

CATERPILLAR 311-A

9LJ / XEBP7200

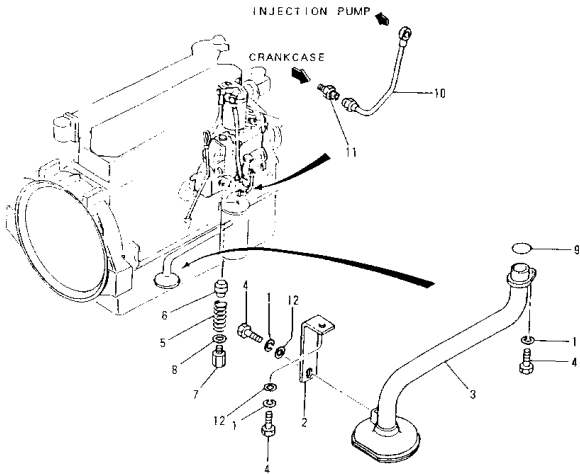
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5I-7815 LINES GP-ENGINE OIL

5I7815 LINES GP-ENGINE OIL

Drawing 1 of 1



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3B 4505	3	LOCKWASHER					
	2	5I-7642	1	PLATE					
	3	5I-7857	1	STRAINER					
	4	8T 4200	3	BOLT (16mm LONG)					
	5	5I-7640	1	SPRING					
	6	5I-7643	1	VALVE					
	7	5I-7644	1	PLUG					
	8	9J-2089	1	WASHER					
	9	5I-5038	1	SEAL					
	10	5I-7880	1	PIPE					
	11	095-1882	1	CONNECTOR					
	12	8T-4224	2	WASHER					

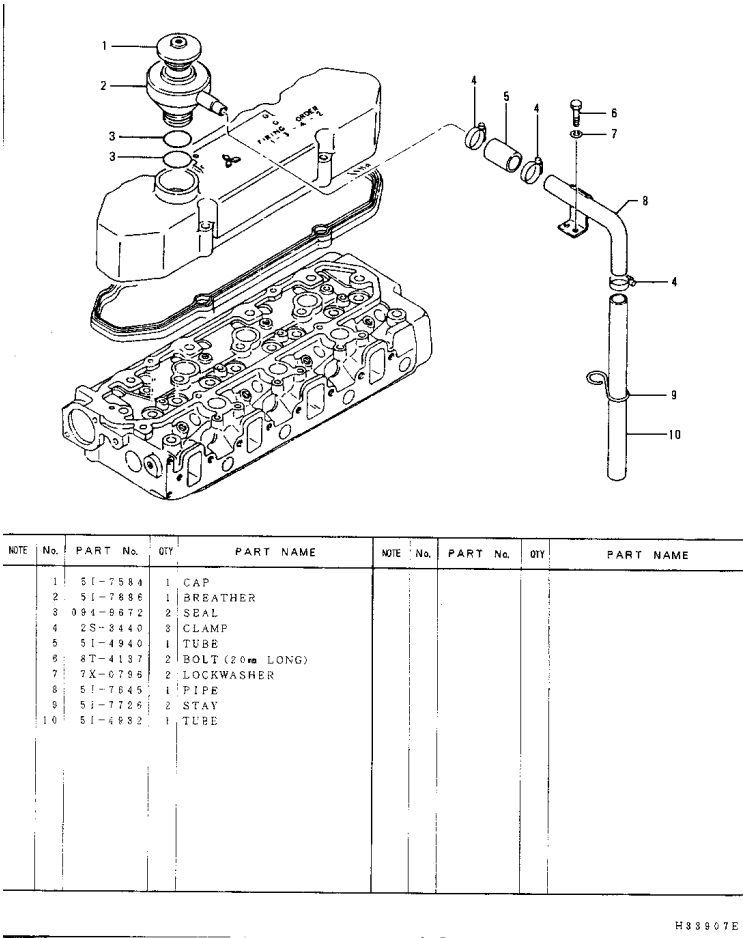
H33906E

Ref.	Part number	Description	Qty	Code	Group page
1	3B-4505	LOCKWASHER	3		
2	5I-7642	PLATE	1		
3	5I-7857	STRAINER	1		
4	8T-4200	BOLT (16mm LONG)	3		
5	5I-7640	SPRING	1		
6	5I-7643	VALVE	1		
7	5I-7644	PLUG	1		
8	9J-2089	WASHER	1		
9	5I-5038	SEAL	1		
10	5I-7880	PIPE	1		
11	095-1882	CONNECTOR	1		
12	8T-4224	WASHER	2		

5I-7803 BREATHER GP

5I7803 BREATHER GP

Drawing 1 of 1

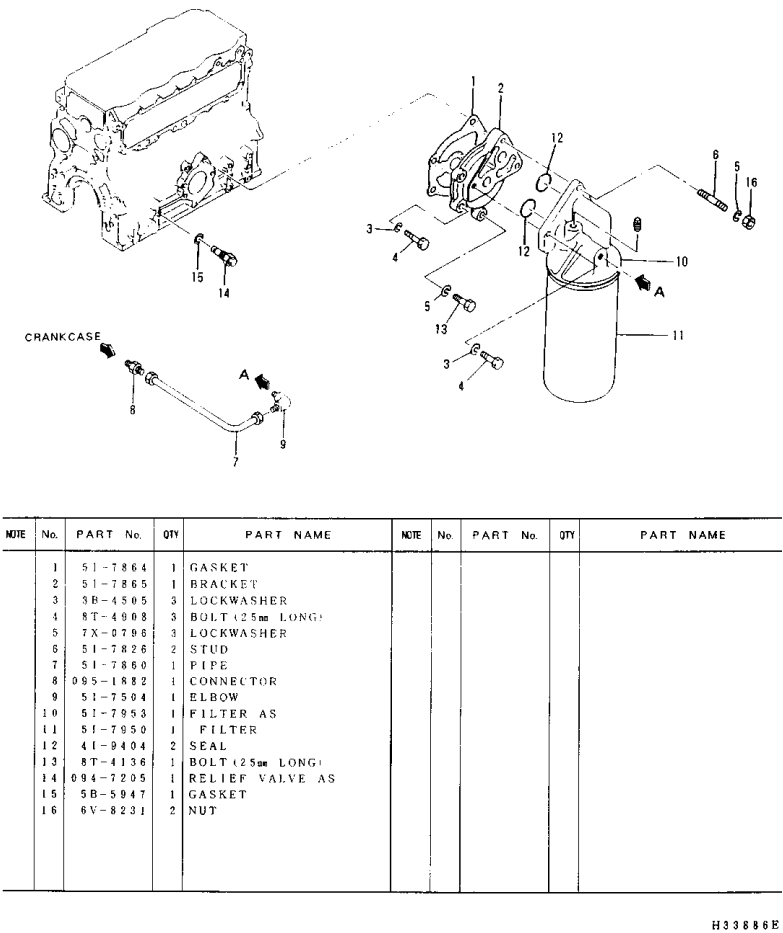


Ref.	Part number	Description	Qty	Code	Group page
1	5I-7584	CAP	1		
2	5I-7886	BREATHER	1		
3	094-9672	SEAL	2		
4	2S-3440	CLAMP	3		
5	5I-4940	TUBE	1		
6	8T-4137	BOLT (20mm LONG)	2		
7	7X-0796	LOCKWASHER	2		
8	5I-7645	PIPE	1		
9	5I-7726	STAY	2		
10	5I-4932	TUBE	1		

5I-7818 FILTER GP-ENGINE OIL

5I7818 FILTER GP-ENGINE OIL S/N 9LJ1-00431

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5I-7864	GASKET	1		
2	5I-7865	BRACKET	1		
3	3B-4505	LOCKWASHER	3		
4	8T-4908	BOLT (25mm LONG)	3		
5	7X-0796	LOCKWASHER	3		
6	5I-7826	STUD	2		
7	5I-7860	PIPE	1		
8	095-1882	CONNECTOR	1		
9	5I-7504	ELBOW	1		
10	5I-7953	FILTER AS	1		
11	5I-7950	FILTER	1		
12	4I-9404	SEAL	2		
13	8T-4136	BOLT (25mm LONG)	1		

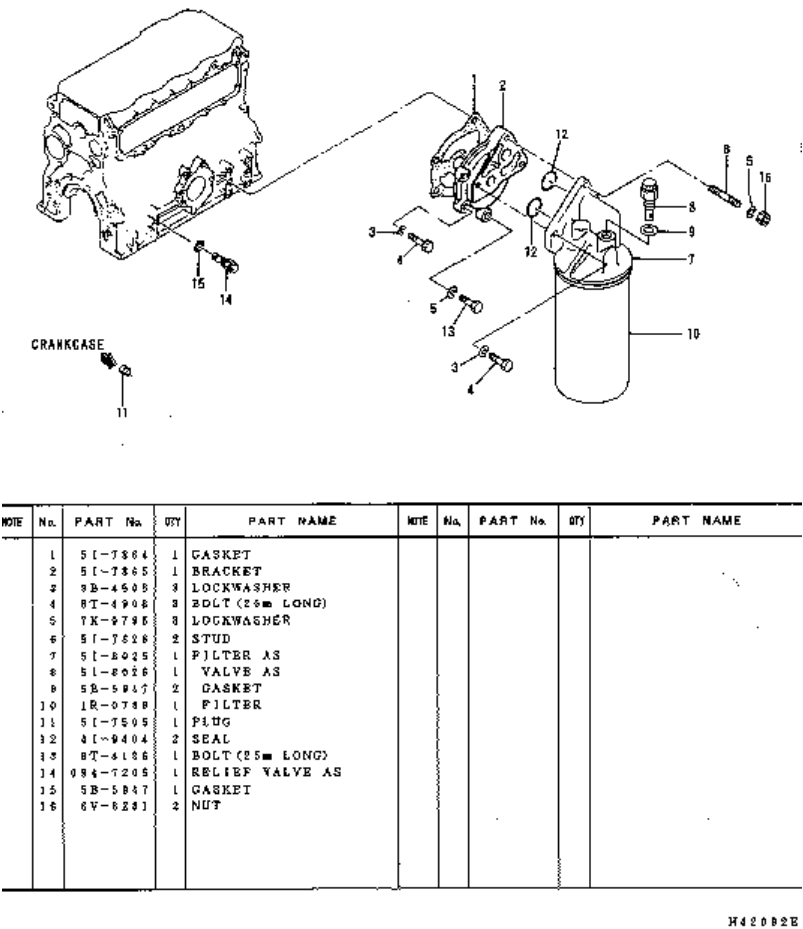
5I-7818 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
14	094-7205	RELIEF VALVE AS	1		
15	5B-5947	GASKET	1		
16	6V-8231	NUT	2		

5I-8102 FILTER GP-ENGINE OIL

5I8102 FILTER GP-ENGINE OIL S/N 9LJ00432-Up

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5I-7864	GASKET	1		
2	5I-7865	BRACKET	1		
3	3B-4505	LOCKWASHER	3		
4	8T-4908	BOLT (25mm LONG)	3		
5	7X-0796	LOCKWASHER	3		
6	5I-7826	STUD	2		
7	5I-8025	FILTER AS	1		
8	5I-8026	VALVE AS	1		
9	5B-5947	GASKET	2		
10	1R-0739	FILTER	1		
11	5I-7505	PLUG	1		
12	4I-9404	SEAL	2		
13	8T-4136	BOLT (25mm LONG)	1		

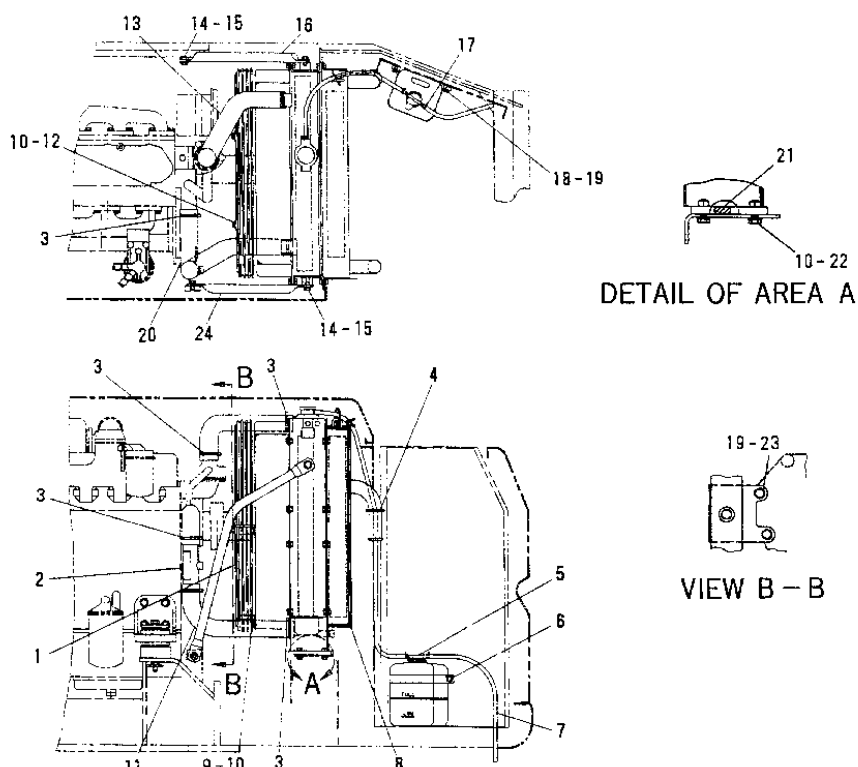
5I-8102 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
14	094-7205	RELIEF VALVE AS	1		
15	5B-5947	GASKET	1		
16	6V-8231	NUT	2		

4I-7364 RADIATOR OIL COOLER GP

4I7364 RADIATOR GP-OIL COOLER & Part of 4I7377 Installation Ar listed on Page 11 4I7365--Page 32

Drawing 1 of 1



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	102-3741	1	GUARD AS		20	7Y-1941	1	HOSE
	2	085-8394	1	PIPE AS	D	21	6V-5030	1	SEAL . . . (0.5m)
	3	5P-0597	6	CLAMP		22	8T-4195	4	BOLT (30mm LONG)
	4	096-0061	2	STRAP		23	8T-8647	2	BOLT (80mm LONG)
	5	096-5819	1	TANK AS		24	4I-7552	1	BRACE
		096-5820	1	CAP AS					
	6	099-6607	1	BAND					
E	7	7Y-1978		HOSE . . . (45cm)					
Y	8	4I-7365	1	RADIATOR GP					
	9	8T-4187	4	BOLT (20mm LONG)					
	10	8T-4121	10	WASHER					
	11	085-8400	1	HOSE					
	12	8T-4191	2	BOLT (16mm LONG)					
	13	085-8401	1	HOSE					
	14	8T-4223	4	WASHER					
	15	8T-4179	4	BOLT (20mm LONG)					
	16	102-3772	1	BRACE					
	17	096-4035	1	CLIP					
	18	8T-4200	2	BOLT (16mm LONG)					
	19	8T-4224	4	WASHER					

D-ORDER BY THE METER

Y-SEE SEPARATE ILLUSTRATION

E-ORDER BY THE CENTIMETER

H36229E

Ref.	Part number	Description	Qty	Code	Group page
1	102-3741	GUARD AS	1		
2	085-8394	PIPE AS	1		
3	5P-0597	CLAMP	6		
4	096-0061	STRAP	2		
5	096-5819	TANK AS	1		

4I-7364 RADIATOR OIL COOLER GP (continued)

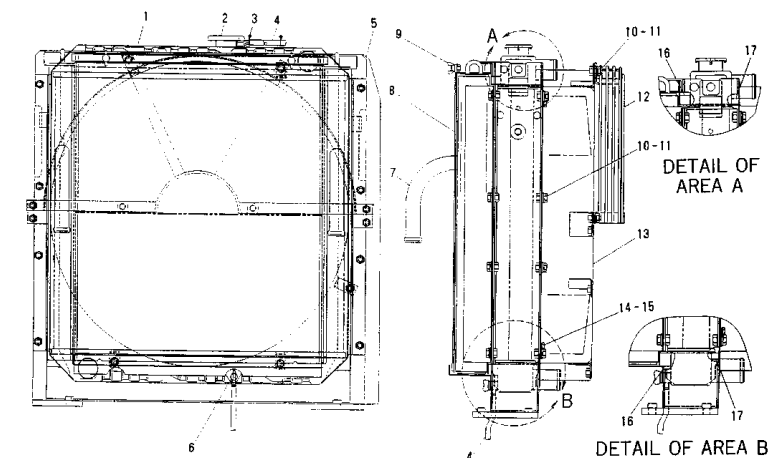
Ref.	Part number	Description	Qty	Code	Group page
	096-5820	CAP AS	1		
6	099-6607	BAND	1		
7	7Y-1976	HOSE (90cm)		E	
8	4I-7365	RADIATOR GP	1		
9	8T-4137	BOLT (20mm LONG)	4		
10	8T-4121	WASHER	10		
11	085-8400	HOSE-RADIATOR (LOWER)	1	J	
12	8T-4191	BOLT (16mm LONG)	2		
13	085-8401	HOSE-RADIATOR (UPPER)	1		
14	8T-4223	WASHER	4		
15	8T-4179	BOLT (20mm LONG)	4		
16	102-3772	BRACE	1		
17	096-4035	CLIP	1		
18	8T-4200	BOLT (16mm LONG)	2		
19	8T-4224	WASHER	4		
20	7Y-1941	HOSE-RADIATOR (LOWER)	1	J	
21	6V-5030	SEAL (0.5m)		D	
22	8T-4195	BOLT (30mm LONG)	4		
23	8T-3647	BOLT (80mm LONG)	2		
24	4I-7552	BRACE	1		

CAT codes: D, E, J.

4I-7365 RADIATOR & OIL COOLER GP

4I7365 RADIATOR GP-OIL COOLER & (BASIC) Part of 4I7364 Radiator listed on Page 31

Drawing 1 of 1



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	4I-7376	1	CORE AS					
	2	7Y-1889	1	CAP AS					
	3	1P-4278	2	CLAMP					
	4	7Y-1976	2	HOSE . . . (120cm)					
	5	4I-7373	1	FRAME AS					
	6	093-5432	1	COCK AS					
	7	4I-7372	1	CORE AS					
	8	099-4700	1	SCREEN AS					
	9	096-4034	2	BOLT					
	10	8T-4137	20	BOLT (20mm LONG)					
	11	8T-4121	20	WASHER					
	12	102-3740	1	GUARD AS					
	13	4I-7375	1	SHROUD AS					
	14	8T-4200	4	BOLT (16mm LONG)					
	15	8T-4224	4	WASHER					
D	16	5P-5935		SEAL . . . (0.85m×2)					
D	17	5P-5755		SEAL . . . (0.82m×2)					
E	18	7Y-1976		HOSE . . . (40cm)					

E-ORDER BY THE CENTIMETER
D-ORDER BY THE METER

H35617E

Ref.	Part number	Description	Qty	Code	Group page
1	4I-7376	CORE AS	1		
2	7Y-1889	CAP AS	1		
3	1P-4278	CLAMP	2		
4	7Y-1976	HOSE (120cm)		E	
5	4I-7373	FRAME AS	1		
6	093-5432	COCK AS	1		
7	4I-7372	CORE AS	1		
8	099-4700	SCREEN AS	1		
9	096-4034	BOLT	2		
10	8T-4137	BOLT (20mm LONG)	20		
11	8T-4121	WASHER	20		
12	102-3740	GUARD AS	1		
13	4I-7375	SHROUD AS	1		
14	8T-4200	BOLT (16mm LONG)	4		
15	8T-4224	WASHER	4		

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