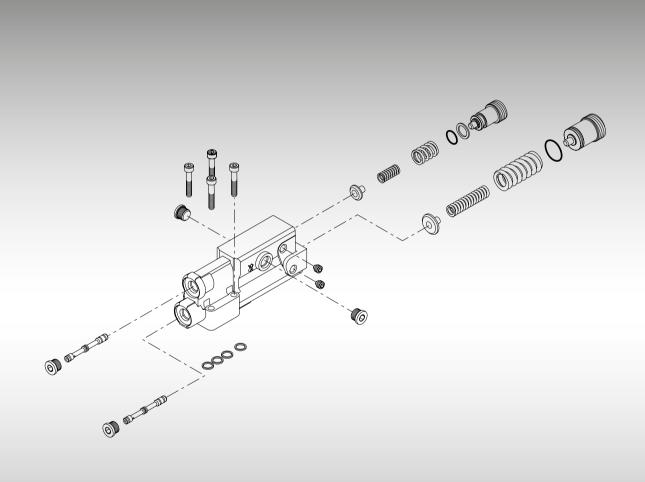


Open Circuit Pumps

Series 45 Frame G 74 and 90cc





Series 45 Frame G 74 and 90cc O. C. Pumps



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General information

Service parts indentification

The series 45 order code was changed in 2000 with the addition of the 90 cc displacement pump. Previously there were two groups of 74 cc pumps: the 45R074 and 45L074, which now are combined into the GRR and GRL (frame G), depending on rotation. The frame G includes both the 74 and 90 cc displacement pump.

Use this information and procedure to identify the module group, item number, manufacture date, part number, and part name

Nameplate

The parts listed include all parts that may be used when performing either "Minor Repairs", "Major Repairs" or "Conversions" on the frame G open circuit pumps.

Each unit has a nameplate affixed to its housing. The nameplate includes this information.

Model Code

The Sauer-Danfoss model code completely defines the specific unit. Use it when ordering parts to service this product.

Model Number

The manufacturing factory uses the Sauer-Danfoss model numbers. On repeat orders, order a complete unit by the model number

Serial Number

The Sauer-Danfoss serial number identifies the manufacture date and the unit sequence in the build. The serial number also identifies the units warranty time period.

The letter code indicates the location of original manufacture (assembly). "A" indicates the unit was originally assembled in Ames, Iowa, USA.

The first number (2 digits) indicates the year of manufacture. ("94" would indicate the unit was manufactured in 1994).

The second number (2 digits) indicates the calendar week of manufacture.

The third number (5 digits) is a sequential number used to identify a specific unit.





Series 45 Frame G 74 and 90cc O. C. Pumps



General information

Date code

The date code is the year and week of manufacture. The same item number may list more than one part number. This indicates that there is more than one configuration for that item number. You will see that there are different date codes for the different part numbers. Find the date code of your unit from the nameplate to determine the service part number you need to order.

EXAMPLE: The service part desired is Item C090

Order		Date	Date			Qty. per
Code	Item	Begin	End	Part Number	Part Name	Model/Kit
LB	C090	98-02		4570245	Spool	1
	C090	94-34	98-01	4570025	Spool (SB-1995-006)	1

All units using this order code with a date code of 94-34 and up to and including 98-01 must use part number "4570025".

All units with a date code of 98-02 and newer must use part number "4570245".

Service bulletins

A Service Bulletin Number (SB-____- may follow the "Part Name" of the part you desire. You must read that Service Bulletin before ordering that part. The information contained in these Service Bulletins, as of the print date of this bulletin, are at the end of this manual. Service Bulletins contain more detailed information, such as: interchangeability, what additional parts are involved, etc. We suggest that you add additional Service Bulletins to this manual as you recieve them.

Procedure to identify a part

General

The modular design of Series 45 units results in a simplified service parts list and part number identification procedure. The same item numbers are used for same part names on all units within a product type. (Example: The lip seal - Item K020 has the same item number on all pumps.)

A part number that has another number following it in parentheses makes this a world wide manual. The first number is sold in Germany. The number in parentheses is sold in the United States. (Example: 016014 (9006200-0206); customers would order 9006200-0206 if ordering the part in the United States.)

Example of a Part Identification

The nameplate on a Series 45 pump has an Order Code of GRL 074B PC 21 NN NN N 3 S1B2 A1N NNN NNN NNN. Do this to determine the part number of the drive shaft used on this pump.

- 1) Referring to the input shaft module in the Order Code (see page 7), the input shaft option for this pump is identified by the code "S1B2". (GRL 074B PC 21 NN NN N 3 **51B2** A1N NNN NNN NNN)
- 2) Referring to the Service Parts List, find the shaft group.
- 3) Next find the order code that relates to this unit, which is "S1B2". The shaft is found to be item J010 and part number 4740007.