

CATERPILLAR 621B

35V / ZEBP0578

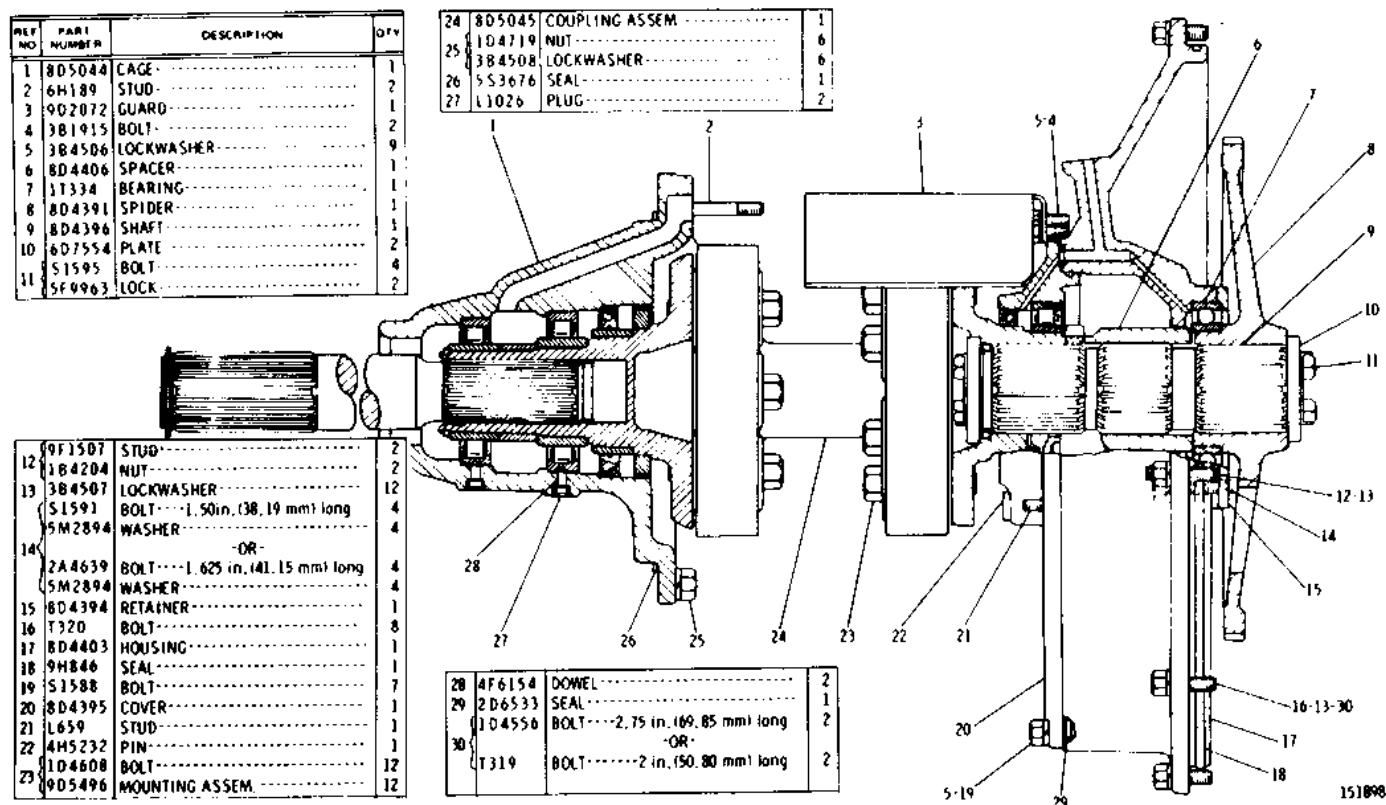
Contents

Section	Page
Power train	2
Power train	
Basic engine	
Hydraulic system	
Cooling system	
Basic engine	
Fuel system	
Air inlet and exhaust	

8D-4450 DRIVE SHAFT GROUP

8D4450 DRIVE SHAFT GROUP--Part 1 Serial No. 35V1 to 35V694

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8D-5044	CAGE	1		
2	6H-0189	STUD	2		
3	9D-2072	GUARD	1		
4	3B-1915	BOLT	2		
5	3B-4506	LOCKWASHER	9		
6	8D-4406	SPACER	1		
7	1T-0334	BEARING	1		
8	8D-4391	SPIDER	1		
9	8D-4396	SHAFT	1		
10	6D-7554	PLATE	2		
11	0S-1595	BOLT	4		
	5F-9963	LOCK	2		
12	9F-1507	STUD	2		
	1B-4204	NUT	2		
13	3B-4507	LOCKWASHER	12		
14	0S-1591	BOLT 1.50in.(38.19 mm) long	4		
	5M-2894	WASHER	4		

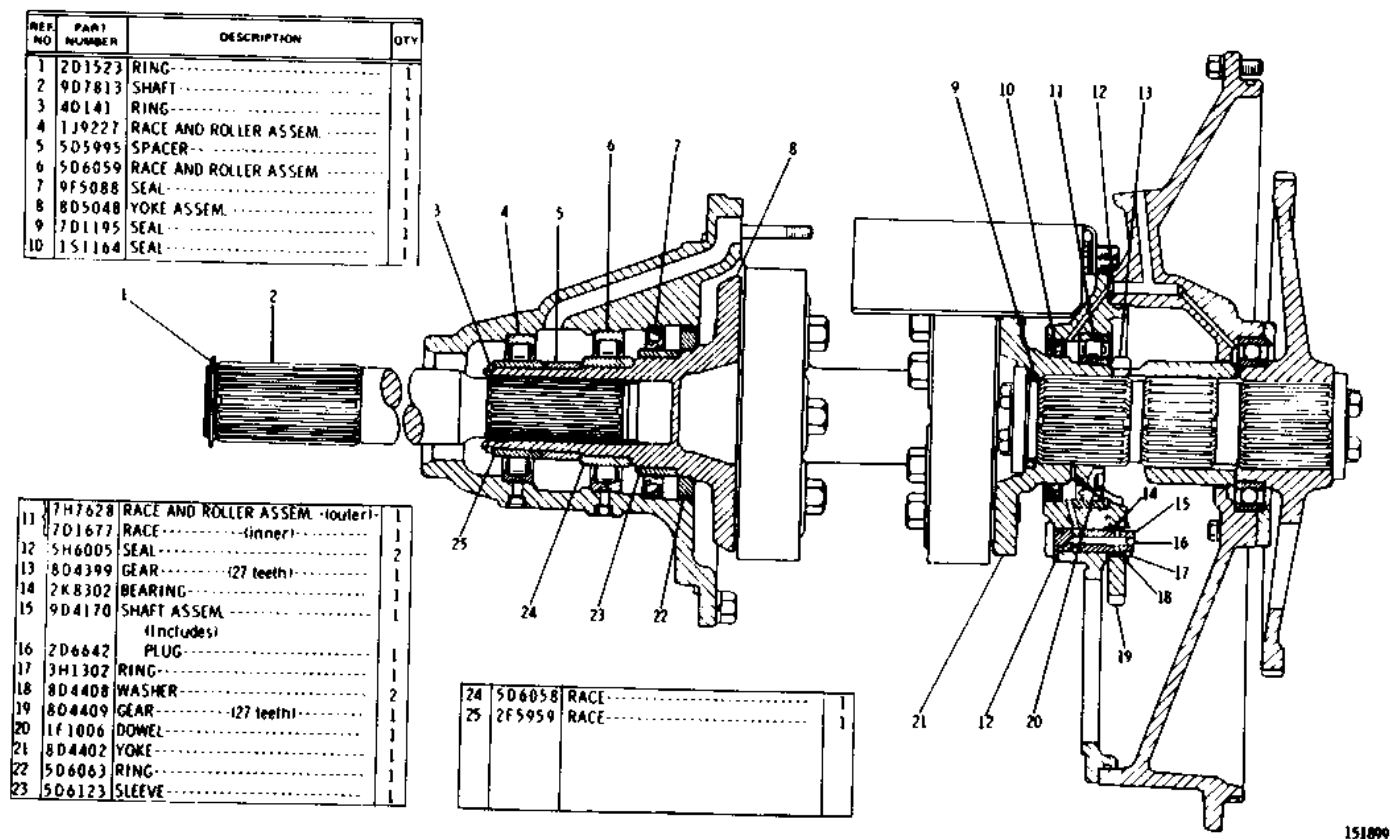
8D-4450 DRIVE SHAFT GROUP (continued)

Ref.	Part number	Description	Qty.	Code	Group page
OR alternate consist option CAT source: -OR-					
	2A-4639	BOLT 1.625 in.(41.15 mm) long	4		
	5M-2894	WASHER	4		
15	8D-4394	RETAINER	1		
16	0T-0320	BOLT	8		
17	8D-4403	HOUSING	1		
18	9H-0846	SEAL	1		
19	0S-1588	BOLT	7		
20	8D-4395	COVER	1		
21	0L-0659	STUD	1		
22	4H-5232	PIN	1		
23	1D-4608	BOLT	12		
	9D-5496	MOUNTING ASSEM.	12		
24	8D-5045	COUPLING ASSEM.	1		
25	1D-4719	NUT	6		
	3B-4508	LOCKWASHER	6		
26	5S-3676	SEAL	1		
27	0L-1026	PLUG	2		
28	4F-6154	DOWEL	2		
29	2D-6533	SEAL	1		
30	1D-4556	BOLT 2.75 in.(69.85 mm) long	2		
OR alternate consist option CAT source: -OR-					
	0T-0319	BOLT 2 in.(50.80 mm) long	2		

8D-4450 DRIVE SHAFT GROUP

8D4450 DRIVE SHAFT GROUP--Part 2 of 2 Serial No. 35V1 to 35V694

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2D-1523	RING	1		
2	9D-7813	SHAFT	1		
3	4D-0141	RING	1		
4	1J-9227	RACE AND ROLLER ASSEM.	1		
5	5D-5995	SPACER	1		
6	5D-6059	RACE AND ROLLER ASSEM.	1		
7	9F-5088	SEAL	1		
8	8D-5048	YOKE ASSEM.	1		
9	7D-1195	SEAL	1		
10	1S-1164	SEAL	1		
11	7H-7628	RACE AND ROLLER ASSEM. (outer)	1		
	7D-1677	RACE (inner)	1		
12	5H-6005	SEAL	2		
13	8D-4399	GEAR (27 teeth)	1		
14	2K-8302	BEARING	1		
15	9D-4170	SHAFT ASSEM.	1		

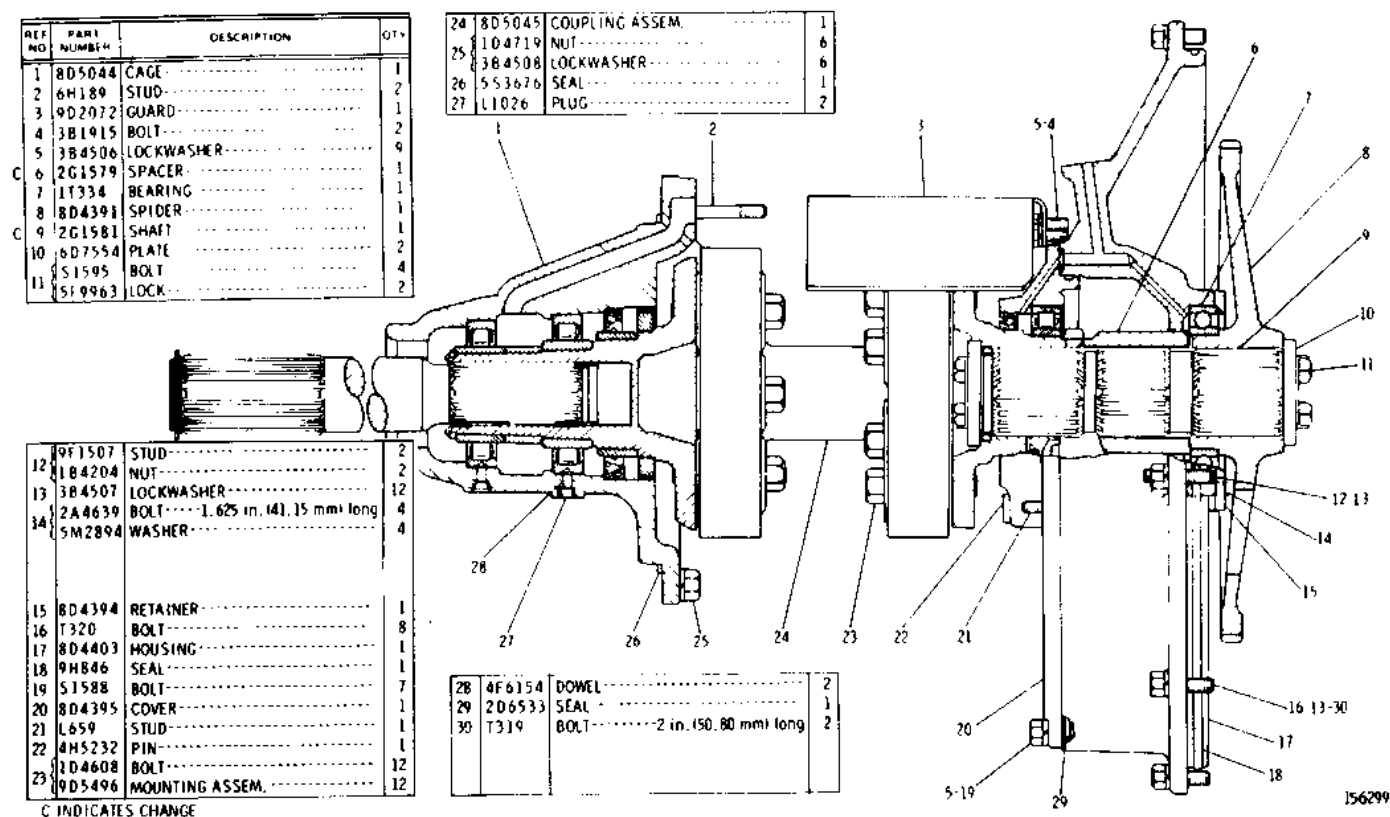
8D-4450 DRIVE SHAFT GROUP (continued)

Ref.	Part number	Description	Qty.	Code	Group page
(Includes)					
16	2D-6642	PLUG	1		
17	3H-1302	RING	1		
18	8D-4408	WASHER	2		
19	8D-4409	GEAR (27 teeth)	1		
20	1F-1006	DOWEL	1		
21	8D-4402	YOKE	1		
22	5D-6063	RING	1		
23	5D-6123	SLEEVE	1		
24	5D-6058	RACE	1		
25	2F-5959	RACE	1		

8D-4450 DRIVE SHAFT GROUP

8D4450 DRIVE SHAFT GROUP--Part 1 of 2 Serial No. 35V695 to 35V865

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8D-5044	CAGE	1		
2	6H-0189	STUD	2		
3	9D-2072	GUARD	1		
4	3B-1915	BOLT	2		
5	3B-4506	LOCKWASHER	9		
6	2G-1579	SPACER	1	C	
7	1T-0334	BEARING	1		
8	8D-4391	SPIDER	1		
9	2G-1581	SHAFT	1	C	
10	6D-7554	PLATE	2		
11	OS-1595	BOLT	4		
	5F-9963	LOCK	2		
12	9F-1507	STUD	2		
	1B-4204	NUT	2		
13	3B-4507	LOCKWASHER	12		
14	2A-4639	BOLT 1.625 in.(41.15 mm) long	4		
	5M-2894	WASHER	4		

8D-4450 DRIVE SHAFT GROUP (continued)

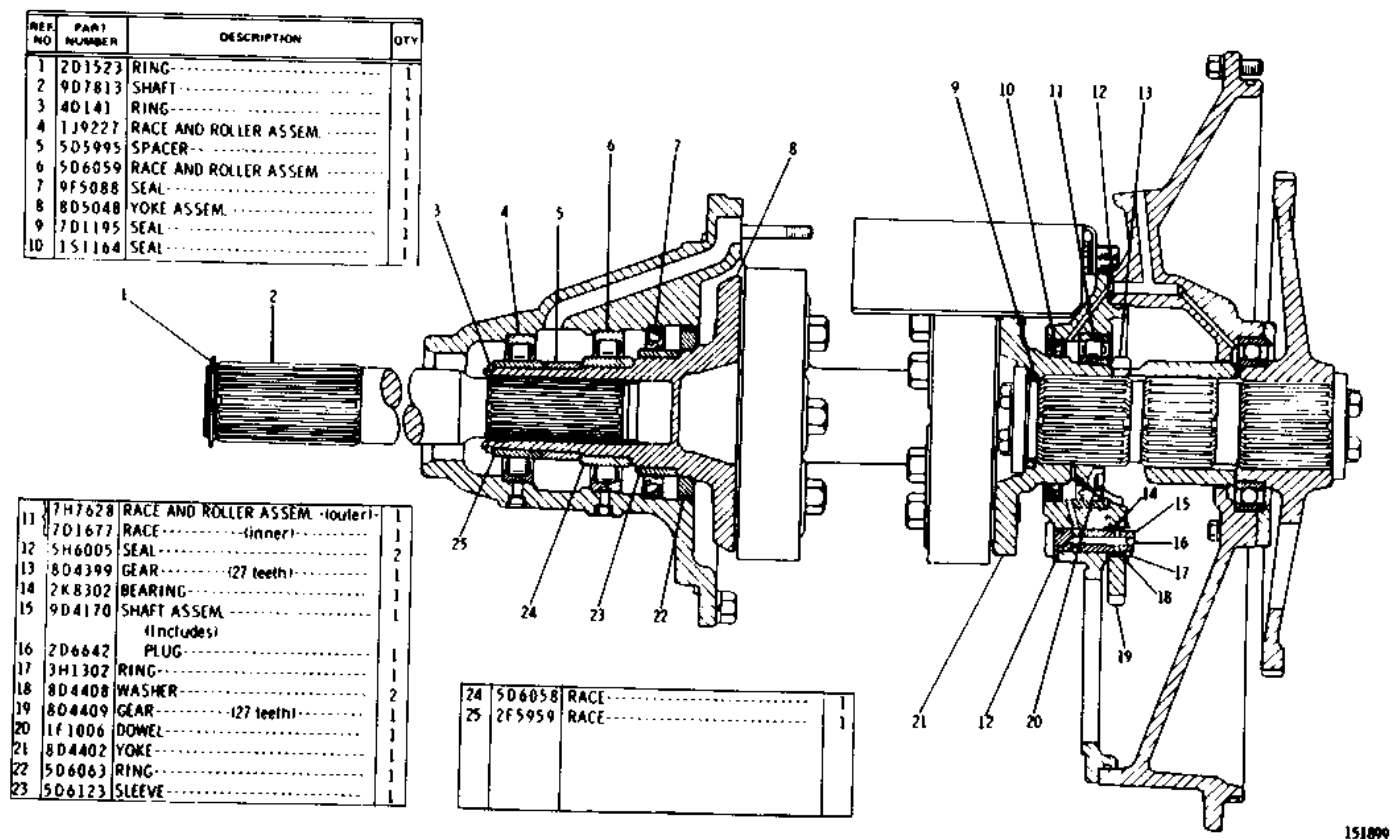
Ref.	Part number	Description	Qty	Code	Group page
15	8D-4394	RETAINER	1		
16	0T-0320	BOLT	8		
17	8D-4403	HOUSING	1		
18	9H-0846	SEAL	1		
19	0S-1588	BOLT	7		
20	8D-4395	COVER	1		
21	0L-0659	STUD	1		
22	4H-5232	PIN	1		
23	1D-4608	BOLT	12		
	9D-5496	MOUNTING ASSEM.	12		
24	8D-5045	COUPLING ASSEM.	1		
25	1D-4719	NUT	6		
	3B-4508	LOCKWASHER	6		
26	5S-3676	SEAL	1		
27	0L-1026	PLUG	2		
28	4F-6154	DOWEL	2		
29	2D-6533	SEAL	1		
30	0T-0319	BOLT 2 in.(50.80 mm) long	2		

CAT codes: C.

8D-4450 DRIVE SHAFT GROUP

8D4450 DRIVE SHAFT GROUP--Part 2 of 2 Serial No. 35V695 to 35V865

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2D-1523	RING	1		
2	9D-7813	SHAFT	1		
3	4D-0141	RING	1		
4	1J-9227	RACE AND ROLLER ASSEM.	1		
5	5D-5995	SPACER	1		
6	5D-6059	RACE AND ROLLER ASSEM.	1		
7	9F-5088	SEAL	1		
8	8D-5048	YOKE ASSEM.	1		
9	7D-1195	SEAL	1		
10	1S-1164	SEAL	1		
11	7H-7628	RACE AND ROLLER ASSEM. (outer)	1		
	7D-1677	RACE (inner)	1		
12	5H-6005	SEAL	2		
13	8D-4399	GEAR (27 teeth)	1		
14	2K-8302	BEARING	1		
15	9D-4170	SHAFT ASSEM.	1		

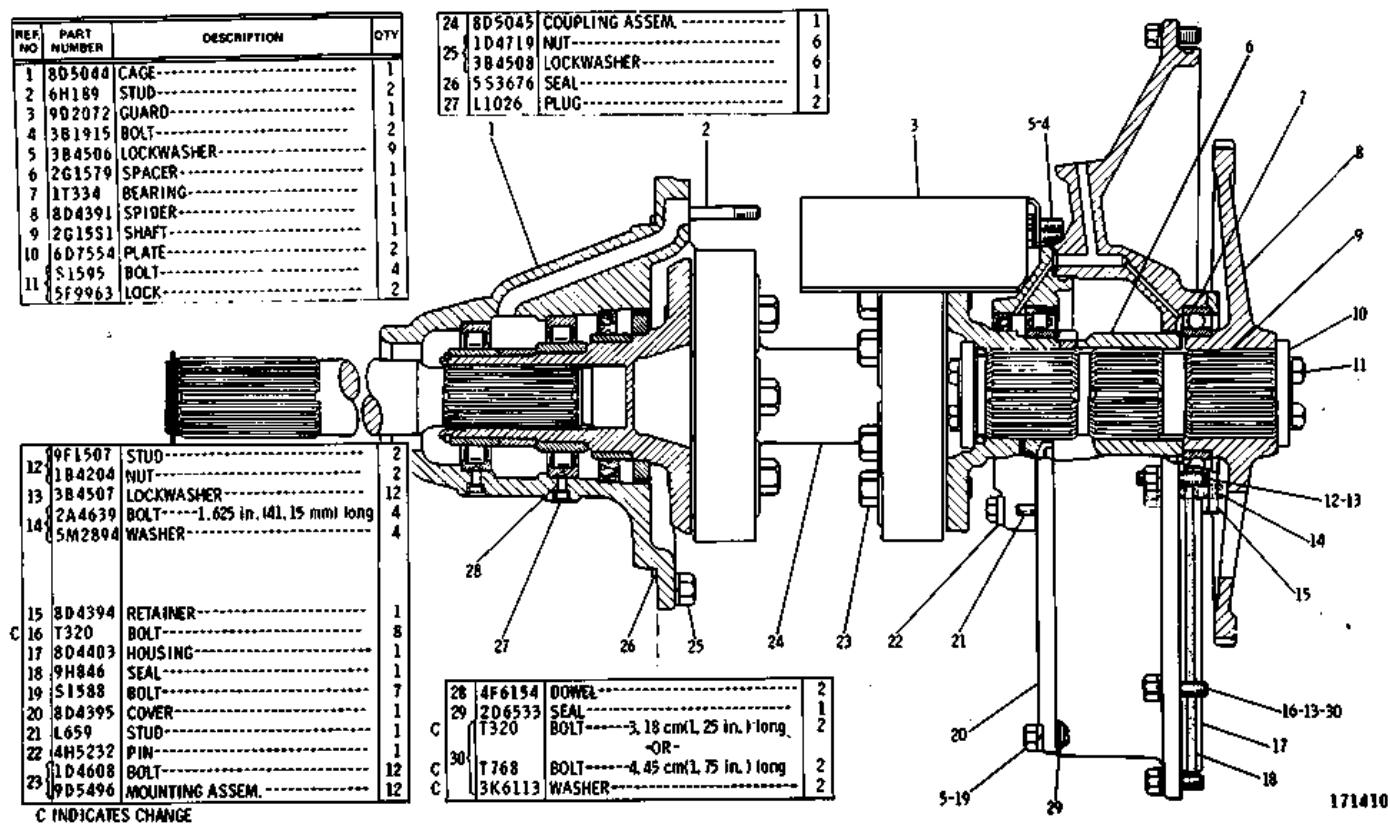
8D-4450 DRIVE SHAFT GROUP (continued)

Ref.	Part number	Description	Qty.	Code	Group page
(Includes)					
16	2D-6642	PLUG	1		
17	3H-1302	RING	1		
18	8D-4408	WASHER	2		
19	8D-4409	GEAR (27 teeth)	1		
20	1F-1006	DOWEL	1		
21	8D-4402	YOKE	1		
22	5D-6063	RING	1		
23	5D-6123	SLEEVE	1		
24	5D-6058	RACE	1		
25	2F-5959	RACE	1		

8D-4450 DRIVE SHAFT GROUP

8D4450 DRIVE SHAFT GROUP--Part 1 of 2 Serial No. 35V866 to 35V1073

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8D-5044	CAGE	1		
2	6H-0189	STUD	2		
3	9D-2072	GUARD	1		
4	3B-1915	BOLT	2		
5	3B-4506	LOCKWASHER	9		
6	2G-1579	SPACER	1		
7	1T-0334	BEARING	1		
8	8D-4391	SPIDER	1		
9	2G-1581	SHAFT	1		
10	6D-7554	PLATE	2		
11	0S-1595	BOLT	4		
	5F-9963	LOCK	2		
	9F-1507	STUD	2		
	1B-4204	NUT	2		
13	3B-4507	LOCKWASHER	12		
14	2A-4639	BOLT 1.625 in.(41.15 mm) long	4		
	5M-2894	WASHER	4		

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