

CATERPILLAR 311-A

9LJ / XEBP7236

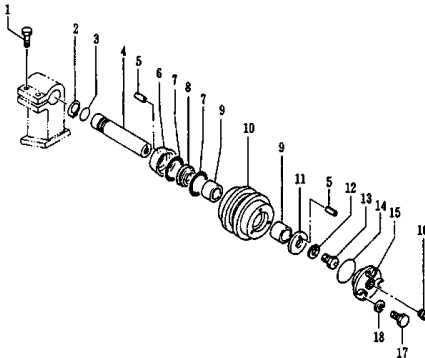
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Hydraulic system	

CARRIER ROLLER

CARRIER ROLLER

Drawing 1 of 1



QTY	NO.	PART NO.	Q' TY	PART NAME	NOTE	NO.	PART NO.	Q' TY	PART NAME
	1	096-7212	4	BOLT					
	2~18	093-6946	2	CARRIER ROLLER AS.					
	2	8T-4241	2	RING					
	3	6V-7660	2	O-RING					
	4	093-6948	2	SHAFT					
	5	095-0884	4	PIN					
	6	093-6949	2	SUPPORT					
	7	093-1361	4	O-RING					
	8	093-1411	2	SEAL					
	9	093-6951	4	BUSHING					
	10	093-6947	2	ROLLER					
	11	093-6950	2	WASHER					
	12	095-0831	2	WASHER					
	13	095-2935	2	BOLT					
	14	6V-7609	2	O-RING					
	15	093-4886	2	COVER					
	16	095-0967	2	PLUG					
	17	095-0486	6	BOLT					
	18	095-0816	6	WASHER					

Ref.	Part number	Description	Qty	Code	Group page
1	096-7212	BOLT	4		
2~18	093-6946	CARRIER ROLLER AS.	2		
2	8T-4241	RING	2		
3	6V-7660	O-RING	2		
4	093-6948	SHAFT	2		
5	095-0884	PIN	4		
6	093-6949	SUPPORT	2		
7	093-1361	O-RING	4		
8	093-1411	SEAL	2		
9	093-6951	BUSHING	4		
10	093-6947	ROLLER	2		
11	093-6950	WASHER	2		
12	095-0831	WASHER	2		
13	095-2935	BOLT	2		

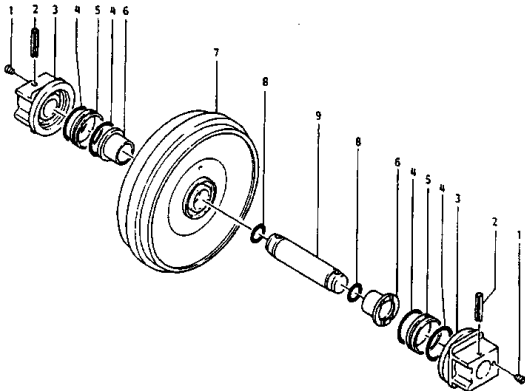
CARRIER ROLLER (continued)

Ref.	Part number	Description	Qty	Code	Group page
14	6V-7609	O-RING	2		
15	093-4986	COVER	2		
16	095-0967	PLUG	2		
17	095-0486	BOLT	6		
18	095-0816	WASHER	6		

IDLER WHEEL

IDLER WHEEL

Drawing 1 of 1



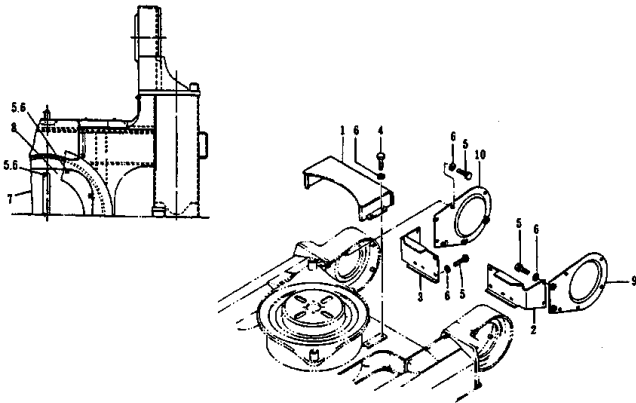
ITEM	NO.	PART NO.	Q' TY	PART NAME	NOTE	NO.	PART NO.	Q' TY	PART NAME
	1~9	093-6937	2	IDLER WHEEL AS.					
	1	095-0965	4	PLUG					
	2	095-0902	4	PIN					
	3	093-6938	4	BEARING					
	4	096-6279	8	O-RING					
	5	096-0883	4	SEAL					
	6	093-1837	4	BUSHING					
	7	096-0272	2	WHEEL					
	8	8T-6346	4	O-RING					
	9	093-1696	2	SHAFT					

Ref.	Part number	Description	Qty	Code	Group	page
1~9	093-6937	IDLER WHEEL AS.	2			
1	095-0965	PLUG	4			
2	095-0902	PIN	4			
3	093-6938	BEARING	4			
4	096-6279	O-RING	8			
5	096-0883	SEAL	4			
6	093-1837	BUSHING	4			
7	096-0272	WHEEL	2			
8	8T-6346	O-RING	4			
9	093-1696	SHAFT	2			

LOWER STRUCTURE COVER

LOWER STRUCTURE COVER

Drawing 1 of 1



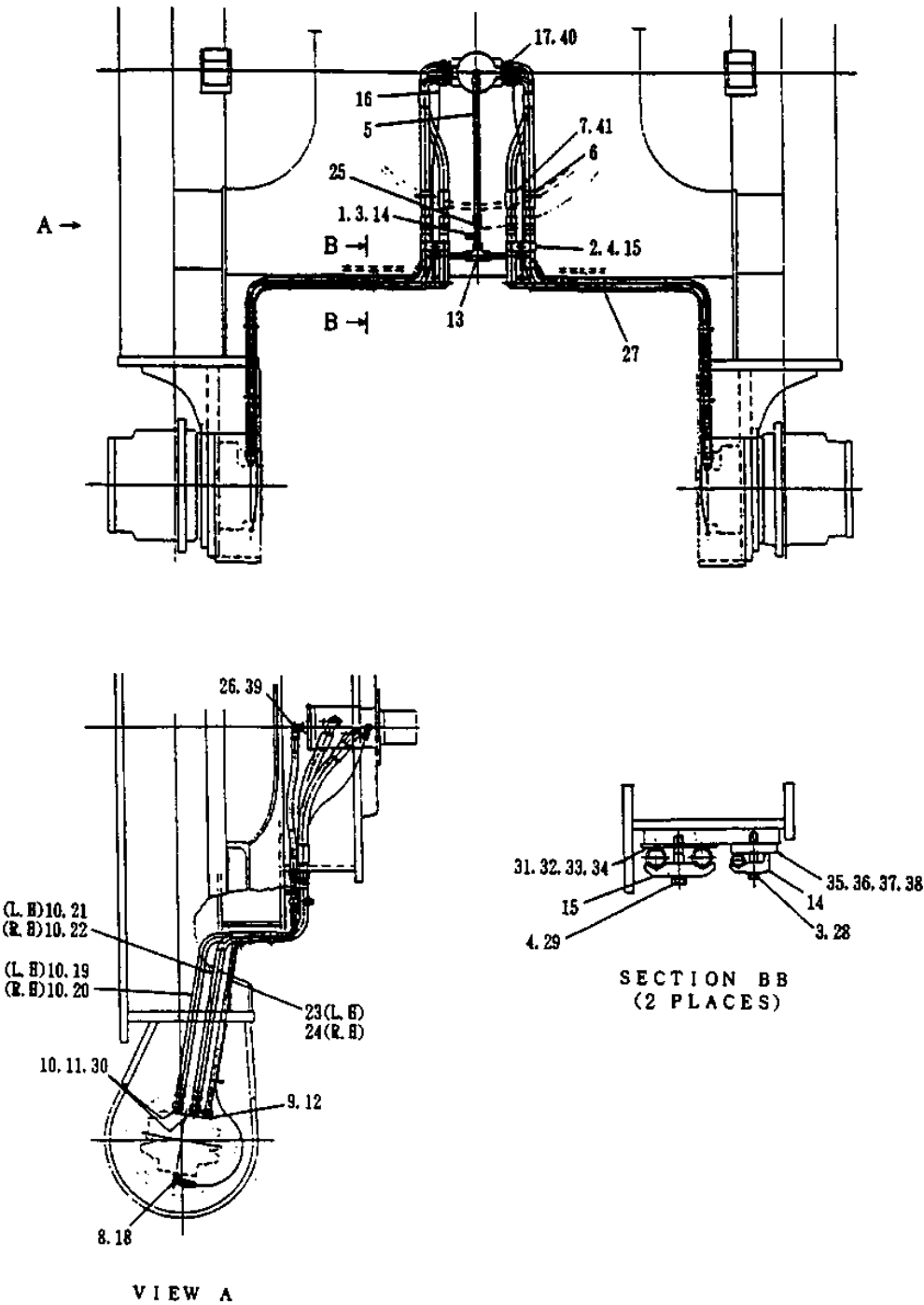
ITE	NO.	PART NO.	Q' TY	PART NAME	NOTE	NO.	PART NO.	Q' TY	PART NAME
	1	096-7959	1	COVER					
	2	096-7960	1	COVER					
	3	096-7961	1	COVER					
	4	099-4691	4	BOLT					
	5	086-0207	37	BOLT					
	6	5P-8245	41	WASHER					
	7	085-8493	1	COVER-UNDER					
	8	085-8494	1	COVER-UNDER					
	9	086-1331	1	COVER-MOTER (L.H)					
	10	086-1332	1	COVER-MOTER (R.H)					

Ref.	Part number	Description	Qty	Code	Group page
1	096-7959	COVER	1		
2	096-7960	COVER	1		
3	096-7961	COVER	1		
4	099-4691	BOLT	4		
5	086-0207	BOLT	37		
6	5P-8245	WASHER	41		
7	085-8493	COVER-UNDER	1		
8	085-8494	COVER-UNDER	1		
9	086-1331	COVER-MOTER (L. H)	1		
10	086-1332	COVER-MOTER (R. H)	1		

LOWER STRUCTURE PIPING

LOWER STRUCTURE PIPING

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8T-4186	BOLT	1		
2	8T-4910	BOLT	2		
3	7X-0623	WASHER	3		
4	7X-0622	WASHER	4		
5	099-1410	HOSE	1		

LOWER STRUCTURE PIPING (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	120-8064	HOSE	2		
7	122-2973	HOSE	2		
8	095-1579	O-RING	2		
9	095-1585	O-RING	2		
10	6V-9746	O-RING	8		
11	095-1592	O-RING	4		
12	095-1451	CONNECTOR	2		
13	095-1481	T-JOINT	1		
14	093-1290	CLAMP	3		
15	093-1295	CLAMP	4		
16	122-2974	HOSE	2		
17	2R-6806	CONNECTOR	2		
18	122-2975	90degrees ELBOE	2		
19	122-2976	PIPE(L. H)	1		
20	122-2977	PIPE(R. H)	1		
21	122-2978	PIPE(L. H)	1		
22	122-2979	PIPE(R. H)	1		
23	122-2980	PIPE(L. H)	1		
24	122-2981	PIPE(R. H)	1		
25	085-8513	DRAIN PIPE	1		
26	4I-9197	90degrees ELBOE	1		
27	096-0061	BAND	14		
28	085-8091	BOLT	2		
29	096-9986	BOLT	2		
20	086-2746	CONNECTOR	4		
31	096-1850	SHIM		B	
32	096-1851	SHIM		B	
33	096-1852	SHIM		B	
34	096-1853	SHIM		B	
35	096-1344	SHIM		B	
36	096-1345	SHIM		B	
37	096-1346	SHIM		B	
38	1R-9744	SHIM		B	

LOWER STRUCTURE PIPING (continued)

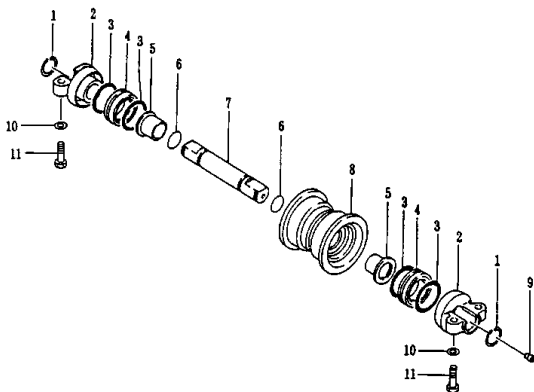
Ref.	Part number	Description	Qty	Code	Group page
39	3K-0360	SEAL	2		
40	3J-1907	SEAL	2		
41	4I-8889	SEAL	8		

CAT codes: B.

TRACK ROLLER

TRACK ROLLER

Drawing 1 of 1

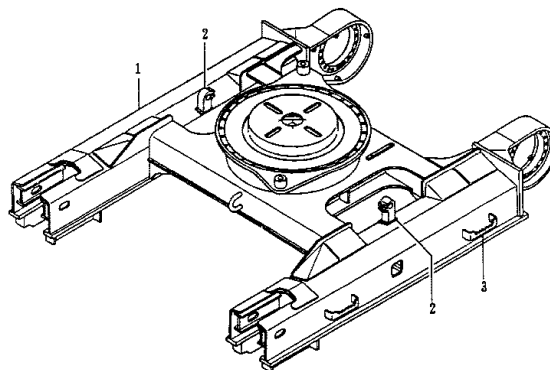


NOTE	NO.	PART NO.	Q' TY	PART NAME	NOTE	NO.	PART NO.	Q' TY	PART NAME
	1~9	093-8747	14	TORACK ROLLER AS.					
	1	093-1733	28	RING					
	2	093-8748	28	COLLAR					
	3	096-0246	56	O-RING					
	4	096-0655	28	SEAL					
	5	093-1844	28	BUSHING					
	6	095-1545	28	O-RING					
	7	093-8749	14	SHAFT					
	8	093-8750	14	ROLLER					
	9	095-0966	14	PLUG					
	10	096-5861	56	WASHER					
	11	096-7212	56	BOLT					

Ref.	Part number	Description	Qty	Code	Group page
1~9	093-8747	TORACK ROLLER AS.	14		
1	093-1733	RING	28		
2	093-8748	COLLAR	28		
3	096-0246	O-RING	56		
4	096-0655	SEAL	28		
5	093-1844	BUSHING	28		
6	095-1545	O-RING	28		
7	093-8749	SHAFT	14		
8	093-8750	ROLLER	14		
9	095-0966	PLUG	14		
10	096-5861	WASHER	56		
11	096-7212	BOLT	56		

BASE FRAME

Drawing 1 of 1



QTY	NO.	PART NO.	Q' TY	PART NAME	NOTE	NO.	PART NO.	Q' TY	PART NAME
	1	086-3288	1	BASE FRAME					
	2	085-7057	2	STAY					
	3	7Y-2481	4	STEP					

Ref.	Part number	Description	Qty	Code	Group page
1	086-3288	BASE FRAME	1		
2	085-7057	STAY	2		
3	7Y-2481	STEP	4		

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