIPING-

This intercooler kit comes with high quality, pure grade silicone piping. 4 Layers of durable silicone reinforced with rip stop protection, preventing tears, leaks, or blowouts.

-Max Temp: 600 F

-Max Pressure: 85-100psi

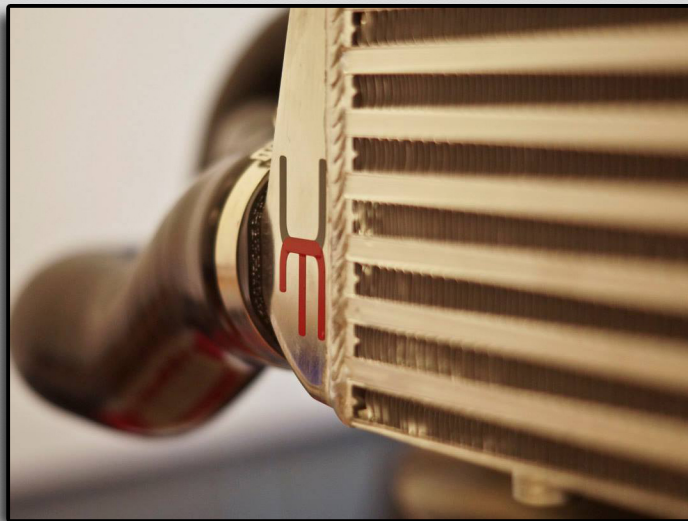
These silicone pipes connect the turbo directly to the intercooler, and the intercooler directly to the chargepipe near the boost pressure sensor. Continuous flow, zero leak points like the stock system.

-INSTALLATION-

This intercooler kit comes complete with detailed instructions and all necessary hardware. No cutting or drilling into the vehicle required.

-Two Silicone lines (1 line from turbo to inter-cooler) (1 line from Inter-cooler to Boost/charge pipe)

-Will include (zero drilling) brackets





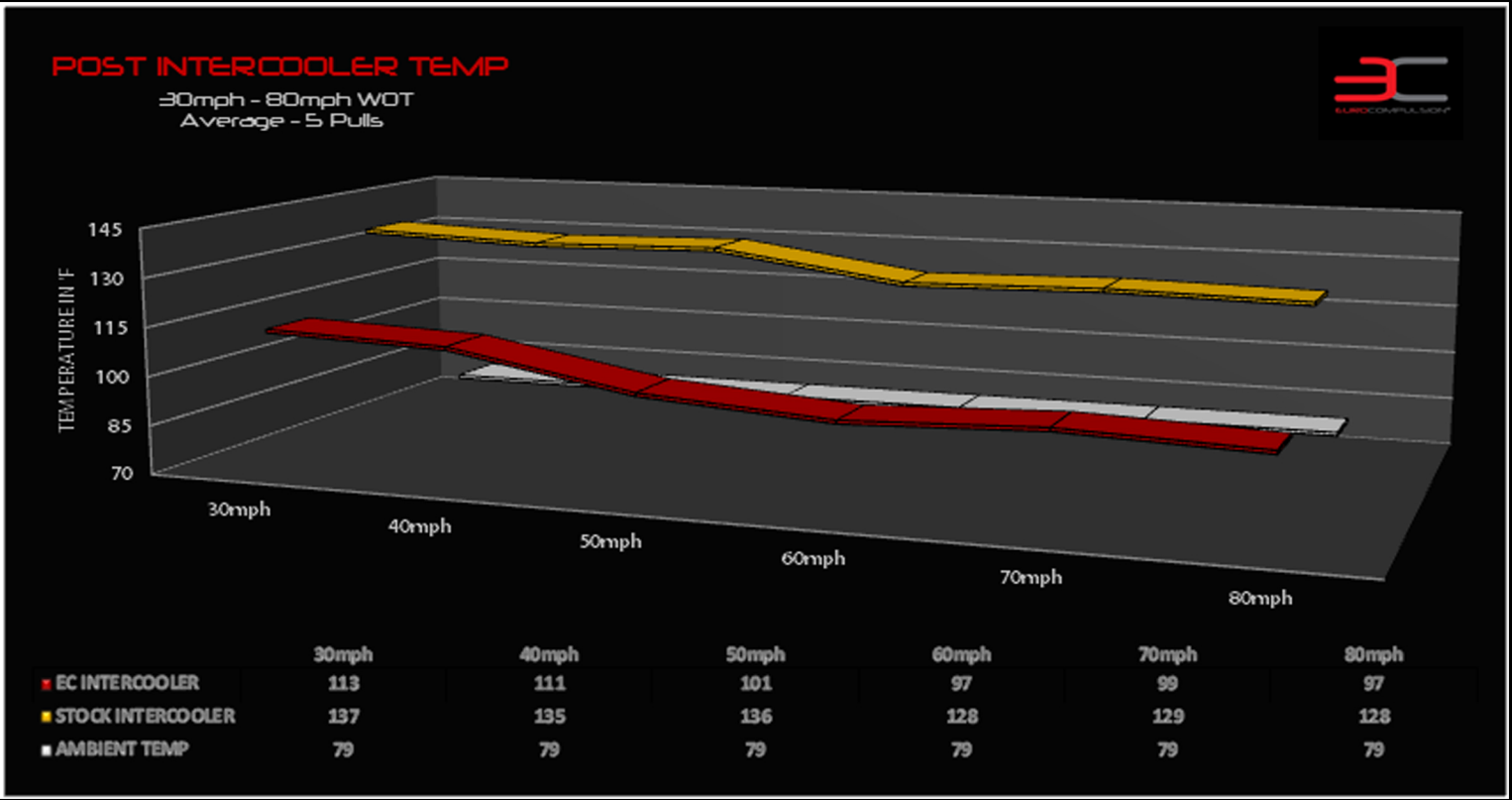
EUROCOMPULSION

V 1.0

TECHNICAL INFO
FRONT MOUNT INTERCOOLER KIT
FIAT 500T/ ABARTH MY2012-2015

TESTING DATA:

Intercooler testing was done through a series of sessions. The first test was a series of back to back 30mph-80mph full throttle runs, showing a peak boost of approximately 25psi. Results below for post intercooler temperatures shows the EC INTERCOOLER on average was 20-30 degrees F closer to ambient than the stock intercooler.



Average pressure drop was calculated and tested at various running pre-intercooler boost pressures. On average, we observed that the **EC intercooler experienced 11.7% less pressure drop than the stock intercoolers.**

