

A3b.2

June, 2013

Supersedes May, 2012



INLINE CENTRIFUGAL PUMPS REPLACEMENT PARTS GUIDE

PACO TYPE VL, VLS, VLF

This guide is valid for all PACO products beginning with product codes 16, 17 and 127 only.

See back cover for explanation and identification.

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 ensure that any parts needed when replacing any Inline Pump component are furnished when you need them, with minimal effort.

GUIDELINES AND SUGGESTIONS:

The pump nameplate and motor frame size supplies 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.

TO REPLACE A MECHANICAL SEAL

Select the correct Seal Kit, which contains the volute and backplate gaskets as appropriate. Shaft sleeve on type VL and VLF and shaft (type VLS) inspection is suggested, and replacement made as indicated.

TO REPLACE SHAFT SLEEVES (Type VL and VLF)

You will need a Shaft sleeve Kit. A Seal or Packing Kit will provide other normally needed parts.

TO REPLACE IMPELLER

An Impeller Kit is required; a Wear Ring Kit is highly recommended, and a Seal or Packing Kit will provide all other normally replaced components.

TO REPLACE WEAR RINGS

A Wear Ring kit is required. A Seal/Packing Kit will provide all other normally replaced components. Shaft sleeve inspection is suggested.

TO REPLACE GASKETS

Order appropriate individual Gaskets, as needed.

TO REPLACE LOST/DAMAGED HARDWARE

Hardware Kits are available, for 175 PSI units. (For 250 PSI refer to factory).

TO OVERHAUL THE PUMP

You will need an Impeller Kit, a Wear Ring Kit, Sleeve or Shaft Kit, and a Seal kit. For Frame Mounted Pumps (Type VLF), see A1b.2 for bearings, shafts, and other bearing frame parts.

PLACING AN ORDER

After determining and selecting the required Kit(s), or for selection assistance, contact your local PACO sales office, representative or distributor.

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| PUMP MODEL NO. | PUMP CONST. CODE | IMPELLER KIT (1) | | | WEAR RING KIT | HARDWARE KIT | SLEEVE | SEAL KIT |
|----------------------|------------------------|---------------------|-------------|----------|---------------------|-----------------|--------|-------------|
| | | BRONZE | N.A. Bronze | IRON | | | | |
| 1270-5 (2) | X0XXXX | 91911003 | | 91911004 | 91910538 | 91910592 | | |
| 1270-5 (2) | X3XXXX | 91911005 | | 96647857 | 91910538 | 91910593 | | |
| 1270-7 | X0XXXX | 91911003 | | 91911004 | 91910538 | 91910592 | | |
| 1270-7 | X3XXXX | 91911005 | | 96647857 | 91910538 | 91910593 | | |
| 1570-5 | X0XXXX | 91909723 | | 97686155 | 91910539 | 91910592 | | |
| 1570-5 | X3XXXX | 91909724 | | 91909725 | 91910539 | 91910593 | | |
| 1570-7 (3) | X0XXXX | 91910999 | | 91915361 | 91910539 | 91910592 | | |
| 1570-7 (3) | X3XXXX | 91911000 | | 91911001 | 91910539 | 91910593 | | |
| 1570-9 | X0XXXX | 91910999 | | 91915361 | 91910539 | 91910592 | | |
| 1570-9 | X3XXXX | 91911000 | | 91911001 | 91910539 | 91910593 | | |
| 2070-1 | X0XXXX | 91909734 | | - | 91910540 | 91910592 | | |
| 2070-1 | X3XXXX | 91909735 | | 91909736 | 91910540 | 91910593 | | |
| 2070-5 | X0XXXX | 91909737 | | 91909738 | 91910540 | 91910592 | | |
| 2070-5 | X3XXXX | 91909739 | | 91909740 | 91910540 | 91910593 | | |
| 2570-5 | X0XXXX | 91909741 | | - | 91910541 | 91910592 | | |
| 2570-5 | X3XXXX | 91909742 | | 91909743 | 91910541 | 91910593 | | |
| 2570-7 | X0XXXX | 91909748 | | - | 91910541 | 91910592 | | |
| 2570-7 | X3XXXX | 91909749 | | 91909750 | 91910541 | 91910593 | | |
| 2570-7 | X4XXXX | 91909754 | | 91909755 | 91910541 | 91910594 | | |
| 2570-9 | X0XXXX | 91911589 | | 91911590 | 91910541 | 91910592 | | |
| 2570-9 | X3XXXX | 91911595 | | 91911596 | 91910541 | 91910593 | | |
| 2570-9 | X4XXXX | 91911601 | | 91911602 | 91910541 | 91910594 | | |
| 3070-5 | X3XXXX | 91909758 | | 91909759 | 91910542 | 91910593 | | |
| 3070-5 | X4XXXX | 91909760 | | 91909761 | 91910542 | 91910594 | | |
| 3070-7 | X3XXXX | 91909762 | | 91909763 | 91910542 | 91910593 | | |
| 3070-7 | X4XXXX | 91909765 | | 91909766 | 91910542 | 91910594 | | |
| 4070-5 | X3XXXX | 91909768 | | 91909769 | 91910543 | 91910593 | | |
| 4070-5 | X4XXXX | 91909770 | | 91909771 | 91910543 | 91910594 | | |
| 4070-7 | X3XXXX | 91909772 | | 91909773 | 91910544 | 91910593 | | |
| 4070-7 | X4XXXX | 91909777 | | 91909778 | 91910544 | 91910594 | | |
| 5070-5 | X3XXXX | 91909779 | | 91909780 | 91910546 | 91910593 | | |
| 5070-5 | X4XXXX | 91909781 | | 91909782 | 91910580 | 91910594 | | |
| 5070-7 | X3XXXX | 91909783 | | 91909784 | 91910548 | 91910593 | | |
| 5070-7 | X4XXXX | 91909788 | | 91909789 | 91910583 | 91910594 | | |
| 2095-1 | X3XXXX | 91909791 | | 91909792 | 91910540 | 91910595 | | |
| 2095-5 | X3XXXX | 91909793 | | 91909795 | 91910540 | 91910595 | | |
| 2095-5 | X4XXXX | 91909796 | | 91909797 | 91910540 | 91910596 | | |
| 2095-7 | X3XXXX | 91909798 | | 91909799 | 91910540 | 91910595 | | |
| 2095-7 | X4XXXX | 91909800 | | - | 91910540 | 91910596 | | |
| 2095-9 | X3XXXX | 91911017 | | 91911018 | 91910540 | 91910595 | | |
| 2095-9 | X4XXXX | 91911019 | | 91911020 | 91910540 | 91910596 | | |
| 2595-1 | X3XXXX | 91909810 | | 91909812 | 91910541 | 91910595 | | |
| 2595-1 | X4XXXX | 91909813 | | 91909814 | 91910541 | 91910596 | | |
| 2595-3 | X3XXXX | 91909815 | | 91909816 | 91910541 | 91910595 | | |
| 2595-3 | X4XXXX | 91909819 | | 91909820 | 91910541 | 91910596 | | |
| 3095-1 | X3XXXX | 91909821 | | 91909822 | 91910542 | 91910595 | | |
| 3095-1 | X4XXXX | 91916836 | | - | 91910542 | 91910596 | | |
| 3095-3 | X3XXXX | 91909823 | | 91909824 | 91910542 | 91910595 | | |
| 3095-3 | X4XXXX | 91909825 | | 91909826 | 91910542 | 91910596 | | |
| 3095-5 | X3XXXX | 91909827 | | 91909829 | 91910542 | 91910596 | | |
| 3095-5 | X4XXXX | 91909830 | | 97665079 | 91910542 | 91910596 | | |
| 3095-7 | X3XXXX | 91911369 | | 91911370 | 91910542 | 91910595 | | |
| 3095-7 | X4XXXX | 91911371 | | 91911372 | 91910542 | 91910596 | | |
| 4095-3 | X3XXXX | 91909850 | | - | 91910543 | 91910595 | | |
| 4095-3 | X4XXXX | 91909852 | | - | 91910543 | 91910596 | | |
| 4095-5 | X3XXXX | 91909853 | | 91909854 | 91910543 | 91910595 | | |
| 4095-5 | XAXXXX | 91909855 | | 91909856 | 91910567 | 91910596 | | |
| 4095-7 | X3XXXX | 91911630 | 97642561 | 91911633 | 91910543 | 91910595 | | |
| 4095-7 | XAXXXX | 91911637 | 96762426 | 91911638 | 91910567 | 91910596 | | |
| 5095-5 | X3XXXX | 91909857 | | 91909858 | 91910549 | 91910595 | | |
| 5095-5 | X4XXXX | 91909859 | | 91909860 | 91910549 | 91910596 | | |
| 5095-B | XAXXXX | 91909861 | | 91909862 | 91910549 | 91910596 | | |
| 5095-7 | X3XXXX | 91909863 | 97920032 | 91909865 | 91910549 | 91910595 | | |
| 5095-7 | X4XXXX | 91909867 | 97684756 | 91909870 | 91910549 | 91910596 | | |
| 5095-9 | XAXXXX | 91909872 | 97549902 | 91909873 | 91910549 | 91910596 | | |
| 6095-5 | X4XXXX | 91909885 | | 91909886 | 91910550 | 91910596 | | |
| 6095-7 | X4XXXX | 91909187 | 98090499 | 91909188 | 91910551 | 91910596 | | |
| 8095-1 | XAXXXX | 91909898 | | 96769173 | 91910554 | 91910596 | | |

See page 4 for sleeve selection

See page 5 for seal selection

See page 3 for key to footnotes indicated on this page.

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| Non Current Models/Constructions indicated in Italics | | | | | | | | |
|---|---------|----------|-------------|----------|----------|----------|---------------------------------|-------------------------------|
| PUMP | PUMP | IMPELLER | | | WEAR | | | SEAL |
| MODEL | CONSTR. | (1) | | | KING | HARDWARE | SLEEVE | KIT |
| NO. | CODE | BRONZE | N.A. Bronze | IRON | KIT | KIT | | |
| 2512-1 | X3XXXX | 91909901 | | 91909902 | 91910541 | 91910598 | See page 4 for sleeve selection | See page 5 for seal selection |
| 2512-1 | X4XXXX | 91909903 | | K1065-C | 91910541 | 91910599 | | |
| 2512-1 | XAXXXX | 91909904 | | 91909905 | 91910541 | 91910599 | | |
| 3012-1 | X4XXXX | 91909906 | | K1068-C | 91910542 | 91910599 | | |
| 3012-3 | X3XXXX | 91909908 | | K1069-C | 91910542 | 91910598 | | |
| 3012-3 | XAXXXX | 91909915 | | 91909916 | 91910542 | 91910599 | | |
| 4012-1 | X3XXXX | K1067-B | | K1067-C | 91910555 | 91910598 | | |
| 4012-1 | X4XXXX | 91909917 | | 91909918 | 91910555 | 91910599 | | |
| 4012-1 | XAXXXX | 91909919 | 97793607 | 97529187 | 91910555 | 91910599 | | |
| 4012-5 | X4XXXX | 91909921 | | 91909922 | 91910555 | 91910599 | | |
| 4012-5 | XAXXXX | 91909923 | | 91909924 | 91910555 | 91910599 | | |
| 4012-7 | X4XXXX | 91911373 | | 91909922 | 91910555 | 91910599 | | |
| 4012-7 | XAXXXX | 91911375 | 97767356 | 91909924 | 91910555 | 91910599 | | |
| 5012-5 | X4XXXX | 91909925 | | 91909926 | 91910556 | 91910599 | | |
| 5012-7 | XAXXXX | 91909928 | | 91909931 | 91910556 | 91910599 | | |
| 5012-9 | XAXXXX | 91911367 | 97692846 | 91911368 | 91910556 | 91910599 | | |
| 5012A | XAXXXX | 91909218 | 98382920 | - | 91910556 | 91910559 | | |
| 6012-1 | X4XXXX | 91909932 | | K1078-C | 91910557 | 91910599 | | |
| 6012-3 | X4XXXX | 91909951 | | 91909952 | 91910558 | 91910599 | | |
| 6012-3 | XAXXXX | 91909957 | 97951786 | 91909958 | 91910558 | 91910599 | | |
| 6012-5 | XAXXXX | 91909957 | 97951786 | 91909958 | 91910558 | 91910599 | | |
| 8012-1 | X4XXXX | 91909959 | | K1082-C | 91910561 | 91910599 | | |
| 8012-1 | X5XXXX | 91909961 | | 91909963 | 91910562 | 91910600 | | |
| 8012-3 | X4XXXX | 91909963 | | K1084-C | 91910561 | 91910599 | | |
| 8012-3 | XAXXXX | 91909965 | 97767354 | 91909967 | 91910561 | 91910599 | | |
| 8012-3 | X5XXXX | 91909969 | | 91909970 | 91910562 | 91910600 | | |
| 1012-3 | X5XXXX | 91910024 | | 91910026 | 91910564 | 91910600 | | |
| 40157 | XAXXXX | 91911029 | 98134905 | 91911030 | 91910555 | 91910601 | | |
| 50157 | XAXXXX | 91910083 | 98366001 | 97563170 | 91910566 | 91910601 | | |
| 50157 | X5XXXX | 91910093 | | - | 91910556 | 91910601 | | |
| 60157 | X5XXXX | 91910113 | 97749052 | 91910114 | 91910566 | 91910601 | | |
| 80157 | X5XXXX | 91910130 | 97790399 | - | 91910568 | 91910569 | | |

NOTES:

- (1) Specify Impeller diameter when ordering.
- (2) Model 1270-5 is obsolete. Verify trim diameter and conditions and refer to model 12707-7.
- (3) Model 1570-7 is obsolete. Verify trim diameter and conditions and refer to model 15707-9.

GASKETS For Volute and Backplate. (For Type VLS, seal cap gasket is indicated below.)

| PUMP SIZE (NOMINAL MAX. IMPELLER DIA.) | CONSTRUCTION CODE | SEAL I.D. | GASKET P/N | GASKET DESCRIPTION |
|--|----------------------|----------------------|----------------------|-----------------------------------|
| 7" | X0, X3, X4 | 5/8", 1-1/4", 1-3/4" | 91869180 | Volute O-Ring |
| 9-1/2" | X3, X4, XA | 1-1/4", 1-3/4" | 91849028 91869180 | Volute Gasket Backplate O-Ring |
| 9-1/2" | X5 | 2-1/4" | 91849028 | Volute Gasket |
| 12" | X3, X4 | 1-1/4", 1-3/4" | 91848843 91869180 | Volute Gasket Backplate O-Ring |
| 12" | X5 | 2-1/4" | 91848843 91849000 | Volute Gasket Backplate Gasket |

SHAFT SLEEVES (See Page 1 prior to making selection)

Note: Installation of shaft sleeve requires tube of Locktite- PACO Part #34029915.

| MOTOR | CONSTR. CODE | MATERIAL | PART NUMBER |
|-------------------------|--------------|---------------------|----------------------|
| Fractional (56, 56J) | X0XXXX | — | Not Applicable |
| | X1XXXX | — | Not Applicable |
| Gyropoise (TG) | X3XXXX | BRONZE STAINLESS | 91843687 91843690 |
| | 83XXXX | BRONZE STAINLESS | 91843784 91843785 |
| JM/CCP | X3XXXX | BRONZE STAINLESS | 91843842 91843844 |
| | 83XXXX | BRONZE STAINLESS | 91843861 91843862 |
| | X4XXXX | BRONZE STAINLESS | 91843803 91843804 |
| | 84XXXX | BRONZE STAINLESS | 91843868 91843869 |
| | XAXXXX | BRONZE STAINLESS | 91843858 91843859 |
| JP/CCP | X3XXXX | BRONZE STAINLESS | 91843618 91843625 |
| | 83XXXX | BRONZE STAINLESS | 91843850 96769942 |
| | X4XXXX | BRONZE STAINLESS | 91843632 91843636 |
| | 84XXXX | BRONZE | 91843863 |
| | XAXXXX | BRONZE STAINLESS | 91843812 91843814 |
| CCP | X5XXXX | BRONZE STAINLESS | 91843739 91843740 |

PACO TYPE VLS, SPLIT COUPLED INLINE REPLACEMENT PARTS

| CONSTR CODE | MOTOR FRAME | O-RING | BUSHING | SHAFT | COUPLING | COUPLING KEY KIT |
|----------------|----------------|----------|----------|----------|----------|---------------------|
| X3XXXX | 143/145HP | 91869106 | 91844356 | 91909179 | 91871057 | 91909191 |
| X3XXXX | 182-215HP | 91869106 | 91844356 | 91909179 | 91871058 | 91909192 |
| X4XXXX | 213-286HP | 91869106 | 91844355 | 91909180 | 91871058 | 91909192 |
| X4XXXX | 324/326HP | 91869106 | 91844355 | 91909182 | 91871059 | 91909194 |
| XAXXXX | 213-286HP | 91869106 | 91844355 | 91909183 | 91871058 | 91909192 |
| XAXXXX | 324/326HP | 91869106 | 91844355 | 91909185 | 91871059 | 91909194 |
| X5XXXX | 324-405HP | 91869110 | 91844353 | 91909184 | 91871059 | 91909194 |
| X5XXXX | 444/445HP | 91869110 | 91844353 | 91909181 | 91871061 | 91909193 |

**VLS C-Face
PARTS GUIDE**

| Motor Frame Size | Construction Code | Pump Size | Shafts |
|------------------|-------------------|-----------|-------------|
| 182/184TC | 7", 9.5" | X3XXXX | 98183501 |
| | 12" | X3XXXX | 98366610 |
| | 12" | XAXXXX | 98366622 |
| 213/215TC | 7", 9.5" | X3XXXX | 98132103 |
| | 12" | X3XXXX | 98183502 |
| | 9.5" | X4XXXX | 98183103 |
| | 9.5" | XAXXXX | 98150635 |
| | 12", 15" | XAXXXX | 98150633* |
| | 12" | XAXXXX | 98366625** |
| | 15" | XAXXXX | 98150634*** |
| 254/256TC | 12" | X5XXXX | 98411611 |
| | 7", 9.5" | X3XXXX | 98183503 |
| | 12" | X3XXXX | 98132103 |
| | 7", 9.5" | X4XXXX | 98183103 |
| | 7" | XAXXXX | 98455186 |
| | 9.5" | XAXXXX | 98425578 |
| 284/286TSC | 12", 15" | XAXXXX | 98150635 |
| | 9.5" | X4XXXX | 98183504 |
| 284/286TC | 9.5" | XAXXXX | 98150633 |
| | 7" | X4XXXX | 98183505 |
| | 9.5", 12" | XAXXXX | 98150635 |
| | 15" | XAXXXX | 98150633 |
| 324/326TSC | 12" | X5XXXX | 98411611 |
| | 7", 9.5" | X4XXXX | 98183505 |
| | 7" | XAXXXX | 98455190 |
| | 9.5" | XAXXXX | 98363590 |
| | 12" | XAXXXX | 98174051 |
| 324/326TC | 15" | XAXXXX | 98150636 |
| | 9.5" | X4XXXX | 98448719 |
| | 9.5" | XAXXXX | 98450715 |
| | 12" | X5XXXX | 98183591 |
| 364/365TSC | 15" | X5XXXX | 98410849 |
| | 7" | X4XXXX | 98183505 |
| 364/365TC | 12" | X5XXXX | 98183593 |
| | 15" | XAXXXX | 98150636 |
| | 15" | X5XXXX | 98410849^ |
| | 15" | X5XXXX | 98409251^^ |
| 404/405TSC | 9.5" | X4XXXX | 98448719 |
| | 9.5" | XAXXXX | 98450715 |
| 404/405TC | 12" | XAXXXX | 98363590 |
| | 12" | X5XXXX | 98183590 |
| | 15" | X5XXXX | 98409251^^ |
| | 15" | X5XXXX | 98150632^ |
| 444/445TC | 15" | X5XXXX | 98409251 |

* 8012 only

^ all 15" except 8015

** all 12" except 8012

^^ 8015 only

| VLS C-Face PARTS | | | | | |
|------------------|-------------------|--------------------|-----------|----------|----------|
| GUIDE | | | | | |
| Motor Frame Size | Construction Code | Pump Size | Couplings | O-Rings | Bushings |
| 182/184TC | X3XXXX | 7", 9.5", 12" | 98456268 | 91869106 | 91844356 |
| 182/184TC | XAXXXX | 12" | 98456268 | 91869106 | 91844355 |
| 213/215TC | X3XXXX | 7", 9.5", 12" | 98456285 | 91869106 | 91844356 |
| 213/215TC | XAXXXX | 7", 9.5", 15" | 98456285 | 91869106 | 91844355 |
| 213/215TC | X4XXXX | 9.5" | 98456285 | 91869106 | 91844355 |
| 213/215TC | X5XXXX | 12" | 98456285 | 91869106 | 91844353 |
| 254/256TC | X3XXXX | 7", 9.5", 12" | 98456288 | 91869106 | 91844356 |
| 254/256TC | XAXXXX | 7", 9.5", 12", 15" | 98456288 | 91869106 | 91844355 |
| 254/256TC | X4XXXX | 7", 9.5" | 98456288 | 91869106 | 91844355 |
| 254/256TC | X5XXXX | 12" | 98456288 | 91869106 | 91844353 |
| 284/286TSC | XAXXXX | 9.5" | 98456288 | 91869106 | 91844355 |
| 284/286TSC | X4XXXX | 9.5" | 98456288 | 91869106 | 91844355 |
| 284/286TC | XAXXXX | 9.5", 12", 15" | 98456289 | 91869106 | 91844355 |
| 284/286TC | X5XXXX | 12", 15" | 98456289 | 91869106 | 91844353 |
| 284/286TC | X4XXXX | 7" | 98456874 | 91869106 | 91844355 |
| 284/286TC | XAXXXX | 7" | 98456874 | 91869106 | 91844355 |
| 324/326TC | X4XXXX | 7" | 98456874 | 91869106 | 91844355 |
| 324/326TSC | X4XXXX | 7", 9.5" | 98456875 | 91869106 | 91844355 |
| 324/326TSC | XAXXXX | 9.5" | 98456875 | 91869106 | 91844355 |
| 324/326TC | XAXXXX | 12", 15" | 98456301 | 91869106 | 91844355 |
| 324/326TC | X4XXXX | 9.5" | 98456301 | 91869106 | 91844355 |
| 324/326TC | X5XXXX | 12", 15" | 98456305 | 91869106 | 91844353 |
| 364/365TSC | X4XXXX | 9.5" | 98456875 | 91869106 | 91844355 |
| 364/365TC | XAXXXX | 12" | 98456301 | 91869106 | 91844355 |
| 364/365TC | XAXXXX | 15" | 98456303 | 91869106 | 91844355 |
| 364/365TC | X5XXXX | 12", 15" | 98456306 | 91869106 | 91844353 |
| 404/405TSC | X4XXXX | 9.5" | 98456301 | 91869106 | 91844355 |
| 404/405TSC | XAXXXX | 9.5" | 98456301 | 91869106 | 91844355 |
| 404/405TC | XAXXXX | 12" | 98456309 | 91869106 | 91844355 |
| 404/405TC | X5XXXX | 12", 15" | 98456307 | 91869106 | 91844353 |
| 444/445TC | X5XXXX | 15" | 98456308 | 91869106 | 91844353 |

**VLS C-Face PARTS
GUIDE**

| Motor Frame Size | Construction Code | Pump Size | Hardware Kits |
|------------------|-------------------|-----------|---------------|
| 184-405TC | X3XXXX | 7" | 98467976 |
| 184-405TC | X4XXXX | 7" | 98467976 |
| 182-405TC | X4XXXX | 9.5" | 98468694 |
| 182-405TC | X3XXXX | 9.5" | 98468694 |
| 182-405TC | XAXXXX | 9.5" | 98468694 |
| 182-405TC | X3XXXX | 12" | 98468716 |
| 182-405TC | X4XXXX | 9.5" | 98468716 |
| 182-405TC | XAXXXX | 12" | 98468716 |
| 324TSC-405TC | X5XXXX | 12" | 98468720 |
| 324TSC-405TC | XAXXXX | 15" | 98468727 |
| 324TSC-405TC | X5XXXX | 15" | 98468727 |
| 284/286TC | X3XXXX | 7" | 98468729 |
| 284/286TC | X4XXXX | 7" | 98468729 |
| 284/286TC | X3XXXX | 9.5" | 98468751 |
| 284/286TC | X4XXXX | 9.5" | 98468751 |
| 284/286TC | X3XXXX | 12" | 98468753 |
| 284/286TC | XAXXXX | 12" | 98468753 |
| 182-256TC | XAXXXX | 15" | 98468754 |
| 284/286TC | XAXXXX | 15" | 98468756 |
| 324/326TC | XAXXXX | 12" | RTF |
| 444/445TC | X5XXXX | 15" | RTF |

| Seal ID | Volute Gasket | Backplate Gasket |
|---------|---------------|------------------|
| 1.75" | 91848882 | 91848837 |
| 2.25" | 91848882 | 91849000 |

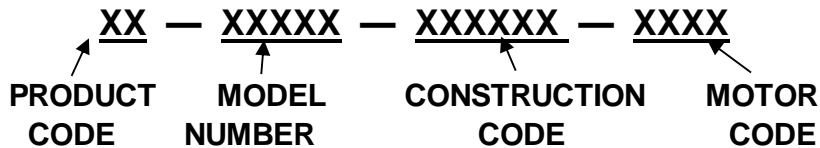
MECHANICAL SEAL KITS

Select appropriate seal kit by matching desired seal code with pump model & construction code.

| AVAILABLE SEAL MATERIALS & PROPERTIES | | | | | | |
|---------------------------------------|----------|-----------|-----------|-----------|----------|-----------|
| Seal Code-> | 1XXXXX | 7XXXXX | 6XXXXX | 2XXXXX | 3XXXXX | 8XXXXX |
| Max Temp. | 211°F | 211°F | 250°F | 275°F | 180°F | 211°F |
| Max Press*. | 175 PSI | 175 PSI | 175 PSI | 175 PSI | 175 PSI | 350 PSI |
| Refer to Note # | - | - | 1 | 1 | 5 | 3, 6 |
| Type | 21 | 21 | 21 | 21 | Double | 1B |
| Elastomer | Buna N | Buna N | Viton | Viton | Buna N | Buna N |
| Rot. Element | Carbon | Carbon | Carbon | Carbon | Carbon | Carbon |
| Stationary Seat | Ceramic | Ni Resist | Ni Resist | Tung Crbd | Ceramic | Ni Resist |
| Spring | 18-8 S/S | 18-8 S/S | 18-8 S/S | 18-8 S/S | 18-8 S/S | 18-8 S/S |
| Hardware | 18-8 S/S | 18-8 S/S | 18-8 S/S | 18-8 S/S | 18-8 S/S | Brass |

| PUMP MODEL | CONSTRUCTION CODE | MECHANICAL SEAL KIT PART NUMBER | | | | | |
|--|-------------------|---------------------------------|----------|----------|----------|----------|----------|
| | | | | | | | |
| 1270 1570 2070 2570 | X0XXXX | 91909744 | 91909747 | 91909746 | 91909745 | K102-3 | K102-8 |
| 1270 1570 2070 2570 3070 4070 5070 | X3XXXX | 91909832 | 91909838 | 91909837 | 91909834 | 91909836 | 91909840 |
| 2570 3070 4070 5070 | X4XXXX | 91909802 | 91909806 | 91909805 | 91909803 | 91909804 | K104-8 |
| 2095 2595 3095 4095 5095 | X3XXXX | 91909832 | 91909838 | 91909837 | 91909834 | 91909836 | 91909840 |
| 2095 2595 3095 4095 5095 6095 | X4XXXX | 91909874 | 91909879 | 91909878 | 91909875 | 91909876 | 91909880 |
| 4095 5095 6095 | XAXXXX | 91910609 | 91910612 | 91910611 | 91910610 | — | — |
| 2512 3012 4012 | X3XXXX | 91909909 | 91909913 | 91909912 | 91909910 | 91909911 | 91909914 |
| 2512 3012 4012 5012 6012 8012 | X4XXXX | 91909944 | 91909948 | 91909947 | 91909945 | — | — |
| 2512 3012 4012 5012 6012 8012 | XAXXXX | 91910715 | 91910718 | 91910717 | 91910716 | — | — |
| 8012 1012 | X5XXXX | 91910061 | 91910066 | 91910065 | 91910063 | 91910064 | — |
| 50157 | XAXXXX | 91910629 | 91910632 | 91910631 | 91910630 | - | - |
| 60157 | X5XXXX | | | | | | - |
| 80157 | X5XXXX | 91910192 | 91910196 | 91910195 | 91910193 | 91910194 | |
| 80157 | X6XXXX | 91910246 | 91910250 | K112-6 | 91910247 | 91910248 | - |

EXPLANATION OF PUMP CODING-
(REFER TO PUMP NAMEPLATE)



NOTE: This Replacement Parts Guide is valid for all PACO products beginning with product codes 16, 17 and 127 only.

Product Code 16= Close coupled Vertical Inline Centrifugal, type VL

Product Code 17= Split coupled Vertical Inline Centrifugal, type VLS

Product Code 127= Frame Mounted, Flex Coupled Vertical Inline Centrifugal, Type VLF

KIT COMPONENTS

- IMPELLER KIT:**
- Impeller
 - Volute Gasket
 - Backplate Gasket
 - Impeller Cap Screw
 - Impeller Washer
 - Impeller Key
 - Impeller Nut

- SEAL KIT:**
- Mechanical Seal
 - Volute Gasket
 - Backplate Gasket
 - Seal Cap Gasket (*except type VLS*)
 - Impeller Cap Screw
 - Impeller Washer
 - Impeller Key
 - Impeller Nut

- WEAR RING KIT:**
- Wear Rings, Bronze

- BEARING FRAME PARTS (Type VLF)**
- See Publication A1b.2

- HARDWARE KIT:**
- Cap Screws

- TYPE VLS (Non-kitted parts)**
- Seal Cap O-rings
 - Bushings
 - Couplings
 - Key Sets for Couplings

- GASKETS: (non-kitted)**
- Individual

- SLEEVES: (Not used on Type VLS)**
(Non-Kitted)
- Bronze
 - Stainless Steel

- SHAFT KIT: (Type VLS)**
- Shaft
 - Bushing
 - Seal Cap Gasket

NOTES:

Kits may not contain all parts listed. They are individually selected for each pump, according to the pump construction and design.

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

Seal Kits are always recommended as spare parts.

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