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## TYPE OL, OLN, LN (PC 37, 38, 39, 12) REPLACEMENT PARTS GUIDE

While PACO In-Line Pumps are designed and built to provide maximum life while requiring minimum attention and service, replacement parts may at times be required. **Virtually All Required Parts are Available In Kit Form.**

These kits (easily selected from the charts on the following pages) have been designed to insure that any parts needed when replacing any In-Line component is furnished when you need it, with minimum effort.

### I. GUIDELINES AND SUGGESTIONS

#### A. GENERAL NOTES

The pump nameplate contains all data required in the selection and ordering of the proper replacement parts kit. The **PUMP MODEL AND SERIAL NUMBER** should be referenced whenever any replacement parts kit is ordered, while the **pump conditions** (GPM/TDH) and **impeller** trim are **required** data for the ordering of replacement impellers.

#### B. REPLACE A MECHANICAL SEAL

- You will need the correct Seal Kit, which contains all gaskets and impeller hardware. Shaft sleeve inspection is suggested.

**Note: Seal kits are always recommended as spare parts.**

#### C. REPLACE THE SHAFT SLEEVES

- Select sleeve from sleeve chart. A Seal Kit will provide other normally needed parts.

**Note: For close-coupled units, motor frame type is required for proper sleeve replacement. Motor type is indicated by frame designation, found on motor nameplate:**

Gyropoise Motors—Frame **XXXTG**  
JM Motors—Frame **XXXJM** or **XXXJMZ**  
CCP Motors—All Others

(Fractional construction X0XXXX and X1XXXX do not require sleeves.)

#### D. REPLACE IMPELLER

- You will need the correct Impeller Kit which contains all gaskets and impeller hardware. A Wear Ring Kit is highly recommended, and a Seal Kit will probably be required.

Shaft sleeve inspection is suggested.

#### E. REPLACE WEAR RINGS

- You will need the correct Wear Ring Kit. An Impeller Kit may be indicated if wear is excessive. A Seal Kit will provide all other normally replaced components.

#### REPLACE BEARINGS

You will need the correct Bearing Frame Parts Kit which contains the bearings and moisture seals.

#### REPLACE THE SHAFT

You will need the correct Shaft Kit, Bearing Frame Parts Kit, Shaft Sleeve and a Seal Kit will probably be required.

To overhaul the bearing frame, you will need a Bearing Frame Parts Kit and a Shaft Kit.

**NOTE:** Seal Kits are always recommended as spare parts.

#### ORDERING

After determining and selecting the required Kit(s), or for selection assistance, contact your local PACO Pumps Sales Office, Distributor or Representative.

	PUMP MODEL NUMBER	PUMP CONSTR. CODE	IMPELLER KIT (1)		WEAR RING KIT	SLEEVE (2)	HARDWARE KIT	SEAL KIT (3)
			BRONZE	IRON				
TYPE LN PC-12	1070-5	X0	K1966-B	K1966-C	K1231	—	K1265	K603-X
	1070-5	X3	K1967-B	K1967-C	K1231		K1265	K606-X
	1250-1	X0	K1000-B	K1000-C	—	—	K1266	K604-X
	1250-5	X0	K1001-B	K1001-C	—	—	K1266	K604-X
	1270-5	X3	K1011-B	K1011-C	K1232		K1265	K606-X
	1550-1	X0	K1001-B	K1001-C	K1201	—	K1266	K604-X
	1550-7	X0	K1973-B	K1973-C	—	—	K1266	K604X
	1550-7	X1	K1974-B	K1974-C	—	—	K1266	K605-X
	1560-5	X3	K1818-B	K1818-C	—		K1814	K617-X
	1570-3	X3	K1015-B	K1015-C	K1204		K1265	K606-X
TYPE OL PC-37 PC-38	1070-7	X3	K1968-B	K1968-C	K1233		K1263	K600-X
	1570-7	X3	K1112-B	K1112-C	K1234		K1263	K601-X
	1595-1	XB	K1114-B	K1114-C	K1236		K1264	K602-X
	1595-5	XB	K1115-B	K1115-C	K1236		K1264	K602-X
TYPE OLN PC-39	1070-7	X300XX	K1968-B	K1968-C	K1233		K1263	K607-X
	1070-7	X34AXX	K1968-B	K1968-C	K1233		K1263	K600-X
	1570-3	X3	K1113-B	K1113-C	K1235		K1263	K608-X
	1595-1	XB	K1114-B	K1114-C	K1236		K1264	K602-X
	1595-5	XB	K1115-B	K1115-C	K1236		K1264	K602-X
	2095-3	XB	K1116-B	K1116-C	K1237		K1264	K610-X

**NOTES:**

- (1) Specify Impeller diameter when ordering.
- (2) Un-Kitted, see page 3 for selection chart.
- (3) See page 4 for seal selection, add the appropriate dash number to kit No.

**BEARING FRAME ASSEMBLY (OL, OLN)**

BEARING FRAME NUMBER	BEARING FRAME ASSEMBLY PART NO.		BEARING FRAME KIT NO.	SHAFT KIT NO. (STEEL)	SHAFT KIT NO. (STAINLESS)
	STEEL SHAFT	S.S. SHAFT			
4A	—	20061643	K213	—	K220
6A	20061863	—	K214	K219	K236

**OBSOLETE MODELS**

	PUMP MODEL NUMBER	PUMP CONSTR. CODE	IMPELLER KIT (1)		WEAR RING KIT	SLEEVE (2)	HARDWARE KIT	SEAL KIT (3)
			BRONZE	IRON				
TYPE OL PC-37 PC-38	1070-1	X3	K1242-B	K1242-B	K1243	05015070B	K1263	K607-6
TYPE OLN PC-39	1070-3	X3	K1290-B	K1290-B	K1243	05015070B	K1263	K607-6

**SHAFT SLEEVES (1)**

PUMP MODEL NO.	PUMP CONSTR. CODE	PRODUCT CODE					PART NUMBER
		12	37	38	39 UNITYTYPE	39 FRAME	
1070	X3	X					05017547B 05017547H303
			X				05004897B 05004897H303
					X		05015070B 05015070H303
1270 1550	X3	X					05017547B 05017547H303
1570	X3	X					05017547B 05017547H303
			X		X		05004897B 05004897H303
1595	XB						05013270B 05013270H303
2095	XB				X	X	05013270B 05013270H303

(1) Requires 34029915, Tube of Locktite.

**GASKETS**

PUMP SIZE *	PRODUCT CODE	CONSTRUCTION CODE	GASKET NUMBER
5"	12	X0, X1, X3	11005688X006 11007111X008
7"	12	ALL	17032665G4 11007111X008
	37, 38, 39	MODEL 1070	11004879X006 11004880X006
	37, 38	MODEL 1570	11004880X006 11010509X006
	39	MODEL 1570	11010509X006 17021261G
9-1/2"	37, 38, 39	XB	17021272G 17021331G

\* (Nominal Maximum Impeller Diameter)

**MECHANICAL SEAL KITS**

	PUMP MODEL	PUMP CONSTR. CODE	STANDARD SEAL	STANDARD SEAL	VITON	TUNGSTEN
			BUNA CERAMIC SEAT CODE 1XXXXX BF2C1	BUNA NI-RESIST SEAT C-CODE 7XXXXX BF271	NI-RESIST SEAT C-CODE 6XXXXX XF271	CARBIDE SEAT C-CODE 2XXXXX XF2D1
	1070	X0	—	—	K603-6	K603-2
	1070	X3	—	—	K606-6	K606-2
	1250	X0	—	—	K604-6	K604-2
TYPE LN	1270	X3	—	—	K604-6	K606-2
PC-12	1550	X0	—	—	K604-6	K604-2
	1550	X1	—	—	K605-6	K605-2
	1550	X3	K1815-1	K1815-7	K1815-6	K1815-2
	1570	X3	—	—	K606-6	K606-2
TYPE OL	1070	X3	K600-1	K600-7	K600-6	K600-2
PC-37	1570	X3	K601-1	K601-7	K601-6	K601-2
PC-38	1595	XB	K602-1	K602-7	K602-6	K602-2
	1070	X300XX	—	—	K607-6	K607-2
TYPE OLN	1070	X34AXX	K600-1	K600-7	K600-6	K600-2
PC-39	1570	X3	—	—	K608-6	K608-2
	1595	XB	K602-1	K602-7	K602-6	K602-2
	2095	XB	—	—	K610-6	K610-2

**EXPLANATION OF PUMP CODING  
 (REFER TO PUMP NAMEPLATE)**

**XX**  
 —  
 —  
**PRODUCT  
 CODE**

**XXXXX**  
 —  
 —  
**MODEL  
 NUMBER**

**XXXXXX**  
 —  
 —  
**CONSTRUCTION  
 CODE**

**KIT COMPONENTS**

**IMPELLER KIT:**

- Impeller
- Volute Gasket
- Backplate Gasket
- Impeller Cap Screw
- Impeller Washer
- Impeller Key
- Impeller Nut
- Locktite

**SEAL KIT:**

- Mechanical Seal
- Volute Gasket
- Backplate Gasket
- Seal Cap Gasket
- Impeller Cap Screw
- Impeller Washer
- Impeller Key
- Impeller Nut
- Locktite

**SLEEVES:  
 (Non-Kitted)**

- Bronze
- Stainless Steel

**HARDWARE KIT:**

- Cap Screws
- Studs
- Nuts

**WEAR RING KIT:**

- Wear Rings, Bronze

**GASKETS  
 (Non-Kitted)**

**BEARING FRAME  
 ASSEMBLY**

**BEARING FRAME KIT**

- Ball Bearings
- Moisture Seals
- Retaining Rings

**SHAFT KIT:**

- Shaft
- Slinger
- Keys

**NOTE:**

Kits may not contain all parts listed. They are individually selected for each pump and its construction.

Kits contain gaskets wherever gasket replacement is indicated, as noted above. Should "individual" gaskets be required. See page 3.