

Trackspeed Engineering Inconel Turbo Stud Kit

Congratulations on your purchase. Trackspeed Engineering's Inconel stud kit is the result of months of research, development, and testing. Our studs use an exotic nickel alloy which exhibits extremely high strength, even at temperatures of over 1400°F.

Your purchase means you understand the extreme conditions in which our cars operate. In order for our studs to adequately survive the harsh conditions you will subject them to, it is imperative that they are installed properly. **Improper installation of our studs will cause stud failure and probable damage to your new studs.** These are not your standard hardware-store items – they are fabricated to our exact specs, and replacing them is not cheap.

In addition, because these are designed as race parts, there is no warranty implied. We have tested the studs in proper venues and we are confident in their abilities, but we cannot be held responsible for any damage or loss arising from the failure of these studs.

1. Remove your downpipe and turbocharger, exposing the manifold outlet and the four studs.
2. Remove any damaged studs and ensure the threads in the manifold are properly tapped to M10x1.5 or M8x1.25 (depending on which kit you have). Rectify any thread damage before installing these studs!
3. Once you have removed the old studs, ensure the manifold outlet flange is flat to within .001". Warped flanges will cause loose hardware and other issues.
4. Perform the same check on your turbine housing inlet flange. If necessary, have the flanges surfaced at a machine shop.
5. Shake the eyedropper of Resbond vigorously. Apply Resbond 907TS to the short end of the stud. Resbond is red in color – if it comes out clear, shake the container more. Cover all threads adequately. Your kit includes more than enough Resbond to install the studs. **If you do not intend to install your kit within 6 months of receiving it, be aware that your Resbond will no longer perform as intended. We recommend installing the kit immediately after receiving it.**
6. Install studs into your manifold using the double-nut technique. Use two of the provided Stage 8 fasteners, tighten them against each other on the long end of the stud, and tighten the stud into the manifold.
7. Reinstall your turbocharger and install the four provided Stage 8 fasteners. Tighten all nuts to approximately 10-15 ft.lbs.
8. Position the Stage 8 Locking Retainer over the nut in a manner that will not allow the nut to unthread. Tighten the nuts so that there is as little clearance as possible between your Locking Retainer and the stationary part used to lock the nut in place. Once you have placed the Locking Retainers, install the supplied locking clips onto the grooved nuts.

Email us with questions: info@trackspeedengineering.com