

CATERPILLAR EL180

4EF / XEBP9834

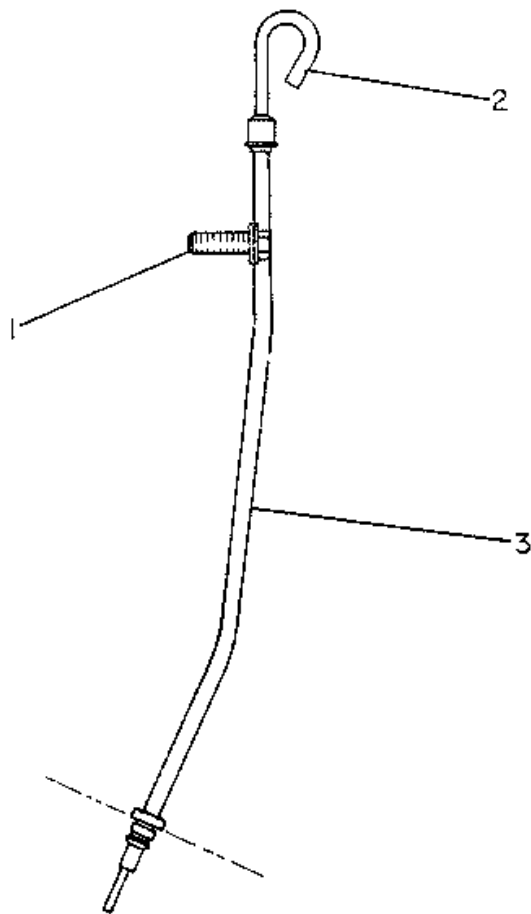
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Electrical and electronics	
Hydraulic system	

7C-4828 GAUGE GP-OIL LEVEL (DIPSTICK)

7C4828 GAUGE GP-OIL LEVEL

Drawing 1 of 1

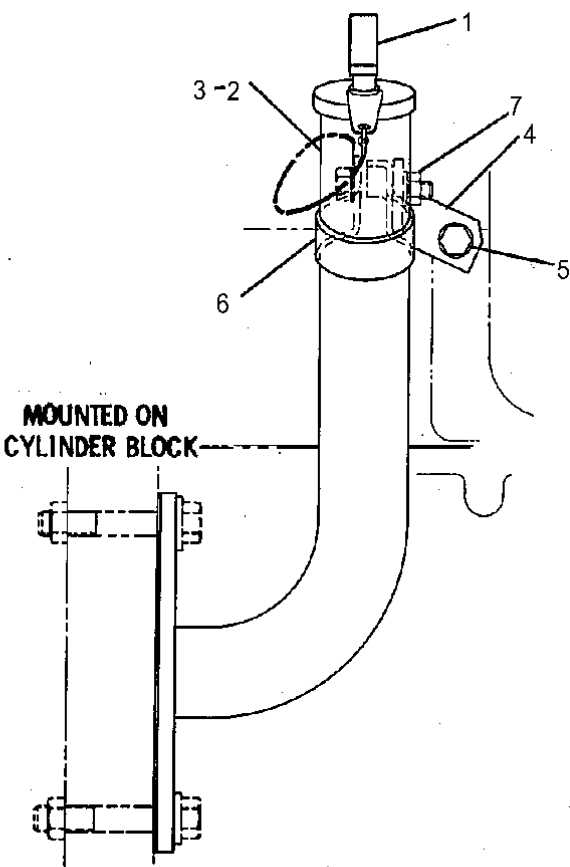


Ref.	Part number	Description	Qty	Code	Group page
1	0S-1591	BOLT	1		
	5M-2894	WASHER	1		
2	7C-4827	GAUGE-OIL LEVEL	1		
3	7C-2497	TUBE AS	1		
	8F-8997	NUT-FITTING	1		

7N-5589 FILLER GP-OIL

7N5589 FILLER GP-OIL

Drawing 1 of 1

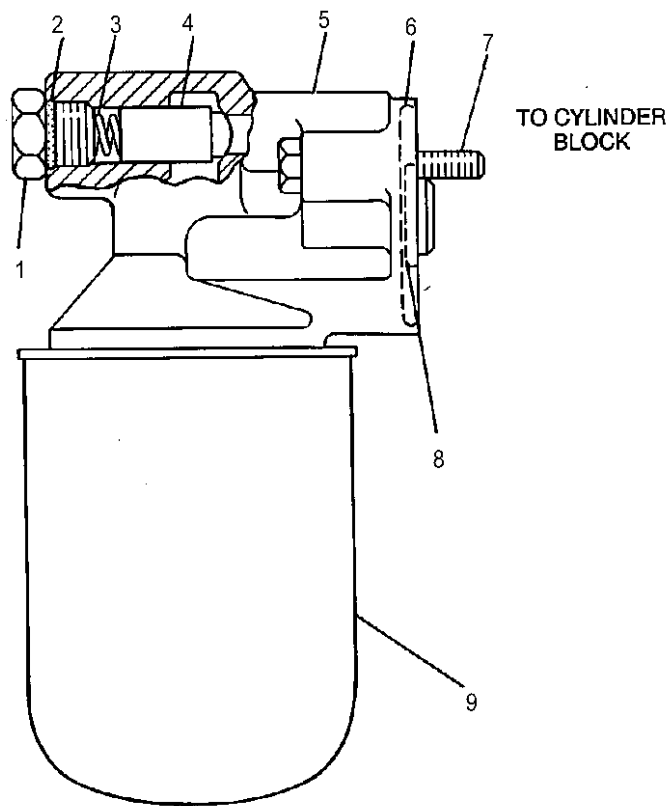


Ref.	Part number	Description	Qty	Code	Group page
1	6G-9333	CAP-OIL FILLER	1		
2	7W-7408	TUBE AS	1		
3	4W-4974	GASKET	1		
4	7W-7542	BRACKET	1		
5	0S-1571	BOLT	1		
	5M-2894	WASHER	1		
6	8M-7581	CLAMP	1		
7	9M-1974	WASHER	2		
	1D-4716	NUT-FULL	1		
	1A-9579	BOLT	1		

8N-5930 FILTER GP-ENGINE OIL

8N5930 FILTER GP-ENGINE OIL

Drawing 1 of 1



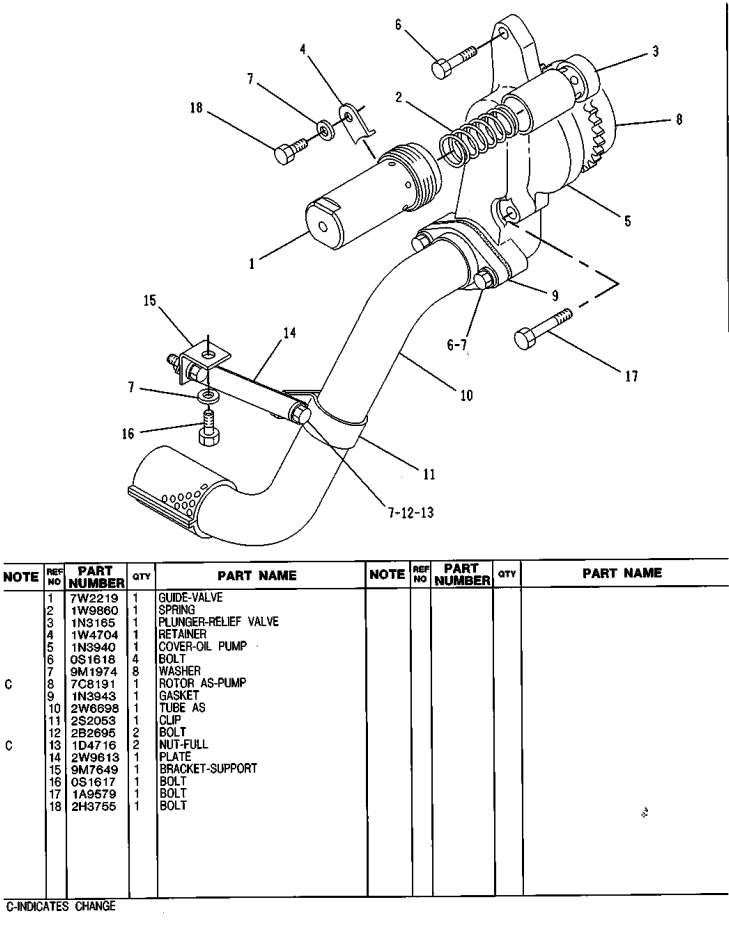
Ref.	Part number	Description	Qty	Code	Group page
1	9S-4189	PLUG-O-RING	1	C	
2	2M-9780	SEAL-O-RING	1		
3	9L-9188	SPRING-VALVE	1		
4	7C-1493	VALVE-BYPASS	1		
5	2W-8815	BASE AS-OIL FILTER	1	C	
	2P-2537	STUD-HOLLOW	1		
6	6J-2244	SEAL-O-RING	1	C	
7	0S-1590	BOLT	2		
8	6V-6228	SEAL-O-RING	1	C	
9	1R-0714	FILTER AS-OIL	1		

CAT codes: C.

7C-6503 PUMP GP-OIL

7C6503 PUMP GP-OIL

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7W-2219	GUIDE-VALVE	1		
2	1W-9860	SPRING	1		
3	1N-3165	PLUNGER-RELIEF VALVE	1		
4	1W-4704	RETAINER	1		
5	1N-3940	COVER-OIL PUMP	1		
6	0S-1618	BOLT	4		
7	9M-1974	WASHER	8		
8	7C-8191	ROTOR AS-PUMP	1	C	
9	1N-3943	GASKET	1		
10	2W-6698	TUBE AS	1		
11	2S-2053	CLIP	1		
12	2B-2695	BOLT	2		
13	1D-4716	NUT-FULL	2	C	
14	2W-9613	PLATE	1		
15	9M-7649	BRACKET-SUPPORT	1		

7C-6503 PUMP GP-OIL (continued)

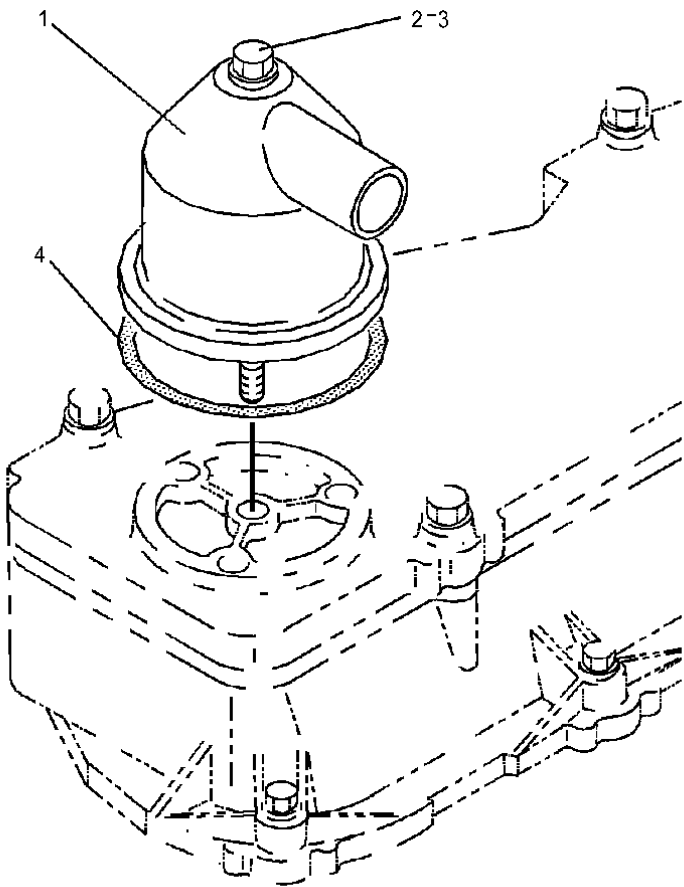
Ref.	Part number	Description	Qty	Code	Group page
16	0S-1617	BOLT	1		
17	1A-9579	BOLT	1		
18	2H-3755	BOLT	1		

CAT codes: C.

1W-7298 BREATHER GP

1W7298 BREATHER GP-CRANKCASE

Drawing 1 of 1

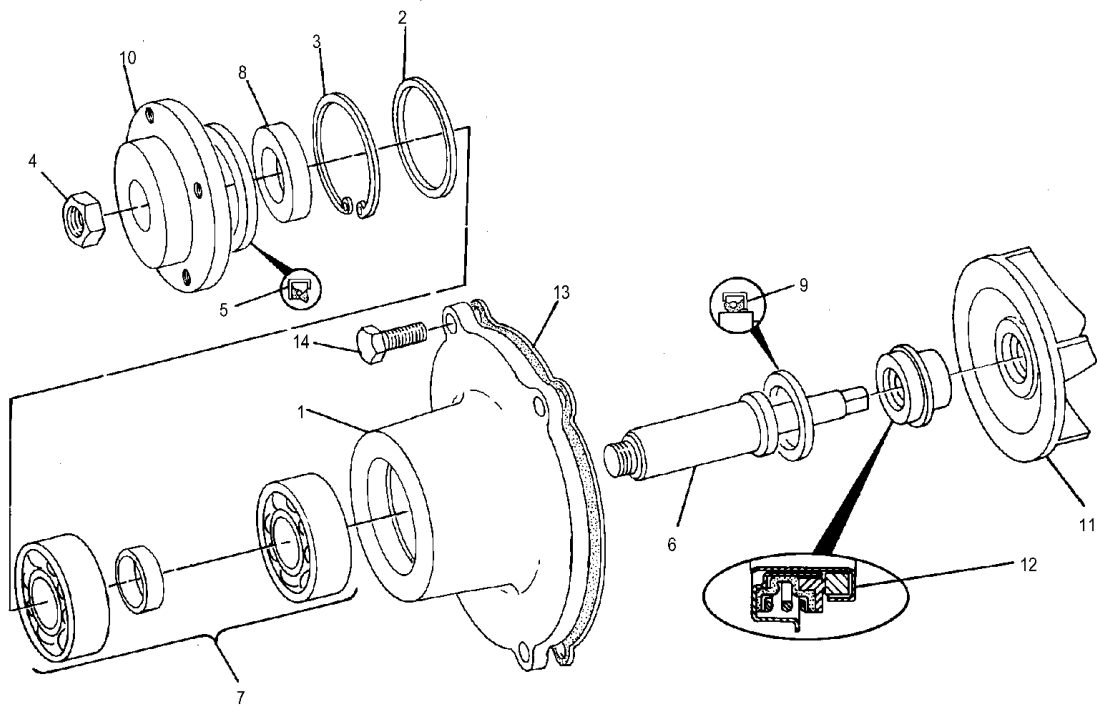


Ref.	Part number	Description	Qty	Code	Group page
1	8S-0248	BREATHER AS	1		
2	3H-5932	BOLT	1		
3	4K-9890	WASHER	1		
4	4L-9564	SEAL-O-RING	1		

4N-0660 PUMP GP-WATER

4N0660 PUMP GP-WATER Engine S/N 45V54065-58525

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2W-1223	PUMP GP-WATER	1	CR	
2	1W-5648	SPACER	1	J	
3	6V-0506	RING-RETAINING	1	J	
4	6V-5019	NUT-JAM	1	J	
5	6V-5014	SEAL-LIP TYPE	1	J	
6	1W-5646	SHAFT-WATER PUMP	1	J	
7	6V-9340	BEARING AS-ROLLER	1	C	
8	1W-5647	SPACER	1	J	
9	6V-6917	SEAL-LIP TYPE	1	J	
10	4W-2323	ADAPTER-FAN	1	C	
11	2W-3535	IMPELLER-PUMP	1		
12	2W-0712	SEAL AS-PUMP	1	J	
13	4N-0659	GASKET-PUMP	1		
14	0S-1594	BOLT	4		

THE FOLLOWING REPAIR

4N-0660 PUMP GP-WATER (continued)

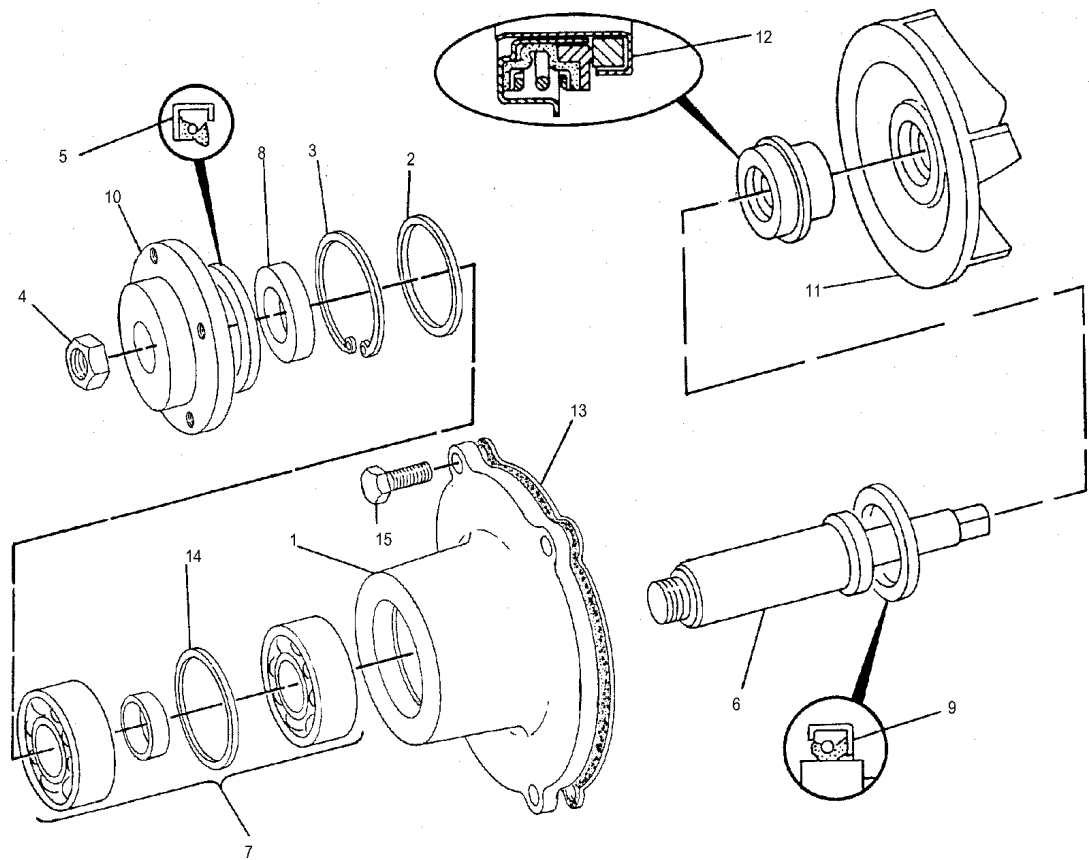
Ref.	Part number	Description	Qty.	Code	Group page
KIT IS AVAILABLE:					
	6V-6896	KIT-PUMP REBUILD (WATER)	1		
(INCL BEARING AS,					
SPACER & PARTS					
MARKED J)					

CAT codes: C, R.

4N-0660 PUMP GP-WATER

4N0660 PUMP GP-WATER Engine S/N 45V58526-Up

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2W-1223	PUMP GP-WATER	1	R	
2	1W-5648	SPACER	1	J	
3	6V-0506	RING-RETAINING	1	J	
4	6V-5019	NUT-JAM	1	J	
5	6V-5014	SEAL-LIP TYPE	1	J	
6	1W-5646	SHAFT-WATER PUMP	1	J	
7	6V-5118	BEARING AS-ROLLER	1	J	
8	1W-5647	SPACER	1	J	
9	6V-6917	SEAL-LIP TYPE	1	J	
10	4W-2323	ADAPTER-FAN	1		
11	2W-3535	IMPELLER-PUMP	1		
12	2W-0712	SEAL AS-PUMP	1	J	
13	4N-0659	GASKET-PUMP	1	J	
14	1W-5649	SPACER	1	CJ	
15	0S-1594	BOLT	4		

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