



400 RWHP / 470RWTQ EcoBoost Turbo Swap Adapter Installation Kit

2011-Up 3.7L V6 Mustang
2011-Up 3.5/3.7L V6 F-150

There has been a lot of interest in installing the EcoBoost F-150 twin turbos on 3.7L Mustangs F-150s. Its not a direct swap for a number of reasons but with our **EcoBoost Twin Turbo Swap Adapter Installation Kit**, we make the installation of the EcoBoost F-150 twin turbos on your 3.7LV6 Mustang or F-150 engine EASY! Now, you can have the torque and instantaneous throttle response that EcoBoost engines are famous for in your V6 Mustang or F-150 for the ultimate street turbo system at a fraction of the cost of what a custom twin turbo kit would normally cost.

Our adapter kit includes the following:

- CNC steel adapter plates and hardware to mount the EcoBoost turbos/manifolds to your engine
- Coolant supply fittings and hose assemblies
- Coolant return fittings and hose assemblies
- Oil supply fittings and hose assemblies
- Oil return fittings and hose assemblies
- Detailed installation instructions
- **\$850**
- To complete your twin turbo system, we provide a detailed complete system parts list with sources, part numbers, etc for the turbos, manifolds, intercooler, BOV, boost management, charge pipes, cold air, couplings, clamps, injectors, etc to simplify the build of your own twin turbo and save thousands in the process.
- To make installation easy, we also provide detailed installation instructions of the complete twin turbo system!

The salvage yards are full of totaled EcoBoost F-150s, they are literally throwing the EcoBoost turbo parts in the trash, this means you can buy these dirt cheap. Add to that parts listing we provide and you pretty much can build a complete twin turbo kit relatively inexpensively for somewhere around \$3500 (not including tuning) and achieve horsepower and torque levels equivalent to the 3.5L EcoBoost engines!

Tuned conservatively for a daily driver with at 8PSI on 93-octane pump gas produces ~**360RWTQ** at 4000RPM for street ripping fun. For weekends or track fun, simply change the tune, set boost to 12PSI max and run E-85 for ~**470 RWTQ!**

BIG savings on a twin turbo system capable of 470 RWTQ!

Check out the dyno charts and drag strip time slips below for real-world comparisons of several popular set-ups, including the EcoBoost F-150, a ProCharged 3.7 Mustang and the EcoBoost Twin Turbo Swap kit at 8.

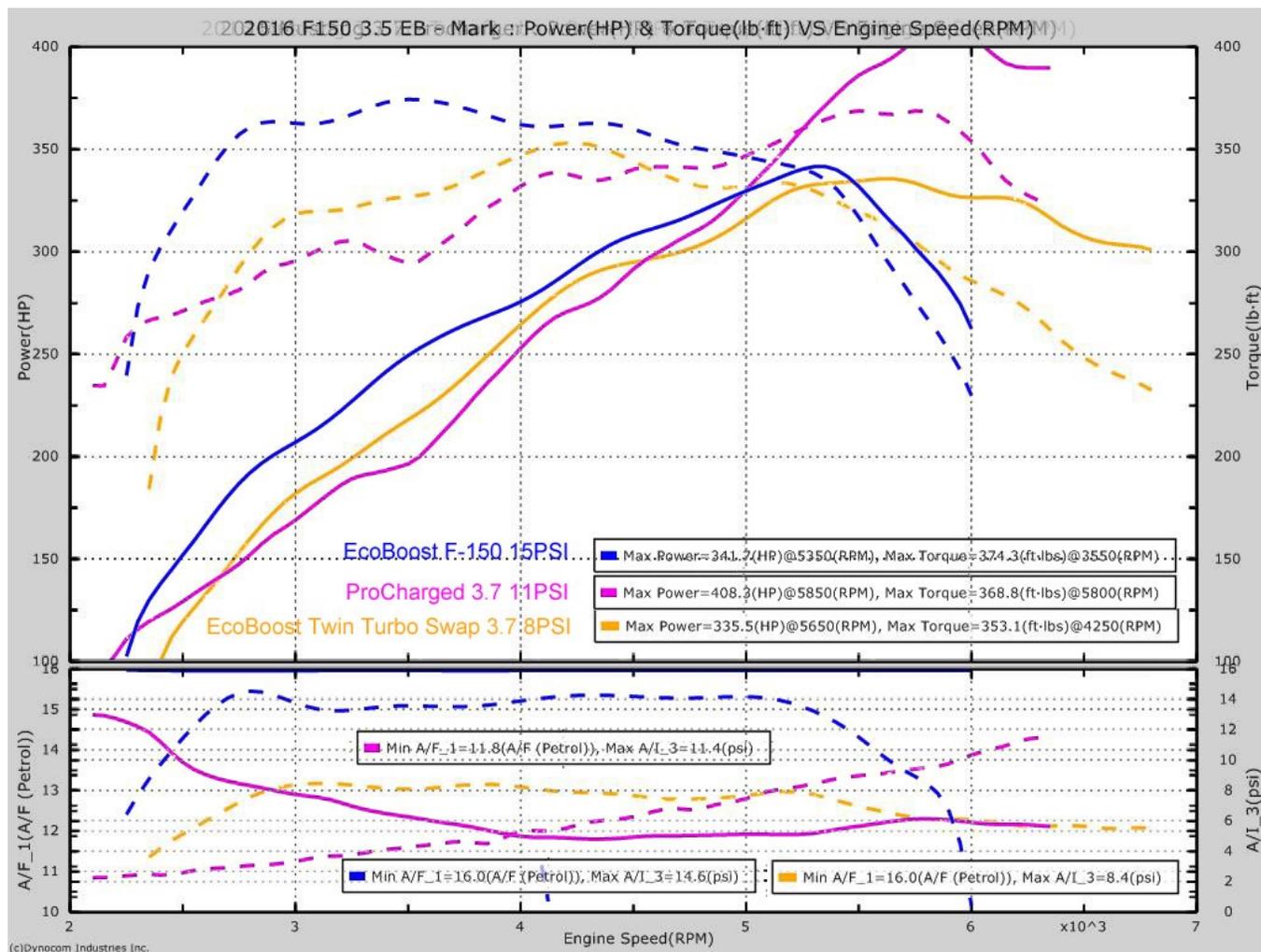


SUPER SIX MOTORSPORTS



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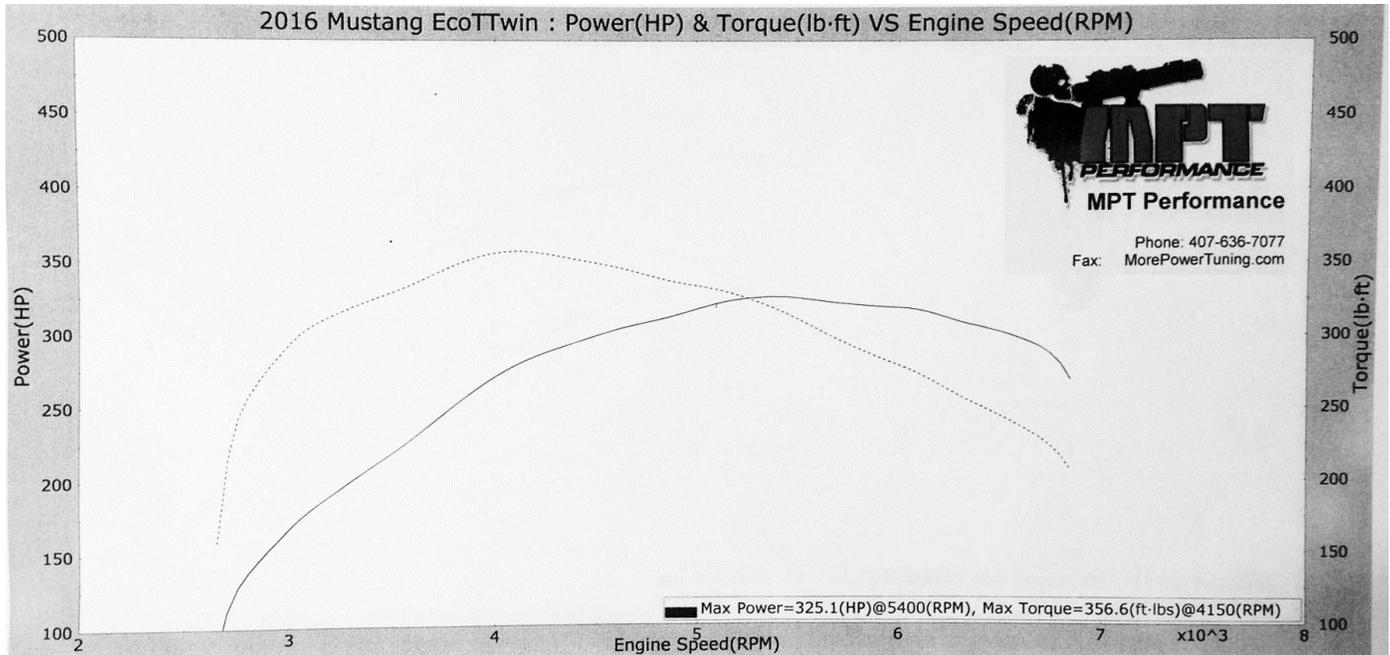
The dyno chart below, courtesy of MPT Performance, provides a comparison of a stock automatic 2016 3.5L EcoBoost F-150 at 15PSI, a Procharged automatic 3.7L V6 Mustang with ported upper and lower intake manifolds, BBK short headers, FlowMaster mufflers and aluminum driveshaft at 11PSI and an otherwise stock automatic 2015 3.7L V6 Mustang with the EcoBoost Twin Turbo Swap at 8PSI. All tests on the same dyno at MPT Performance. As this chart shows, the EcoBoost twin turbo swapped 3.7L V6 Mustang at an engine saving 8PSI makes almost the same power as the EcoBoost F-150 at 15PSI. This shows the efficiency of this system at the relatively low boost level it was designed for. The ProCharged automatic 3.7, with its modifications and increased boost, makes more horsepower way up high in the RPM range, but at the expense of low and mid RPM torque which is so important in a quick and fun-to-drive street car.



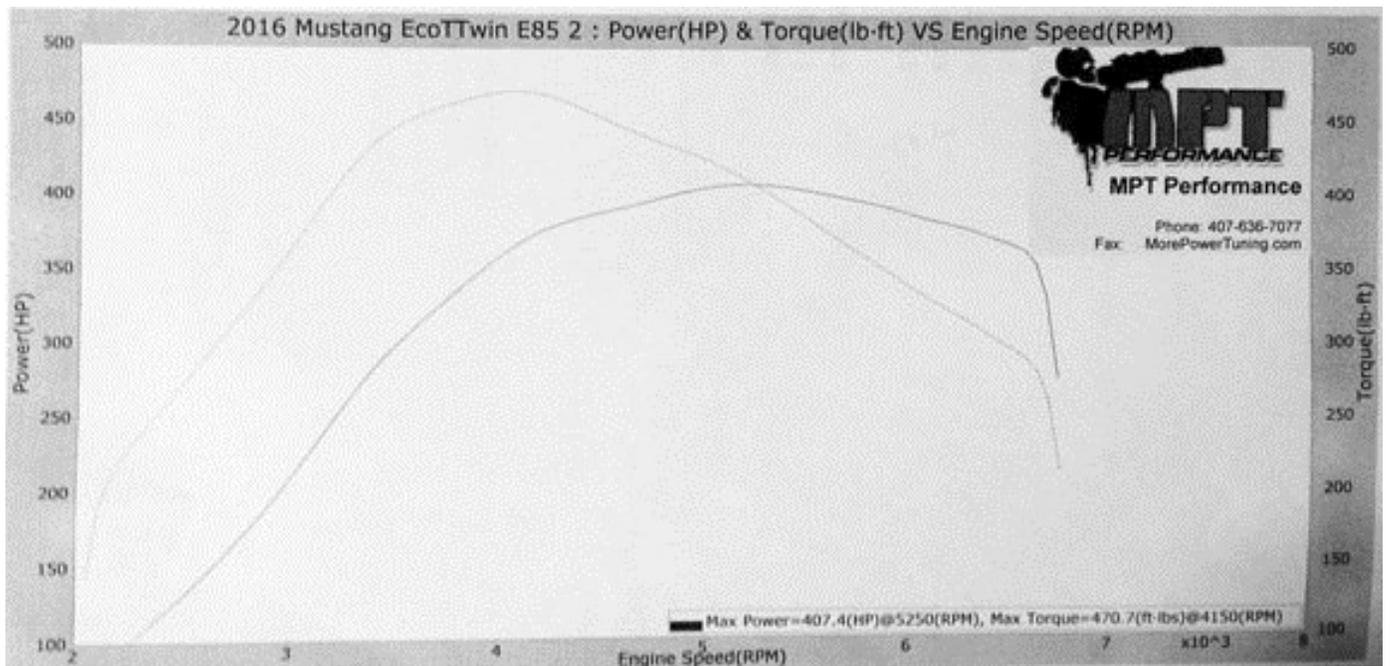
For those who want even more performance from their EcoBoost Twin Turbo swap, with the addition of a simple water/methanol injection kit and revised tuning, even more power and torque is available with increased boost levels on pump gas. You can also increase performance by using ported turbo exhaust manifolds and ported turbo exhaust adapter flange and step the exhaust system down pipe size up to 2 1/2 or 3" and add exhaust cutouts to eliminate downstream exhaust restrictions.

The dyno charts below shows a comparison of the EcoBoost Twin Turbo Swap system on an automatic 2015 3.7 Mustang at 2 different conditions. First is the system at 8PSI on 93-Octane pump gas, the second is the same car, except boost increased to 12PSI via the boost controller, the fuel changed to the popular E-85 with the E-85 specific tune installed. Changing to E-85 and its tune-up results in torque increases of 100+ ft-lbs measured at the rear wheels for tire-frying street fun. Please note that MPT Performance has 93-Octane pump gas and E-85 tunes available to make it easy to change fuels as desired.

2015 3.7L V6 Mustang, EcoBoost Twin Turbo Swap Kit, 8PSI, 93-Octane



2015 3.7L V6 Mustang, EcoBoost Twin Turbo Swap Kit, 12PSI, E-85



The timeslips below represent the difference in performance between a ProCharged 2015 3.7L V6 Mustang at 12PSI with stock gears and automatic trans and an EcoBoost Twin Turbo swap kit installed on 2013 3.7L V6 Mustang with automatic trans and stock gears on pump gas at 8PSI with a water/meth injection kit. As you can see from the timeslips, both cars run very similar 1/4 ET's and trap speeds but the digest difference is the 60-foot and 1/8th mile performance where the instantaneous boost of the EcoBoost swap system adds quicker 60-foot and 1/8th mile times which would be a noticeable improvement in high performance street driving.

Drag Strip Comparison

ProCharged 2015 3.7L V6 Mustang, auto,
stock gears, 12PSI

EcoBoost Twin Turbo Swap 2013 3.7L V6 Mus-
tang, auto, stock gears, 8 PSI with water/meth
injection added, pump gas

Welcome to
Silver Dollar Raceway
J. Smith Ford Mustang Day
Saturday, Oct. 1, 2016
FA ON 91.9 FM

3:07 PM
2/OCT/2016

	AAC GLASS	SUMMIT
	LEFT	RIGHT
Car # ...	492	498
Class ...	TIME	TIME
DIAL ...		
R/T132	.058
60' ...	1.996	1.880
330 ...	5.180	5.226
1/8 ...	7.820	7.893
MPH ...	93.49	91.64
1000 ...	10.066	10.161
1/4 ...	11.974	12.097
MPH ...	117.98	115.55

Left 1st .0495
Compulink AUTOSTART ON !!

Rnd # TO 393/394

..... CompuLink StarTRAK 2009

~~Ida/Rec...~~

Ov/Un ... 11762

DIAL ...	
R/T ...	1.311
60' ...	1.710
330 ...	4.929
1/8 ...	7.564
MPH ...	93.75
1000 ...	9.840
/4 ...	11.762
MPH ...	117.43

Left 1st 2.2485
Compulink AUTOSTART OFF

Rnd # TO 645/646

CompuLink StarTRAK