

TRUFLO AIR CLEANER

RC Components' newest offering got us a 5 hp gain!

I Our 2013 Police Special Electra Glide is up on Rob's dyno with the baseline dyno runs finished and the stock air cleaner and its mounting bracket removed.

MAYBE IT'S JUST ME, BUT PERFORMANCE PRODUCTS SEEM to be getting better and better looking. Check that, it's not just me. Anyone who reads this magazine can see the trend. Even though clean, utilitarian bobbers and choppers are still very much a part of the motorcycle scene, bagger riders require products with more finesse, edginess, and, of course, power increases.

We turned to a company that has been successful in delivering that touring trifecta to customers since 1989: RC Components. RC is widely known for its extensive line of wheels, offering everything from lots of flash to lots of class. But RC has also made a run at the performance market with parts designed to be just as attractive as its wheel offerings. We put RC's performance capabilities to the test this month with its new TruFlo air intake.

Our test bike is a 2013 Police Special Electra Glide, and RC Components' TruFlo Excalibur Eclipse (#ACX-01B-06E/\$419) fits the black, white, and chrome Harley perfectly.

RC offers four different styles of The TruFlo air cleaner, all of which are available in chrome, three of which are available in Eclipse, and one is available in all black. TruFlo's low-profile design tucks in tightly against our test bike's Twin Cam, which cleans up the whole look of the powerplant. Hidden breather ports are machined into the backplate so say goodbye to those little ugly hoses as well. And, yes, that's a K&N filter tucked into the billet aluminum housing, so you know this thing is capable of pulling solid numbers. We found an additional 5 hp with our 103" motor.

Why stop there? As you may have noticed, we usually do a handful of projects on one bike and run them in sequential issues. This time around, however, we're also running a Rush Economy exhaust install on this same bike in the article following this one.

Rob at Rob's Dyno Service in Gardner, Massachusetts, did the wrenching for this month's performance installs. Not only does he deliver a clean, quality installation, but he consistently nails down solid power numbers on his in-house dyno. His one-stop shop makes our lives a whole lot easier! If you're after looks as much as performance, check out the accompanying photos and captions as Rob takes us step-by-step through installing an RC Components TruFlo air intake.

TOOLS NEEDED

- Blue Loctite
- 3/32" Allen
- 3/16" Allen
- 1/4" wrench (12-point)
- 9/16" socket
- Torque wrench (ft-lbs.) ■



CAPTIONS AND PHOTOS BY CHRIS MAIDA



2 After removing the protective tape from the RC-supplied gasket, Rob secures the gasket to the side of the baseplate that faces the throttle body.



3 To install the breather supports, Rob puts one of the RC-supplied washers over one of the RC-supplied bolts.



6 The RC-supplied spacer is then slipped over the bolt, thicker side against the baseplate. Rob then does the same with the other bolt and spacer.



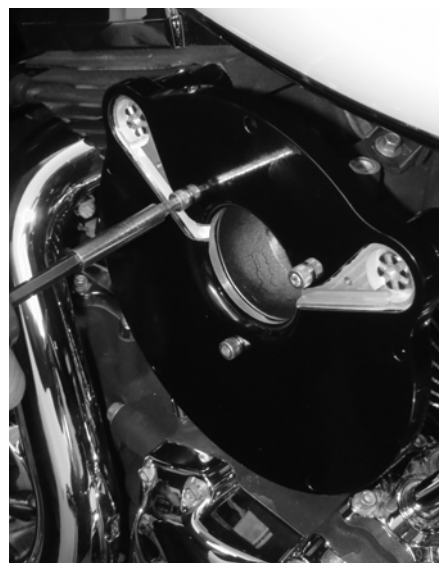
8 Rob now installs the baseplate onto the engine with the bolts just fingertight.



4 He then slips the bolt through the baseplate from the filter element side.



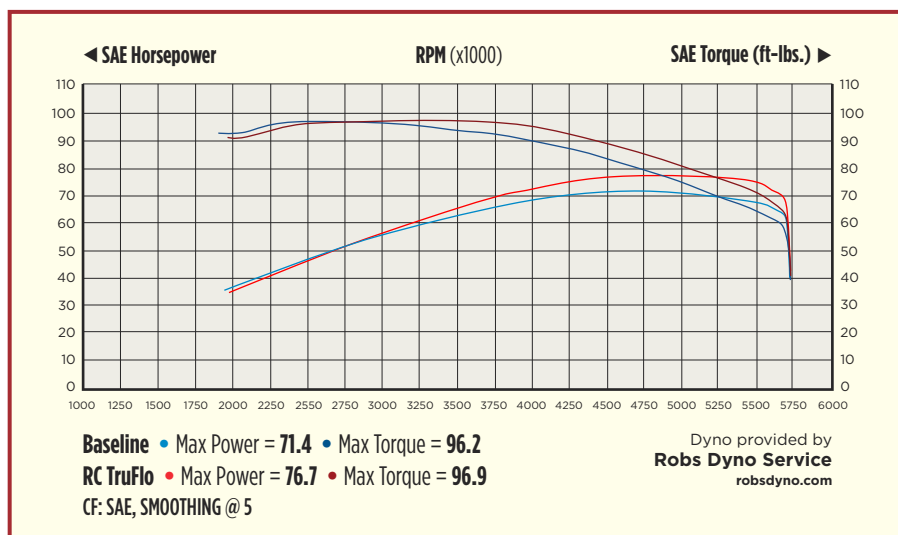
7 After Rob slips another RC-supplied O-ring onto the bolt, he puts some blue Loctite on the bolt threads.



9 After he puts a little blue Loctite on their threads, Rob installs the three RC-supplied bolts that secure the baseplate to the stock throttle body using a 3/16" Allen.



5 A RC-supplied O-ring goes onto the bolt next.





10 After he torques the three throttle body bolts to 8 ft.-lbs. using a 3/16" Allen, Rob torques the two breather bolts to 20 ft.-lbs. using a 9/16" socket.



11 Rob now positions the RC-supplied teardrop-shaped gasket in the breather bolt ports in the baseplate so the hole in the gasket aligns with the hole in the baseplate.



12 He then secures the RC-supplied teardrop-shaped plate over the breather bolt port using the RC-supplied bolt, blue Loctite, and a 3/32" Allen. He then does the same to the other breather bolt port.

dyno jet



13 Rob now positions the RC-supplied faceplate gasket onto the back of the faceplate, so the large hole in the gasket goes over the indexing pin on the faceplate.

SOURCES

RC COMPONENTS
888/721-6495
RCComponents.com

ROB'S DYNO SERVICE
978/895-0441
RobsDyno.com



14 Rob now installs the faceplate with its indexing pin at the 12 o'clock position onto the baseplate using the four RC-supplied 1/4"-20 bolts, blue Loctite, and a 1/4" 12-point wrench.



15 Here's how the finished installation looks!
MB

dyno jet