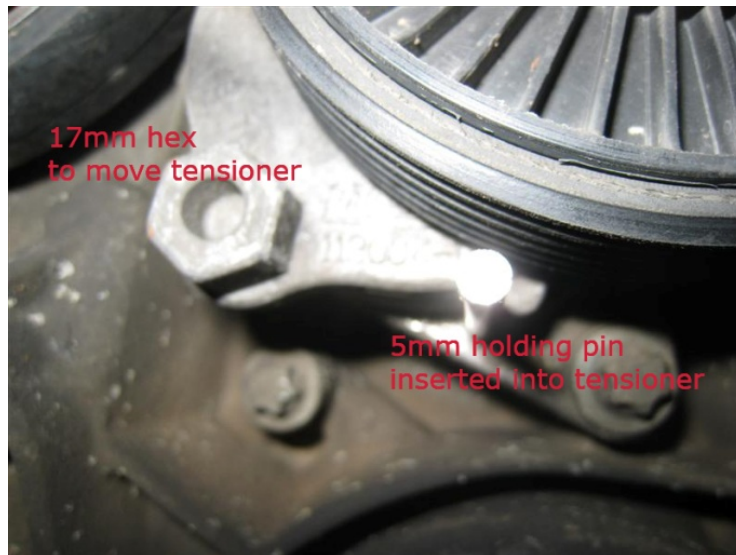


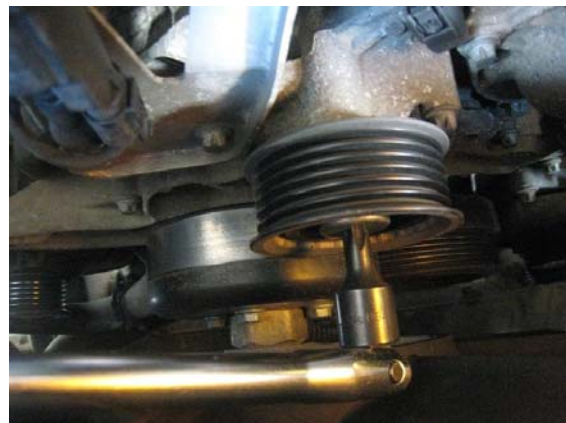
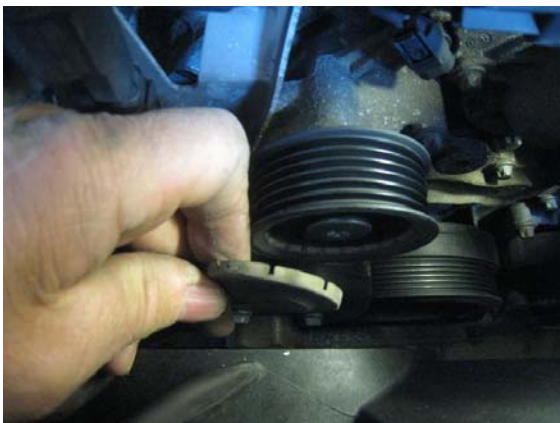
## Installation of Aluminum Idler Pulley on M113 Engine

[See other Mercedes-Benz engine applications](#)

- Remove serpentine fan belt
  - Use 17mm socket with a breaker bar to relax belt tension at tensioner
  - Insert a 5mm pin into provided lock off hole in the tensioner (see pic)
  - Remove serpentine belt just off the idler pulley or remove it completely



- Pry off the idler pulley's dust cap – do not discard
- Unscrew long Torx head bolt and take it out through the radiator fan blades
- Remove existing plastic pulley



- Install the new Aluminum Idler Pulley with the snap ring facing the radiator
- Insert the long Torx bolt and tighten to MB specs. Snap on original dust cap



- Reinstall serpentine fan belt
- Route fan belt as required by Mercedes-Benz
- Use the 17mm socket & breaker bar to move tensioner back and remove the 5mm holding pin
- Slowly & carefully, let the tensioner take up the slack of the loose belt – make sure the belt sits correctly in all the grooves.
- Remove all tools & parts prior to starting the engine.

This completes the installation of the Aluminum Idler Pulley.

The Aluminum Idler Pulley is fully serviceable, replacement bearings and snap rings are available.

**NEW** - the Aluminum Tensioner Pulley is now available as well



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