



## Frequently Asked Questions

### Titanium T3 Turbo Shield™

#### *What does the shield do?*

Our shield was designed to decrease lag and reduce engine bay temperatures. With the shield installed, the exhaust gasses in the turbine are less dense. This will increase exhaust velocity, making it easier to move the turbine wheel, creating less turbo lag. Also it will lower engine bay temperatures, resulting in cooler intake air being pulled from the engine bay.

#### *How is the T3 Shield constructed?*

Our shields are stronger and more durable than other turbo blankets or shields on the market. Titanium Turbo Shields with LR technology includes a hi-temp rated silica insulation padding under the outer layer for extra added protection against extreme turbo-generated heat. There are 3 wire-tie-points which are used to secure the blanket to the hot side of the turbo (turbine housing).

#### *What is in the kit?*

The T3 Turbo Shield Kit includes a T3 shield, five feet of wire to secure the shield, one roll of 2"x15' Titanium exhaust wrap for the downpipe, and two 14" ties to secure the wrap.

#### *Will this fit my turbo?*

We do not have a complete application list due to the variety and increasing number of turbine housing styles. T3 Turbo Shield "short list": Garrett-style T3 with 4 and 5-bolt exducer flanges; Holset with T3 4-bolt inducer flange; Precision, TiAL, and Turbonetics full V-Band. Consider these dimensions when making your decision: ID 6.5"; Width 2" / 3" = loose / tight fit

Design Engineering Inc.  
604 Moore Road  
Avon Lake, OH 44012  
[www.DesignEngineering.com](http://www.DesignEngineering.com)  
**(800)264-9472**

v06.06  
FAQ020