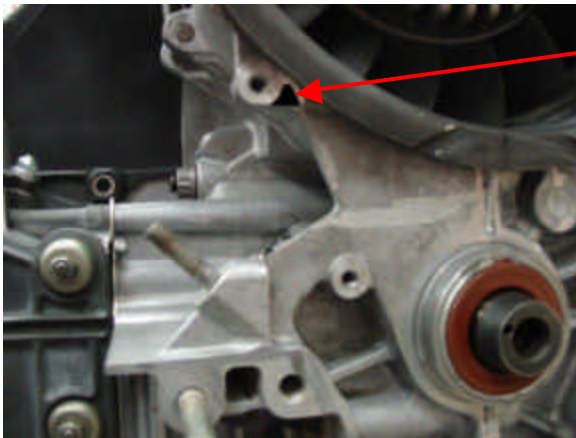




Installation Instructions 964/993 Serpentine Fan Belt Kit

1. Remove factory fan belts, belt sensor, pulleys from fan/alternator, belt sensor and crank pulley.
2. Remove the fan hub from the fan.
3. Remove material from around the top belt sensor mounting screw as shown.



Remove the blacked out material providing a flat mounting surface for the tensioner bracket. Do not damage the factory machined surface!

4. Install the tensioner bracket using the included 2- M6 X 20 hex head bolts with wave washers. Use medium strength Loctite and tighten to 7 ft-lb.
5. Install the crank pulley, using the factory bolt. Use medium strength Loctite and tighten to factory specifications.
6. With the factory fan hub removed, insert fan pulley into fan. Attach the fan and pulley using the included M6 X 25 socket cap screws and wave washers. Use RED Loctite and tighten to 7 ft-lb.
7. Slide the fan onto the alternator shaft. Align the pulleys with a straight edge on the outside face of the crank pulley. Align the fan pulley to the crank pulley with the included shims. Use RED Loctite, tighten the fan nut to factory specifications.
8. Attach the tensioner to the tensioner bracket, using the included M10 X 30 socket cap screw and thick washer. Use medium strength Loctite and tighten to 22 ft-lb. **DO NOT** over tighten the tensioner!
CAUTION – DO NOT attempt to disassemble the belt tensioner. The tensioner is spring loaded and will seriously hurt you! DO NOT free release tensioner as it will damage the tensioner. DO NOT use a damaged tensioner.
9. Install the belt over the crank pulley. Insert a 3/8 breaker bar into the 3/8 square hole in the tensioner. With extreme caution, move the idler/tensioner out of the belt path and work belt over the fan pulley. With the belt properly installed over the pulleys, slowly release the tensioner/idler to the belt.
10. Check and correct any belt or idler interference before starting the engine. If belt system is clear, start the engine and verify smooth operation.