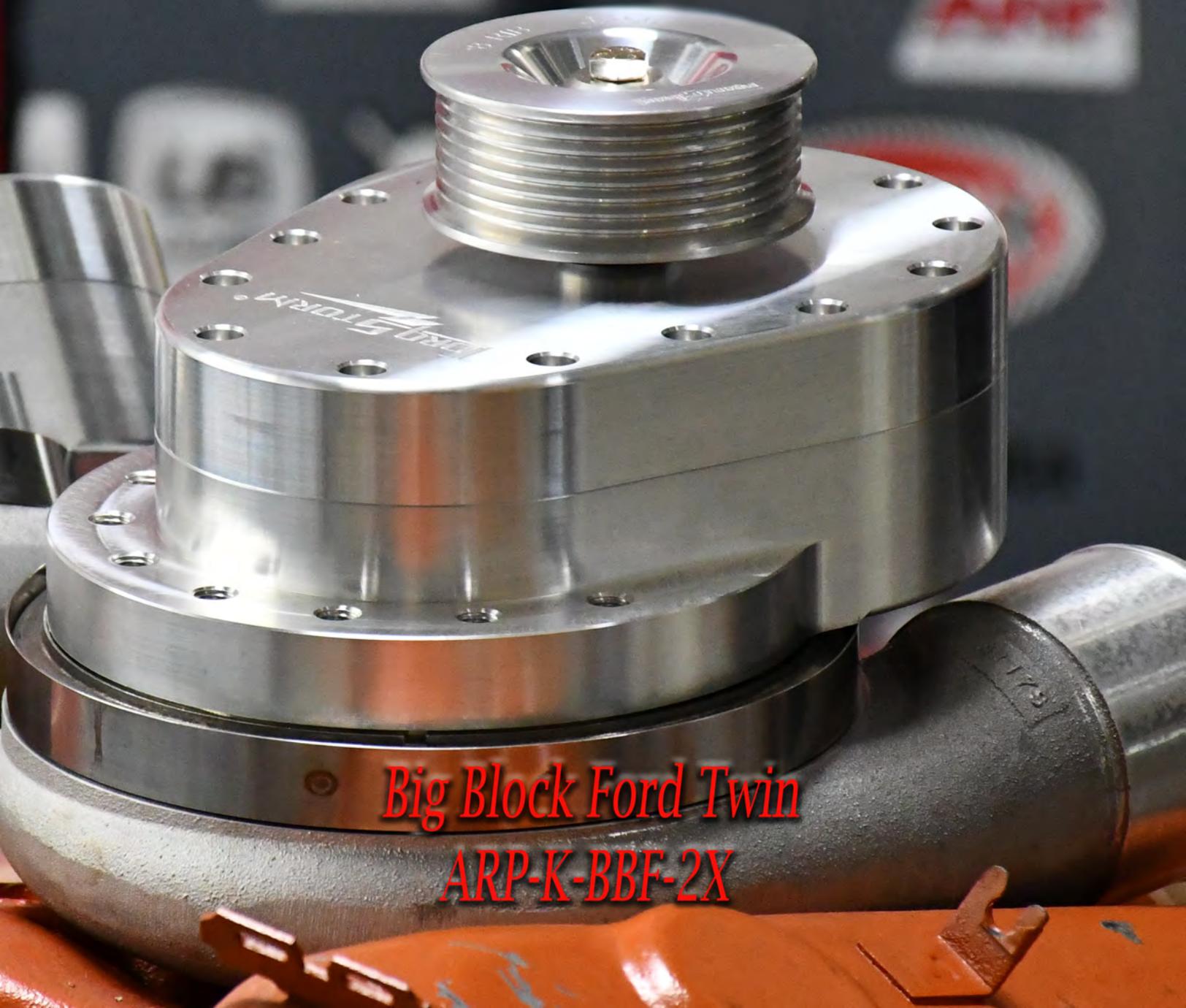


TORQ STORM[®]

BILLET SUPERCHARGERS



Big Block Ford Twin
ARP-K-BBF-2X

Installation Instructions

BBF Twin supercharger kit

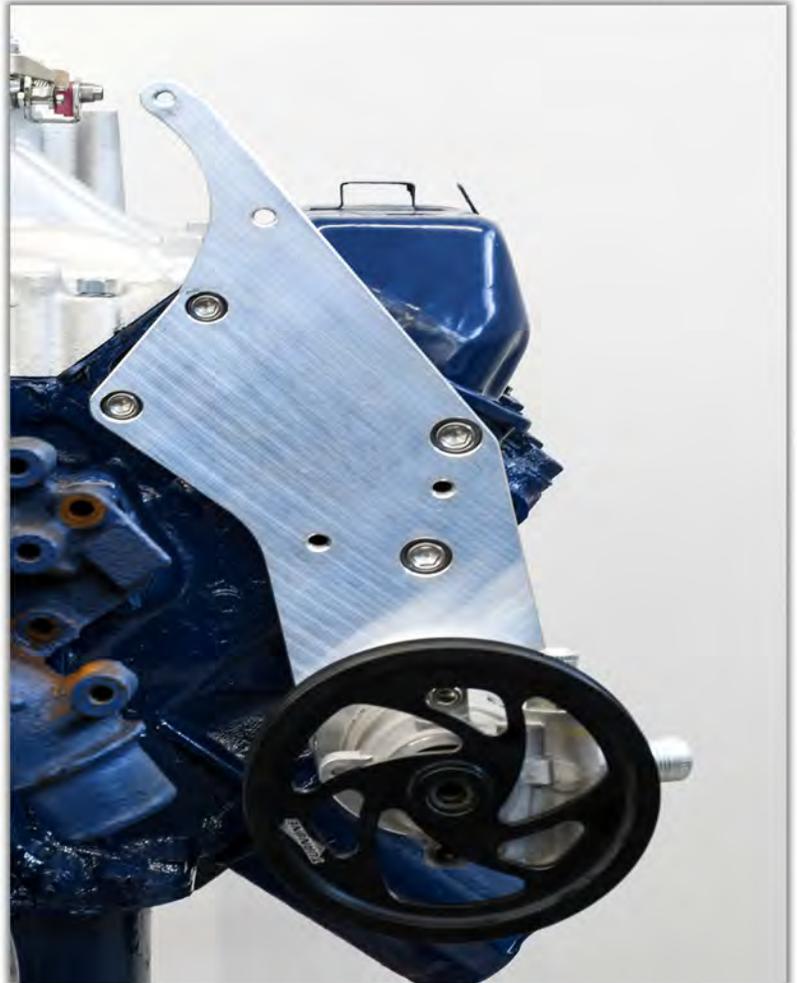
ARP-K-BBF-2X



STEP 1

Mount the supercharger head bracket ARP-FD50064 (drivers side) using (2) 7/16-14 x 3/4" bolts on the bottom right. And (2) 3/8-16 x 1" bolts on the top left.

Torque to 29 ft. lbs.



STEP 2

Mount the power steering pump using (2) 5/16-18 x 2 3/4" bolts.

Torque to 17 ft lbs



Installation Instructions

BBF Twin supercharger kit

ARP-K-BBF-2X



STEP 3

Mount the waterpump pulley
ARP-FD50015 using (4)
5/16 -24 x 3/4 bolts and AN
washers.

Torque to 29 ft. lbs.



STEP 4

Mount the crank pulley
ARP-FD68019 using (4)
3/8-16 x 1.0 bolts and AN
washers.

Torque to 29 ft. lbs



Installation Instructions

BBF Twin supercharger kit

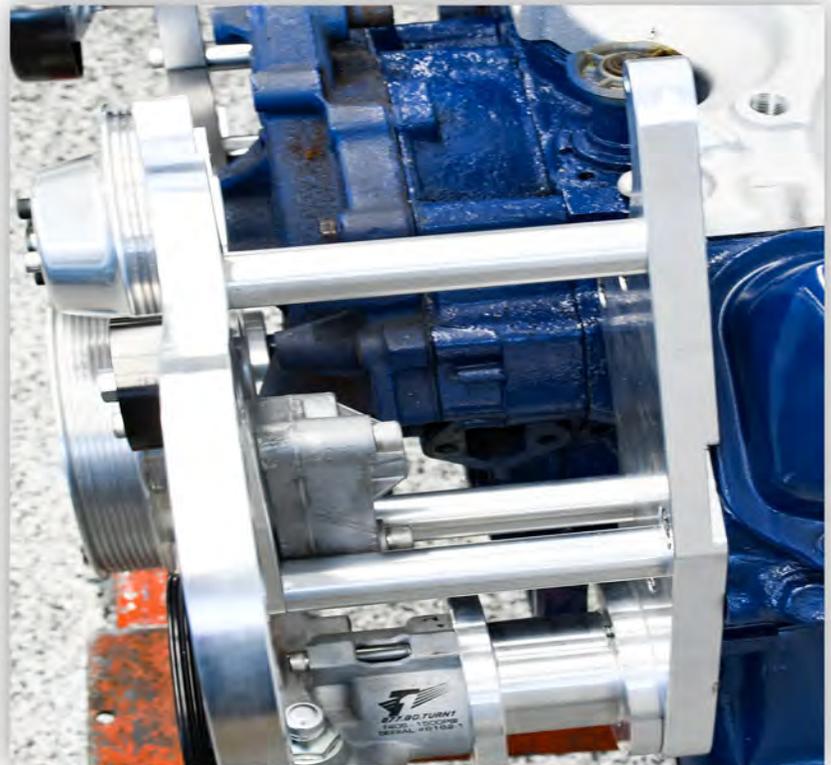
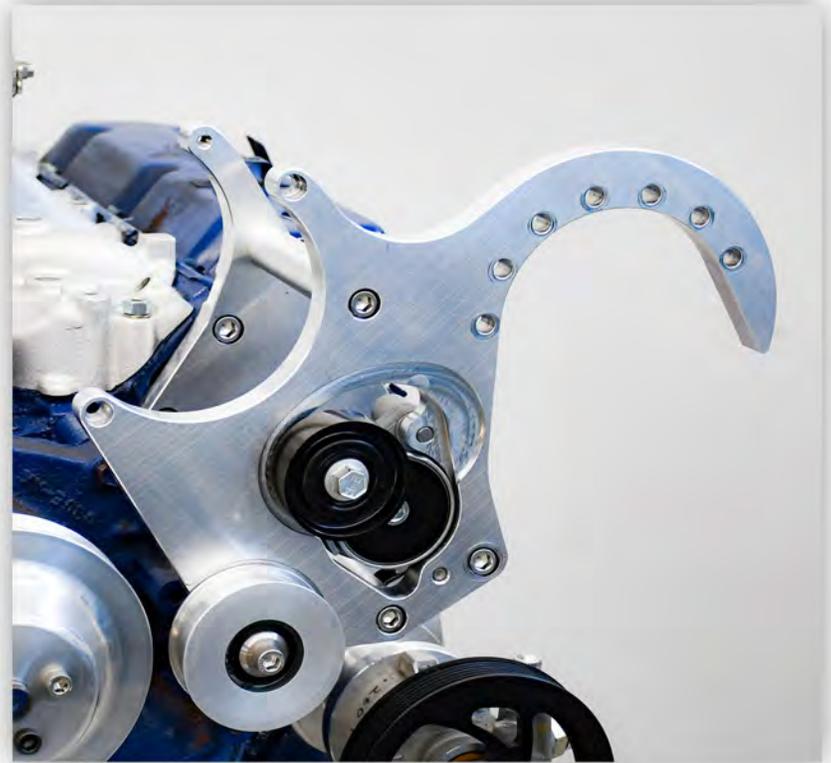
ARP-K-BBF-2X



STEP 5

Mount the drivers side supercharger bracket using (3) 3/8-16 x 6.25" bolts and (3) 1" x 5.275" spacers between the two brackets.

Do not torque until after step 9.



Installation Instructions

BBF Twin supercharger kit

ARP-K-BBF-2X



STEP 6

Mount the passenger side bracket using (1) 3/8-16 x 3/4" bolt in the top hole. And (1) 7/16-14 x 3/4" bolt in the lower left hole.

Do not torque down yet



Installation Instructions

BBF Twin supercharger kit

ARP-K-BBF-2X



STEP 7

Mount the passenger side supercharger bracket.

Tensioner and idlers will need to be temporarily removed to access mounting bolt holes. Reinstall after mounting bolts are installed and retorque.

(A)-3/8-16 x 5.25" bolts and 1" x 4.285" spacers.

(B) 3/8-16 x 2" bolt and 1" x 1.685" spacer.

Do not torque mounting bolts until after Step 8.

Torque to 29 ft lbs.



Installation Instructions

BBF Twin supercharger kit

ARP-K-BBF-2X



STEP 8

Mount the alternator on the passenger side bracket.

3/8-16 x 6" bolt and 1" x 1.38" spacer between the alternator and head plate.

(1) 3/8-16 x 1.5" bolt and washer on the bottom

Do not torque until accessory belt is installed and proper belt tension is achieved.

Torque to 29 ft lbs.



Installation Instructions

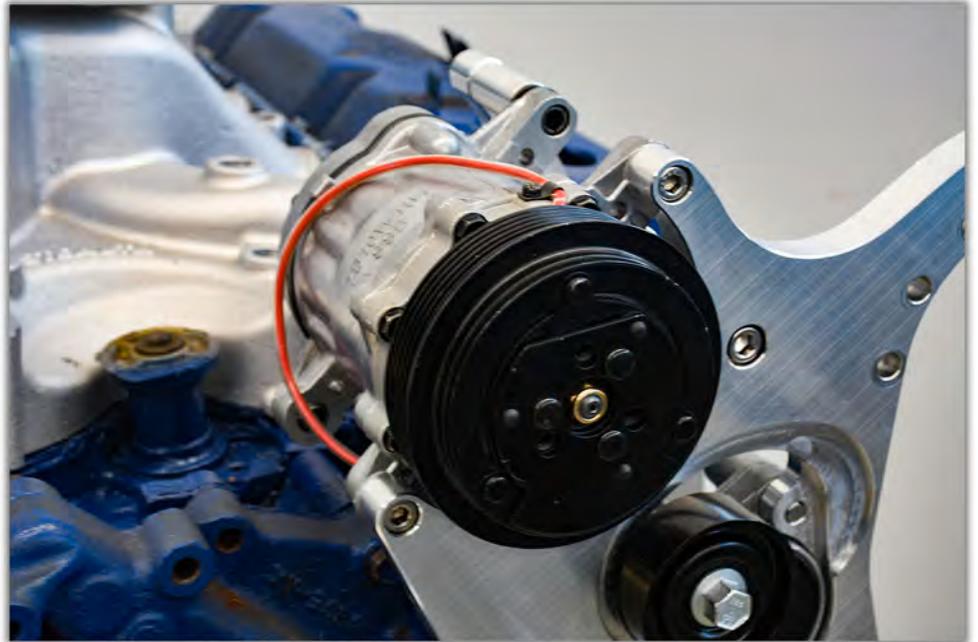
BBF Twin supercharger kit

ARP-K-BBF-2X



STEP 9

Mount the ac compressor using
(2) M8x 1.25 x 20mm bolts in
front.

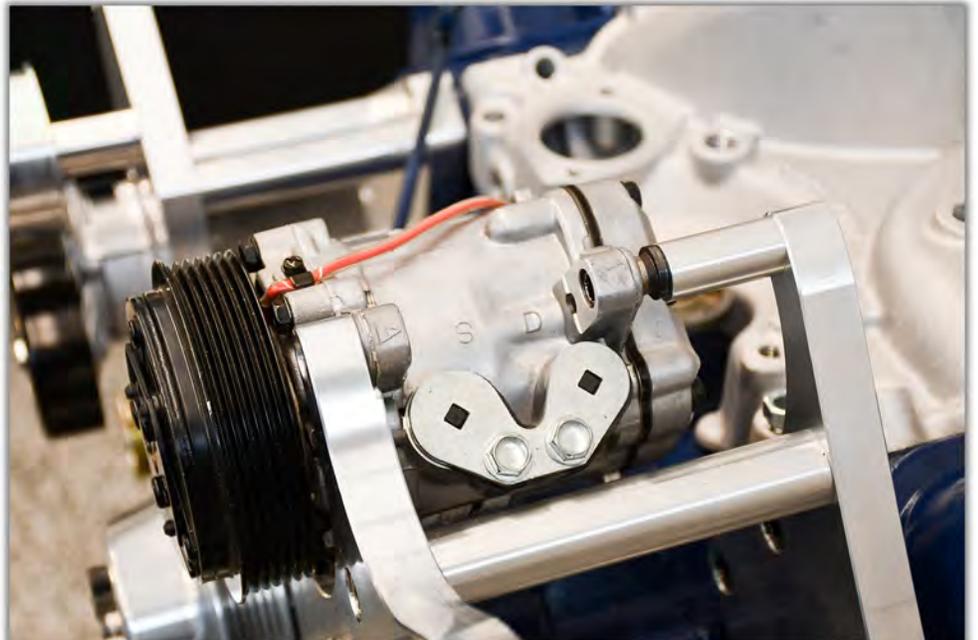


And (1) M8 x 1.25 x 90mm with
a 3/4" x 1.56" spacer on the
rear mounting bracket.

*Torque bolts down on ac and
brackets.*

M8-17 ft lbs

3/8-16 brackets bolts -29 ft lbs



Installation Instructions

BBF Twin supercharger kit

ARP-K-BBF-2X



STEP 10

Mount the supercharger head units on each side using (7) 3/8-16 x 1.25" bolts and AN washers.

Torque to 29 ft lbs

Loosen vband clamp on supercharger and rotate to desired position. Do not overtighten the clamp.

1/2" of thread or until the compressor housing is unable to spin.



Installation Instructions
BBF Twin supercharger kit
ARP-K-BBF-2X



STEP 11

Slide alternator to approx. middle of the slot. Torque to 29 ft lbs.

Install the accessory belt.

Verify tensioner travel is in the middle range for best operation.



STEP 12

Install carb hat and nut. Make sure the o-ring is seated properly on the carb. The inlet on the carb hat takes a 3.5" coupler and a 4" clamp. Install BOV between the superchargers and hat. Connect to vacuum source with supplied 7/32 line.



Installation Instructions
BBF Twin supercharger kit
ARP-K-BBF-2X



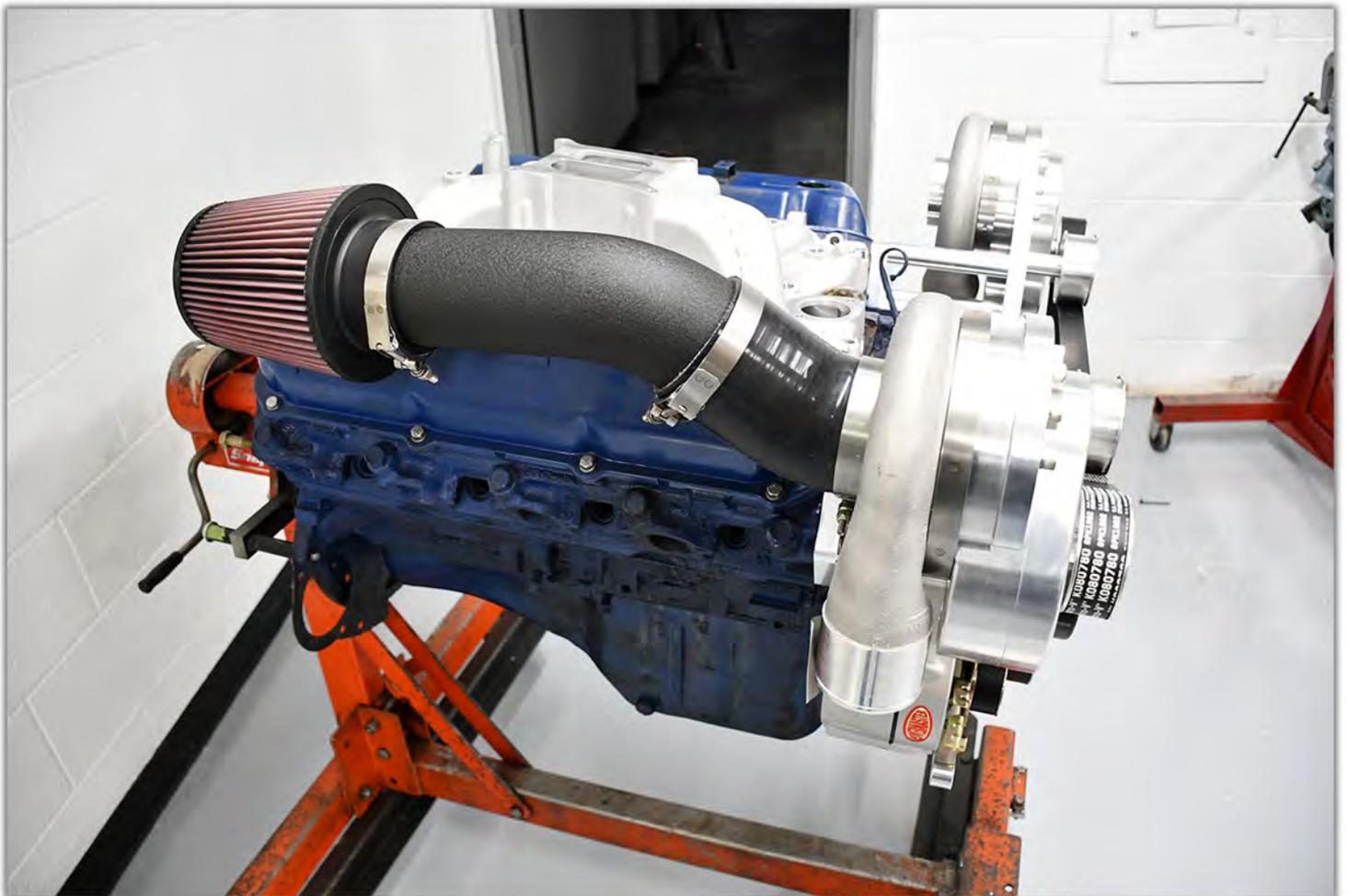
STEP 13

Install supercharger belt using a 15mm wrench. Rotate clockwise to release tension and slide over pulley.



STEP 14

Now that your superchargers are mounted. It is time to install your air cleaners. Utilizing the 3.5" clamps and 45 degree couplers and tubes, mount the filter in your engine bay to your liking.



Installation Instructions

BBF Twin supercharger kit

ARP-K-BBF-2X



- *Replace all spark plugs with one or two heat ranges cooler.*
- *Fuel/ Ignition managment system must be tuned when installing Torqstorm Supercharger.*
- *Reconnect battery*
- *Double check all fittings, bolts, clamps. Make sure all wires and lines are properly secured with clamps or wire ties .*
- *Make sure fuel tank is filled with 91 octane or higher fuel.*
- *Start engine and allow to idle a few minutes then shut down.*
- *Recheck to be sure that no hoses, wires, ect are near the exhaust, headers, or supercharger components.*
- *Recheck tune before commencing test drive.*
- *After test drive examine all bolts, belts and check for leaks or running issues before finishing with the vehicle.*
- *Change your oil in the S/C every 10k miles or once a year. Failure to run Torqstorm approved oil will void warranty. Order direct from Torqstorm Part NO ARP-OIL-MTL*
- *Fill out warranty card and send it in 30 days from arrival of supercharger to qualify.*

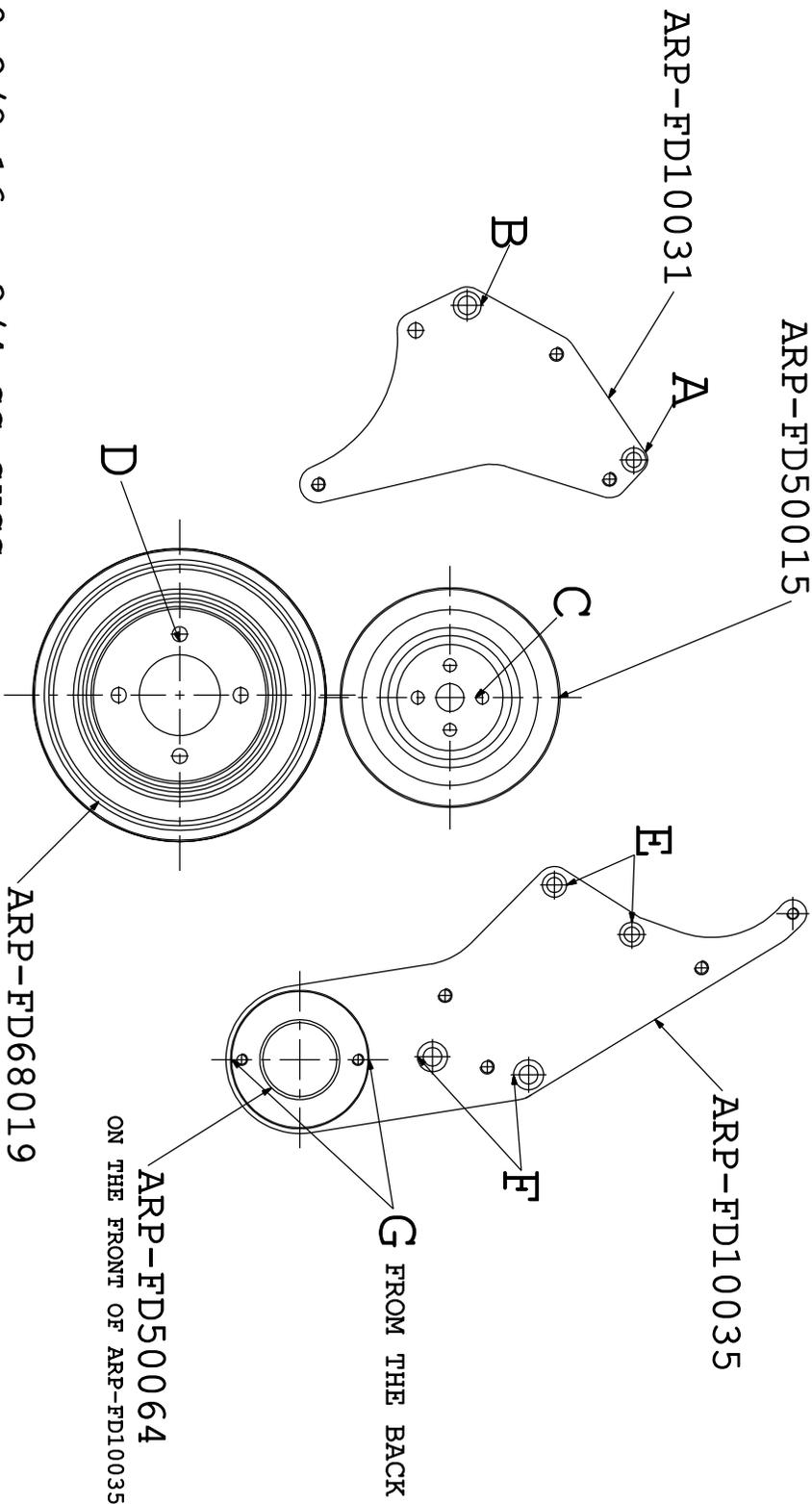
Failure to do so may affect your limited lifetime warranty.



Additional information for Boost

- *It is suggested to run a wideband o2 sensor to monitor correct air/fuel ratio. 11.5 is ideal for 91 octane or higher pump gas.*
- *PLEASE TAKE SPECIAL NOTE: Operating the vehicle without all the sub assemblies completed and properly installed and working may cause FAILURE OF MAJOR ENGINE COMPONENTS.*
- *If you have any questions or concerns contact us at sales@torqstorm.com*
- *Torqstorm superchargers come from the factory filled with 6 oz of ARP-OIL-MTL*
- *Supercharger is ready to run*

HEAD BRACKET LAYOUT



ARP-FD50015

ARP-FD10031

ARP-FD10035

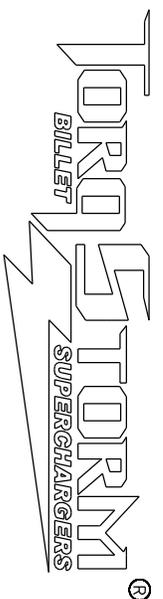
ARP-FD50064

ON THE FRONT OF ARP-FD10035

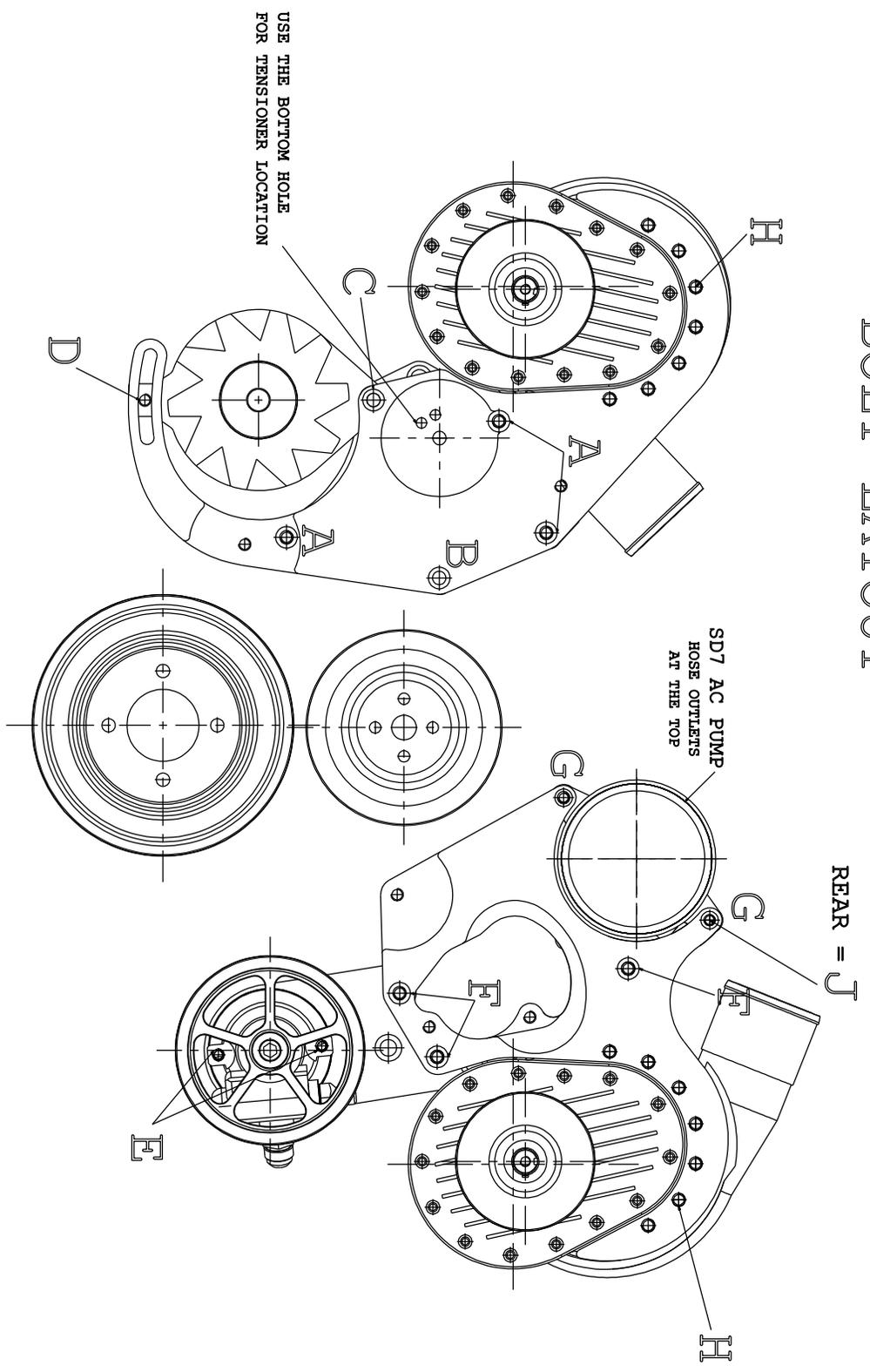
ARP-FD68019

A =	1	@	3/8-16	x	3/4	SS	SHCS
B =	1	@	7/16-14	x	3/4	SS	SHCS
C =	4	@	5/16-24	x	3/4	SS	SHCS
D =	4	@	3/8-16	x	3/4	SS	SHCS
E =	2	@	3/8-16	x	1.0	SS	SHCS
F =	2	@	7/16-14	x	1.0	SS	SHCS
G =	2	@	5/16-18	x	1.0	SS	SHCS

Description	HEAD BRACKET LAYOUT
Part #	ARP-K-FD-BBF-2X



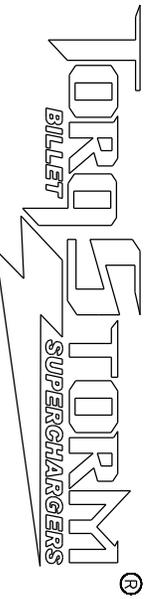
BOLT LAYOUT



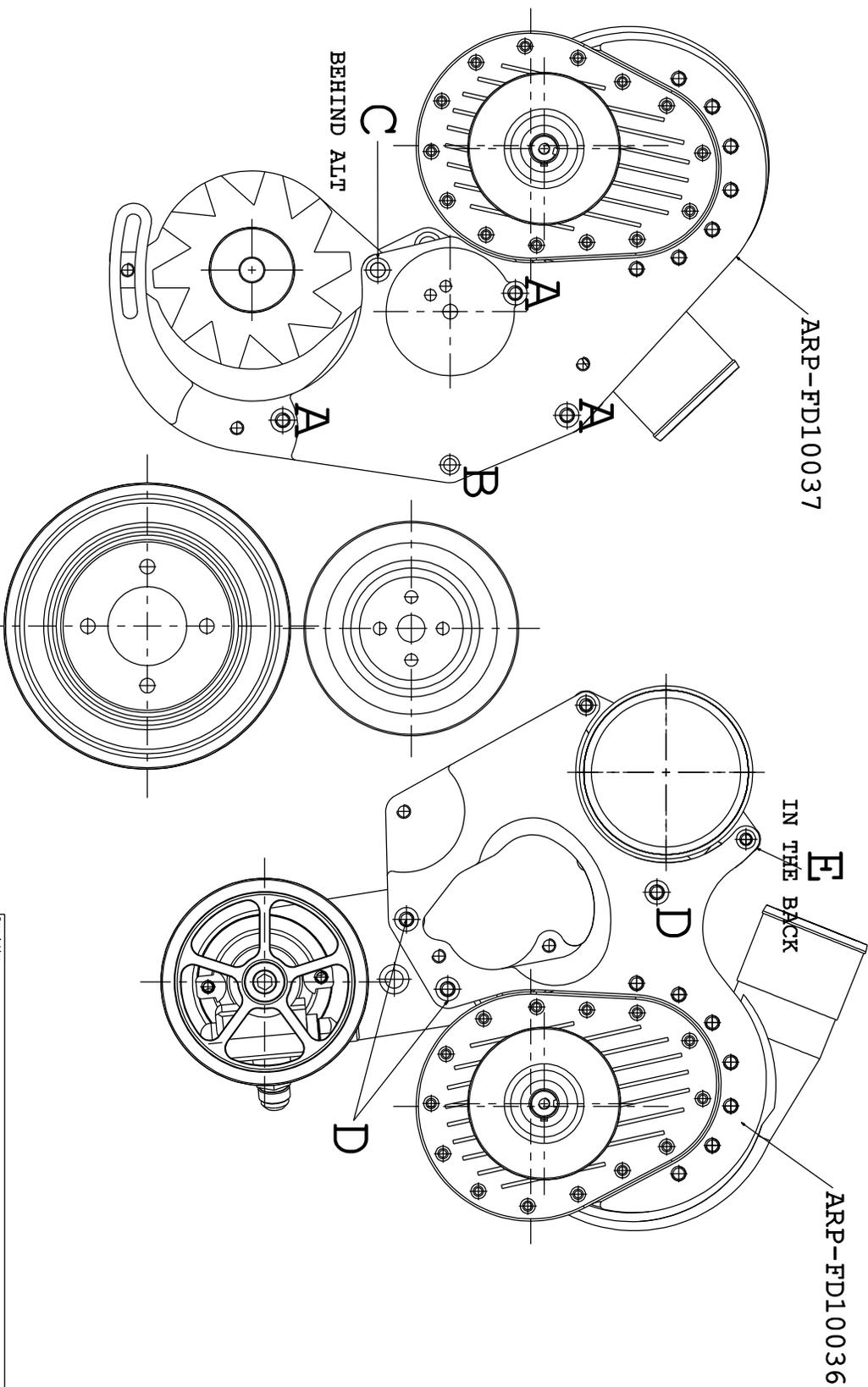
- A = 3 @ 3/8-16 x 5-1/4 SS SHCS
- B = 1 @ 5/16-18 x 6.0 SS SHCS
- C = 1 @ 3/8-16 x 6.0 SS SHCS
- D = 1 @ 3/8-16 x 1-1/2 SS SHCS
- E = 2 @ 5/16-18 x 2-3/4 SS SHCS
- F = 3 @ 3/8-16 x 6-1/4 SS SHCS
- G = 2 @ M8x1.25 x 20mm SS SHCS
- H = 14 @ 3/8-16 x 1-1/4 SS SHCS
- J = 1 @ M8-1.25 x 90mm SS SHCS & NUT

07/10/2020

Part 1
BOLT LAYOUT
 ARP-K-FD-BBF2X

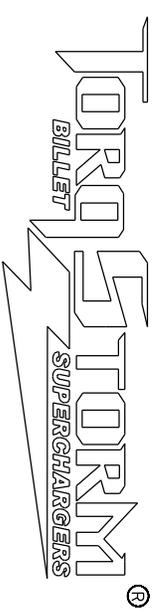


SPACER LAYOUT



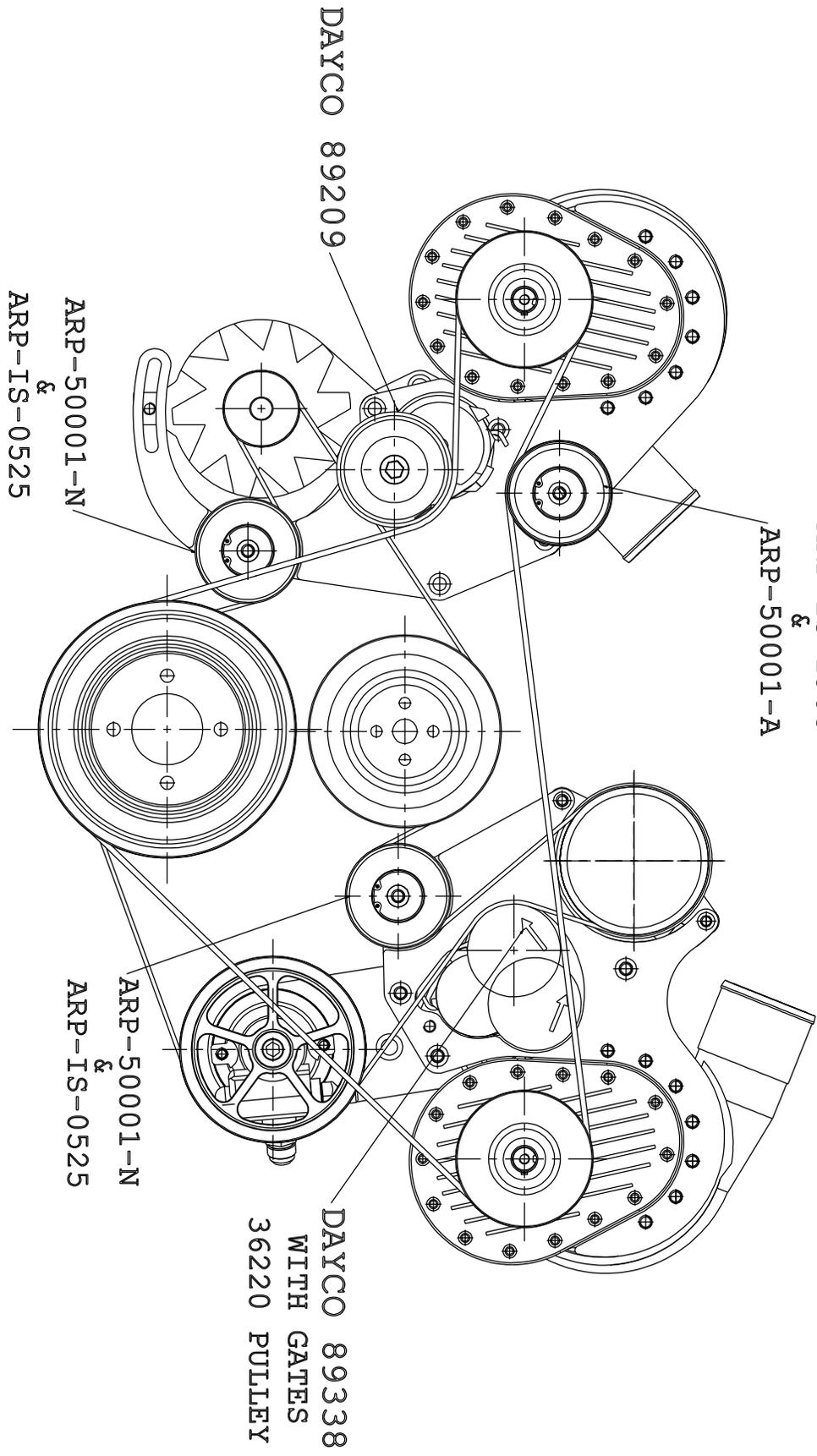
- A = 3 @ ARP-S-100-4285
- B = 1 @ ARP-S-100-1685
- C = 1 @ ARP-S-750-1370
- D = 3 @ ARP-S-100-5275
- E = 1 @ ARP-S-750-1560

Manufacture
SPACER LAYOUT
 PART #
ARP-K-FD-BBF-2X



BELT ROUTING DIAGRAM

ARP-IS-1985
&
ARP-50001-A



DAYCO 89338
WITH GATES
36220 PULLEY

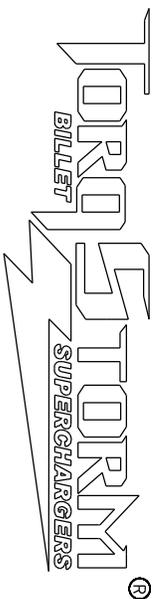
ARP-50001-N
&
ARP-IS-0525

ARP-50001-N
&
ARP-IS-0525

ACCESSORY BELT = GATES K060837
DAYCO 5060835

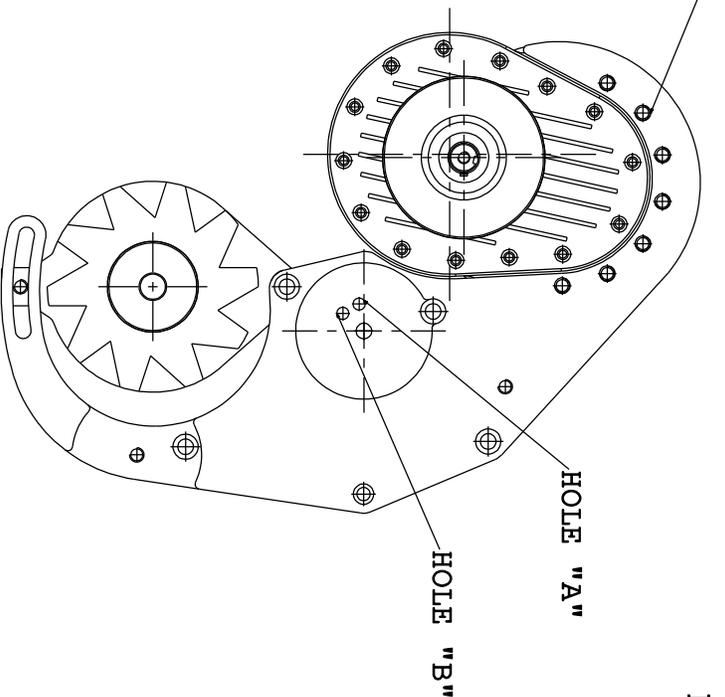
SEE ADDITIONAL SHEET FOR SUPERCHARGER
BELT SIZES PER PULLEY SIZES

Illustration
Belt Routing - Accessory
Part 1
ARP-K-FD-BBF-2X



TENSIONER PIN LOCATION PER PULLEY SIZE

PASSENGER SIDE SUPERCHARGER
BRACKET



INSTALL DAYCO 89209 TENSIONER
IN HOLE CALLED OUT
PER PULLEY SIZE FOR YOUR APPLICATION

- 3.100" PULLEYS USE HOLE "B"
GATES K080765
DAYCO 5080765
- 3.250" PULLEYS USE HOLE "A"
GATES K080774
DAYCO 5080775
- 3.500" PULLEYS USE HOLE "B"
GATES K080780
DAYCO 5080780
- 4.000" PULLEYS USE HOLE "A"
GATES K080797
DAYCO 5080795

Manufacturer
BELT ROUTING - SUPERCHARGERS
Part #
ARP-K-FD-BBF-2X

