

821655 - Subaru Turbo Blanket (EJ Engines)

821655 - Subaru Turbo Blanket (EJ Engines)



Congratulations on your purchase of the COBB Tuning Turbo Blanket! The following instructions will assist you through the installation process. Please read them **BEFORE** beginning the install to familiarize yourself with the steps and tools needed. If you feel you cannot properly perform this installation, we **HIGHLY** recommend you take the vehicle to a qualified and experienced automotive technician.

While not flammable on their own, if any sort of flammable chemical gets into the fiber of the turbo blanket, it may be possible for a fire to occur. It is recommended to replace the turbo blanket if **ANY** flammable chemicals, liquids, or materials get on the blanket.

Table of Contents

- [Table of Contents](#)
 - [Parts List](#)
 - [Tools Needed](#)
 - [Sockets](#)
 - [3/8"](#)
 - [Hand Tools](#)
 - [Stock Component Removal](#)
 - [Turbo Blanket Installation](#)
 - [Important Notes](#)
 - [Links](#)
-

Parts List

- [Turbo Blanket](#)
- [Safety Wire](#)
- [Spring](#)

Tools Needed

Sockets

3/8"

- [3/8" ratchet](#)
- [3/8" 12" extension](#)
- [3/8" 6" extension](#)
- [3/8" 10mm socket](#)
- [3/8" 12mm socket](#)

Hand Tools

- [Phillips head screwdriver](#)
 - [Flathead screwdriver](#)
 - [Needlenose pliers](#)
-

Stock Component Removal

1. Remove your intercooler
 - a. [VA WRX TMIC Removal](#)
 - b. [WRX & WRX STI TMIC Removal](#)
 - c. [GR TMIC Removal](#)
-

It may be worth spraying down the bolts with a penetrating oil and allowing them to sit for a little while in order to allow them to come lose more easily without any breakage.

1. Using your 10mm socket remove the two bolts from the driver's side of the heat shield.



2. Followed down by the one on the rear passenger's side.



3. And the two low down near to the passenger's side frame rail.



4. With those items removed you can now remove the heatshield from the car.

It may require re-clocking the transmission dipstick in order to have the clearance needed to remove the heatshield easily.



5. Now is a good time to check out the heat shield bracket as the factory units are quite prone to cracking and damage. Replace yours as needed.

Turbo Blanket Installation

While we show what we feel is the simplest and most secure way of wrapping the wire and using springs to secure the turbo blanket there are many different possibilities and options that will work. Just make sure you aren't interfering with the wastegate or any other moving parts.

1. The cut-out shown at the top of the blanket should match up with the wastegate arm area of the turbo. Go ahead and attach one end of the wire to the rivet shown to be on the upper right side. It should be tight enough not to fall off, but over-tightening may cause the wire to break.

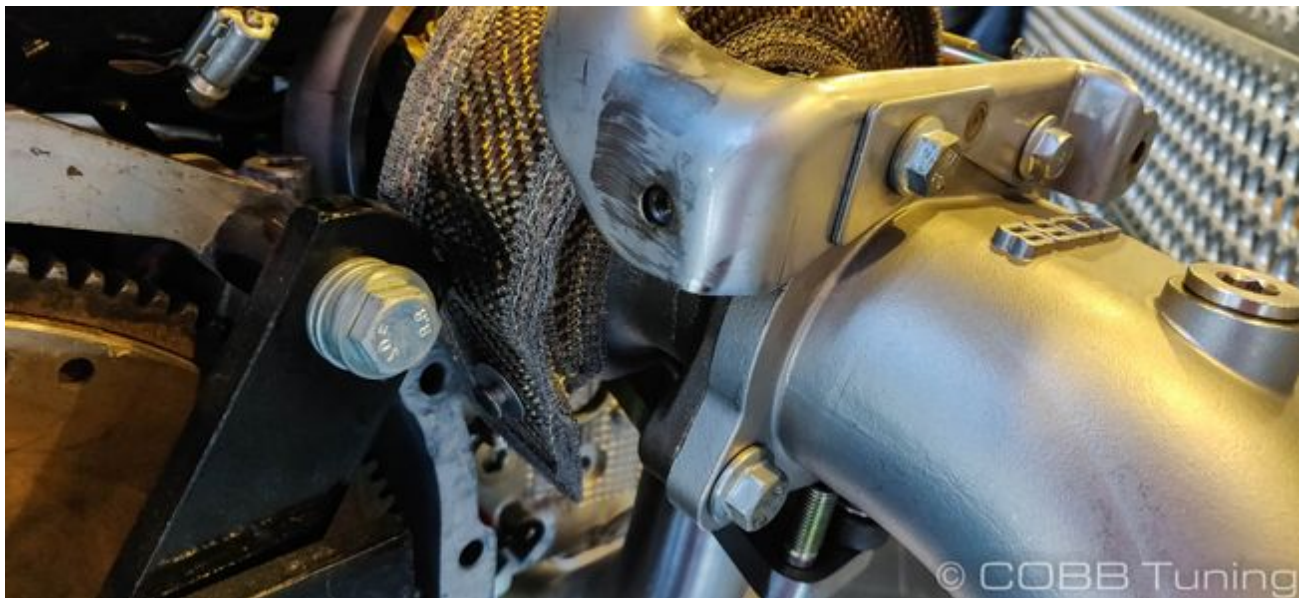


2. Start working the blanket around the exhaust housing of the turbocharger starting by working it under the wastegate arm.





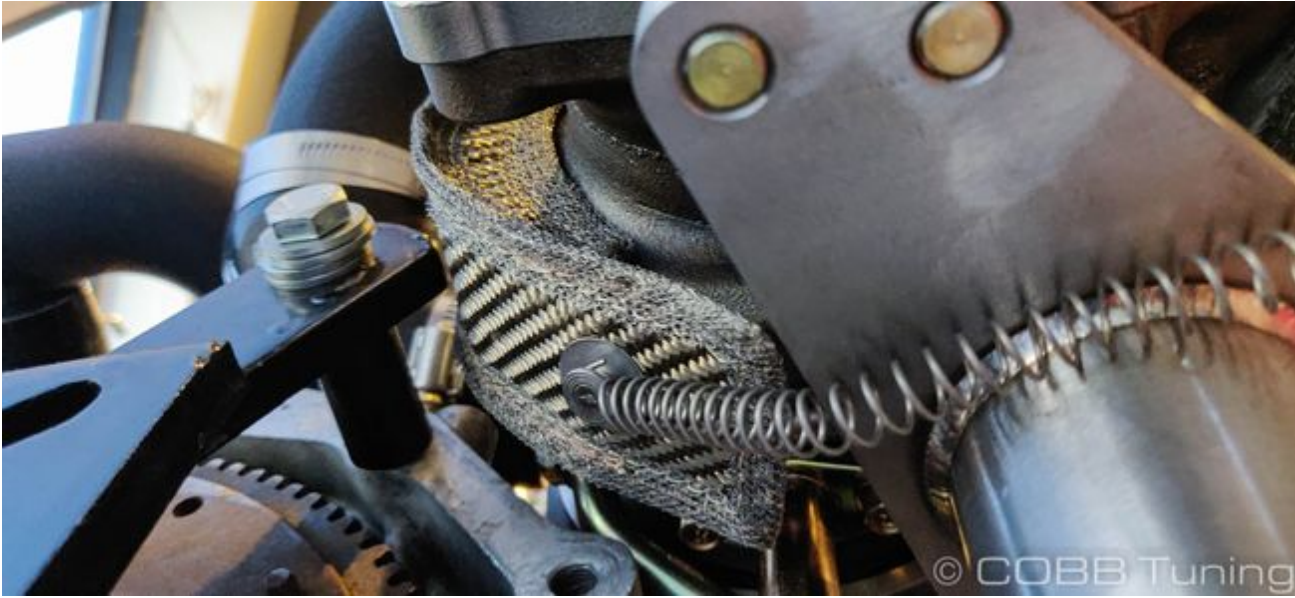
3. Now tuck the other side down around the turbo and under the bracket.

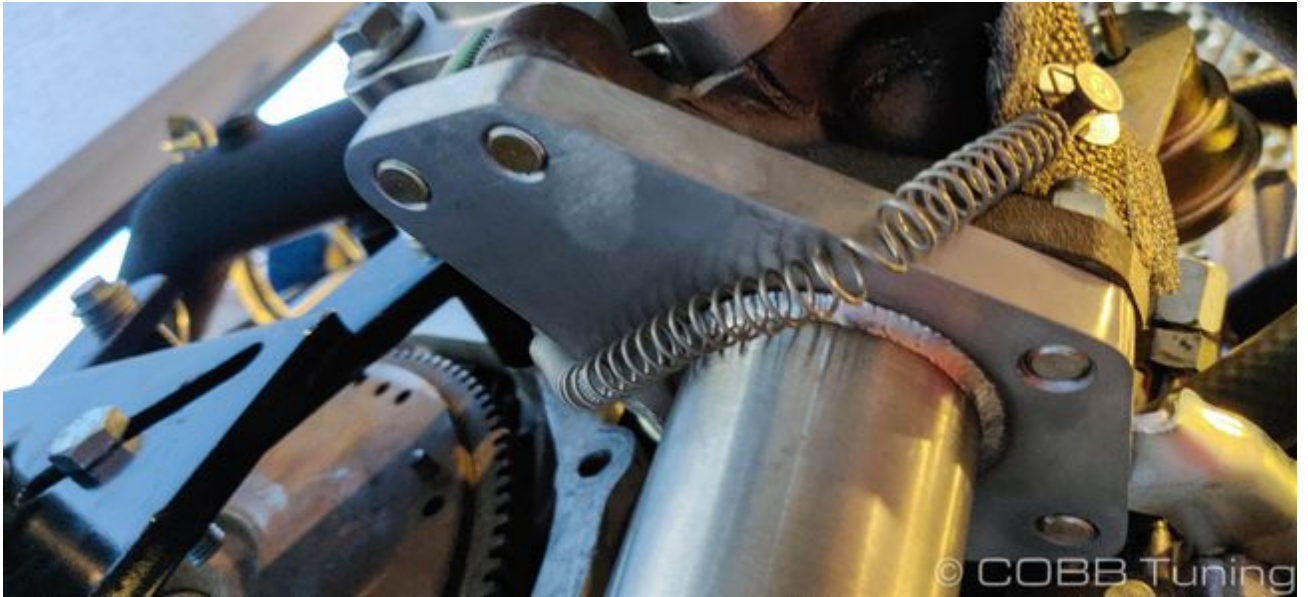




4. Using pliers, hook the spring onto one side of the rivet, then work it around over to the other side under the up-pipe flange before latching it over the other side.







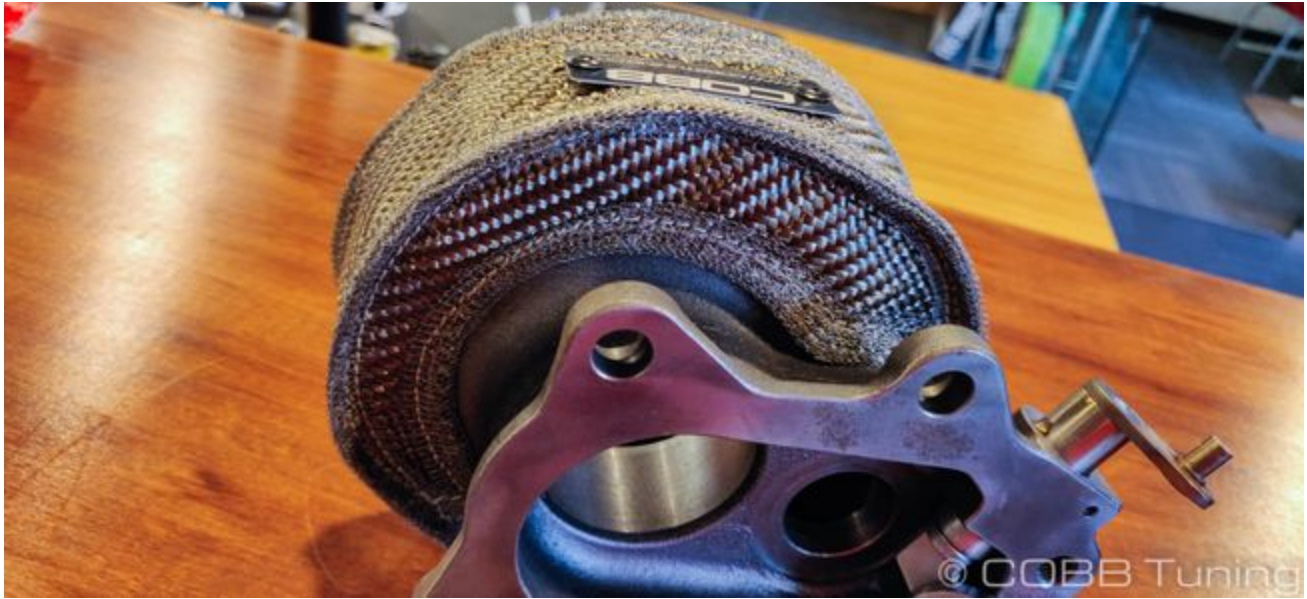
5. If using safety wire pliers, twist the wire on the rear rivet to an appropriate length to reach the other side. If you're using normal hand tools do your best to get the wire secured tightly to the initial rivet.





6. Attach it tightly to the otherside either routing the wire underneath the downpipe or underneath the up-pipe if you so desire. (not between the flanges to block the gasket though).
7. Now that you're done you can put the heat shield back on if you so desire.
8. You're all done! Go out and enjoy!

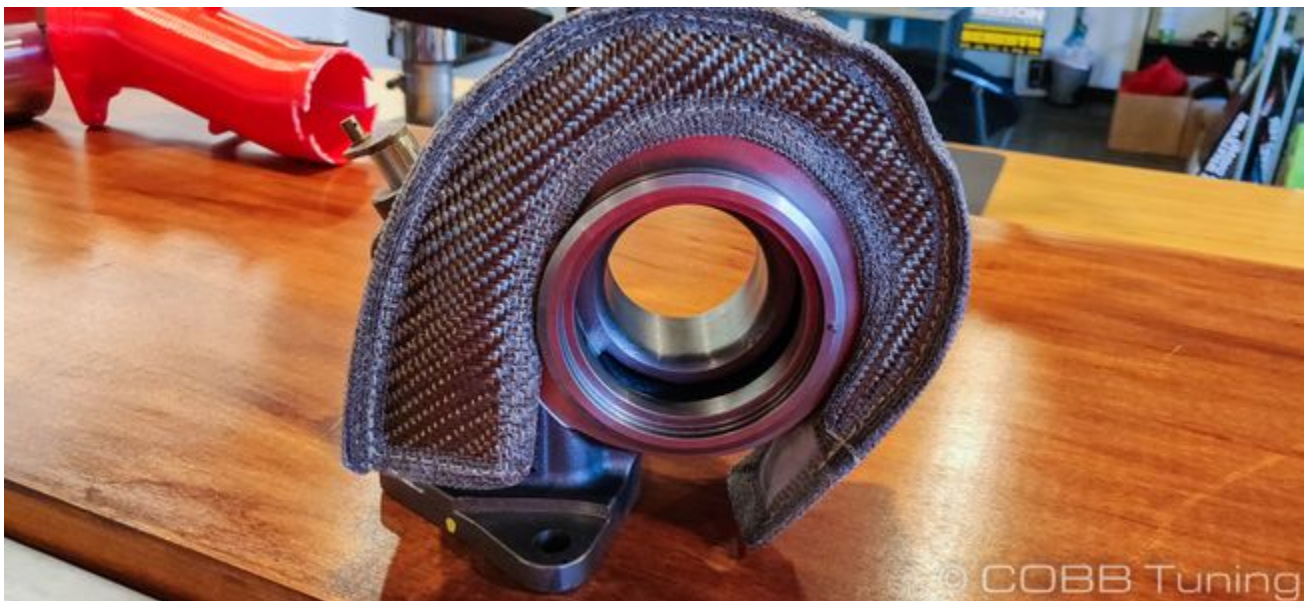
Additional pictures of it just on the exhaust housing:



© COBB Tuning



© COBB Tuning



© COBB Tuning



© COBB Tuning



© COBB Tuning



© COBB Tuning

Important Notes

While not flammable on their own, if any sort of flammable chemical gets into the fiber of the turbo blanket, it may be possible for a fire to occur. It is recommended to replace the turbo blanket if **ANY** flammable chemicals, liquids, or materials get on the blanket.

Links

Error rendering macro 'excerpt-include' : You can only link to a page or blog post.