

BoonDocker

PERFORMANCE

**KTM 450/500 Turbo
Installation Instructions**



BoonDocker KTM Turbo



1. Remove the seat, side panels, tank and silencer from bike.



2. Remove sub frame. Separate air box from sub frame.



3. Cut off air box as shown. Remove stock air sensor from air box, use air sensor in later step.



4. Rout control box from handle bars along the stock wire harness. Zip tie harnesses together leave loose in air box area.



5. trim right side of panel lightly so that silencer mounts will be flush when mounting up the inlet and outlet brackets.



6. Install cut box on sub frame and place frame in place. Place and put in top 2 screws on frame, leave them loose.

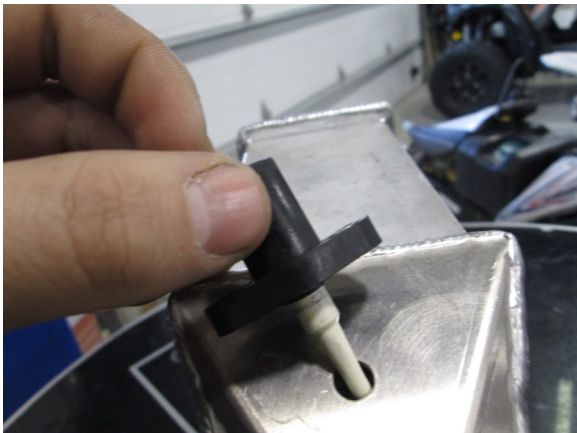
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7. Install oil drain line where the drain plug is located, rout under chain to the right side of bike and leave to rout further in future steps.



8. Install oil feed line. Place the small hole bracket on the stator cover as shown. Place big hole bracket on the chain guide. Rout line to rear.



9. Place stock air sensor on the top of the intercooler outlet as shown. Use 2 given self tapping screws to mount to the intercooler.



10. Install the intercooler with silicone and 2 clamps on the outlet. lift the back of sub frame up to fit in place. Tighten 4 sub frame bolts. Leave clamps loose.

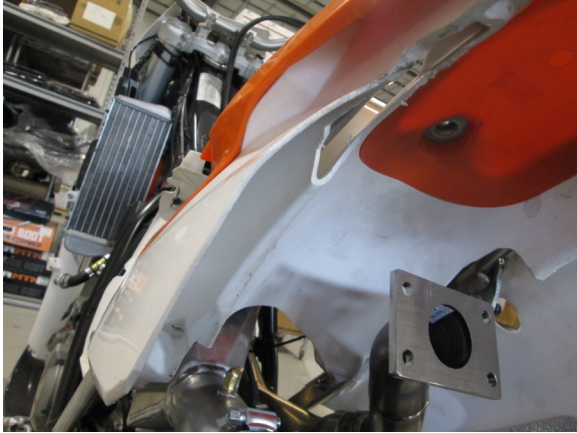


11. Cut fuel line after the bend on the straight as shown. Insert auxiliary fuel line, position and crimp tight. Hook up auxiliary injector to intercooler



12. Mount boost solenoid as shown on right side of air box. Plug in the control box harness into stock harness and auxiliary injector. Boost solenoid adapter wires are red & purple white.

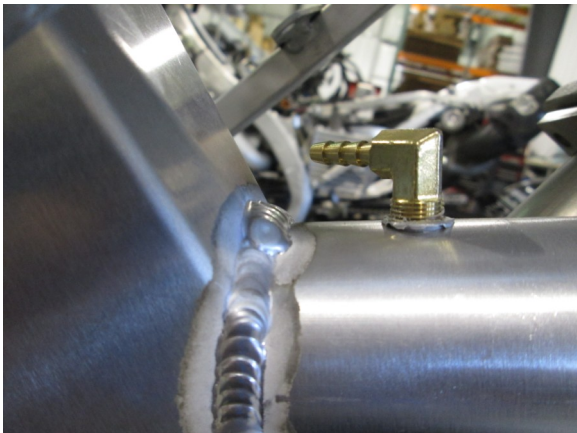
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13. place inlet on header. Leave clamp loose.



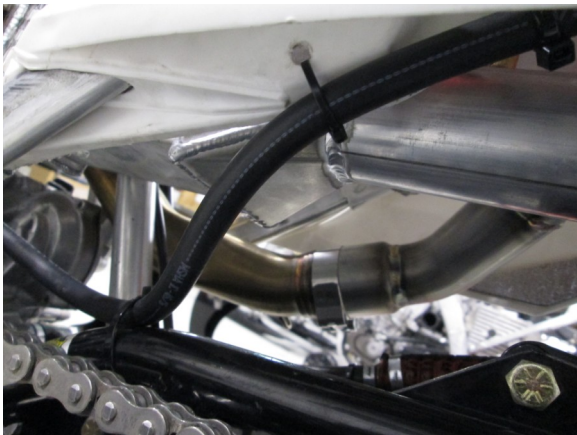
14. Place turbo in place and mount inlet bracket on the sub frame, header inlet and turbo inlet. Place bolts in and nuts on, leave loose.



15. run pito line to the elec. boost solenoid. Rout actuator line from actuator to the top of the boost solenoid around the battery through cut hole



16. Rout oil feed line and drain line to turbo. Tighten drain line clamp and feed line nut. Zip tie boost line to the actuator.



17. Zip tie feed line and drain line to panels and Timbersled frame away from hot parts & chain.



18. install muffler and outlet bracket.

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19. Zip tie wire harness, lines and adapters away from intercooler. Tighten all hose clamps and zip tie boost line ends.



20. Install inlet and air filter, position as shown then clamp down.



21. Mount control box to the center of the Handlebars with Velcro.



22. Undo oil feed line. Start bike and check to make sure oil is feeding the turbo. Run the line into a oil container. Then put back on & tighten line.



23. Install the tank, side panels and seat.