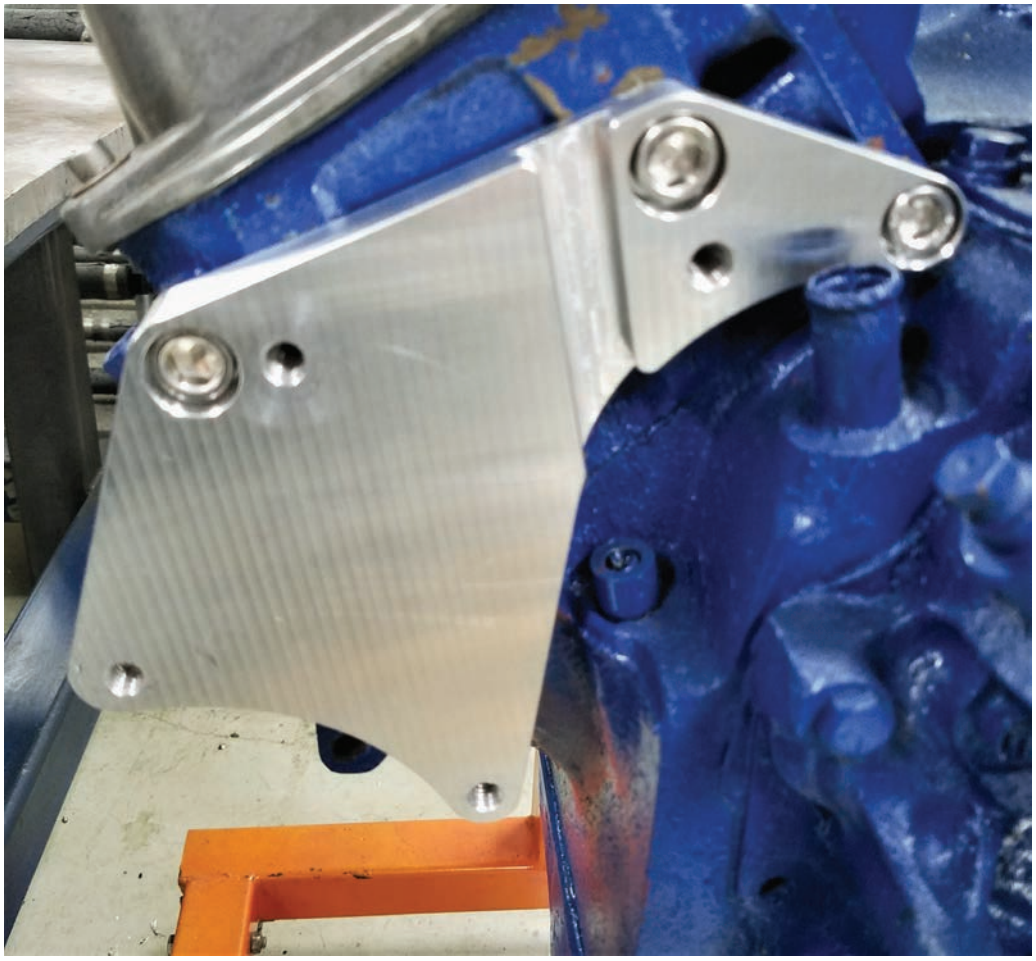

TORQ STORM
BILLET SUPERCHARGERS
FORD 351C SUPERCHARGER KIT
ARP-K-FD-351C

Installation Instructions
FORD 351C APR-K-FD-351C

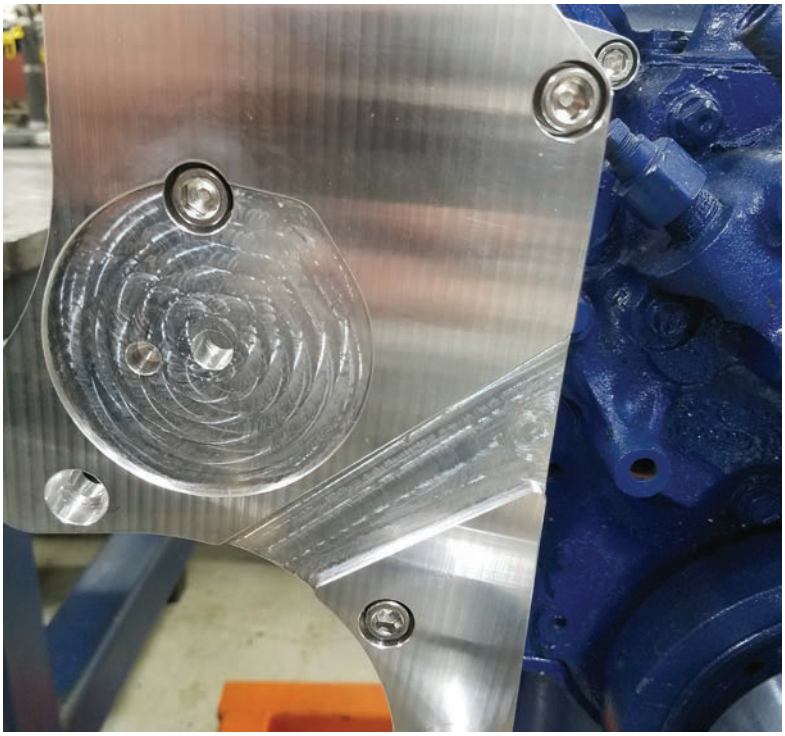
STEP 1

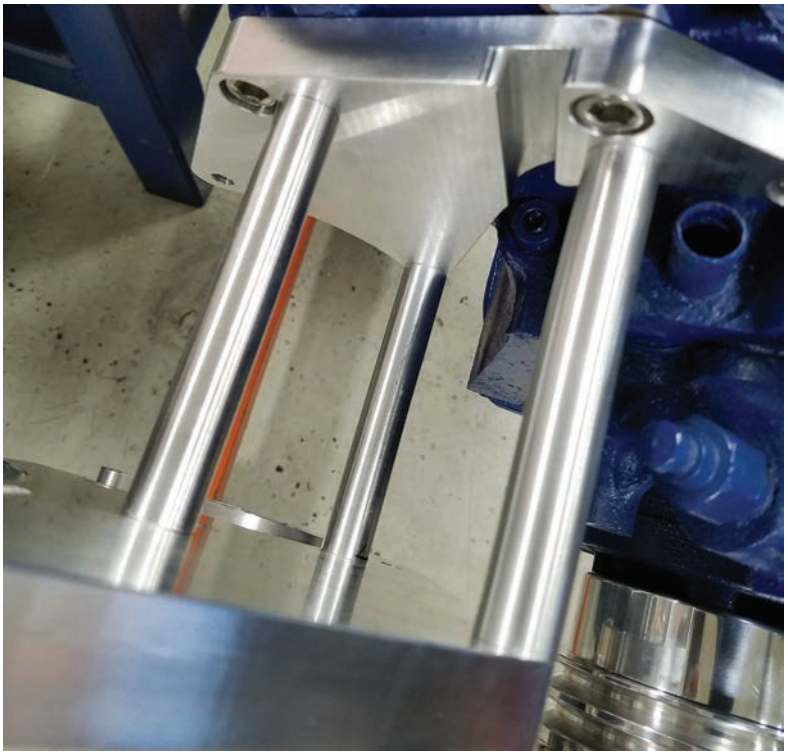
Mount the super-charger head bracket (ARP-FD10026) to the passenger's side cylinder head using 1) 3/8"-16 x 1.0" SS SHCS and 2) 7/16-14 x 1.0" SS SHCS. **Tighten bracket to 29 FT/LBS.**



STEP 2

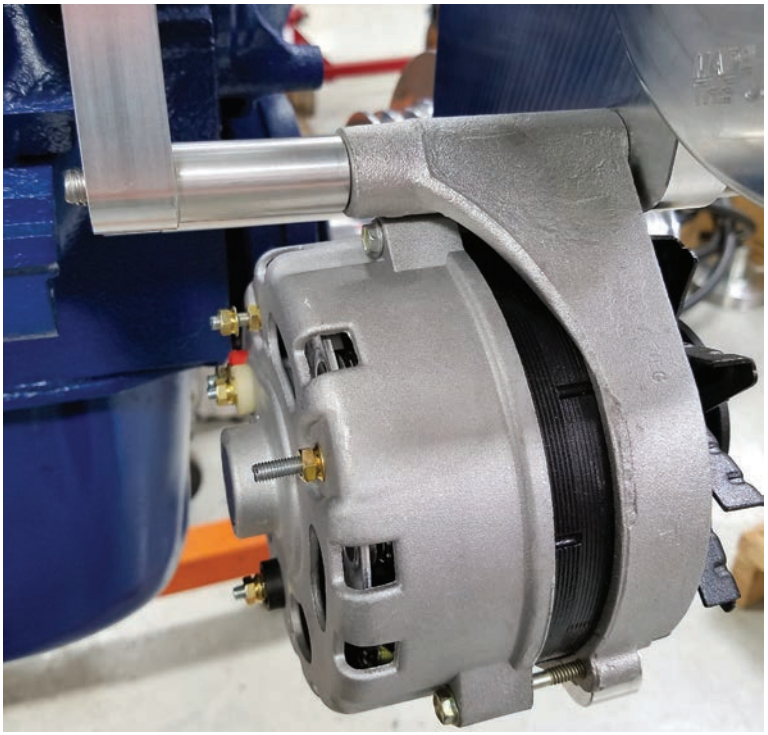
Mount the supercharger bracket (ARP-FD10030) with 3) 3/8-16 x 5.75” SS SHCS and 3) ARP-S-75-4675 Spacers. **Leave hand tight until step 3.**

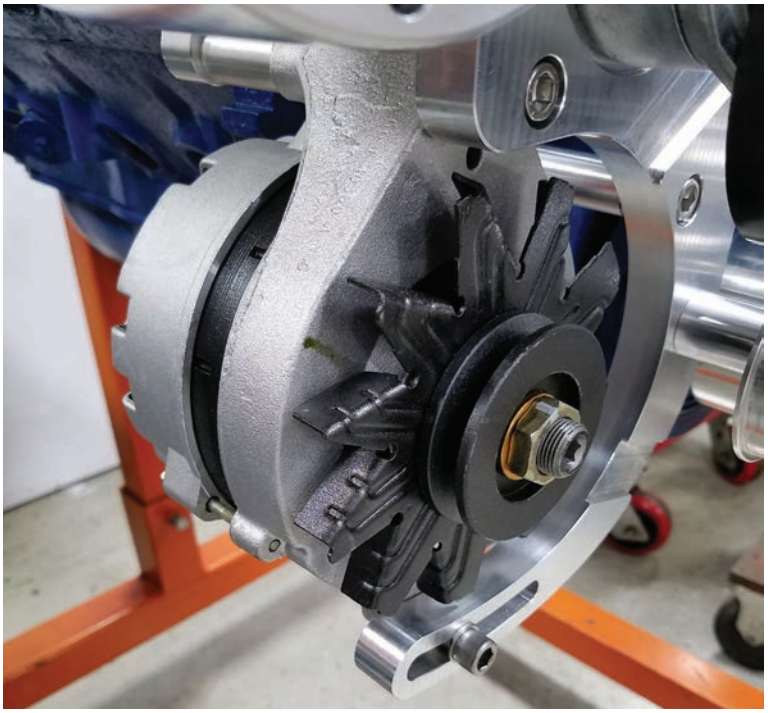




STEP 3

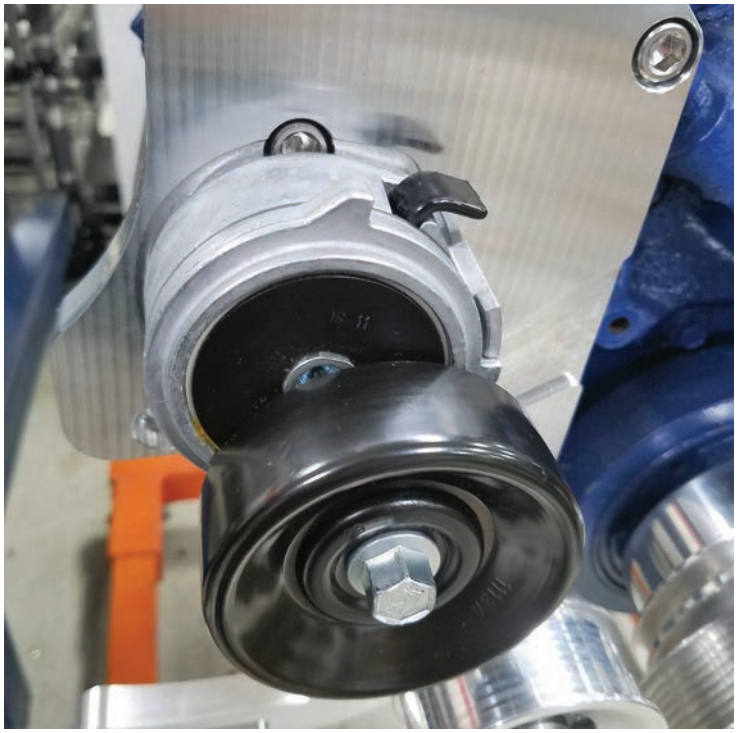
Install alternator and spacer ARP-S-75-1650 with 1) 3/8-16 x 5.75” SS SHCS in lower mounting hole in S/C bracket. **Tighten all 4 SC bracket bolts to 29 FT-LBS.** Install alternator adjustment bolt.

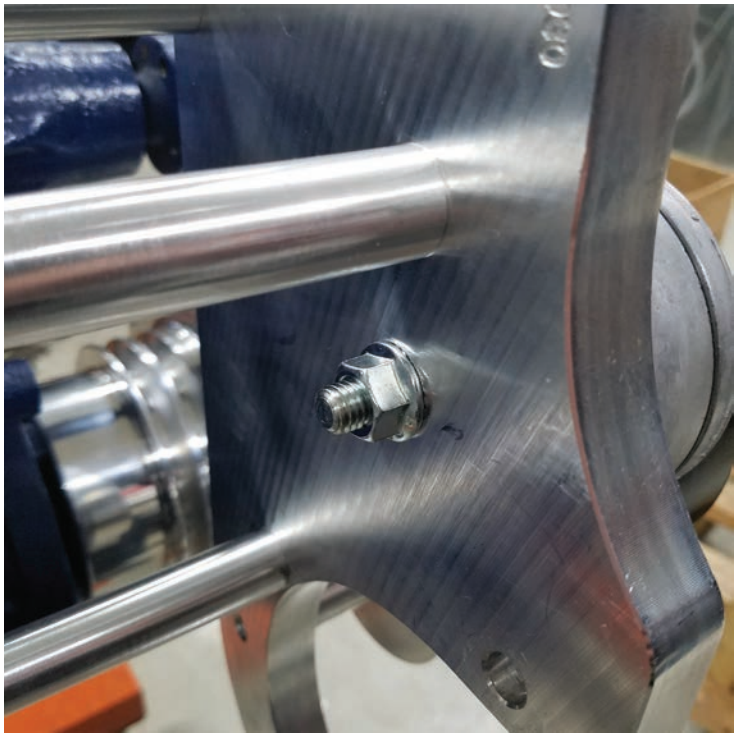




STEP 4

Install #89209 automatic belt tension onto SC Bracket. **Tighten tensioner nut on the rear of the bracket to 29 FT-LBS.**



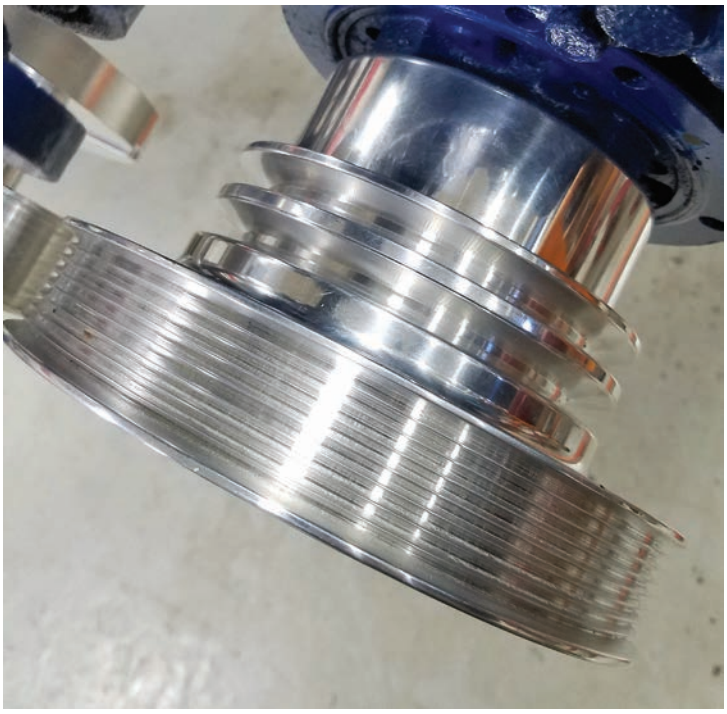


STEP 5

Mount crank pulley (ARP-FD68013) with 4) 3/8”-16 x 1.0 SS SHCS

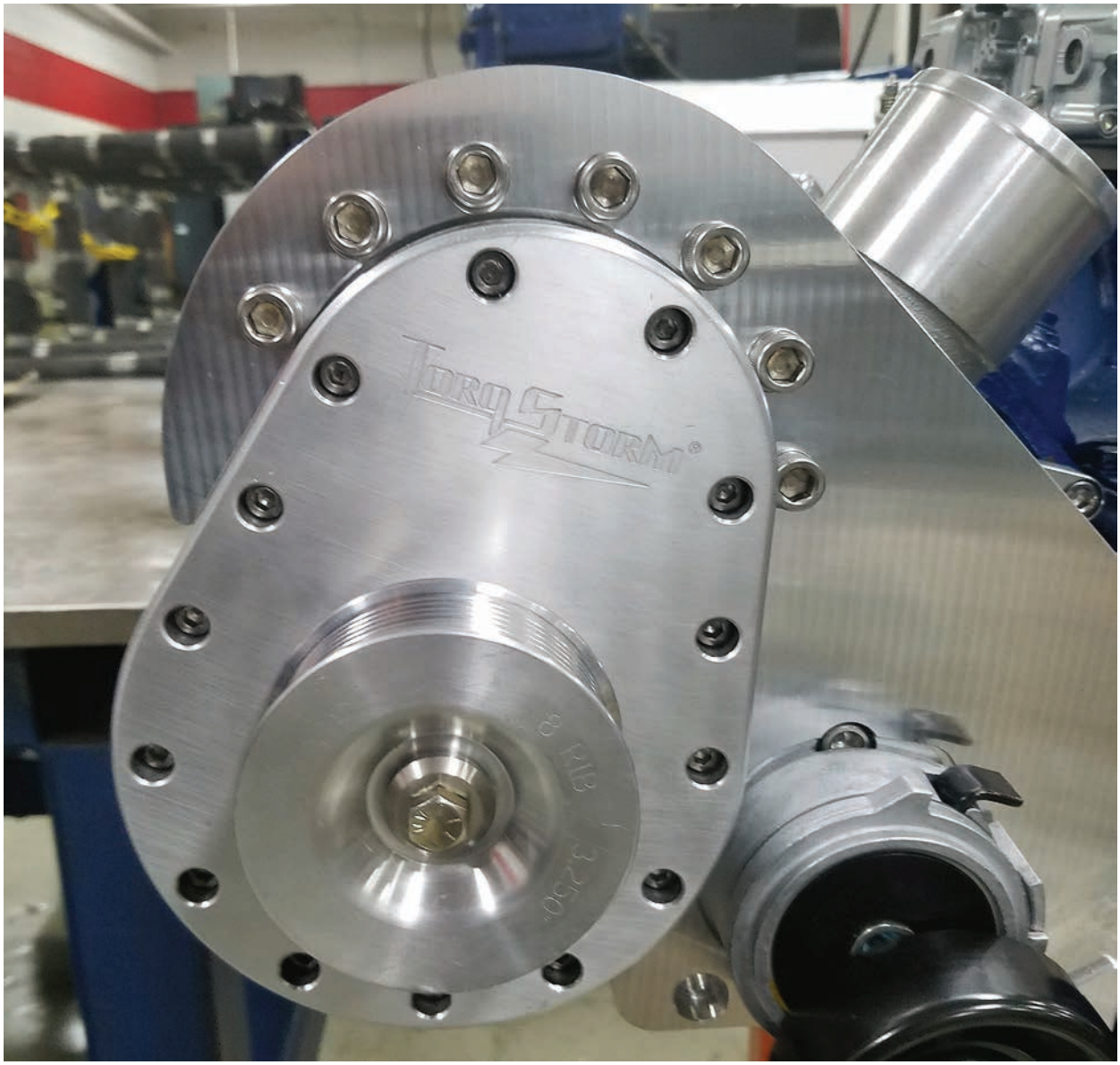
Tighten to spec: 29 FT-LBS.





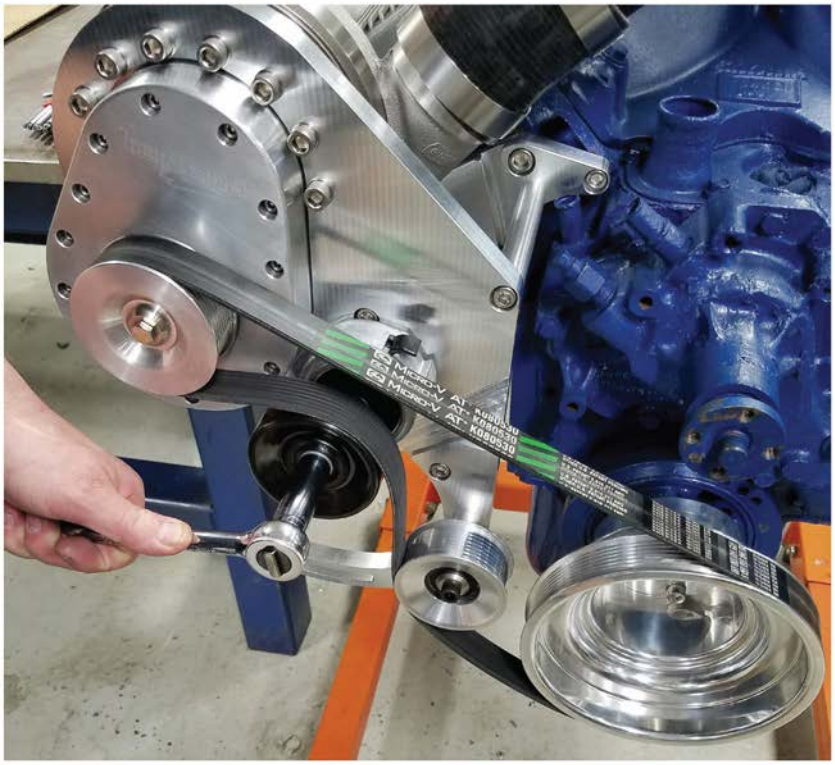
STEP 6

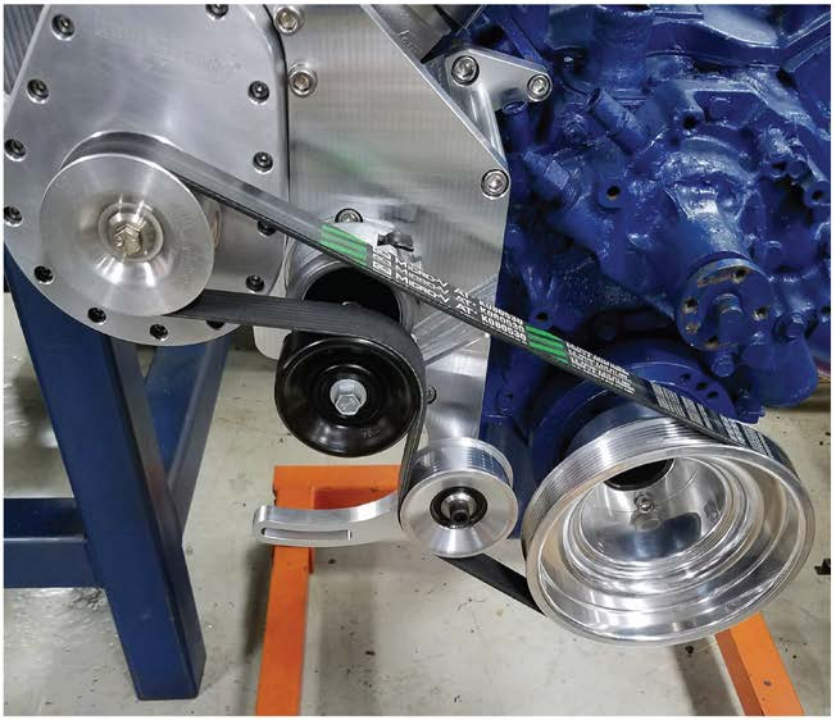
Mount the SC to the bracket using the 7) 3/8” x 1.25 SHCS with AN washers. Adjust the supercharger outlet for plumbing alignment prior to mounting on bracket. Tighten to spec 29 FT-LBS.



STEP 7

Route the serpentine belt per supplied belt routing diagram. Move tensioner to position into proper location.





STEP 8

Install 3” silicone boot on SC outlet, connect to tubing with BOV valve bung. Use silicone 3” to 3.5” to carb hat with supplied clamps. Adjust and tighten. Make sure you are using the supplied O-ring in between the carb hat and carb. **Note: you may need to trim silicone hoses for best fit.**



STEP 9

Hook up BOV to manifold vacuum source.



STEP 10

Install 3.5” 45* silicone elbow and aluminum 3.5” 45* elbow on air intake side of super-charger scroll. Install air filter, adjust and tighten all No. 64 worm gear clamps. **NOTE: May have to trim silicone hoses for best fit.**



STEPS:

11. Replace all spark plugs with one or two steps colder heat range.
12. Reset total timing to stock factory specs minus 1.0* to 1.5* for every pound of boot or install a boost retard ignition. Always listen for any sign of detonation (pinging) and discontinue hard use (no boost) until problem is resolved. For best results we recommend using the MSD boost timing ignition control products for your supercharged ignition needs.
13. Reconnect battery.
14. Check all fittings, nuts, bolts and clamps. Make sure all wires and lines are properly secured with clamps or wire ties.
15. Make sure fuel tank is filled with 91 octane or higher fuel.
16. Start engine and allow to idle a few minutes then shut off.
17. Recheck to be sure that no hoses, wires, ect are near the exhaust headers or moving parts and for signs of any fluid leakage. Recheck ignition timing to make sure it is properly set before commencing test drive.
18. After test drive recheck for leaks and recheck belt tension.
19. Change your oil in the supercharger, every 10,000 miles or once a year. Failure to run TorqStorm® approved oil will void the warranty. Order direct from Torqstorm® PART NO. ARP-OIL-MTL
20. Fill out warranty card and send in 30 days from purchase date or warranty may be effected.

CONGRATS!

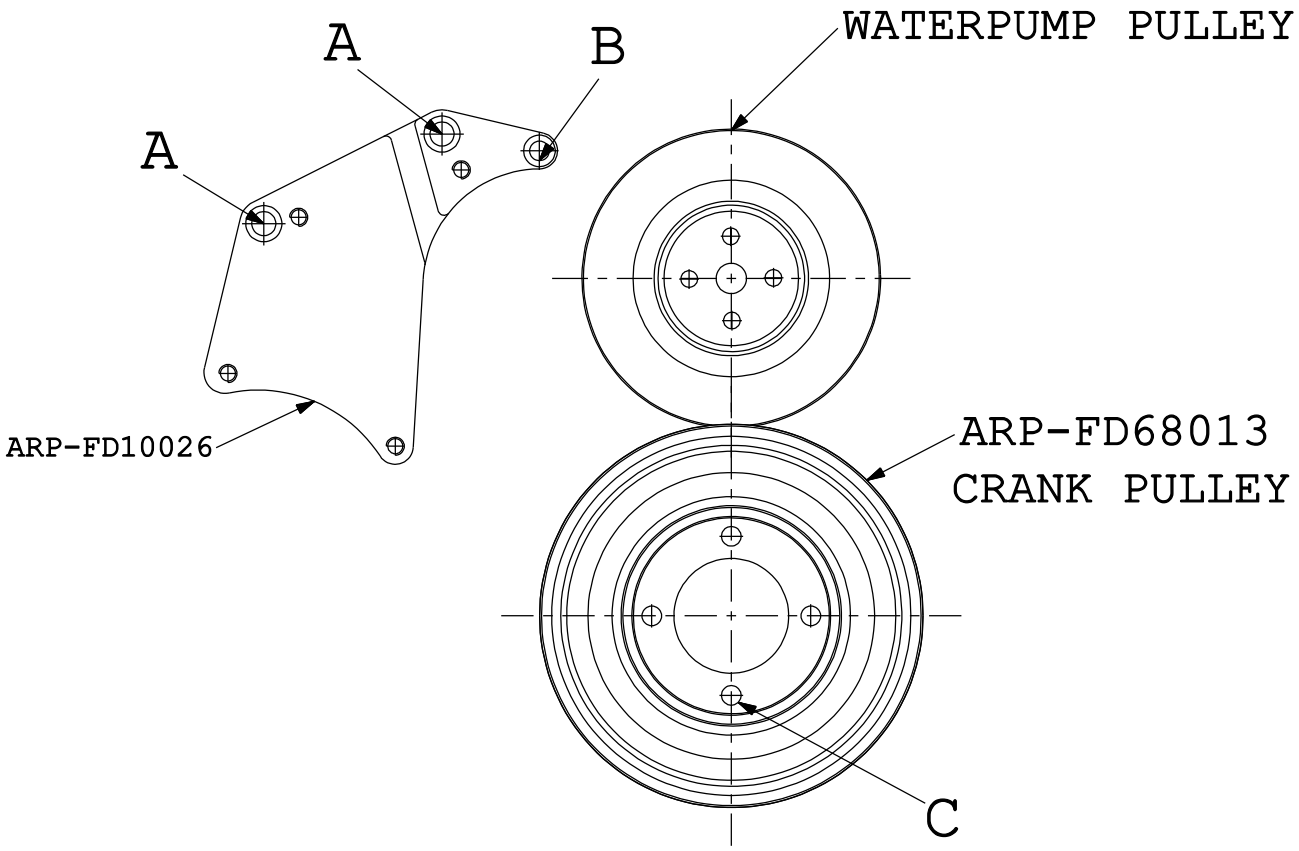
You have now completed the installation of your TorqStorm® Supercharger kit. Please read and heed the following notes and warnings for the best possible performance from your TorqStorm® Supercharger.

NOTES & WARNINGS

- TorqStorm® Billet Superchargers come from the factory filled with 6oz of ARP-OIL-MTL. Super-charger is ready to run.
- Torqstorm® Supercharger Kits are designed to use Mighty Demon or Quick Fuel Carbs set up for blow-thru operation along with many custom built blow through options.
- We also recommend using a HIGH PERFORMANCE electric fuel pump with boost reference fuel pressure regulator for carb applications.
- Use a wide band O2 sensor to verify a proper air/fuel ratio. We suggest 11.0:1 / 12.0:1 for 91 octane pump fuel.
- PLEASE TAKE SPECIAL NOTE: Operating the vehicle without all the sub assembles completed and properly installed and working may cause FAILURE OF MAJOR ENGINE COMPONENTS.

Have fun and send us a picture of your ride!

HEAD BRACKET LAYOUT



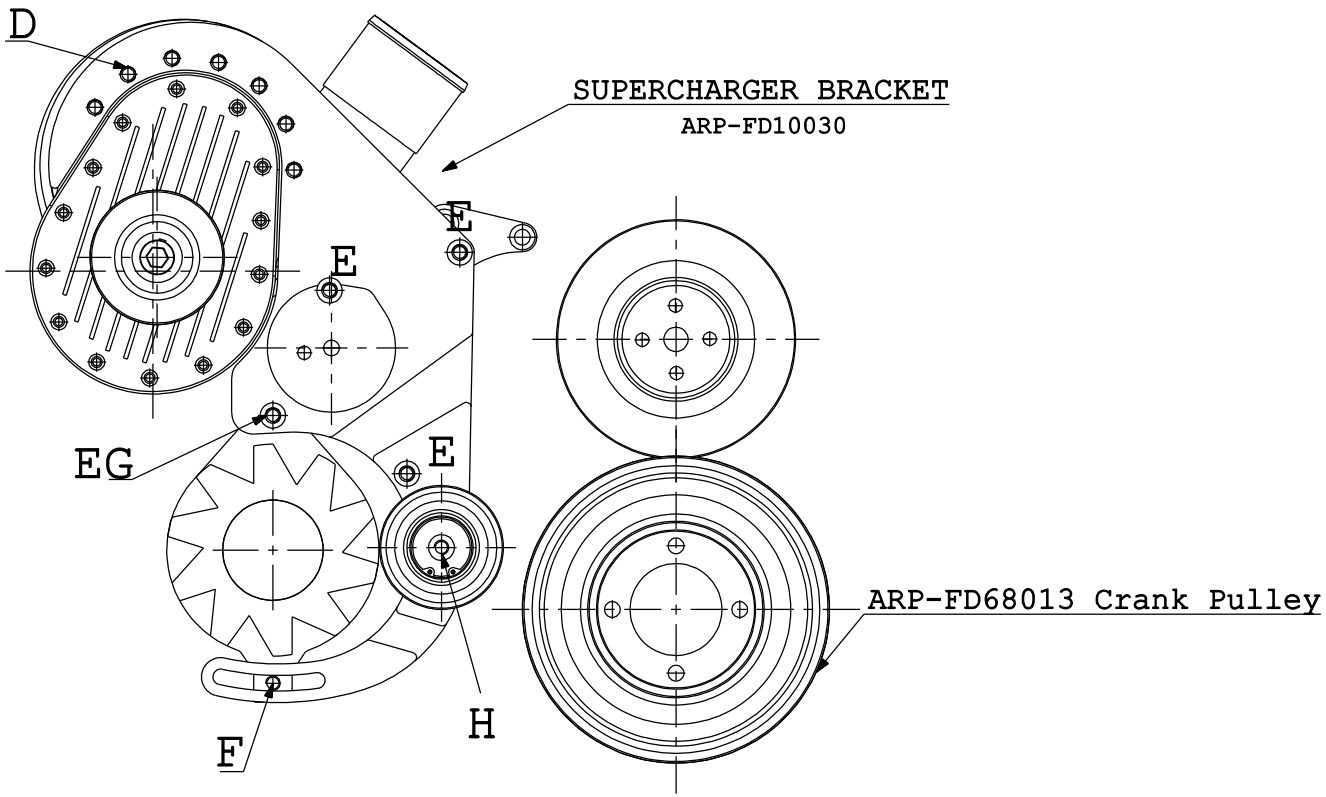
A = 2 @ 7/16-14 x 1.00 SS SHCS
B = 1 @ 3/8-16 X 1.00 SS SHCS
C = 4 @ 3/8-16 x 1.0 SS SHCS

Description	351C SUPERCHARGER KIT
Part #	ARP-K-FD-351C

TORQSTORM® BILLET SUPERCHARGERS

21/04/2016

SUPERCHARGER BRACKET LAYOUT



SPACERS

E = 3 @ ARP-75-4675
EG = 1 @ ARP-75-1650 (BEHIND ALT)
H = 1 @ ARP-IS-1985

BOLTS

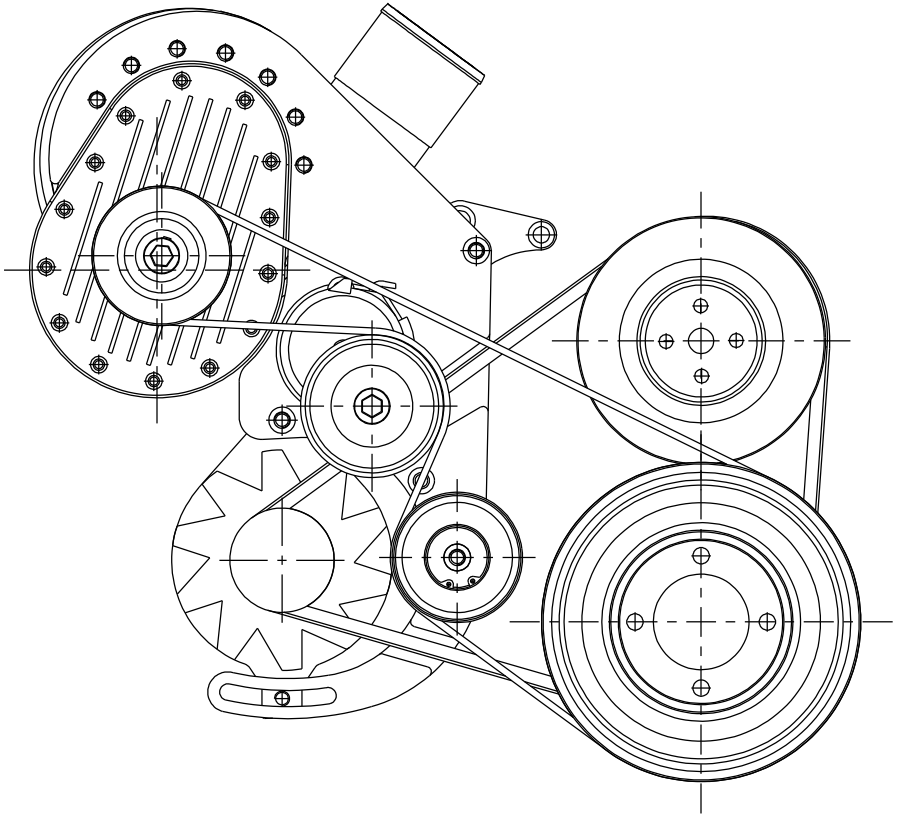
D = 7 @ 3/8-16 x 1-1/4 SS SHCS
E = 3 @ 3/8-16 x 5-3/4 SS SHCS
EG = 1 @ 3/8-16 x 5-3/4 SS SHCS
F = 1 @ 3/8-16 x 1-1/2 SS SHCS - W/ FLAT WASHER
H = 1 @ 3/8-16 x 3-1/2 SS SHCS

Description: 351C SUPERCHARGER KIT
Part #: ARP-K-FD-351C

TORQSTORM® BILLET SUPERCHARGERS

21/04/2016

BELT ROUTING



3.100" & 3-1/4" DIA PULLEYS USE

SUPER CHARGER BELT = GATES KO80530
DAYCO 5080530

Description	351C SUPERCHARGER KIT
Part #	ARP-K-FD-351C

TORQSTORM® BILLET SUPERCHARGERS

21/04/2016