

PLAZMAMAN

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FORD TERRITORY PLENUM & INTERCOOLER INSTALL INSTRUCTIONS



Pic 1

1. Jack front end of vehicle off ground and secure with stands.
2. Remove OEM front bar and plastic support.
3. Remove OEM intercooler, piping and inlet manifold.
4. Wearing safety gloves grab air conditioner line pull upwards and forward towards passenger side guard until intercooler will fit. (See pic 1)
- Flatten out any kinks (PLAZMAMAN RECOMMENDS THAT A PROFESSIONAL TECHNICIAN SHOULD DO THIS STAGE AND THAT ANY AIR CON GAS SHOULD BE REMOVED OUT OF THE SYSTEM).
5. Cut metal off the back leading edge behind the front support bar on both sides to allow for end tank clearance and intercooler to slide into position. (See pic 2)



Pic 2



Pic 3

5.1 Also trim the headlight metal bracket around end tank outlets to fit pipes through. (see pic 3). This ensures the end tanks fit correctly. **IMPORTANT: We suggest that the end tanks be covered in masking tape so that they don't get scratched.** Cut only as much as needed.

6. Refit oil cooler higher up into position using existing bolt holes (see pic 4)

7. Drill 9.4 mm holes under the radiator support panel in line with the intercooler bottom lugs. Then insert supplied nut-serts into nut-sert gun and fasten. You can use other ways of fastening these bottom brackets, but nut-sert is full proof (see pic 5, 6)



Pic 4



Pic 5



Pic 6



Pic 7

8. Fit intercooler in place and secure using supplied brackets. (See pic 7).

9. Tape up exposed holes on base runners and drill out the outer 8 threaded bolt holes (holes nearest passengers guard) with a 8.5 – 9 mm drill bit.(see pic 8) **(DO NOT under any circumstance drill out the inner 6 holes closet to the head) .**



Pic 8



Pic 9

10. This step is only a recommendation for an easier way to fit rear bolts in. **IMPORTANT:** – Front of the vehicle must be on stands or a hoist for this step. Undo the through bolt of the passengers side engine mount and jack engine up a few inches on passenger side only. **WE RECOMMEND** a strut brace support to hold engine up. ***** IT IS VERY IMPORTANT THAT THE ENGINE IS 100% SECURE *****.

11. **IMPORTANT:** Apply masking tape over the polished plenum; this will protect the finish from any minute scratches you may do during install.

12. Remove air con line and cable tie out of the way. (See pic 9)

13. **TEST FIT THE PLENUM TO MAKE SURE IT FITS THROUGH ALL DRILLED HOLES.**

14. Extend Throttle body wires using supplied kit. We recommend soldering them.

15. **MUST USE SEALANT ON BOTH SIDES OF EOM INLET MANIFOLD GASKET. WE ONLY RECOMMEND THREEBOND GREY OR BLACK FOR MAXIMUM BOOST SEAL**

16. Fit plenum and secure tight, tightening from the centre bolts out towards both ends.



Pic 10



Pic 11

17 Bolt Throttle body on as well using sealant. Plug in OEM wires.

18. Jack engine down and retighten engine mount bolt.

19. Bolt on both hot and cold side pipes (See pic,11 above page)

20. Fit air-filter pipe under battery tray, this can be a tight fit at times. Fit fancy S-shape air-filter hose onto turbo – the other end onto pipe. Using the supplied L-shape bracket, bolt onto end of air-filter pipe and line up with inner guard. Mark hole and drill, bolt in using supplied bolt & nut. (pic10)

21. Fit K&N Filter, including BOV plumb back and rocker cover breather lines. (pic 12)



Pic 12



pic 13

22. Fit horn to one side and extend wiring (See pic 13)

23. Start car and check for air leaks.

24. Refit front bar and support.

Warning: It is recommended the Ford Territory intercooler & plenum kit be fitted by PLAZMAMANS qualified and highly trained technicians. Plazmaman will not be held responsible for any damage or undue mistakes made during the Ford Territory kit fit-out process. It is recommended that the Ford Territory kit be only placed on a Ford Territory Turbo vehicle.

PLAZMAMAN
9 Bond Crescent, Wetherill Park
NSW 2164
P:(02) 97251728, (02) 97251729,
F:(02) 97251722
E: sales@plazmaman.com
www.plazmaman.com