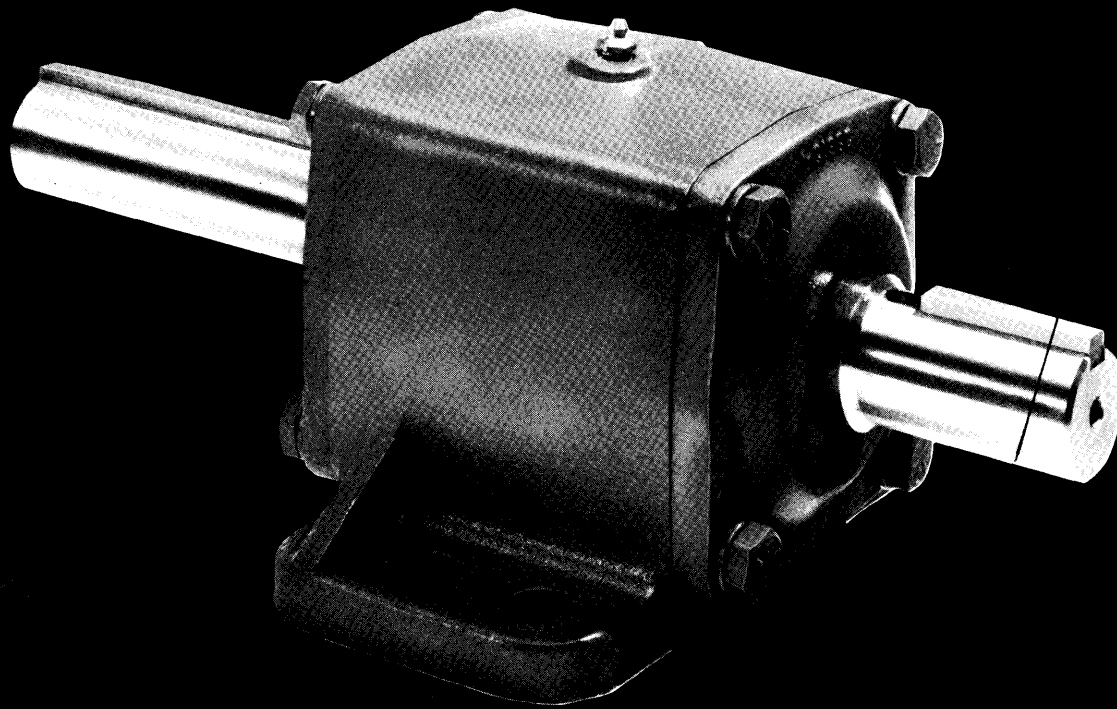


TULSA[®]
Service
Parts
Information

HB800
Hanger Bearing

SPERRY  **VICKERS**



HB800

Item No.	Part Number	No. Req'd	Description
1	28060	8	Cap Screw
2	20518	8	Lockwasher
3	33614	2	Cap
4	20281	2	Seal
5	SA3700		Shim Set
	<i>Which includes:</i>		
	33620	3	Shim .005
	33621	3	Shim .007
	33622	1	Shim .020
6	33616	2	Bearing Cup
7	33617	2	Bearing Cone
8	33619	1	Key
9	33615	1	Shaft
10	33618	1	Key
11	21128	1	Grease Fitting
12	33612	1	Housing

Disassembly of Model HB800 Series Hanger Bearing

(Reference Drawing No. A69741)

1. Remove keys (Items 8 and 10) from shaft (Item 9).
2. Remove cap screws (Item 1) and lockwashers (Item 2) which retain caps (Item 3).
3. Remove caps (Item 3) containing seals (Item 4) being especially careful as shaft grooves may damage seal lips.
4. Remove shim sets (Item 5).
5. Drift or press out bearing cup (Item 6) from one side of housing (Item 12).
6. Remove shaft subassembly (Items 7 and 9) from housing (Item 12).
7. Drift or press out bearing cones (Item 7) from shaft (Item 9).
8. Bearing cup (Item 6) remaining in housing (Item 12) can be pressed from housing if it is damaged or worn. Otherwise, removal is not necessary.

Assembly Instructions

Reverse the procedure to reassemble.

- NOTE:**
- a. Heating bearing cones (Item 7) to 212°F in bearing heater or oil bath, or freezing shaft (Item 9) will ease installation of cones on shaft.
 - b. Freezing bearing cups (Item 6) will ease their installation in housing (Item 12).
 - c. Capscrews (Item 1) should be torqued to 75 ft.-lbs.
 - d. Shim to achieve a .005 end play in shaft (Item 9). Install one .005 (blue) shim behind front cap (Item 3) and shim other side to acquire desired end play.
 - e. A lithium bearing grease should be used in unit, filling it until grease begins to extrude from one of the seals (Item 4).

