



### 94-98 Cummins P-Pump Fuel Plate Instructions

1. Disconnect both negative battery terminals.
2. Remove 5 10mm bolts holding intake air horn.
3. Remove the 1 10mm bolt holding the dipstick tube onto the air horn.
4. Loosed 7/16 nut on intercooler boot clamp
5. Set air horn aside.
6. Loosen Injector line clamp and slide it to the driver's side of the truck.
7. Using a chisel, back out the brake-off bolt that holds the AFC housing in place.
8. Mark the location of the AFC housing. If it is lined up with the top of the fuel pump, then just take note of that and reinstall in the same place.



9. Remove the 2 8mm bolts holding the AFC, and the fuel shutoff solenoid.



10. Rotate fuel shutoff solenoid out of the way toward the driver's side fender.
11. Remove the last fastener on the AFC housing with a large flat blade screw driver.

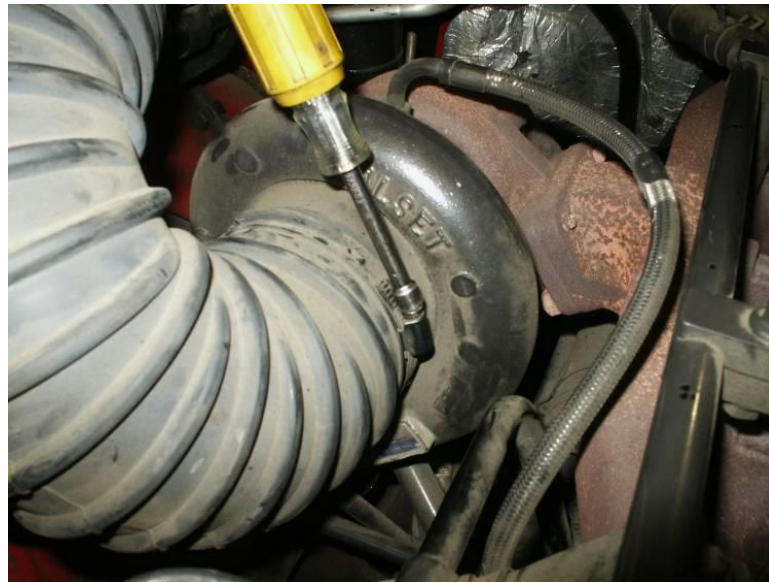


12. Pull AFC housing up, and rotate out of the way toward the rear of the truck.
13. Mark the stock location of the stock fuel plate.



14. With a flat blade screwdriver, remove the stock fuel plate.
15. Install DDP plate, making sure the cam section of the plate is facing the same direction as the old plate came out (toward the rear of the pump).
16. In the stock location, the DDP plate will make approximately 50hp, get great mileage, and have good smoke control. If you slide the plate full forward, you could gain as much as 125 horsepower.
17. Reinstall AFC housing, and be sure to line it up with your scribed mark or the lip on the pump, depending on what you used for reference. Use the stock screw, and the supplied bolt in place of the stock tamperproof fastener.
18. Rotate fuel shutoff solenoid back into place, and replace the 2 8mm bolts.
19. Slide fuel line clamp back into place, and retighten.
20. Reinstall intake air horn, and dipstick tube.

21. Loosen the clamp on the intake boot, and remove air box by pulling up firmly.



22. Remove hose clamp on boost reference line.

23. Remove stock boost elbow with a 12mm wrench.

- a. If the boost elbow is not located on the turbo it will be located on the back of the injection pump in the aneroid housing. This is located at the top of the pump on the back and points at an angle towards the passenger Side.

24. Install new supplied boost elbow with thread sealant.

- a. Boost elbow pictured has an adjustment screw but current kits come with a non-adjustable elbow.



25. Reinstall boost reference line with the new supplied hose clamp.



26. Reinstall air box, and intake boot clamp.

**BASIC TUNING NOTES:**

- If more power or more fuel is desired adjust fuel plate toward the front of the vehicle.
- If Exhaust Gas Temperatures are too high or excessive smoke, slide the plate toward the rear of the vehicle.
- If throttle response is sluggish back off the star wheel in the AFC housing (Less Tension= Earlier fuel).
- If excessive smoke before the turbo lights, add spring tension to the AFC spring using the star wheel.