

## Service Kit Instructions

### Series 90 Pumps

## Side cover seal nut replacement procedure

#### Required Tools

- ½ inch socket wrench
- Calibrated torque wrench (½inch drive)
- 13 mm socket (½in drive) and 14 mm internal hex socket (½inch drive)

#### Caution

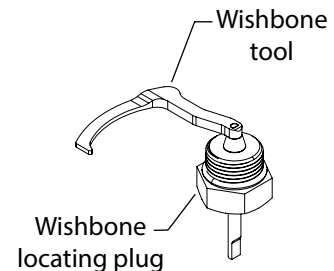
*Do not use air tool to complete required work*

#### Installation of Wishbone Tool

1. Watch the S90 Pump Seal Nut Replacement video:

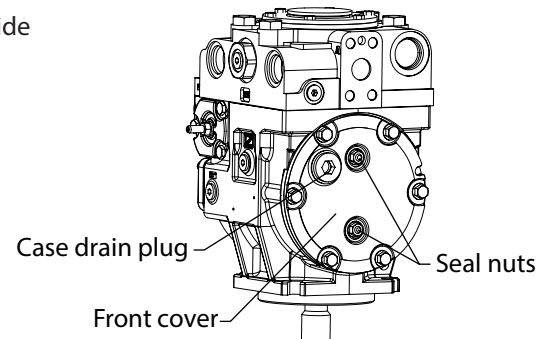
[www2.powersolutions.danfoss.com/s90repair](http://www2.powersolutions.danfoss.com/s90repair)

2. Drain oil from the pump
3. Clean front cover area and remove the drain port plug using a 14 mm internal hex socket
4. Insert the wishbone tool into the side cover drain port
5. Screw the wishbone locating plug into the side cover drain port
6. Seat the wishbone tool with the wing nut



#### Remove and Replace Side Cover Seal Nuts

1. Remove and discard the seal nuts
2. Clean any remaining seal material
3. Replace the seal nuts and torque to 17 ft•lbs



#### Remove Wishbone Tool

1. Reverse wishbone tool installation instructions above
2. Install case drain plug and torque to 30-100 ft•lbs