INSTALLATION INSTRUCTIONS

AIRCHARGER HIGH-FLOW INTAKE SYSTEMS

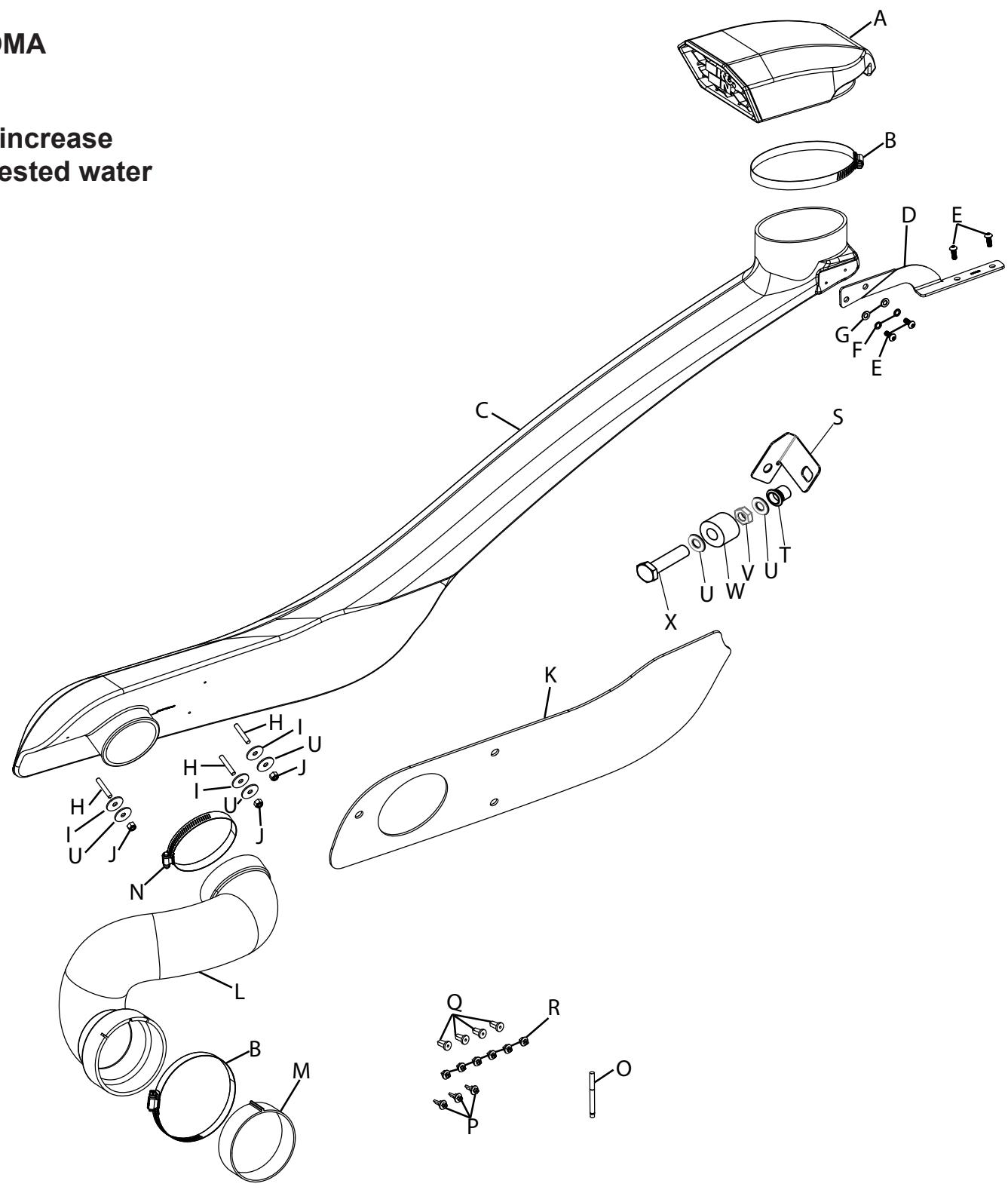
Not legal for sale or use in California on any pollution controlled motor vehicle.

63-8000

2016-23 TOYOTA TACOMA

V6-3.5L

NOTE: This kit will not increase the manufacturer suggested water fording limit.



TOOLS NEEDED:

Ratchet
Extension
10mm socket
13mm socket
Flat blade screw driver
Side cutters
Knife
Drill motor
5/8” drill bit
1/8” drill bit
25/64” drill bit
4” hole saw
4mm allen
9/16” wrench
Paint marker

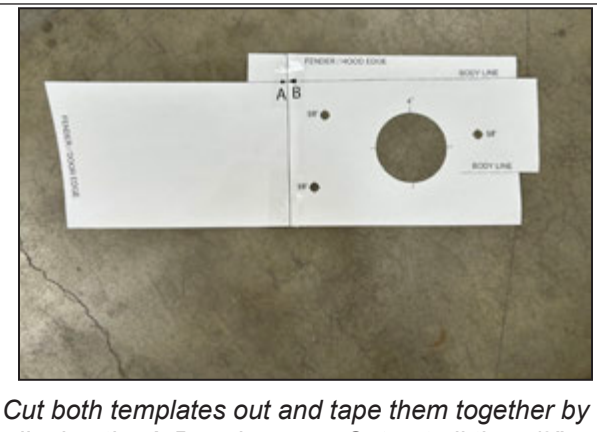
PARTS LIST:

	Description	Qty.	Part #		Description	Qty.	Part #		Description	Qty.	Part #
A	SNORKLE TOP; W/GRILL (PH)	1	087601	I	WASHER; 1” X .300 X .063 RBR	3	21685	Q	SCREW; GROMMET, INNER	4	080602
B	HOSE CLAMP; #72	2	08671	J	NUT; 6MM NYLOCK HEXHD	3	07512	R	CLIP; MOLDING, 10MM LONG	6	080603
C	SNORKEL; (PI)	1	087513-1	K	GASKET	1	09405	S	BRACKET; “L”	1	064377
D	BRACKET; SNORKEL MOUNT	1	010150	L	COUPLER; OFFSET, 3.5”ID X 14”L	1	084113	T	NUTSERT; RIVET, 6MM-1D	1	07555
E	BOLT; M6 X 1 X 16MM	4	07730	M	ADAPTER; SNORKEL AIRBOX	1	27319	U	WASHER; 1” X 1/4” HOLE	5	08160
F	WASHER; M6 SPLIT LOCK	2	1-3025	N	HOSE CLAMP; #56	1	08620	V	NUT; 3/8”-16, NYLOCK	1	08255
G	WASHER; 6MM FLAT	2	08269	O	THREADLOCKER; 2ML MED.	1	482	W	SPACER; 3/4”OD X 21/64”ID	1	06506
H	STUD; 6MM-1.00 X 35MM	3	08220	P	CLIP; MOLDING, 17MM LONG	3	080604	X	BOLT; M6-1 X 50, HEX/FLANGE	1	1-2070

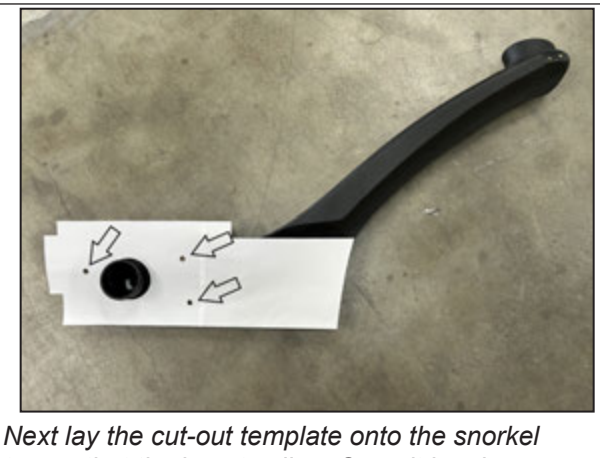
If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE SNORKEL.

NOTE: BEFORE PROCEEDING WITH INSTALLATION! Two complete templates are provided with these instruction sheets. One set of templates will be used to check against the provided gasket to double check hole and insert placement. The second template will be used to mark the holes to be drilled into the vehicle’s fender.



Cut both templates out and tape them together by aligning the A-B and arrows. Cut out all the 5/8” mounting holes and the 4” pass through hole on the first template only. Lay the fully cut-out template on top of the other to make sure they align. Next lay the cut-out template onto the fender gasket to make sure all the holes align.

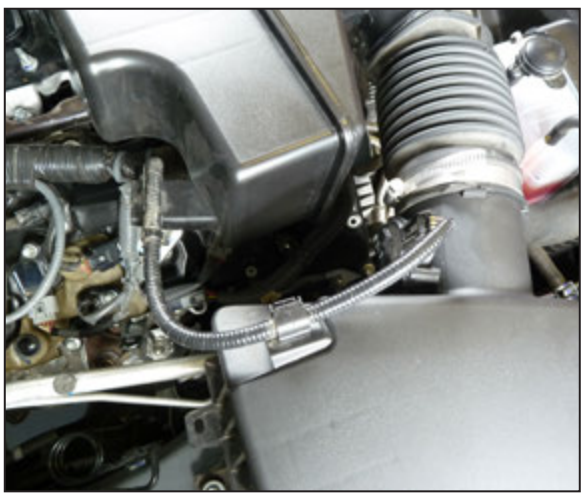


Next lay the cut-out template onto the snorkel to see that the inserts align. Once it has been determined the templates and components are all sized correctly you can proceed. If not, do not install and contact Technical support 800-858-3333.

TO START:

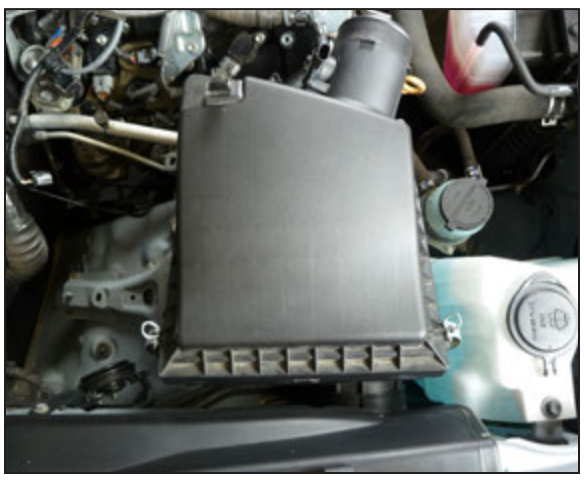
1. Turn off the ignition and disconnect the negative battery cable.
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code.

2. Lift up the engine cover and remove it from the vehicle.

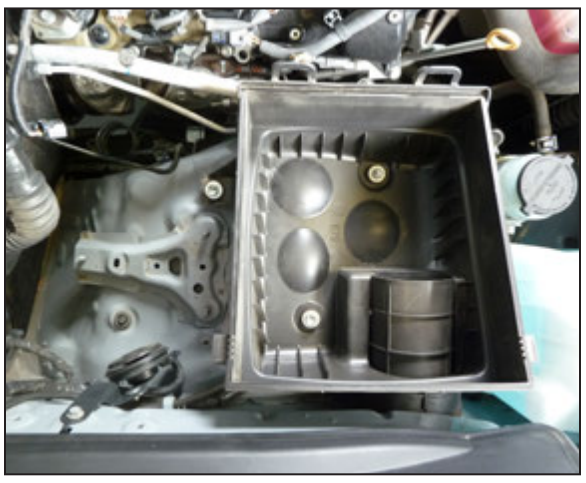


3. Disconnect the mass air sensor electrical connection and unhook the wiring harness from the air filter housing.

4. Disconnect the vent line attached to the factory intake tube and then loosen the two hose clamps that secure the tube. Remove the intake tube from the vehicle.

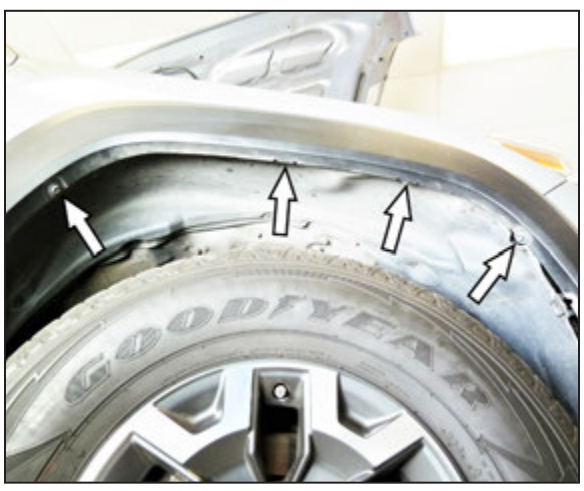


5. Release the clips securing the air filter housing lid and then remove the lid and air filter.

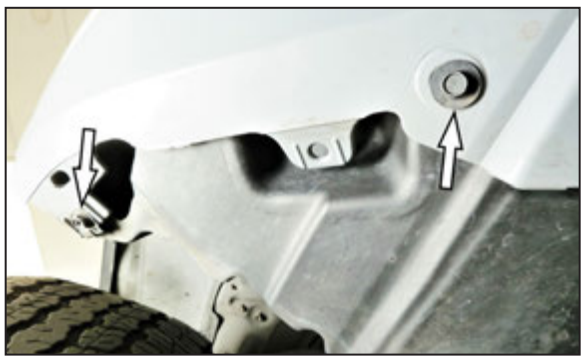


6. Remove the three bolts that secure the lower air filter housing and then remove the housing from the vehicle.

7. Remove the mud flap if equipped.



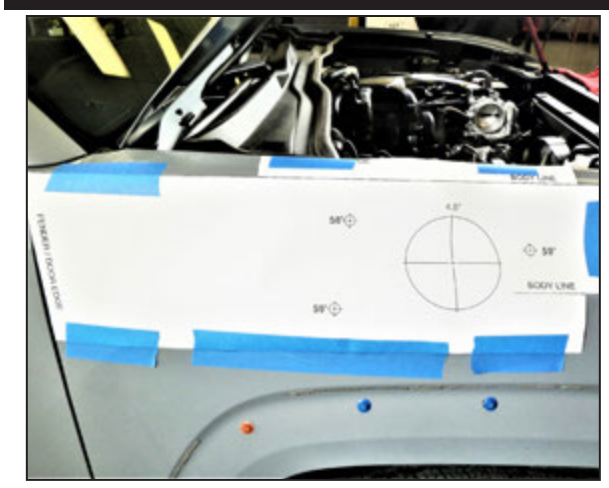
8. On vehicles equipped with fender flares, remove the four bolts that secure the flare to the fender.



9. Remove the two bolts that secure the inner fender to the bottom of the front bumper cover.

10. On vehicles equipped with fender flares, Pull the inner fender back and reach in to release the three clips that secure the front side of the fender flare. Pull the fender flare off the fender. **NOTE: the flare is held on with two different style clips that may be destroyed while removing the flare. New clips are included for reassembly.**

11. Remove the screws from the top two black plastic clips that secure the top of the inner fender and then remove the two clips. **NOTE: The easiest way to remove these clips is to cut the tops off with side cutters and then push the remaining parts through the fender. New clips are provided.**



12. With the 2nd template with no holes cut out, tape to the front fender as shown. Using the template guide, mark the four locations in the fender that will be drilled with a center punch or similar device**. NOTE: The fender sheet metal is thin, light tapping is all that is needed to mark the hole location.**

13. Drill a 1/8” pilot hole in all four locations to be drilled.

14.Drill three 5/8” holes for the snorkel mounting location and using a 4” hole saw, drill the 4” hole for the air duct. **NOTE: the 4” hole will be drilled through different angled surfaces, use caution while drilling to not distort the remaining sheet metal.**

15. Apply a coat of paint to the inside of the holes drilled to prevent corrosion.

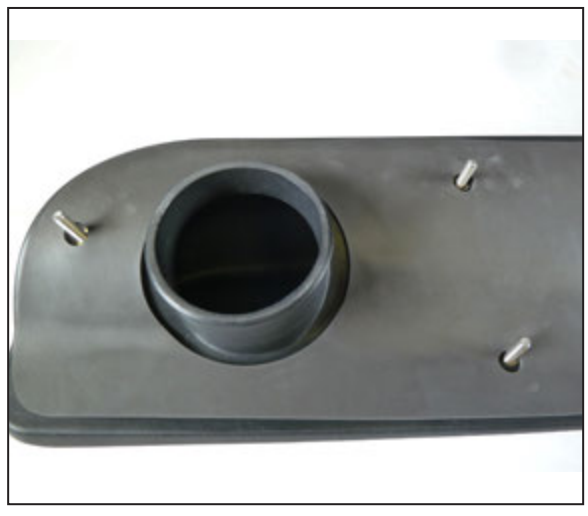
16. **Vehicles that are equipped with a factory TOYOTA roof rack, skip to step #20.** Using a small screw driver or similar device, pry up the roof trim to expose the inserted nuts in the roof channel.

17. Using a knife, slice the sealing tape to allow access to the inserted nuts. **NOTE: Do not remove the tape, slicing the tape will allow the bolt to pass through.**

18. Align the snorkel mounting bracket with the inserted nuts and secure with the provided hardware. **NOTE: Be sure to apply the provided thread locker to the mounting bolts before installation.**

19. Set the roof trim back in position and note where the bracket interferes with the trim. Using side cutters or a razor blade, trim the roof trim so that it will lay flat back into the channel and around the bracket.

20. Peel the paper backing off the cushion pad and then apply the pad to the snorkel as shown.

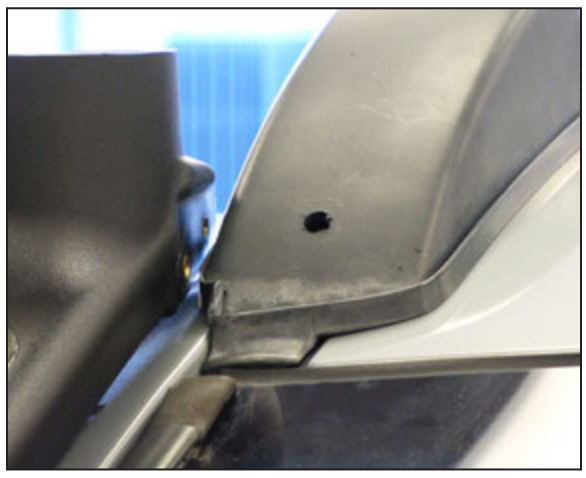


21. Install the three m6 studs into the snorkel as shown.

22. Secure the snorkel to the fender with the provided rubber washers, fender washers and flange nuts.

23. **On vehicles without a factory TOYOTA roof rack,** install the snorkel onto the fender and secure it to the top mounting bracket with the hardware provided.

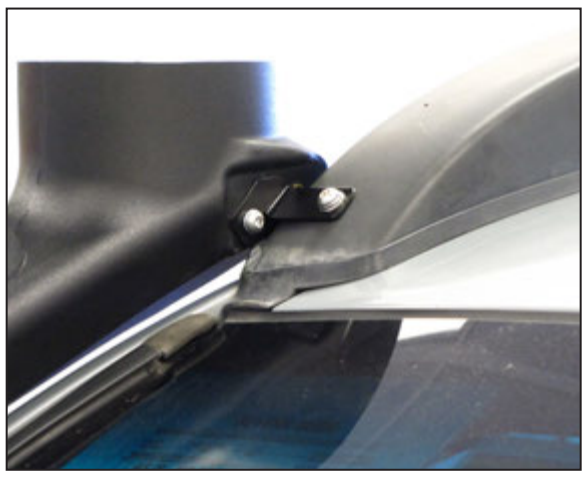
24. On vehicles equipped with a factory TOYOTA roof rack, intall the snorkel onto the fender with the provided top bracket. Mark the location for the hole to be drilled into the roof rack.



25. Drill a 1/8” ID pilot hole into the marked location on the roof rack and then drill a 25/64” ID hole.

26. If a Rivnut setting tool is not avaliable, assemble the provded hardware as shown to install the Rivnut. **NOTE: The nut passes over the threads of the bolt, it does not thread on.**

27. Using a 9/16” wrench to hold the nut and a 10mm socket and ratchet to tighten the bolt while applying downward pressure on the bolt. This compress the Rivnut and grip the plastic of the roof rack. Tightening force will be high initially and then lessen until the Rivnut is set. Force will ramp up again once set, do not over tighten.



28. Install the upper mounting bracket and secure with the provided hardware.

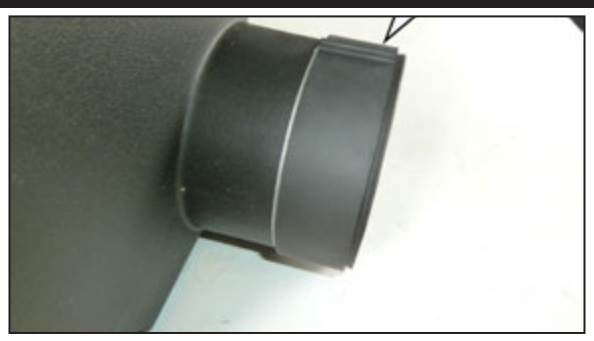
29. Install the snorkel scoop onto the snorkel and secure with the provided hose clamp.

30. Install the flexible duct onto the snorkel and through the opening into the engine compartment. Adjust for best fit and then secure it to the snorkel with the provided hose clamp.

31. Replace the two inner fender retaining clips with the clips provided and then reinstall the two factory screws.

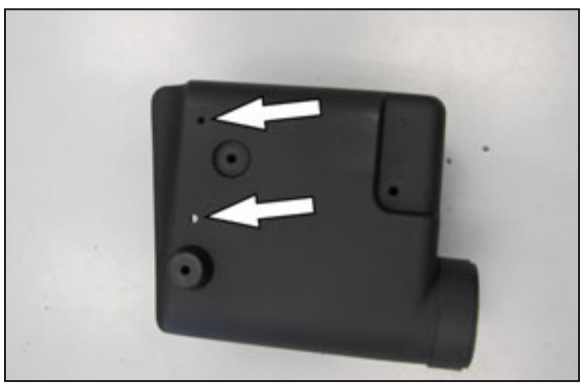
32. If equipped with fender flares and or mud flap, reinstall them onto the fender.

33. Reinstall the lower air filter housing and secure with the factory hardware. Secure the snorkel duct to the air filter housing with the provided hose clamp. **NOTE: It may be necessary to move the washer bottle to gain access and tighten the hose clamp.**



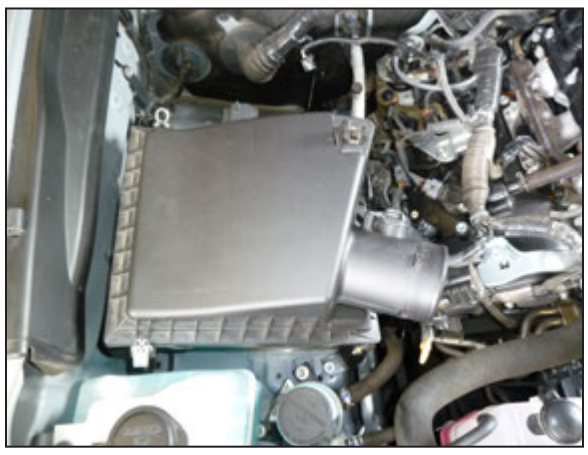
34A. if using an AIRAID intake kit (AIR-511-309), install the provided flexible spacer onto the AIRAID filter housing inlet as shown. Using a marker, draw a line around the inlet using the spacer as a guide.

34B. Cut the inlet of the housing at the marked line.



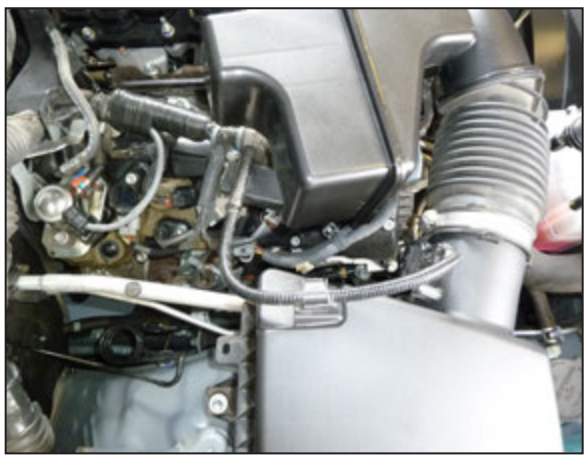
34C. Drill two 3/8” ID holes into the bottom of the AIRAID air filter housing for water drainage.

34D. Install the flexible spacer into the flexible duct as shown and then the AIRAID air filter housing can be installed.



35. Install the air filter and upper housing to flexible spacer and secure using provided clamp.

36. Reinstall the intake tube and secure with the factory hose clamps. Reconnect the vent lines.



37. Reconnect the mass air sensor electrical connections and secure the wiring harness.

38. Reinstall the engine cover.

39. Reconnect the vehicle’s negative battery cable. Double check to make sure everything is tight and properly positioned before starting the vehicle.

40. It will be necessary for all K&N® high flow intake systems to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void warranty.

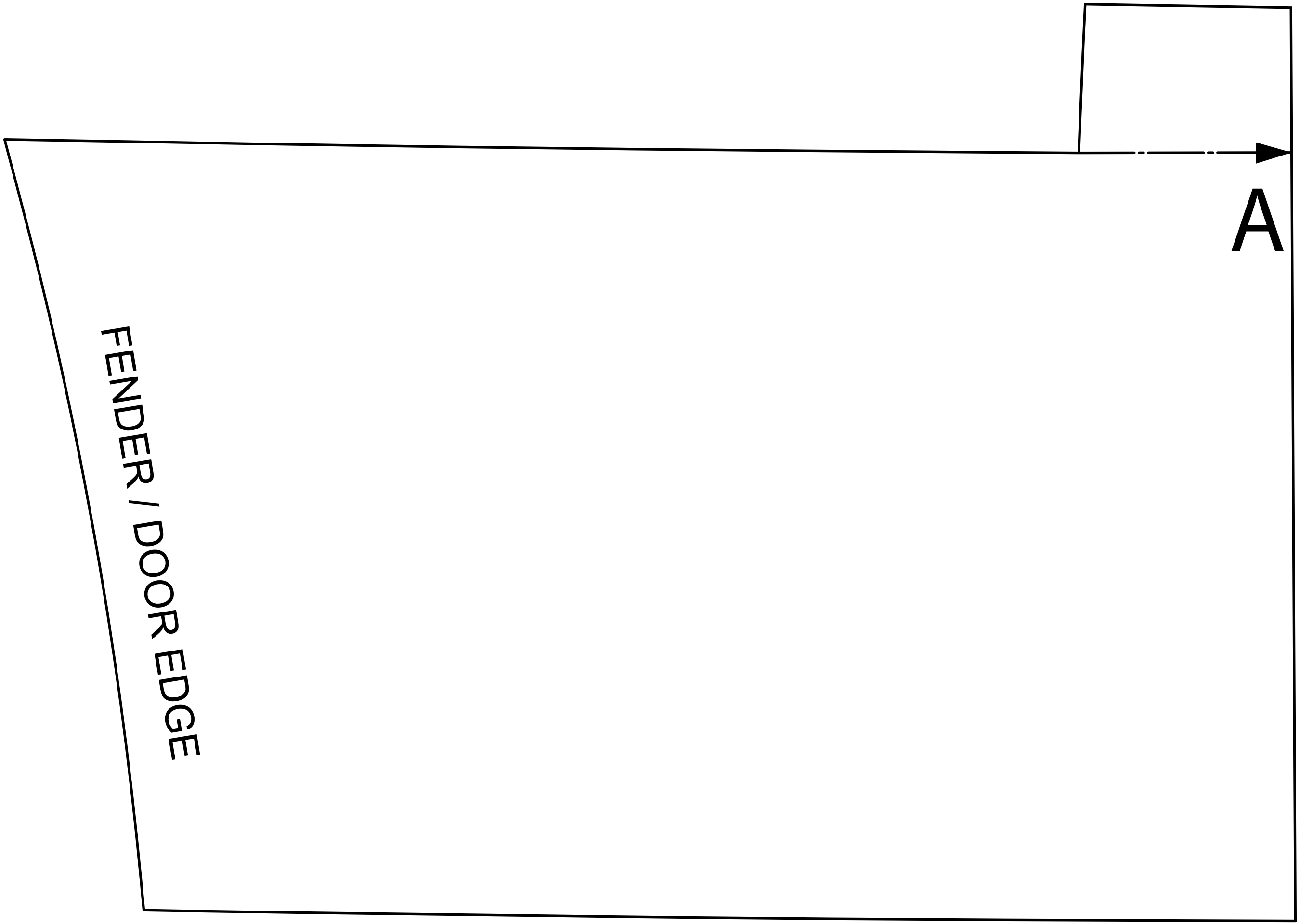
ROAD TESTING:

1. Start the engine with the transmission in neutral or park, and the parking brake engaged. Listen for air leaks or odd noises. For air leaks secure hoses and connections. For odd noises, find cause and repair before proceeding. This kit will function identically to the factory system except for being louder and much more responsive.

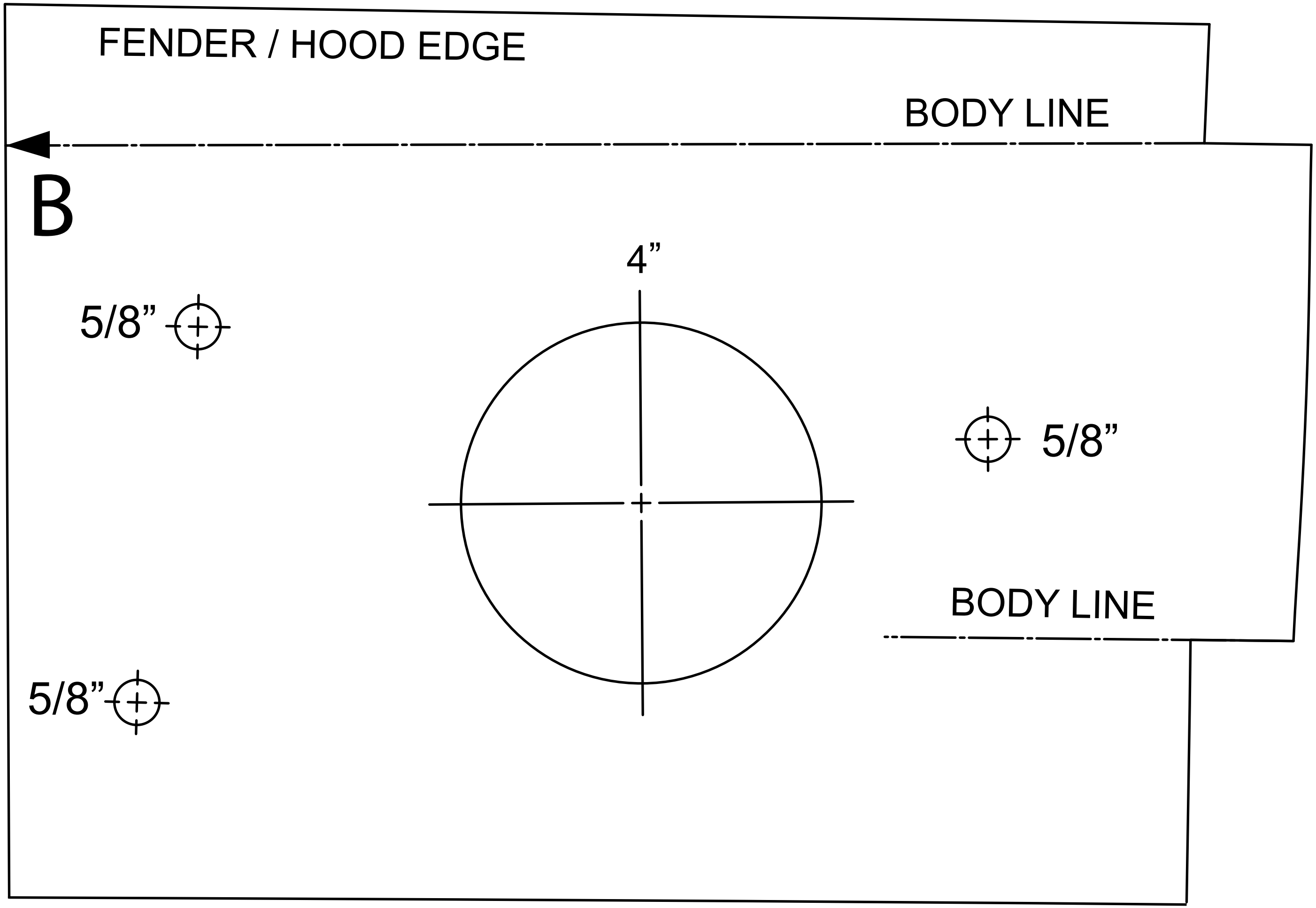
2. Test drive the vehicle. Listen for odd noises or rattles and fix as necessary.

3. If road test is fine, you can now enjoy the added power and performance from your kit.

4. K&N Engineering, Inc., requires cleaning the intake system’s air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean and re-oil, purchase our filter Recharger® service kit, part number 99-5050 or 99-5000 and follow the easy instructions.



MUST BE SCALED AT 100% REV A 8/22/25



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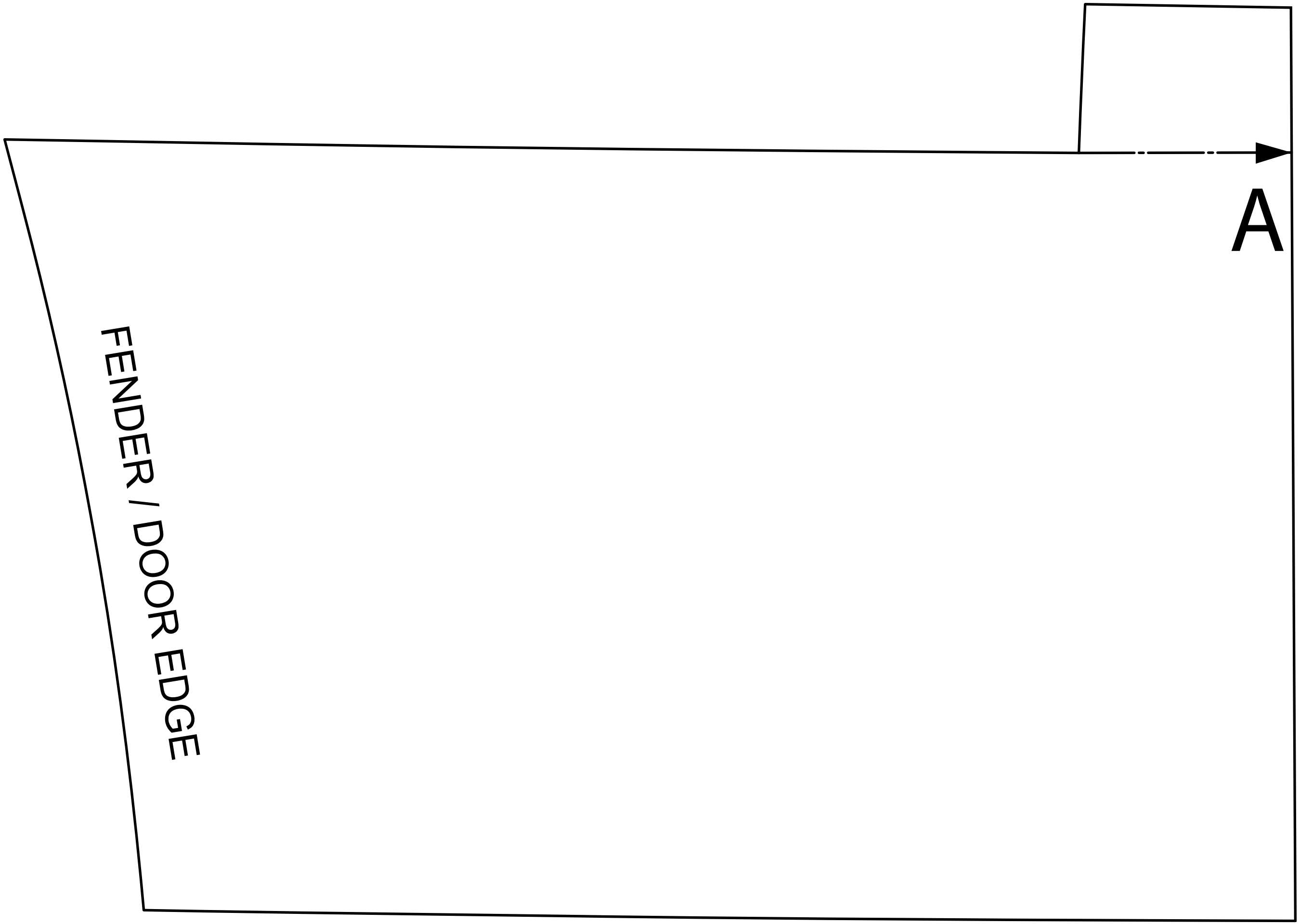

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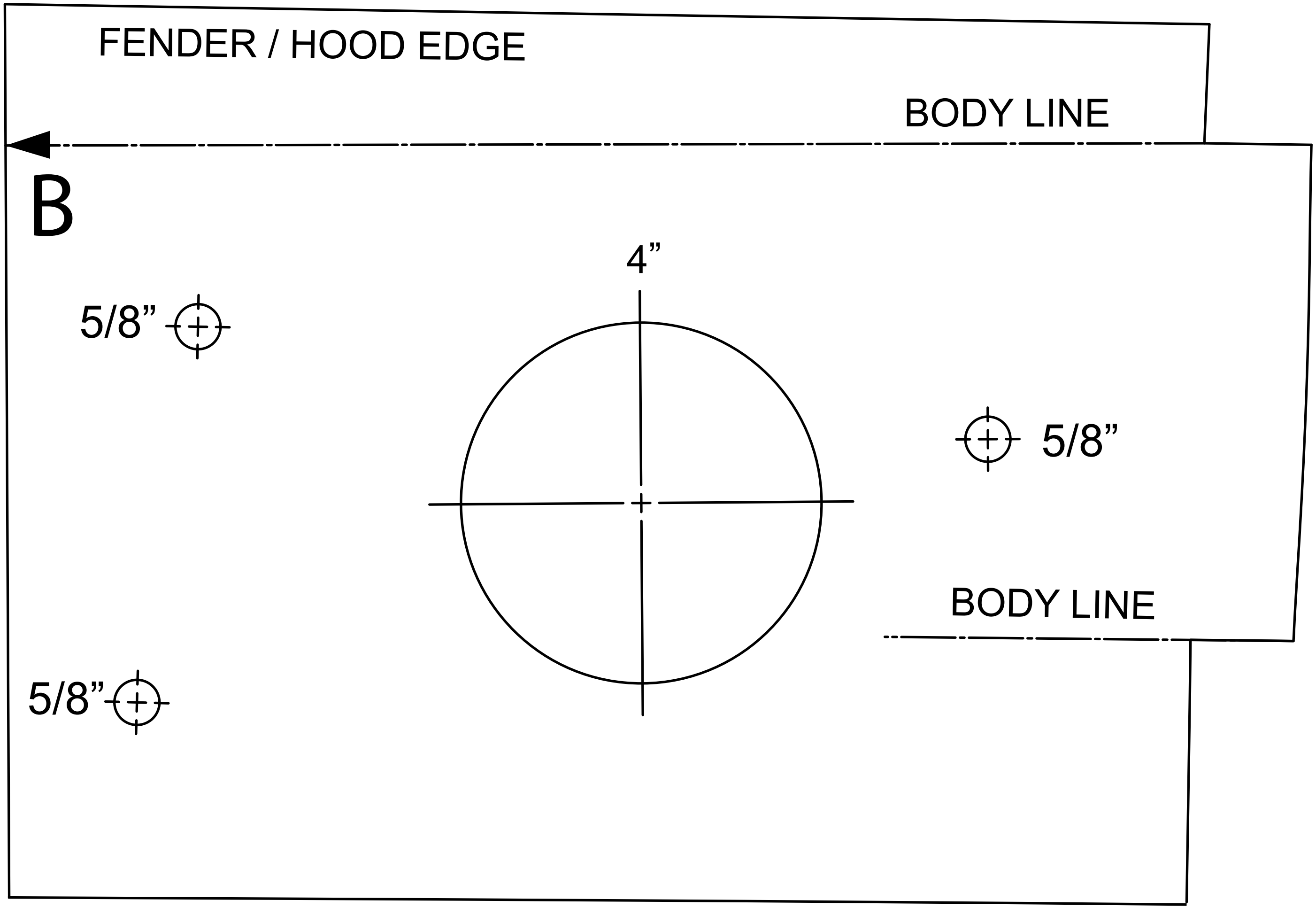

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