

CATERPILLAR 322B L

8NR / XEBP7648

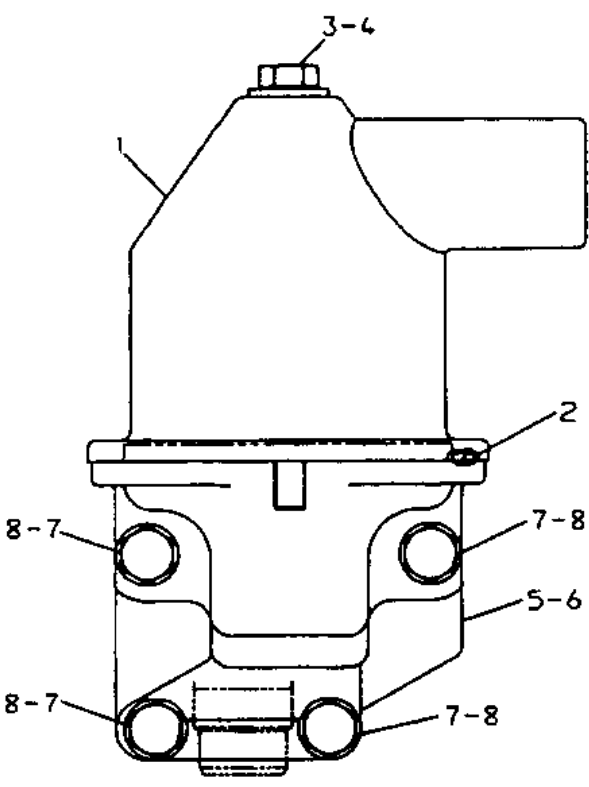
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131-4810 BREATHER GP

1314810 BREATHER GP PART OF 1313804-Page 13

Drawing 1 of 1



Technical drawing of a breather assembly. Callouts indicate: 1 (main body), 2 (seal), 3-4 (top bolt), 5-6 (base), 7-8 (corner bolts), and 8-7 (corner washers).

NOTE	No.	PART No.	QTY	PART NAME
	1	2W-9162	1	BREATHER AS
	2	4L-9564	1	SEAL (ID=81.92mm)
	3	6V-3821	1	BOLT (L=110mm)
	4	5P-4116	1	WASHER
	5	4P-9936	1	BASE
	6	7C-1159	1	GASKET
	7	7X-2537	4	BOLT (L=35mm)
	8	8T-4224	4	WASHER

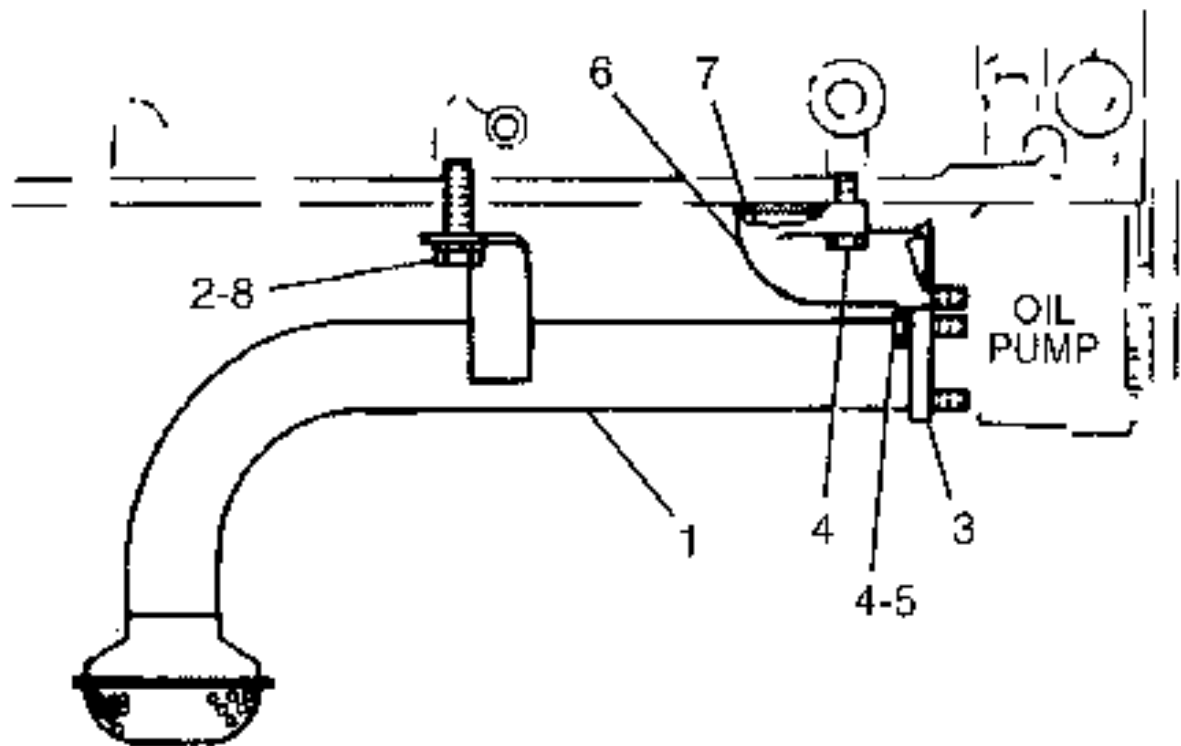
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Ref.	Part number	Description	Qty	Code	Group page
1	2W-9162	BREATHER AS	1		
2	4L-9564	SEAL (ID=81.92mm)	1		
3	6V-3821	BOLT (L=110mm)	1		
4	5P-4116	WASHER	1		
5	4P-9936	BASE	1		
6	7C-1159	GASKET	1		
7	7X-2537	BOLT (L=35mm)	4		
8	8T-4224	WASHER	4		

4W-2914 LINES GP-ENGINE OIL

4W2914 LINES GP-ENGINE OIL PART OF 1313804-Page 13

Drawing 1 of 1

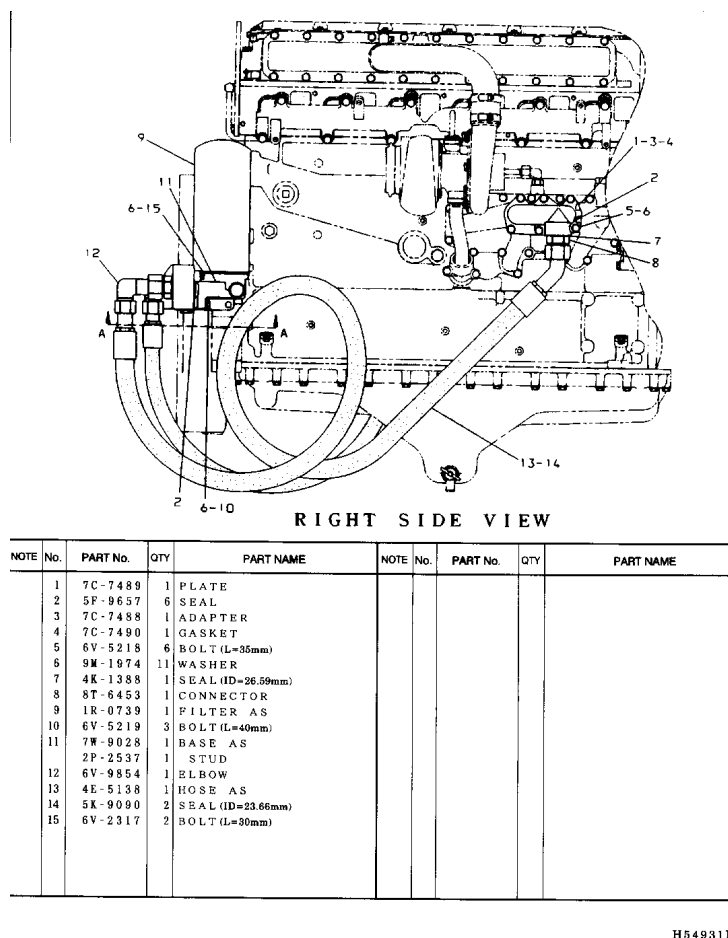


Ref.	Part number	Description	Qty	Code	Group page
1	7W-5341	TUBE AS	1		
2	6V-4248	BOLT (L=25mm)	1		
3	7W-5340	GASKET	1		
4	6V-3940	BOLT (L=25mm)	4		
5	9M-1974	WASHER	2		
6	4W-2232	ELBOW	1		
7	3P-1156	SEAL-O-RING (ID=21.82mm)	2		
8	6V-5839	WASHER	1		

129-0494 FILTER GP-ENGINE OIL

1290494 FILTER GP-ENGINE OIL-PART 1 OF 2 PART OF 1313804-Page 13

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7C-7489	PLATE	1		
2	5F-9657	SEAL	6		
3	7C-7488	ADAPTER	1		
4	7C-7490	GASKET	1		
5	6V-5218	BOLT (L=35mm)	6		
6	9M-1974	WASHER	11		
7	4K-1388	SEAL (ID=26.59mm)	1		
8	8T-6453	CONNECTOR	1		
9	1R-0739	FILTER AS	1		
10	6V-5219	BOLT (L=40mm)	3		
11	7W-9028	BASE AS	1		
	2P-2537	STUD	1		
12	6V-9854	ELBOW	1		

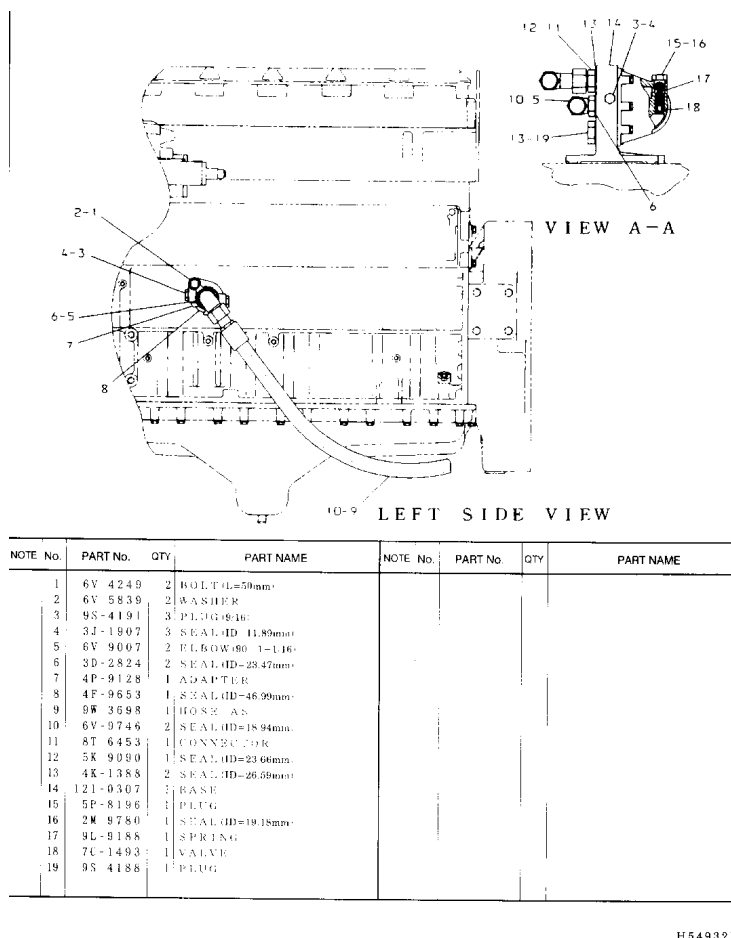
129-0494 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
13	4E-5138	HOSE AS	1		
14	5K-9090	SEAL (ID=23.66mm)	2		
15	6V-2317	BOLT (L=30mm)	2		

129-0494 FILTER GP-ENGINE OIL

1290494 FILTER GP-ENGINE OIL-PART 2 OF 2 PART OF 1313804-Page 13

Drawing 1 of 1



H54932E

Ref.	Part number	Description	Qty	Code	Group page
1	6V-4249	BOLT (L=50mm)	2		
2	6V-5839	WASHER	2		
3	9S-4191	PLUG (9/16)	3		
4	3J-1907	SEAL (ID=11.89mm)	3		
5	6V-9007	ELBOW (90degrees 1-1/16)	2		
6	3D-2824	SEAL (ID=23.47mm)	2		
7	4P-9128	ADAPTER	1		
8	4F-9653	SEAL (ID=46.99mm)	1		
9	9W-3698	HOSE AS	1		
10	6V-9746	SEAL (ID=18.94mm)	2		
11	8T-6453	CONNECTOR	1		
12	5K-9090	SEAL (ID=23.66mm)	1		
13	4K-1388	SEAL (ID=26.59mm)	2		
14	121-0307	BASE	1		
15	5P-8196	PLUG	1		

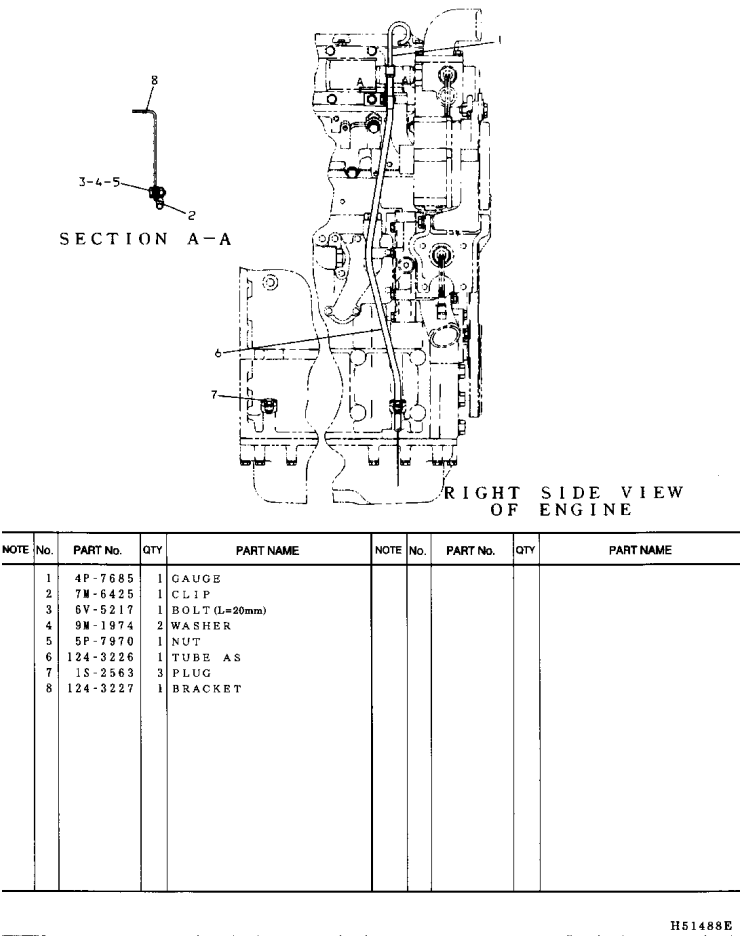
129-0494 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
16	2M-9780	SEAL (ID=19.18mm)	1		
17	9L-9188	SPRING	1		
18	7C-1493	VALVE	1		
19	9S-4188	PLUG	1		

125-1312 GAUGE GP-OIL LEVEL

1251312 GAUGE GP-OIL LEVEL (DIPSTICK) PART OF 1313804-Page 13

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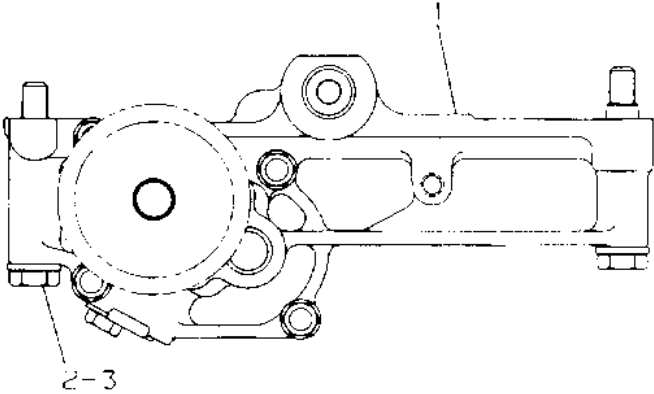


Ref.	Part number	Description	Qty	Code	Group page
1	4P-7685	GAUGE	1		
2	7M-6425	CLIP	1		
3	6V-5217	BOLT	1		
4	9M-1974	WASHER	2		
5	5P-7970	NUT	1		
6	124-3226	TUBE AS	1		
7	1S-2563	PLUG	3		
8	124-3227	BRACKET	1		

4W-2195 PUMP GP-ENGINE OIL

4W2195 PUMP GP-ENGINE OIL PART OF 1313804-Page 13 1192924-Page 45

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NOTE	No.	PART No.	QTY	PART NAME
Y	1	119-2924	1	PUMP GP
	2	6V-5815	2	BOLT (L=75mm)
	3	6V-5839	2	WASHER (T=2.5mm)

Y SEE SEPARATE ILLUSTRATION

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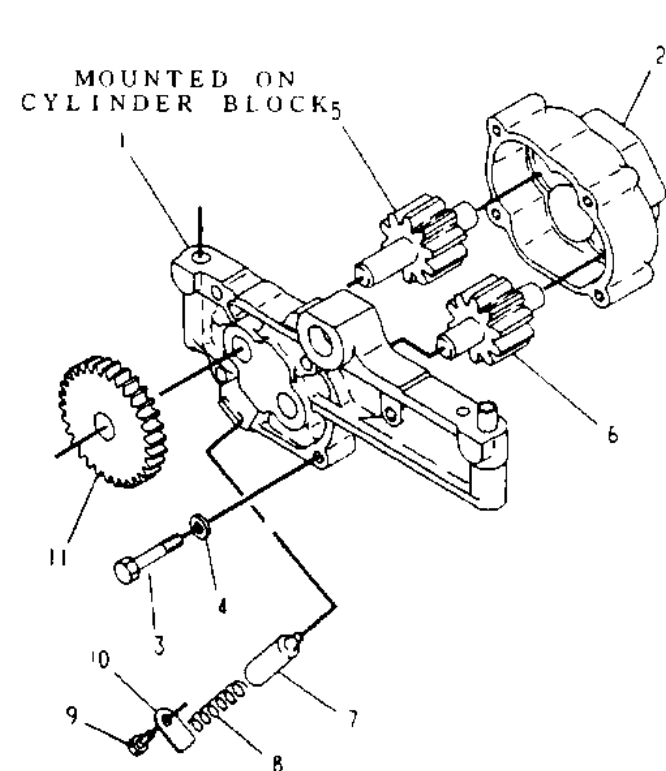
Ref.	Part number	Description	Qty	Code	Group page
1	119-2924	PUMP GP	1	Y	
2	6V-5815	BOLT (L=75mm)	2		
3	6V-5839	WASHER (T=2.5mm)	2		

CAT codes: Y.

119-2924 PUMP GP-ENGINE OIL

1192924 PUMP GP-ENGINE OIL PART OF 4W2195-Page 45

Drawing 1 of 1



NOTE	No.	PART No.	QTY	PART NAME
	1	2W-8077	1	BODY AS
	2	2W-8091	1	BODY
	3	6V-5219	4	BOLT (L=40mm)
	4	9M-1974	4	WASHER
	5	2W-8087	1	SHAFT AS
	6	2W-8090	1	SHAFT AS
	7	2W-8078	1	PLUNGER
	8	105-1805	1	SPRING
	9	6V-5215	1	BOLT (L=16mm)
	10	2W-8079	1	WASHER
	11	2W-8085	1	GEAR (Z=33)

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Ref.	Part number	Description	Qty	Code	Group page
1	2W-8077	BODY AS	1		
2	2W-8091	BODY	1		
3	6V-5219	BOLT (L=40mm)	4		
4	9M-1974	WASHER	4		
5	2W-8087	SHAFT AS	1		
6	2W-8090	SHAFT AS	1		
7	2W-8078	PLUNGER	1		
8	105-1805	SPRING	1		
9	6V-5215	BOLT (L=16mm)	1		
10	2W-8079	WASHER	1		
11	2W-8085	GEAR (Z=33)	1		

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