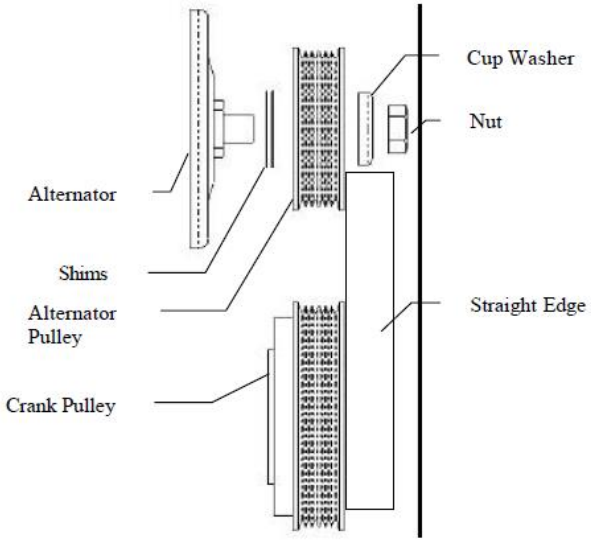
Installation Instructions
Serpentine belt Conversion Kit
Porsche 2.0 - 3.3

1. Remove the muffler to gain access to the engine motor mount.
2. Support the engine and remove the bolts on each end of the motor mount cross bar.
3. Remove mount cross bar and the motor mount console from the engine.
4. Remove the fan belt and the crank pulley.
5. Mount the serpentine crank pulley to the crankshaft using medium strength Locktite and torque to factory specifications.
6. Fan pulley mounting area must be clean and in good condition. Remove any rust or burrs.
7. To align the pulleys, place a straight edge against the crank pulley and space the serpentine fan pulley out to the straight edge with the factory shims. Upon proper alignment, install the cup washer and alternator nut with a drop of medium strength Locktite. Torque the alternator nut to factory specs.
8. Remove the two bolts on the left side of the motor mount/cross bar assembly and clean the surfaces of any rust and burrs.
9. Attach the tensioner support bracket with the idler pocket facing the motor. Attach the bracket using the 2 bolts removed from the cross bar assembly and torque to 24 ft/lb.
10. Install the motor mount to the engine and torque to factory specifications.
11. Reattach the motor mount cross bar to the car body mounts so that the engine is supported and torque to factory specs.
12. Place belt over the pulleys.
13. Place the idler wheel/support into the pocket of the tensioner support bracket and attach with included bolt, finger tight.



14. Rotate the idler wheel into the belt to set belt tension. If using a belt tensioner, set tension to 100-lbs. To set by feel, ¼" deflection with 6-lbs (light pressure) at the center of the span. ***Note - Excessive belt tension will cause premature bearing failure.*** Tighten tensioner support bolt to 18 ft/lb.
15. Verify that everything is clear and start the engine. Check for smooth operation.
16. After a few hours of service, re-check the installation and belt tension.