

Irate Diesel Performance turbo mount installation:

1. Remove all old turbo components, the only piece that will be reused is the boots and clamps if not purchased separately.



2. If installing turbo on Superduty truck remove the soft plug from the valley and install the oil drain fitting using two supplied 8x25mm bolts. If installing in a superduty then the soft plug in the valley needs to be removed. This can be done by drilling a small hole and then installing a screw into the hole and grabbing with pliers to ensure it doesn't fall into the motor. It may be necessary to tap gently to break it loose.



3. Once all old turbo system components are removed. Install the pedestal plate in the valley of the engine using the supplied 8x25mm bolts (4).



4. Then install the 1/8NPTx6JIC fitting supplied, put a couple wraps of teflon tape around threads to help lubricate the threads for install (pictured above).

5. Install collector and up-pipes dropping in from the top side they will need to be wiggled a little. It helps if you have a second person down below to help guide the up-pipes to the manifolds. Install the 3 supplied 8x25mm bolts from the collector base to the pedestal loosely.



6. Instal the 8x60mm bolts from the flanges on the up-pipes to the manifolds. When all are install then tighten the bolts down.

7. If installing a full kit the next step is to attach the oil supply line to the fitting installed in the pedestal. The straight end goes to the pedestal. The 90* end will attach to the turbo charger. The supplied aluminum flange then bolts to the return side of the turbo and the fitting needs to be aligned with the fitting in the valley once the turbo is installed.



8. Install turbo to collector. You can now install the oil supply and drain lines. The fittings and flanges will need to be installed in the turbo and the drain flange and aligned properly to line up.



9. Install the upper portion of the downpipe to the turbine discharge, slide up the lower portion of the downpipe and attach with clamp. Align the downpipe into position and tighten down the clamps.

10. Install the intake Y. The factory air temp sensor on the Superduty trucks can be removed from the factory intake and installed in the 3/8" NPT bung. The Map sensor line can now be installed as well in the 1/8 npt bung using the supplied fitting to attach.

11. Install supplied hot side intercooler tube. Using factory boots or new boots.



12. attach air intake system to protect the turbo from ingesting foreign debris.
13. Double check that all fittings and bolts are secure. Start engine and check for leaks.
14. Take for test drive and ensure all parts are installed correctly and functioning.
15. If installing a brand new turbo charger drive easy for 10 miles or so to ensure the bearings are properly seated and lubricated before hard usage.