

**DRY PIT NON-CLOG  
REPLACEMENT PARTS GUIDE  
TYPES NCF, NCP, NCH, NCVU & NCU  
WITH 6-DIGIT MODEL NUMBERS**

<b>PACO</b> <sup>®</sup> PACO PUMPS	
CAT#:	
STOCK#:	
SER#:	
GPM:	TDH: ' IMP. DIA. "
34014412	

While PACO Dry Pit Non-Clog 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 Non-Clog component, are furnished when you need them, with minimum effort.

Here are some guidelines and suggestions:

**GENERAL NOTES:** The pump and motor nameplates contain 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 the replacement impellers.

**To replace a mechanical seal.**

Select the correct Seal Kit, which contains all gaskets and impeller hardware.

Shaft sleeve inspection is suggested.

**To replace the packing.**

Select the correct Packing Kit, which contains all gaskets, impeller hardware and lantern ring. If the Packing Gland is damaged it may be replaced by ordering the proper Gland Kit. A shaft sleeve or adapter shaft will probably be required.

**To replace the shaft sleeves.**

Select sleeve or adapter shaft from sleeve chart. A Seal or Packing Kit will provide other normally needed parts.

**To replace Impeller.**

Select the correct Impeller Kit which contains all gaskets and Impeller Hardware. A Seal or Packing Kit will probably be required.

Shaft sleeve inspection is suggested.

**To replace Bearings.**

Select the correct Bearing Frame Kit, which contains the bearings and moisture seals.

**To replace the Shaft.**

Select an Impeller Kit, Sleeve or Packing Kit, Sleeve or Adapter Shaft and Hardware Kit.

**To overhaul the Bearing Frame.**

Select a Bearing Frame Kit and a Shaft Kit.

**NOTE: SEAL/PACKING KITS ARE ALWAYS RECOMMENDED AS SPARE PARTS.**

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

**Type NCF, NCP and NCH Pumps**

Pump Model No.	Bearing Frame	Impeller Kit (1)		Hardware Kit	Sleeve (2)	Stuffing Kit		Gland Kit
		Bronze	Iron			Seal Kit	Packing Kit	
4070-21	H1/V1	K1992	K1991	K2158		K2143	K2148	K2153
4070-22	H1/V1	K1994	K1993	K2158		K2143	K2148	K2153
4080-21	H1/V1	K1996	K1995	K2158		K2143	K2148	K2153
4080-22	H1/V1	K1998	K1997	K2158		K2143	K2148	K2153
4095-21	H1/V1	K2000	K1999	K2159		K2143	K2148	K2153
4095-22	H1/V1	K2002	K2001	K2159		K2143	K2148	K2153
4095-21	H2/V2	K2004	K2003	K2160		K2144	K2149	K2154
4095-22	H2/V2	K2006	K2005	K2160		K2144	K2149	K2154
4095-23	H1/V1	K2008	K2007	K2159		K2143	K2148	K2153
4095-24	H1/V1	K2010	K2009	K2159		K2143	K2148	K2153
4095-23	H2/V2	K2012	K2011	K2160		K2144	K2149	K2154
4095-24	H2/V2	K2014	K2013	K2160		K2144	K2149	K2154
4012-21	H2/V2	K2016	K2015	K2161		K2144	K2149	K2154
4012-22	H2/V2	K2018	K2017	K2161		K2144	K2149	K2154
4012-21	H3/V3	K2020	K2019	K2162		K2145	K2150	K2155
4012-22	H3/V3	K2022	K2021	K2162		K2145	K2150	K2155
4015-21	H2/V2	K2024	K2023	K2163		K2144	K2149	K2154
4015-22	H2/V2	K2026	K2025	K2163		K2144	K2149	K2154
4015-21	H3/V3	K2028	K2027	K2164		K2145	K2150	K2155
4015-22	H3/V3	K2030	K2029	K2164		K2145	K2150	K2155
4017-21	H2/V2	K2032	K2031	K2166		K2144	K2149	K2154
4017-22	H2/V2	K2034	K2033	K2166		K2144	K2149	K2154
4017-21	H3/V3	K2036	K2035	K2167		K2145	K2150	K2155
4017-22	H3/V3	K2038	K2037	K2167		K2145	K2150	K2155
4017-21	H4/V4	K2040	K2039	K2168		K2146	K2151	K2156
4017-22	H4/V4	K2042	K2041	K2168		K2146	K2151	K2156
6012-21	H2/V2	K2044	K2043	K2161		K2144	K2149	K2154
6012-22	H2/V2	K2046	K2045	K2161		K2144	K2149	K2154
6012-21	H3/V3	K2048	K2047	K2162		K2145	K2150	K2155
6012-22	H3/V3	K2050	K2049	K2162		K2145	K2150	K2155
6013-21	H2/V2	K2052	K2051	K2163		K2144	K2149	K2154
6013-22	H2/V2	K2054	K2053	K2163		K2144	K2149	K2154
6013-21	H3/V3	K2056	K2055	K2164		K2145	K2150	K2155
6013-22	H3/V3	K2058	K2057	K2164		K2145	K2150	K2155
6015-31	H2/V2	K2060	K2059	K2163		K2144	K2149	K2154
6015-32	H2/V2	K2062	K2061	K2163		K2144	K2149	K2154
6015-31	H3/V3	K2064	K2063	K2164		K2145	K2150	K2155
6015-32	H3/V3	K2066	K2065	K2164		K2145	K2150	K2155
6015-31	H4/V4	K2068	K2067	K2166		K2146	K2151	K2156
6015-32	H4/V4	K2070	K2069	K2166		K2146	K2151	K2156
6018-21	H2/V2	K2072	K2071	K2166		K2144	K2149	K2154
6018-22	H2/V2	K2074	K2073	K2166		K2144	K2149	K2154
6018-21	H3/V3	K2076	K2075	K2167		K2145	K2150	K2155
6018-22	H3/V3	K2078	K2077	K2167		K2145	K2150	K2155
6018-21	H4/V4	K2080	K2079	K2168		K2146	K2151	K2156
6018-22	H4/V4	K2082	K2081	K2168		K2146	K2151	K2156
6018-23	H2/V2	K2084	K2083	K2166		K2144	K2149	K2154
6018-24	H2/V2	K2086	K2085	K2166		K2144	K2149	K2154
6018-23	H3/V3	K2088	K2087	K2167		K2145	K2150	K2155
6018-24	H3/V3	K2090	K2089	K2167		K2145	K2150	K2155
6018-23	H4/V4	K2092	K2091	K2168		K2146	K2151	K2156
6018-24	H4/V4	K2094	K2093	K2168		K2146	K2151	K2156
8014-21	H2/V2	K2096	K2095	K2163		K2144	K2149	K2154
8014-22	H2/V2	K2098	K2097	K2163		K2144	K2149	K2154
8014-21	H3/V3	K2100	K2099	K2164		K2145	K2150	K2155
8014-22	H3/V3	K2102	K2101	K2164		K2145	K2150	K2155
8014-21	H4/V4	K2104	K2103	K2165		K2146	K2151	K2156
8014-22	H4/V4	K2106	K2105	K2165		K2146	K2151	K2156
8015-23	H2/V2	K2108	K2107	K2163		K2144	K2149	K2154
8015-24	H2/V2	K2110	K2109	K2163		K2144	K2149	K2154
8015-23	H3/V3	K2112	K2111	K2164		K2145	K2150	K2155
8015-24	H3/V3	K2114	K2113	K2164		K2145	K2150	K2155
8015-23	H4/V4	K2116	K2115	K2165		K2146	K2151	K2156
8015-24	H4/V4	K2118	K2117	K2165		K2146	K2151	K2156
8015-31	H2/V2	K2120	K2119	K2163		K2144	K2149	K2154
8015-32	H2/V2	K2122	K2121	K2163		K2144	K2149	K2154
8015-31	H3/V3	K2124	K2123	K2164		K2145	K2150	K2155
8015-32	H3/V3	K2126	K2125	K2164		K2145	K2150	K2155
8015-31	H4/V4	K2128	K2127	K2165		K2146	K2151	K2156
8015-32	H4/V4	K2130	K2129	K2165		K2146	K2151	K2156
8018-31	H3/V3	K2132	K2131	K2167		K2145	K2150	K2155
8018-32	H3/V3	K2134	K2133	K2167		K2145	K2150	K2155
8018-31	H4/V4	K2136	K2135	K2168		K2146	K2151	K2156
8018-32	H4/V4	K2138	K2137	K2168		K2146	K2151	K2156
1022-31	H5/V5	K2140	K2139	K2169		K2147	K2151	K2157
1022-32	H5/V5	K2142	K2141	K2169		K2147	K2151	K2157

**Type NCF, NCP and NCH Pumps**

Bearing Frames	Shaft Kit		Bearing Frame Kit		Shaft Sleeve Kit		
	Steel	Stainless	Steel	Stainless	Ceramic	303 SS	416 SS
H1/V1	K2173	K2175	20066007	20066008	05040226BK-31	05040226H303	05040226H416
H2/V2	K2171	K2176	20066009	20066010	05019841BK-31	05019841H303	05019841H416
H3/V3	K2172	K2177	20066011	20066012	05019543BK-31	05019543H303	05019543H416
H4/V4	K2173	K2178	20066014	20066013	05019501BK-31	05019501H303	05019501H416
H5/V5	K2174	K2179	20066015	20066016	05019501BK-31	05019501H303	05019501H416

**Type NCF, NCP, NCH, NCU and NCVU Pumps**

Pump Model No.	Wear Ring Kit			
	Cast Iron	Bronze	303 SS	416 SS
4070-21/22	K112310	K112302	K112303	K112304
4080-21/22	K112312	K112315	K112316	K112317
4095-21/22	K112127	K112128	K112129	K112130
4095-23/24	K112131	K112132	K112133	K112134
4012-21/22	K112135	K112136	K112137	K112138
4015-21/22	K112139	K112140	K112141	K112142
4017-21/22	K112143	K112144	K112145	K112146
6012-21/22	K112147	K112148	K112149	K112150
6013-21/22	K112151	K112152	K112153	K112154
6015-31/32	K112155	K112156	K112157	K112158
6018-21/22	K112159	K112160	K112161	K112162
6018-23/24	K112163	K112164	K112165	K112166
8014-21/22	K112167	K112168	K112160	K112170
8015-23/24	K112175	K112176	K112177	K112178
8015-31/32	K112171	K112172	K112173	K112174
8018-31/32	K112179	K112180	K112181	K112182
1022-31/32	K112183	K112184	K112185	K112186

Type NCU and NCVU Pumps

Pump Model	Const Code (Motor Frame)	Mechanical Seal Impeller Kit		Packing Impeller Kit		Pump Hardware Kit	Stuffing Kit		Gland Kit
		Iron	Bronze	Iron	Bronze		Seal Kit	Packing	
3070-21	X3	K1120-C	K1120-B	K1120-C	K1120-B	K1325	K453-1	K181	K1291
4070-21	X3;143-184	K2185-C	K2185-B	K2186-C	K2186-B	K1326	K453-1	K181	K1291
	X3;213-256	K2189-C	K2189-B	K2186-C	K2186-B	K1326	K453-1	K181	K1291
4070-22	X3;143-184	K2187-C	K2187-B	K2188-C	K2188-B	K1326	K453-1	K181	K1291
	X3;213-256	K2190-C	K2190-B	K2188-C	K2188-B	K1326	K453-1	K181	K1291
4080-21	X3	K2191-C	K2191-B	K2192-C	K2192-B	K1326	K453-1	K181	K1291
	X4	N/A	N/A	K2195-C	K2195-B	K1328	K454-1	K182	K1292
4080-22	X3	K2193-C	K2193-B	K2194-C	K2194-B	K1326	K453-1	K181	K1291
	X4	N/A	N/A	K2196-C	K2196-B	K1328	K454-1	K182	K1292
4095-21	X4	K2197-C	K2197-B	K2198-C	K2198-B	K1328	K454-1	K182	K1292
4095-22	X4	K2199-C	K2199-B	K2200-C	K2200-B	K1328	K454-1	K182	K1292
4095-23	X4	K2201-C	K2201-B	K2202-C	K2202-B	K1328	K454-1	K182	K1292
4095-24	X4	K2203-C	K2203-B	K2204-C	K2204-B	K1328	K454-1	K182	K1292
4012-21	X4	K2205-C	K2205-B	K2205-C	K2205-B	K1332	K454-1	K182	K1292
	X5	K2207-C	K2207-B	K2207-C	K2207-B	K1333	K455-1	K183	K1293
4012-22	X4	K2206-C	K2206-B	K2206-C	K2206-B	K1332	K454-1	K182	K1292
	X5	K2208-C	K2208-B	K2208-C	K2208-B	K1333	K455-1	K183	K1293
4015-21	X5	K2209-C	K2209-B	K2209-C	K2209-B	K1334	K455-1	K183	K1293
4015-22	X5	K2210-C	K2210-B	K2210-C	K2210-B	K1334	K455-1	K183	K1293
6012-21	X5	K2211-C	K2211-B	K2211-C	K2211-B	K1336	K455-1	K183	K1293
6012-22	X5	K2212-C	K2212-B	K2212-C	K2212-B	K1336	K455-1	K183	K1293
6013-21	X5	K2213-C	K2213-B	K2213-C	K2213-B	K1336	K455-1	K183	K1293
6013-22	X5	K2214-C	K2214-B	K2214-C	K2214-B	K1336	K455-1	K183	K1293
6015-21	X5	K2215-C	K2215-B	K2215-C	K2215-B	K1327	K455-1	K183	K1293
	X6	K2217-C	K2217-B	K2217-C	K2217-B	K1338	K456-1	K184	K1294
6015-22	X5	K2216-C	K2216-B	K2216-C	K2216-B	K1327	K455-1	K183	K1293
	X6	K2218-C	K2218-B	K2218-C	K2218-B	K1338	K456-1	K184	K1294

Type NCU and NCVU Pumps—Shaft Sleeves

Const. Code	Sleeve Part Number	
	Seal	Packing
X3	05017547B	05002020B
	05017547H303	05002020H303
	05017547H416	05002020H416
X4	05016451B	05002272B
	05016451H303	05002272H303
	05016451H416	05002272H416
X5	05011947B	05011947B
	05011947H303	05011947H303
	05011947H416	05011947H416
X6	05013177B	05013177B
	05013177H303	05013177H303
	05013177H416	05013177H416

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

XX  
 |  
**Product  
 Code**

XXXXXX  
 |  
**Model  
 Number**

XXXXXXXX  
 |  
**Construction  
 Code**

**Impeller Kit:**  
 Impeller  
 Volute Gasket  
 Backplate Gasket  
 Impeller Cap Screw  
 Impeller Washer  
 Impeller Key  
 Impeller Tab Washer

**Seal Kit:**  
 Mechanical Seal  
 Volute Gasket  
 Backplate Gasket  
 Seal Cap O-Ring  
 Impeller Washer-TAB  
 Impeller Key  
 Suction Flange Gasket  
 Sleeve O-Ring

**Packing Kit:**  
 Packing Set  
 Volute Gasket  
 Backplate Gasket  
 Lantern Ring  
 Impeller Washer-TAB  
 Impeller Key  
 Suction Flange Gasket  
 Sleeve O-Ring

**Bearing Frame  
 Assembly**

**Sleeves:**  
 (Non-Kitted)  
 Bronze  
 Bronze, Ceramic Coated  
 Stainless Steel

**Gland Kit:**  
 Packing Gland  
 Studs  
 Nuts

**Bearing Frame Kit:**  
 Ball Bearings  
 Moisture Seals  
 Retaining Rings

**Wear Ring Set:**  
 Impeller Wear Ring  
 Case Wear Ring  
 Set Screws

**Hardware Kit:**  
 Cap Screws  
 Studs  
 Washers  
 Nuts

**Shaft Kit:**  
 Shaft  
 Slinger  
 Keys

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