



Eurocharged Supercharger Pulley Installation

Tools Required:

Torx E10, E11, E12

Torque Wrench

12mm Socket

Large Screwdriver

Step 1 - Remove air injection tubes by removing the two highlighted bolts. These require the E10 torx. Pull the tubing out of the three points, and set aside.



Step 2- Using the E11 torx, loosen the belt by turning the tensioner counter clockwise. Slip the belt off the middle idler.



Step 3- Remove the upper idler pulley. The bracket bolt is a E10 torx. The pulley is a E12 torx. Remove both the pulley and bracket



Step 4- Place a mat or piece of rubber pad under the SC clutch. Using the upper idler standoff as a fulcrum, place the large screwdriver or crowbar under the pad, and apply light pressure to keep the clutch from spinning. While holding it, use the 12mm socket to loosen the sc pulley bolt. You can also use a strap wrench to hold the pulley while removing the bolt. (simple method)

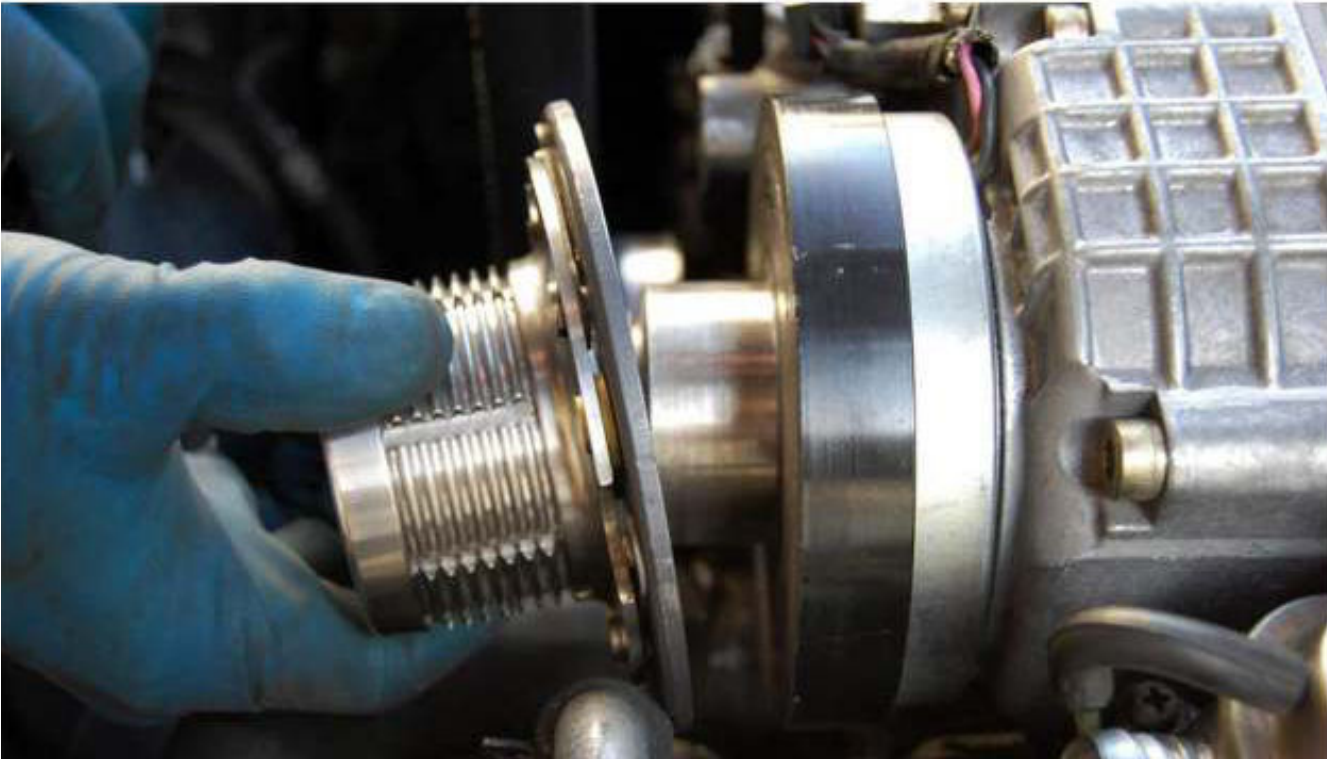




Step 5- Remove the bolt and washer from the front of the pulley

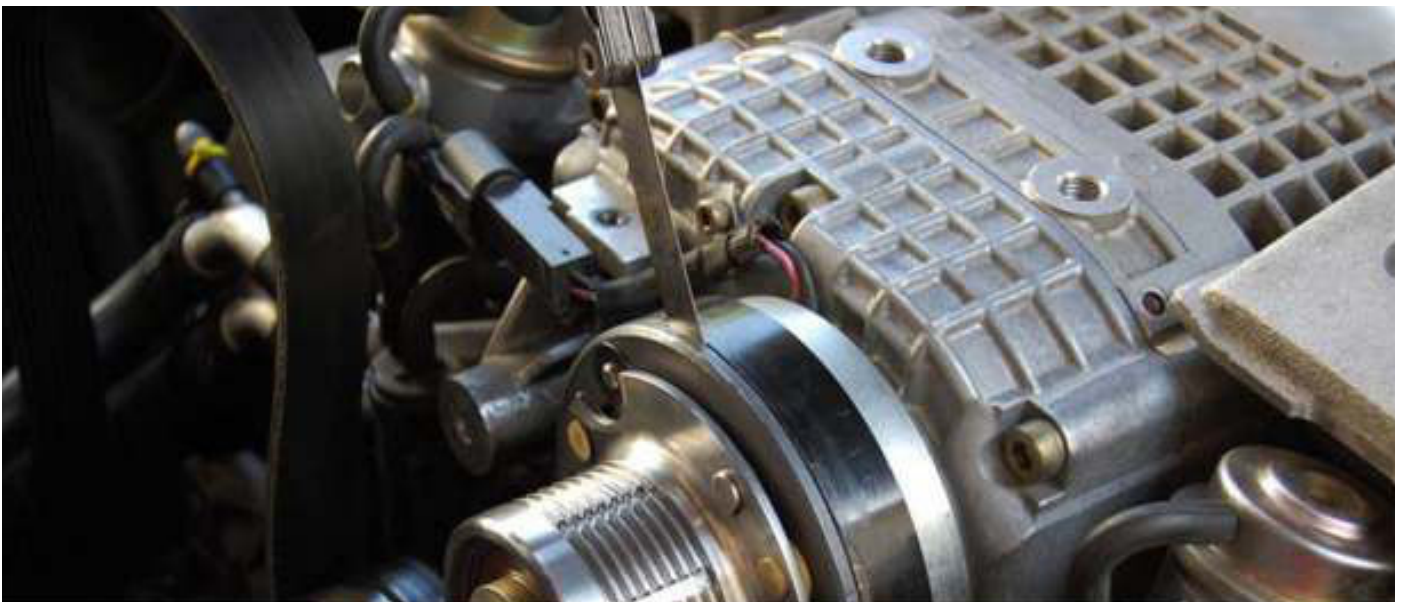


Step 6- Pull the pulley towards you, and angle it as pictured to remove it.



Step 7- Place the new pulley on the shaft, and replace the stock washer and bolt. Tighten them down using the previous method of holding the clutch. Check the gap between the back plate and the clutch. It should be between .20-.30 mm. The important point is that once tightened, the pulley and clutch spin freely of each other, while being as close as possible. If you need shims for you pulley contact us and we can provide them to you.

The SC pulley bolt should be torqued to 20nm.



Step 9- Reverse installation. Run the belt through the upper idler before bolting it on. Torque the upper idler bolt to 20nm. The remaining bolts can be hand tightened.



Step 9- Go over each bolt and ensure it was tightened properly. Turn the SC Clutch by hand, and it should spin freely. Check the belt for proper alignment on the pulleys. Once everything has been verified, start up the car. Observe the belt and pulleys, making sure there is no awkward wobbling or noise. If all look well, go have some run on the road.

Things to note:

Eurocharged does not warranty the replacement of tires due to our turning or performance products. Use at your own risk!

Don't forget to also contact us for performance ecu tuning!

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