

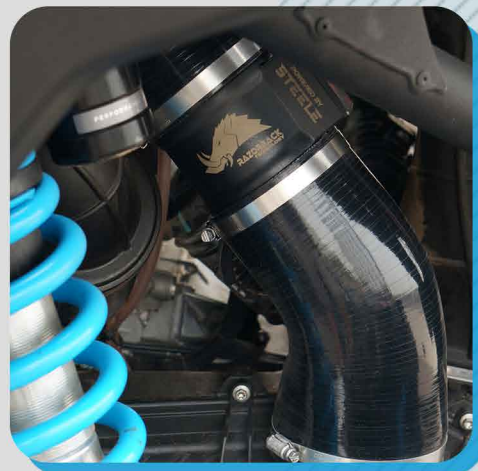
RAZORBACK
— TECHNOLOGY



Razorback Belt Cooling Fan
USER MANUAL

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PARTS

* The following items are included with your new fan and are required for installation.



WIRE CONNECTORS



POWER HARNESS



(2) HOSE CLAMPS



COMMUNICATION HARNESS



PRODUCT OVERVIEW

The Razorback Belt Cooling Fan utilizes SRP's race proven GEN4 brake and tire blower as the primary cooling system to thermally manage belt temperatures. It is the latest generation high speed, automotive-grade brake, and tire cooling blowers available in the market. By communicating via PWM to Razorback's temperature gauge, the fan will adjust speed based off the temperature input to the fan controller logic.

FEATURES

1. Directly pairs with the Razorback belt temperature gauge.
2. Automotive-grade electronics enclosure / IP67 rated.
3. Aerodynamically designed for the highest CFM output and dynamic pressure.
4. Designed and developed from CNC billet 6061 & 7075-grade aluminum.

SPECIFICATIONS

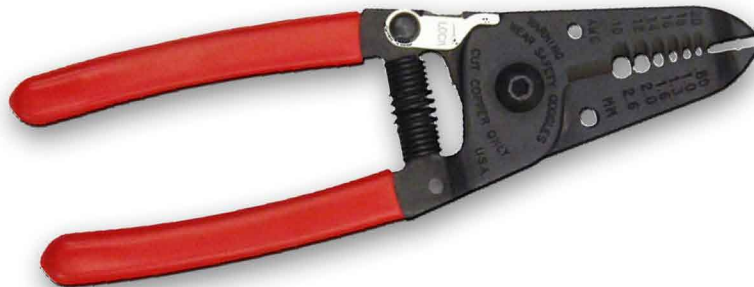
AIR FLOW (CFM)	431
MAX PRESSURE (IN/H2O)	4.71
CURRENT (AMPS)	0 - 15.77
OPERATING TEMP RANGE	-40 - 295°F (-40 - 146°C)



INSTALLATION GUIDE

REQUIRED TOOLS

- Flat Head Screw Driver • Wire Strippers • Wire Crimper



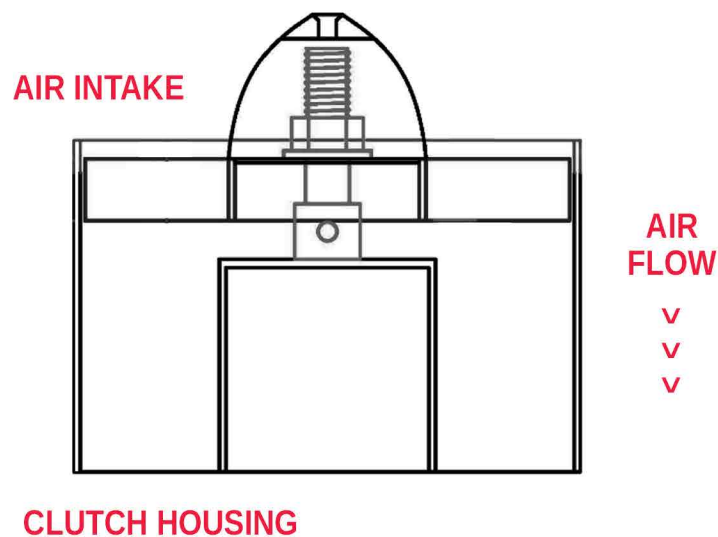
STEP 1

Remove stock hose from clutch housing (see image diagrams on pages 7-11 to identify your machine hose). If you received custom hoses with your fan, install where you removed the stock hose. It is easier to install the two custom hoses and then install the fan between them. Once the Belt Cooling Fan and hoses are inserted into the correct position (see below diagram), with the fan oriented so that air flow aims toward the clutch housing (fan propeller should face away from the clutch housing), tighten the hose clamps to ensure the fan is secure. **If secured improperly, a detached fan can potentially result in harm to you and/or damage your machine.**

WARNING

Do not have the Belt Cooling Fan plugged in until fully installed!

FAN ORIENTATION



STEP 2

Remove seating and plastic covers necessary to run the power harness to the battery/busbar and communication cable to the blue cable on your Razorback 3.1 Infrared Belt Temperature Gauge power harness.

WIRING

1. **Communication Cable:** Run the communication cable from the Infrared Belt Temperature Gauge's blue cable to the fan before connecting the two cables together. This way, you can trim cable to desired length. Wire connections will be brown to red and black to black. See page 6 for the full wiring schematic.

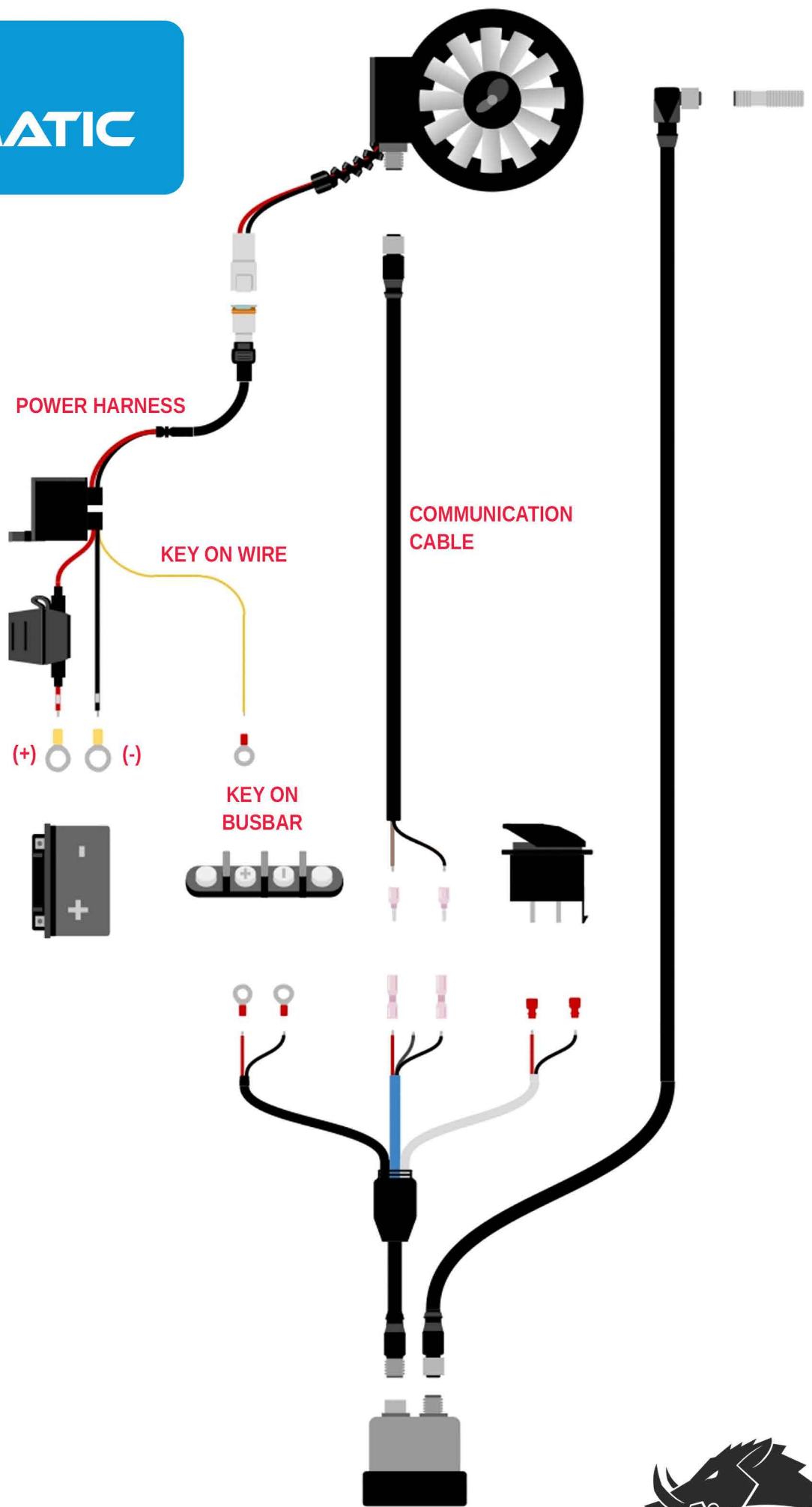
2. **Power Harness:** Run the Deutsch connector back to the fan from the battery before hooking up cable to battery. This way, you can trim and coil any excess cable. Attach your red wire labeled "positive" to the (+) terminal and the black wire labeled "negative" to the (-) terminal with provided crimp on wire connectors.

3. **Key On Wire:** Attach yellow wire to key on busbar with crimp on wire connector. CanAm key on busbar is located in the tunnel between seats on the passenger side. Polaris is located in the center front dash.

That's it! Your machine is ready to turn on. Once the machine is running, you will hear your new Razorback Belt Cooling Fan turn on in approximately 5 seconds.



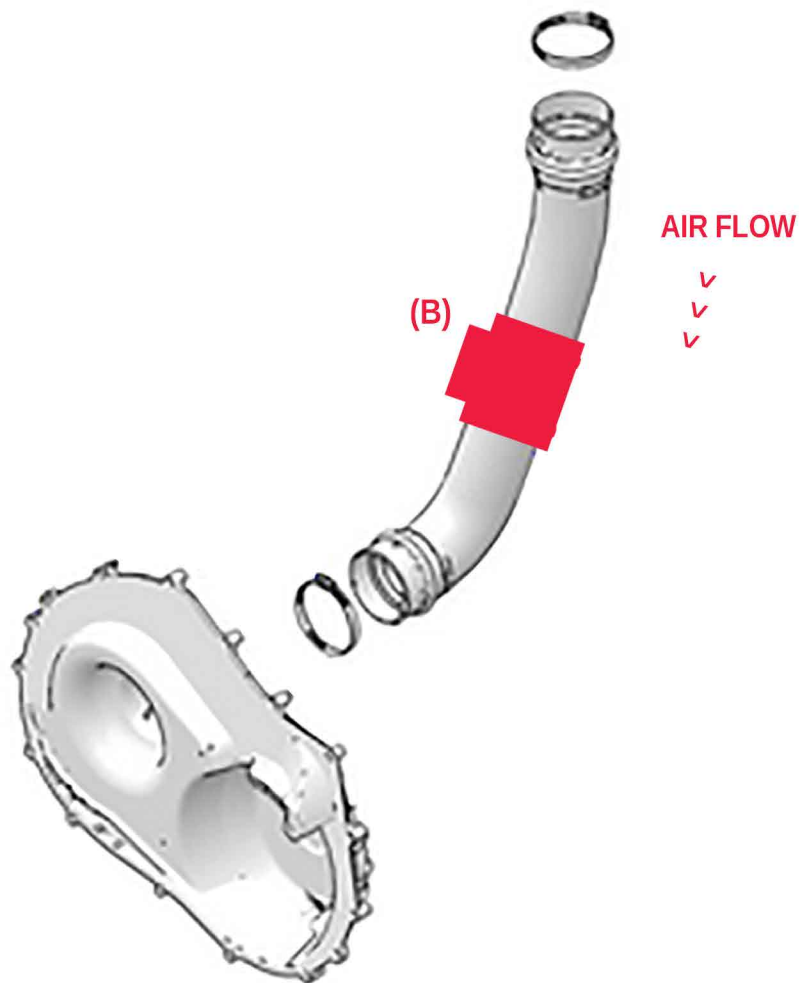
WIRING SCHEMATIC



HOUSING DIAGRAMS

2020-2022 RZR PRO XP/XP4

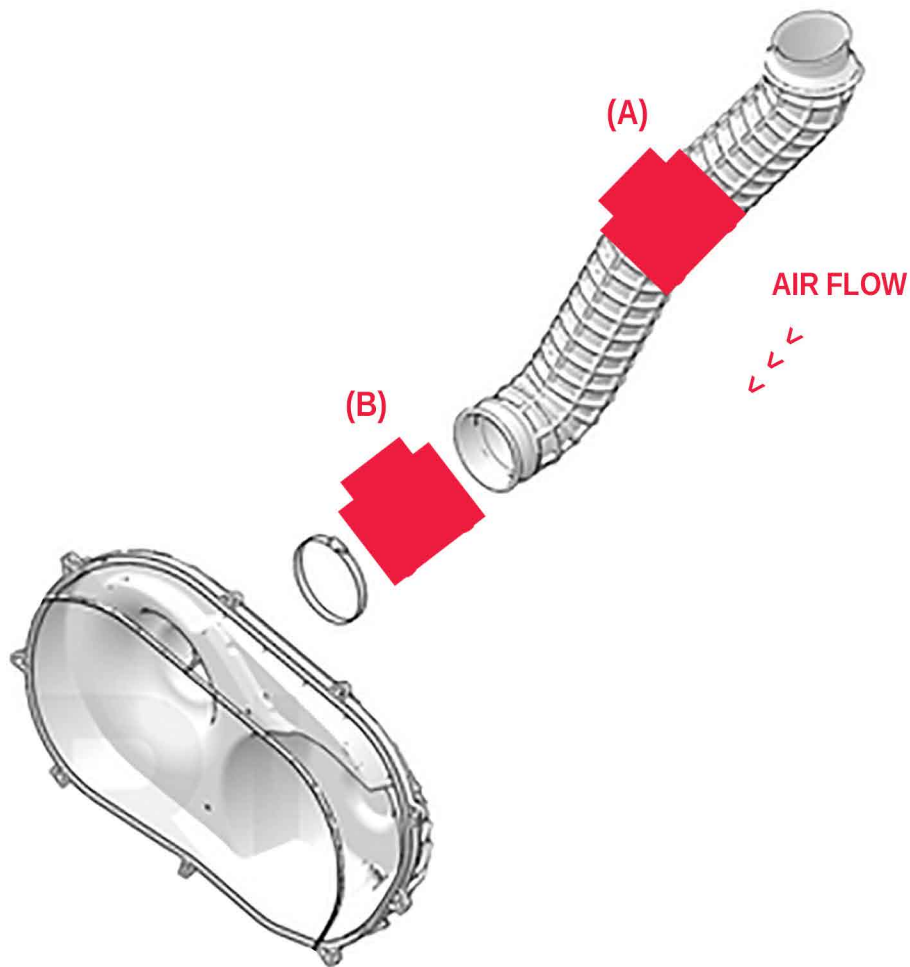
- (A) Remove and replace with custom hose, or
- (B) cut out 2.6 inches and mount fan with two couplers (*not included).



HOUSING DIAGRAMS

2018-2021 RZR TURBO S/S4 2019-2021 XP/XP4 TURBO

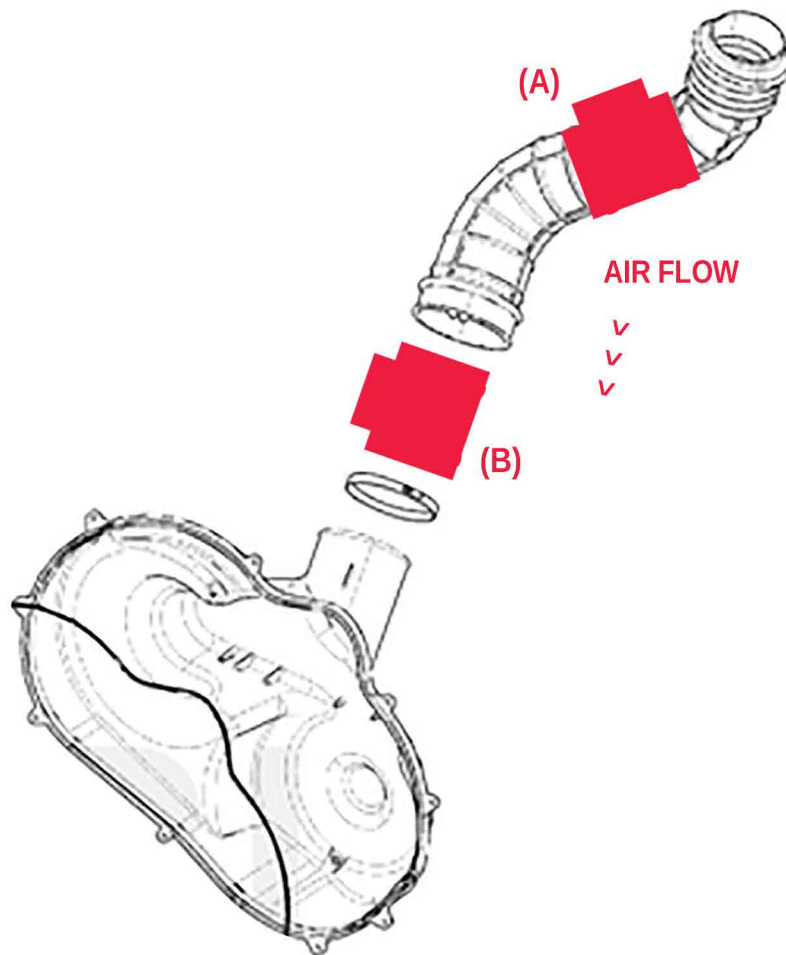
- (A) Remove and replace with custom hose, or
- (B) attach fan to clutch housing with the 2" coupler provided.



HOUSING DIAGRAMS

2016-2018 RZR XP/XP4 TURBO

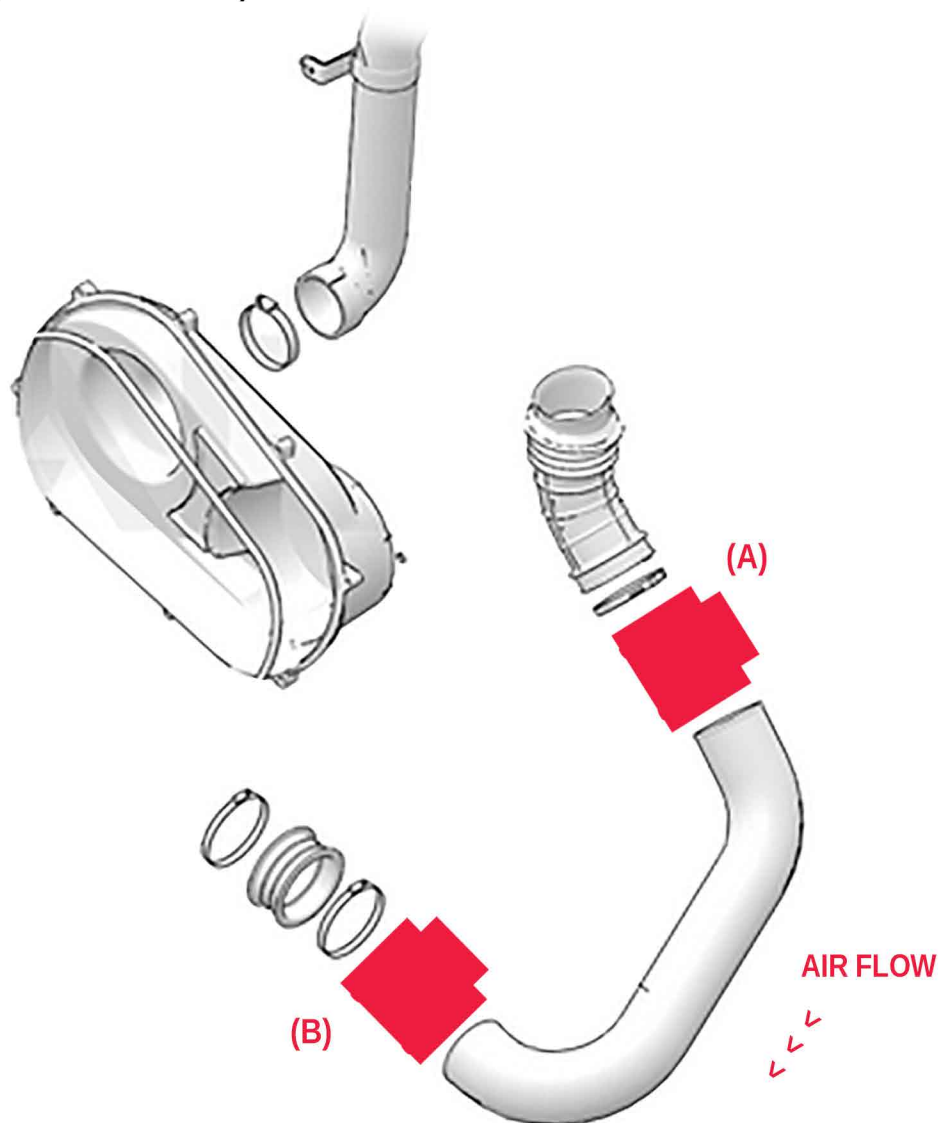
(A) Cut 2.6 inches out of tube and insert fan, or
(B) insert fan with 5" to 4" reducer adapter (*not included) according to diagram.



HOUSING DIAGRAMS

2016-2022 XP/XP4 1000

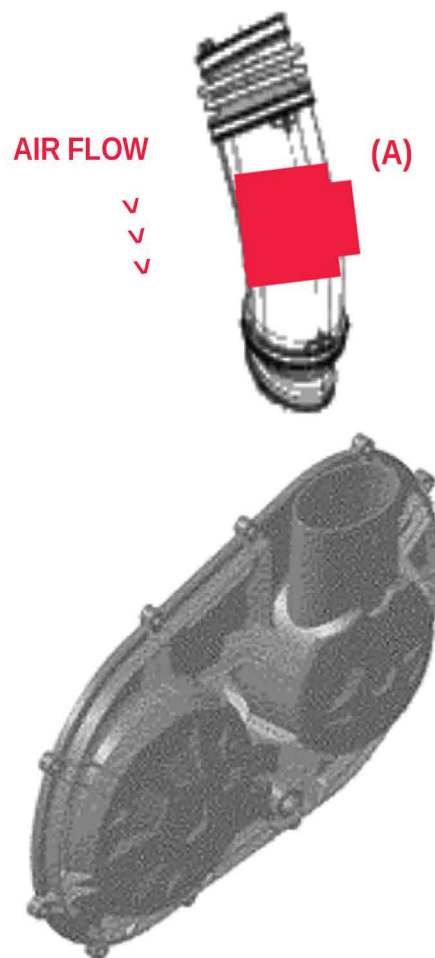
(A) Use reducer from 4" to 3" where circled (not included).



HOUSING DIAGRAMS

2016-2021 MAVERICK X3

(A) Remove and replace with custom hose.



WARRANTY

REGISTER YOUR FAN

Your Razorback Belt Cooling Fan is covered by a one year warranty. During this twelve month period, your fan is covered from faulty parts, manufacture, or workmanship. To activate, please register your fan at razorbackusa.com/warranty.

WARRANTY CLAIMS

If you experience issues with your fan, please submit a warranty claim by **emailing** or **calling us**. Once your claim is received and reviewed, we will work towards an immediate resolution.

CONTACT

techsupport@razorbackusa.com
(888) 525 - 2858 (Extension 2)



RIDE WITH CONFIDENCE

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