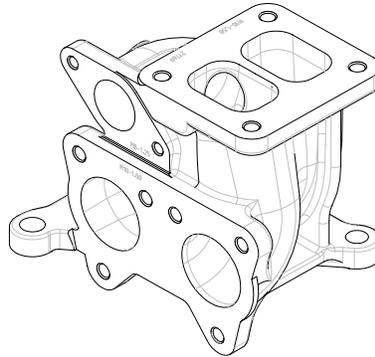




INSTRUCTION SHEET

Assembly part number 11326

GM Duramax® Turbo Pedestal



Product Summary and Assumptions

Turbonetics' turbo pedestal was designed:

- To provide GM Duramax® truck owners with a higher quality product than is currently available, incorporating performance features not seen on any competitor's products.
- To meet the needs of truck owners seeking to increase horsepower/torque by upgrading their factory turbocharger to an aftermarket turbocharger.
- Using computer-aided-design software to analyze and maximize gas flow, and to be manufactured using state-of-the-art casting and machining processes.
- As a solution for as many of the recent model-year GM Duramax® engine configurations (LB7, LLY, LBZ, etc.) as possible. **NOTE:** It is not guaranteed to fit all applications, some custom fitting may be necessary.
- To be installed in the same location as the factory turbine housing, and to re-use many of the factory fasteners. Turbonetics recommends installing new gaskets (where applicable), and to refer to the factory service manual for proper torque values.
- To be used with a Turbonetics T4 or Midframe –sized turbocharger or equivalent. See figure 1.
- To give truck owners the option to install an external wastegate. See figure 1 & 2. **NOTE:** Assembly part number 11326 is delivered with a “block-off” flange, for truck owners that choose not to use a wastegate.
- With the assumption (due to engine bay packaging restrictions) that the external wastegate would be mounted at a location other than directly on the pedestal, and custom “remote location” exhaust piping would need to be designed and fabricated. **NOTE:** Figure 2 shows one possible solution, but the wastegate can be located wherever convenient for engine bay packaging and exhaust pipe routing.

Turbonetics assumes that the truck owners have:

- At least moderate knowledge of diesel engine and turbocharger operation.
- The ability to fabricate their own intake and exhaust piping for the aftermarket turbocharger. This will likely include metal pipes for the turbocharger compressor inlet & outlet, turbine outlet (down-pipe), and external wastegate piping (from pedestal to wastegate, and from wastegate to down-pipe).
- A factory service manual for the model year truck.
- Standard selection of automotive tools, primarily metric sizes.

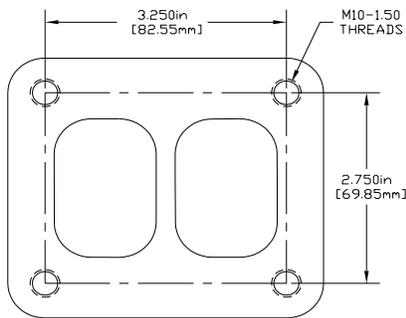


FIGURE 1

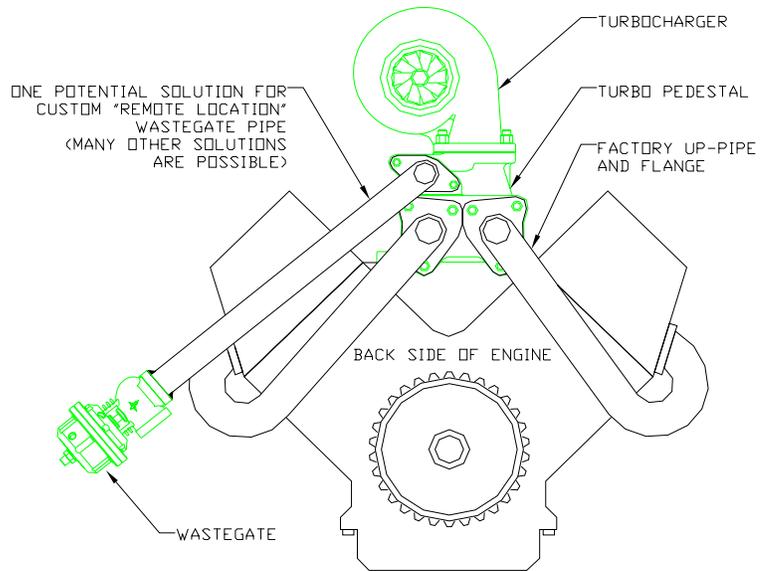
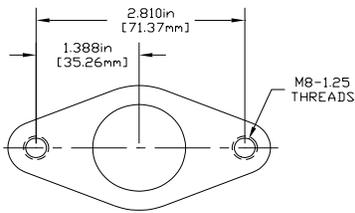


FIGURE 2

Suggested Mating & Accessory Parts (Part Number in bold):

- Turbocharger – Contact your Turbonetics dealer for turbo match recommendations
- Evolution wastegate – **10780**
- Turbine inlet gasket – **30143** or **30143-DIV**
- V-band clamp – 3.0, 3.5, 4.0” pipe – **30242, 30408, 30410**
- Tube weld flange – 3.0, 3.5, 4.0” pipe – **30241S, 30407S, 30409S**
- Pedestal wastegate flange – **20260S**
- Pedestal wastegate gasket – **20142**
- A variety of other turbo accessories available at **TurboneticsInc.com**



The “Fine Print”

Study these instructions completely before proceeding. Engine and/or turbocharger damage may occur if the product is improperly installed. Turbonetics, Inc or any of its distributors cannot be held responsible for damages as a result of negligent or improper installation. This product can be installed using common tools and automotive procedures, but the installer must have moderate knowledge of diesel engine and turbocharger operation, and feel comfortable working on the vehicle. If in doubt, contact Turbonetics’ technical support staff at 805-581-0333, between the hours of 8:00AM and 5:00PM PST, Monday through Friday OR by email at Info@turboneticsinc.com

Remove the product from its carton and inspect for any obvious physical damage. All components are thoroughly inspected and carefully packaged prior to shipment from the factory. If any shipping damage is evident, contact your supplier and request that they process a claim with the shipper involved.