

ALBA RACING XP1000 CLUTCH BLOWER INSTALL

-Start by removing the intake duct and exhaust duct for the clutch system.

-To do this first remove the rear driver side bed cover.

-You will see the rubber inlet hose sitting underneath it.

-Carefully push down on the rubber inlet and pop it out of its rubber lip.

-Remove the single clamp holding the clutch intake tube to the clutch housing.

-You should now be able to remove the complete intake tube.

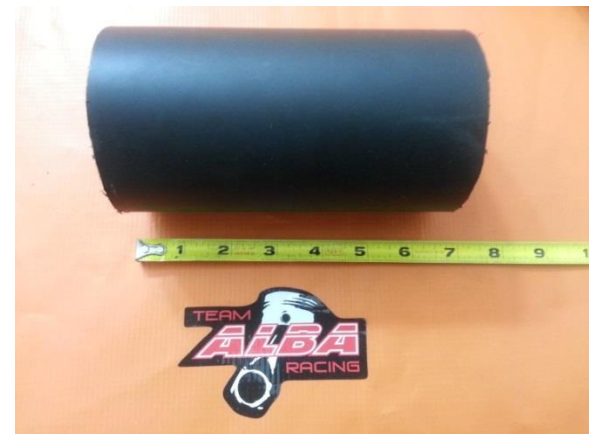
Remove the single clamp retaining the clutch exhaust tube and carefully pull it off. It will have a metal grate at the open end of it.

-Drill the hole for the sender right at the beginning of the exh. Clutch tube as shown in the top picture.

-You are now ready to make your cuts to the intake tube to allow for the installation of the blower.

-You will be removing approximately 6.5" of tube from the center of the straight section.

-Use the provided template to make your cuts. It does not have to be perfect as you will have some room to move the blower one way or the other with the couplers.



-You should now have your 3-piece factory tube.

-Looking at the top picture on the right you can see how this is going to lay out.

-Tighten the inner clamps with the couplers installed on the blower.

-Snug, but do not tighten the outer clamps. You will want to leave them a little loose until the complete assembly is back in the car.

-Loosely fit the tube back into the clutch housing. Do not tighten the clamp yet.

-Re-install the top of the tube into the fender and make sure that the lip is seated completely.

-Now that everything is loosely in place push the blower fan towards the frame to secure with the provided zip-tye's.

-Once you are happy with with placement tighten the remaining 3 clamps.

-Tighten and trim your zip-tye's and you are ready to proceed to wiring.

If you have any questions please call Alba Racing at 619-562-0188 for assistance.



XP1000 BLOWER FAN RELAY WIRING

Wiring the relay to the gauge and blower is a pretty simple process and the wires are color coded.

Let's begin with mounting the relay.

-Remove the front hood.

-Locate the factory power supply panel. There will be three posts that are labeled.

ACC

Ground

Batt

-Drill and mount the relay directly to the left of the power supply panel.

-Connect the red wire with the small eyelet to the ACC port. Be sure not to over tighten the 10mm nut holding it.

-Coming off of the Alba Belt Temp Gauge there is a Green wire. Connect the corresponding Green from the relay to it.

-Route the yellow wire back to the blower fan and connect to the power wire on the blower fan.

-Ground the black wire from the blower to a solid point on the chassis and that will complete the wiring for the fan relay system.

Gauge Programming Button Style: (Has a physical button on face)

To program the activation temperature of your blower fan you will do the following:

1. Hold the button on the face of the gauge down, and then turn the ignition power to ON.
2. The gauge will sweep to the current set activation temp (If it is not programmed it will do a full sweep)
3. Then it will do a full sweep (Needle should go to 280)
4. The needle will slowly start to fall back, hit the button at the desired activation temp. (Note: The needle will stop at the current activation temp, then continue to fall after 1-2 seconds)
5. Turn the ignition power to off, Temp is now programmed.

Gauge Programming Non Button Style:

To program the activation temperature of your blower fan you will do the following:

1. Power up gauge with sensor unplugged
2. Jumper sensor wires together for about 2 seconds
3. Gauge will sweep to max temp. and slowly come down. Disconnect jumper.
4. Needle will start to slowly sweep down, re-jumper wires at desired temperature. Needle will stop. Temp is now programmed.

If you have any questions please call Alba Racing at 619-562-0188 for assistance.

