

SERVICE INFORMATION LETTER

Subject: Damaged Surface on Wencor Gearset PN 902-160AWE

1. Planning

a. Effectivity

Wencor P/N	NHA P/N	NHA Description	ATA	Engine Application
902-160AWE	025277 025277-X00	Power Driven Rotary Fuel Pump	49-31-01	PT6T Series

b. Reason:

A customer reported that a single Gearset was delivered to them and upon receipt inspection; a damaged sealing surface was discovered on the Driving Gear as shown in Figure 1.

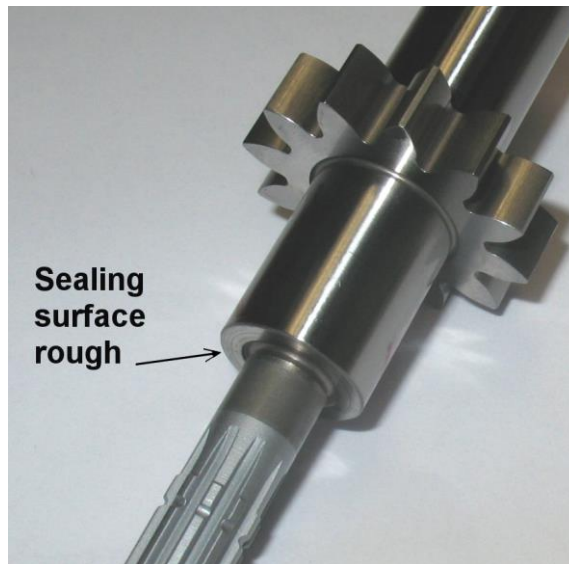


Figure 1, Shows Damaged Surface on Driving Gear

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1625 North 1100 West
Springville, UT 84663
801-489-2000

c. Background

The Gearset is installed into the Power Driven Rotary Fuel Pump. The pump provides fuel pressure and flow to the engine. The Gearset consists of 1 Driven Gear and 1 Driving Gear, which are matched together to create the Gearset. When installed into the pump, the subject surface on the Driving Gear makes contact with a Seal to keep fuel in the flow path of the pump, see Figure 2 below.

d. Safety

If a Fuel Pump was assembled with a Gearset that had a damaged sealing surface as described above, there would be the possibility of fuel leakage between the Driving Gear and the seal that contacts that surface. The leakage would be contained internal to the pump and the effects of the leakage would only reduce the efficiency of the pump.

2. Recommendations

For any Wencor Gearsets that are in customer stock and not installed into the NHA pump, do a visual examination on the subject surface of the Driving Gear for any surface flaw or damage that may prevent a good seal with the mating part. If surface flaws are discovered, please return the Gearset to Wencor as described in section 4 below.

Any Wencor Gearsets that have been installed into the NHA pump and passed the pump CMM test requirements may remain in service.

3. Compliance

There is no compliance date or time frame associated to this SIL.

4. Material

Wencor Gearsets that require replacement as a result of this Service Information Letter will be covered free of charge under the Wencor material warranty. If there are any questions regarding this Service Information Letter, please contact the applicable Wencor sales representative by calling 801-489-2000 or email: sales@wencor.com. For technical questions please contact Jon Bies at jbies@wencor.com.

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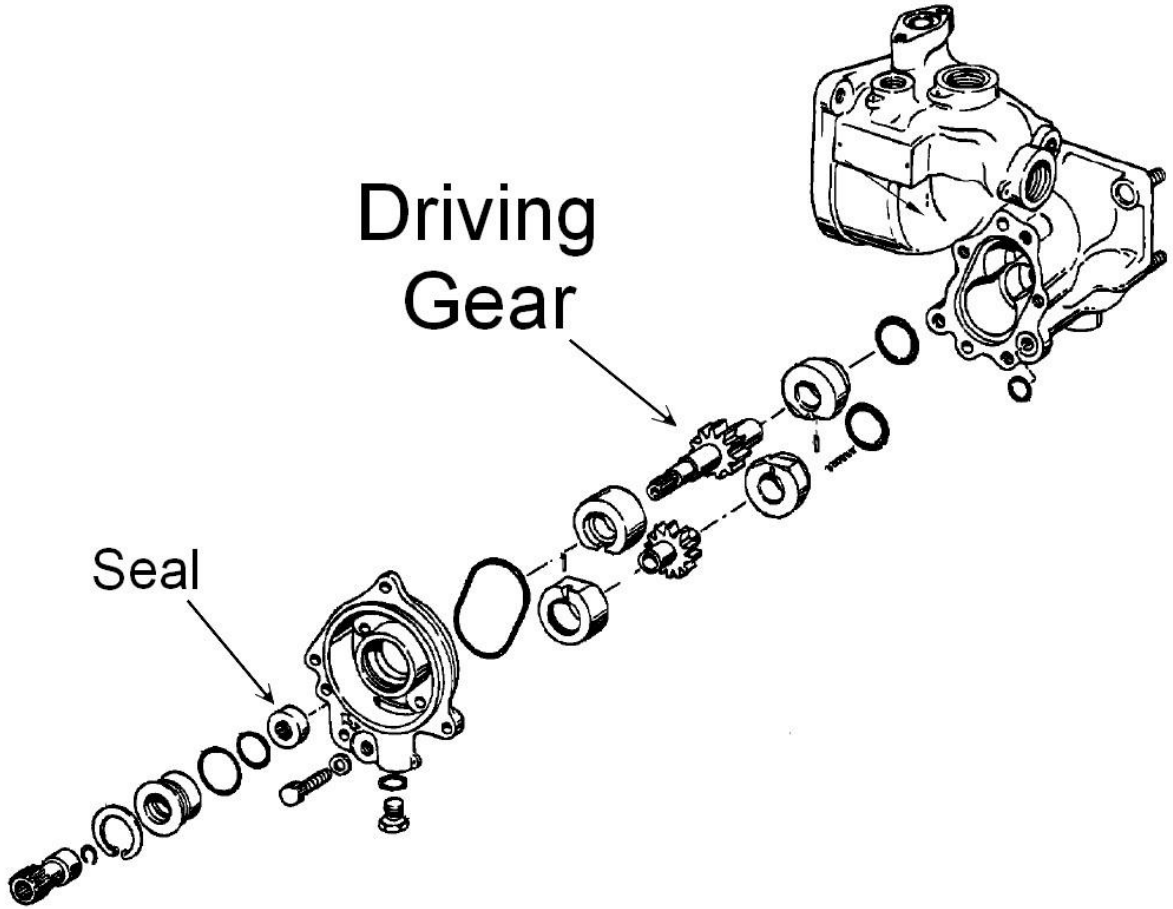


Figure 2, Installed Gearset, Showing Mating Seal