

Important Procedures For Water Pump Shaft and Seals

All Series Engines: Re: Water pump seal components used in the water pumps on Cat Engines.

Correct installation procedures can help prevent damage to engine water pump sealing components.

Procedure To Install Seals In The Engine Water Pump:

Thoroughly clean and inspect the pump shaft and stationary seal seat counterbore. Replace any components where deep pitting or extensive corrosion damage exist.

Immerse the carbon seal assembly in clean water or coolant. Do Not Use grease or oil or any lubricant, except clean water or coolant, that will reduce the friction between the seal and the shaft. Also avoid excessive stretching the rubber of the seal during installation. Stretching the seal may damage the seal.

Use the proper Seal Installation Tools available from Caterpillar and use hand pressure to install the seal and stationary ring and seal into the water pump housing.

Rev: 11-15-18

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