

END SUCTION PUMPS REPLACEMENT PARTS GUIDE

LCS, LCSE

*This guide is valid for all Grundfos CBS products beginning with product codes 14 and 24.
See back cover for explanation and identification.*

Grundfos CBS End Suction Split Coupled Pumps are designed and built to provide maximum life while requiring minimum attention and service. At times, replacement parts may 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 End Suction split coupled component, are furnished when you need them, with minimum effort.

Guidelines and Suggestions:

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 when ever any replacement parts kit is ordered, while the **pump conditions** (GPM/TDH) and **impeller trim** are required data for the ordering of replacement impellers.

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

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.

TO REPLACE IMPELLER

Select the correct Impeller Kit which contains all gaskets and impeller hardware. A Wear Ring Kit is highly recommended, and a Seal or Packing Kit may be required.

TO REPLACE WEAR RINGS

Select the correct Wear Ring Kit. An Impeller Kit may be needed if wear is excessive. A Seal/Packing Kit will provide all other normally replaced components.

TO REPLACE THE SHAFT

Select the correct Shaft Kit. A Seal or Packing Kit may be required.

TO REPLACE LOST OR DAMAGED HARDWARE

Select the correct Hardware Kit.

TO OVERHAUL THE PUMP

Select an Impeller Kit, Wear Ring Kit, Hardware Kit, Seal or Packing Kit.

ORDERING:

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

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Model Number	Pump Constr. Code	Impeller Kit			Wear Ring Kit	Hardware Kit	Seal Kit	Packing Kit	Gland Kit
		Bronze	N.A. Bronze	Iron					
1070-7	X3XXXX	91911005	97679766	-	98669568	91910593	See Page 4 for Seal Kit Selection	91910834	91910643
1270-9	X3XXXX	91911000	97909161	91911001	98669581	91910593		91910834	91910643
1570-5	X3XXXX	91909739	97850072	91909740	98670131	91910593		91910834	91910643
2070-9	X3XXXX	91911595	97776120	91911596	98670058	91910593		91910834	91910643
2570-7	X3XXXX	91909762	97891615	91909763	98670059	91910593		91910834	91910643
3070-7	X3XXXX	91909772	97661731	91909773	98670060	91910593		91910834	91910643
3070-7	X4XXXX	91909777		91909778	98670060	91910594		91910847	91910644
4070-7	X3XXXX	91909783	97908496	91909784	98670074	91910593		91910834	91910643
4070-7	X4XXXX	91909788	98158554	91909789	98670653	91910594		91910847	91910644
1595-1	X3XXXX	91909791	96699310	91909792	98670132	91910595		91910834	91910643
1595-5	X3XXXX	91909793	97852485	91909795	98670132	91910595		91910834	91910643
1595-9	X3XXXX	91911017	97692479	91911018	98670132	91910595		91910834	91910643
1595-9	X4XXXX	91911019	97710406	91911020	98670132	91910596		91910847	91910644
2095-3	X3XXXX	91909815	97948034	91909816	98670058	91910595		91910834	91910643
2095-3	X4XXXX	91909819	98483455	91909820	98670058	91910596		91910847	91910644
2595-7	X3XXXX	91911369	97745127	91911370	98670059	91910595		91910834	91910643
2595-7	X4XXXX	91911371	91911371	91911372	98670059	91910596		91910847	91910644
3095-7	X3XXXX	91911630		91911633	98670135	91910595		91910834	91910643
3095-7	X4XXXX	91911637		91911638	98670136	91910596		91910847	91910644
4095-7	X3XXXX	91909863		91909865	98670151	91910596		91910834	91910643
4095-7	X4XXXX	91909867		91909870	98670151	91910596		91910847	91910644
4095-9	X4XXXX	91909872		91909873	98670151	91910596		91910847	91910644
5095-7	X4XXXX	91909887		91909891	98670654	91910596		91910847	91910644
6095-1	X4XXXX	91909898	97713071	-	98670157	91910596		91910847	91910644
2012-1	X3XXXX	91909901		91909902	98670058	91910598		91910834	91910643
2512-3	X3XXXX	91909908	97825585	-	98670059	91910598		91910834	91910643
2512-3	X4XXXX	91909915		91909916	98670059	91910599		91910847	91910644
3012-1	X4XXXX	91909919		-	98670158	91910599		91910847	91910644
3012-7	X4XXXX	91911375		91911376	98670158	91910599	91910847	91910644	
4012-9	X4XXXX	91911367		91911368	98670159	91910599	91910847	91910644	
4012-A	X4XXXX	91909218		-	98670159	91910599	91910847	91910644	
5012-3	X4XXXX	91909957		91909958	98670160	91910599	91910847	91910644	
6012-3	X4XXXX	91909965		91909967	98670171	91910600	91910847	91910644	
6012-3	X5XXXX	91909969		91909970	98670172	91910600	91910855	91910645	
8012-3	X5XXXX	91910024	97627782	91910026	98670173	91910601	91910855	91910645	
3015-7	X4XXXX	91911029		91911030	98670158	91910601	91910847	91910644	
4015-7	X4XXXX	91910083		-	98670178	91910601	91910847	91910644	
5015-7	X5XXXX	91910113		91910114	98670178	91910601	91910855	91910645	
6015-7	X5XXXX	91910130		-	98670180	91910601	91910855	91910645	

NOTE: LCSE is not available in X5 or X6 construction

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Motor Frame Size	Construction Code	Pump Size	Shaft Kit Part No.
182/184TC	7", 9.5"	X3XXXX	98571486
	12"	X3XXXX	98571497
	12"	XAXXXX	98571498
213/215TC	7", 9.5"	X3XXXX	98571478
	12"	X3XXXX	98571487
	9.5"	X4XXXX	98571485
	9.5"	XAXXXX	98571482
	12", 15"	XAXXXX	98571480*
	12"	XAXXXX	98571499**
	15"	XAXXXX	98571481***
254/256TC	7", 9.5"	X3XXXX	98571488
	12"	X3XXXX	98571478
	7", 9.5"	X4XXXX	98571485
	7"	XAXXXX	98571518
	9.5"	XAXXXX	98571515
	12", 15"	XAXXXX	98571482
284/286TSC	9.5"	X4XXXX	98571489
	9.5"	XAXXXX	98571480
284/286TC	7"	X4XXXX	98571490
	9.5", 12"	XAXXXX	98571482
	15"	XAXXXX	98571480
	12"	X5XXXX	98571513
324/326TSC	7", 9.5"	X4XXXX	98571490
	7"	XAXXXX	98571519
	9.5"	XAXXXX	98571495
	12"	XAXXXX	98571484
	15"	XAXXXX	98571483
324/326TC	9.5"	X4XXXX	98571516
	9.5"	XAXXXX	98571517
	12"	X5XXXX	98571492
	15"	X5XXXX	98571512
364/365TSC	7"	X4XXXX	98571490
	12"	X5XXXX	98571493
	15"	XAXXXX	98571483
364/365TC	15"	X5XXXX	98571512
	9.5"	X4XXXX	98571516
	9.5"	XAXXXX	98571517
404/405TC	12"	XAXXXX	98571495
	12"	X5XXXX	98571491
	15"	X5XXXX	98571479
444/445TC	15"	X5XXXX	98571511

* 8012 only *** 4015 only ** all 12" except 8012

LCS Bushing

Const. Code	Bushing
X3XXXX	98557913
X4XXXX	98557919
XAXXXX	
X5XXXX	98557920
X5XXXX *	98557961

* 15" pump only

LCS O-Ring 91869106

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Seal Kits

Model Number	Pump Const Code	Std. Seal BUNA - Cer. Seat C-Code 1XXXXX	Std. Seal BUNA - Sil. Seat C-Code 7XXXXX	Viton - Ni-Resist Seat C-Code 6XXXXX	Viton - Tung. Car. Seat C-Code 2XXXXX	Viton - Ni-Resist Seat Liq. Jcktd. C-Code 9XXXXX	BUNA - Cer. Seat Dbl. Mech Std. Seal C-Code 3XXXXX	BUNA - Sil. Seat Bal. Seal C-Code 8XXXXX	EPDM - Sil. Seat Std. Seal C-Code FXXXXX	EPDM - Sil. Seat Liq. Jcktd. C-Code GXXXXX
1070 1270 1570 2070 2570 3070 4070	X3XXXX	91909832	91909838	91909837	91909834	91909838	91909836	91909840	91909846	K105-G
3070 4070	X4XXXX	91909802	91909806	91909805	91909803	91909806	91909804	K104-8	91909808	K104-G
1595 2095 2595 3095 4095	X3XXXX	91909832	91909838	91909837	91909834	91909838	91909836	91909840	91909846	K105-G
2095 2595 4095 5095	X4XXXX	91909874	91909879	91909878	91909875	91909879	91909876	91909880	91909883	K106-G
3095 4095 6095	XAXXXX	91910609	91910612	91910611	91910610	-	-	-	91910614	-
2012 2512	X3XXXX	91909909	91909913	91909912	91909910	91909913	91909911	91909914	K107-F	K107-G
2512 3012 4012 5012 6012	XAXXXX	91910715	91910718	91910717	91910716	-	-	-	91910722	-
6012 8012	X5XXXX	91910061	91910066	91910065	91910063	-	91910064	-	K109-F	-
3015 4015	XAXXXX	91910629	91910632	91910631	91910630	-	-	-	K128-F	-
5015 6015	X5XXXX	91910192	91910196	91910195	91910193	-	91910194	-	K111-F	-

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GASKETS

Pump Size (Nominal Max. Impeller Dia.)	Const. Code	Seal I.D. (in)	Gasket Part Number	Gasket Description
7"	X3, X4	1.25, 1.75	91869180	Volute "O" Ring
9.5"	X3, X4, XA	1.25, 1.75	91849028	Volute Gasket
			91869180	"O" Ring-Backplate
9.5"	X5	2.25	91849028	Volute Gasket
12"	X3, XA	1.25, 1.75	91848843	Volute Gasket
			91869180	"O" Ring-Backplate
12"	X5	2.25	91848843	Volute Gasket
			91849000	Backplate Gasket
15"	XA	1.75	91848882	Volute Gasket
			91869180	"O" Ring-Backplate
15"	X5, X6	2.25, 2.75	91848882	Volute Gasket
			91849000	Backplate Gasket

SLINGERS

Const. Code	Slinger Part Number
X3	91867835
X4,XA	91867849
X5	91867832
X6	91867846

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**EXPLANATION OF PUMP CATALOG
(Refer to Pump Nameplate)**

**XX
Product
Code**

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**XXXXX
Model
Number**

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**XXXXXX
Construction
Code**

NOTE: This Replacement Parts Guide is valid for all Grundfos products beginning with product codes 14 and 24 only.

Product Code 14 = Split coupled End Suction, type LCS

Product Code 24 = Split coupled End Suction, type LCSE

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
Impeller Cap Screw
Impeller Washer
Impeller Key
Impeller Nut

Packing Kit:
Packing Seal
Volute Gasket
Backplate Gasket
Lantern Ring
Impeller Cap Screw
Impeller Washer
Impeller Key
Impeller Nut

Wear Ring Kit:
Wear Rings

Hardware Kit:
Cap Screws

Gland Kit:
Packing Gland
Studs
Nuts
Bolts
Washers
Retaining Ring

Shaft Kit:
Shaft
O-Ring
Bushing

Gaskets:
(Non-Kitted)

NOTE: Kits may contain all parts listed. They are individually selected for each pump and its construction.

Kits may contain gaskets wherever gasket replacement is indicated, as noted above.

NOTE: Seal/Packing Kits are always recommended as spare parts.