

Repair Parts for B&G Series 1510 & e-1510 Pumps

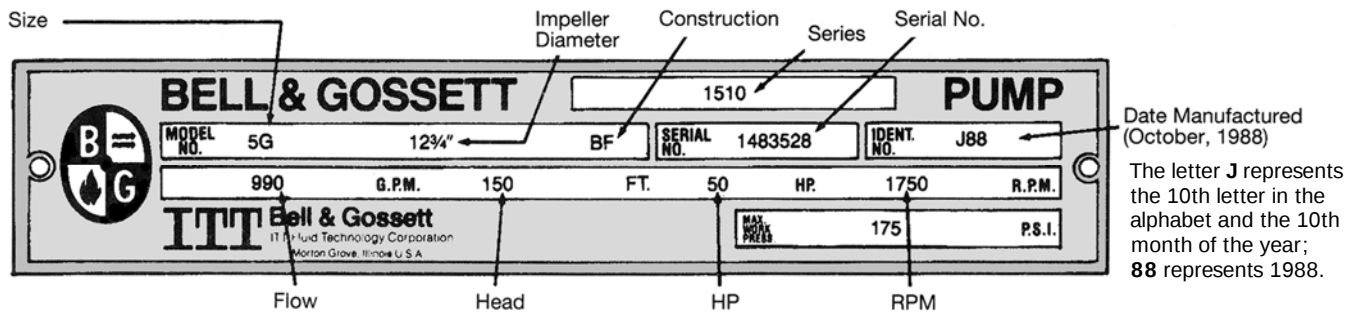
Repair Parts Notification

Both the old style 1510 (made before 2015) and the New style e-1510 pumps share the same repair parts except for the following:

- **Impellers** - All stainless steel on the e-1510; bronze on the 1510.
 - **Shaft sleeve** - All stainless steel on the e-1510; bronze on the 1510.
- Also, the pump volute design changed on a majority of e-1510 pumps.

Repair Parts Ordering:

- Find the pump nameplate and and bearing assembly number.
- See following pages to order repair parts.



Date Manufactured (October, 1988)

The letter **J** represents the 10th letter in the alphabet and the 10th month of the year; **88** represents 1988.

The pump's identification nameplate is normally found on the pump's base frame.

To order the correct repair parts . . .

You need to know if your 1510 series pump has a $1\frac{1}{4}$ " or $1\frac{5}{8}$ " diameter pump shaft at the pump end (the side where the spring water seal kit and impeller are located).

Bearing Assembly I.D. Number . . .

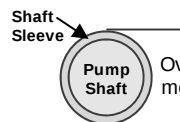
will allow you to identify the shaft's diameter size:

Bearing Assembly I. D. No.	Shaft O.D. Size
185011(LF)	1 1/4"
185013(LF)	
186660(LF)	
185014(LF)	1 5/8"
185016(LF)	

New bearing assemblies have a suffix of LF, indicating lead free.

- The **185011**, **185013** and **186660** bearing assemblies have a $1\frac{1}{4}$ " outside diameter pump shaft & pump shaft sleeve measurement.

- The **185014** and **185016** bearing assemblies have a $1\frac{5}{8}$ " outside diameter pump shaft & pump shaft sleeve measurement.



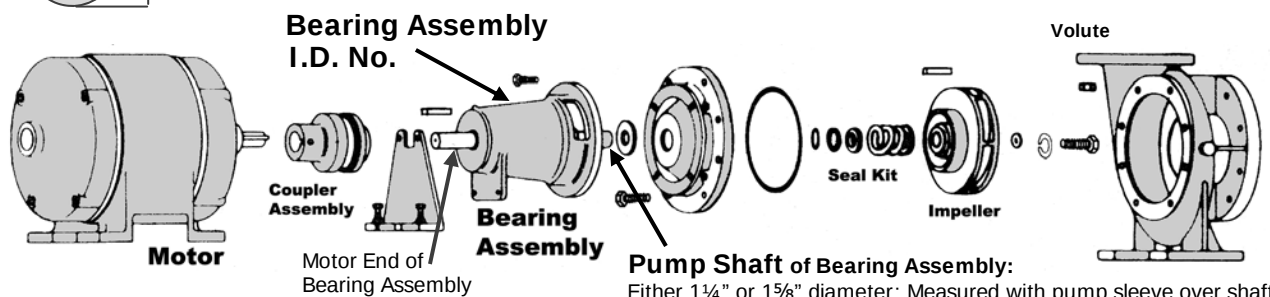
Overall Shaft Diameter either $1\frac{1}{4}$ " or $1\frac{5}{8}$ " measured with Shaft Sleeve over Pump Shaft.

"My Bearing Assembly I.D. No. is Missing!"

The "Motor Frame Size" chart below shows the bearing assembly's shaft diameter associated with the frame size shown on the pump's motor nameplate.

- Motors with a frame size of 56 up to 184T drive a bearing assembly's $1\frac{1}{4}$ " pump-side shaft.
- Motors with a frame size of 284T and higher drive a bearing assembly's $1\frac{5}{8}$ " diameter pump-side shaft. Motors with a frame size from 213T to 256T can have a bearing assembly with either a $1\frac{1}{4}$ " or $1\frac{5}{8}$ " pump shaft.

Pump Shaft Size	Pump Shaft Size vs. Motor Frame Size									284T or Higher
	56	143T	145T	182T	184T	213T	215T	254T	256T	
						Call for Help!				
1 1/4"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
1 5/8"	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes

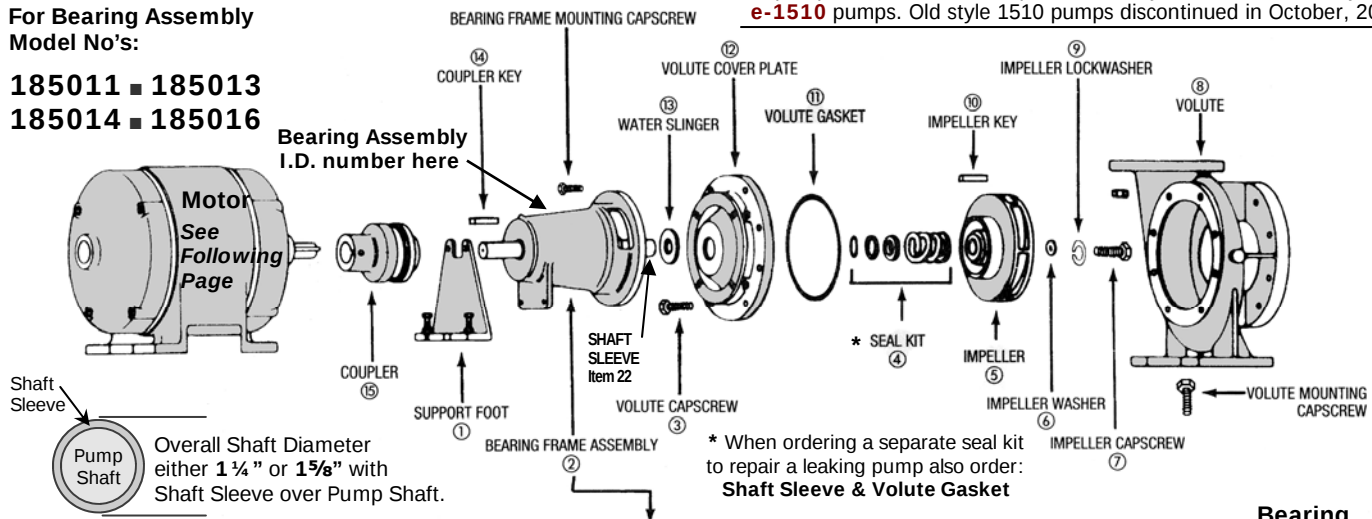


Repair Parts for ALL 1510 Pumps with Ball Bearing Assemblies

For Bearing Assembly
Model No's:

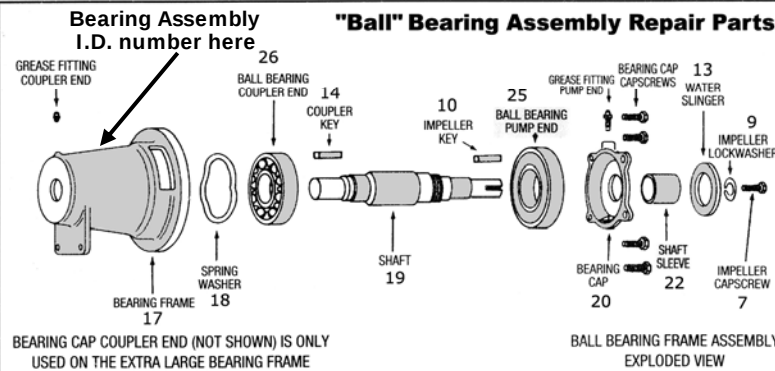
185011 ■ 185013
185014 ■ 185016

Repair parts shown below repair the old style **1510** and new style **e-1510** pumps. Old style 1510 pumps discontinued in October, 2014



Determining Shaft Size By Bearing Assembly No.

Bearing Assy. No.	Shaft O.D. Size
185011	1 1/4"
185013	1 1/4"
185014	1 5/8"
185016	1 5/8"



Bearing Assembly includes all the pumping components except a Seal Kit. Order Seal Kit separately.

Identify by Bearing Assembly I.D. No.	Complete Bearing Assemblies		REPAIR PARTS for the Related Bearing Assemblies					
Bearing Assembly No. & Related Parts	¹ Bearing Assembly Red	¹ Bearing Assembly Bronze	Item # 11 Volute Gasket	Item # 5 Impeller	Item #10 Impeller Key	Item #6 Impeller Washer	Item #9 Impeller Lock Washer	Item #7 Impeller Cap Screw
185011 or 185013	185011 1 1/4" shaft	185013 1 1/4" shaft	BG1545	<i>See Impeller Selection Chart</i>	⁴ BG1517X	BG1544C	BG1511E	BG1549B
185014 or 185016	185014 1 5/8" shaft	185016 1 5/8" shaft	BG1605		⁵ BG1547A	BG1544D		

Bearing Assembly & Parts <i>Continued . . .</i>	¹ Bearing Assembly Red	¹ Bearing Assembly Bronze	Item #15 Complete Coupler	Item #14 Coupler Key	Item # 19/22 Shaft with Sleeve	Item # 25 Ball Bearing, Pump End	Item # 26 Ball Bearing, Coupler End	Item #13 Water Slinger
185011 or 185013	185011 1 1/4" shaft	185013 1 1/4" shaft	<i>See Coupler Selection Chart</i>	⁴ BG1517Y	BG1361B	BG1513	BG1512	BG1550
185014 or 185016	185014 1 5/8" shaft	185016 1 5/8" shaft		⁵ BG1546H	BG1568R (shaft only)			

Bearing Assembly & Parts <i>Continued . . .</i>	¹ Bearing Assembly Red	¹ Bearing Assembly Bronze	Item # 4 Standard Seal Kit	Item #22		Item #1 Volute Cover Plate	Item #18 Spring Washer	Item #20 Bearing Cap
185011 or 185013	185011 1 1/4" shaft	185013 1 1/4" shaft	BG1415	Shaft Sleeve Old 1510	Shaft Sleeve New e-1510	BG1378	BG2710	BG1561T
185014 or 185016	185014 1 5/8" shaft	185016 1 5/8" shaft	BG1385	BG1347A	BG7005	BG1551G		

Master Seal Kit for Bearing Assemblies below	Master Seal Kit includes: #4 seal kit, #22 shaft sleeve, #11 volute gasket and #13 water slinger
185011 or 185013	BGKIT1
185014 or 185016	BGKIT2

NOTES:

- ¹ Seal kit not included with bearing assembly.
 - ⁴ Woodruff key style for 1510 pumps made until 1989.
 - ⁵ Straight key style for 1510 pumps made after 1989.
- Impeller key, washer & lock washer