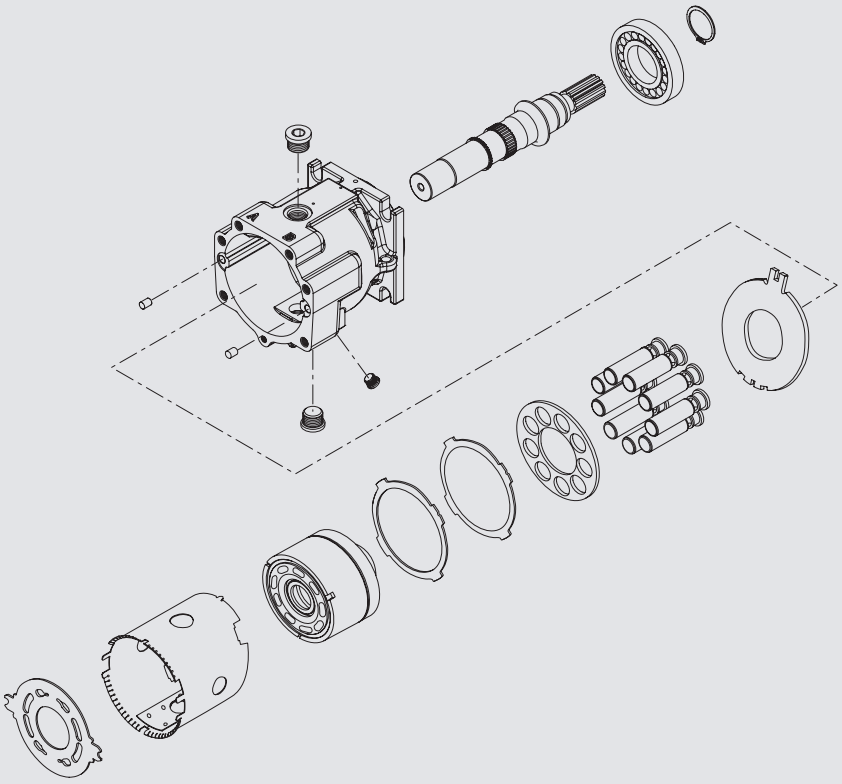
Parts Manual
danfoss.com

Series 90 55cc
Axial Piston Motors



Revision history

Table of revisions

Date	Changed	Rev
November 2026	Cover image update	0502
May 2026	Converted to modern format	0501

General Information

Service parts identification.... 4
Nameplate.... 4
Date code.... 5
Service bulletins.... 5
Procedure to identify a part.... 5

Fixed Displacement Motor

Order code, fixed displacement motor.... 6
Common parts.... 7
Special hardware CBD-EAJ.... 9
Special hardware EAK-EFC.... 11
Special hardware EFE-EHD.... 15
Special hardware EHK-JCB.... 19
Special hardware MBX-NNN.... 23
End Cap 1-L.... 25
Loop flushing K-X.... 29
Charge pressure setting 00-N6.... 31
Shaft C6-T1.... 35
Overhaul seal kit.... 37

Fixed Displacement Cartridge Motor

Order Code.... 38
Common parts.... 39
Special hardware EBA-EFJ.... 41
Special hardware EGH-NNN.... 43
End Cap 1-D.... 45
Loop flushing N-X.... 47
Charge pressure setting 00-NN.... 49
Shaft C6-T1.... 53
Overhaul seal kit.... 55

Service bulletins

SB-1988-023 (piston improvement).... 56
SB-1989-020 (end cap, loop flushing, and adding adjustable cprv).... 58
SB-1994-015 (swashplate and pivot arm).... 60
SB-1998-007 (end cap).... 61
SB-2000-047 (loop flushing spring and spring seat).... 63
SB-2004-015 (housing).... 64

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General Information

Service parts identification

The following information and procedure is used to identify the module group, item number, manufacture date, part number, and part name of the parts included in the product.

The parts listed include all parts which may be used when performing either “Minor Repairs”, “Major Repairs” or “Conversions” on the product.

Nameplate

Each unit will have a nameplate affixed to the housing. The nameplate will include the following information.

Model Code

The Danfoss model code completely defines the specific unit and must be used when ordering parts to service this product.

Model Number

The Danfoss model number is used by the factory in manufacturing. On repeat orders, a complete unit can be ordered by the model number.

Serial Number

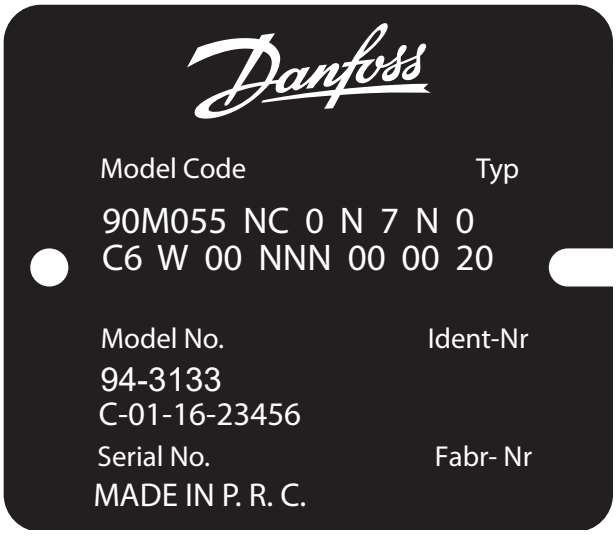
The Danfoss serial number is used to identify the manufacture date and the unit sequence in the build. The serial number is also used to identify the units warranty time period.

The letter code indicates the location of original manufacture (assembly). “C” indicates the unit was originally assembled in China.

The first number (2 digits) indicates the year of manufacture. (“01” would indicate the unit was manufactured in 2001).

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.



Date code

The date code is defined as 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 which service part number you need to order.

EXAMPLE: The service part desired is Item H10

Order code: N

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
H10	89-38		8800668	Loop flushing spool, defeated	1
H10	87-02	89-37	8800021	Loop flushing spool, defeated (SB-1989-020)	1

All units using this order code with a date code of 87-02 and up to and including 89-37, must use part number “8800021”. All units with a date code of 89-38 and newer must use part number “8800668”.

Service bulletins

A Service Bulletin Number (SB-_ _ _ _ - _ _ _) may follow the “Part Name” of the part you desire. You must read that Service Bulletin prior to ordering that part. The information contained in these Service Bulletins, as of the print date of this bulletin, are included at the end of this manual. Service Bulletins contain more detailed information such as interchangeability, what additional parts are involved, etc. It is suggested that you add additional Service Bulletins to this manual as you receive them.

Procedure to identify a part

General

The modular design of Series 90 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 L40 has the same item number on all motors.)

A part number that has another number following it in parentheses is done to make this a world wide manual. The first number is sold in Germany. The number in parentheses is sold in the United States. (Example: 515965 (9005110-5600), customers would order 9005110-5600 if ordering the part in the United States.)

Example of a part identification

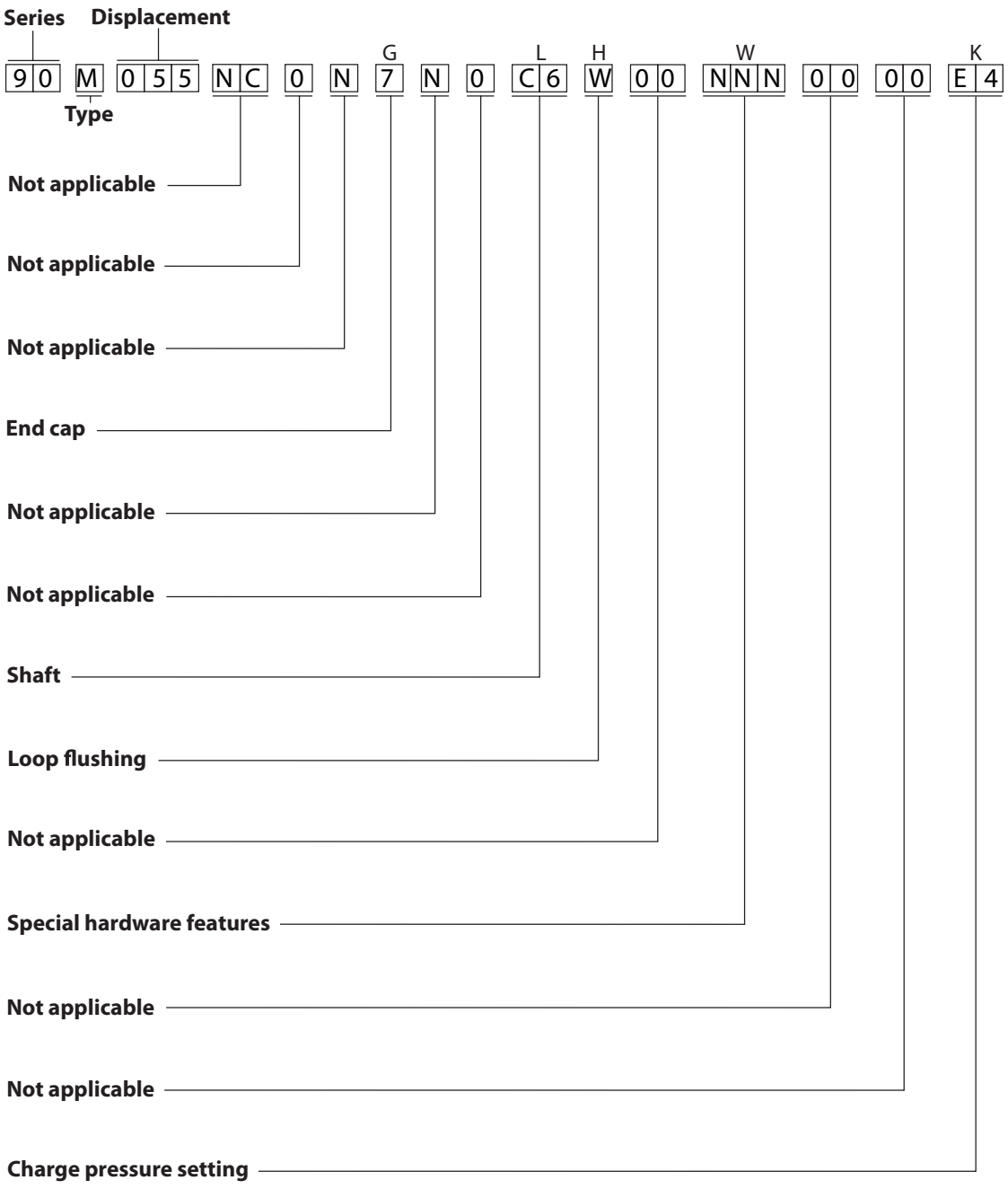
The nameplate on a Series 90 motor has an Order Code of 90M055 NC 0 N 7 N 0 C6 W 00 NNN 00 00 20. Use the following procedures to determine the part number of the drive shaft used on this motor.

1. Referring to the shaft module in the Order Code (see page 7), the shaft option for this motor is identified by the code “C6”. (90M055 NC 0 N 7 N 0 **C6** W 00 NNN 00 00 20).
2. Referring to the Service Parts List, find the shaft group. Next find the order code that relates to this unit, which is “C6”. The shaft is found to be item L100 and part number 8000825.

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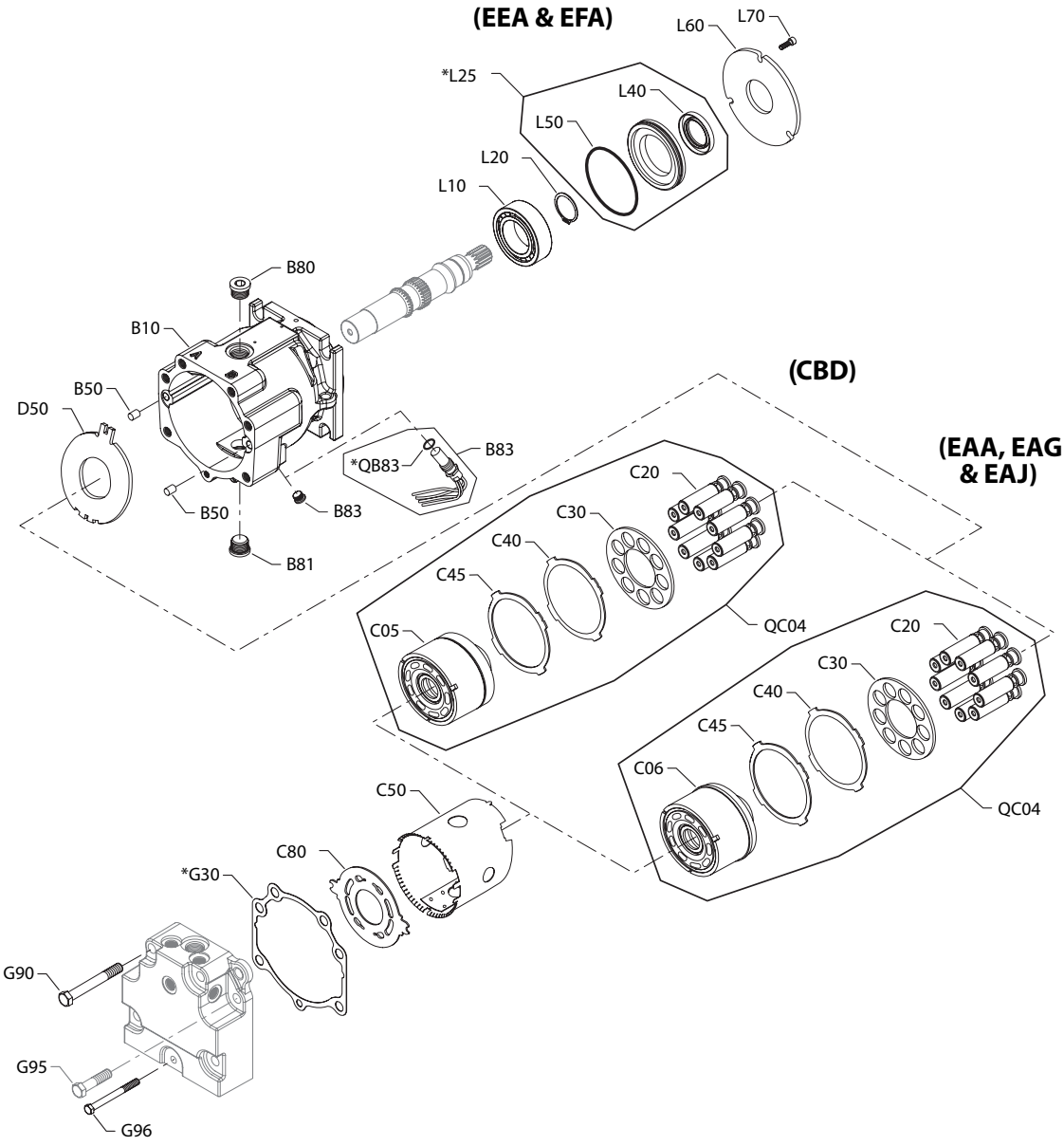
Fixed Displacement Motor

Order code, fixed displacement motor



Common parts

Parts configuration



Note

Generic end cap used to show part location only

* = included in overhaul seal kit Q210

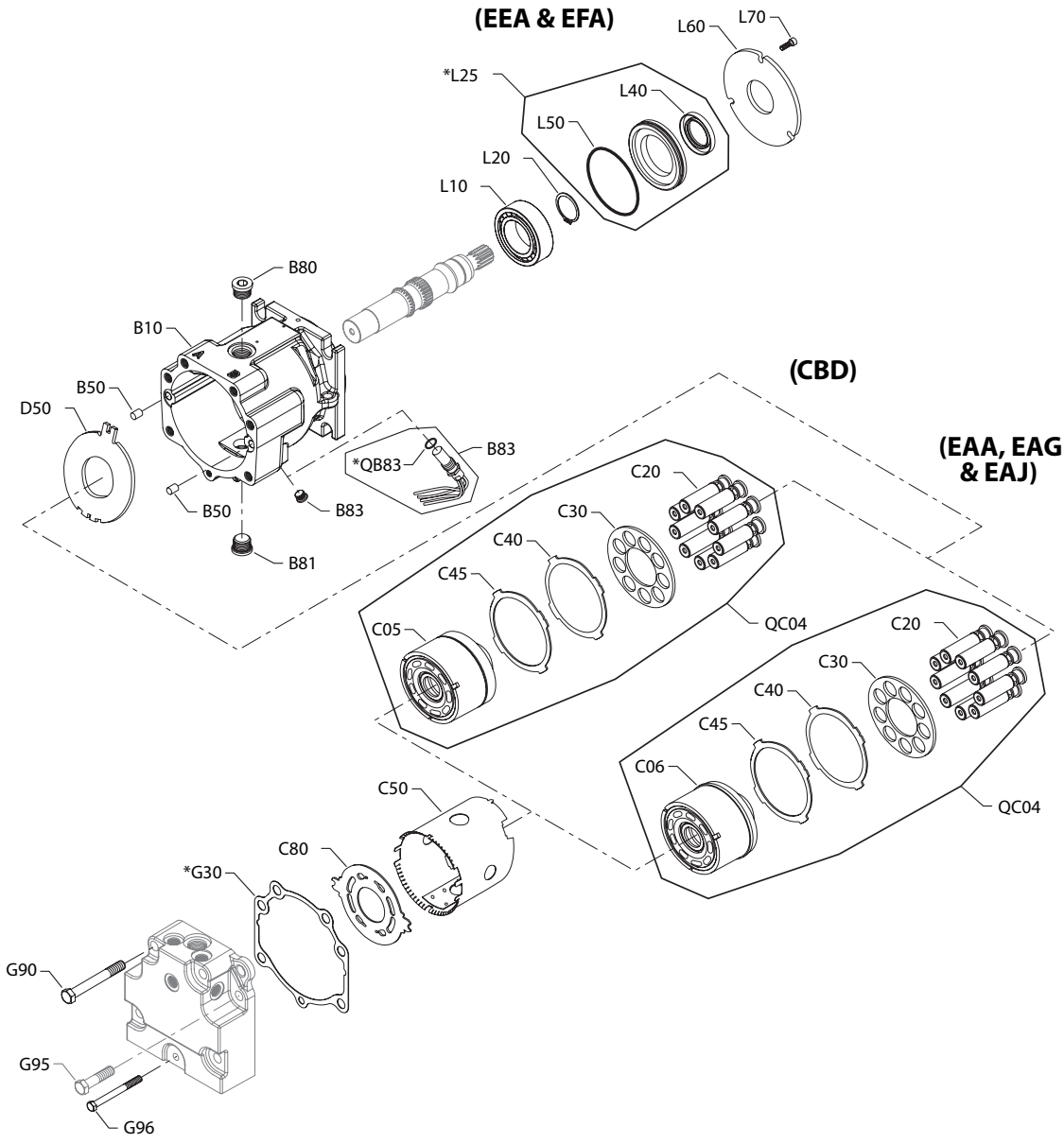
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Common parts

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
B10	87-02		8000782	Housing (*SB-2004-015 (housing)*)	1
B50	87-02		001289 (9004800-3708)	Pin	2
B80	87-02		315325 (9005110-8700)	Plug assembly	1
B81	87-02		315325 (9005110-8700)	Plug assembly	1
C30	87-02		11067348	Slipper guide	1
C40	88-43		11057796	Slipper guide retainer	1
C45	88-43		11063827	Slipper guide retainer spacer	1
C50	87-02		8000265	Hold down tube	1
C80	87-02		329748	Valve plate	1
D50	87-02		11136441	Thrust plate	1
G30	87-02		8000721	End cap gasket	1
G90	05-22		9007210-1216	Screw (*SB-2004-015 (housing)*)	6
G90	87-02	05-21	9007210-1216	Screw (*SB-2004-015 (housing)*)	4
G95	87-02	05-21	9007210-1209	Screw (*SB-2004-015 (housing)*)	2
G96	87-02		9007210-0816	Screw	1
L10	87-02		5000504	Roller Bearing	1
L20	87-02		9006300-0137	Retaining ring	1
L25	87-02		11083637	Seal assembly	1
L40	87-02		11013519	Lip seal	1
L50	87-02		071845 (9004104-1510)	O-ring	1
L60	87-02		11083638	Retainer plate	1
L70	87-02		041160 (9007314-0605)	Screw	3

Special hardware CBD-EAJ

Parts configuration



Generic end cap used to show part location only

* = included in overhaul seal kit Q210

Order code: CBD

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
QC04	87-02		11137419	Cylinder block kit with special spring	1
C05	87-02		8000801	Cylinder block assembly with special spring	1
C20	87-02		8000803	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		140644	Plug assembly	1

Order code: EAA

QC04	87-02		8510396	Cylinder block kit w/speed ring	1
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG12508	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1

Order code: EAG

QC04	87-02		8510396	Cylinder block kit w/speed ring	1
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG16511	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1

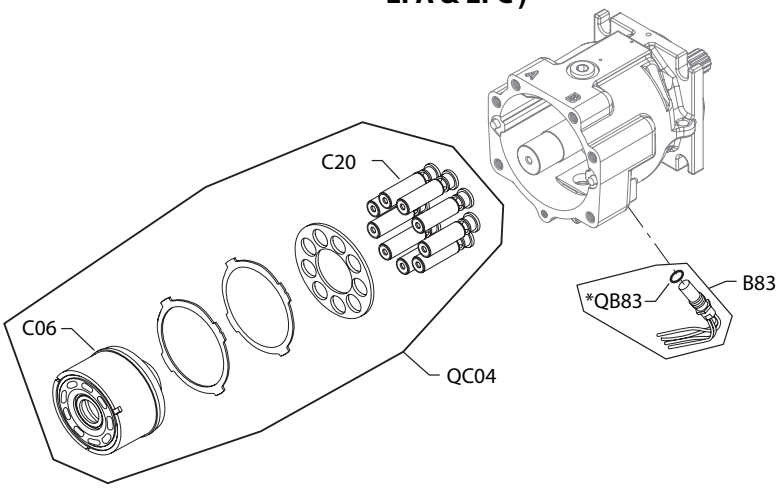
Order code: EAJ

QC04	06-48		8510396	Cylinder block kit w/speed ring	1
C06	06-48		8000336	Cylinder block assembly w/speed ring	1
C20	06-48		367672	Piston assembly	9
B83	06-48		KPPG166	Speed sensor	1
QB83	06-48		085043 (9004201-3700)	O-ring	1

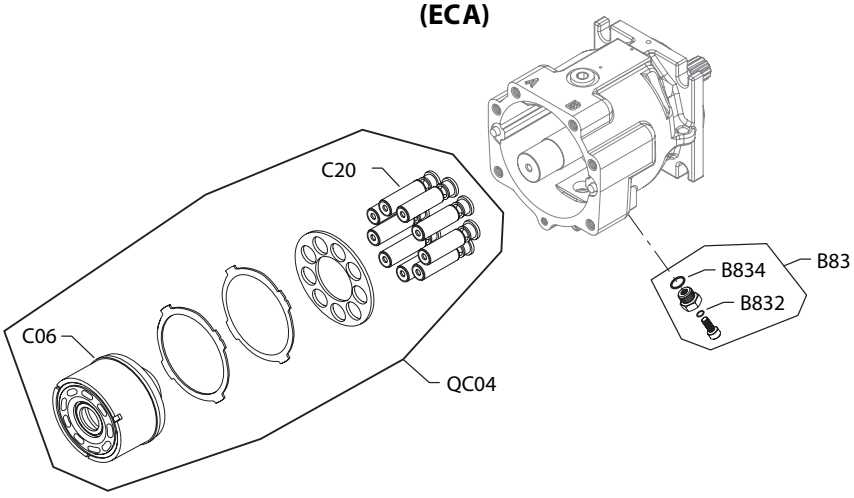
Special hardware EAK-EFC

Parts configuration

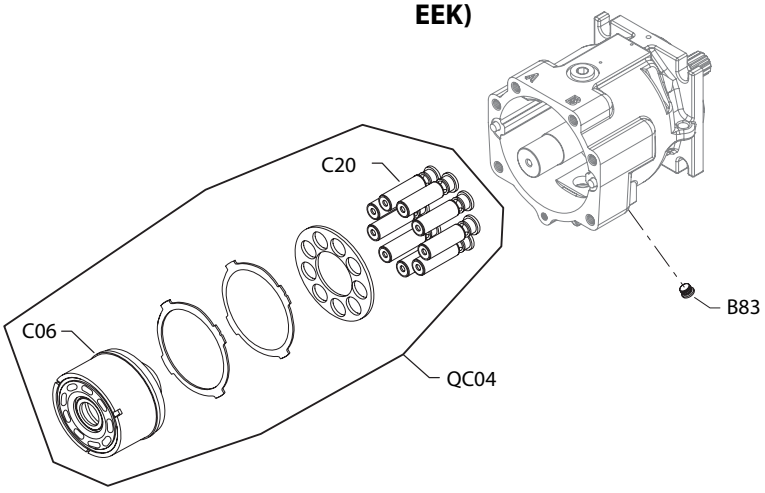
(EAK, EBA, EBF, EFA & EFC)



(ECA)



(EEA, EEH, EEK)



* = included in overhaul seal kit Q210

Order code: EAK

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
C06	14-43		8000336	Cylinder block assembly w/speed ring	1
C20	14-43		367672	Piston assembly	9
B83	14-43		KPPG166	Speed sensor	1
QB83	14-43		085043 (9004201-3700)	O-ring	1
QC04	14-43		8510396	Cylinder block kit w/speed ring	1

Order code: EBA

C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG13408	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1
QC04	87-02		8510396	Cylinder block kit w/speed ring	1

Order code: EBF

C06	15-30		8000336	Cylinder block assembly w/speed ring	1
C20	15-30		367672	Piston assembly	9
B83	15-30		KPPG1A408	Speed sensor	1
QB83	15-30		085043 (9004201-3700)	O-ring	1
QC04	15-30		8510396	Cylinder block kit w/speed ring	1

Order code: ECA

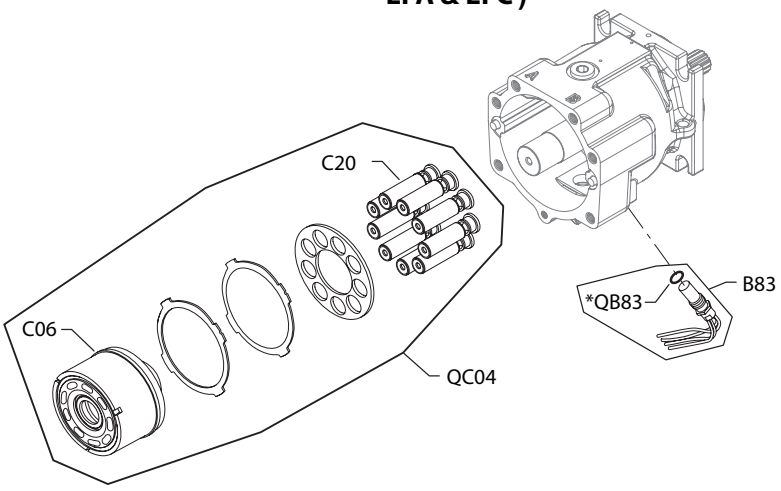
C06	87-02		8000809	Cylinder block assembly w/impulse speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		8800861	Special plug assembly	1
B832	87-02		9004101-0110	O-ring	1
B834	87-02		085043 (9004201-3700)	O-ring	1
QC04	87-02		11137420	Cylinder block kit w/impulse speed ring	1

Order code: EEA

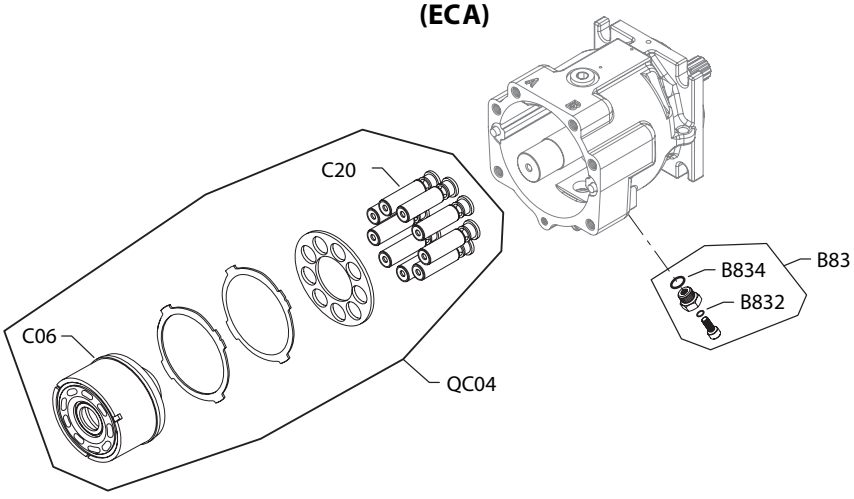
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		140644	Plug assembly	1
QC04	87-02		8510396	Cylinder block kit w/speed ring	1

Parts configuration

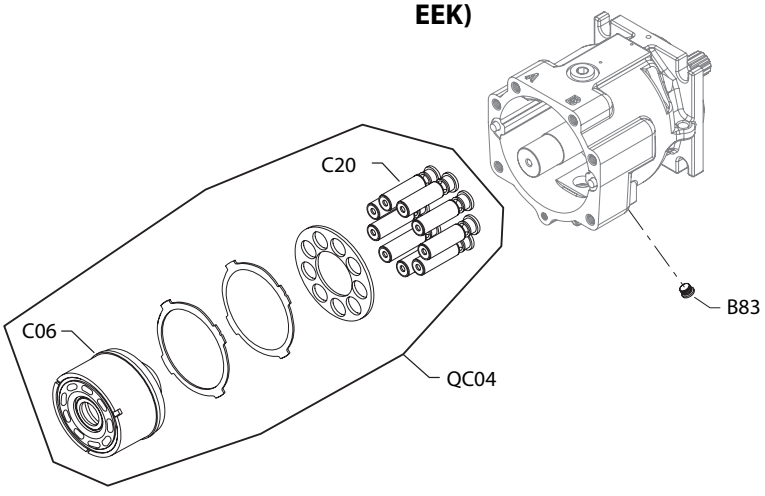
(EAK, EBA, EBF, EFA & EFC)



(ECA)



(EEA, EEH, EEK)



* = included in overhaul seal kit Q210

Order code: EEH

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
QC04	87-02		8510396	Cylinder block kit w/speed ring	1
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		140644	Plug assembly	1

Order code: EEK

QC04	87-02		8510396	Cylinder block kit w/speed ring	1
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		140644	Plug assembly	1

Order code: EFA

QC04	87-02		8510396	Cylinder block kit w/speed ring	1
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG136	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1

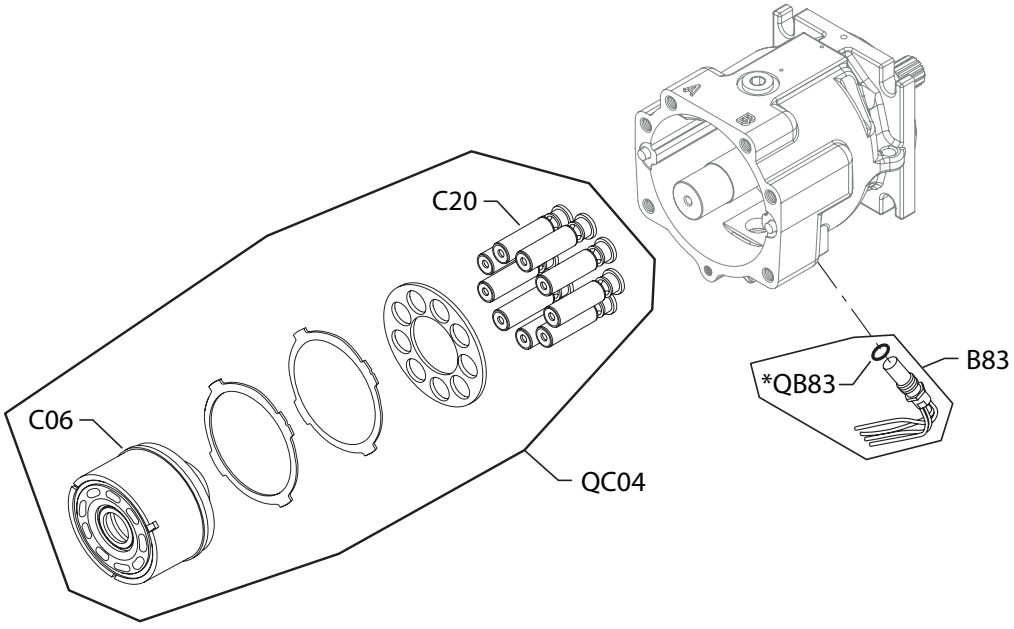
Order code: EFC

QC04	87-02		8510396	Cylinder block kit w/speed ring	1
C05	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG156	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1

Special hardware EFE-EHD

Parts configuration

(EFE, EFM, EFS, EGG, EGH, EGJ, EGM & EHD)



* = included in overhaul seal kit Q210

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Order code: EFE

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG136	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1
QC04	87-02		8510396	Cylinder block kit w/speed kit	1

Order code: EFM

C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG12730A	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1
QC04	87-02		8510396	Cylinder block kit, w/speed ring	1

Order code: EFS

C06	87-02	15-22	8000336	Cylinder block assembly w/speed ring	1
C20	87-02	15-22	367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02	15-22	KPPG12703A	Speed sensor	1
QB83	87-02	15-22	085043 (9004201-3700)	O-ring	1
QC04	87-02	15-22	8510396	Cylinder block kit, w/speed ring	1

Order code: EGG

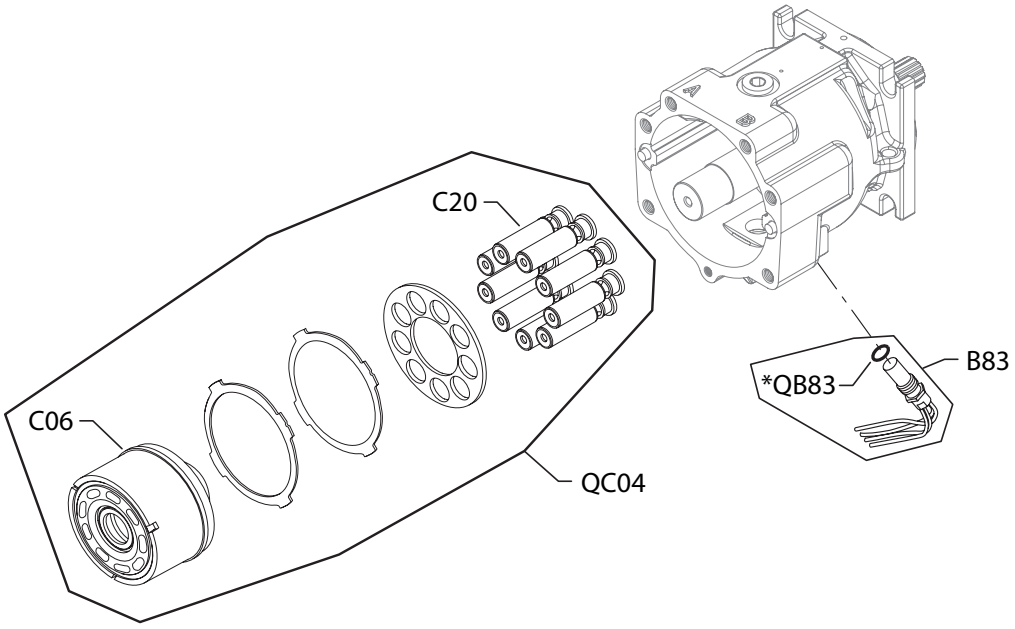
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG17708	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1
QC04	87-02		8510396	Cylinder block kit, w/speed ring	1

Order code: EGH

C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG13703	Speed Sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1
QC04	87-02		8510396	Cylinder block kit, w/speed ring	1

Parts configuration

(EFE, EFM, EFS, EGG, EGH, EGJ, EGM & EHD)



* = included in overhaul seal kit Q210

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Order code: EGJ

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG19708	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1
QC04	87-02		8510396	Cylinder block kit, w/speed ring	1

Order code: EGM

C06	14-34		8000336	Cylinder block assembly w/speed ring	1
C20	14-34		367672	Piston assembly	9
B83	14-34		11150658	Speed sensor	1
QB83	14-34		085043 (9004201-3700)	O-ring	1
QC04	14-34		8510396	Cylinder block kit w/speed ring	1

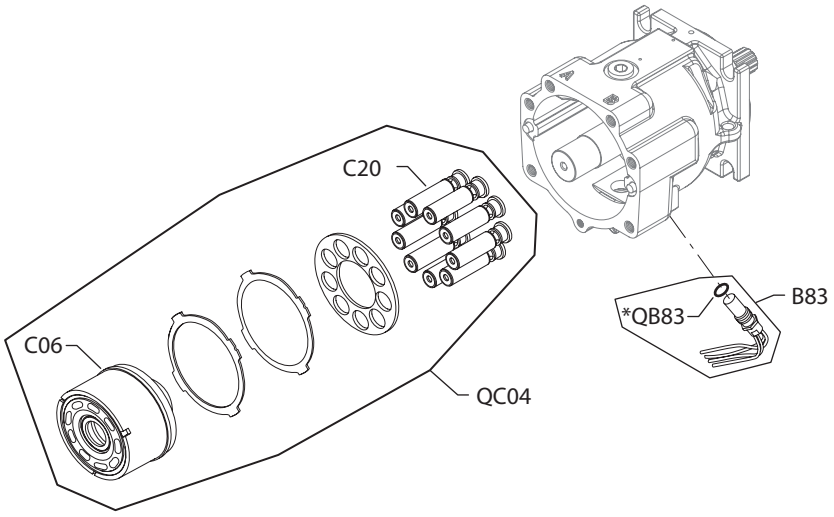
Order code: EHD

C06	87-02		8000336	Cylinder block assembly w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG16408	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1
QC04	87-02		8510396	Cylinder block kit, w/speed ring	1

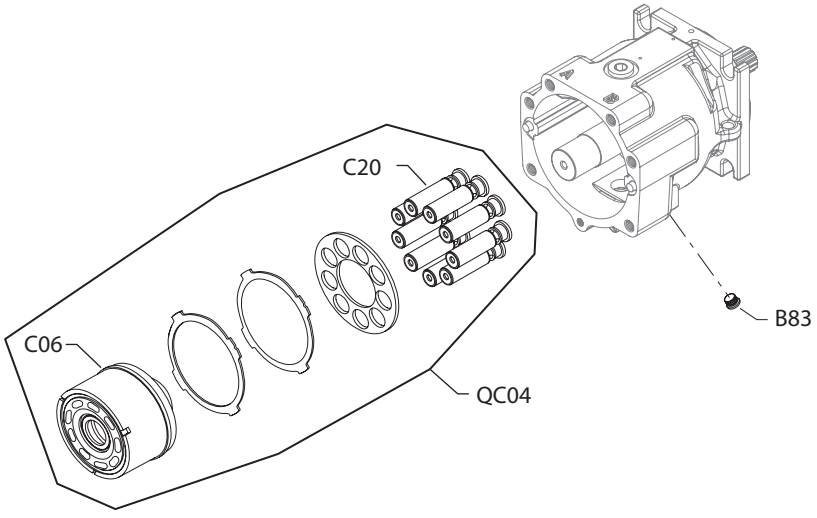
Special hardware EHK-JCB

Parts configuration

(EHK)



(JAA, JAD, JAF, JAG, JAH, JAK, JAL, JCA & JCB)



* Included in overhaul seal kit Q210

Order code: EHK

Item	Date Begin	Date End	Part Number	Part Name	Qty. per Model/Kit
C06	87-02	15-22	8000336	Cylinder block assembly. w/speed ring	1
C20	87-02	15-22	367672	Piston assembly *(SB-1988-023)*	9
B83	87-02	15-22	KPPG19408	Speed sensor	1
QB83	87-02	15-22	085043 (9004201-3700)	O-ring	1
QC04	87-02	15-22	8510396	Cylinder block kit, w/speed ring	1

Order code: JAA

QC04	08-04		8510361	Cylinder block kit, w/o speed ring	1
C05	08-04		8000128	Cylinder block assembly. w/o speed ring	1
C20	08-04		367672	Piston assembly	9
B83	08-04		140644	Plug assembly	1

Order code: JAD

QC04	06-17		8510361	Cylinder block kit, w/o speed ring	1
C05	06-17		8000128	Cylinder block assembly. w/o speed ring	1
C20	06-17		367672	Piston assembly	9
B83	06-17		140644	Plug assembly	1

Order code: JAF

QC04	15-03		8510361	Cylinder block kit, w/o speed ring	1
C05	15-03		8000128	Cylinder block assembly. w/o speed ring	1
C20	15-03		367672	Piston assembly	9
B83	15-03		140644	Plug assembly	1

Order code: JAG

QC04	06-12		8510361	Cylinder block kit, w/o speed ring	1
C05	06-12		8000128	Cylinder block assembly. w/o speed ring	1
C20	06-17		367672	Piston assembly	9
B83	06-12		140644	Plug assembly	1

Order code: JAH

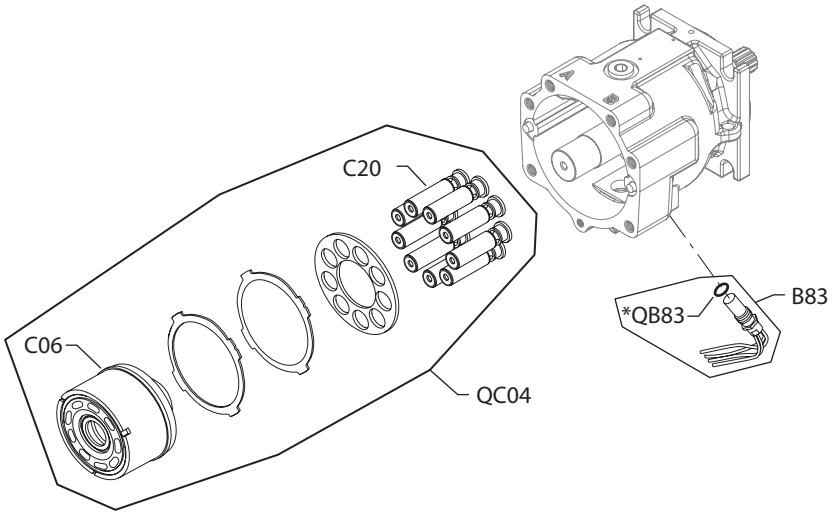
QC04	06-12		8510361	Cylinder block kit, w/o speed ring	1
C05	06-12		8000128	Cylinder block assembly. w/o speed ring	1
C20	06-17		367672	Piston assembly	9
B83	06-12		140644	Plug assembly	1

Order code: JAK

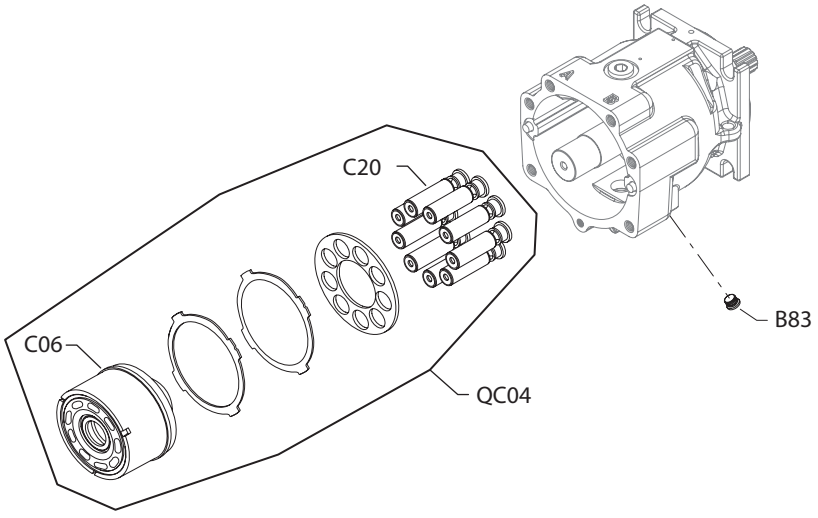
QC04	06-13		8510361	Cylinder block kit, w/o speed ring	1
C05	06-13		8000128	Cylinder block assembly. w/o speed ring	1
C20	06-17		367672	Piston assembly	9
B83	06-13		140644	Plug assembly	1

Parts configuration

(EHK)



(JAA, JAD, JAF, JAG, JAH, JAK, JAL, JCA & JCB)



* Included in overhaul seal kit Q210

Order code: JAL

Item	Date Begin	Date End	Part Number	Part Name	Qty. per Model/Kit
QC04	06-17		8510361	Cylinder block kit, w/o speed ring	1
C05	06-17		8000128	Cylinder block assembly. w/o speed ring	1
C20	06-17		367672	Piston assembly	9
B83	06-17		140644	Plug assembly	1

Order code: JCA

QC04	09-51		8510361	Cylinder block kit, w/o speed ring	1
C05	09-51		8000128	Cylinder block assembly. w/o speed ring	1
C20	09-51		367672	Piston assembly	9
B83	09-51		140644	Plug assembly	1

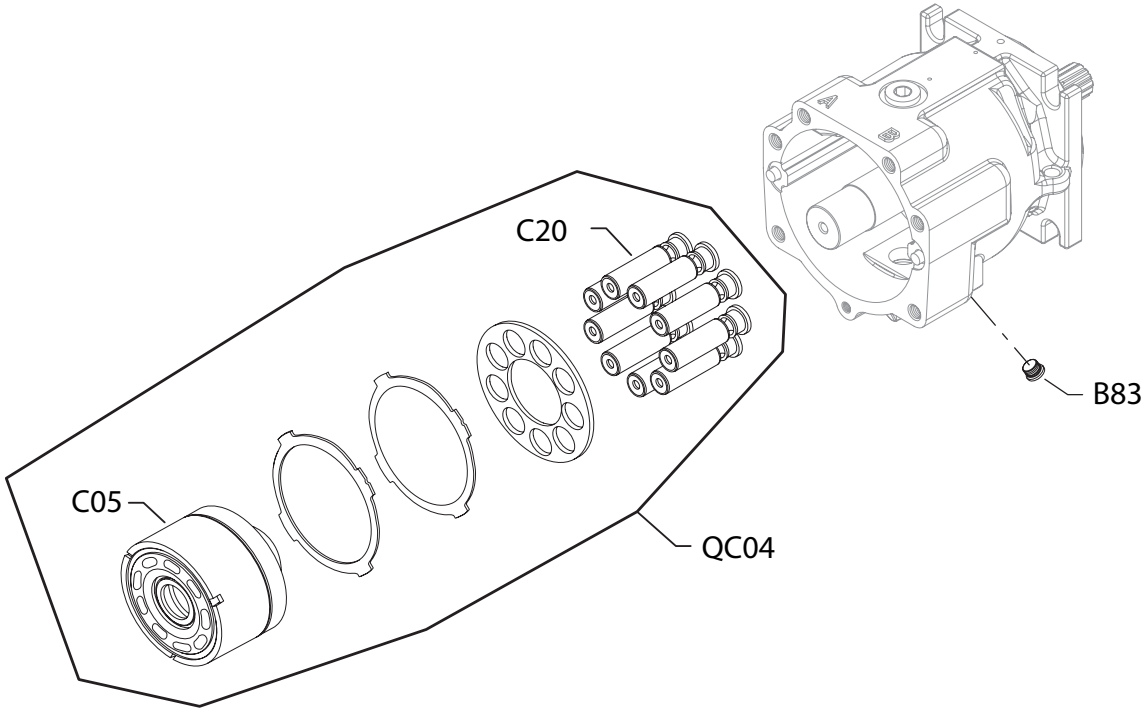
Order code: JCB

QC04	09-51		8510361	Cylinder block kit, w/o speed ring	1
C05	09-51		8000128	Cylinder block assembly. w/o speed ring	1
C20	09-51		367672	Piston assembly	9
B83	09-51		140644	Plug assembly	1

Special hardware MBX-NNN

Parts configuration

(MBX, MIX, & NNN)



* = included in overhaul seal kit Q210

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Order code: MBX

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
QC04	87-02		11167850	Cylinder block kit, w/o speed ring	1
C05	87-02		8000128	Cylinder block assembly. w/o speed ring	1
C20	06-17		11161572	Piston assembly, solid	9
B83	87-02		140644	Plug assembly	1

Order code: MIX

QC04	87-02		11167850	Cylinder block kit, w/o speed ring	1
C05	87-02		8000128	Cylinder block assembly. w/o speed ring	1
C20	06-17		11161572	Piston assembly/solid	9
B83	87-02		140644	Plug assembly	1

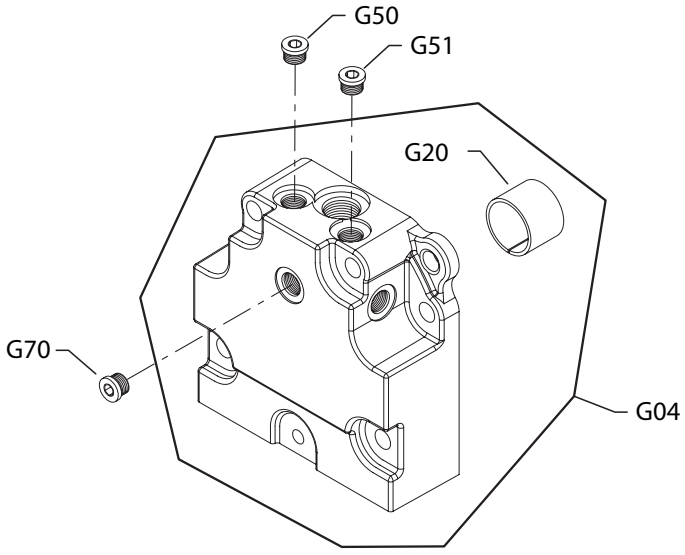
Order code: NNN

QC04	87-02		8510361	Cylinder block kit, w/o speed ring	1
C05	87-02		8000128	Cylinder block assembly. w/o speed ring	1
C20	06-17		367672	Piston assembly	9
B83	87-02		140644	Plug assembly	1

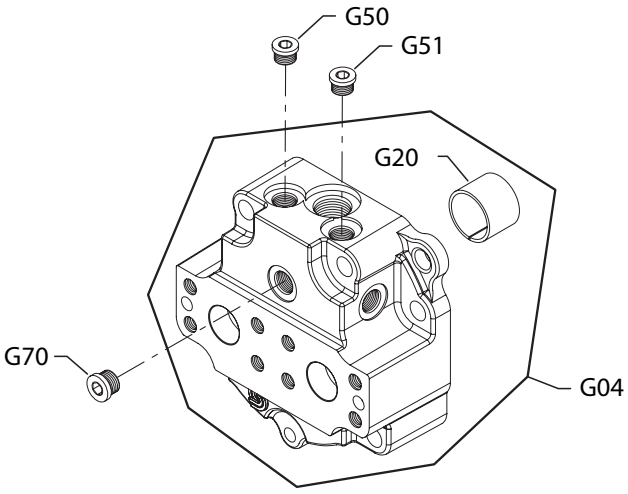
End Cap 1-L

Parts configuration

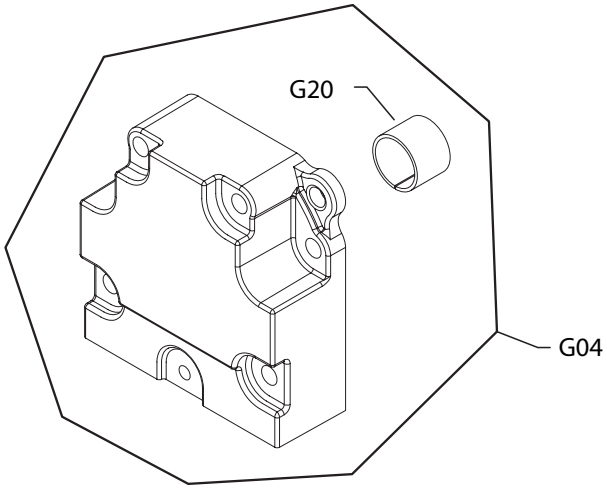
(1, 8, D & L)



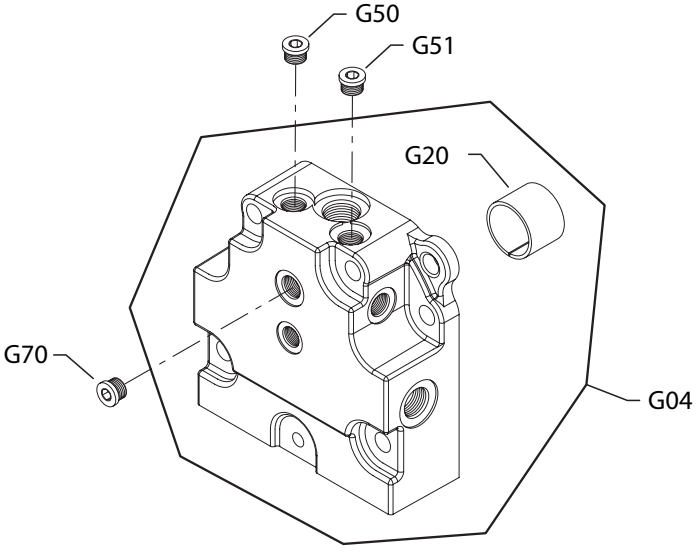
(3 & 7)



(C)



(J)



* = included in overhaul seal kit Q210

Order code: 1

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
G04	89-38		8000785	End cap assembly, twin ports (*SB-1998-007 (end cap)*)	1
G20	87-02		11017371 (8700018)	Journal bearing	1
G50	87-02		140644	Plug assembly	1
G51	87-02		140644	Plug assembly	1
G70	87-02		140644	Plug assembly	1

Order code: 3

G04	89-38		8000788	End cap assembly, axial ports (*SB-1998-007 (end cap)*)	1
G20	87-02		11017371 (8700018)	Journal bearing	1
G50	87-02		140644	Plug assembly	1
G51	87-02		140644	Plug assembly	1
G70	87-02		140644	Plug assembly	1

Order code: 7

G04	89-38		8000788	End cap assembly, axial ports (*SB-1998-007 (end cap)*)	1
G20	87-02		11017371 (8700018)	Journal bearing	1
G50	87-02		140644	Plug assembly	1
G51	87-02		140644	Plug assembly	1
G70	87-02		140644	Plug assembly	1

Order code: 8

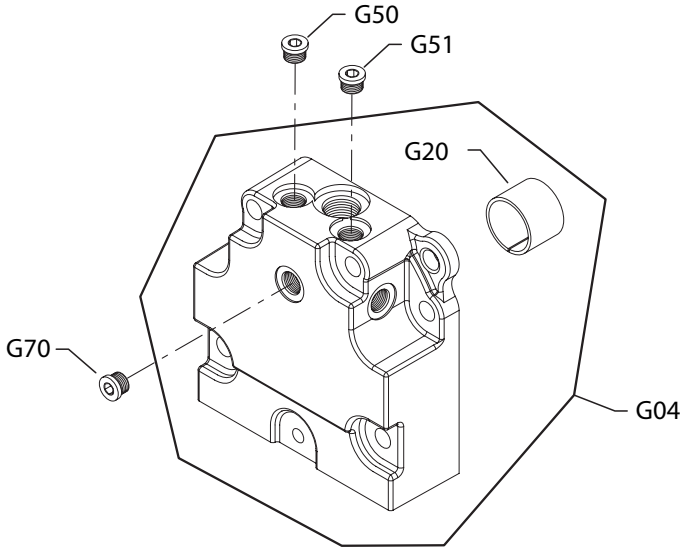
G04	89-38		8000785	End cap assembly, twin ports (*SB-1998-007 (end cap)*)	1
G20	87-02		11017371 (8700018)	Journal bearing	1
G50	87-02		140644	Plug assembly	1
G51	87-02		140644	Plug assembly	1
G70	87-02		140644	Plug assembly	1

Order code: C

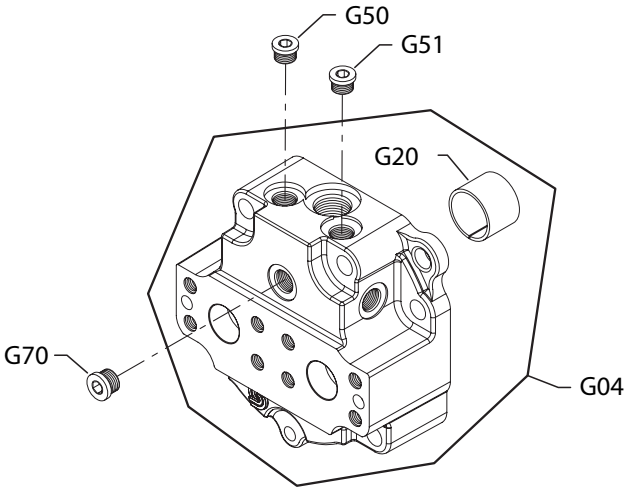
G04	94-19		8000786	End cap assembly, twin ports, without loop flushing	1
G20	94-19		11017371 (8700018)	Journal bearing	1

Parts configuration

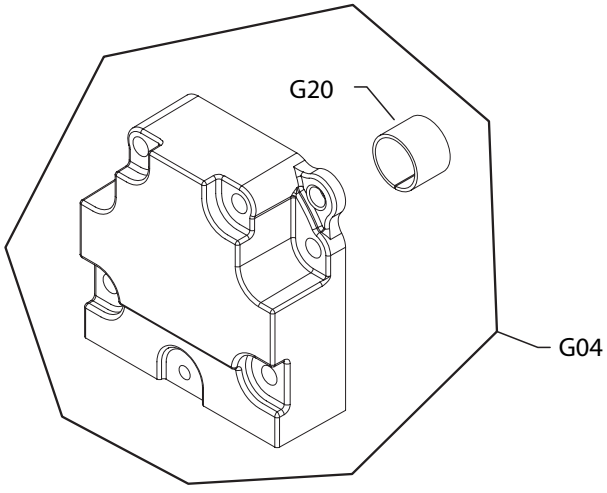
(1, 8, D & L)



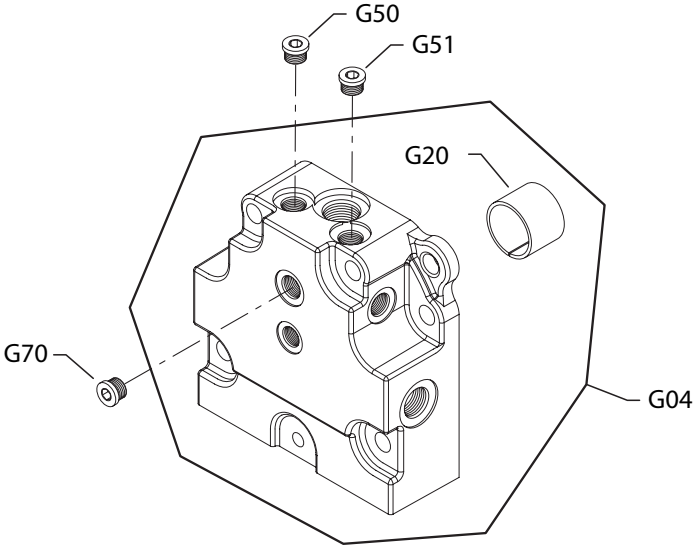
(3 & 7)



(C)



(J)



* = included in overhaul seal kit Q210

Order code: D

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
G04	95-40		8000787	End cap assembly, twin metric ports (*SB-1998-007 (end cap)*)	1
G20	95-40		11017371 (8700018)	Journal bearing	1
G50	95-40		140644	Plug assembly	1
G51	95-40		140644	Plug assembly	1
G70	95-40		140644	Plug assembly	1

Order code: J

G04	95-40		8000816	End cap assembly, twin metric ports (*SB-1998-007 (end cap)*)	1
G20	95-40		11017371 (8700018)	Journal bearing	1
G50	95-40		140644	Plug assembly	1
G51	95-40		140644	Plug assembly	1
G70	95-40		140644	Plug assembly	1

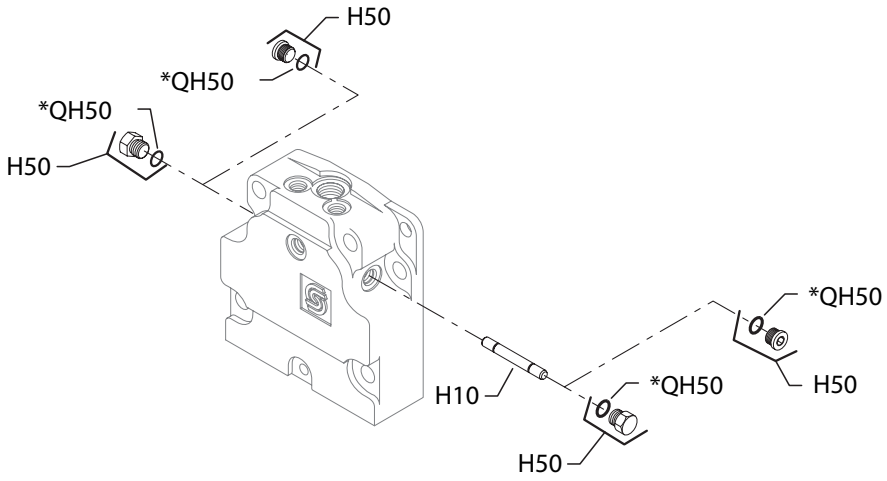
Order code: L

G04	95-40		8000531	End cap assembly, twin metric ports (*SB-1998-007 (end cap)*)	1
G20	95-40		11017371 (8700018)	Journal bearing	1
G50	95-40		140644	Plug assembly	1
G51	95-40		140644	Plug assembly	1
G70	95-40		140644	Plug assembly	1

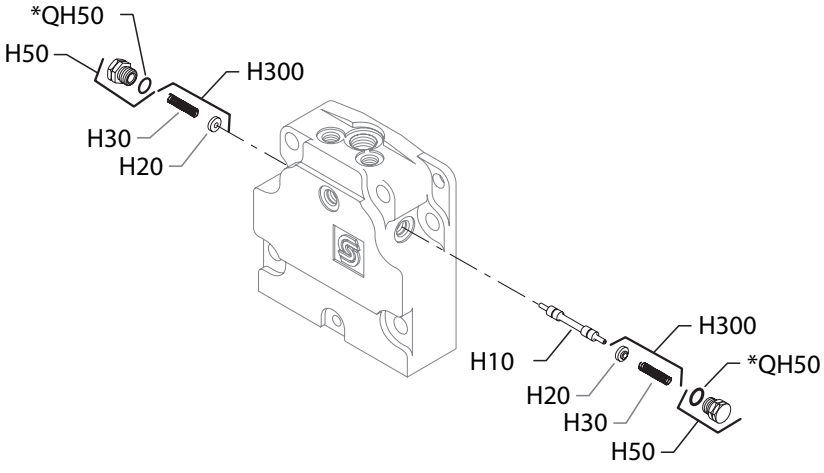
Loop flushing K-X

Parts configuration

(N)



(K & W)



Generic end cap used to show part location only

* = included in overhaul seal kit Q210

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Order code: K

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
H10	15-18		11162062	Shuttle spool, open center	1
H50	15-18		518016	Plug assembly	2
H300	15-18		513596	Spring guide assembly	2
QH50	15-18		085043 (9004201-3700)	O-ring	2

Order code: N

H10	89-38		8800668	Loop flushing spool, defeated	1
H10	87-02	89-37	308486 (8800021)	Loop flushing spool, defeated (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	1
H50	87-02		140644	Plug assembly	2
QH50	87-02		085043 (9004201-3700)	O-ring	2

Order code: W

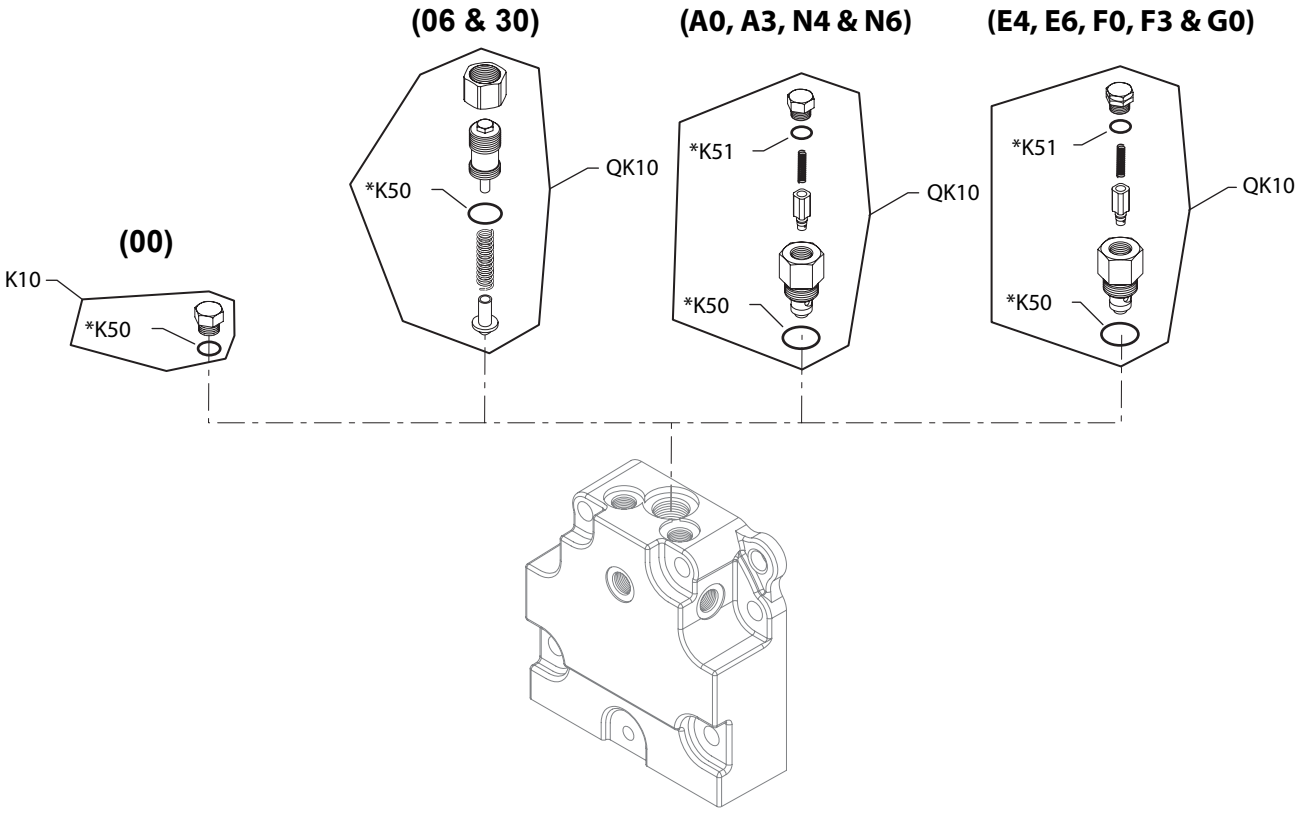
H10	89-38		11138733	Shuttle spool	1
H10	87-02	89-37	674473 (8800069)	Loop flushing spool, defeated (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	1
H20	87-02	89-37	674481 (8800265)	Spring guide (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	2
H30	87-02	89-37	8800067	Spring (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	2
H50	89-38		518016	Plug assembly	2
H50	87-02	89-37	674507 (9005475-0069)	Plug assembly (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	2
H300	89-38		513596	Spring guide assembly (*SB-2000-047 (loop flushing spring and spring seat)*)	2
QH50	87-02		085043 (9004201-3700)	O-ring	2

Order code: X

	97-28		None		

Charge pressure setting 00-N6

Parts configuration



Generic end cap used to show part location only

* = included in overhaul seal kit Q210

Order code: 00

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
K10	89-44		9005100-8700	Plug assembly	1
K50	89-44		001149 (90042011-6200)	O-ring	1

Order code: 06-30

K10	90-20		8510012	Adjustable charge relief valve kit (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	1
K50	90-20		001149 (9004201-6200)	O-ring	1

Order code: A0

QK10	98-19		8510253	Cartridge CPRV kit, 13 bar, 11 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

Order code: A3

QK10	98-19		8510256	Cartridge CPRV kit, 13 bar, 16 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

Order code: E4

QK10	98-19		8510261	Cartridge CPRV kit, 16 bar, 4 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

Order code: E6

QK10	98-19		8510252	Cartridge CPRV kit, 16 bar, 7 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

Order code: F0

QK10	98-19		8510259	Cartridge CPRV kit, 16 bar, 11 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

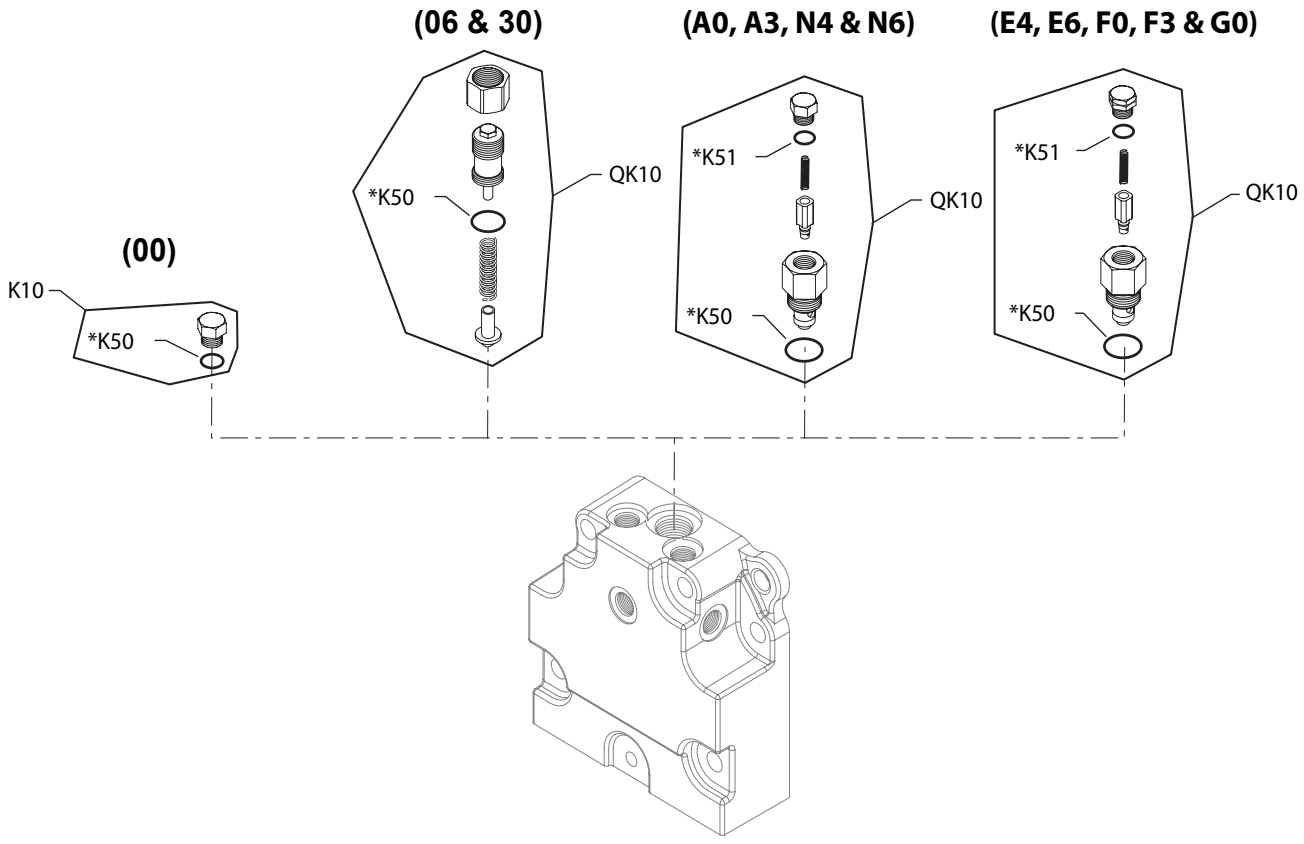
Order code: F3

QK10	98-19		8510262	Cartridge CPRV kit, 16 bar, 11 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

Order code: G0

QK10	98-19		8510262	Cartridge CPRV kit, 16 bar, 22 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

Parts configuration



Generic end cap used to show part location only

* = included in overhaul seal kit Q210

Order code: N4

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
QK10	98-19		8510255	Cartridge CPRV kit, 13 bar, 4 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

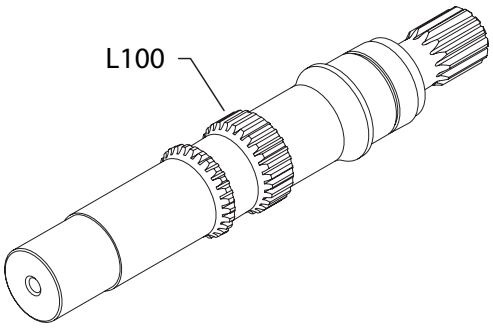
Order code: N6

QK10	98-19		11097072	Cartridge CPRV kit, 13 bar, 7 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	1

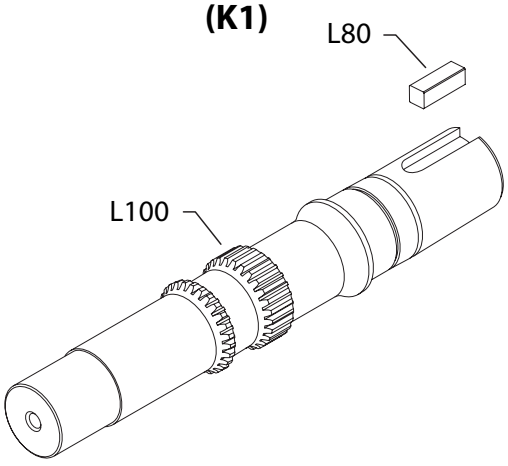
Shaft C6-T1

Parts configuration

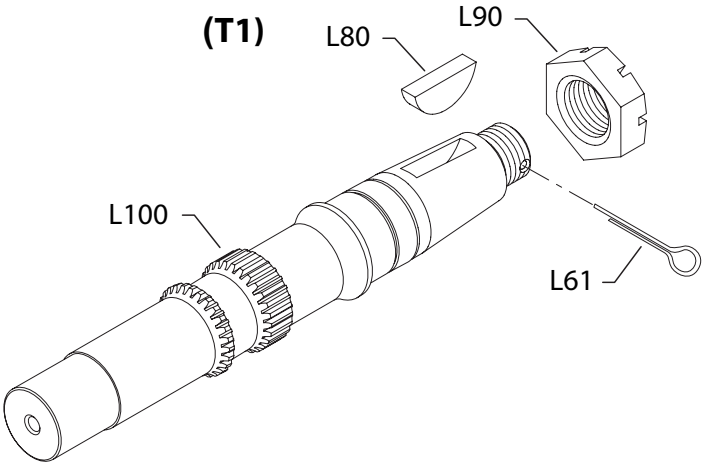
(C6 & S1)



(K1)



(T1)



Order code: C6

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
L100	87-02		8000825	Shaft, 21 tooth spline	1

Order code: D9

L100	96-43		11014500	Shaft, 21 tooth spline, M10 thread	1

Order code: K1

L100	87-02		11014512	Shaft, straight key	1
L80	87-02		9003261-3124	Key, .3125 x 1.5	1

Order code: K5

L100	87-02		11075431	Shaft, straight key	1
L80	87-02		9003261-3124	Key, .3125 x 1.5	1

Order code: S1

L100	87-02		11012275	Shaft, 14 tooth spline	1

Order code: T1

L100	87-02		11012276	Shaft, tapered	1
L61	87-02		716779 (9004600-1230)	Cotter pin	1
L80	87-02		9003310-3724	Woodruff key, .3730 x 1.5	1
L90	87-02		5000606	Slotted nut	1

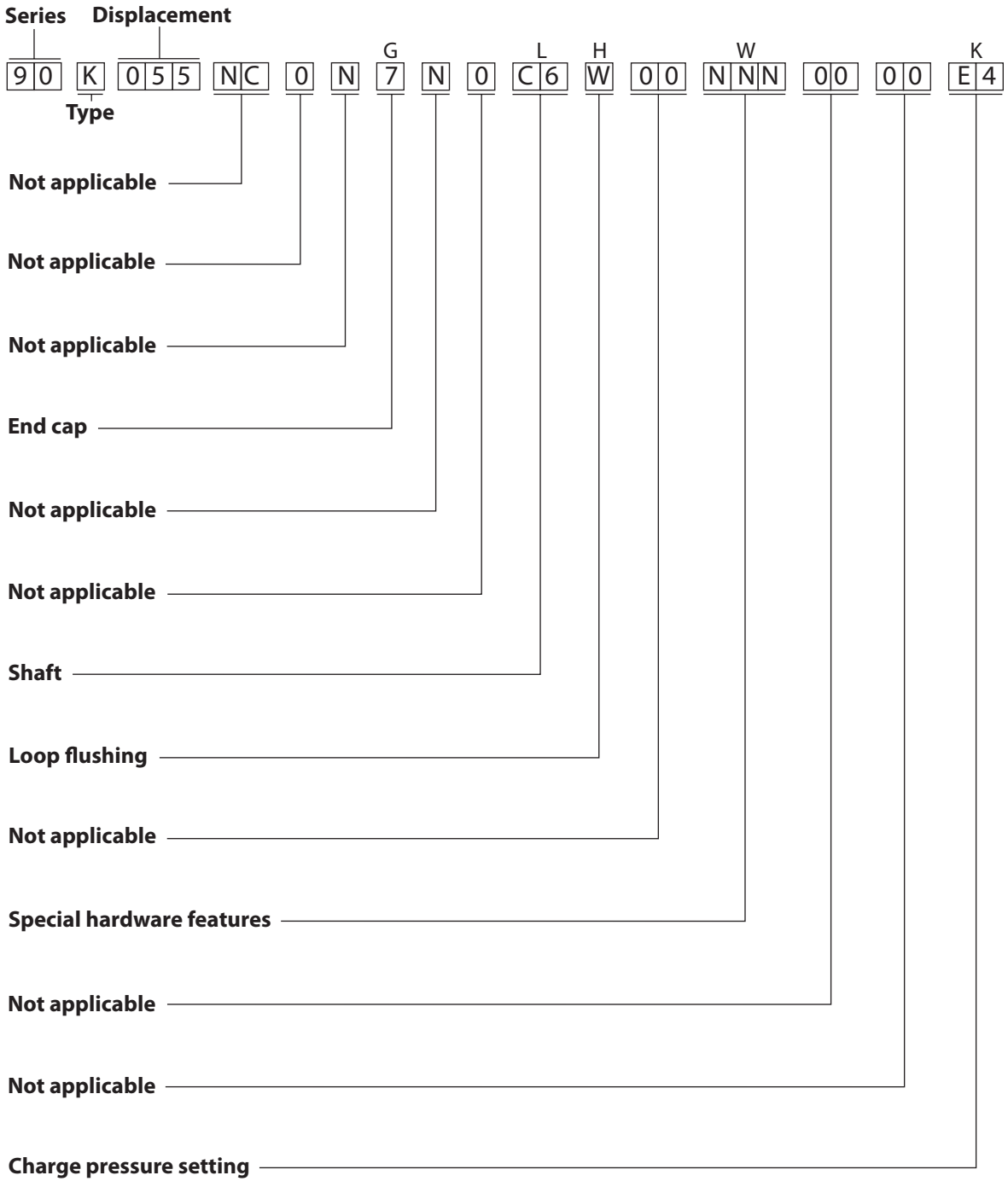
Overhaul seal kit

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
Q210	87-02		11134053	Overhaul seal kit, 90K/M055	1
B15	87-02		729319	O-ring	1
G30	87-02		8000720	End cap gasket, cartridge	1
G30	87-02		8000721	End cap gasket	1
K50	89-38		01149 (9004201-6200)	O-ring, .755 x .097, nitrile, 90D	1
K51	89-38		085043 (9004201-3700)	O-ring, .468 x .078, nitrile, 90D	1
L25	87-02		11083637	Seal carrier assembly	1
QB83	87-02		085043 (9004201-3700)	O-ring, .468 x .078, nitrile, 90D	1
QH50	87-02		085043 (9004201-3700)	O-ring, .468 x .078, nitrile, 90D	2

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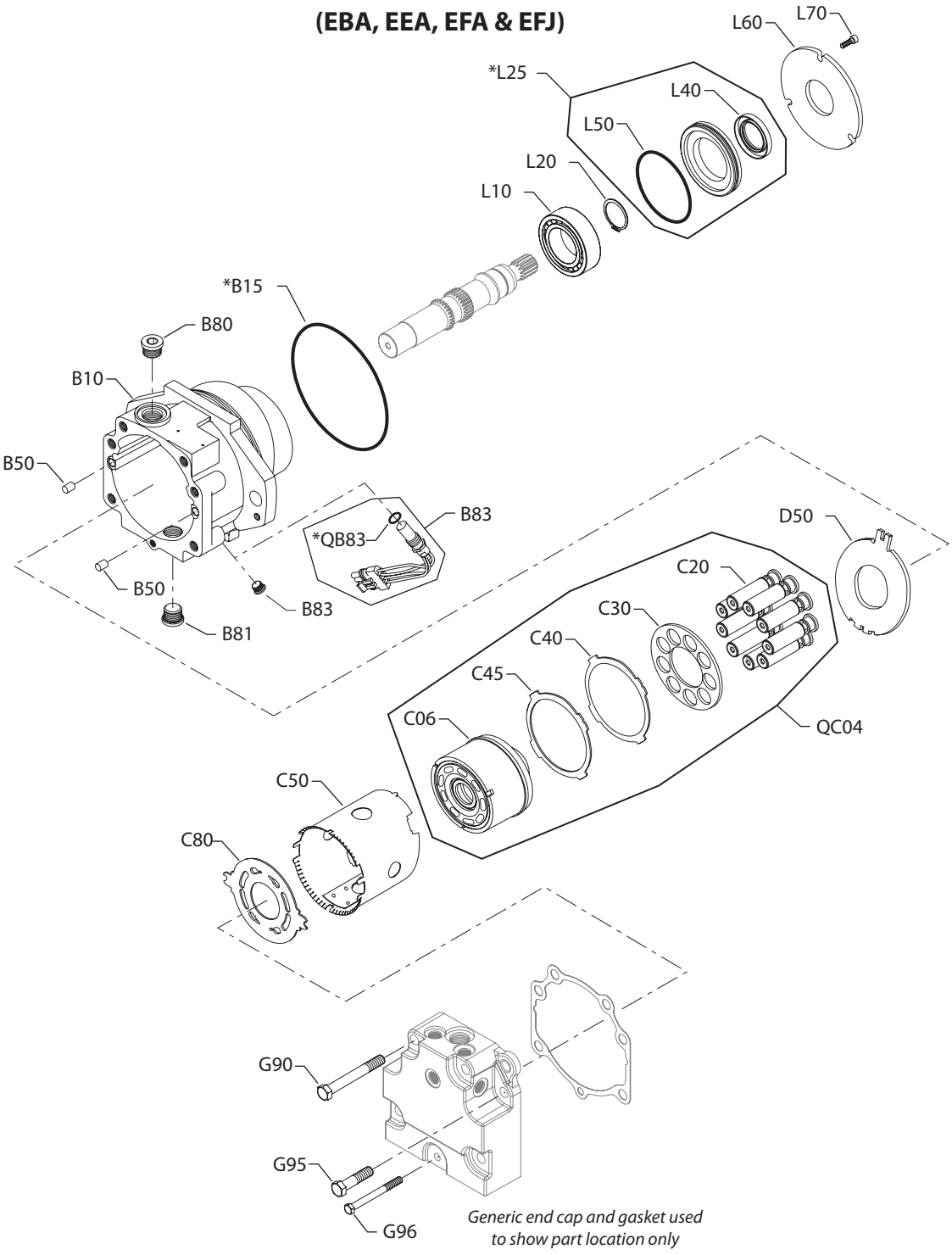
Fixed Displacement Cartridge Motor

Order Code



Common parts

Parts configuration



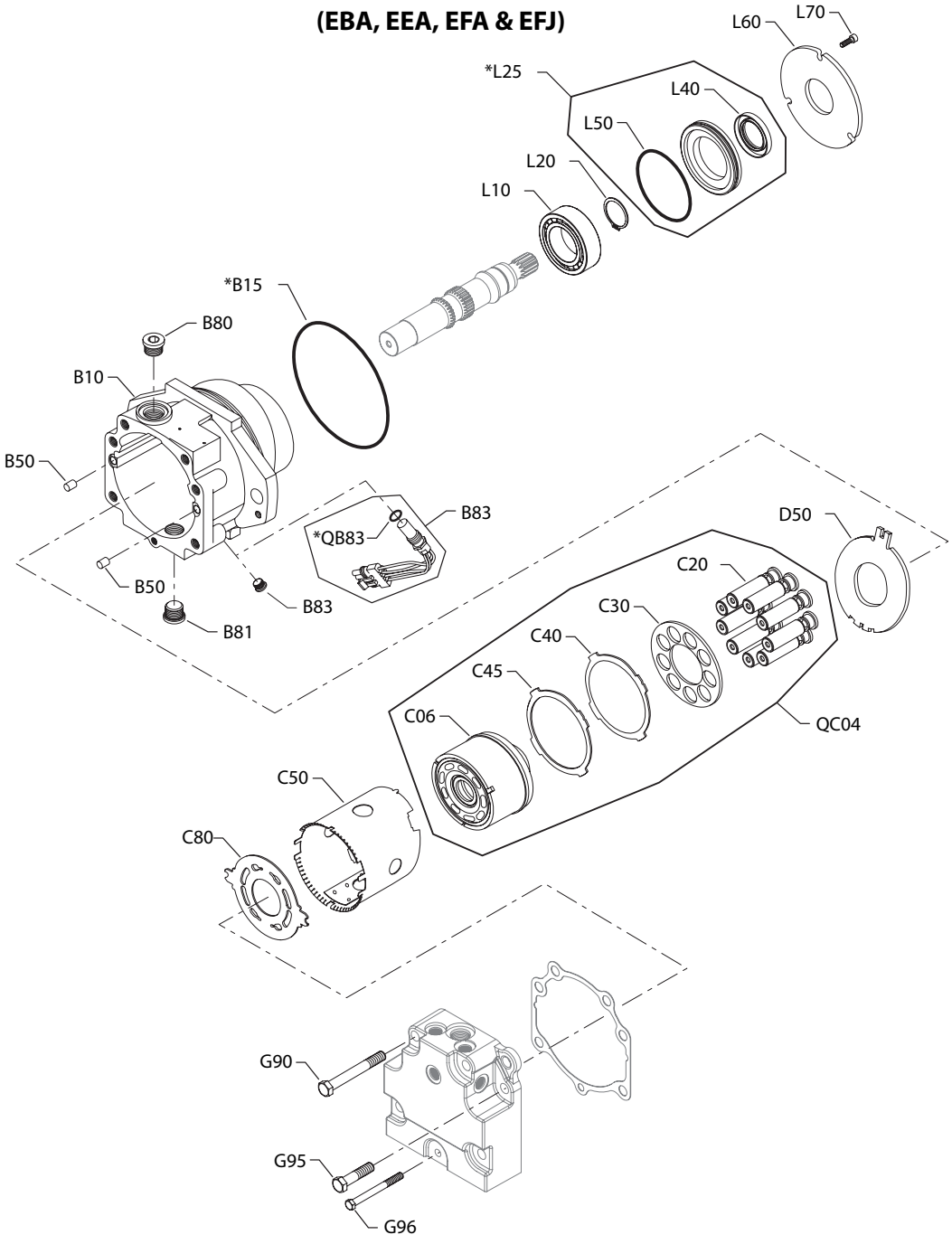
* = included in overhaul seal kit Q210

Common parts

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
B10	92-31		8000264	Housing	1
B15	92-31		729319	O-ring	1
B50	92-31		9004800-3708	Pin	2
B80	92-31		315325 (9005110-8700)	Plug assembly	1
B81	92-31		315325 (9005110-8700)	Plug assembly	1
C30	92-31		11067348	Slipper guide	1
C40	92-31		11057796	Slipper guide retainer	1
C45	92-31		11063827	Slipper guide retainer spacer	1
C50	92-31		8000265	Hold down tube	1
C80	92-31		329748	Valve plate	1
D50	92-31		11136441	Thrust plate	1
G90	92-31		9007210-1216	Screw	4
G95	92-31		675900 (9007210-1209)	Screw	2
G96	92-31		9007210-0816	Screw	1
L10	92-31		5000504	Roller bearing	1
L20	92-31		9006300-0137	Retaining ring	1
L25	92-31		11083637	Seal assembly	1
L40	92-31		11013519	Lip seal	1
L50	92-31		071845 (9004104-1510)	O-ring	1
L60	92-31		11083638	Retainer plate	1
L70	92-31		041160 (9007314-0605)	Screw	3

Special hardware EBA-EFJ

Parts configuration



Note

Generic end cap and gasket used to show part location only

* = included in overhaul seal kit Q210

Order code: EBA

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
QC04	92-31		8510396	Cylinder block kit, w/speed ring	1
C06	92-31		8000336	Cylinder block assembly. w/speed ring	1
C20	92-31		367672	Piston assembly	9
B83	92-31		KPPG13408	Speed sensor	1
QB83	92-31		085043 (9004201-3700)	O-ring	1

Order code: EEA

QC04	92-31		8510396	Cylinder block kit, w/speed ring	1
C06	92-31		8000336	Cylinder block assembly. w/speed ring	1
C20	92-31		367672	Piston assembly	9
B83	92-31		140644	Plug assembly	1

Order code: EFA

QC04	87-02		8510396	Cylinder block kit, w/speed ring	1
C06	87-02		8000336	Cylinder block assembly. w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG136	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1

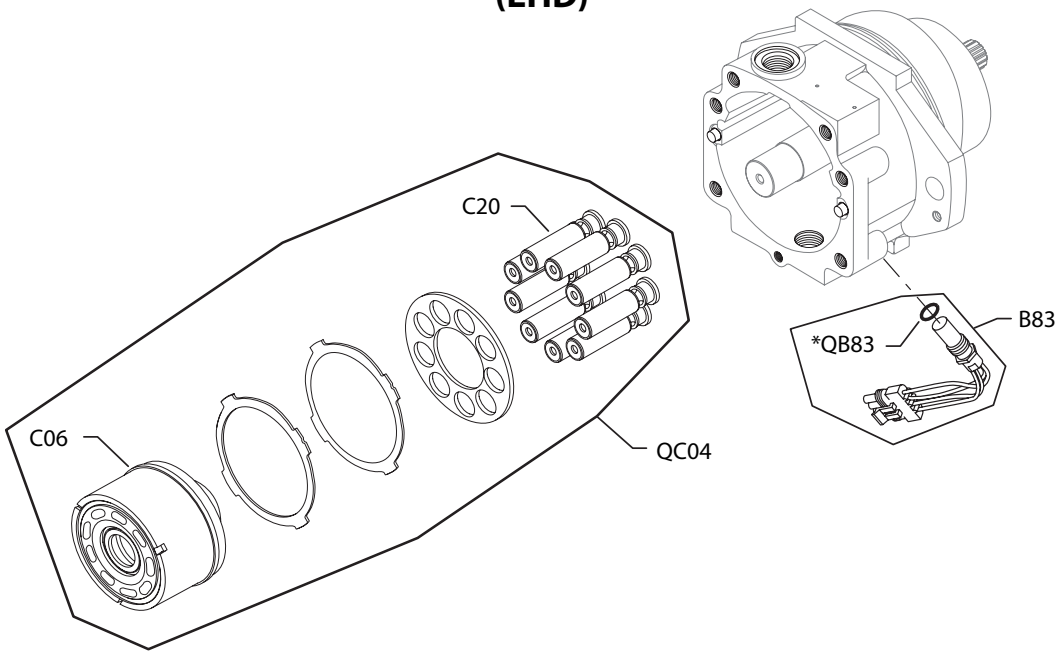
Order code: EFJ

QC04	87-02		8510396	Cylinder block kit, w/speed ring	1
C06	87-02		8000336	Cylinder block assembly. w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG176	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1

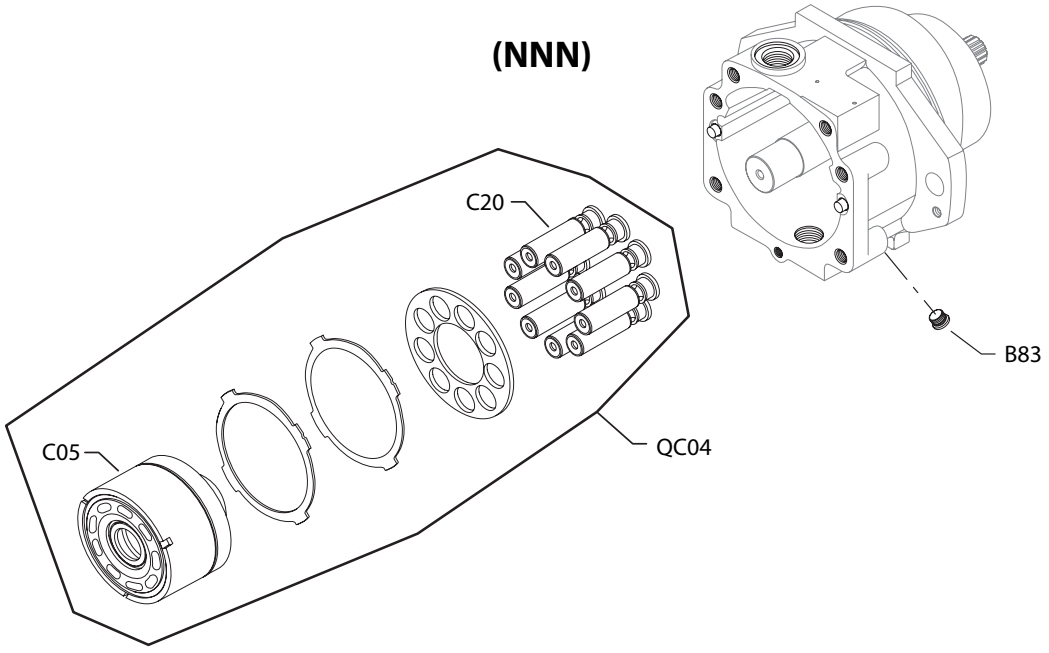
Special hardware EGH-NNN

Parts configuration

(EHD)



(NNN)



* = included in overhaul seal kit Q210

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Order code: EGH

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
QC04	15-33		8510396	Cylinder block kit, w/speed ring	1
C06	15-33		8000336	Cylinder block assembly. w/speed ring	1
C20	15-33		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	15-33		KPPG13703	Speed sensor	1
QB83	15-33		085043 (9004201-3700)	O-ring	1

Order code: EHD

QC04	87-02		8510396	Cylinder block kit, w/ speed ring	1
C06	87-02		8000336	Cylinder block assembly. w/speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		KPPG16408	Speed sensor	1
QB83	87-02		085043 (9004201-3700)	O-ring	1

Order code: JAG

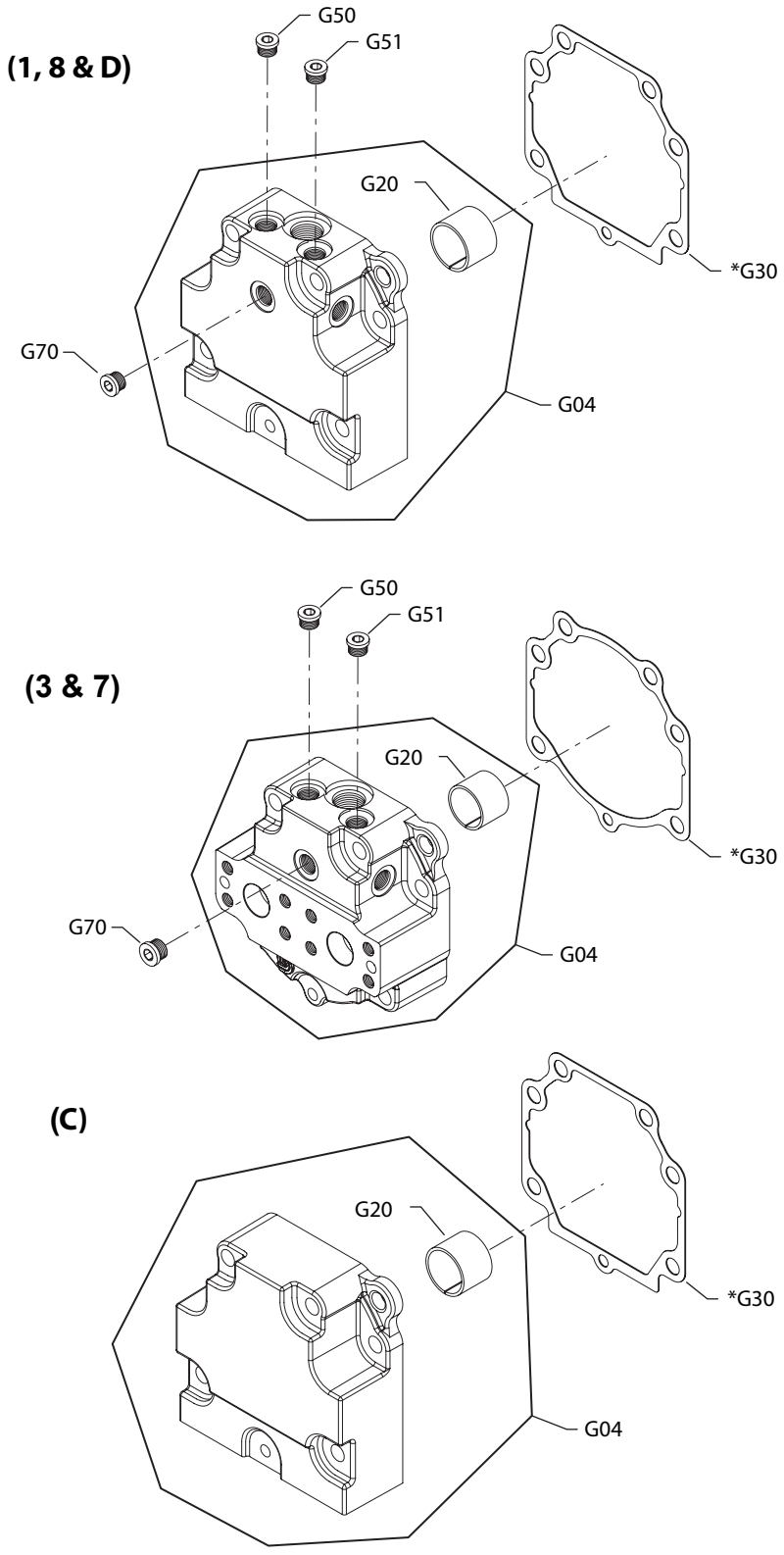
QC04	12-35		8510361	Cylinder block kit, w/o speed ring	1
C05	12-35		8000128	Cylinder block assembly. w/o speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	12-35		140644	Plug assembly	1

Order code: NNN

QC04	87-02		8510361	Cylinder block kit, w/o speed ring	1
C05	87-02		8000128	Cylinder block assembly. w/o speed ring	1
C20	87-02		367672	Piston assembly (*SB-1988-023 (piston improvement)*)	9
B83	87-02		140644	Plug assembly	1

End Cap 1-D

Parts configuration



* = included in overhaul seal kit Q210

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Order code: 1

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
G04	92-31	15-26	8000785 (8000594)	End cap assembly, twin ports	1
G20	92-31	15-26	11017371 (8700018)	Journal bearing	1
G30	92-31	15-26	8000720	End cap gasket	1
G50	92-31	15-26	140644	Plug assembly	1
G51	92-31	15-26	140644	Plug assembly	1
G70	92-31	15-26	140644	Plug assembly	1

Order code: 3

G04	92-31	15-26	8000788 (8000595)	End cap assembly, axial ports	1
G20	92-31	15-26	11017371 (8700018)	Journal bearing	1
G30	92-31	15-26	8000721	End cap gasket	1
G50	92-31	15-26	140644	Plug assembly	1
G51	92-31	15-26	140644	Plug assembly	1
G63	92-31	15-26	314179 (8700074)	Split clamp (code 61 hose)	4
G70	92-31	15-26	140644	Plug assembly	1

Order code: 7

G04	92-31		8000788 (8000595)	End cap assembly, axial ports	1
G20	92-31		11017371 (8700018)	Journal bearing	1
G30	92-31		8000721	End cap gasket	1
G50	92-31		140644	Plug assembly	1
G51	92-31		140644	Plug assembly	1
G70	92-31		140644	Plug assembly	1

Order code: 8

G04	92-31		8000785 (8000594)	End cap assembly, twin ports	1
G20	92-31		11017371 (8700018)	Journal bearing	1
G30	92-31		8000720	End cap gasket	1
G50	92-31		140644	Plug assembly	1
G51	92-31		140644	Plug assembly	1
G70	92-31		140644	Plug assembly	1

Order code: C

G04	94-19	15-22	8000786 (8000346)	End cap assembly, twin ports, without loop flushing	1
G20	94-19	15-22	11017371 (8700018)	Journal bearing	1
G30	94-19	15-22	8000720	End cap gasket	1

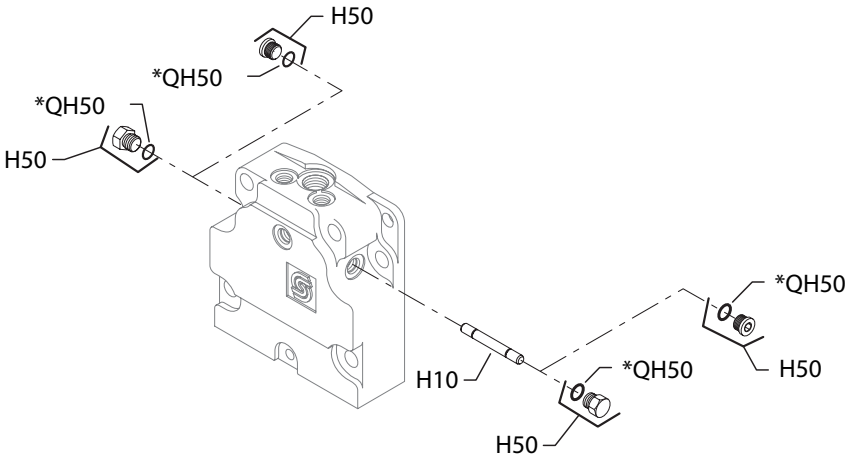
Order code: D

G04	92-31		8000787 (8000593)	End cap assembly, twin metric ports	1
G20	92-31		11017371 (8700018)	Journal bearing	1
G30	92-31		8000720	End cap gasket	1
G50	92-31		140644	Plug assembly	1
G51	92-31		140644	Plug assembly	1
G70	92-31		140644	Plug assembly	1

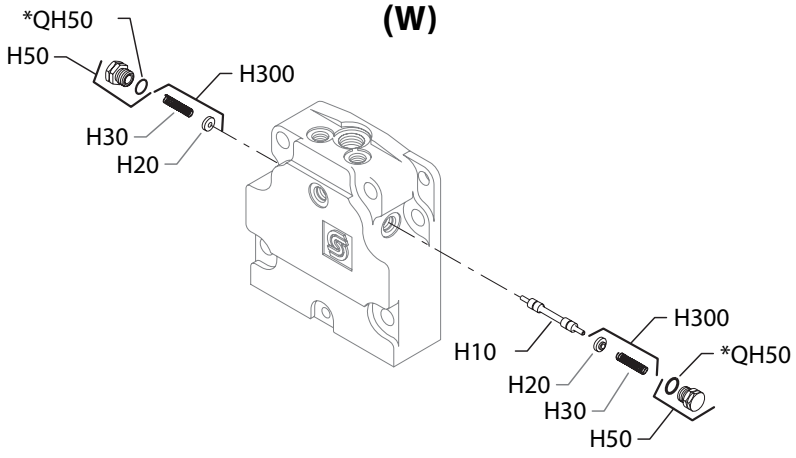
Loop flushing N-X

Parts configuration

(N)



(W)



Generic end cap used to show part location only

* = included in overhaul seal kit Q210

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Order code: N

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
H10	89-38		740944 (8800668)	Loop flushing spool, defeated	1
H10	87-02	89-37	308486 (8800021)	Loop flushing spool, defeated (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	1
H50	87-02		140644	Plug assembly	2
QH50	87-02		085043 (9004201-3700)	O-ring	2

Order code: W

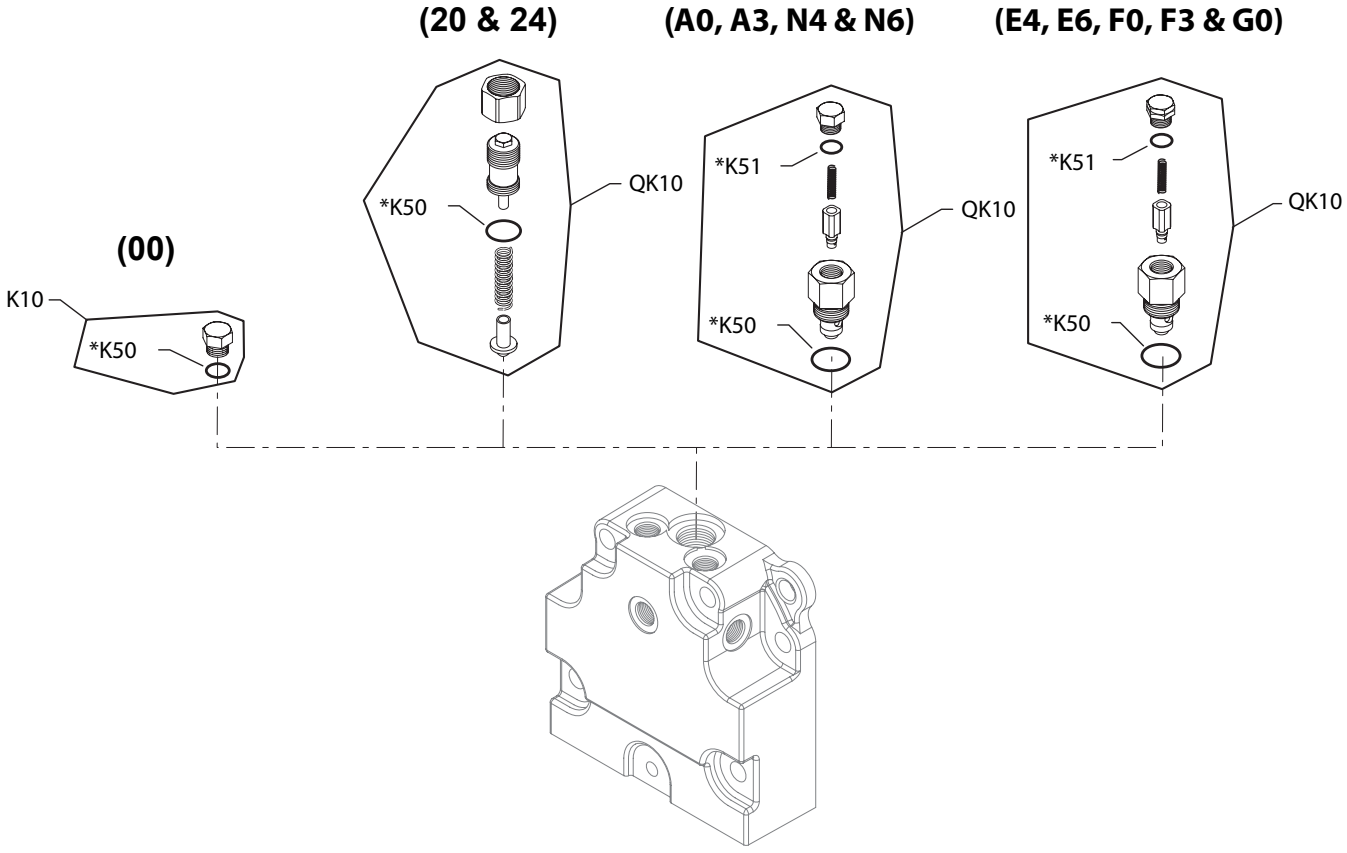
H10	89-38		365544 (8800550)	Shuttle spool	1
H10	87-02	89-37	674473 (8800069)	Loop flushing spool, defeated (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	1
H20	87-02	89-37	674481 (8800265)	Spring guide (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	2
H30	87-02	89-37	8800067	Spring (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	2
H50	89-38		518016	Plug assembly	2
H50	87-02	89-37	674507 (9005475-0069)	Plug assembly (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	2
H300	89-38		513596	Spring guide assembly (*SB-2000-047 (loop flushing spring and spring seat)*)	2
QH50	87-02		085043 (9004201-3700)	O-ring	2

Order code: X

	97-28		None		

Charge pressure setting 00-NN

Parts configuration



Note

Generic end cap used to show part location only

* = included in overhaul seal kit Q210

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Order code: 00

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
K10	89-44		9005100-8700	Plug assembly	1
K50	89-44		001149 (9004201-6200)	O-ring	1

Order code: 20-24

QK10	90-20		8510012	Adjustable charge relief valve kit (*SB-1989-020 (end cap, loop flushing, and adding adjustable cprv)*)	1
K50	90-20		001149 (9004201-6200)	O-ring	1

Order code: A0

QK10	98-19		8510253	Cartridge CPRV kit, 13 bar, 11 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

Order code: A3

QK10	98-19		8510256	Cartridge CPRV kit, 13 bar, 16 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

Order code: E4

QK10	98-19		8510261	Cartridge CPRV kit, 16 bar, 4 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

Order code: E6

QK10	98-19		8510252	Cartridge CPRV kit, 16 bar, 7 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

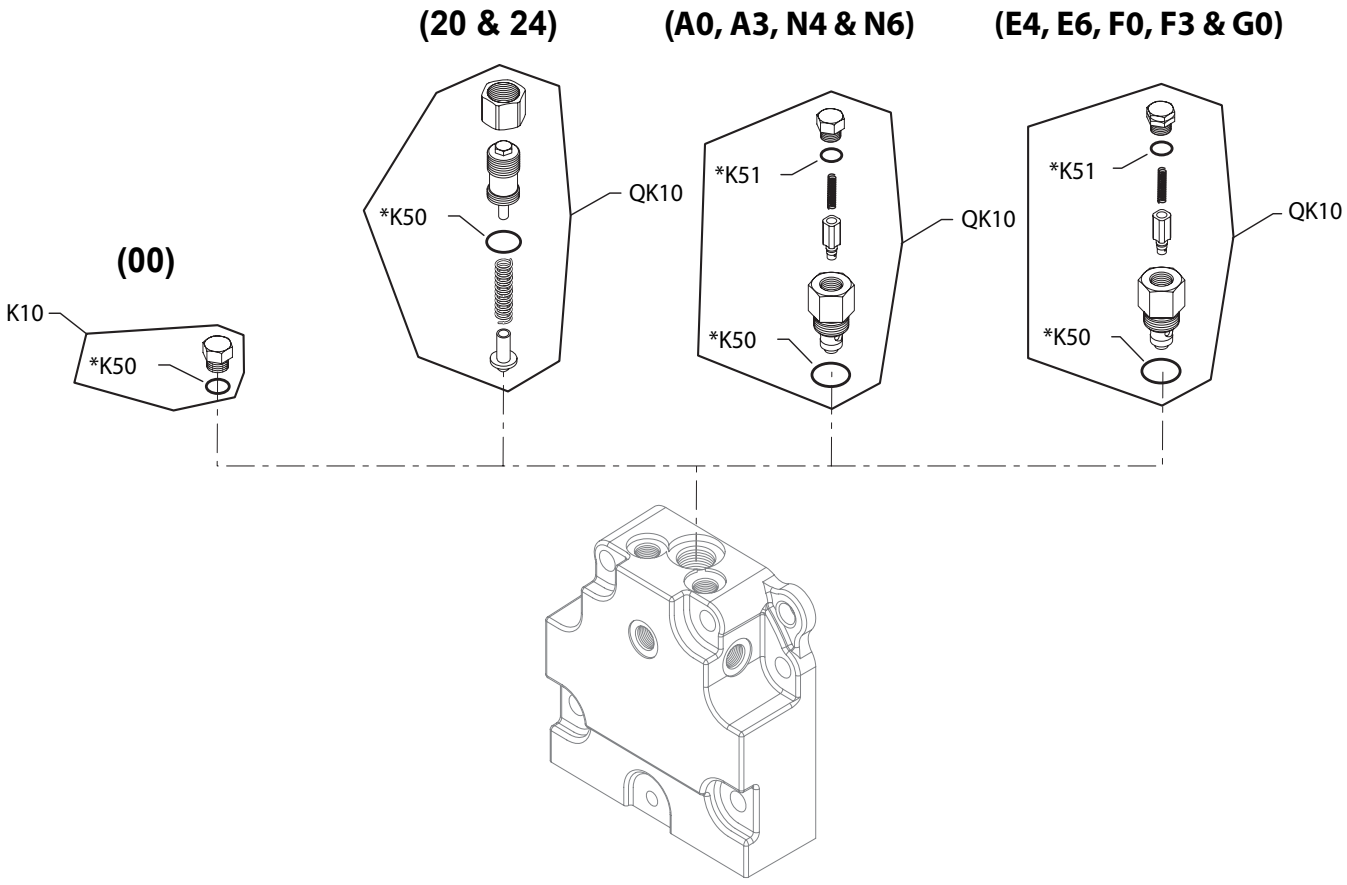
Order code: F0

QK10	98-19		8510259	Cartridge CPRV kit, 16 bar, 11 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

Order code: F3

QK10	98-19		8510262	Cartridge CPRV kit, 16 bar, 16 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

Parts configuration



Note

Generic end cap used to show part location only

* = included in overhaul seal kit Q210

Order code: G0

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
QK10	98-19		8510262	Cartridge CPRV kit, 16 bar, 22 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

Order code: N4

QK10	98-19		8510255	Cartridge CPRV kit, 13 bar, 4 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

Order code: N6

QK10	98-19		11097072	Cartridge CPRV kit, 13 bar, 7 L/min	1
K50	98-19		001149 (9004201-6200)	O-ring	1
K51	98-19		085043 (9004201-3700)	O-ring	2

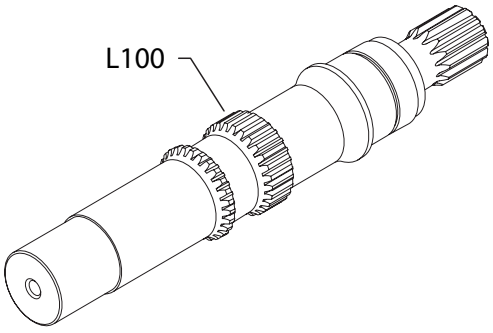
Order code: NN

			None		

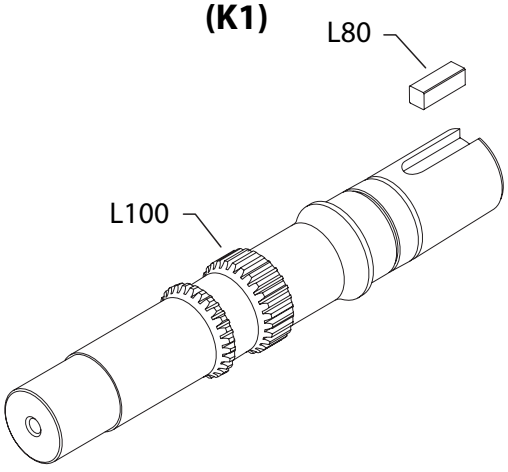
Shaft C6-T1

Parts configuration

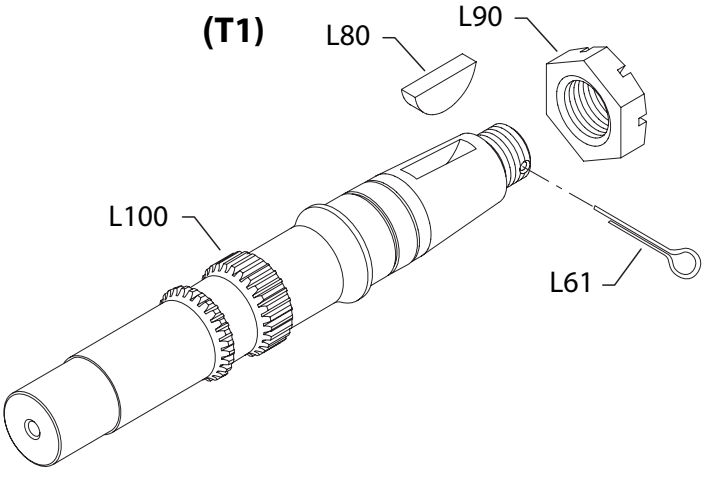
(C6 & S1)



(K1)



(T1)



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Order code: C6

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
L100	87-02		8000825	Shaft, 21 tooth spline	1

Order code: K1

L100	87-02		11014512	Shaft, straight key	1
L80	87-02		9003261-3124	Key, .3125 x 1.5	1

Order code: S1

L100	87-02		11012275	Shaft, 14 tooth spline	1

Order code: T1

L100	87-02		11012276	Shaft, tapered	1
L61	87-02		9004600-1230	Cotter pin	1
L80	87-02		9003310-3724	Woodruff key, .3730 x 1.5	1
L90	87-02		5000606	Slotted nut	1

Overhaul seal kit

Item	Date begin	Date end	Part number	Part name	Qty. per model/kit
Q210	87-02		11134053	Overhaul seal kit, 90K/M055	1
B15	87-02		729319	O-ring	1
G30	87-02		8000720	End cap gasket, cartridge	1
G30	87-02		8000721	End cap gasket	1
K50	89-38		01149 (9004201-6200)	O-ring, .755 x .097 nitrile, 90D	1
K51	89-38		085043 (9004201-3700)	O-ring, .468 x .078 nitrile, 90D	1
L25	87-02		11083637	Seal carrier assembly	1
QB83	87-02		085043 (9004201-3700)	O-ring, .468 x .078 nitrile, 90D	1
QH50	87-02		085043 (9004201-3700)	O-ring, .468 x .078 nitrile, 90D	2

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Service bulletins

Service Bulletin: SB-1988-023

Products affected

Series 90 pumps and motors

Subject

Piston improvement

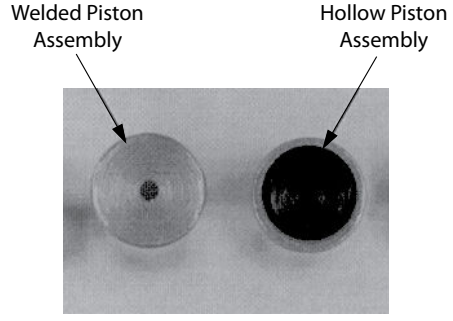
Description

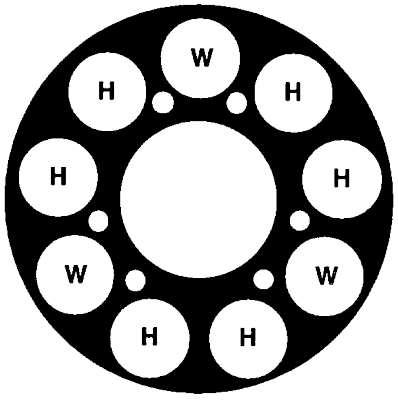
Product Information Bulletin PIB-8801 (March, 1988) announced the incorporation of fabricated (welded) piston assemblies, replacing non-fabricated (hollow) piston assemblies, in the cylinder blocks of all Series 90 pumps and motors. This change increases the overall efficiency of the Series 90 product line.

To simplify service parts inventory for all Series 90 units, only individual welded piston assemblies will be available as spare parts. The hollow pistons will be obsoleted. Part numbers for individual welded piston assemblies are listed in this bulletin.

Since all Series 90 pumps and motors have nine (9) pistons, welded pistons being used to replace hollow pistons during repair MUST be install in the cylinder block symmetrically, in multiples of three (3).

SB-1988-023





Models affected

All series 90 pumps and motors: 93-xxxx, 94-xxxx, 95-xxxx, and 96-xxxx pumps

Serial numbers

Welded pistons will be incorporated into all series 90 pumps and motors by the end of the first quarter of 1998.

Part numbers affected

Part number	Description
706101	Piston assembly, welded - 42 cc
367672	Piston assembly, welded - 55 cc
708230	Piston assembly, welded - 75 cc
364000	Piston assembly, welded - 100 cc

Parts disposition

Interchangeable

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SB-1989-020

Products affected

Series 90 fixed displacement motors

Subject

Incorporation of adjustable charge relief valve

Description

As a product improvement, Sauer-Danfoss is incorporating an externally adjustable charge relief valve on all series 90 fixed displacement motors. This design replaces the previous shimmed relief valve. The new design valve provides a range of pressure adjustment from 10 to 32 bar.

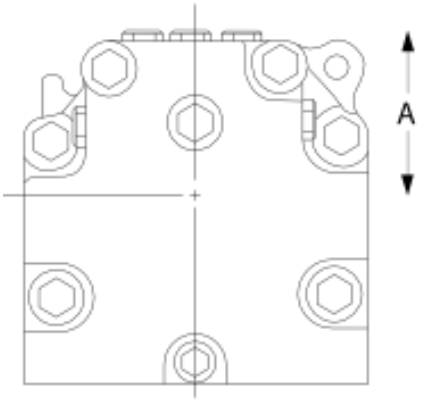
The diameter of the loop flushing shuttle spool increases from .25" (6.35mm) to .375" (9.53mm) at the same incorporation date as the charge relief valve change.

This is a non-interchangeable change. Adjustable style charge relief valves can not be added to motors manufactured before this incorporation date. Old style end caps, which house the charge relief and loop flushing valves, will not be available as service parts. If new end caps are required, new style charge relief and loop flushing parts must also be installed.

Charge relief valve adjustment procedures can be found in the Series 90 Service Manual (BLN- 9947 Rev. B). Charge pressure increases/decreases at the rate of 78 psi (5.4 bar) per turn clockwise/ counterclockwise.

The new style charge relief plug protrudes from the motor end cap approximately .63" (16mm) farther than the shimmed design. New dimensions from the center line to the top of the charge relief valve plug are shown below.

SB-1989-020 a



	Dimension A	
Size	**Non-adjustable**	**Adjustable (New)**
55 cc	3.24" (82.3mm)	3.87" (98.3mm)
75 cc	3.50" (88.9mm)	4.13" (105mm)
100cc	3.64" (92.5mm)	4.27" (108.5mm)

Models affected

All 94-3xxx, 95-3xxx, and 96-3xxx fixed displacement motors

Serial numbers affected

All 55 cc motors (94-3xxx) will change at s/n A-89-38-xxxxx

All 75 cc motors (95-3xxx) will change at s/n A-89-44-xxxxx

All 100 cc motors (96-3xxx) will change at s/n A-90-20-xxxxx

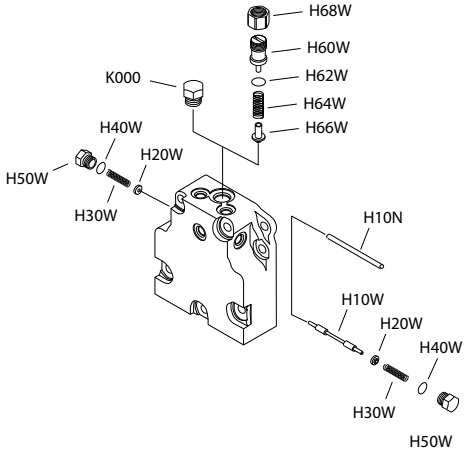
Part numbers affected

Charge relief and loop flushing hardware for old vintage motors can be found in the Series 90 Service Parts Manual (520L0890). The new part numbers are as follows:

New charge relief and loop flushing hardware

Item	Part number	Description	Qty
K90	9003575-0101	Nut	1
K10	8800488-1000	Plug assembly	1
K50	9004201-6200	O-ring	1
K70	8800476	Spring	1
K80	8800449	Poppet	1
K000	9005100-8700	Plug assembly	1
H10W	8800550	Shuttle valve spool	1
H20W	8800551	Washer	2
H30W	364950	Spring	2
H40W	9004201-3700	O-ring	2
H50W	9005475-0097	Plug assembly	2
H10N	8800552	Loop flushing spool, defeated	1

SB-1989-020 b



New end caps

Part number	Description
8000196	Twin port - 55 cc
8000197	Axial port - 55 cc
8100373	Twin port - 75 cc
8100374	Axial port - 75 cc
8200188	Twin port - 100 cc
8200189	Axial port - 100 cc

Parts disposition

Non-interchangeable

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Service Bulletin: SB-1994-015

Products affected

Series 90 55 cc variable motors

Subject

Swashplate and pivot arm change

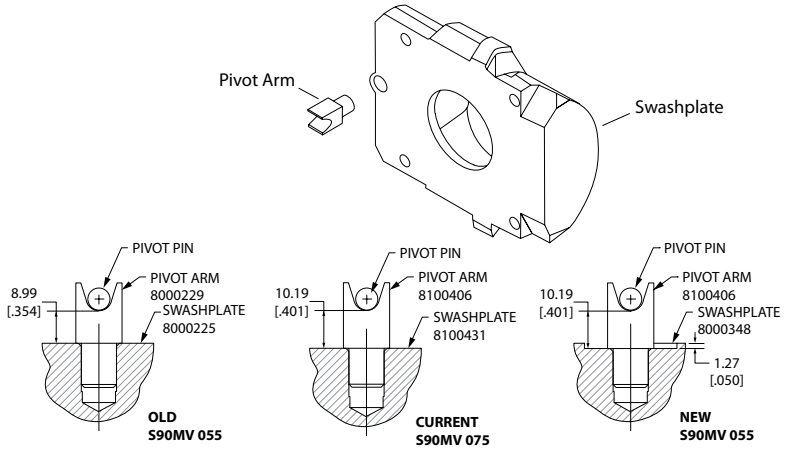
Description

Danfoss is changing the design of the 55 cc variable motor swash plate to allow for a common pivot arm to be used for both the 55 cc and the 75 cc variable motor.

The accompanying figures show the current configuration of the swash plate pivot arm and pivot pin for the 55 and 75 frame sizes respectively. The only difference between the two pivot arms is their length.

The new design for the 55 cc moves the difference in dimensions from the pivot arm to the swash plate, which allows a common pivot arm to be used for both 55 and 75 frame sizes.

The old style swashplate and pivot arm will be obsoleted and will not be available as service parts. The new and old style swash plates and pivot arms are not interchangeable as individual parts. If either of these parts must be replaced during repair, both a new style swash plate and pivot arm must be installed.



Models affected

All 94-4xxx and 944xxx variable motors

Serial numbers

A-94-51-xxxxx

Part numbers affected

Frame size	Old swashplate	Old pivot arm	New swashplate	New pivot arm
55cc	8000225	8000229	8000348	8100406
75cc	8100431	8100406	No change	No change

Parts disposition

Interchangeable-If BOTH swash plate and hold down arm are changed.

SB-1998-007

Products affected

Series 90 55cc, 75cc, and 100cc fixed displacement motors, and 55cc and 75cc variable displacement motors

Subject

Charge relief seat

Description

Sauer-Danfoss has initiated a change to the end caps used on series 90 55cc, 75cc, and 100cc fixed displacement motors, and the series 90 55cc and 75cc variable displacement motors.

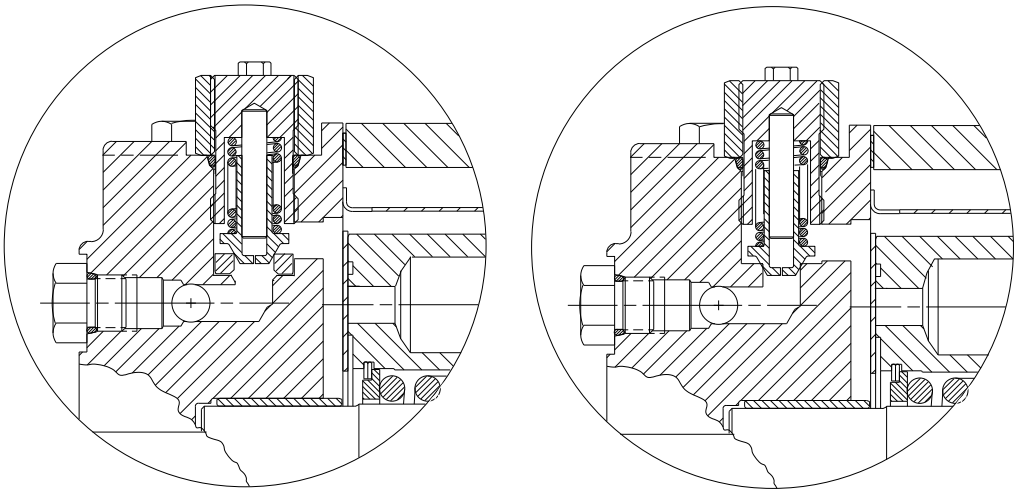
Currently, the end caps used on these motors contain a pressed in insert, which serves as a seat for the charge pressure relief valve assembly. The insert was originally introduced to provide a suitable wear surface for the charge pressure relief valve poppet.

Since the original design, a number of changes to the charge pressure relief valve design have reduced the severity of the wear characteristics between the poppet and relief seat. These changes have now made it possible to remove the insert from the end cap assembly. The design of the motor end cap has been modified in a manner that allows the charge relief poppet to seat directly against the casting machined surface.

The removal of the insert was initially introduced with the series 90 130cc motors in 1995, and with this change a more uniform product family is achieved.

To aid in identifying and tracking this change, Sauer-Danfoss has released new end cap part numbers. The new end cap is directly interchangeable with the previous end cap and with adjustable charge pressure relief valve components. The previous end cap part numbers will no longer be available as service parts. Page 2 of this bulletin provides part number cross-reference information.

SB-1998-007



Models affected

All 94-3xxx, 943xxxx, 95-3xxx, 953xxxx, 96-3xxx, and 963xxxx fixed displacement motors

All 94-4xxx, 944xxxx, 95-4xxx, 954xxxx variable displacement motors

Serial numbers affected

Change became effective with s/n A-98-34-xxxxx and beyond

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Part numbers affected

Motor type	Displacement	Order code	Porting	Split flange thread	Prior to 98-34	Current
Fixed	55 cc	D	Twin	Metric	8000417	8000593
Fixed	55 cc	1 & 8	Twin	English	8000196	8000594
Fixed	55 cc	3 & 7	Axial	English	8000197	8000596
Variable	55 cc	R	Twin	Metric	8000356	8000598
Variable	55 cc	1 & 8	Twin	English	8000335	8000599
Fixed	75 cc	D	Twin	Metric	8100576	8100731
Fixed	75 cc	1 & 8	Twin	English	8100373	8100733
Fixed	75 cc	3 & 7	Axial	English	8100374	8100734
Variable	75 cc	1 & 8	Twin	English	8100442	8100737
Fixed	100 cc	E	Twin	English	8200319	8200407
Fixed	100 cc	1 & 8	Twin	English	8200188	8200408
Fixed	100 cc	3 & 7	Axial	English	8200189	8200409

Parts disposition

Interchangeable

SB-2000-047

Products affected

Series 90 42cc, 55cc, 75cc, and 100cc fixed displacement motors, and 55cc and 75cc variable displacement motors

Subject

Loop flushing spring and spring seat change

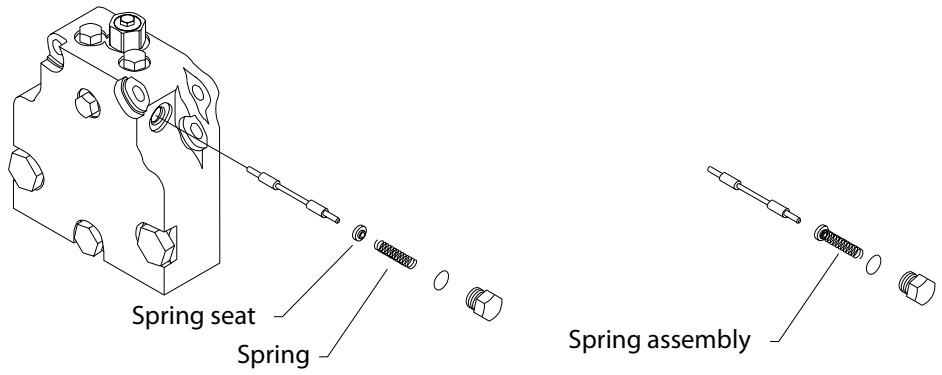
Description

As a product improvement, Sauer-Danfoss has changed the design of the spring and spring seat for the series 90 42cc, 55cc, 75cc, and 100cc fixed and variable displacement motors. The old design used a separate spring and spring seat. The new design incorporates the two parts into a one piece assembly. This makes the assembly of the spring and spring seat onto the spool much easier than the previous design.

Since the new spring assembly has a high spring rate than the previous spring, this is an interchangeable change only if both springs and spring seats are replaced at the same time.

Sauer-Danfoss has issued a new part number for the spring assembly. The previous spring seat and spring remain valid service parts since they are used on other Sauer-Danfoss products.

SB-2000-047



Old design

New design

Models affected

All 93-3xxx, 933xxxx, 94-3xxx, 943xxxx, 95-3xxx, 953xxxx, 96-3xxx, and 963xxxx fixed displacement motors with loop flushing options of A, B, or C.

All 94-4xxx, 944xxxx, 95-4xxx, and 954xxxx variable displacement motors with loop flushing options of A, B, or C.

Serial numbers

Sauer-Danfoss Ames, la production - Change effective at s/n A-02-03-xxxxx.

Sauer-Danfoss Neumunster, Germany production - Change effective at s/n N-01-08-xxxxx..

Part numbers affected

Previous spring seat	Previous spring	New spring assembly
8800551	4350286	513596

Parts disposition

Interchangeable

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SB-2004-015

Products affected

Series 90 55cc and 75cc fixed displacement motors

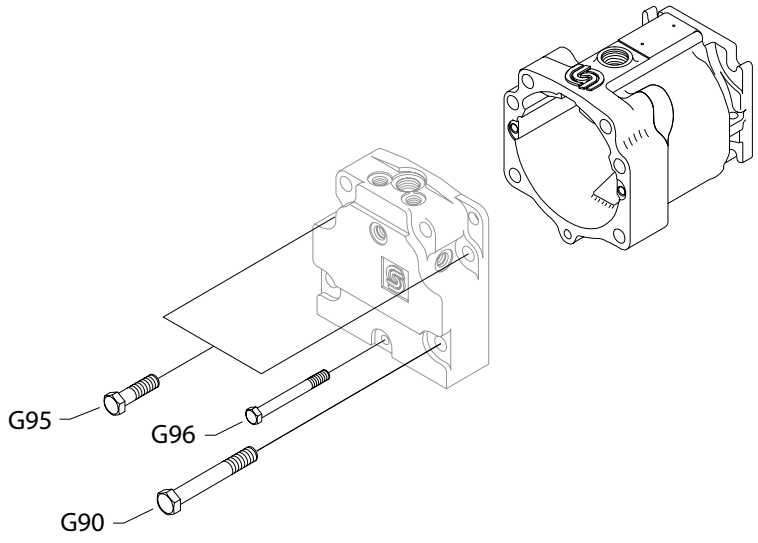
Subject

Housing change to accept long screws

Description

Sauer-Danfoss has changed the housing used in series 90 55cc and 75cc fixed displacement motors. Material was added at the area of the two shorter end cap mounting screws (G95). The hole for these screws is now deeper to accept the longer screw (G90) that is used for the other four large end cap mounting screws. The six larger screws will have the same stretch and therefore the same clamping force for the gasket sealing area. The small end cap mounting screw (G96) remains the same. The old housing will become obsolete and no longer available for service.

SB-2004-015



Models affected

All 94-3xxx, 943xxxx, 95-3xxx, and 953xxxx fixed displacement motors.

Serial numbers

Sauer-Danfoss Ames, Ia production - Change effective on 55 cc at s/n A-05-22-xxxxx. and 75 cc at s/n A-04-51-xxxxx

Sauer-Danfoss Neumunster, Germany production - Change effective on 55 cc at s/n N- 04-47-xxxx and 75 cc at s/n N-04-43-xxxxx

Part numbers affected

Description	Old part number	New part number
55 cc housing	8000436	8000782
75 cc housing	8100465	8100965
Screw	9007210-1209	9007210-1216

Parts disposition

Non-interchangeable

Hydro-Gear
www.hydro-gear.com

Daikin-Sauer-Danfoss
www.daikin-sauer-danfoss.com

Explore our solutions at *danfoss.com*.

Additional product literature is available at *powersource.danfoss.com*.

Danfoss
Power Solutions (US) Company
2800 East 13th Street
Ames, IA 50010, USA
Phone: +1 515 239 6000

Danfoss
Power Solutions GmbH & Co. OHG
Krokamp 35
D-24539 Neumünster, Germany
Phone: +49 4321 871 0

Danfoss
Power Solutions ApS
Nordborgvej 81
DK-6430 Nordborg, Denmark
Phone: +45 7488 2222

Danfoss
Power Solutions Trading
(Shanghai) Co., Ltd.
Building #22, No. 1000 Jin Hai Rd
Jin Qiao, Pudong New District
Shanghai, China 201206
Phone: +86 21 2080 6201

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