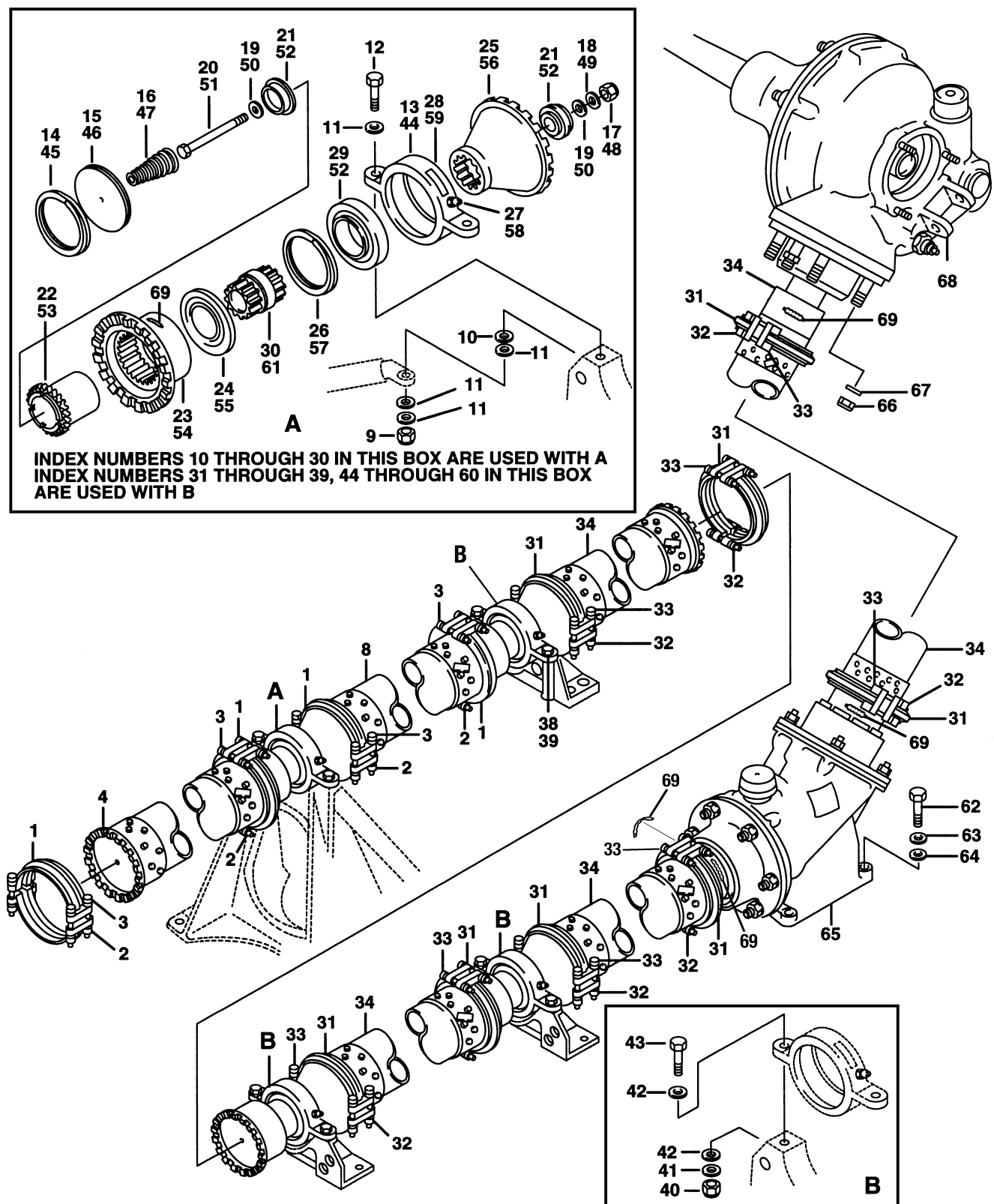


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212\_IPB\_65\_0001

Figure 65-1. Driveshaft Installation, Tail Rotor

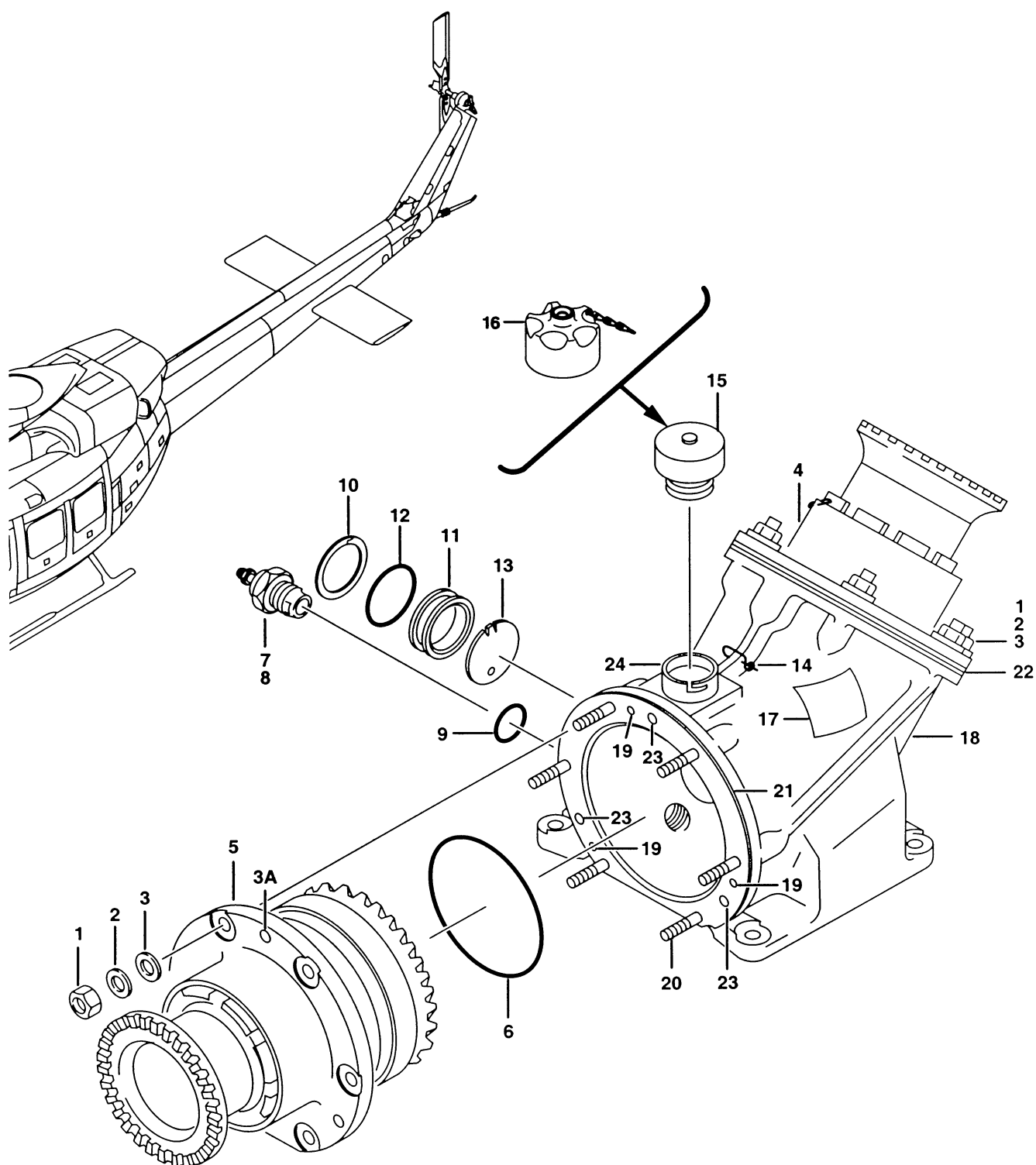
(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>Figure 65-1. Driveshaft Installation, Tail Rotor</b>			
	212-040-002-007	DRIVESHAFT INSTL, TAIL ROTOR, FORWARD (S/N 30504 THRU 30863, 30865).....	1	NP	
	212-040-002-103	DRIVESHAFT INSTL, TAIL ROTOR, FORWARD (S/N 30864, 30866 THRU 31311, 35001 THRU SUB).....	1	NP	
1	204-040-811-001	.CLAMP ASSY .....	4	SP	
2	52Z1835-048	..NUT .....	4	SP	
3	MS9089-24	..BOLT .....	4	SP	
4	204-040-620-003	.SHAFT ASSY (S/N 30504 THRU 30795) (REPLACED BY 204-040-620-007 AND -011) .....	1	NP	
4	204-040-620-007	.SHAFT ASSY (S/N 30504 THRU 30863) (REPLACES 204-040-620-003) (REPLACED BY 204-040-620-011) .....	1	SP	
4	204-040-620-011	.SHAFT ASSY (REPLACES 204-040-620-003 AND -007) .....	1	SP	
5	DELETED				
6	DELETED				
7	DELETED				
8	204-040-620-005	.SHAFT ASSY (S/N 30504 THRU 30795) .....	1	NP	
8	204-040-620-009	.SHAFT ASSY (S/N 30796 THRU 31311, 35001 THRU SUB) .....	1	SP	
9	NAS679A4	.NUT (REPLACED BY MS21042L4) .....	2	P	
9	MS21042L4	.NUT (REPLACES NAS679A4) .....	2	SP	
10	AN960PD416	.WASHER (REPLACED BY AN960JD416) .....	2	NP	
10	AN960JD416	.WASHER, FLAT (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J) .....	2	P	
10	NAS1149D0463J	.WASHER (REPLACES AN960JD416) .....	2	SP	
11	AN960-416	.WASHER (REPLACED BY NAS1149F0463P) .....	8	NP	
11	NAS1149F0463P	.WASHER (REPLACES AN960-416) .....	8	SP	
12	AN4-12A	.BOLT .....	2	SP	
13	212-040-600-001	.HANGER ASSY (NOTE 1) (S/N 30504 THRU 30817) (USBL ON 212-040-002-007) (REPLACED BY 212-040-600-009) .....	1	NP	
13	212-040-600-009	.HANGER ASSY (NOTE 1) (S/N 30504 THRU 30817) (USBL ON 212-040-002-007) (REPLACES 212-040-600-001) .....	1	P	
13	212-040-600-005	.HANGER ASSY (NOTE 1) (S/N 30818 THRU 31311, 35001 THRU 35104) (USBL ON 212-040-002-007 AND -103) .....	1		
13	212-040-600-101	.HANGER ASSY (NOTE 1) (S/N 35105 THRU SUB) (USBL ON 212-040-002-103) .....	1	SP	
14	RRT237C	..RETAINER (REPLACED BY RRT-237-C) .....	1	NP	
14	RRT-237-C	..RETAINER (REPLACES RRT237C) .....	1	SP	
15	204-040-610-001	..PLATE ASSY .....	1	SP	
16	204-040-608-001	..SPRING .....	1	SP	
17	AN310-4	..NUT .....	1	SP	
18	AN960-416L	..WASHER (REPLACED BY NAS1149F0432P) .....	1	P	
18	NAS1149F0432P	..WASHER (REPLACES AN960-416L) .....	1	SP	
19	AN960PD416	..WASHER (REPLACED BY AN960JD416) .....	2	NP	

(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>Figure 65-1. Driveshaft Installation, Tail Rotor (Cont'd)</b>			
19	AN960JD416	..WASHER, FLAT (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J) .....	2	P	
19	NAS1149D0463J	..WASHER (REPLACES AN960JD416) .....	2	SP	
20	AN4-30	..BOLT (USBL ON 212-040-600-001 AND -009) .....	1	SP	
20	AN4-31	..BOLT (USBL ON 212-040-600-005) .....	1	SP	
21	204-040-616-005	..PLATE .....	2	SP	
22	204-040-603-009	..COUPLING .....	1	SP	
23	204-040-604-005	..COUPLING .....	1	NP	
24	204-040-611-001	..SEAL .....	1	SP	
25	212-040-614-001	..COUPLING .....	1	SP	
26	RR244C	..RETAINER (REPLACED BY M27426-3159B) .....	1	NP	
26	M27426-3159B	..RING (REPLACES RR244C) .....	1	SP	
27	MS15002-1	..FITTING (USBL ON 212-040-600-005) .....	1	SP	
28	204-040-617-005	..HANGER (USBL ON 212-040-600-001 AND -009) .....	1	SP	
28	204-040-617-015	..HANGER (USBL ON 212-040-600-005) (REPLACED BY 204-040-617-101) .....	1	NP	
28	204-040-617-101	..HANGER (REPLACES 204-040-617-015) .....	1	SP	
29	204-040-623-001	..BEARING (USBL ON 212-040-600-001) (REPLACED BY 204-040-623-005) .....	1	NP	
29	204-040-623-005	..BEARING (USBL ON 212-040-600-001 AND -009) (REPLACES 204-040-623-001) .....	1	SP	
29	204-040-623-003	..BEARING (USBL ON 212-040-600-005) .....	1		
29	204-040-623-109	..BEARING (USBL ON 212-040-600-101) .....	1	SP	
30	212-040-602-001	..SHAFT COUPLING (USBL ON 212-040-600-001 AND -009) (REPLACES 212-040-602-005) .....	1	SP	
30	212-040-602-005	..SHAFT COUPLING (USBL ON 212-040-600-001 AND -009) (REPLACES 212-040-602-001) .....	1	SP	
30	212-040-602-003	..SHAFT, COUPLING (USBL ON 212-040-600-005) (REPLACED BY 212-040-602-007) .....	1	NP	
30	212-040-602-007	..SHAFT, COUPLING (USBL ON 212-040-600-005) (REPLACES 212-040-602-003) .....	1	SP	
	212-040-002-005	DRIVESHAFT INSTL, TAIL ROTOR, AFT (S/N 30504 THRU 30863, 30865) .....	1	NP	
	212-040-002-101	DRIVESHAFT INSTL, TAIL ROTOR, AFT (S/N 30864, 30866 THRU 31108) .....	1	NP	
	212-040-002-105	DRIVESHAFT INSTL, TAIL ROTOR, AFT (S/N 31109 THRU 31311, 35001 THRU SUB) .....	1	NP	
31	204-040-811-001	..CLAMP ASSY .....	8	SP	
32	52Z1835-048	..NUT .....	4	SP	
33	MS9089-24	..BOLT .....	4	SP	
34	204-040-620-003	..SHAFT ASSY (S/N 30504 THRU 30795) (REPLACED BY 204-040-620-007 AND -011) .....	4	NP	
34	204-040-620-007	..SHAFT ASSY (S/N 30504 THRU 30863, 30865) (REPLACES 204-040-620-003) (REPLACED BY 204-040-620-011) .....	4	SP	
34	204-040-620-011	..SHAFT ASSY (REPLACES 204-040-620-003 AND -007) .....	4	SP	
35	DELETED				

(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>Figure 65-1. Driveshaft Installation, Tail Rotor (Cont'd)</b>			
36	DELETED				
37	DELETED				
38	AN4-7A	.BOLT .....	2	SP	
39	AN960-416L	.WASHER (REPLACED BY NAS1149F0432P) .....	2	P	
39	NAS1149F0432P	.WASHER (REPLACES AN960-416L) .....	2	SP	
40	NAS679A4	.NUT (REPLACED BY MS21042L4) .....	4	P	
40	MS21042L4	.NUT (REPLACES NAS679A4) .....	4	SP	
41	AN960PD416	.WASHER (REPLACED BY AN960JD416) .....	4	NP	
41	AN960JD416	.WASHER, FLAT (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J) .....	4	P	
41	NAS1149D0463J	.WASHER (REPLACES AN960JD416) .....	4	SP	
42	AN960-416	.WASHER (REPLACED BY NAS1149F0463P) .....	8	NP	
42	NAS1149F0463P	.WASHER (REPLACES AN960-416) .....	8	SP	
43	AN4-10A	.BOLT .....	4	SP	
44	212-040-600-001	.HANGER ASSY (NOTE 1) (S/N 30504 THRU 30817) (USBL ON 212-040-002-005) (REPLACED BY 212-040-600-009) .....	3	NP	
44	212-040-600-009	.HANGER ASSY (NOTE 1) (S/N 30504 THRU 30817) (USBL ON 212-040-002-005) (REPLACES 212-040-600-001) .....	3	P	
44	212-040-600-005	.HANGER ASSY (NOTE 1) (S/N 30818 THRU 31311, 35001 THRU 35104) .....	3		
44	212-040-600-101	.HANGER ASSY (NOTE 1) (S/N 35105 THRU SUB) (USBL ON 212-040-002-105) .....	3	SP	
45	RRT237C	..RETAINER (REPLACED BY RRT-237-C) .....	1	NP	
45	RRT-237-C	..RETAINER (REPLACES RRT237C) .....	1	SP	
46	204-040-610-001	..PLATE ASSY .....	1	SP	
47	204-040-608-001	..SPRING .....	1	SP	
48	AN310-4	..NUT .....	1	SP	
49	AN960-416L	..WASHER (REPLACED BY NAS1149F0432P) .....	1	P	
49	NAS1149F0432P	..WASHER (REPLACES AN960-416L) .....	1	SP	
50	AN960PD416	..WASHER (REPLACED BY AN960JD416) .....	2	NP	
50	AN960JD416	..WASHER, FLAT (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J) .....	2	P	
50	NAS1149D0463J	..WASHER (REPLACES AN960JD416) .....	2	SP	
51	AN4-30	..BOLT (USBL ON 212-040-600-001 AND -009) .....	1	SP	
51	AN4-31	..BOLT (USBL ON 212-040-600-005) .....	1	SP	
52	204-040-616-005	..PLATE .....	2	SP	
53	204-040-603-009	..COUPLING .....	1	SP	
54	204-040-604-005	..COUPLING .....	1	NP	
55	204-040-611-001	..SEAL .....	1	SP	
56	212-040-614-001	..COUPLING .....	1	SP	
57	RR244C	..RETAINER (REPLACED BY M27426-3159B) .....	1	NP	
57	M27426-3159B	..RING (REPLACES RR244C) .....	1	SP	
58	MS15002-1	..FITTING (USBL ON 212-040-600-005) .....	1	SP	
59	204-040-617-005	..HANGER (USBL ON 212-040-600-001 AND -009) .....	1	SP	
59	204-040-617-015	..HANGER (USBL ON 212-040-600-005) (REPLACED BY 204-040-617-101) .....	1	NP	
59	204-040-617-101	..HANGER (REPLACES 204-040-617-015) .....	1	SP	

(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>Figure 65-1. Driveshaft Installation, Tail Rotor (Cont'd)</b>			
60	204-040-623-001	..BEARING (USBL ON 212-040-600-001) (REPLACED BY 204-040-623-005) .....	1	NP	
60	204-040-623-005	..BEARING (USBL ON 212-040-600-001 AND -009) (REPLACES 204-040-623-001) .....	1	SP	
60	204-040-623-003	..BEARING (USBL ON 212-040-600-005) .....	1		
60	204-040-623-109	..BEARING (USBL ON 212-040-600-101) .....	1	SP	
61	212-040-602-001	..SHAFT COUPLING (USBL ON 212-040-600-001 AND -009) (REPLACED BY 212-040-602-005) .....	1	SP	
61	212-040-602-005	..SHAFT COUPLING (USBL ON 212-040-600-001 AND -009) (REPLACES 212-040-602-001) .....	1	SP	
61	212-040-602-003	..SHAFT, COUPLING (USBL ON 212-040-600-005) (REPLACED BY 212-040-602-007) .....	1	NP	
61	212-040-602-007	..SHAFT, COUPLING (USBL ON 212-040-600-005) (REPLACES 212-040-602-003) .....	1	SP	
62	AN4H14A	.BOLT .....	4	SP	
63	AN960-416L	.WASHER (REPLACES BY NAS1149F0432P) .....	4	P	
63	NAS1149F0432P	.WASHER (REPLACES AN960-416L) .....	4	SP	
64	AN960PD416L	.WASHER (REPLACES BY AN960JD416L) .....	4	NP	
64	AN960JD416L	.WASHER (REPLACES AN960PD416L) (REPLACED BY NAS1149D0416J) .....	4	P	
64	NAS1149D0416J	.WASHER (REPLACES AN960JD416L) .....	4	SP	
65	212-040-003-007	.GEARBOX ASSY (S/N 30504 THRU 31108) (SEE FIG. 2 FOR BREAKDOWN) (REPLACED BY 212-040-003-023) .....	1	NP	
65	212-040-003-023	.GEARBOX ASSY (SEE FIG. 2 FOR BREAKDOWN) (REPLACES 212-040-003-007) .....	1		
66	NAS679A6	.NUT (REPLACED BY MS21042L6) .....	6	P	
66	MS21042L6	.NUT (REPLACES NAS679A6) .....	6	SP	
67	AN960-616L	.WASHER (REPLACED BY NAS1149F0632P) .....	6	P	
67	NAS1149F0632P	.WASHER (REPLACES AN960-616L) .....	6	SP	
68	212-040-004-005	.GEARBOX ASSY (S/N 30504 THRU 31108) (SEE FIG. 4 FOR BREAKDOWN) (REPLACED BY 212-040-004-009) .....	1	NP	
68	212-040-004-009	.GEARBOX ASSY (SEE FIG. 4 FOR BREAKDOWN) (REPLACES 212-040-004-005) .....	1	P	
	212-705-003-101	INDICATOR KIT, DRIVE SHAFT COUPLING TEMP (POST ASB 212-93-89) (SEE FIG. 63-1, 63-15 FOR BALANCE OF BREAKDOWN) .....	1	P	
69	6000-1	.TEMP-PLATE (POST ASB 212-93-89) .....	14	SP	
		NOTE 1: 212-040-600-005 HANGER ASSEMBLY MAY BE USED IN LIEU OF 212-040-600-001 OR -009 HANGER FOR SPARE PARTS REPLACEMENT AT CUSTOMERS OPTION.			

(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		<p>Figure 65-1. Driveshaft Installation, Tail Rotor (Cont'd)</p> <p><b>AVAIL CODE      DEFINITION</b></p> <p>P                    Procurable</p> <p>NP                  Non Procurable</p> <p>SP                  Normal Stock/Procurable</p> <p>See introduction on availability codes for additional information.</p>			



212-65-1002  
C0001

**Figure 65-2. Gearbox assembly, 42 degree tail rotor drive**



(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>FIGURE: 65-2. Gearbox assembly, 42 degree tail rotor drive</b>			
	212-040-003-007	GEARBOX ASSY, 42 DEGREE TAIL ROTOR DRIVE (S/N . . . . . 30504 THRU 31108) (SEE FIG. 1 FOR NHA) (REPLACED BY 212-040-003-023)	REF	0	
	212-040-003-023	GEARBOX ASSY, 42 DEGREE TAIL ROTOR DRIVE (SEE FIG. . . 1 FOR NHA) (REPLACES 212-040-003-007)	REF	0	
1	NAS679A4	.NUT (REPLACED BY MS21042L4) . . . . .	12	0	
1	MS21042L4	.NUT (REPLACES NAS679A4) . . . . .	12	1	
2	AN960-416L	.WASHER (REPLACED BY NAS1149F0432P) . . . . .	12	1	
2	NAS1149F0432P	.WASHER (REPLACES AN960-416L) . . . . .	12		
3	NAS1197-416L	.WASHER . . . . .	12	1	
3A	120-151-4-6	.SETSCREW . . . . .	6	1	
4	212-040-003-011	.QUILL ASSY (SEE FIG. 3 FOR BREAKDOWN) (USBL ON . . . . 212-040-003-007)	1	0	
4	212-040-003-017	.QUILL ASSY (SEE FIG. 3 FOR BREAKDOWN) (USBL ON . . . . 212-040-003-023)	1	1	
5	212-040-003-009	.QUILL ASSY (SEE FIG. 3 FOR BREAKDOWN) (USBL ON . . . . 212-040-003-007)	1	0	
5	212-040-003-015	.QUILL ASSY (SEE FIG. 3 FOR BREAKDOWN) (USBL ON . . . . 212-040-003-023)	1	1	
6	MS29561-243	.PACKING, PREFORMED (REPLACED BY M83248/1-243) . . .	2		
6	M83248/1-243	.PACKING, PREFORMED (REPLACES MS29561-243) . . . . .	2	1	
7	B3703	.CHIP DETECTOR . . . . .	1	1	
8	M83248-1-011	..PACKING, PREFORMED (REPLACED BY M83248/1-011) . . .	1	0	
8	M83248/1-011	..PACKING, PREFORMED (REPLACES M83248-1-011) . . . .	1	1	
9	AN123027	.GASKET (REPLACED BY 60-014-027) . . . . .	1		
9	60-014-027	.GASKET (REPLACES AN123027) . . . . .	1		
10	RRT150C	.RETAINER (REPLACED BY RRT-150C) . . . . .	1		
10	RRT-150C	.RETAINER (REPLACES RRT150C) . . . . .	1	1	
11	204-040-514-001	.GLASS . . . . .	1	1	
12	MS29561-218	.PACKING, PREFORMED (REPLACED BY M83248/1-218) . . .	1	1	
12	M83248/1-218	.PACKING, PREFORMED (REPLACES MS29561-218) . . . . .	1	1	
13	204-040-508-013	.INDICATOR . . . . .	1	1	
14	AN416-2	.PIN . . . . .	1	1	
15	204-040-502-009	.CAP ASSY (SEE FIG. 4A FOR BREAKDOWN) (REPLACED BY . . 412-040-318-101)	1	1	
16	412-040-318-101	.CAP ASSY (SEE FIG. 4A FOR BREAKDOWN) (REPLACES . . . . 204-040-502-009)	1	1	
17	AN7510-1	.PLATE (REPLACED BY MS27253-1) . . . . .	1		
17	MS27253-1	.PLATE, ID (REPLACES AN7510-1) . . . . .	1	1	
18	212-040-506-001	.CASE ASSY (USBL ON 212-040-003-007) . . . . .	1	1	
18	212-040-506-005	.CASE ASSY (USBL ON 212-040-003-023) . . . . .	1	1	
19	MS24693-S4	..SCREW . . . . .	6	1	
20	AN126024	..STUD, STANDARD (NOTE 1) . . . . .	12	1	
20	AN126025	..STUD, .003 OVERSIZE (NOTE 1) . . . . .	12	1	
20	AN126026	..STUD, .006 OVERSIZE (NOTE 1) . . . . .	12	1	
20	AN126027	..STUD, .009 OVERSIZE (NOTE 1) . . . . .	12	1	
20	AN126028	..STUD, .012 OVERSIZE (NOTE 1) . . . . .	12	1	
21	212-040-506-011	..PLATE . . . . .	1	6	
22	212-040-506-013	..PLATE . . . . .	1	6	
23	RLA23SM4-000	..WASHER . . . . .	6	0	



(1) INDEX NUMBER	(2) <b>PART NUMBER</b>	(3) <b>ITEM NAME</b>	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>FIGURE: 65-2. Gearbox assembly, 42 degree tail rotor drive (Cont'd)</b>			
24	204-040-506-001	..ADAPTER (REPLACED BY 204-040-506-003) .....	1		
24	204-040-506-003	..ADAPTER (REPLACES 204-040-506-001) .....	1	1	
	205-1006-4	.SEAL KIT .....	1	1	
		NOTE 1: REFER TO BHT-212 CR&O MANUAL FOR USAGE			

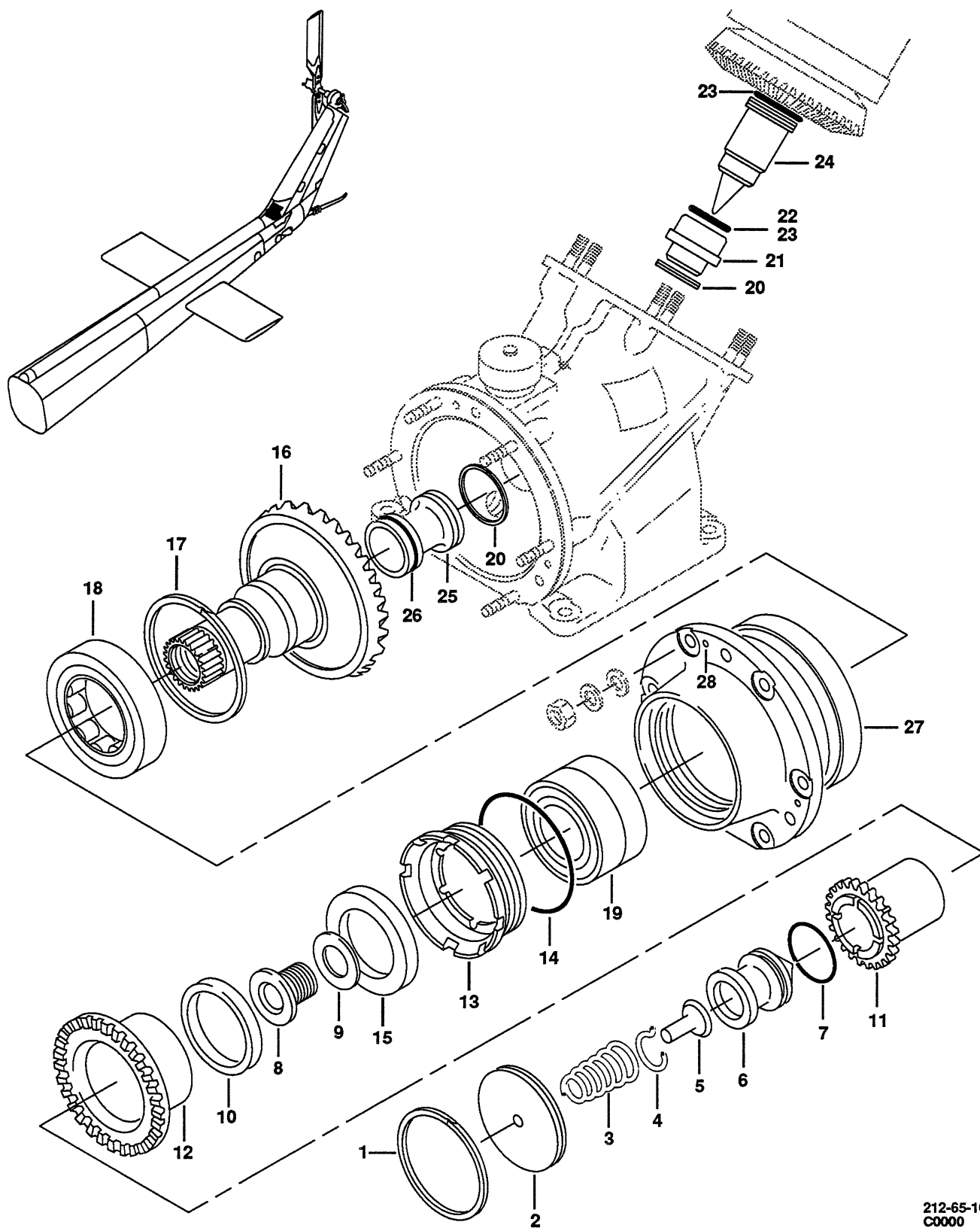


Figure 65-3. Quill assembly

212-65-1003  
C0000

(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>FIGURE: 65-3. Quill assembly</b>			
	212-040-003-009	QUILL ASSY, INPUT (SEE FIG. 2 FOR NHA) . . . . .	REF	0	
	212-040-003-015	QUILL ASSY, INPUT (SEE FIG. 2 FOR NHA) . . . . .	REF	1	
	212-040-003-011	QUILL ASSY, OUTPUT (SEE FIG. 2 FOR NHA) . . . . .	REF	0	
	212-040-003-017	QUILL ASSY, OUTPUT (SEE FIG. 2 FOR NHA) . . . . .	REF	1	
1	RRT237C	.RETAINER (REPLACED BY RRT-237-C) . . . . .	1	0	
1	RRT-237-C	.RETAINER (REPLACES RRT237C) . . . . .	1	0	
2	204-040-610-001	.PLATE ASSY . . . . .	1	1	
3	204-040-608-001	.SPRING (USBL ON 212-040-003-009 AND -015) . . . . .	1	1	
3	212-040-310-101	.SPRING (USBL ON 212-040-003-011 AND -017) . . . . .	1	1	
4	204-040-609-001	.SPRING . . . . .	1	1	
5	204-040-422-005	.SPACER . . . . .	1	1	
6	204-040-607-007	.RETAINER (USBL ON 212-040-003-009, -011 AND -015) . . . . .	1	1	
6	204-040-607-005	.RETAINER (USBL ON 212-040-003-017) . . . . .	1	1	
7	MS29561-216	.PACKING, PREFORMED (REPLACED BY M83248/1-216) . . . . .	1		
7	M83248/1-216	.PACKING, PREFORMED (REPLACES MS29561-216) . . . . .	1		
8	204-040-612-001	.BOLT . . . . .	1	1	
9	204-040-606-001	.WASHER . . . . .	1	1	
10	204-040-611-001	.SEAL . . . . .	1	1	
11	204-040-603-011	.COUPLING . . . . .	1	1	
12	204-040-604-005	.COUPLING . . . . .	1	0	
13	212-040-501-001	.NUT . . . . .	1	1	
14	MS29561-234	.PACKING, PREFORMED (REPLACED BY M83248/1-234) . . . . .	1		
14	M83248/1-234	.PACKING, PREFORMED (REPLACES MS29561-234) . . . . .	1		
15	451858H60	.SEAL (REPLACED BY 212-340-100-101) . . . . .	1		
15	212-340-100-101	.SEAL (REPLACES 451858H60) . . . . .	1		
16	212-040-500-004	.BEVEL GEAR (USBL ON 212-040-003-011) (REPLACED . . . BY 212-040-500-006)	1	0	
16	212-040-500-006	.BEVEL GEAR (USBL ON 212-040-003-011 AND -017) . . . . (REPLACES 212-040-500-004)	1	1	
16	212-040-500-005	.BEVEL GEAR (USBL ON 212-040-003-009) (REPLACED . . . BY 212-040-500-007)	1	0	
16	212-040-500-007	.BEVEL GEAR(NOTE 1) (USBL ON 212-040-003-009 AND . . . -015) (REPLACES 212-040-500-005)	1	1	
17	RR314L	.RETAINER (REPLACED BY M27426-3175C) . . . . .	1	0	
17	M27426-3175C	.RETAINER (REPLACES RR314L) . . . . .	1	0	
18	212-040-210-001	.BEARING (REPLACED BY 212-040-210-003) . . . . .	1	0	
18	212-040-210-003	.BEARING (REPLACES 212-040-210-001) . . . . . (ALTERNATE PARTS)	1	1	
18	212-040-210-101	.BEARING . . . . .	1		
18	212-040-210-103	.BEARING . . . . .	1	6	
19	212-040-143-001	.BEARING . . . . . (ALTERNATE PART)	1	6	
19	212-040-143-101	.BEARING SET . . . . .	1	1	
20	RR137L	.RETAINER (NOTE 1) (REPLACED BY M27426-3133C) . . . . (USBL ON 212-040-003-009, -011 AND -017)	1	1	
20	M27426-3133C	.RETAINER (NOTE 1) (REPLACES RR137L) (USBL ON . . . . . 212-040-003-009, -011 AND -017) (ALTERNATE PART)	1	1	
20	RR-137BX	.RETAINER . . . . .	1		
21	212-040-514-001	.SLEEVE (USBL ON 212-040-003-011 AND -017) . . . . .	1	1	



(1) INDEX NUMBER	(2) <b>PART NUMBER</b>	(3) <b>ITEM NAME</b>	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>FIGURE: 65-3. Quill assembly (Cont'd)</b>			
22	MS29561-022	.PACKING, PREFORMED (NOTE 1) (REPLACED BY . . . . . M83248/1-022) (USBL ON 212-040-003-009)	1		
22	M83248/1-022	.PACKING, PREFORMED (NOTE 1) (REPLACES . . . . . MS29561-022) (USBL ON 212-040-003-009)	1		
23	MS29561-022	.PACKING, PREFORMED (REPLACED BY M83248/1-022) . . . (USBL ON 212-040-003-011 AND -017)	2		
23	M83248/1-022	.PACKING, PREFORMED (REPLACES MS29561-022) (USBL . . ON 212-040-003-011 AND -017)	2		
24	212-040-515-001	.HOUSING ASSY (USBL ON 212-040-003-011 AND -017) . . .	1	1	
25	212-040-505-001	.PLUG (NOTE 1) (USBL ON 212-040-003-009) . . . . .	1	1	
26	MS29561-022	.PACKING, PREFORMED (USEABLE ON 212-040-003-009) . . (REPLACED BY M83248/1-022)	1		
26	M83248/1-022	.PACKING, PREFORMED (USEABLE ON 212-040-003-009) . . (REPLACES MS29561-022)	1		
27	212-040-502-001	.SLEEVE ASSY . . . . .	1	1	
28	MS24693S4	..SCREW (REPLACED BY MS24693-S4) . . . . .	3	0	
28	MS24693-S4	..SCREW (REPLACES MS24693S4) . . . . .	3	0	
		NOTE 1: WHEN 212-040-500-007 BEVEL GEAR IS USED, THE 212-040-505-001 PLUG, MS29561-022 PACKING AND RR137L RING ARE NOT REQUIRED.			

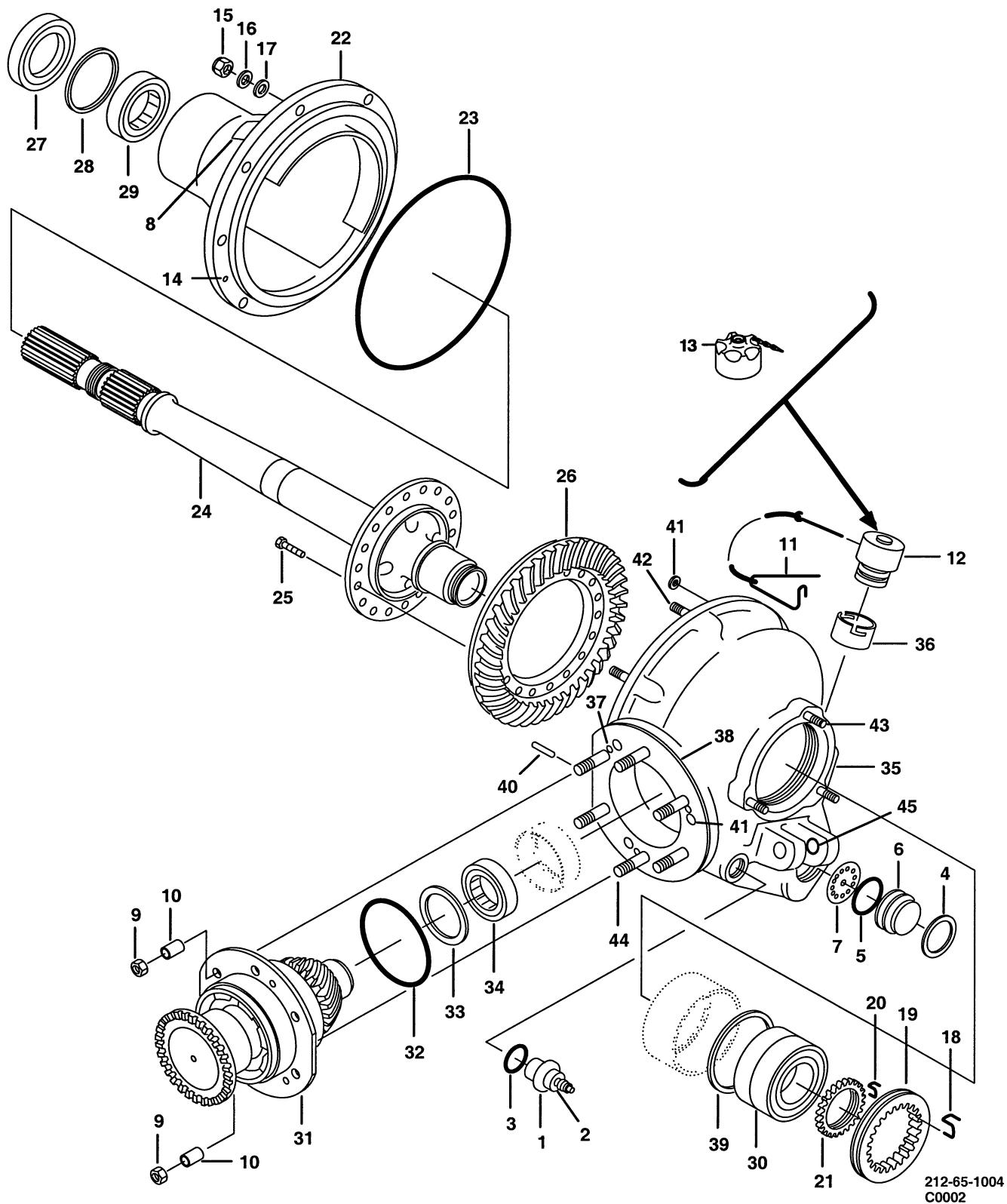


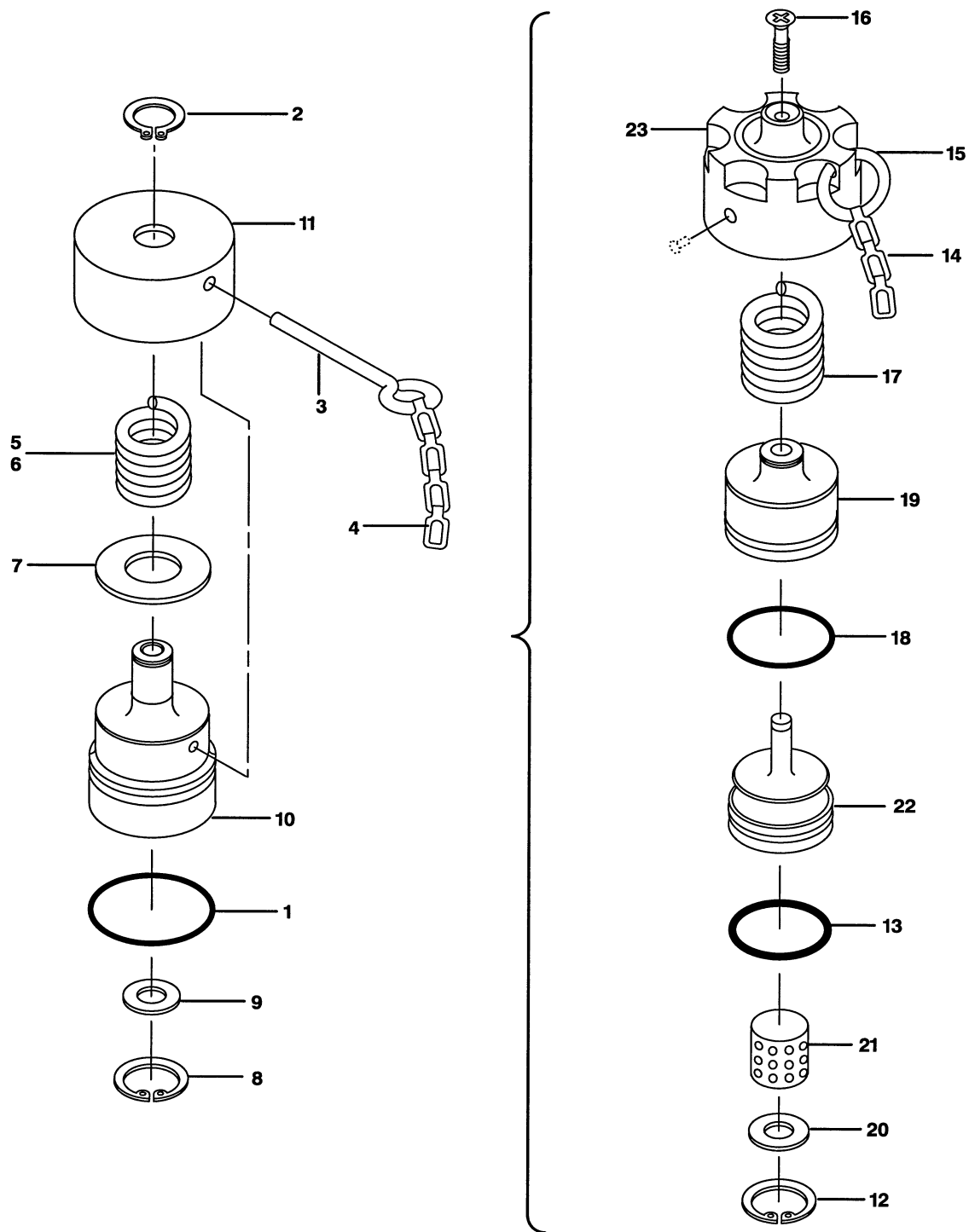
Figure 65-4. Gearbox assembly, tail rotor drive



(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>FIGURE: 65-4. Gearbox assembly, tail rotor drive</b>			
	212-040-004-005	GEARBOX ASSY, TAIL ROTOR DRIVE (S/N 30504 THRU . . . . 31108) (SEE FIG. 1 FOR NHA) (REPLACED BY 212-040-004-009)	REF	0	
	212-040-004-009	GEARBOX ASSY, TAIL ROTOR DRIVE (SEE FIG. 1 FOR NHA) . (REPLACES 212-040-004-005)	REF		
1	B3703	.CHIP DETECTOR . . . . .	1	1	
2	M83248-1-011	..PACKING, PREFORMED (REPLACED BY M83248/1-011) . . .	2	0	
2	M83248/1-011	..PACKING, PREFORMED (REPLACES M83248-1-011) . . . .	2	1	
3	AN123027	.GASKET (REPLACED BY 60-014-027) . . . . .	1		
3	60-014-027	.GASKET (REPLACES AN123027) . . . . .	1		
4	RRT-150C	.RETAINER . . . . .	1	1	
5	MS29561-218	.PACKING, PREFORMED (REPLACED BY M83248/1-218) . . .	1	1	
5	M83248/1-218	.PACKING, PREFORMED (REPLACES MS29561-218) . . . . .	1	1	
6	204-040-514-001	.GLASS . . . . .	1	1	
7	206-040-093-001	.INDICATOR . . . . .	1	1	
8	AN7510-1	.PLATE (REPLACED BY MS27253-1) . . . . .	1		
8	MS27253-1	.PLATE, ID (REPLACES AN7510-1) . . . . .	1	1	
9	AN315-6R	.NUT . . . . .	2	1	
10	NAS43DD6-49	.SPACER . . . . .	2	0	
11	AN416-2	.PIN . . . . .	1	1	
12	204-040-502-009	.CAP ASSY (SEE FIG. 4A FOR BREAKDOWN) (REPLACED BY . . 412-040-318-101)	1	1	
13	412-040-318-101	.CAP ASSY (SEE FIG. 4A FOR BREAKDOWN) (REPLACES . . . . 204-040-502-009)	1	1	
14	120-151-4-8	.SETSCREW . . . . .	3	1	
15	NAS679A4	.NUT (REPLACED BY MS21042L4) . . . . .	8	0	
15	MS21042L4	.NUT (REPLACES NAS679A4) . . . . .	8	1	
16	AN960-416L	.WASHER (REPLACED BY NAS1149F0432P) . . . . .	8	1	
16	NAS1149F0432P	.WASHER (REPLACES AN960-416L) . . . . .	8		
17	NAS1197-416	.WASHER . . . . .	8	1	
18	212-040-471-001	.CLIP . . . . .	1	1	
19	212-040-470-001	.NUT . . . . .	1	1	
20	204-040-413-001	.CLIP . . . . .	1	1	
21	204-040-412-001	.NUT . . . . .	1	1	
22	212-040-452-001	.SLEEVE ASSY . . . . .	1	1	
23	MS29561-264	.PACKING, PREFORMED (REPLACED BY M83248/1-264) . . .	1		
23	M83248/1-264	.PACKING, PREFORMED (REPLACES MS29561-264) . . . . .	1		
24	212-040-462-001	.SHAFT . . . . .	1	1	
25	NAS1304-2H	.BOLT (REPLACED BY NAS6604H2) . . . . .	18		
25	NAS6604H2	.BOLT (REPLACES NAS1304-2H) . . . . .	18	1	
26	212-040-451-001	.GEAR (REPLACED BY 212-040-451-003) . . . . .	1	0	
26	212-040-451-003	.GEAR (REPLACES 212-040-451-001) . . . . .	1	1	
27	410122H19	.SEAL . . . . .	1		
28	RR244L	.RETAINER (REPLACED BY M27426-3159C) . . . . .	1		
28	M27426-3159C	.RING (REPLACES RR244L) . . . . .	1	1	
29	212-040-466-001	.BEARING . . . . .	1	1	
30	212-040-456-001	.BEARING . . . . .	1	1	
31	212-040-004-003	.QUILL ASSY (SEE FIG. 5 FOR BREAKDOWN) (USBL ON . . . . 212-040-004-005)	1		



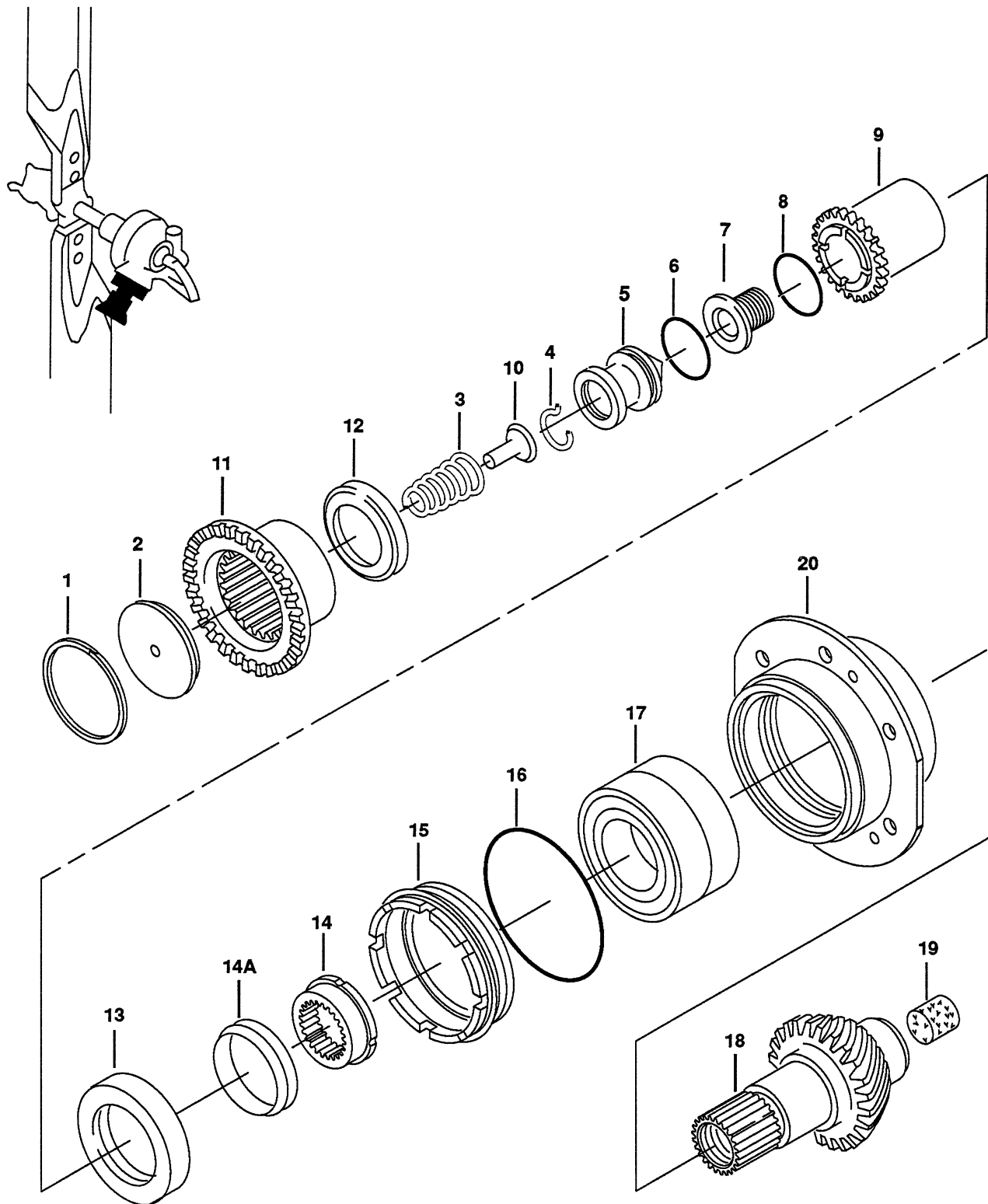
(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>FIGURE: 65-4. Gearbox assembly, tail rotor drive (Cont'd)</b>			
31	212-040-004-011	.QUILL ASSY (SEE FIG. 5 FOR BREAKDOWN) (USBL ON . . . . 212-040-004-009)	1	0	
32	MS29561-236	.PACKING, PREFORMED (REPLACED BY M83248/1-236) . . .	1		
32	M83248/1-236	.PACKING, PREFORMED (REPLACES MS29561-236) . . . . .	1	1	
33	RR204L	.RETAINER (REPLACED BY M27426-3150C) . . . . .	1		
33	M27426-3150C	.RETAINER (REPLACES RR204L) . . . . .	1	1	
34	212-040-455-001	.BEARING . . . . . (ALTERNATE PART)	1	1	
34	212-040-455-101	.BEARING . . . . .	1		
35	212-040-468-001	.CASE ASSY . . . . .	1	1	
36	204-040-506-001	..ADAPTER (REPLACED BY 204-040-506-003) . . . . .	1		
36	204-040-506-003	..ADAPTER (REPLACES 204-040-506-001) . . . . .	1	1	
37	MS24693S4	..SCREW (REPLACED BY MS24693-S4) . . . . .	3	0	
37	MS24693-S4	..SCREW (REPLACES MS24693S4) . . . . .	3	1	
38	212-040-468-009	..PLATE (NOTE 1) (MAKE FROM 212-040-460-001) . . . . .	1		
38	212-040-460-001	..PLATE (NOTE 1) . . . . .	1		
39	212-040-468-011	..SHIM (NOTE 2) (MAKE FROM 212-040-465-001) . . . . .	1	6	
39	212-040-465-001	..SHIM (NOTE 2) . . . . .	1		
40	NAS607-3-5P	..PIN . . . . .	1	1	
41	RLA23SM-4 (.000)	..WASHER . . . . .	6	1	
42	AN126234	..STUD, STANDARD (NOTE 3) . . . . .	8	1	
42	AN126235	..STUD, .003 OVERSIZE (NOTE 3) . . . . .	8	1	
42	AN126236	..STUD, .006 OVERSIZE (NOTE 3) . . . . .	8		
42	AN126237	..STUD, .009 OVERSIZE (NOTE 3) . . . . .	8	1	
42	AN126238	..STUD, .012 OVERSIZE (NOTE 3) . . . . .	8	1	
43	AN126000	..STUD, STANDARD (NOTE 3) . . . . .	3	1	
43	AN126001	..STUD, .003 OVERSIZE (NOTE 3) . . . . .	3	1	
43	AN126002	..STUD, .006 OVERSIZE (NOTE 3) . . . . .	3	1	
43	AN126003	..STUD, .009 OVERSIZE (NOTE 3) . . . . .	3	1	
43	AN126004	..STUD, .012 OVERSIZE (NOTE 3) . . . . .	3	1	
44	212-040-472-003	..STUD, STANDARD (NOTE 3) . . . . .	6	1	
44	212-040-472-005	..STUD, .003 OVERSIZE (NOTE 3) . . . . .	6	1	
44	212-040-472-007	..STUD, .006 OVERSIZE (NOTE 3) . . . . .	6	1	
44	212-040-472-009	..STUD, .009 OVERSIZE (NOTE 3) . . . . .	6	1	
44	212-040-472-011	..STUD, .012 OVERSIZE (NOTE 3) . . . . .	6	1	
45	209-011-716-003	..BUSHING . . . . .	2	1	
	205-1006-4	.SEAL KIT . . . . .	1	1	
		NOTE 1: WHEN ORDERING PLATE, PART NUMBER 212-040-468-009, FURNISH BHT WITH DIMENSIONS ETCHED IN CASE.			
		NOTE 2: WHEN ORDERING SHIM, PART NUMBER 212-040-468-011 FURNISH BHT WITH DIMENSIONS ETCHED IN CASE.			
		NOTE 3: REFER TO BHT-212 CR&O MANUAL FOR USAGE			



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Figure 65-4A. Cap assembly for 42 and 90 degree gearbox

(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>FIGURE: 65-4A. Cap assembly for 42 and 90 degree gearbox</b>			
	204-040-502-009	CAP ASSY (SEE FIG. 2, 4 FOR NHA) (REPLACED BY . . . . . 412-040-318-101)	REF	1	
1	MS29561-210	.PACKING, PREFORMED (REPLACED BY M83248/1-210) . . .	1		
1	M83248/1-210	.PACKING, PREFORMED (REPLACES MS29561-210) . . . . . (REPLACED BY AS3209-210)	1	1	
1	AS3209-210	.PACKING PREFORMED (REPLACES M83248/1-210) . . . . .	1		
2	MS16624-5018-1	.RETAINER . . . . .	1	1	
3	204-040-502-005	.PIN . . . . .	1	1	
4	NAS1455A00-4	.CHAIN (NOTE 1) (MAKE FROM NAS1455A00-(*)) . . . . .	1	0	
4	NAS1455A00-(* )	.CHAIN (NOTE 1) . . . . .	1	1	
5	204-040-502-003	.SPRING ASSY . . . . .	1	1	
6	54-436-055-1	. .SPRING . . . . .	1		
7	140-003-19-50	. .WASHER . . . . .	1		
8	MS16625-1056	.RETAINER . . . . .	1	1	
9	204-040-509-001	.WASHER . . . . .	1	1	
10	204-040-505-005	.PLUG . . . . .	1		
11	204-040-503-003	.CAP . . . . .	1	1	
	412-040-318-101	CAP ASSY (SEE FIG. 2, 4 FOR NHA) (REPLACES . . . . . 204-040-502-009)	1	1	
12	MS16625-1056	.RETAINER . . . . .	1	1	
13	M83248/1-209	.PACKING, PREFORMED . . . . .	1	1	
14	NAS1455A00-4	.CHAIN (NOTE 1) (MAKE FROM NAS1455A00-(*)) . . . . .	1	0	
14	NAS1455A00-(* )	.CHAIN (NOTE 1) . . . . .	1	1	
15	M27426-1100B	.RING . . . . .	1		
16	MS24693-C269	.SCREW . . . . .	1		
17	MS24585-C437	.SPRING . . . . .	1		
18	M83248/1-020	.PACKING, PREFORMED . . . . .	1	1	
19	412-040-321-101	.SLIDER . . . . .	1		
20	WD3022-2	.WASHER . . . . .	1	1	
		(ALTERNATE PART)			
20	412-040-322-101	.WASHER . . . . .	1		
21	WD3022-1	.FILTER . . . . .	1	6	
22	412-040-320-101	.PLUG . . . . .	1		
23	412-040-319-101	.CAP ASSY . . . . .	1		
		NOTE 1: (*) PROCURABLE IN ONE FOOT LENGTHS			



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Figure 65-5. Quill assembly

(1) INDEX NUMBER	(2) PART NUMBER	(3) ITEM NAME	(4) UNIT PER ASSY	(5) A V A I L	(6) U O C
		<b>FIGURE: 65-5. Quill assembly</b>			
	212-040-004-003	QUILL ASSY (SEE FIG. 4 FOR NHA) (USBL ON . . . . . 212-040-004-005)	REF		
	212-040-004-011	QUILL ASSY (SEE FIG. 4 FOR NHA) (USBL ON . . . . . 212-040-004-009)	REF		
1	RRT237C	.RETAINER (REPLACED BY RRT-237-C) . . . . .	1		
1	RRT-237-C	.RETAINER (REPLACES RRT237C) . . . . .	1		
2	204-040-610-001	.PLATE ASSY . . . . .	1		
3	204-040-608-001	.SPRING . . . . .	1		
4	204-040-609-001	.SPRING . . . . .	1		
5	204-040-607-007	.RETAINER . . . . .	1		
6	MS29561-216	.PACKING, PREFORMED (REPLACED BY M83248/1-216) . . .	1		
6	M83248/1-216	.PACKING, PREFORMED (REPLACES MS29561-216) . . . . .	1		
7	204-040-612-001	.BOLT . . . . .	1		
8	204-040-606-001	.WASHER . . . . .	1		
9	204-040-603-011	.COUPLING . . . . .	1		
10	204-040-422-005	.SPACER . . . . .	1		
11	204-040-604-005	.COUPLING . . . . .	1		
12	204-040-611-001	.SEAL . . . . .	1		
13	410082HAE	.SEAL . . . . .	1		
14	212-040-457-001	.SPACER ASSY . . . . .	1		
14A	J1105	.SLEEVE . . . . .	1		
15	212-040-458-001	.NUT . . . . .	1		
16	MS29561-235	.PACKING, PREFORMED (REPLACED BY M83248/1-235) . . .	1		
16	M83248/1-235	.PACKING, PREFORMED (REPLACES MS29561-235) . . . . .	1		
17	212-040-456-001	.BEARING . . . . .	1		
18	212-040-450-001	.PINION (S/N 30504 THRU 31108) (USBL ON . . . . . 212-040-004-003) (REPLACED BY 212-040-450-005)	1		
18	212-040-450-005	.PINION (REPLACES 212-040-450-001) . . . . .	1		
19	120-179-15A	.CORK . . . . .	1		
20	212-040-459-001	.SLEEVE . . . . .	1		

