

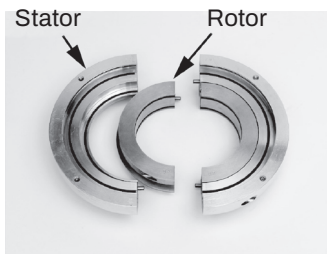
## Sleevoil® Bearing Isolator Instruction Manual

These instructions must be read thoroughly before installation or operation. This instruction manual was accurate at the time of printing. Please see [dodgeindustrial.com](http://dodgeindustrial.com) for updated instruction manuals.

**WARNING:** To ensure the drive is not unexpectedly started, turn off and lock-out or tag power source before proceeding. Failure to observe these precautions could result in bodily injury.

**WARNING:** All products over 25 kg (55 lbs) are noted on the shipping package. Proper lifting practices are required for these products.

**WARNING:** Only qualified personnel familiar with the construction and operation of this equipment and the hazards involved should install, adjust, operate and/or service it. Read and understand this manual in its entirety before proceeding. Failure to observe this precaution could result in severe bodily injury or loss of life.



Isolator Assembly Parts



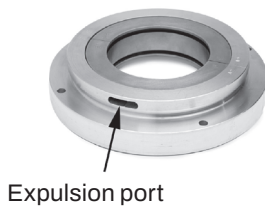
Supplied Lubricant  
Figure 1 - Bearing Isolator Assembly

### INSTALLATION

1. Disassemble the split rotor and stator.

**NOTE:** Rotor and stator halves have match marks stamped above and below the joint. Use these match marks to ensure that parts stay paired.

2. Apply a very thin film of RTV or non-hardening sealant on the joints of the rotor halves and apply the supplied lubrication to the shaft and rotor o-rings.
3. Assemble the rotor halves to the shaft. Tighten bolt to torque specified in Table 1. Make sure the backside of the rotor (side without the match mark) is placed facing towards the housing as shown in Figures 2 and 6. Slide the rotor down the shaft leaving about 1/8" (3.0 mm) between the rotor and the housing face.



Expulsion port

Front



Setscrews  
(supplied)

Back

**WARNING:** Because of the possible danger to person(s) or property from accidents which may result from the improper use of products, it is important that correct procedures be followed. Products must be used in accordance with the engineering information specified in the catalog. Proper installation, maintenance and operation procedures must be observed. The instructions in the instruction manuals must be followed. Inspections should be made as necessary to assure safe operation under prevailing conditions. Proper guards and other suitable safety devices or procedures as may be desirable or as may be specified in safety codes should be provided, and are neither provided by Dodge® nor are the responsibility of Dodge. This unit and its associated equipment must be installed, adjusted and maintained by qualified personnel who are familiar with the construction and operation of all equipment in the system and the potential hazards involved. When risk to persons or property may be involved, a holding device must be an integral part of the driven equipment beyond the speed reducer output shaft.



Figure 2 - Rotor Assembly in Place

4. Apply a very thin film of RTV or non-hardening sealant to the joints of the stator halves. Begin by placing the lower stator half (containing the expulsion port) on the top of the rotor and housing dovetail, and rotate it so that the expulsion port is at the 6:00 position, as shown in Figure 3. Apply the supplied lubricant on the rotor to facilitate the sliding of the stator half.

Note: Expulsion port is rotated clockwise to the 6:00 position.

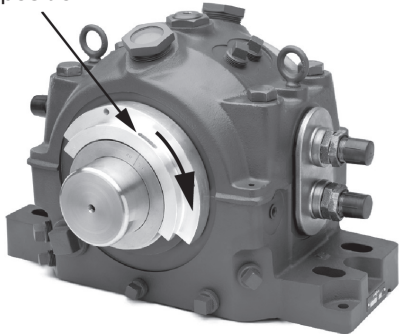


Figure 3 - Stator Lower Half to be Rotated

5. Place the upper stator half over the top of the rotor and housing dovetail and complete the stator assembly.
6. While alternating, lightly tighten the set screws against the housing face. (Try to tighten screws that are 180° apart simultaneously.)



Figure 4 - Set Screw Tightening



Figure 5 - SLV Isolator Assembly with Bearing

Table 1 - Torque Values (in/lbs)

Shaft Size	3-7/16 thru 5-7/16	6 thru 12
Rotor	40	60
Stator	60	60

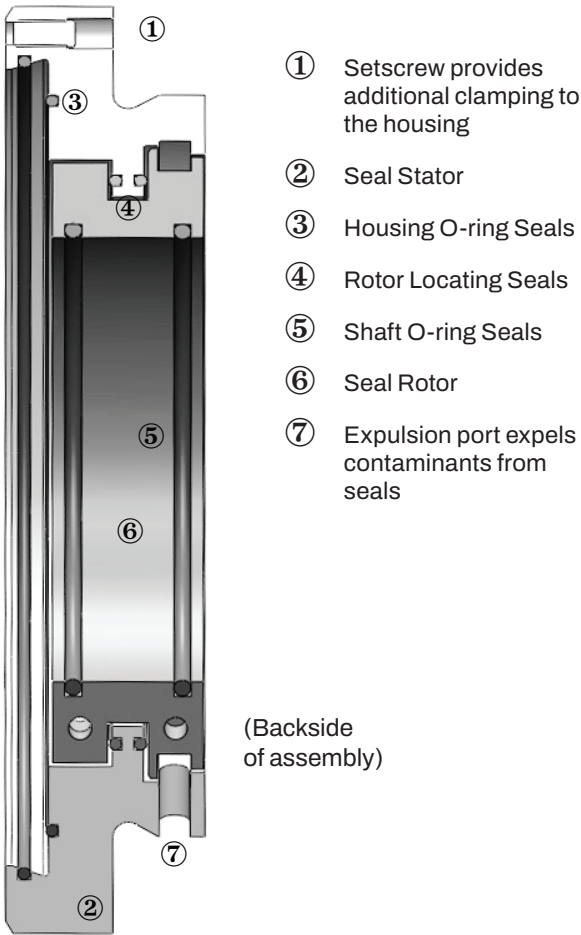


Figure 6 - SLV Isolator Assembly

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