



## ***Version 2.0 Pulley Removal Tool***

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Thank you for purchasing the ALTA Performance Version 2.0 Pulley Removal Tool. Person experienced in the installation and proper operation of a MINI Cooper drive-train system should only perform installation of this kit.

**WARNING:** This part is designed, manufactured, and sold solely for use on off-road and racing vehicles not controlled by federal and or local emissions laws. It is not intended for use on vehicles that operate on public streets and highways. Use of this part on emissions controlled vehicles may be in violation of federal or local law! ASMC, LTD. is not responsible for any damages as a result of misuse of this part. Check your local laws prior to use or installation.

### ***SPECIAL NOTES:***

- Use of the factory service manual can be very helpful during the installation. These can be purchased at the dealership or online. <http://www.realoem.com> has diagrams for the entire car, which can also be helpful.
- This puller requires an off-the-shelf pulley puller. These pullers are available at any auto parts store. Any 3 or 4 point puller will work. Make sure puller has a swivel built into the end of the jack screw.

### ***Parts Included with the ALTA Version 2.0 Puller:***

- (2) Version 2.0 Pulley Clamshells
- (3) 3/8-24x1.25" Hex bolts
- (2) 3/8-24x 1" Socket Cap Screws
- (6) 3/8" grade 8 washers

Checked By \_\_\_\_\_

### ***Pulley Puller INSTRUCTIONS:***

- 1) Once supercharger pulley is exposed, install each half of the Version 2.0 Pulley Puller around pulley. Use a 5/16" Allen wrench to tighten each of the bolts to 25ft-lbs.
- 2) Read through all instructions that come with puller purchased from auto parts store. Included are bolts to suite most pullers, but it may be necessary to purchase new bolts, or use bolts included with Puller.
- 3) Install proper size bolts through puller, and thread into ALTA Version 2.0 Clamshells. (The thread pitch on the clamshells is 3/8-24) Snug down bolts equally. Note: Making sure they are equal is important in pulling pulley off correctly.
- 4) Thread center bolt on Purchased puller, to remove pulley. NOTE: NEVER USE AIR TOOLS, IMPACT GUNS, ELECTRIC WRENCHES ON THE REMOVAL BOLT! This will damage the threads and may also cause personal injury.
- 5) Always wear safety goggles and gloves when operating tool.
- 6) After each use inspect each piece for signs of wear, cracks etc. NOTE: NEVER USE A TOOL THAT SHOWS SIGNS OF DAMAGE! USING A TOOL IN THIS CONDITION CAN CAUSE INJURY OR DEATH! Replace worn bolts immediately! Always grease threads on all bolts after each use.

### ***PARTS TO COMPLIMENT YOUR Version 2.0 Puller:***

- ALTA Version 2.0 15%, 17%, or 19% reduction Supercharger pulley.

***For questions & comments please contact***

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