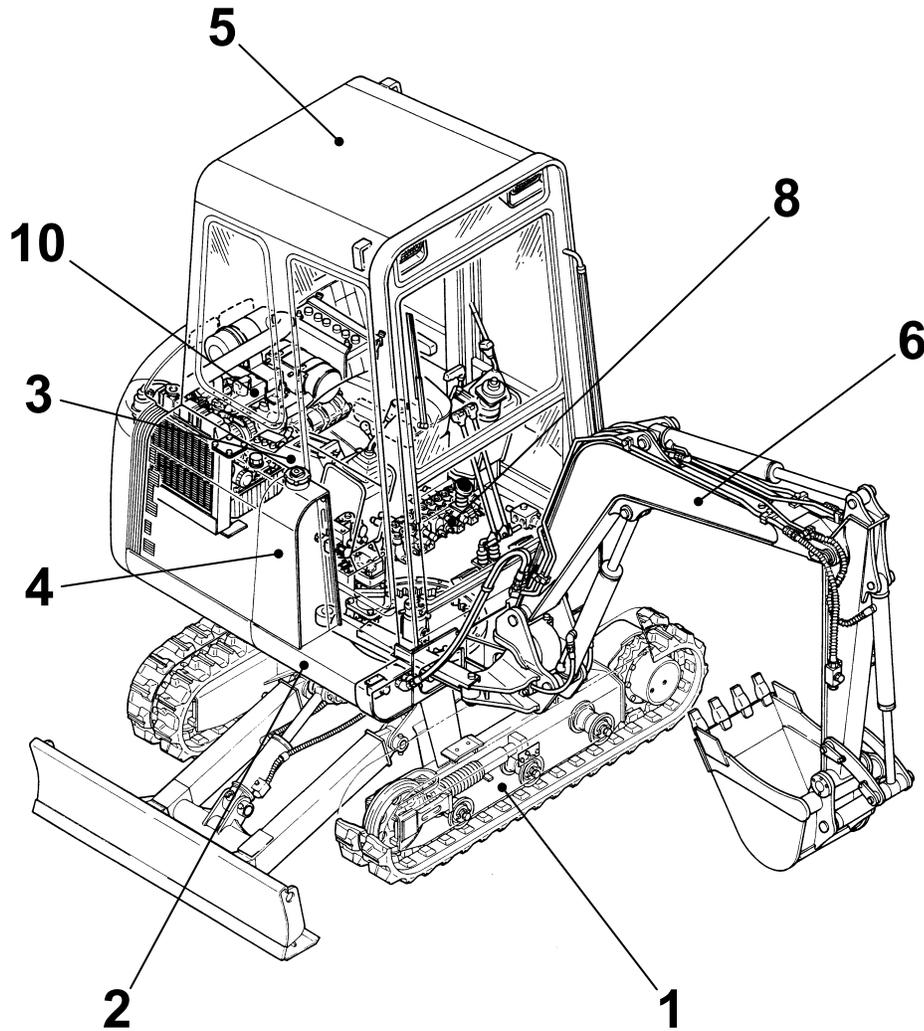


TB020

Book No. PD3-102Z4

Serial No. 1205001-1205750



TAKEUCHI

Product: Takeuchi TB020 Mini Compact Excavator Workshop Part Manual(Book No.PD3-102Z4)

Full Download: <https://www.arepairmanual.com/downloads/takeuchi-tb020-mini-compact-excavator-workshop-part-manualbook-no-pd3-102z4/>

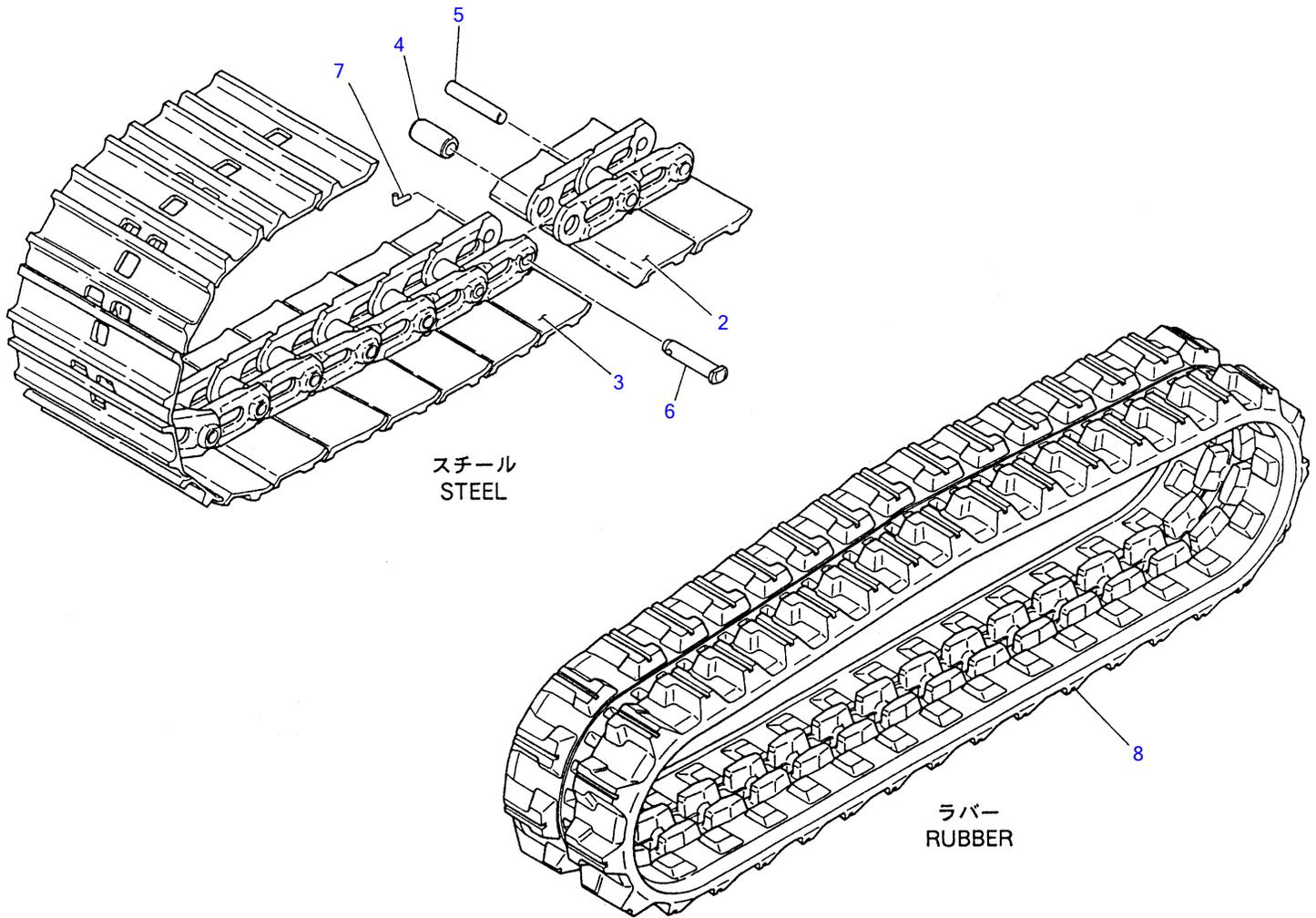
Sample of manual. Download All 295 pages at:

<https://www.arepairmanual.com/downloads/takeuchi-tb020-mini-compact-excavator-workshop-part-manualbook-no-pd3-102z4/>

Item	Part number	Description	Index				Remarks
			Q'ty	Chan.	Serial No.	Serv.	
1		UNDERCARRIAGE					
2		TURNTABLE & CONTROL LEVER					
3		ENGINE & ELECTRICAL SYSTEM					
4		HYDRAULIC PIPNG & TANK					
5		COVER & CAB					
6		HOE ATTACHMENT					
7		DECAL & TOOL					
8		HYDRAULIC DEVICE					
10		ENGINE					
99		Kits, Attachments and Quick Reference					

LOWER FRAME						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
Item	Part number	Description	?	Chan.	Serial No.	Remarks
1	X *****	FRAME	1			
2	0341000700	COVER	2			
3	0341005200	COVER	1			
4	0341004000	COVER	2			
5	1100040816	BOLT	8			
6	1100041016	BOLT	6			
7	1140020008	WASHER, spring	8			
8	1141110008	WASHER	4			
9	1141110010	WASHER	6			
10	1913003850	BEARING	1			
11	1913003859	· SEAL	1			
12	0352000100	BOLT	1			
13	1101051265	BOLT	31			
14	1141540012	WASHER	16			
15	0341202100	SLIDE, shoe	2			
16	1110051020	SCREW, cap	4			
17	0072100100	PLATE	1			
18	1904006400	JOINT, swivel	1			
19	1101041225	BOLT	2			
20	1140020012	WASHER, spring	2			
21	1100050830	BOLT	4		1205001~#	
	1100050825	BOLT	4		#~	
22	1140020008	WASHER, spring	4			
23	1130050008	NUT	4		1205001~#	
24	1140020010	WASHER, spring	6			
25	1141110008	WASHER	4			

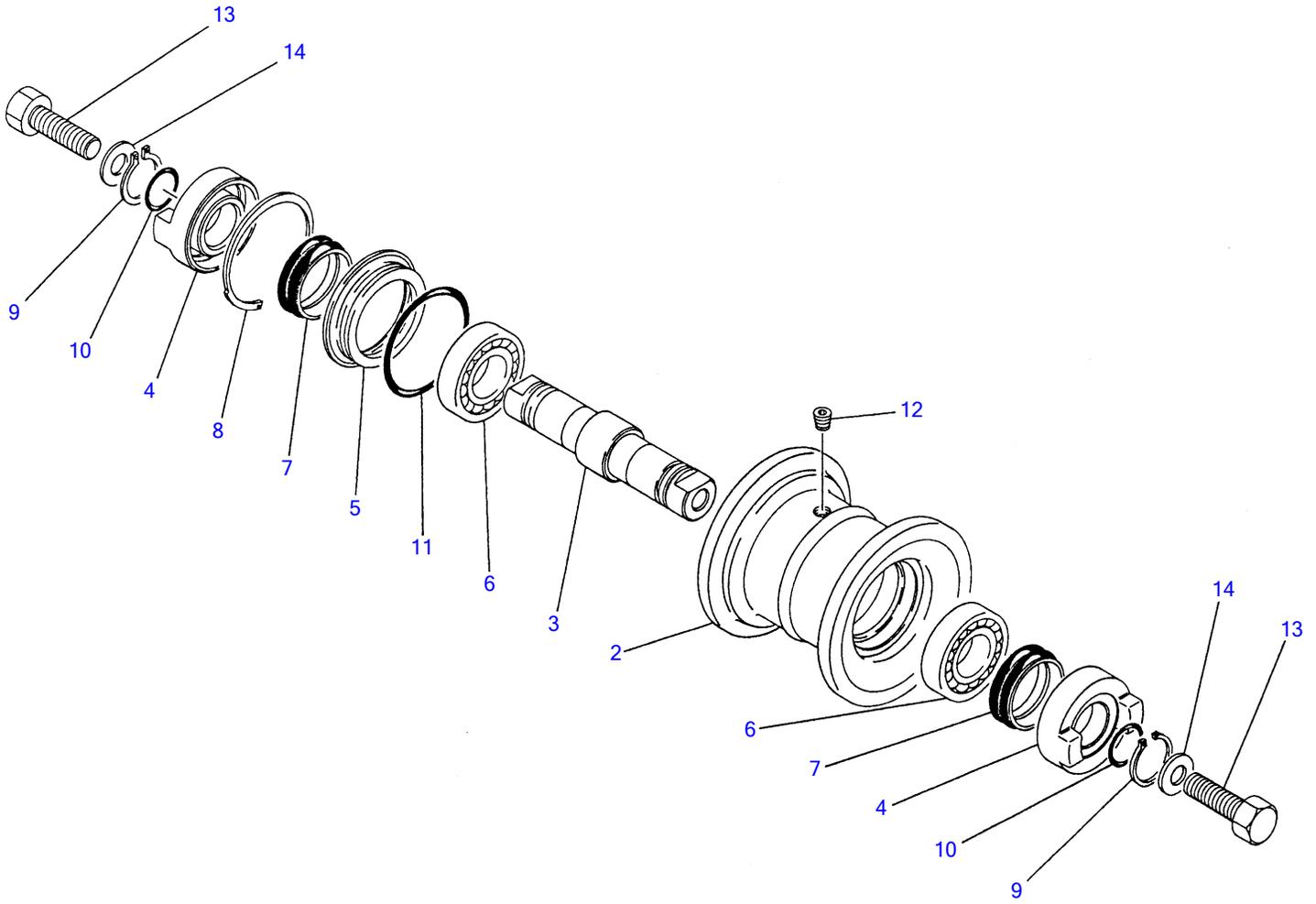
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CRAWLER BELT

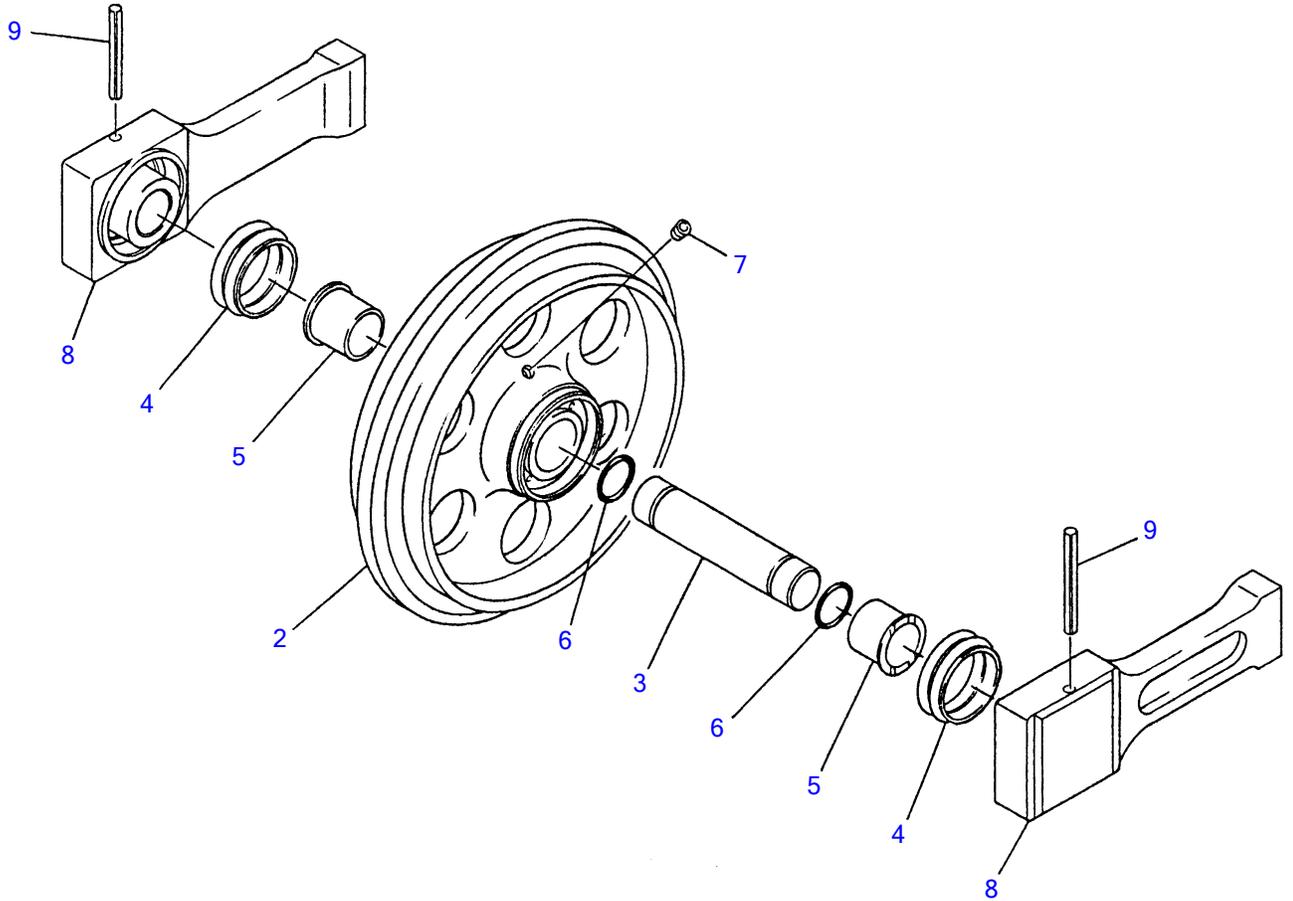
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	1914070400	BELT ASSY, crawler	2				steel
2	1914070413	▪ PLATE ASSY	35				
3	1914070414	▪ PLATE ASSY, master	1				
4	1914070405	▪ BUSHING	36				
5	1914070406	▪ PIN, track	35				
6	1914070407	▪ PIN, master	1				
7	1914053508	▪ PIN, cotter	1				
8	1914078100	CRAWLER BELT	2		old type		rubber
	1914078300	CRAWLER BELT	2	(H)	new type		rubber, short pitch
	D302a1L						



D3-04a-0-D

TRACK ROLLER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0341300100	ROLLER ASSY	6				
2	0341300200	▪ ROLLER	1				
3	0341300300	▪ SHAFT	1				
4	0431300300	▪ COVER, seal	2				
5	0341300400	▪ RETAINER	1				
6	1300006206	▪ BEARING	2				
7	1432500450	▪ SEAL, floating	2				
8	1222015080	▪ RING, seeger	1				
9	1220000030	▪ RING, snap	2				
10	1420700250	▪ O-RING	2				
11	1420700650	▪ O-RING	1				
12	1501810001	▪ PLUG	1				
13	1101051440	BOLT	12				
14	1141540014	WASHER	12				
	D304a0L						

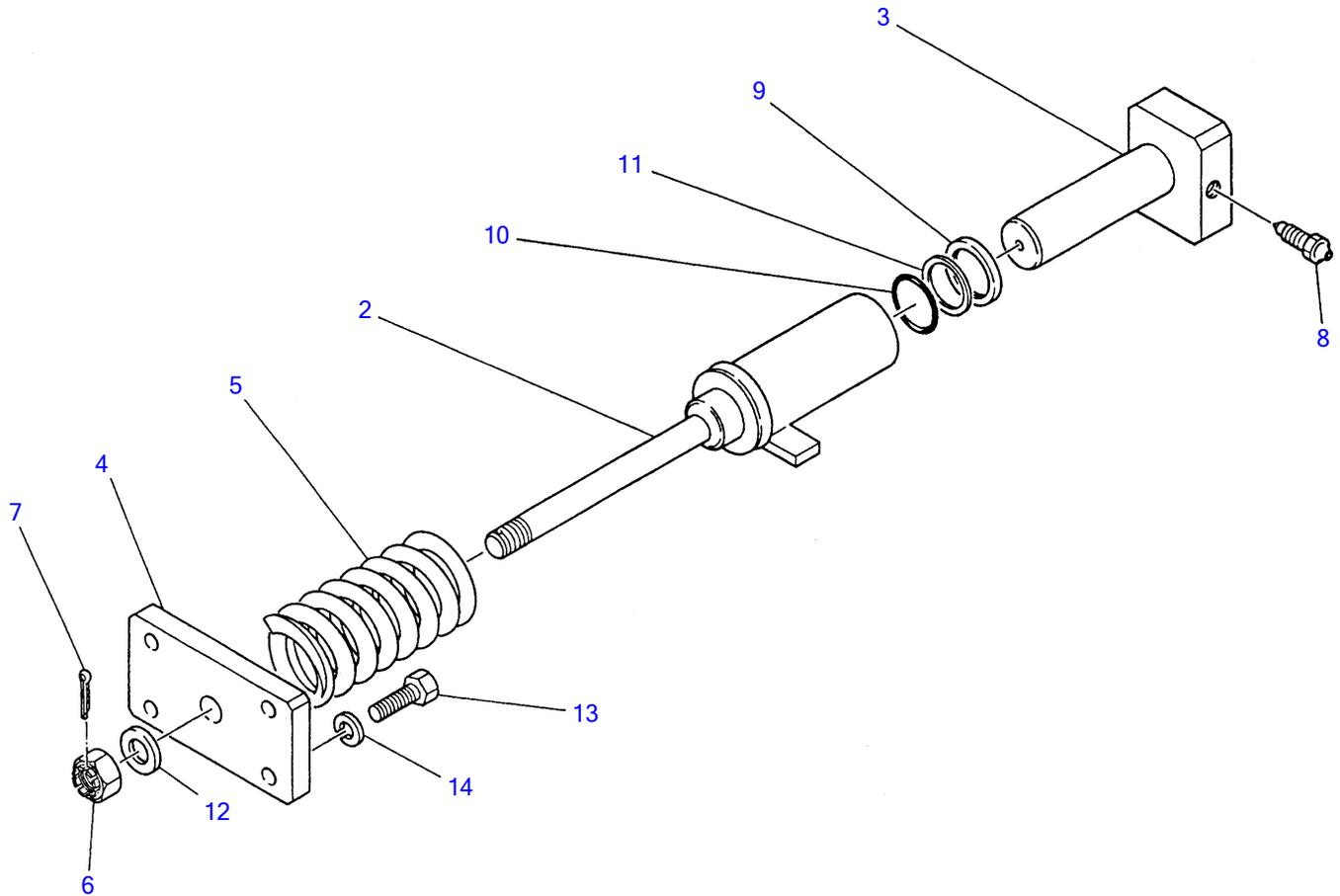


D3-05a-0-D

FRONT IDLER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0341401000	IDLER ASSY, front	2				
2	0341401100	▪ IDLER, front	1				
3	0341400300	▪ SHAFT	1				
4	1432500560	▪ SEAL, floating	2				
5	1333073535	▪ BUSHING	2				
6	1420700300	▪ O-RING	2				
7	1501810001	▪ PLUG	1				
8	0341400200	▪ BLOCK	2				
9	1213100885	▪ PIN, spring	2				
	D305a0L						

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TRACK ADJUSTER

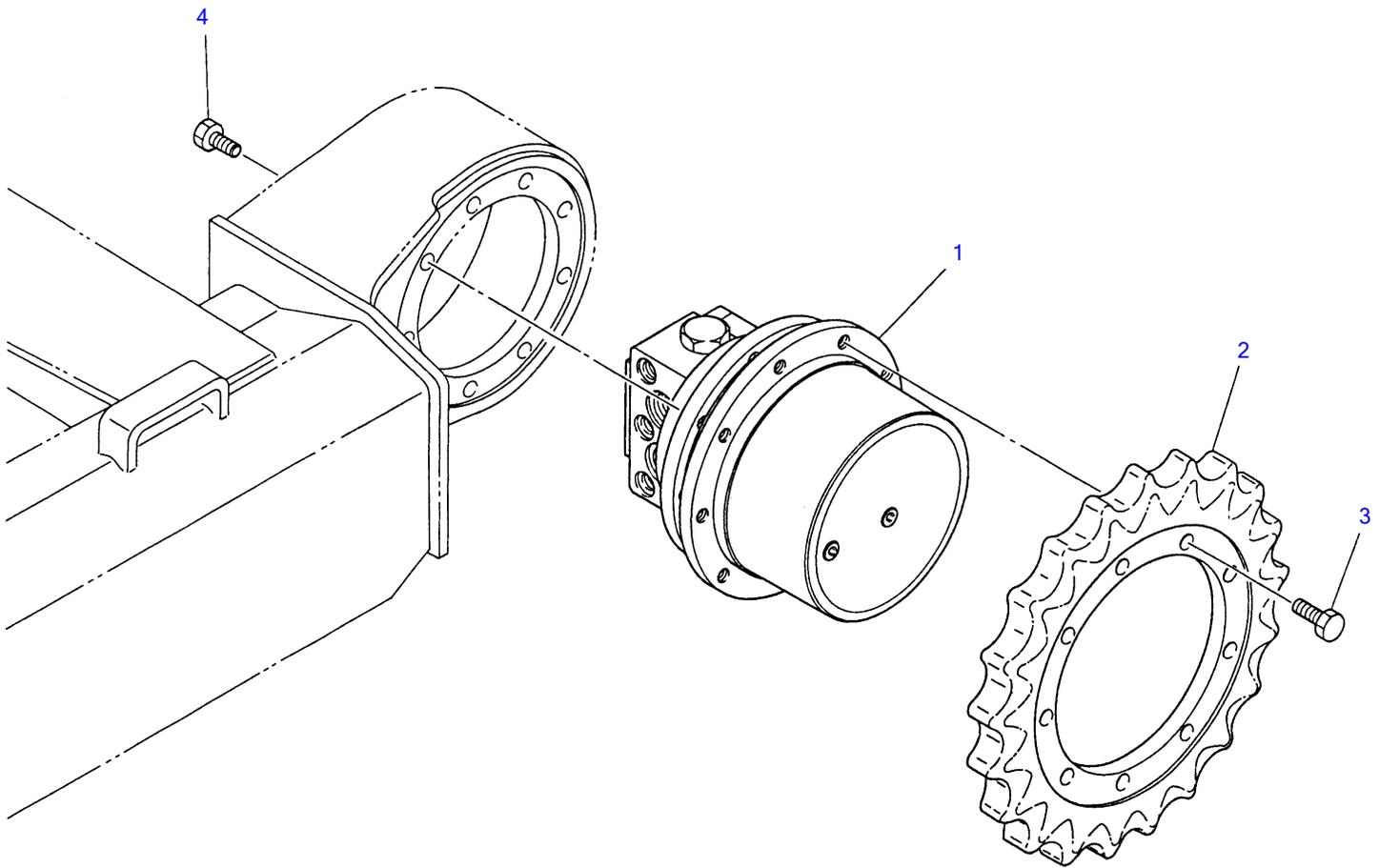


D3-06a-0-D

TRACK ADJUSTER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0341501100	CUSHION ASSY	2				
2	0341501200	▪ CYLINDER	1				
3	0341501300	▪ PISTON	1				
4	0341500400	▪ PLATE	1				
5	0161506100	▪ SPRING	1				
6	1132030020	▪ NUT	1				
7	1210000440	▪ PIN, split	1				
8	1541300501	▪ VALVE ASSY, check	1				
9	1400402340	▪ SEAL, oil	1				
10	1420010400	▪ O-RING	1				
11	1421020400	▪ RING, back-up	1				
12	1141540020	▪ WASHER	1				
13	1101051240	BOLT	8				
14	1140010012	WASHER, spring	8				

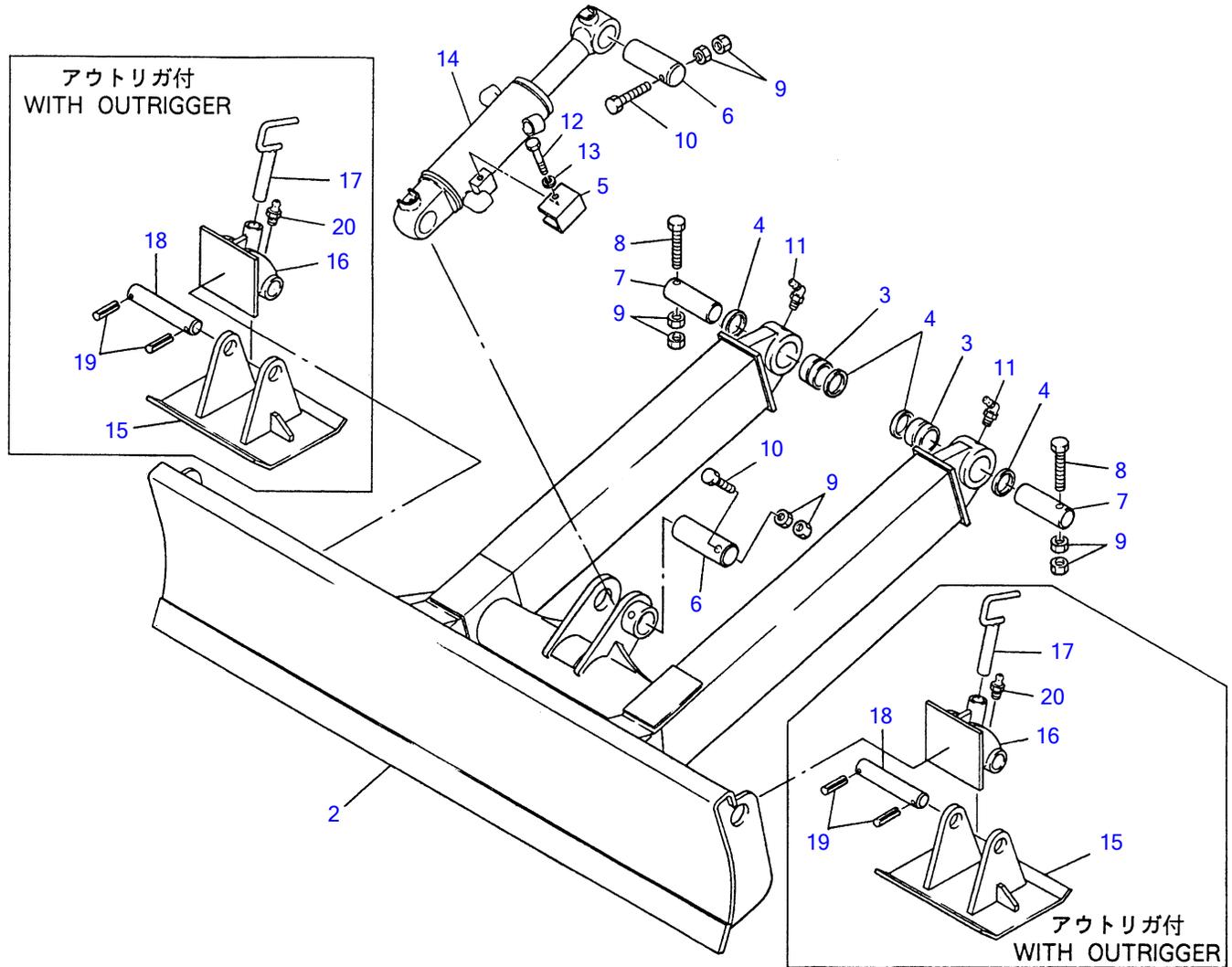
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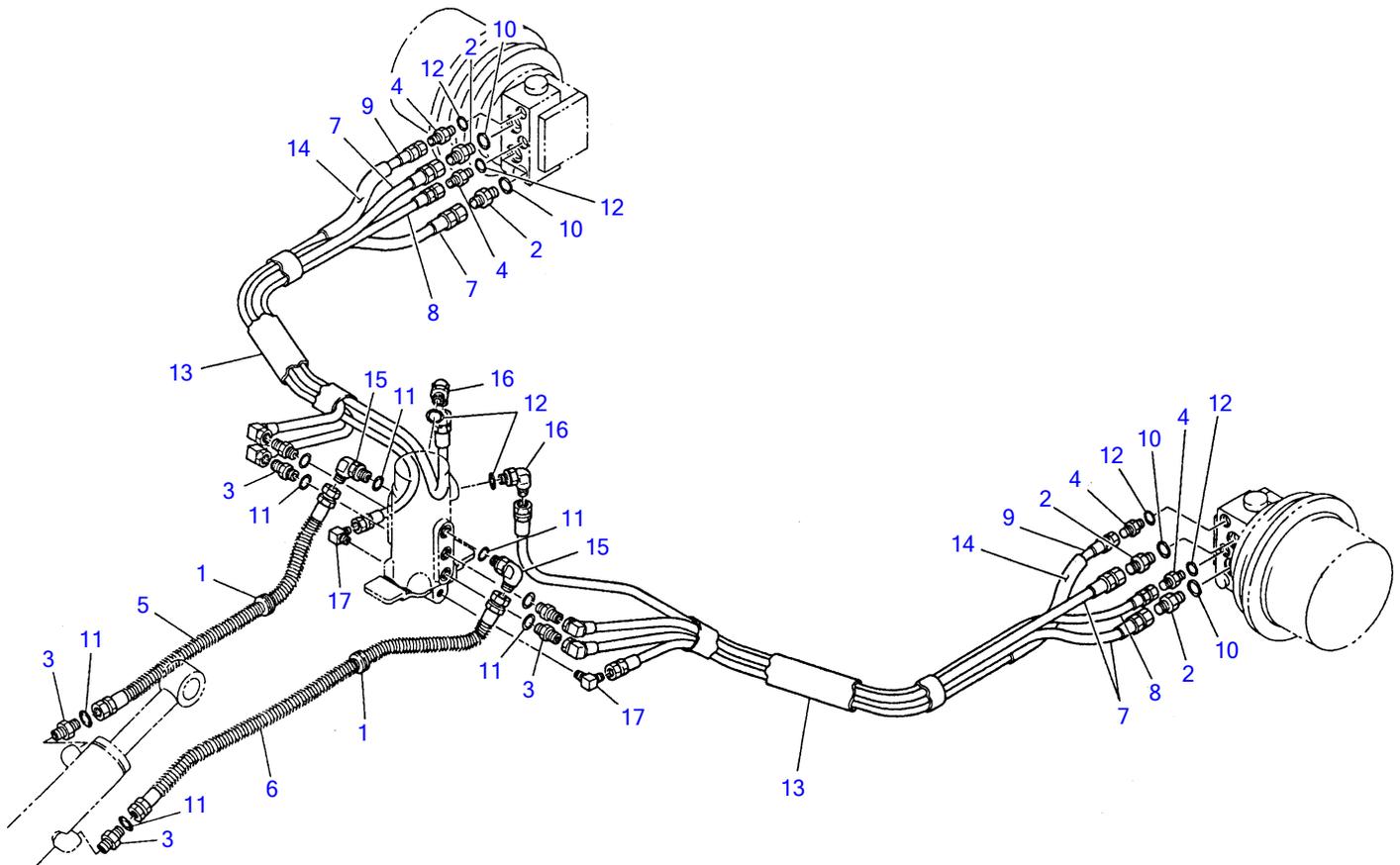
TRAVEL DEVICE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	1903110200	MOTOR ASSY	2				without P.B.
	1903110300	MOTOR ASSY	2				with P.B.
2	0341600100	SPROCKET	2				
3	1100051230	BOLT	18				
4	1100051225	BOLT	18				
	D307a1L						



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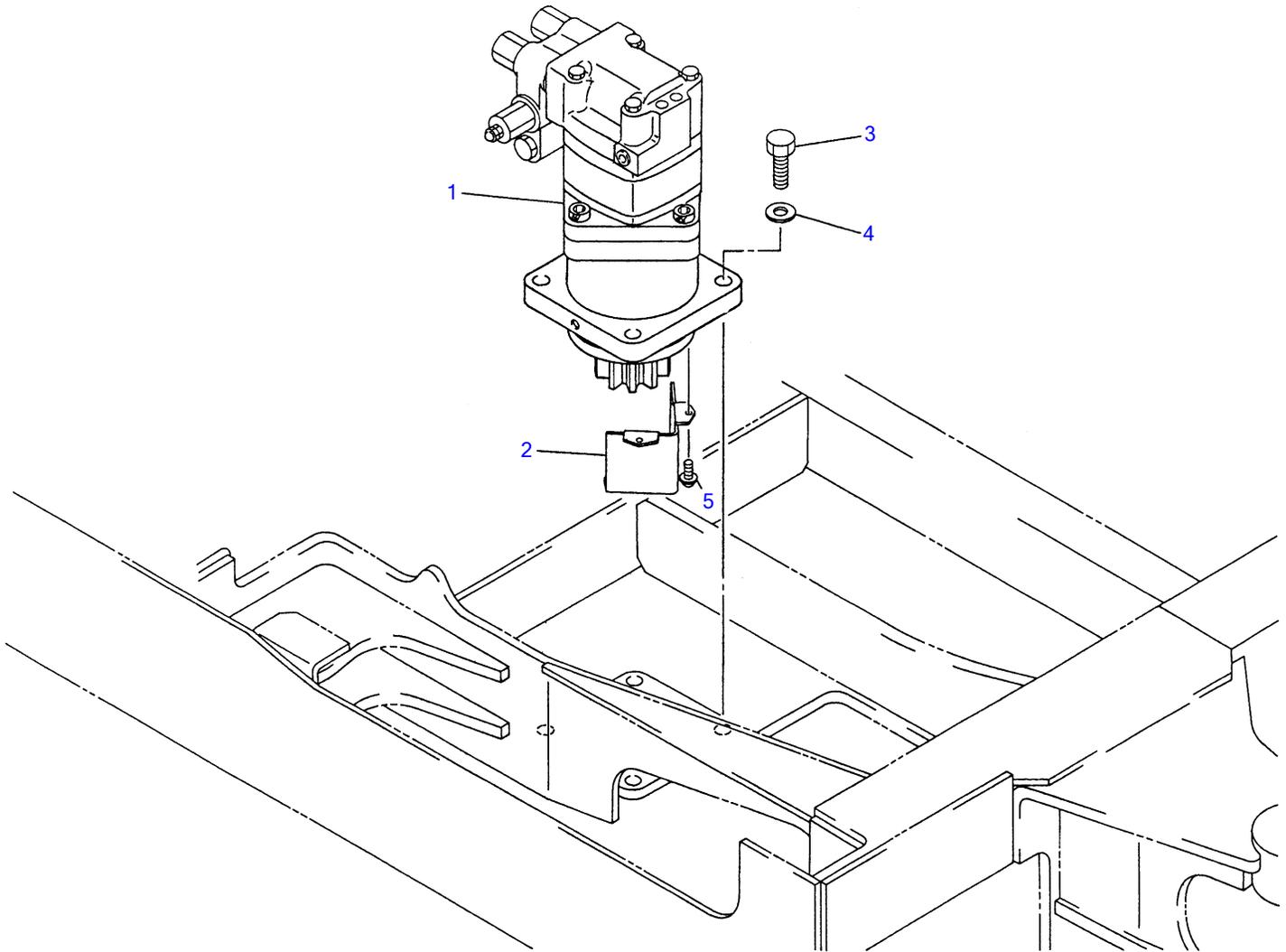
DOZER BLADE						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
1	0346303100	BLADE ASSY	1		1205001~1205750	
	0346303300	BLADE ASSY	1		1205751~	
2	X *****	· BLADE	1			
3	0002200005	· BUSHING	2			
4	1432200035	SEAL, dust	4			
5	0426300400	COVER	1			
6	0001603110	PIN	2			
7	0001602105	PIN	2			
8	1103041075	BOLT	2			
9	1130240010	NUT	8			
10	1103041080	BOLT	2			
11	1560001675	NIPPLE, grease	2			
12	1100040860	BOLT	1			
13	1140020008	WASHER, spring	1			
14	1900052100	CYLINDER, blade	1			
15	0346301100	OUTRIGGER	2			with outrigger
16	0346301200	BRACKET	2			with outrigger
17	0436301300	PIN	2			with outrigger
18	0426302400	PIN	2			with outrigger
19	1213000840	PIN, spring	4			with outrigger
20	1560001000	NIPPLE, grease	2			with outrigger
	D308a5L					



D3-09a-1-D

PIPING; LOWER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0437200100	GUARD	2				
2	1515600577	ADAPTOR	4				
3	1515600201	ADAPTOR	6				
4	1515600200	ADAPTOR	4				
5	1935309075	HOSE ASSY	1				
6	1935309095	HOSE ASSY	1				
7	1935809086	HOSE ASSY	4				
8	1935206092	HOSE ASSY	2				
9	1934822087	HOSE ASSY	2				
10	1420010180	O-RING	4				
11	1420010140	O-RING	8				
12	1420010110	O-RING	6				
13	1531345030	PROTECTOR	2				sold by the meter
14	1531335020	PROTECTOR	2				sold by the meter
15	1515010041	ELBOW	2				
16	1515010040	ELBOW	2				
17	1511150002	ADAPTOR	2				
	D309a2L						

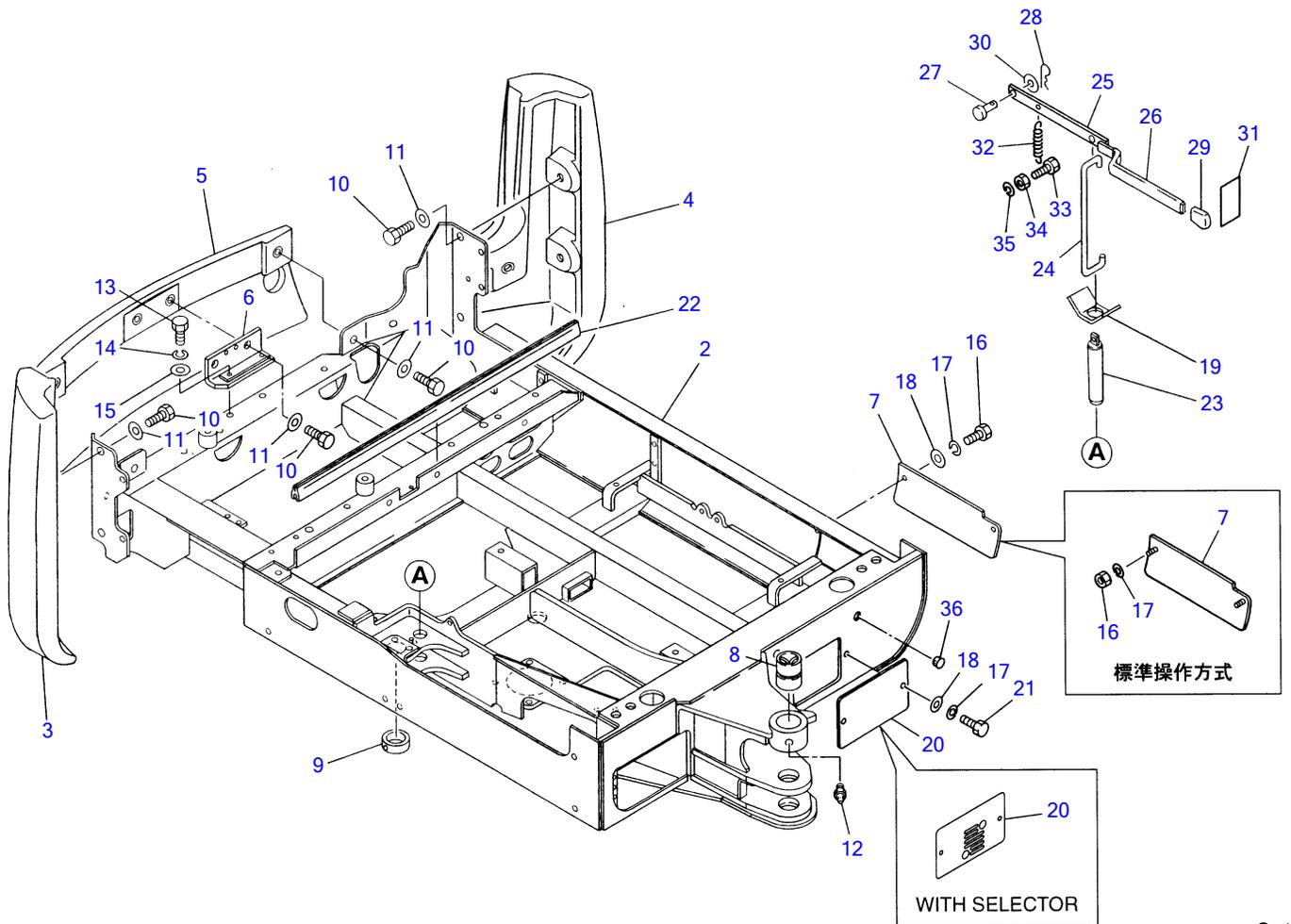


D3-10a-0-D

SLEWING DEVICE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	X 1903110100	MOTOR ASSY (without P.B.)	1				abolished
	1903117200	MOTOR ASSY (without P.B.)	1		1205001~1205543		
	1903117400	MOTOR ASSY (without P.B.)	1	(H)	1205544~		
	X 1903110400	MOTOR ASSY (with P.B.)	1				abolished
	1903117500	MOTOR ASSY (with P.B.)	1	(H)	1205001~		
2	0342300100	COVER	1				
3	1101041235	BOLT	4				
4	1141550012	WASHER	4				
5	1150110408	SCREW	2				
	D310a2L						

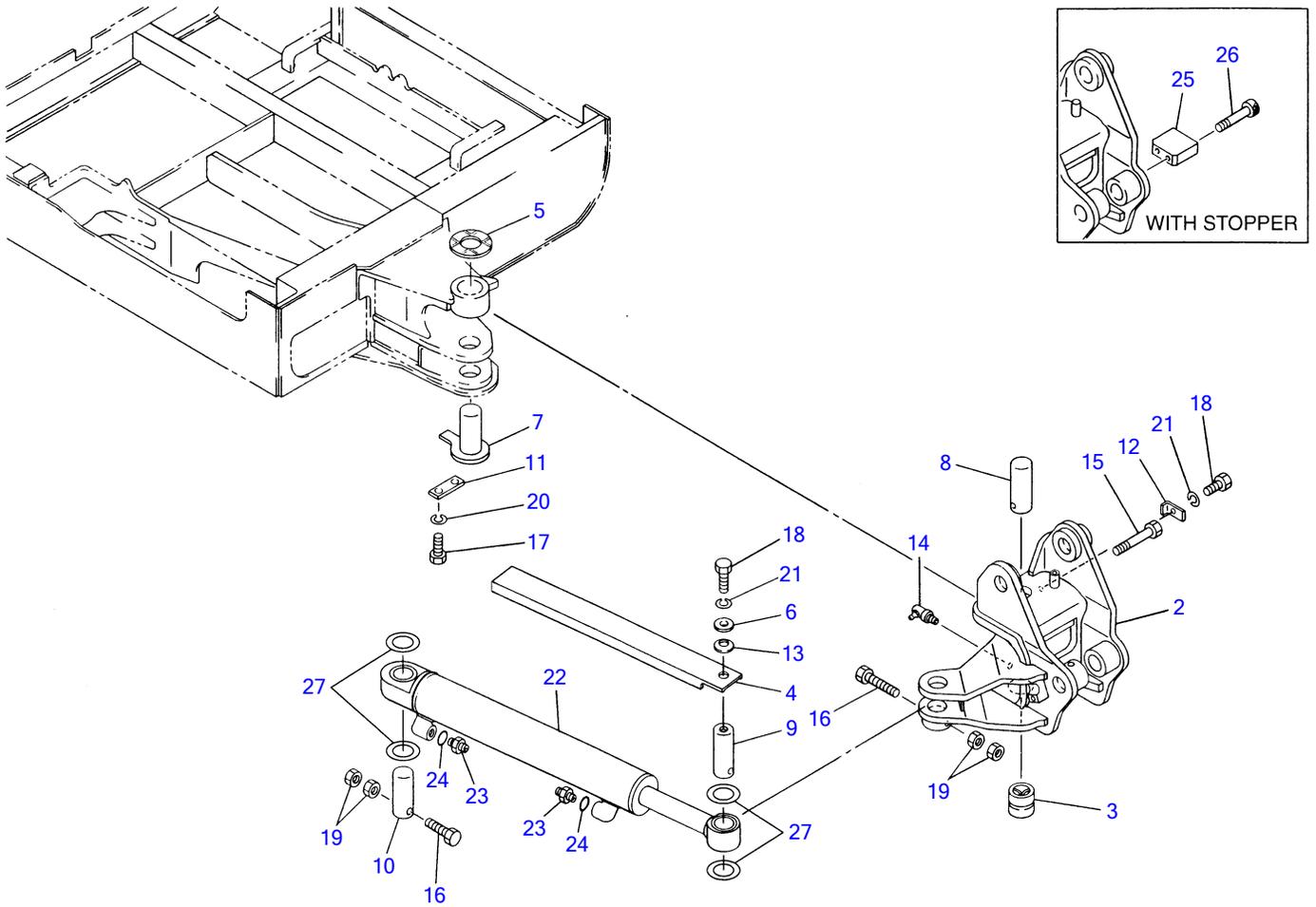
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TURNTABLE



D3-11a-4-D

S=1/15

TURNTABLE							
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	X *****	TURNTABLE ASSY	1				
	X *****	TURNTABLE ASSY	1				
2	X *****	· TURNTABLE	1				
3	0343001200	· COUNTERWEIGHT	1				
4	0343001300	· COUNTERWEIGHT	1				
5	0343001400	· COUNTERWEIGHT	1				
6	0343000500	· ANGLE	1				
7	0343002200	· COVER	1				
	0343003200	· COVER	1				
8	0002400030	· BUSHING	1				
9	0003300022	· COLLAR	1				
10	1101041430	· BOLT	10				
11	1141550014	· WASHER	10				
12	1560001000	· NIPPLE, grease	1				
13	1100041025	· BOLT	2				
14	1140020010	· WASHER, spring	2				
15	1141110010	· WASHER	2				
16	1100090820	· BOLT	2				
	1130040006	· NUT	2				
17	1140090008	· WASHER, spring	2		1205001~1205678		
	1140090008	· WASHER, spring	4		1205679~		
	1140020006	· WASHER, spring	2				
18	1141190008	· WASHER	2		1205001~1205678		
	1141190008	· WASHER	4		1205679~		
	1141190008	· WASHER	2				
19	0343002400	· GUIDE	1				
20	0343002600	· PLATE	1		1205679~		
	0343004100	· PLATE	1				with selector
21	1100040816	· BOLT	2		1205679~		
22	1654607089	SEAL	1				sold by the meter
23	0342201200	PIN	1				
24	0342201300	ROD	1				
25	0352200400	LEVER	1		1205001~1205318		
	0352203200	LEVER	1	(H)	1205319~		
26	1531112025	HOSE	1				
27	0004008021	PIN	1				
28	1214000006	PIN, snap	1				
29	1650123440	GRIP	1				
30	1141110008	WASHER	1				
31	0439302500	STICKER	1		1205319~		
32	0352203100	SPRING	1		1205319~		
33	1100040825	BOLT	1		1205319~		
34	1140020008	WASHER, spring	1		1205319~		
35	1130040008	NUT	1		1205319~		
36	1652533023	CAP	1		1205439~		
	D311a4L						

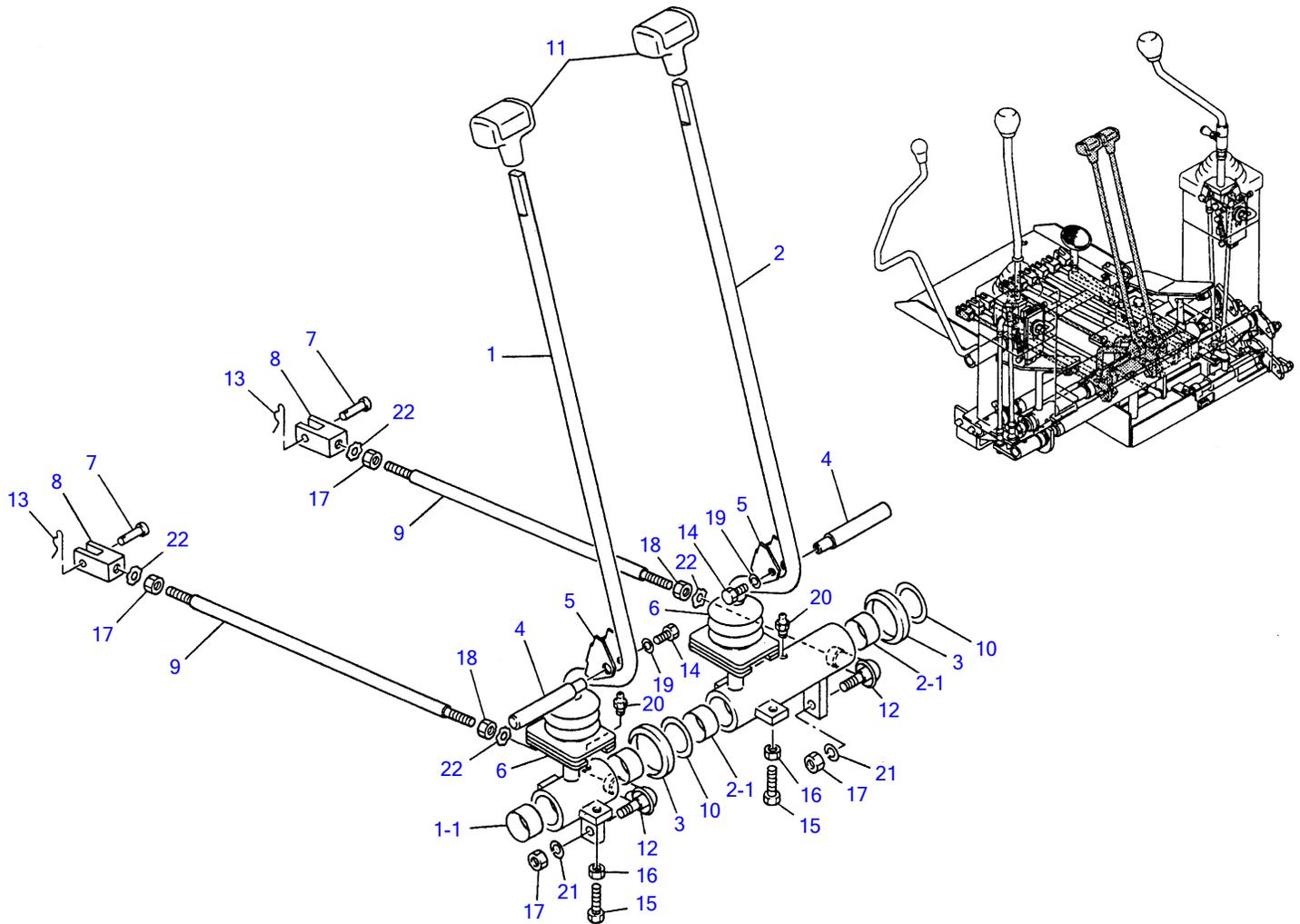


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BOOM SWING

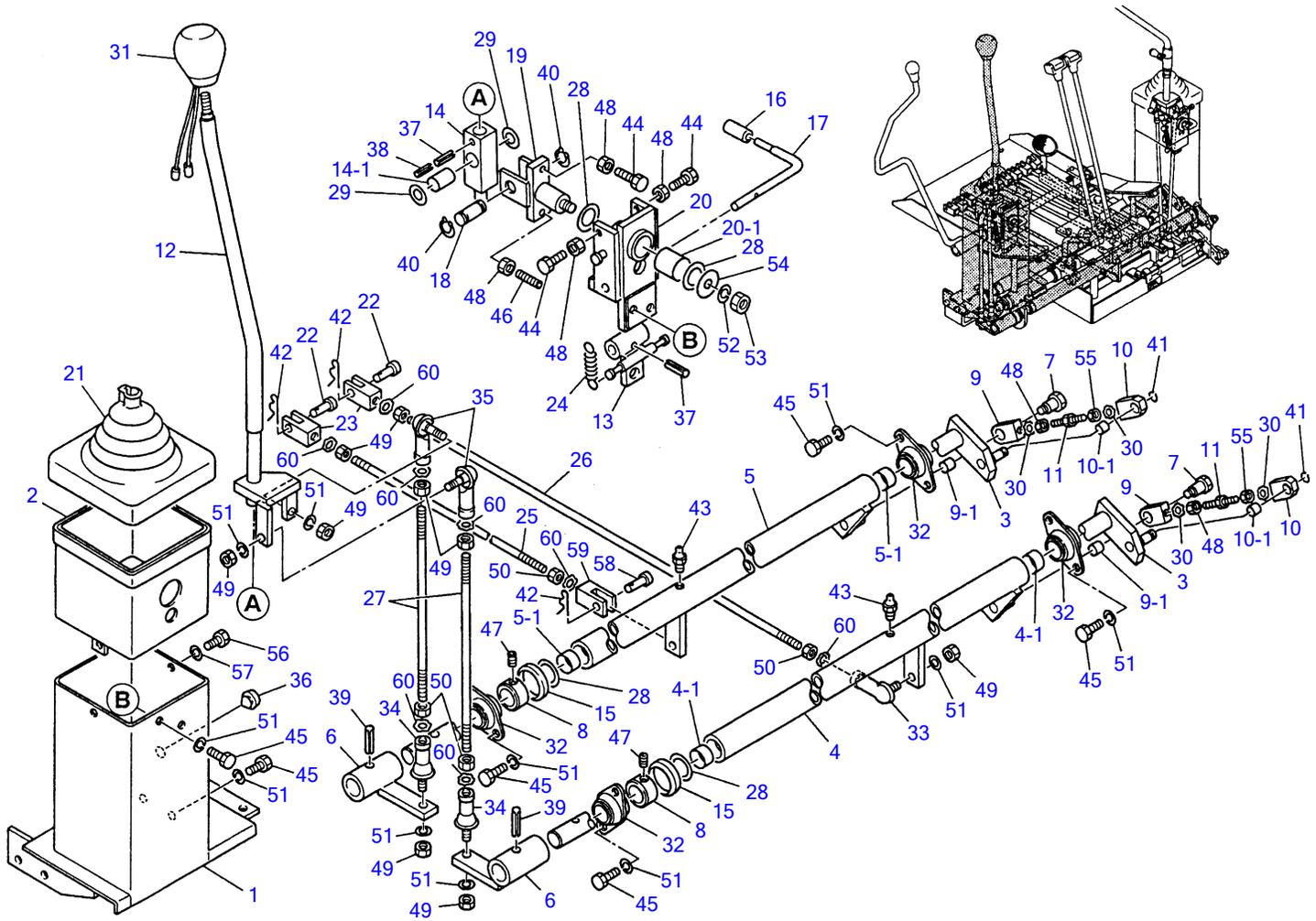
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0343102100	BRACKET ASSY	1				
2	X *****	· BRACKET	1				
3	0002400030	· BUSHING	1				
4	0343100300	COVER	1				
5	0343100500	WASHER ASSY	1				
5-1	X *****	· WASHER	1				t=4.5mm
5-2	X *****	· WASHER	1				t=5.0mm
5-3	X *****	· WASHER	1				t=5.5mm
6	0103113200	WASHER	1				
7	0011904004	PIN	1				
8	0011514002	PIN	1				
9	0011573008	PIN	1				
10	0011523105	PIN	1				
11	0423101800	PLATE	1				
12	0423102500	PLATE	1				
13	1225121020	SPRING, conical	1				
14	1560001900	NIPPLE, grease	1				
15	1100041090	BOLT	1				
16	1103041080	BOLT	2				
17	1100041025	BOLT	2				
18	1100040820	BOLT	3				
19	1130240010	NUT	4				
20	1140020010	WASHER, spring	2				
21	1140020008	WASHER, spring	3				
22	1900052000	CYLINDER, swing	1				
23	1515600200	ADAPTOR	2				
24	1420010110	O-RING	2				
25	0423100300	PLATE	1				with stopper
26	1110041075	SCREW, cap	2				with stopper
27	0003600053	SHIM	AR				t=0.2mm
	0003600054	SHIM	AR				t=0.5mm
	0003104110	SHIM	AR				t=1.0mm
	0003104116	SHIM	AR				t=1.6mm
	D311b5L						



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TRAVEL LEVER						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
1	0343206200	LEVER ASSY	1			
1-1	1333002515	• BUSHING	1			
2	0343206300	LEVER ASSY	1			
2-1	1333002515	• BUSHING	1			
3	0353205038	SEAL, dust	2			
4	0433201800	SHAFT	2			
5	0433201900	CLAMP	2			
6	0433202200	BOOT	2		1205001~1205318	
6-1	0363214700	BOOT	2	(H)	1205319~	
7	0004005117	PIN, lever	2			
8	0005505033	YOKE	2			
9	0005008395	ROD	2			
10	0303301000	WASHER	2			
11	1650200520	GRIP	2			
12	1340000085	END, rod	2			
13	1214000006	PIN, snap	2			
14	1100040616	BOLT	2			
15	1100040625	BOLT	4			
16	1130040006	NUT	4			
17	1130040008	NUT	4			
18	1131540008	NUT	2			
19	1140020006	WASHER, spring	2			
20	1560011006	NIPPLE, grease	2			
21	1140020008	WASHER, spring	2			
22	1225000008	WASHER	4			
	D312a1L					

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OPERATION LEVER; RIGHT

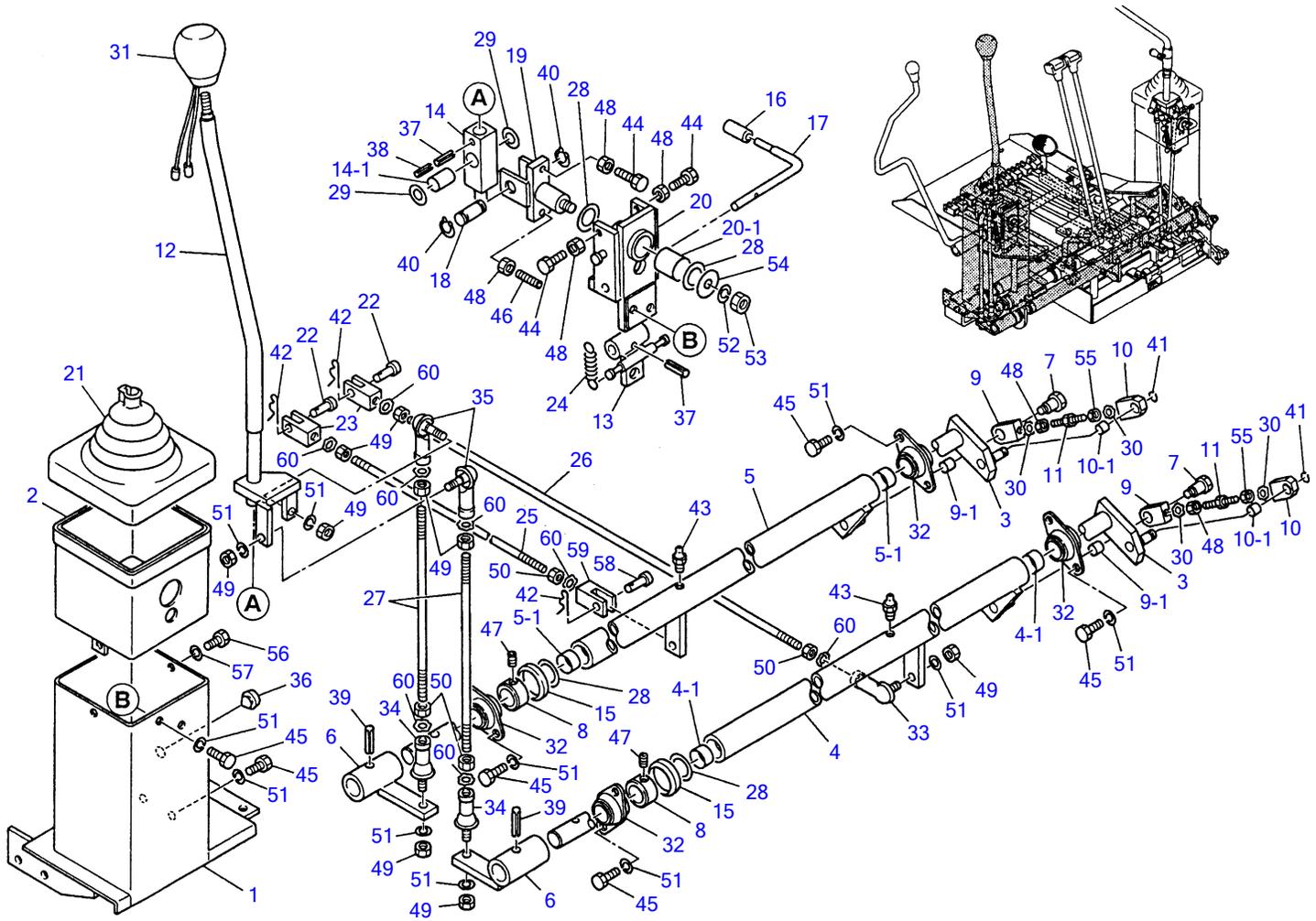


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OPERATION LEVER; RIGHT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0343215600	STAND	1				
2	0433204400	HEAD	1				
3	0353213100	LEVER	2				
4	0343205200	LEVER ASSY	1				
4-1	1333002015	· BUSHING	2				
5	0343205800	LEVER ASSY	1				
5-1	1333002015	· BUSHING	2				
6	0343205900	LEVER	2				
7	0343201200	BOLT	2				
8	0163209400	STOPPER	2				
9	0433217100	END, rod	2				
9-1	1333001008	· BUSHING	2				
10	0433217200	END, rod	2				
10-1	1333001008	· BUSHING	2				
11	0433217300	END, rod	2				
12	0343207100	LEVER	1				
13	0273212500	LEVER, lock	1				
14	0063246300	LEVER	1				
14-1	1333001520	· BUSHING	1				
15	0353205032	SEAL, dust	2				
16	0543208900	GRIP	1				
17	0433206600	LEVER	1		1205001~1205282		
	0343229300	LEVER	1	(H) Ⓚ	1205283~1205594		
	0433206600	LEVER	1	(H)	1205595~		
18	0004900010	SHAFT	1				
19	0273210800	YOKE	1				
20	0433205900	BRACKET	1				
20-1	1333002020	· BUSHING	1				
21	0433202100	BOOT	1		1205001~1205318		
	0543203100	BOOT	1	(H)	1205319~		
22	0004005117	PIN, lever	2				
23	0005505033	YOKE	2				
24	0143283500	SPRING	1				
25	0005008345	ROD	1				
26	0005008455	ROD	1				
27	0005008295	ROD	2				
28	0093208300	WASHER	4				
29	0063248900	WASHER	2				
30	1225000006	WASHER	4				
31	1650200120	GRIP (with horn switch)	1				
32	1332052022	MINI-PILLOW	4				
33	1340000085	END, rod	1				
34	1340300085	END, rod	2				
35	1340000080	END, rod	2				
36	1652505500	CUSHION, rubber	1				
37	1213010520	PIN, spring	2				
38	1213010320	PIN, spring	1				
39	1213010830	PIN, spring	2				
40	1220000015	RING, snap	2				
41	1220010010	RING, snap	2				
42	1214000006	PIN, snap	3				
43	1560011006	NIPPLE, grease	2				
44	1100240635	BOLT	3				
45	1100040816	BOLT	16				
46	1121040625	SET-SCREW	1				
47	1121040808	SET-SCREW	2				
48	1130040006	NUT	6				
49	1130040008	NUT	14				
50	1131540008	NUT	4				
51	1140020008	WASHER, spring	19				
52	1140020010	WASHER, spring	1				
53	1130240010	NUT	1				
54	0003600025	WASHER	1				
55	1131540006	NUT	2				
56	1100040616	BOLT	2				
57	1140020006	WASHER, spring	2				
58	0004106017	PIN, lever	1	(L)	1205001~1205288		
	0004006017	PIN, lever	1	(H)	1205289~		

OPERATION LEVER, RIGHT



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