

BEAST ON BOARD AIR BRACKET INSTALLATION GUIDE - 16+ Tacoma



****Professional installation highly recommended without sufficient automotive electrical / wiring knowledge**

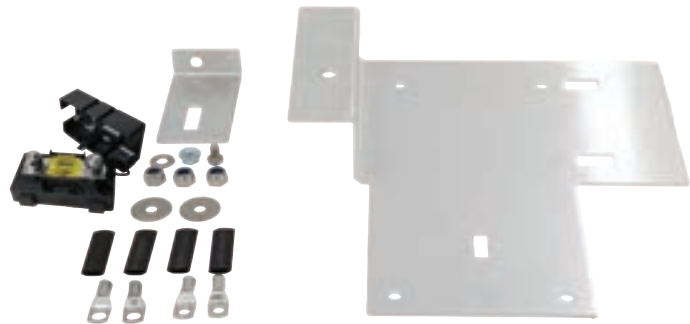
TOOLS NEEDED

- 10mm Wrench
- 10mm Socket
- Ratchet
- Phillips Screwdriver
- Pliers
- Lighter / Heat Gun
- Wire Cutters / Crimper

INSTALL TIME

2-4 Hours

1. Start by unboxing your Beast Air Compressor and Beast On Board Air Bracket and grabbing the necessary tools outlined above.



2. Make sure your engine is not hot. Open your hood and remove the factory horn on the passenger side near the airbox by unclipping the plug and removing the 10mm bolt



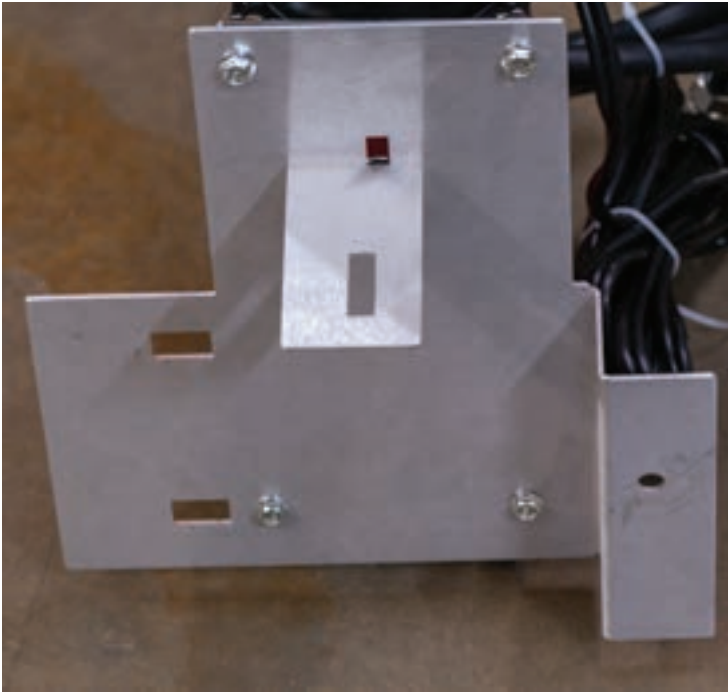
3. The factory horn bracket will need to be slightly modified. You can either bend the tip of the bracket so its flat, or you can shave it off completely. When finished, set it to the side for reinstallation in later steps.



4. Remove the 10mm bolt that fastens the brake lines to the frame. Keep this bolt as it will be reused to secure the bracket.



5. Lightly secure the support bracket using the allen head screw, washer and locking nut. Do not install the Beast Air Compressor to the bracket yet, this will be done in a later step.



6. Place the Beast OBA Bracket over the factory studs. Align the support bracket so it sits against the frame and is behind the break line bracket. Once in place, mark the location of the allen head bolt for the support bracket as shown. Remove the bracket from the engine bay and tighten the support bracket in place per the marking.



7. Remove the Beast Air Compressors base plate. Keep the nuts and bolts from this as we will be reusing them to secure the beast to the OBA bracket.



8. Install the Beast Air Compressor to the OBA bracket using the factory Beast bolts.



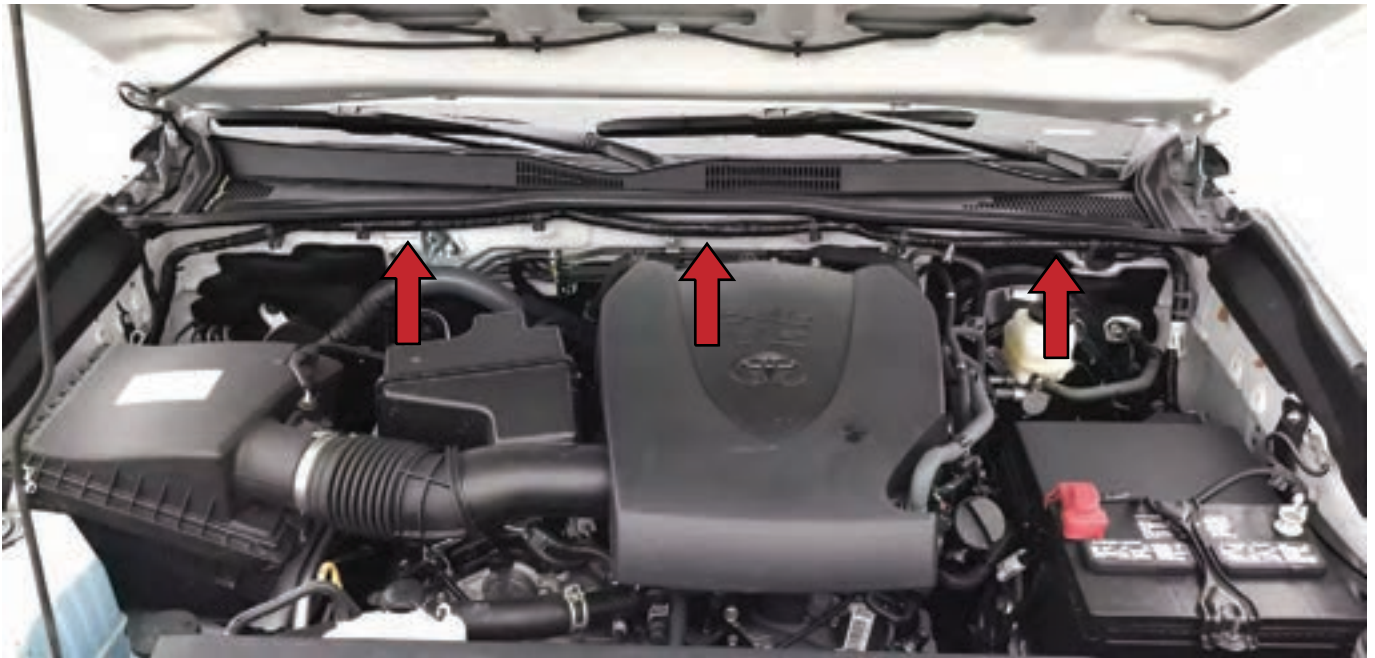
9. Place the Beast Air Compressor with the attached OBA bracket into the engine bay. Ensure your support bracket is in the correct location while lowering the Beast into the bay.



10. Once in place, ensure the Beast is not touching the engine bay and secure the bracket using the 3 nylon nuts/washers to the factory studs. You will only need washers for the 2 studs near the airbox. Reinstall the horn to the exposed bolt hole in the engine bay and reattach the harness clip.



11. Lay the battery wires in the engine bay along the factory harness and zip tie them to secure them out of the way. Once the wire reaches where you would like to place the fuse, cut off the excess wire and battery terminal clamp for the positive wire only. Keep the excess wire as you will be re-using a small portion of it.



12. Crimp the wire terminal end to the cut positive wire on the beast, apply the heat shrink and secure the fuse to the terminal end. Using the excess wire, measure the length needed to reach from the fuse box to the positive terminal. Cut the wire and add crimp the terminal connectors on both ends and apply the heatshrink.



13. Run the negative Beast wire to the negative terminal and cut the clamp off. Crimp the wire terminal connector to the cut wire and secure it to the battery ground. You can also connect the positive wire to the positive terminal at this time.

From
Negative
Wire on
Compressor



From
Positive
Fuse Box
Wire on
Compressor



Connect each
to
Battery
Terminals
→



9. Reinstall the factory airbox and you are finished! Keep the air hose stored behind the compressor so it does not touch the piston housings on the far left and right. Enjoy the time saved and storage space gained from the Beast being stored out of the way and only having to flip the switch on the compressor to turn it on!



OPTIONAL UPGRADE — OEM IN-CABIN SWITCH

Control the beast via a switch panel or switch inside your vehicle!



1. Ensure positive wire is disconnected from battery. Before the fuse, cut the positive wire on the compressor and crimp / heatshrink the terminal connectors onto each cut end. Connect the terminal connectors to each terminal on the relay. Secure the relay via a zip tie to the wiring harness on the firewall.



2. Connect the provided wiring harness to the relay and run the wires into the cabin. We suggest running the wires through the existing rubber harness firewall grommet by poking a small hole in it.



Connect to relay and run other ends through wiring harness firewall grommet



3. In the cabin, remove the small switch panel where the blank switch is and install the air compressor switch. Connect the wiring connector ends to the switch harness. Run your switched positive wire from the fuse box via the included fuse adaptor, included ground wire, and connect them to the switch harness. Connect the provided relay harness to the switch, test that everything works and reinstall the OEM switch panel back to the dash and you are done!

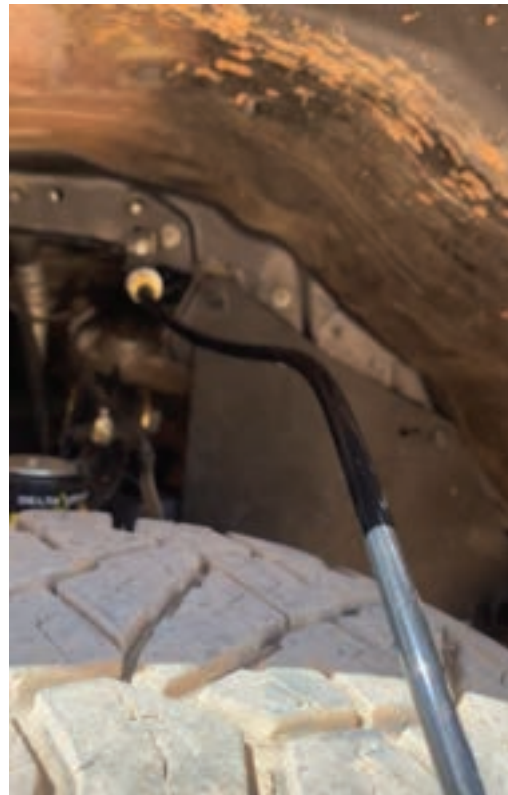


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