



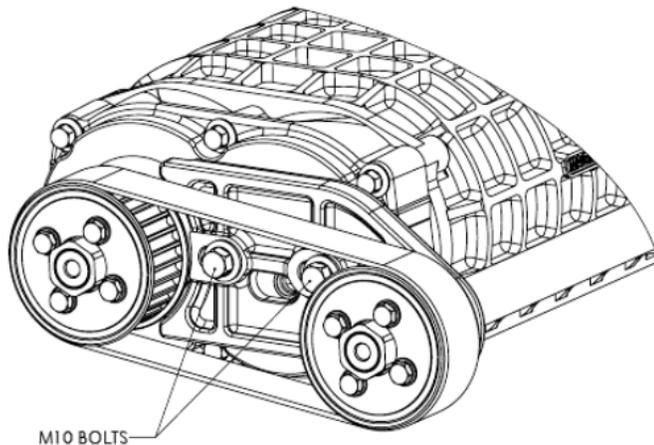
SCC Cog Belt and Pulley Installation Instructions

Preparation for install

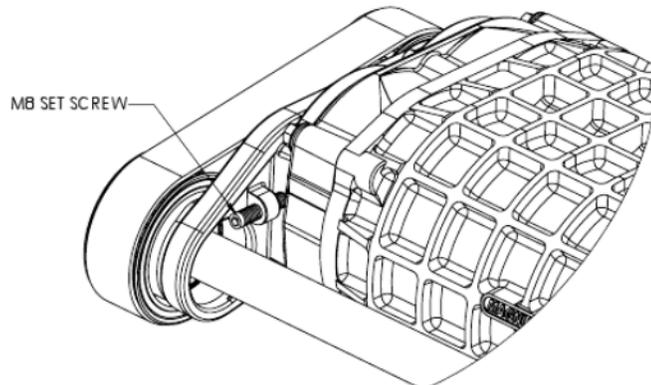
1. Read these instructions completely, make sure you have all of the required tools before starting.
2. Some applications will require that the supercharger is removed prior to installing the cog set. Please review your application and determine your best option.

Removal of 10 rib pulleys and belt

1. Remove the 4 M6 bolts from each pulley, use a 10mm socket. **(these bolts will NOT be reused)**
2. Loosen (DO NOT REMOVE) the 2 M10 bolts using a 15mm socket.



3. Loosen M8 set screw on side of bearing bracket using a 5/32 allen wrench



4. Slide bracket over to reduce the tension on the belt
5. Pulleys and belt should now come off

Preparation for installation of COG drive

1. Clean all residual Loctite from the screw holes on the pulley hub located on the supercharger and shaft.
2. Slide the bracket to the center of the supercharger, this may require you to loosen the M8 set screw more.

Installation of COG drive and belt

1. Install first pulley over the hub, apply thread locker (Loctite Blue) to the new supplied M6 bolts, and hand tighten. These will be torqued later. ****Note** for overdrive the 36 tooth pulley must be installed on the shaft, and the 30 tooth pulley must be installed on the supercharger. Exact opposite will UNDERDRIVE the blower and decrease boost.**
2. Put the belt around the second pulley.
3. Place the belt around the installed pulley, slip the second pulley over the hub, and be sure to align bolt holes, rotate the shaft if necessary.
4. Install the remaining supplied M6 bolts with thread locker and hand tighten.
5. Torque all 8 M6 bolts on both pulleys to **89 in lbs** in a star pattern.
6. Adjust M8 set screw with the 5/32 Allen to put a slight tension on the belt.
7. Tighten the 2 M10 bolts on the bearing bracket to 5 ft lbs
8. Back off the 2 M10 bolts ¼ turn, this is to aid in adjusting tension.
9. Torque the M8 set screw to **15 in lbs**, this will apply the proper tension to the belt
10. Torque the 2 M10 bolts to **25 ft lbs**
11. Spin the supercharger by hand and observe the belt and pulley for any issues.
12. If removed, you will now install the supercharger back on the engine
13. Start the vehicle and check for proper alignment.

****Note****

If you had to remove the S/C from the engine, torque the 10 manifold bolts to **108 in lbs**, also refer to your installation manual for other specific installation questions.

Cog Belts will make a noticeable whining sound.

Be sure you are not over boosting your engine as this will cause severe engine damage. Re-Tune the vehicle if necessary.

Under or over tensioning the belt will damage the belt and cause premature breakage or wear. Please use the recommended tensioning procedure to ensure the life of your new COG drive.

