

## Using the INTENSE™ Supercharger Pulley Puller and Installation Tool

### INTENSE™ Supercharger Pulley Puller and Installation Tool Parts List:

- 1/2" thick precision machined pulley removal and installation plate
- Precision machined body with NPT threaded handle
- Two hardened black oxide M8 studs
- "Ramrod" main stud and nut
- Two hardened black oxide support screws
- Two thick washers, and two small washers
- Two large packets of anti-seize lubricant

### Additional tools and items recommended:

- 15/16" wrench for the 5/8" nut on main stud
- 1/2" socket and ratchet for the main stud
- 5/16" wrench for battery terminal
- 10mm wrench for fuse box removal
- 21mm wrench for breather nut removal
- 15mm wrench for tensioning idler pulley (T50 torx for H-body's)
- Vise-Grips
- [Gatorback Supercharger Belt](#) and/or [Supercharger Tensioner Pulley](#)

### Preparation

1. Begin with a cool engine. Cold overnight is best.
2. Disconnect the negative terminal from the battery.
3. Clear the work area by moving necessary components. This includes the radiator reservoir bottle (except for '97-98 GTP's), the windshield washer fluid reservoir bottle ('97's only), and the fuse block housing. Full disconnects are not necessary, just move out of the way. Note: the fuse block only has one 10mm nut on the top and the lower half is located within a slot. Simply lift up and it will come loose. Disconnection of one wire connection and fender clip below the fuse box may be necessary.
4. Remove the breather nut on the end of the supercharger shaft with a 21mm wrench.
5. Remove the supercharger belt. Tension on the belt is released by turning the 15mm nut on the idler pulley clock-wise.

### Remove the blower pulley

1. Apply **anti-seize** to the 8mm stud and install into the end of the 5/8" threaded stud, the 8mm washer and then install the 5/8" ramrod assembly into the end of the supercharger shaft.
2. Apply **anti-seize** to the 5/8"-ramrod assembly where the 5/8" nut will have thread contact during the pull. Install the 5/8" nut and then both of the washers after that. The two washers together, with **anti-seize** between them, will act as a thrust bearing.
3. Place the puller body over the 5/8"-ramrod and fasten to the removal/installation plate with two 3/8" bolts tightened at an equal length.
4. Hold the 5/8" ramrod steady with a 1/2" socket and ratchet while turning the 5/8" nut counter-clockwise against the top plate with a 15/16" wrench, this will remove the pulley. The ratchet handle may be rested on the strut tower with a rag placed under it as to not mar your paint.
5. The pulley may take quite a bit of force to remove. It is common to hear a pop when the pulley breaks free.
6. After the pulley removal, the 5/8" rod may be very tight on the supercharger shaft and may be left in place for the installation.



### Install your new **INTENSE™ Modular Pulley System** or other pulley

1. If any corrosion is present on the supercharger shaft, use scotch-brite to buff clean.
2. Coat the bore of the hub (or pulley) and supercharger shaft with **anti-seize**. With the 5/8"-ramrod still in place on the supercharger shaft, place the new hub (or pulley) over the rod, then the removal/installation plate, and both 5/8" washers followed by the nut. Alternately, the removal/installation plate may be omitted, but the benefit of using the plate is that it will stop against the end of the supercharger shaft.
3. As in the pulling configuration, place the 1/2" socket and ratchet on the end of the 5/8" stud with the ratchet handle up against the strut tower. To counteract the rotational force of the puller tool assembly, install the NPT threaded handle into the side hole of the puller body.
4. Tighten the 5/8" nut, pressing the hub (or pulley) on to the supercharger shaft, using even steady pressure. Verify that everything is straight and remains properly aligned.
5. Once the hub (or pulley) has started on the supercharger shaft, remove the NPT threaded handle from the puller body to enable ratcheting action for quicker installation.
6. The hub (or pulley) is fully installed when the face of the hub (or pulley) is flush with the end of the supercharger shaft.
7. Install your INTENSE™ Modular Pulley on the hub with the screws provided and tighten them down just past snug.
8. Install the new [Gatorback Supercharger Belt](#) and/or [Supercharger Tensioner Pulley](#), black push-in breather nut replacement, fuse block and negative power cable. Verify that all tooling has been removed from the engine bay.



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