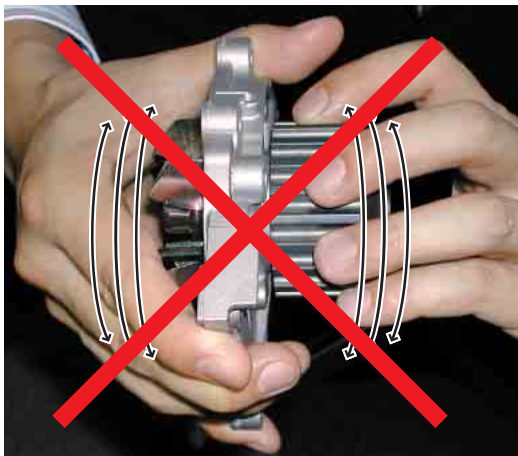




4 Precautions in Handling

Do not manually turn the pulley before installation of the water pump. In the mechanical seal, the soft carbon block may create residue on the ceramic block, generating abnormal (squealing) noises during operation.

1. Do not dry turn the pulley!



WARNING!
Dry turning will damage the mechanical seal. Pre-lubricate before turning.

2. Seal Damage Example: Mechanical Seal Inner View



Carbon block

Ceramic block

Dry turning will deposit carbon onto the ceramic block, causing squealing during operation.

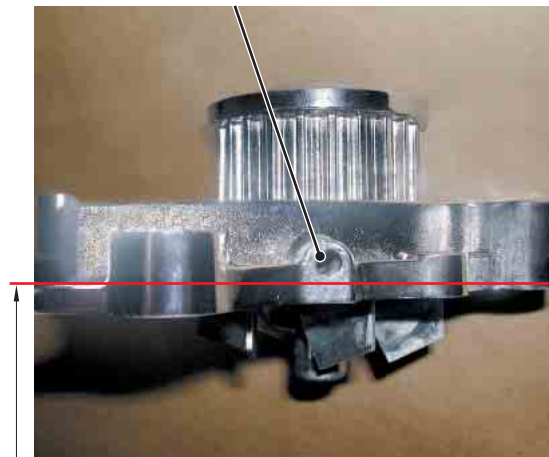
3. Pre-lubrication

Submerge the lower part of the pump body and the base of the rotor.



4. Water level

Caution: Do not submerge the weep hole or vapor hole in water.



Submerge the water pump body below the red line

Precautions

It is recommended that the lower part of the water pump is submerged in water for approximately 3 minutes prior to installation. This is to form a layer of water between the carbon and ceramic blocks in the mechanical seal, and prevent abnormal (squealing) noises from being generated. (Some noise may be heard at initial start-up, but will disappear after engine warm-up.)