

CATERPILLAR 225

51U / SEBP1023

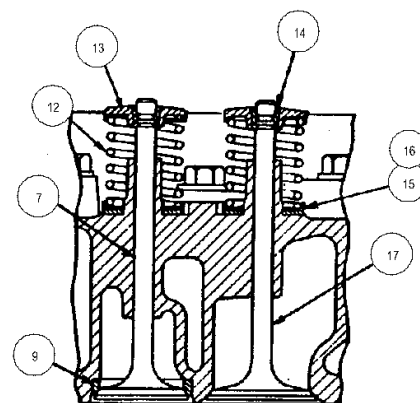
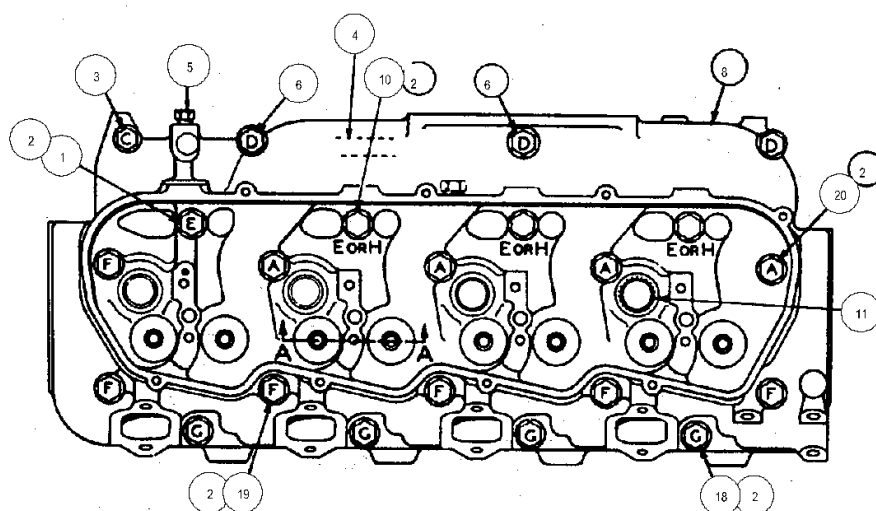
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9N-1105 CYLINDER HEAD GP

9N1105 CYLINDER HEAD GROUP Serial No. 79V1408 to 79V1420 inclusive

Drawing 1 of 1



VIEW A-A

REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	5P4850	BOLT----- 7.62 cm(3 in.) long-Location "E"	8
2	3H7654	WASHER	36
3	51571	BOLT----- 4.44 cm(1.75 in.) long Location "C" - Left Head	1
	9L9166	STUDBOLT----- 9.14 cm(3.6 in.) long-Right Head	1
C 4	9L9164	GASKET-----	2
5	5M6213	PLUG-----	4
6	5B9603	BOLT----- 12.7 cm(5 in.) long-Location "D"	6

7	9L7683	VALVE----- (exhaust)-----	8
8	9L7627	HEAD ASSEM,----- (Each Includes)	2
	9L7657	PLUG-----	1
9	9L7622	INSERT----- (exhaust)-----	4
10	L1329	BOLT----- 7.62 cm(3 in.) long-Location "H"	3
11	8M5860	PLUG-----	4
12	9L9190	SPRING-----	16
13	9L9425	RETAINER-----	16
14	2A4429	LOCK-----	32
15	9L8889	WASHER-----	16
16	9N906	SPACER-----	16

C INDICATES CHANGE

C 17	9L7682	VALVE----- (intake)-----	8
A 18	2N8943	INSERT----- (intake)-----	8
C 18	5P4849	BOLT----- 5.71 cm(2.25 in.) long-Location "G"	8
C 19	5P4851	BOLT----- 12 cm(4.75 in.) long-Location "F"	12
C 20	5P4852	BOLT----- 13.3 cm(5.25 in.) long-Location "A"	8

A NOT PART OF CYLINDER HEAD GROUP

168363

Ref.	Part number	Description	Qty	Code	Group page
1	5P-4850	BOLT 7.62 cm(3 in.) long-Location "E"	8	C	
2	3H-7654	WASHER	36		
3	OS-1571	BOLT 4.44 cm(1.75 in.) long Location "C" - Left Head	1		
	9L-9166	STUDBOLT 9.14 cm(3.6 in.) long-Right Head	1		
4	9L-9164	GASKET	2	C	
5	5M-6213	PLUG	4		
6	5B-9603	BOLT 12.7 cm(5 in.) long-Location "D"	6		
7	9L-7683	VALVE (exhaust)	8		
8	9L-7627	HEAD ASSEM.	2		
(Each Includes)					
	9L-7657	PLUG	1		
9	9L-7622	INSERT (exhaust)	4		
10	0L-1329	BOLT 7.62 cm(3 in.) long-Location "H"	3		
11	8M-5860	PLUG	4		
12	9L-9190	SPRING	16		
13	9L-9425	RETAINER	16		

9N-1105 CYLINDER HEAD GP (continued)

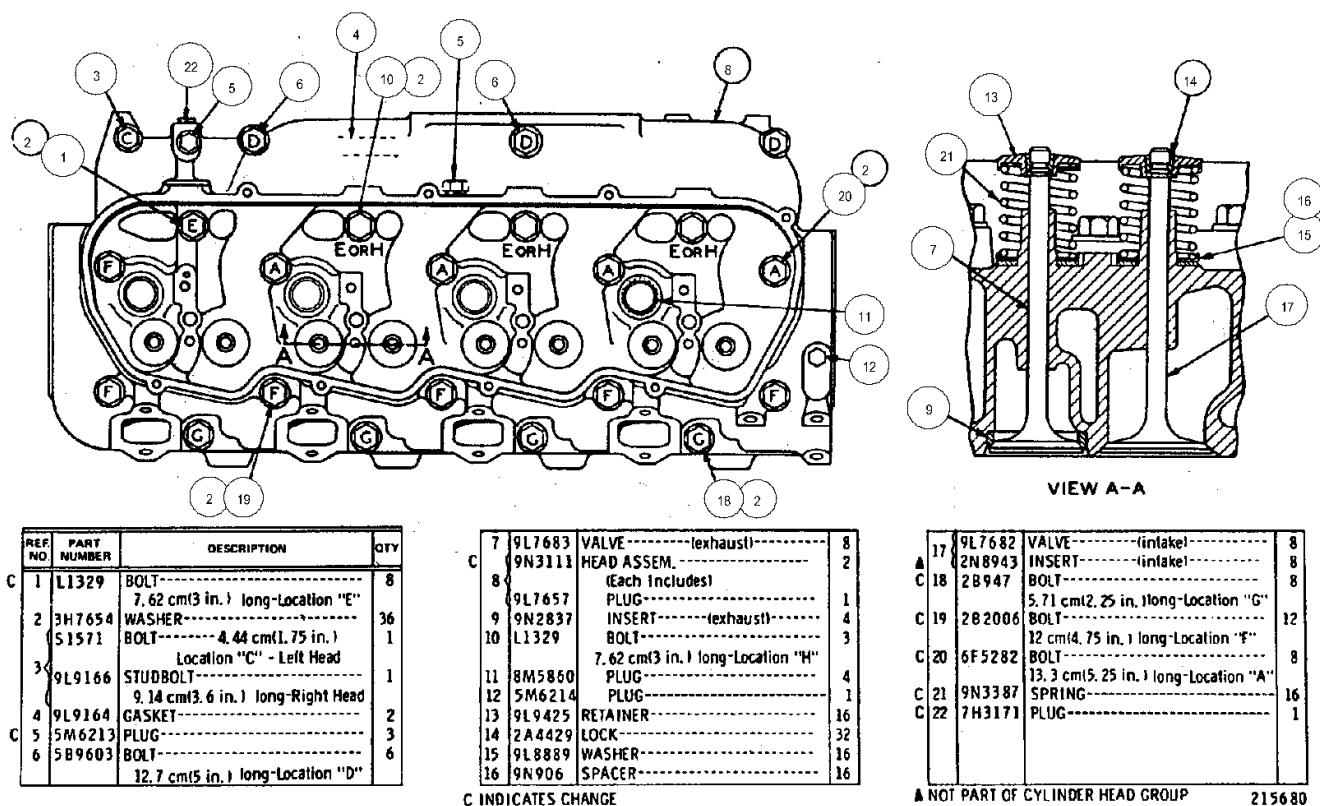
Ref.	Part number	Description	Qty	Code	Group page
14	2A-4429	LOCK	32		
15	9L-8889	WASHER	16		
16	9N-0906	SPACER	16		
17	9L-7682	VALVE (Intake)	8	C	
	2N-8943	INSERT (Intake)	8	H	
18	5P-4849	BOLT 5.71 cm(2.25 in.)long-Location "G"	8	C	
19	5P-4851	BOLT 12 cm(4.75 in.) long-Location "F"	8	C	
20	5P-4852	BOLT 13.3 cm(5.25 in.) long-Location "A"	8	C	

CAT codes: C, H.

9N-1105 CYLINDER HEAD GP

9N1105 CYLINDER HEAD GROUP Serial No. 79V1421-Up

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	0L-1329	BOLT 7.62 cm(3 in.) long-Location "E"	8	C	
2	3H-7654	WASHER	36		
3	0S-1571	BOLT 4.44 cm(1.75 in.) Location "C" - Left Head	1		
	9L-9166	STUDBOLT 9.14 cm(3.6 in.) long-Right Head	1		
4	9L-9164	GASKET	2		
5	5M-6213	PLUG	3	C	
6	5B-9603	BOLT 12.7 cm(5 in.) long-Location "D"	6		
7	9L-7683	VALVE (exhaust)	8		
8	9N-3111	HEAD ASSEM.	2	C	
(Each Includes)					
	9L-7657	PLUG	1		
9	9N-2837	INSERT (exhaust)	4		
10	0L-1329	BOLT 7.62 cm(3 in.) long-Location "H"	3		
11	8M-5860	PLUG	4		
12	5M-6214	PLUG	1		
13	9L-9425	RETAINER	16		

9N-1105 CYLINDER HEAD GP (continued)

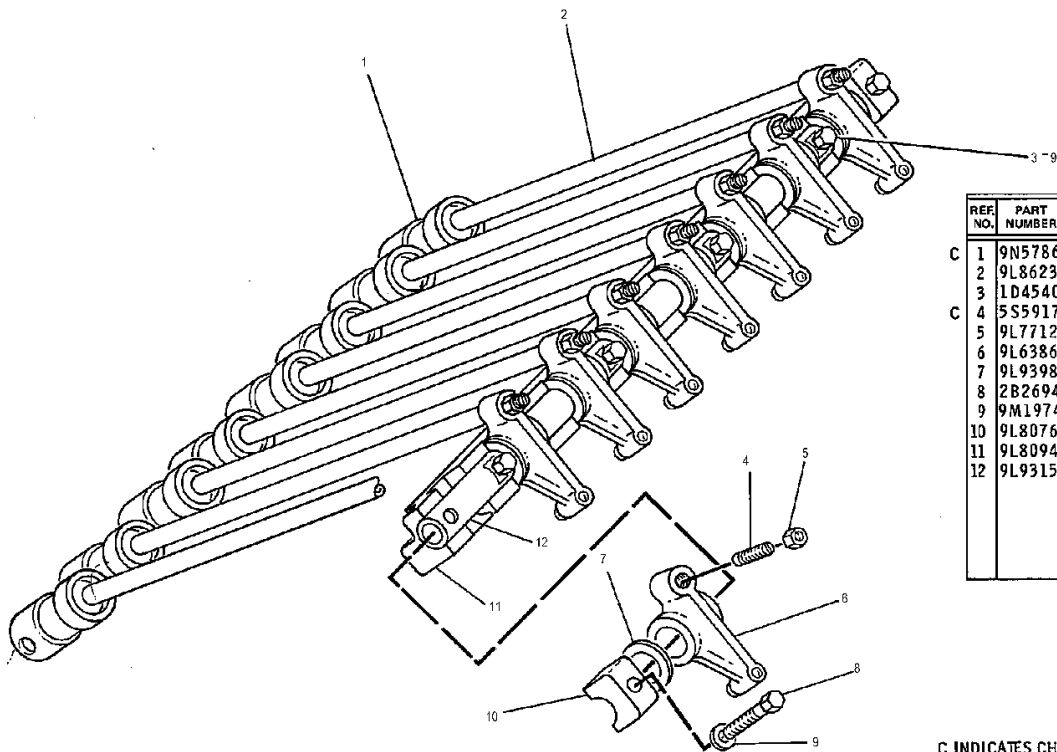
Ref.	Part number	Description	Qty	Code	Group page
14	2A-4429	LOCK	32		
15	9L-8889	WASHER	16		
16	9N-0906	SPACER	16		
17	9L-7682	VALVE (Intake)	8		
	2N-8943	INSERT (Intake)	8	H	
18	2B-0947	BOLT 5.71 cm(2.25 in.)long-Location "G"	8	C	
19	2B-2006	BOLT 12 cm(4.75 in.) long-Location "F"	12	C	
20	6F-5282	BOLT 13.3 cm(5.25 in.) long-Location "A"	8	C	
21	9N-3387	SPRING	16	C	
22	7H-3171	PLUG	1	C	

CAT codes: C, H.

9N-0487 VALVE MECHANISM GP

9N487 VALVE MECHANISM GROUP

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	9N5786	LIFTER-----	16
2	9L8623	ROD ASSEM.-----	16
3	1D4540	BOLT-----	8
C 4	5S5917	SCREW-----	16
5	9L7712	NUT-----	16
6	9L6386	ARM ASSEM.-----	16
7	9L9398	WASHER-----	16
8	2B2694	BOLT-----	4
9	9M1974	WASHER-----	12
10	9L8076	WASHER-----	4
11	9L8094	BRACKET-----	2
12	9L9315	SHAFT ASSEM.-----	2

C INDICATES CHANGE

230518

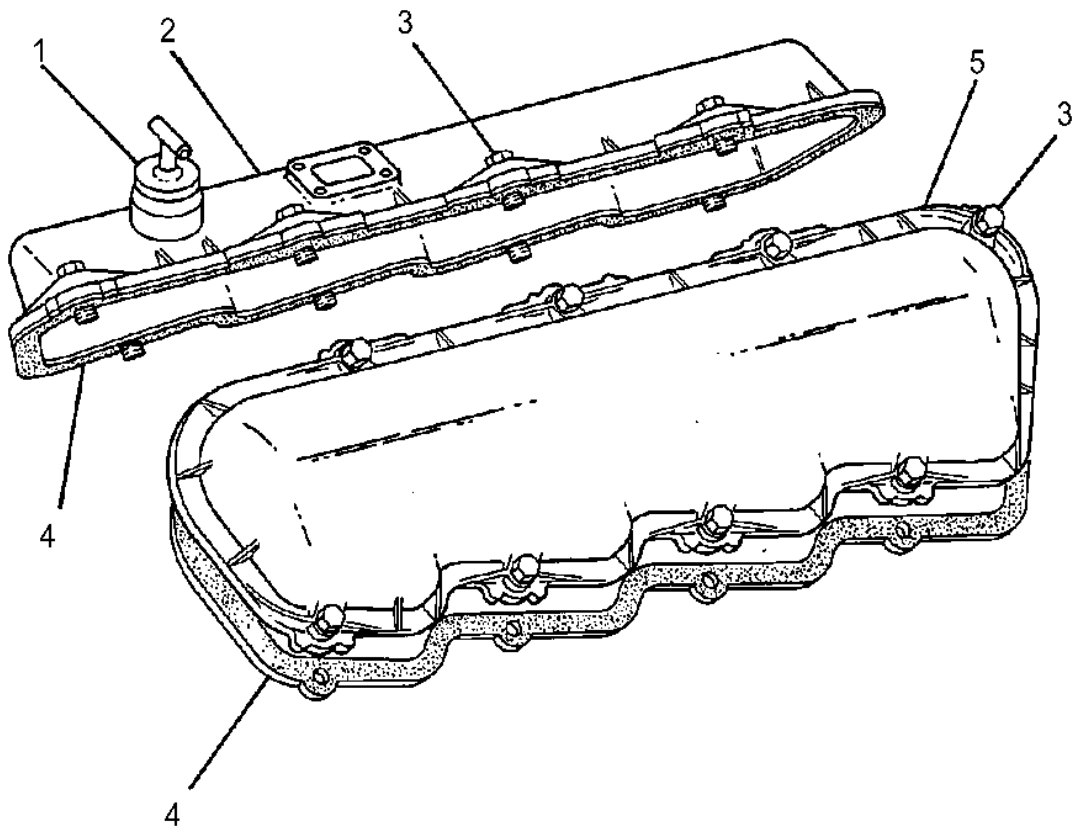
Ref.	Part number	Description	Qty	Code	Group page
1	9N-5786	LIFTER	16	C	
2	9L-8623	ROD ASSEM.	16		
3	1D-4540	BOLT	8		
4	5S-5917	SCREW	16	C	
5	9L-7712	NUT	16		
6	9L-6386	ARM ASSEM.	16		
7	9L-9398	WASHER	16		
8	2B-2694	BOLT	4		
9	9M-1974	WASHER	12		
10	9L-8076	WASHER	4		
11	9L-8094	BRACKET	2		
12	9L-9315	SHAFT ASSEM.	2		

CAT codes: C.

9N-0730 COVER GP-VALVE MECHANISM

9N730 VALVE MECHANISM GROUP

Drawing 1 of 1

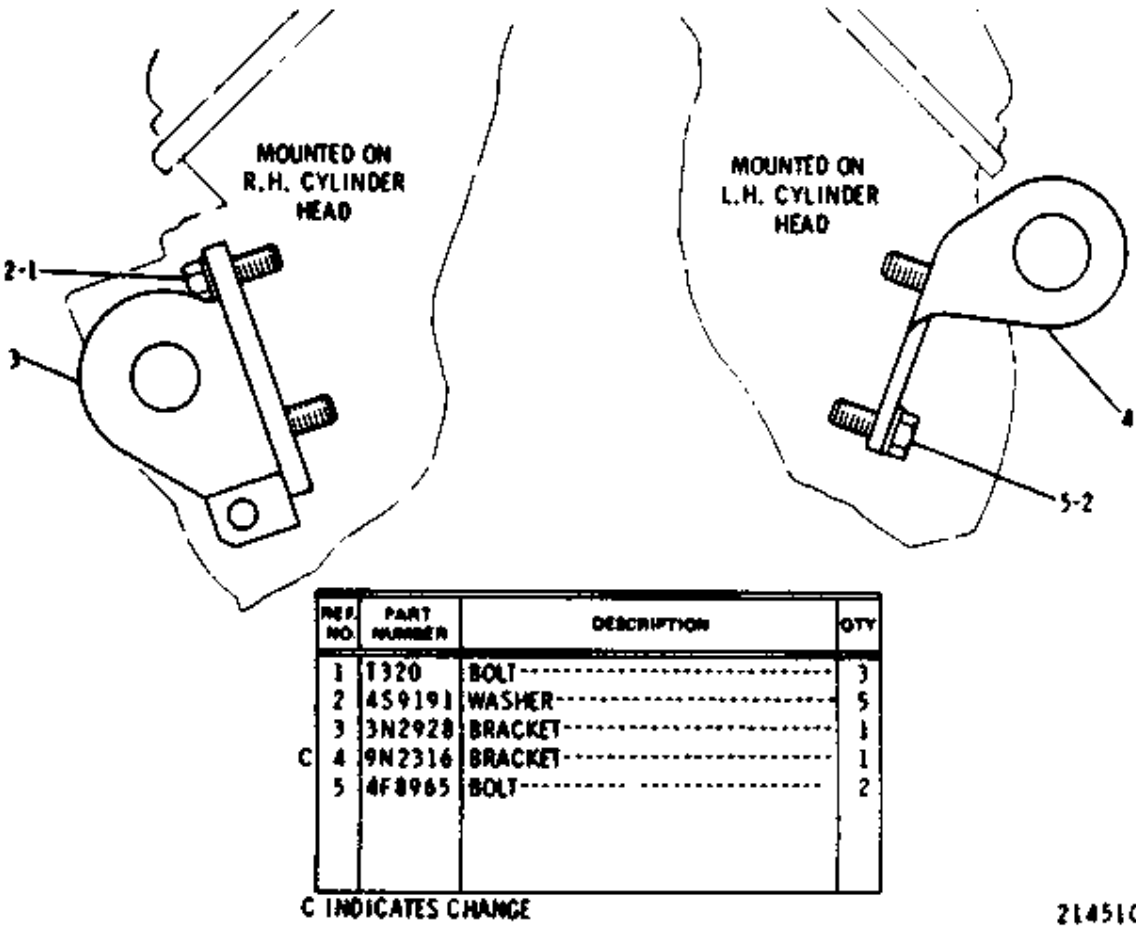


Ref.	Part number	Description	Qty	Code	Group page
1	9L-8439	CAP-OIL FILLER	1		
2	9L-7430	COVER-ROCKER ARM	1		
3	9L-8925	BOLT	16		
4	9L-7490	GASKET-COVER	2		
5	9L-7429	COVER-ROCKER ARM	1		

6N-0809 LIFTING EYE GROUP

6N809 LIFTING EYE GROUP USAGE: 225 EXCAVATOR

Drawing 1 of 1



214510

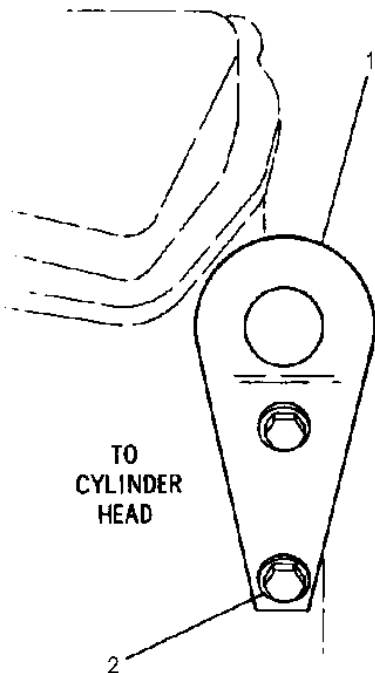
Ref.	Part number	Description	Qty	Code	Group page
1	0T-0320	BOLT	3		
2	4S-9191	WASHER	5		
3	3N-2928	BRACKET	1		
4	9N-2316	BRACKET	1	C	
5	4F-8965	BOLT	2		

CAT codes: C.

9N-0191 LIFTING GP

9N191 LIFTING EYE GROUP--2 Required USAGE: 613 TRACTOR

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	9N6473	BRACKET-----	1
2	4F8965	BOLT-----	2
C	5P8244	WASHER-----	2

C INDICATES CHANGE

230031

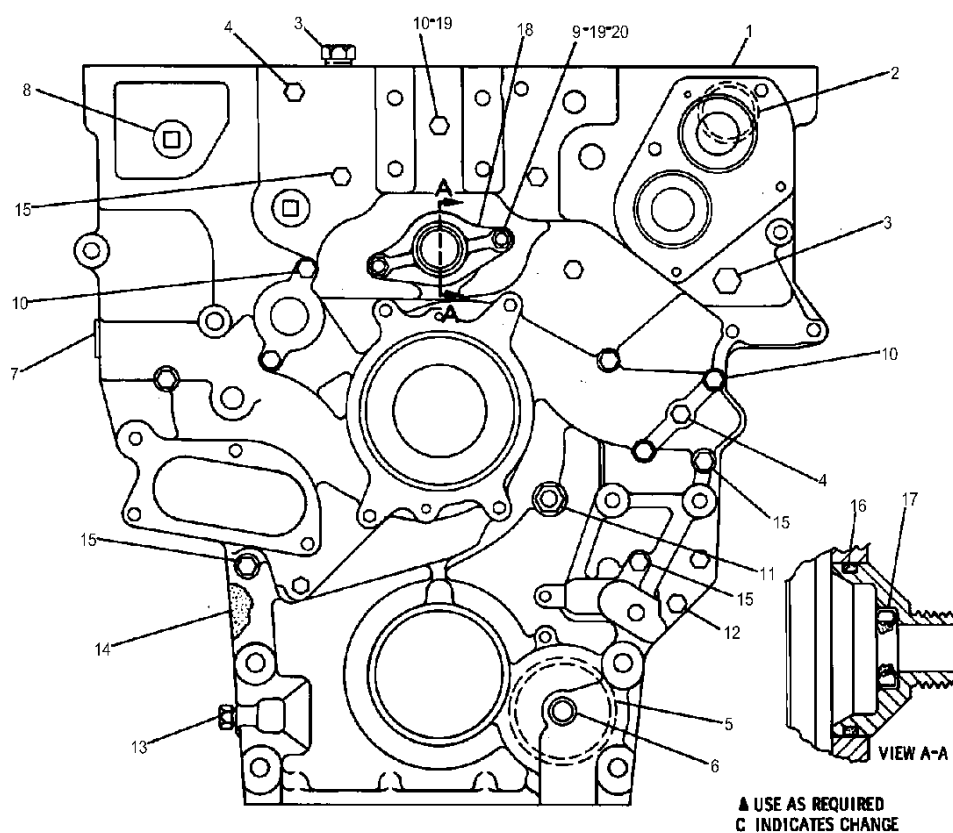
Ref.	Part number	Description	Qty	Code	Group page
1	9N-6473	BRACKET	1	C	
2	4F-8965	BOLT	2		
	5P-8244	WASHER	2	C	

CAT codes: C.

9N-1080 HOUSING GP-FRONT

9N1080 FRONT HOUSING GROUP Serial No. 79V1408 to 79V2830 inclusive

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9N357	HOUSING ASSEM. -----	1
		(Includes)	
2	3H5552	PLUG-----	1
3	3J5389	PLUG-----	2
4	5M6214	PLUG-----	3
5	9N242	BEARING-----	1
6	9N243	SHAFT-----	1
7	3B551	PLUG-----	1
8	1B5174	PLUG-----	3
9	1A7462	STUD-----	2
▲ 10	4B3903	BOLT---10.16 cm(4 in.) long-----	6
11	9L9412	FITTING-----	1
11	9L9389	CAP-----	1
12	4B3388	BOLT---2.85 cm(1.125 in.) long-----	2
13	3J5390	PLUG-----	1
14	9N258	GASKET-----	1
15	1D4541	BOLT---7.62 cm(3 in.) long-----	7
16	8M5661	SEAL-----	1
17	5P547	SEAL-----	1
18	9L7842	ADAPTER-----	1
19	1D4716	NUT-----	3
C 20	4B4277	WASHER-----	2

225699

Ref.	Part number	Description	Qty	Code	Group page
1	9N-0357	HOUSING ASSEM.	1		
	(Includes)				
2	3H-5552	PLUG	1		
3	3J-5389	PLUG	2		
4	5M-6214	PLUG	3		
5	9N-0242	BEARING	1		
6	9N-0243	SHAFT	1		
7	3B-0551	PLUG	1		
8	1B-5174	PLUG	3		
9	1A-7462	STUD	2		
10	4B-3903	BOLT 10.16cm(4 in.) long	6	H	
11	9L-9412	FITTING	1		
	9L-9389	CAP	1		
12	4B-3388	BOLT 2.85 cm(1.125 in.) long	2		
13	3J-5390	PLUG	1		
14	9N-0258	GASKET	1		

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