

CATERPILLAR H180DS

BXP / SEBP3649

Contents

Section	Page
Basic engine	2
Hydraulic system	3
Cooling system	
Hydraulic system	
Hydraulic system	

249-1238 LUBRICATION AR-AUTOMATIC

249-1238 LUBRICATION AR-AUTOMATIC FIELD INSTALLATION

Arrangement composition. Follow the table links to the component drawings.

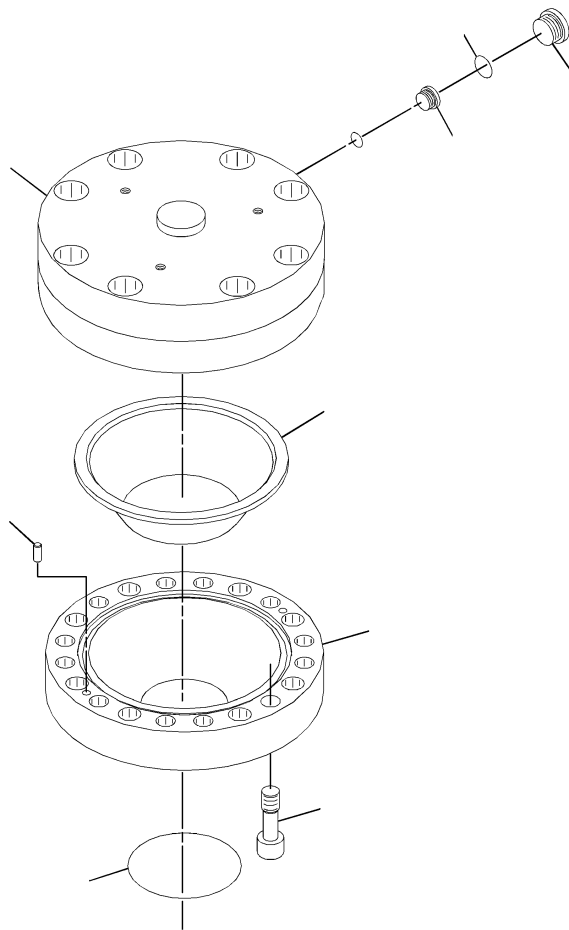
Ref.	Part number	Description	Qty	Code	Group page
	095-9806	BOLT-SOCKET HEAD (M16X2X80-MM)	2	M	
	317-8491	CARTRIDGE-GREASE	1		
	249-1245	HOSE-HYDRAULIC	2	I	
	249-1247	HOSE-HYDRAULIC	1		
	9X-8257	WASHER (17.5X30X3.5-MM THK)	2		

CAT codes: I, M.

212-5693 ACCUMULATOR GP-HYDRAULIC

212-5693 ACCUMULATOR GP-HYDRAULIC S/N BXF1-UP; BXP1-UP PART OF 208-0740, 221-1554 HAMMER GP-HYDRAULIC Type 1

Drawing 1 of 1



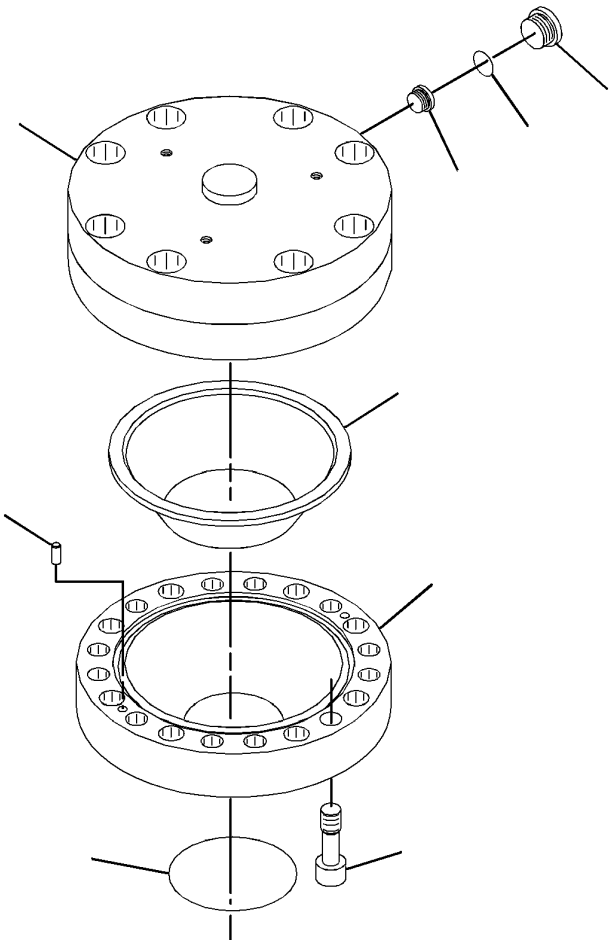
Ref.	Part number	Description	Qty	Code	Group page
1	209-7383	PLUG AS	1		
	3J-7354	SEAL-O-RING	1		
2	3K-0360	SEAL-O-RING	1		
3	3Q-7820	SEAL	1		
4	3Q-7823	SCREW-HEX SOCKET (M27X2X81.5-MM)	11	M	
5	8T-7942	DOWEL	2		
6	9S-8005	PLUG (3/4-16-THD)	1		
7	185-0734	BASE	1		
8	185-0743	DIAPHRAGM	1		
9	209-7376	COVER	1		

CAT codes: M.

212-5693 ACCUMULATOR GP-HYDRAULIC

212-5693 ACCUMULATOR GP-HYDRAULIC S/N BXF1-UP; BXP1-UP PART OF 208-0740, 221-1554 HAMMER GP-HYDRAULIC Type 2

Drawing 1 of 1



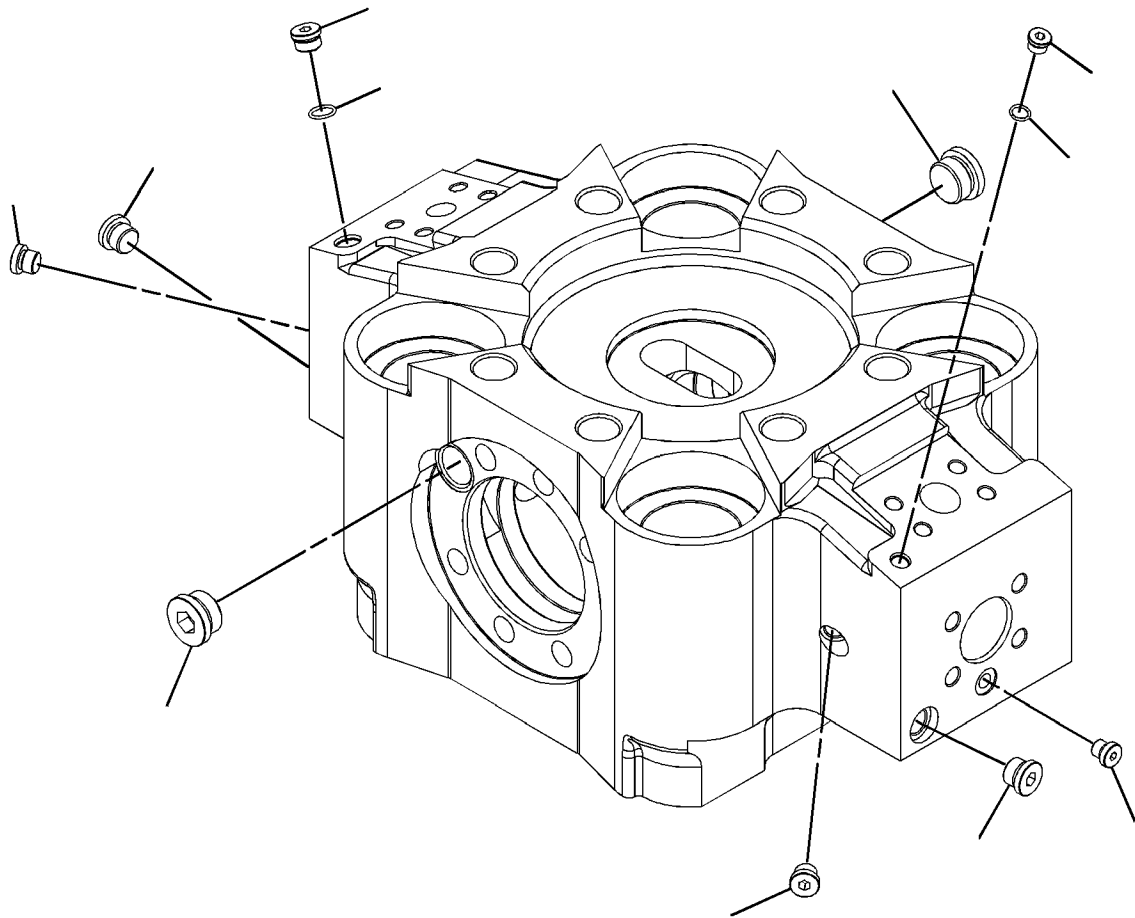
Ref.	Part number	Description	Qty	Code	Group page
1	3K-0360	SEAL-O-RING	1		
2	3Q-7820	SEAL	1		
3	3Q-7823	SCREW-HEX SOCKET (M27X2X81.5-MM)	11	CM	
4	8T-7942	DOWEL	2		
5	9S-8005	PLUG (3/4-16-THD)	1		
6	185-0734	BASE	1		
7	185-0743	DIAPHRAGM	1		
8	209-7376	COVER	1		
9	209-7383	PLUG AS	1		
	3J-7354	SEAL-O-RING	1		

CAT codes: C, M.

221-1556 BODY GP-VALVE

221-1556 BODY GP-VALVE S/N BXP1-UP PART OF 257-3402 VALVE GP-CONTROL

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	3J-1907	SEAL-O-RING	1		
2	3K-0360	SEAL-O-RING	1		
3	3Q-7347	PLUG	2		
4	3Q-7711	PLUG	2		
5	3Q-7715	PLUG	2		
6	3Q-7771	PLUG	1		
7	9S-8004	PLUG (9/16-18-THD)	1		
8	9S-8005	PLUG (3/4-16-THD)	1		

311-1995 CHART-CONNECTING LINES

311-1995 CHART-CONNECTING LINES AN ATTACHMENT

Drawing 1 of 3

NORTH AMERICA, LATIN AMERICA AND ASIA PACIFIC					
MACHINE	SALES MODEL	LINKAGE OR STICKAUX TUBE LOCATION	H115 S	/H120C S	H130 S
SERIAL # RANGE					
EXCAVATOR SERIES	R	SIDE MOUNTED			
	M312	SIDE MOUNTED			
		SIDE MOUNTED			
		SIDE MOUNTED			
	M315/M315C/M316C	SIDE MOUNTED			
		SIDE MOUNTED			
		SIDE MOUNTED			
	M318/M318C	SIDE MOUNTED			
	M320	SIDE MOUNTED			
		SIDE MOUNTED			
		SIDE MOUNTED			
		TOP MOUNTED			
	R/320D	SIDE MOUNTED			
		SIDE MOUNTED			
		SIDE MOUNTED			
		TOP MOUNTED			
		SIDE MOUNTED			
	M322C				
		SIDE MOUNTED			
		TOP MOUNTED			
		SIDE MOUNTED			
		TOP MOUNTED			
		SIDE MOUNTED			
		SIDE MOUNTED			
		TOP MOUNTED			
		SIDE MOUNTED			
		TOP MOUNTED			
		SIDE MOUNTED			
		SIDE MOUNTED			
		TOP MOUNTED			
		SIDE MOUNTED			
		SIDE MOUNTED			

311-1995 CHART-CONNECTING LINES (continued)

Drawing 2 of 3

NORTH AMERICA, LATIN AMERICA AND ASIA PACIFIC					
MACHINE	SALES MODEL	LINKAGE OR STICK AUX TUBE LOCATION	140/H140/ H140 S	H140C S/ H140D S	160/H160/ H160 S
SERIAL # RANGE			4SL0-UP	BED0-UP/ BxB0-UP	4TL0-UP
EXCAVATOR SERIES	312/312B/312C/314C CR	SIDE MOUNTED			
	M312	SIDE MOUNTED			
		SIDE MOUNTED			
	315B/315C	SIDE MOUNTED			
	M315/M315C/M316C	SIDE MOUNTED			
	317/317B	SIDE MOUNTED			
	318/318B/318C	SIDE MOUNTED			
	M318/M318C	SIDE MOUNTED			
	M320	SIDE MOUNTED			
		SIDE MOUNTED			
	320B	SIDE MOUNTED			
		TOP MOUNTED			
	320C/321C CR/320D	SIDE MOUNTED			
		SIDE MOUNTED			
	322B	SIDE MOUNTED			
		TOP MOUNTED			
	325C/325D	SIDE MOUNTED			
	M322C				
		SIDE MOUNTED	1-8379		
		TOP MOUNTED	- 16		
	325B	SIDE MOUNTED	-0118	-6093	
		TOP MOUNTED	-6216	-4073	
	325C/325D	SIDE MOUNTED	-0118	-6093	
		SIDE MOUNTED			-0118
		TOP MOUNTED	-621	143-4073	-6216
	330B	SIDE MOUNTED	-0118	-6093	-0118
		TOP MOUNTED	-6216	-4073	-6216
	330C/330D	SIDE MOUNTED	-0118	-6093	
					-0118
	345B	SIDE MOUNTED			
		TOP MOUNTED			-6216
	345C	SIDE MOUNTED			
	365B/365B SERIES II	SIDE MOUNTED			
		SIDE MOUNTED			

311-1995 CHART-CONNECTING LINES (continued)

Drawing 3 of 3

NORTH AMERICA, LATIN AMERICA AND ASIA PACIFIC				
MACHINE	SALES MODEL	LINKAGE OR STICK AUX TUBE LOCATION	H160C S/ H160D S	H180/ H180 S/H180D S
SERIAL # RANGE			BFB0-UP/ BXF0-UP	BFH0-UP/ BXF0-UP
EXCAVATOR SERIES	R	SIDE MOUNTED		
	M312	SIDE MOUNTED		
		SIDE MOUNTED		
		SIDE MOUNTED		
	M315/M315C/M316C	SIDE MOUNTED		
		SIDE MOUNTED		
		SIDE MOUNTED		
	M318/M318C	SIDE MOUNTED		
	M320	SIDE MOUNTED		
		SIDE MOUNTED		
		SIDE MOUNTED		
		TOP MOUNTED		
	R/320D	SIDE MOUNTED		
		SIDE MOUNTED		
		SIDE MOUNTED		
		TOP MOUNTED		
	M322C			
		SIDE MOUNTED		
		TOP MOUNTED		
		SIDE MOUNTED		
		TOP MOUNTED		
		SIDE MOUNTED		
		SIDE MOUNTED	I	
		TOP MOUNTED	I	
		SIDE MOUNTED	149-6093	
		TOP MOUNTED	154-6215	
		SIDE MOUNTED	149-6093	
		SIDE MOUNTED		I
		TOP MOUNTED	154-6215	I
		SIDE MOUNTED	213-1333	
		SIDE MOUNTED		I
		SIDE MOUNTED		197-4102

Ref.	Part number	Description	Qty	Code	Group page
	137-6631	LINES GP-CONNECTING	1	FJY	
	138-8116	LINES GP-CONNECTING	1	FJY	
	141-8379	LINES GP-CONNECTING	1	FJY	
	143-4073	LINES GP-CONNECTING	1	FJY	
	147-6183	LINES GP-CONNECTING	1	FJY	
	149-6093	LINES GP-CONNECTING	1	FJY	

311-1995 CHART-CONNECTING LINES (continued)

Ref.	Part number	Description	Qty	Code	Group page
	153-0118	LINES GP-CONNECTING	1	FJY	
	154-6215	LINES GP-CONNECTING	1	FJY	
	154-6216	LINES GP-CONNECTING	1	FJY	
	158-4616	LINES GP-CONNECTING	1	FJY	
	158-6271	LINES GP-CONNECTING	1	FJY	
	175-2645	LINES GP-CONNECTING	1	FJY	
	178-9288	LINES GP-CONNECTING	1	FJY	
	197-4102	LINES GP-CONNECTING	1	FJY	

CAT codes: F, J, Y.

311-1997 CHART-CONNECTING LINES

311-1997 CHART-CONNECTING LINES FOR EUROPEAN USE ONLY AN ATTACHMENT

Drawing 1 of 2

EUROPE, AFRICA AND MIDDLE EAST					
MACHINE	SALES MODEL	LINKAGE	H115/ H115 S	H120 S/ H120C S	H130/ H130 S
SERIAL # RANGE				P	P
EXCAVATOR SERIES	M312				
	M315				
	M318				
	M320				

*CONTAINS HOSES WITH ARMOUR GUARD

**LONG HOSES W/GUARD FOR USE WITH QUICK COUPLERS (SERIAL NO PREFIXES AEW & AFJ)

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