

3.5L / 2.7L Ford F150 Direct Fit Performance Charge Air Cooler Training



2015+ Ford F150

2.7L / 3.5L Ecoboost engine platform

PN: 870702-6001

C.A.R.B. EO# D-794

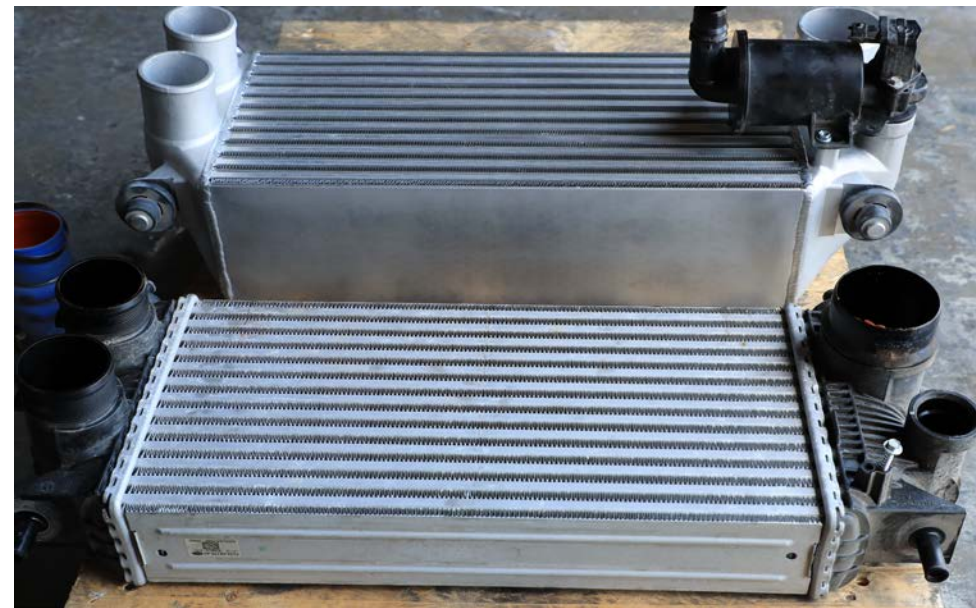
Supports up to 750 Horsepower

Drain plug to relieve condensation

**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
- 83% larger aluminum intercooler core
- Up to 30 degree reduction in charge air temp



C.A.R.B. Approved:

Granted by the California Air Resource Board (C.A.R.B), executive order **#D-794** allows the **870702-6001** direct fit performance charge air cooler to be used on specific emission controlled vehicles.

California is the only state that is permitted to issue emissions standards with an approval from the Environmental Protection Agency.

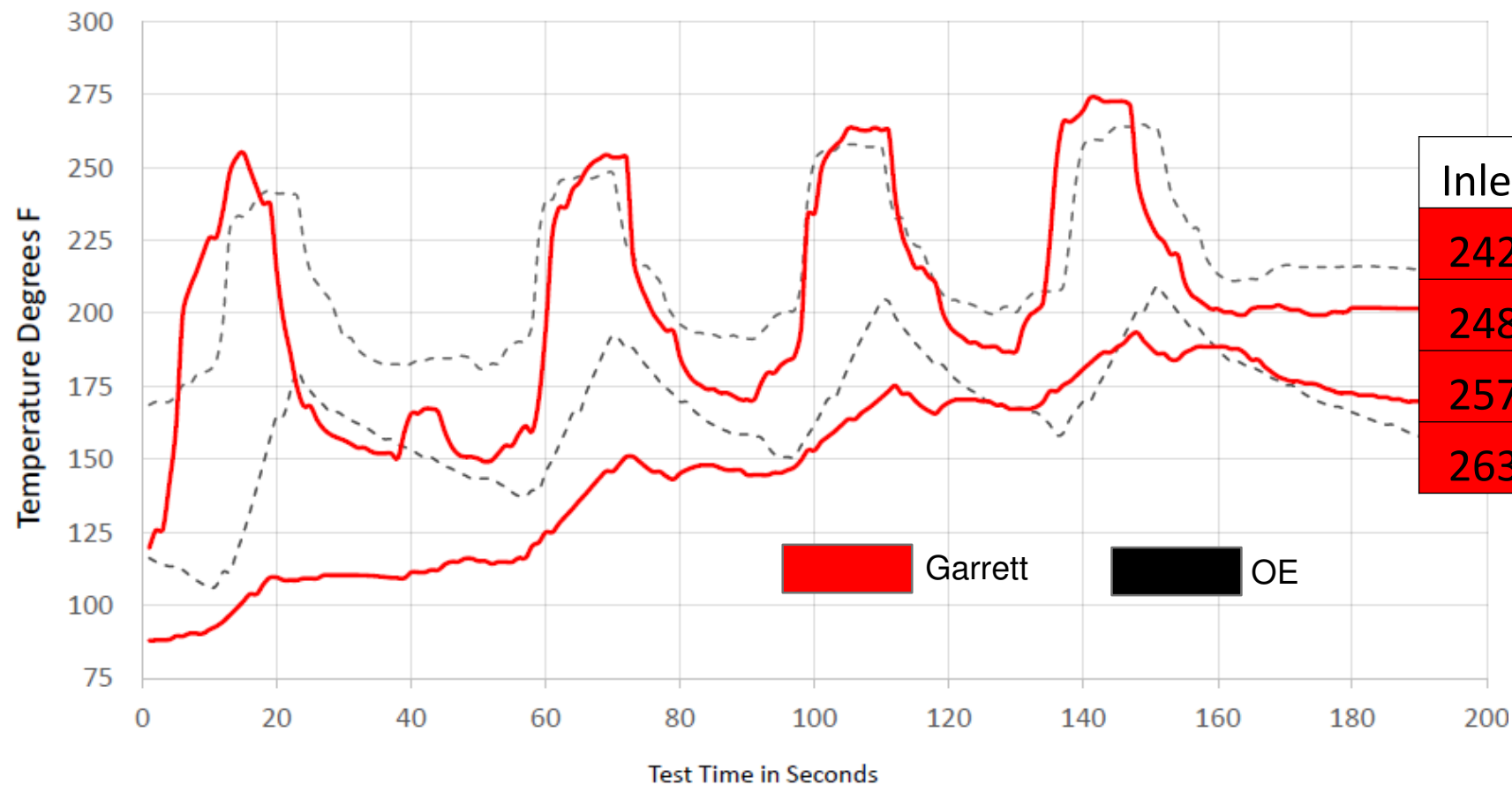
Obtaining a C.A.R.B certification identifies this intercooler will not increase vehicle emissions.



<https://arb.ca.gov/msprog/aftermkt/devices/eo/D-794.pdf>

Performance: Dyno Testing

Ford F150 Direct Fit Performance Intercooler Test vs OE

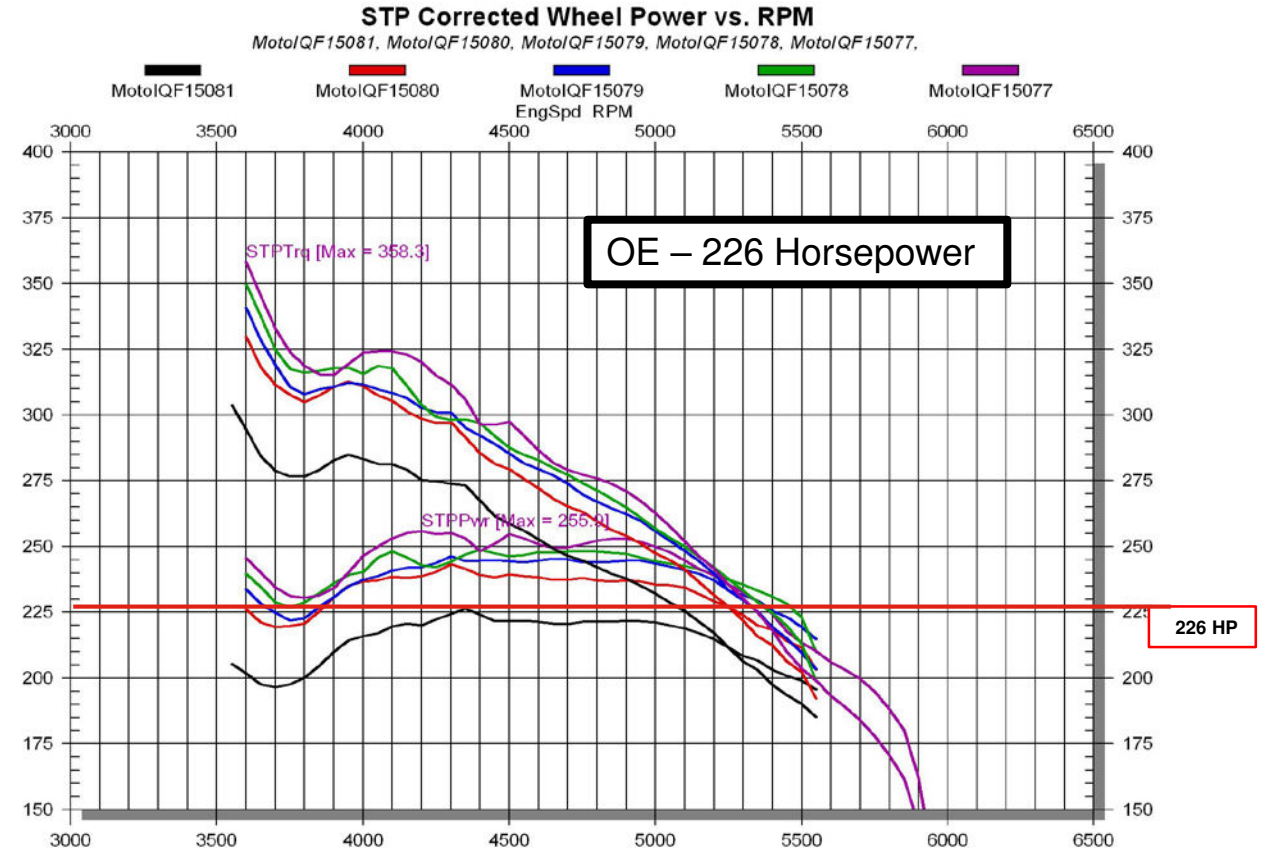
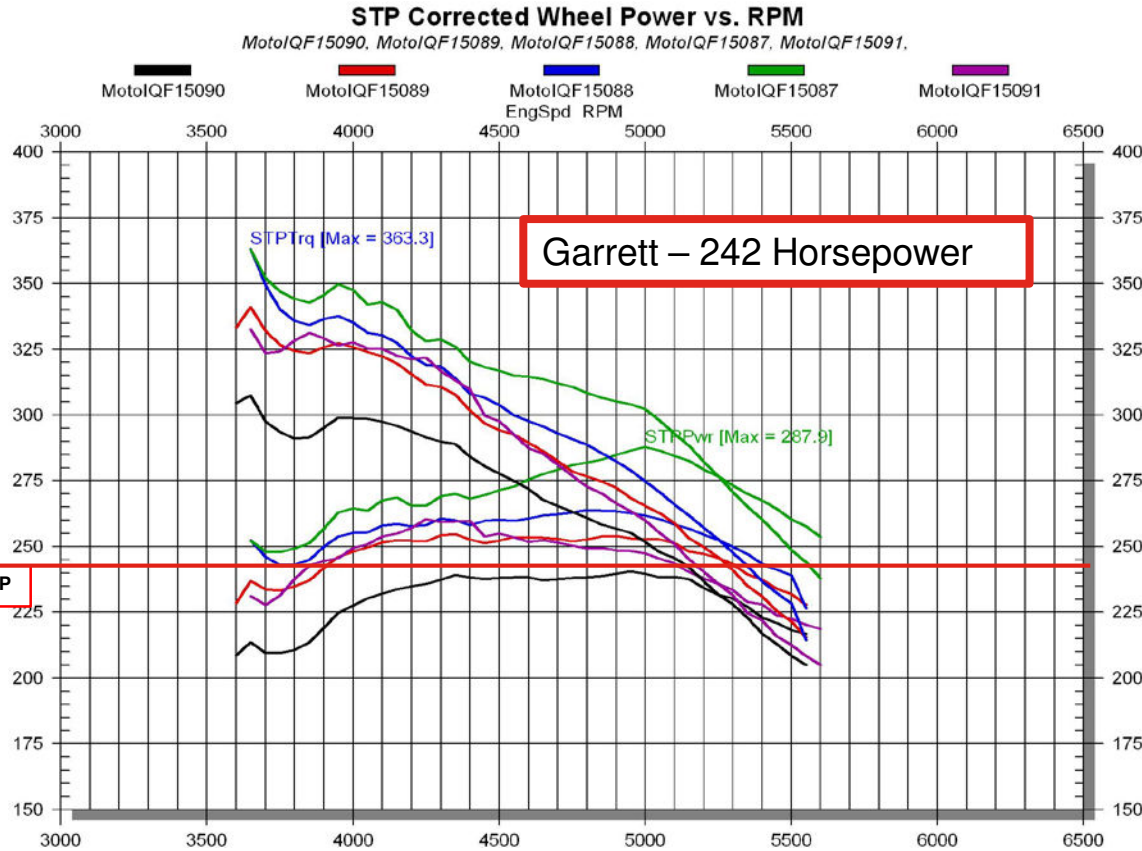


OE	
Inlet	Outlet
242	157
248	193
257	204
263	209

	Garrett		
	Inlet	Outlet	Diff
P1	255	101	56
P2	254	146	47
P3	263	164	40
P4	274	185	24

Dyno Graphs

+ 16 horsepower increase over OE at full heat saturation.



Up to + 16 horsepower increase over OE at full heat saturation.

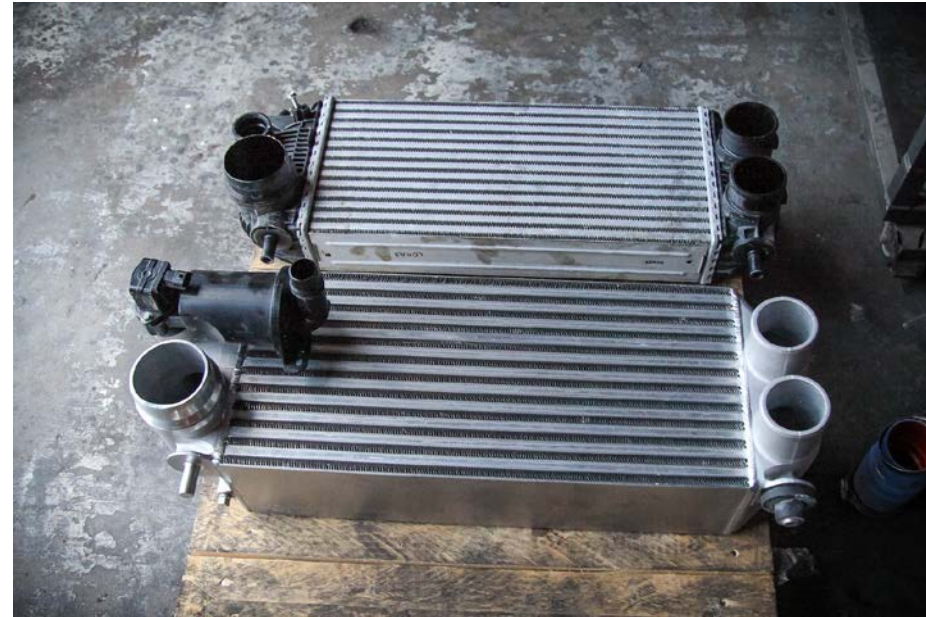
Installation:

This direct fit performance charge air cooler installs in one and a half hours using basic hand tools

Reuses the factory hoses, clamps, bolts

Can be installed without removing the front bumper

Intercooler comes with a new screw for the blow off valve bracket



1.5 Hour Installation Time

Drain Plug Feature

The Garrett direct fit performance charge air cooler comes with a fully machined drain plug to relieve condensation buildup commonly found in the F150 platform. The bolt can be removed with a **3/8 open ended wrench**.

Installers can test for condensation by turning the engine on, transmission in park, remove the bolt and place a catch can under the opening. Observe for any fluids. If fluid is present, gently rev the engine several times to dispel. Be sure to dispose of fluid with your local waste management facility.

