

massive

speed system

2304 Spring Ridge Dr. Unit A Spring Grove, IL 60081

Massive Speed System Ford Focus 00-04 Zetec Pulley Installation

The Top Quality Performance Products

- Make sure car is parked on a level surface with the parking brake engaged
- Open hood, set prop rod in position. This allows better lighting for job
- Jack front of vehicle up, support with jack stands.
- Remove passenger side front wheel
- Remove lower pulley cover (black plastic shroud covering pulleys under vehicle) held by two 10mm head bolts **(Fig. 1)**
- FOR 2 PIECE PULLEY KIT ONLY!!! SINGLE PULLEY CUSTOMERS - SKIP THIS STEP!!!
Remove 3 x 10mm head bolts from water pump pulley and remove. Install new pulley, insert ridge facing in, align to inner 3 holes. Apply loc tite to bolts and snug by hand as much as possible. **(Fig. 2)**
- Remove crank pulley held by one 19mm or 3/4 head bolt. **(Fig. 3)** This is ideally done with an impact wrench. If one is not available, a breaker bar wedged between the ground and the car and a quick turn of the engine (1 second tops) should break it free. **This is done at your own risk!**
- Using a 15mm wrench, push on the tensioner (towards rear of car) and remove belt **(Fig. 4)**



Fig. 1



Fig. 2

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- FOR UNDERDRIVE PULLEY KIT CUSTOMERS ONLY!!! Stock size crank pulley kit customers please SKIP this step!!! Remove plastic timing shield behind crank pulley secured by 2 x 8mm head bolts. Remove circular ridge entirely or belt will rub. This can be done with a bench grinder, cut off wheel or by simply breaking off ridge with pliers. Reinstall shield when complete.

- Place new pulley on crank snout being sure to align keyway. **(Fig. 5)** Reinstall crank bolt. Torque to 85 Foot lbs. Having an assistant hold the brake pedal down may aid in this step.



Fig. 3

- Reinstall accessory belt following provided belt routing diagram. **(Fig. 6)** Tensioner again will need to be relieved by using 15mm wrench.

- Retorque water pump bolts with now tight belt.

- Reinstall lower shroud and wheel.

- Lower vehicle to ground.

- Test for proper operation

- Enjoy!!!



Fig. 4

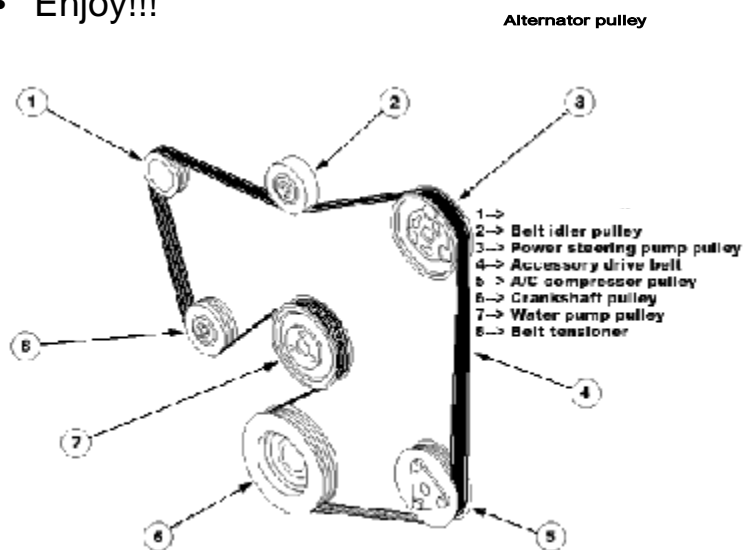


Fig. 6 Belt Routing Diagram



Fig. 5

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