

TORQ STORM[®]

BILLET SUPERCHARGERS



AMC TWIN 2XRA
ARP-K-AMC-2XRA

Installation Instructions

AMC Twin supercharger kit

ARP-K-AMC-2XRA



STEP 1

*Mount the supercharger head
bracket (drivers side)
using (3) 3/8-16 x 3/4" " bolts.
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*



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STEP 3

Mount the waterpump pulley

ARP-FD50066 using (4)

5/16 -18 x 3/4 bolts

Torque to 19 ft. lbs.

STEP 4

Mount the crank pulley

ARP-FD68031 using (4)

3/8-16 x 1.0 bolts and AN

washers.

Torque to 29 ft. lbs



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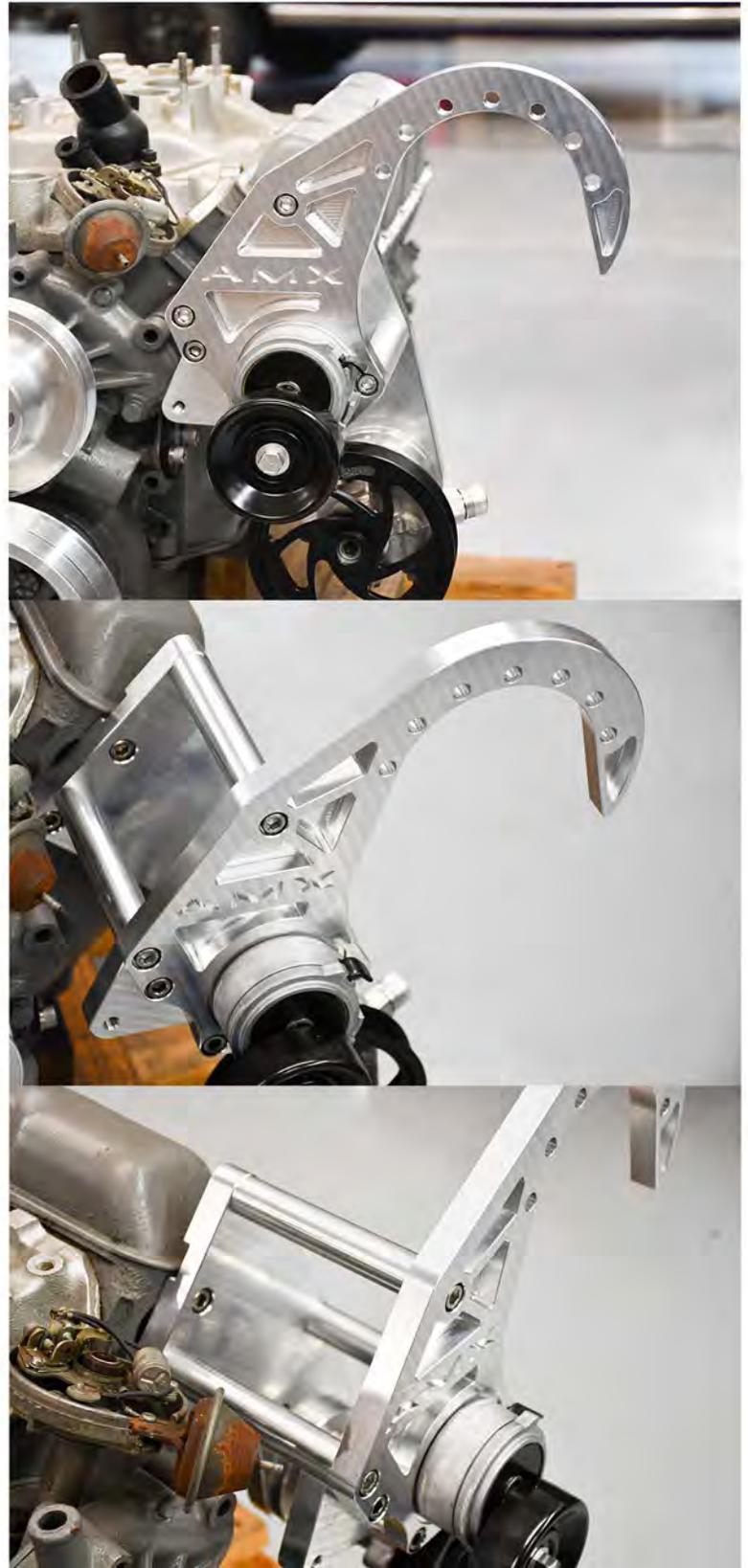
ARP-K-AMC-2XRA



STEP 5

Mount the drivers side supercharger bracket using (3) 3/8-16 x 6.5" bolts and (3) 1" x 5.275" spacers between the two brackets. You may need to temporarily remove the idler pulley and tensioner to access the mounting bolts. Then re-mount when finished bolting the bracket on.

Torque 3/8 bolts to 29 ft lbs



STEP 6

Mount the passenger side bracket using (2) 7/16-14 x 1 3/4" bolt in the top left hole with a 1" x 3/4" spacer between the head and bracket. And (2) 7/16-14 x 3/4" bolt in the other two holes.

Torque to 29 ft lbs



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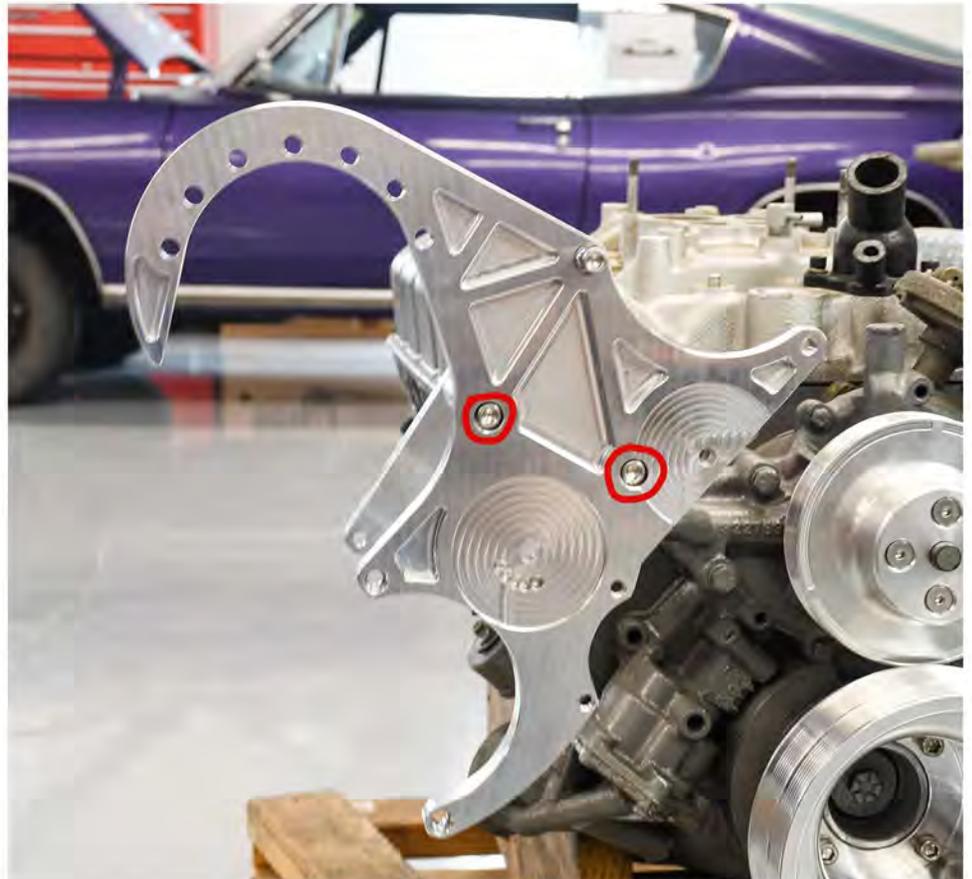


STEP 7

Mount the passenger side supercharger bracket. (2) 3/8-16 x 5.5" bolts and (2) 3/4" x 4.3" spacers.

The tensioner will need to be temporarily removed to access one of the mounting bolt holes. As well as the idler pulley.

Do not torque mounting bolts until after Step 8.



Installation Instructions

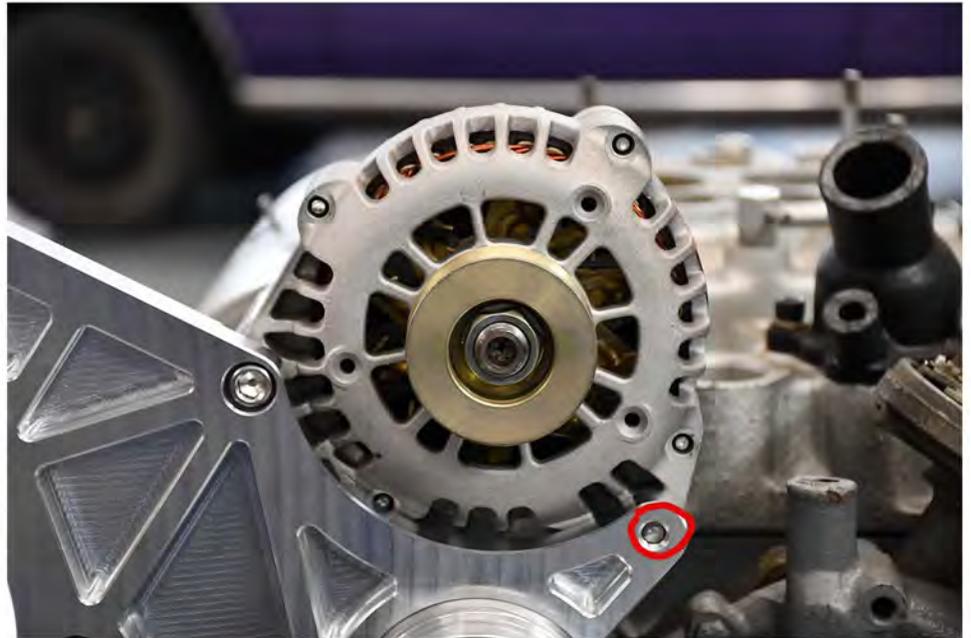
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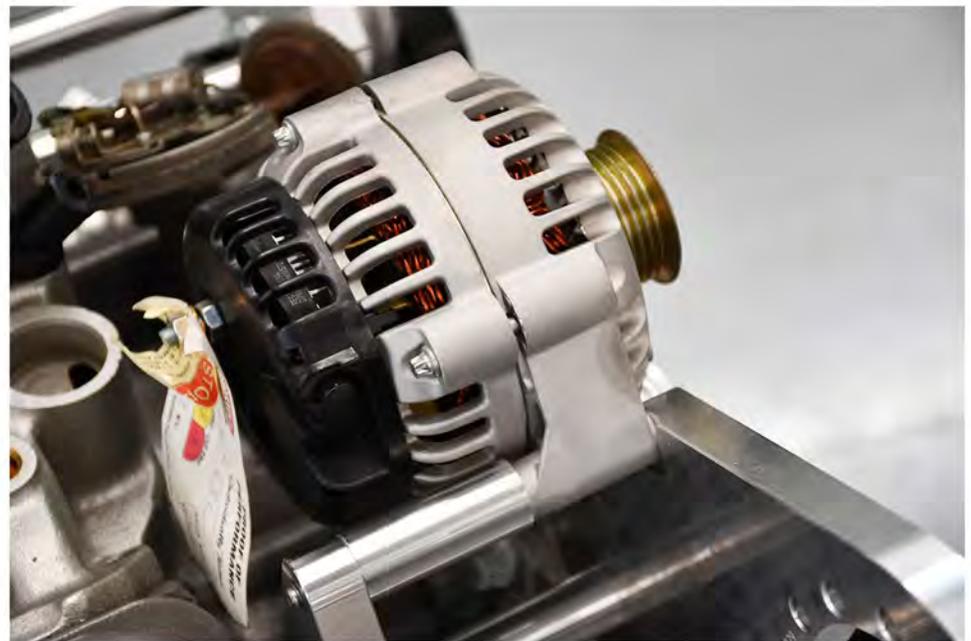
STEP 8

Install the alternator using (1) 3/8-16 x 2.5" bolt through the back of the alternator into the front plate.



Through the front install (1) 3/8-16 x 5.5" bolt and (1) .75" x 2.4" spacer between the alternator and head plate.

Do not torque down yet.



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STEP 9

Mount the AC compressor using (2) M8 bolts from the front.

And (1) M8 x 60mm bolt, washer and nut from the rear.

A 3/4 x .600" spacer goes

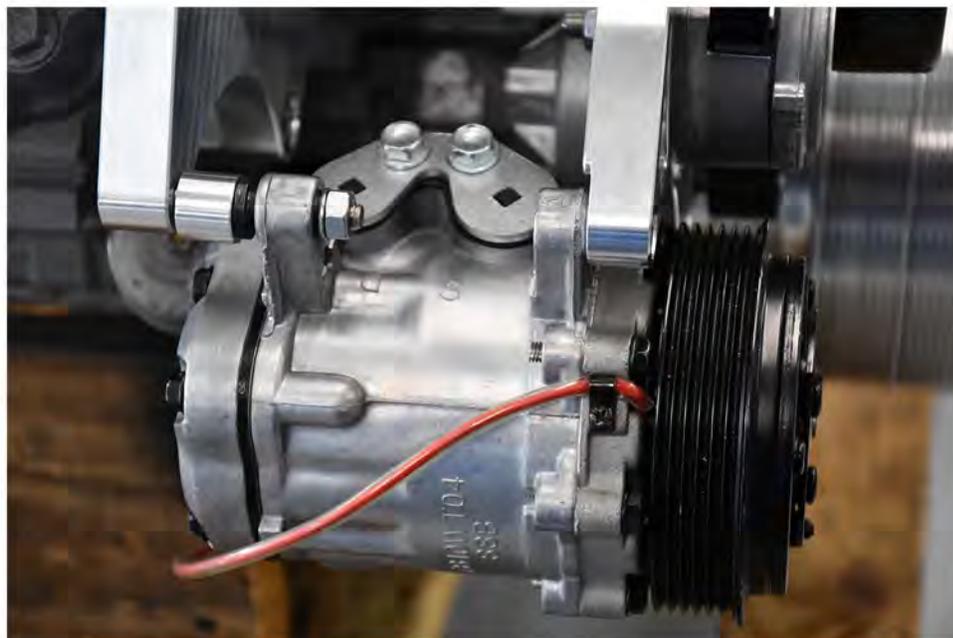
between the compressor and bracket.

Torque to 17 ft lbs

Torque the rest of the bolts on the bracket

3/8 bolts to 29 ft lbs

Re-install the tensioner and idler



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STEP 10

Mount the supercharger head units on each bracket using (7) 3/8 x 1.25"

Torque to 29 ft. lbs



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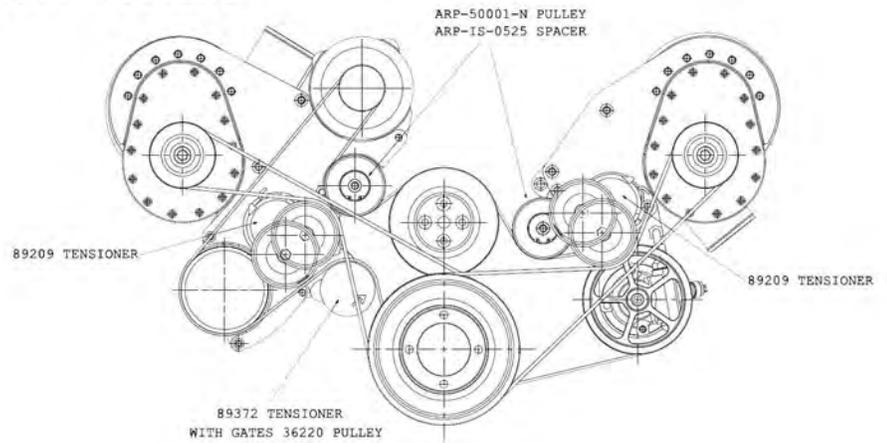
ARP-K-AMC-2XRA



STEP 11

Install the accessory belt as shown in your layout sheet.

BELT ROUTING



STEP 12

Install the supercharger belt as shown.



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STEP 13

Install the Carb hat. Place the o-ring around the carb. Slide the hat over the stud, make sure the o-ring is in the nut. Snug the nut down.

Torque to 15 ft lbs



STEP 14

Install the air filter on each supercharger.



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STEP 15

Rotate the compressor housings to face the direction you wish to reach your carb or tb injection.

To rotate the compressor housings loosen the clamp.

When finished, tighten the clamp so the housing can no longer rotate, do not overtighten or you will stretch the clamp out.



STEP 16

Install the bov with weld in bungs in the charge tubes that connect from the supercharger to the carb hat. (Not included) Connect them both to a vacuum source off from the intake below the carb.



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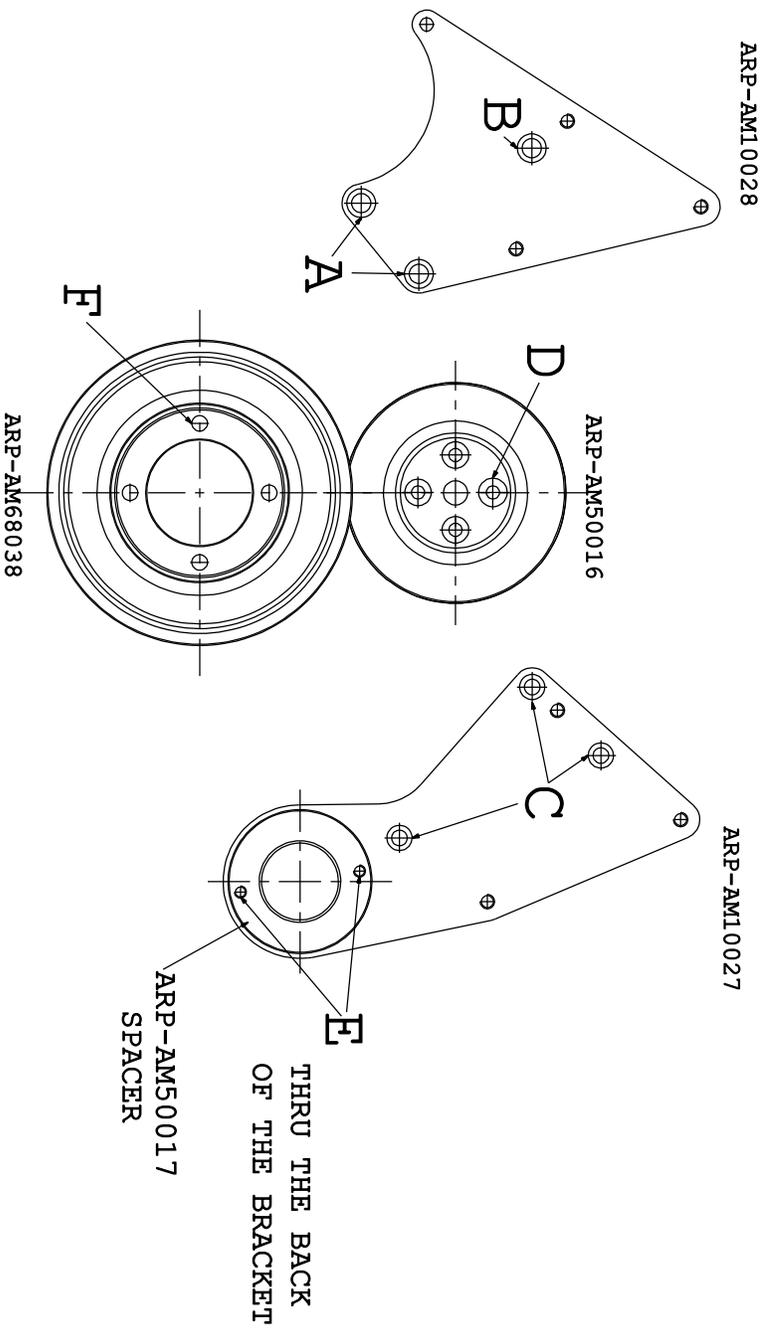
- Replace all spark plugs with one or two heat ranges cooler.
- Fuel/ Ignition management system must be tuned when installing Torqstorm Supercharger.
- Reconnect battery
- Double check all fittings, bolts, clamps. Make sure all wires and lines are properly secured with clamps or wire ties .
- Make sure 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



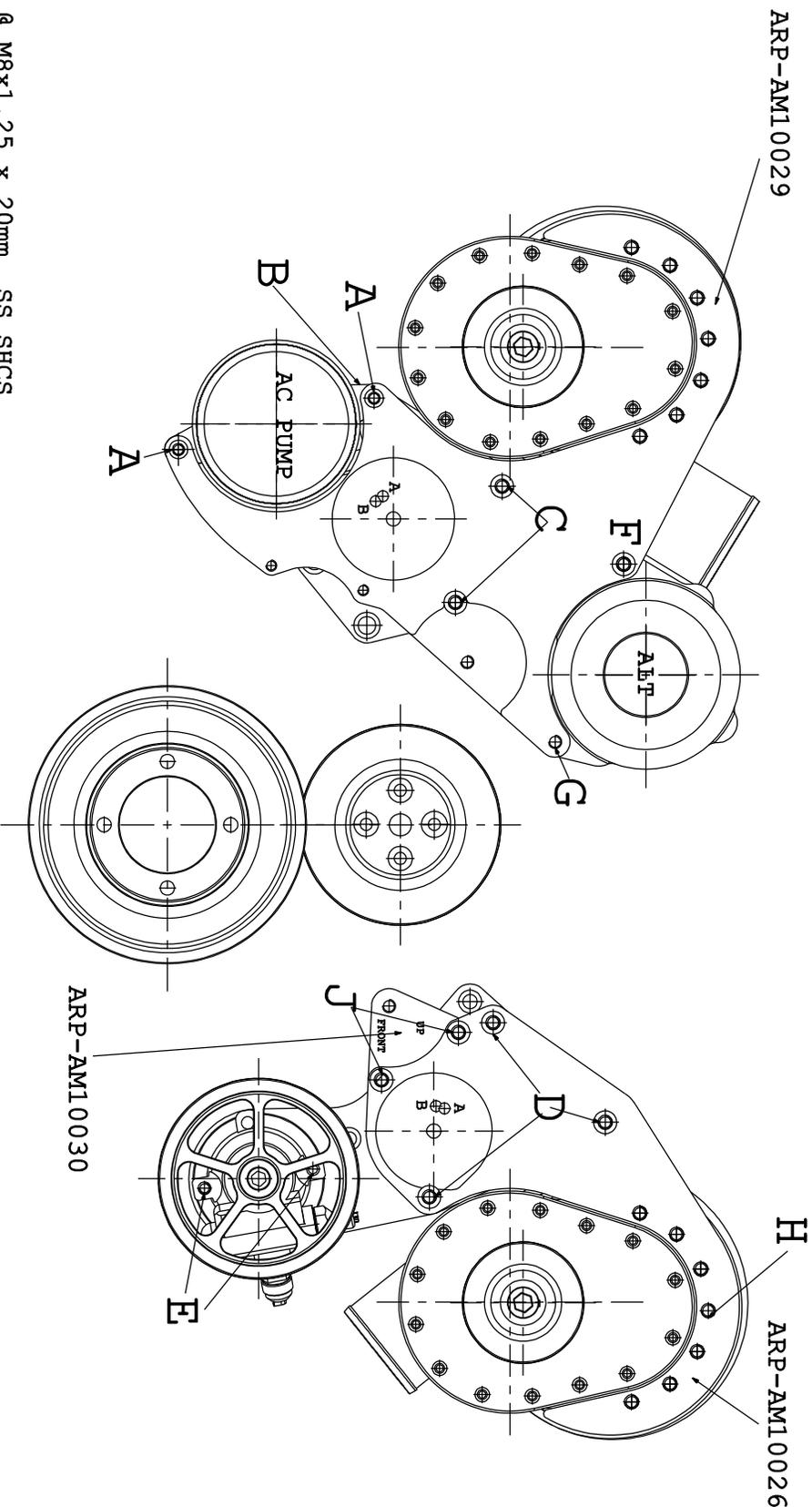
- A = 2 @ 7/16-14 x 3/4 SS SHCS
- B = 1 @ 7/16-14 x 1-3/4 SS SHCS
- B = 1 @ ARP-S-100-0750 SPACER (BETWEEN BRACKET AND HEAD)
- C = 3 @ 3/8-16 x 3/4 SS SHCS
- D = 4 @ 5/16-18 x 3/4 SS FHS
- E = 2 @ 5/16-18 x 3/4 SS SHCS
- F = 4 @ 3/8-16 x 1.0 SS SHCS

27/01/2020

Part #	Description
ARP-K-AMC-2XRA	HEAD BRACKET LAYOUT

TORO STORM
BILLET SUPERCHARGERS

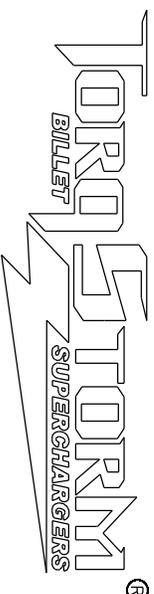
SUPERCARGER BRACKET LAYOUT



- A = 2 @ M8x1.25 x 20mm SS SHCS
- B = 1 @ M8x1.25 x 60mm SS SHCS (THE BACK EAR) with a nylock nut
- C = 2 @ 3/8-16 x 5-1/2 SS SHCS
- C = 2 @ ARP-S-750-4300
- D = 3 @ 3/8-16 x 6-1/2 SS SHCS
- D = 3 @ ARP-S-100-5275
- E = 2 @ 5/16-18 x 2-3/4 SS SHCS
- F = 1 @ 3/8-16 x 5-1/2 SS SHCS
- F = 1 @ ARP-S-100-2400
- G = 1 @ 3/8-16 x 2-1/2 SS SHCS
- H = 14 @ 3/8-16 x 1-1/4 SS SHCS with AN washers
- J = 2 @ 3/8-16 x 1-1/2 SS SHCS
- J = 2 @ ARP-S-750-0500 SPACER (BETWEEN BRACKETS 26 & 30)

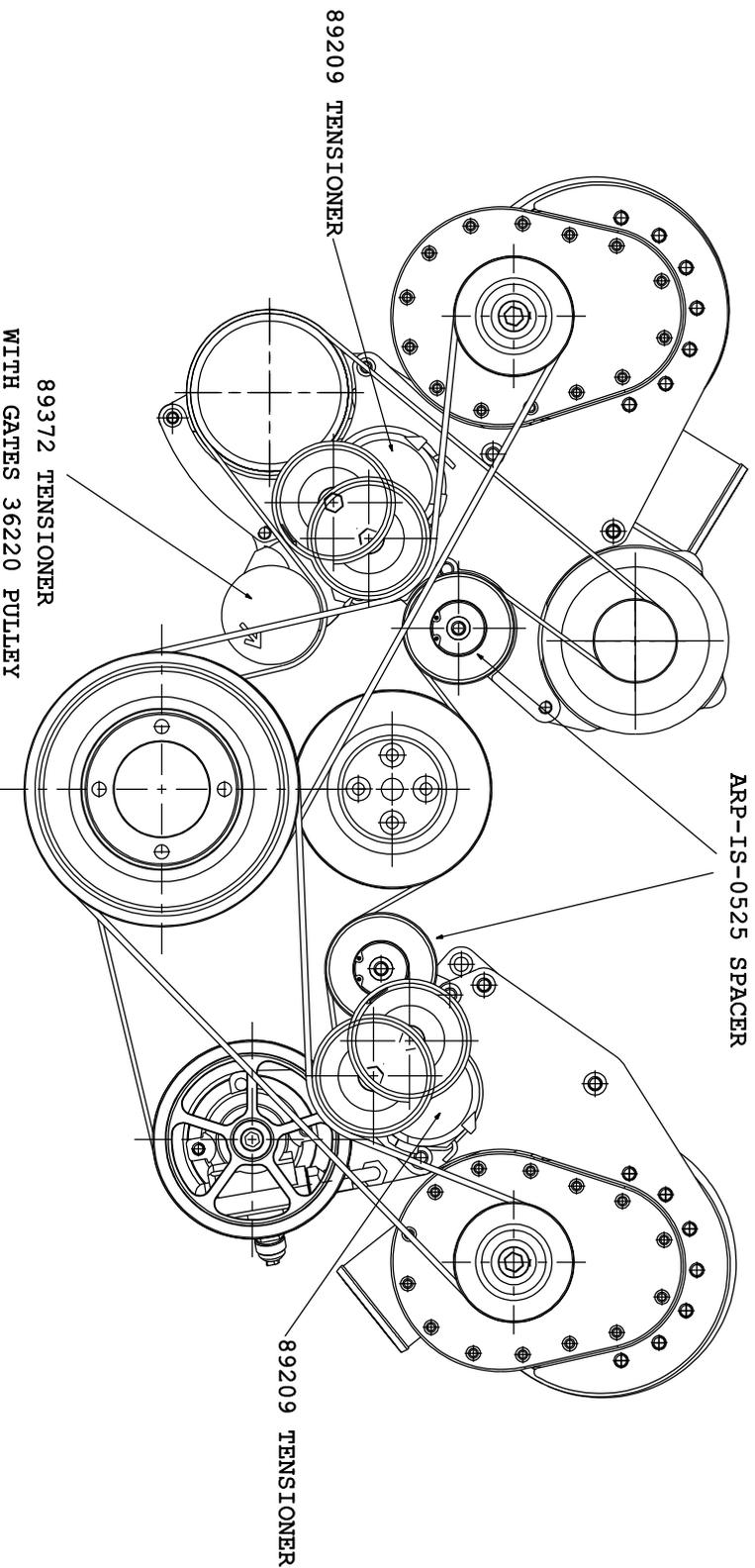
27/01/2020

Description
 SUPERCHARGER BRACKET LAYOUT
 Part #
 ARP-K-AMC-2XRA



BELT ROUTING

ARP-50001-N PULLEY
ARP-IS-0525 SPACER



SUPERCHARGER BELTS =

3.1 PULLEYS USE PIN "A" = GATES K080525
DAYCO 5080525

3.250 PULLEYS USE PIN "A" = GATES K080530
DAYCO 5080530

3.500 PULLEYS USE PIN "B" = GATES K080537
DAYCO 5080537

4.000 PULLEYS USE PIN "B" = GATES K080545
DAYCO 5080545

ACCESSORY BELT = DAYCO 5060820
GATES K060820

Illustration
Belt Routing

ARP-K-AMC-2XRA

