

PART MANUAL

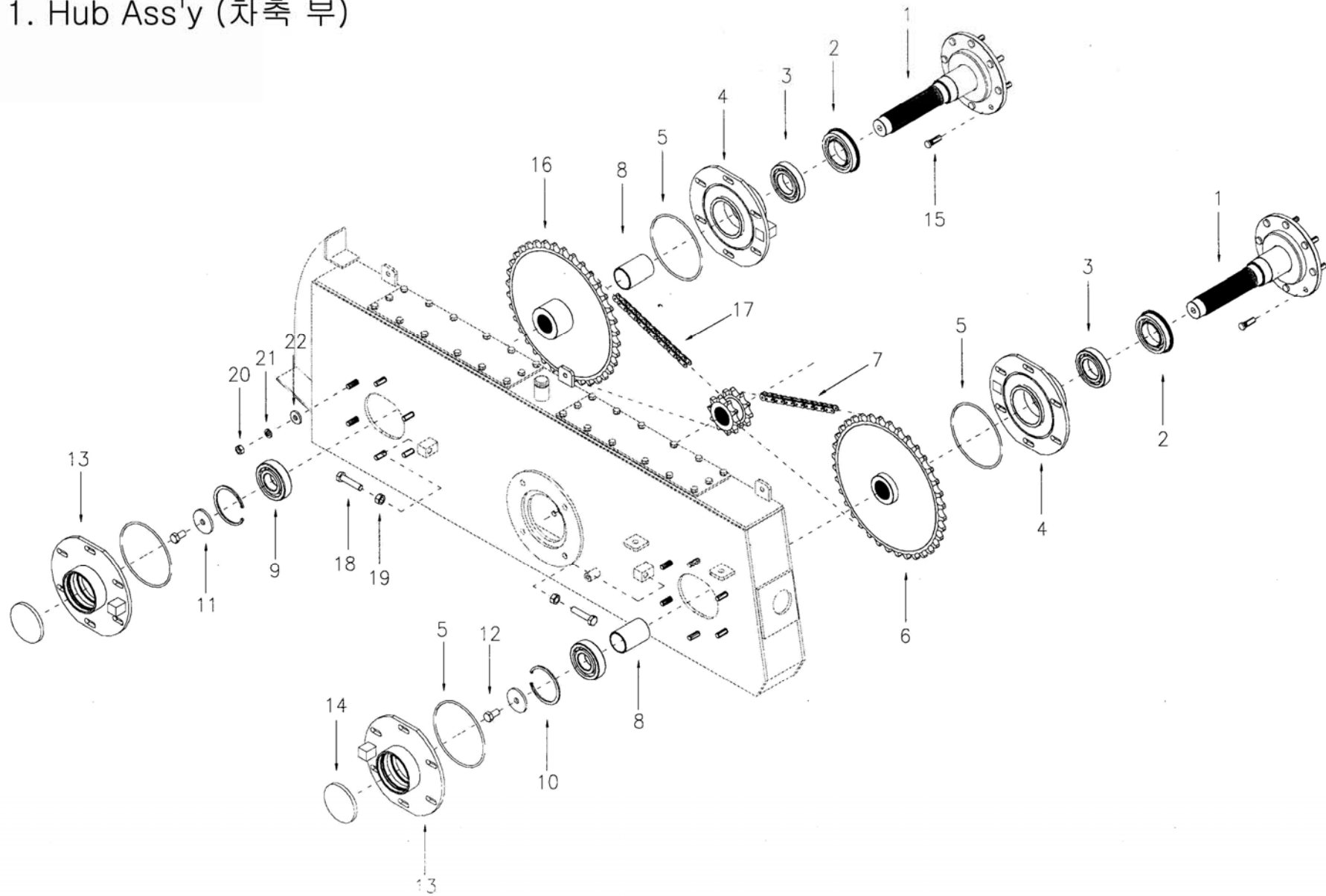
SKID STER LOADER J87

1-201012 / FINAL VERSION



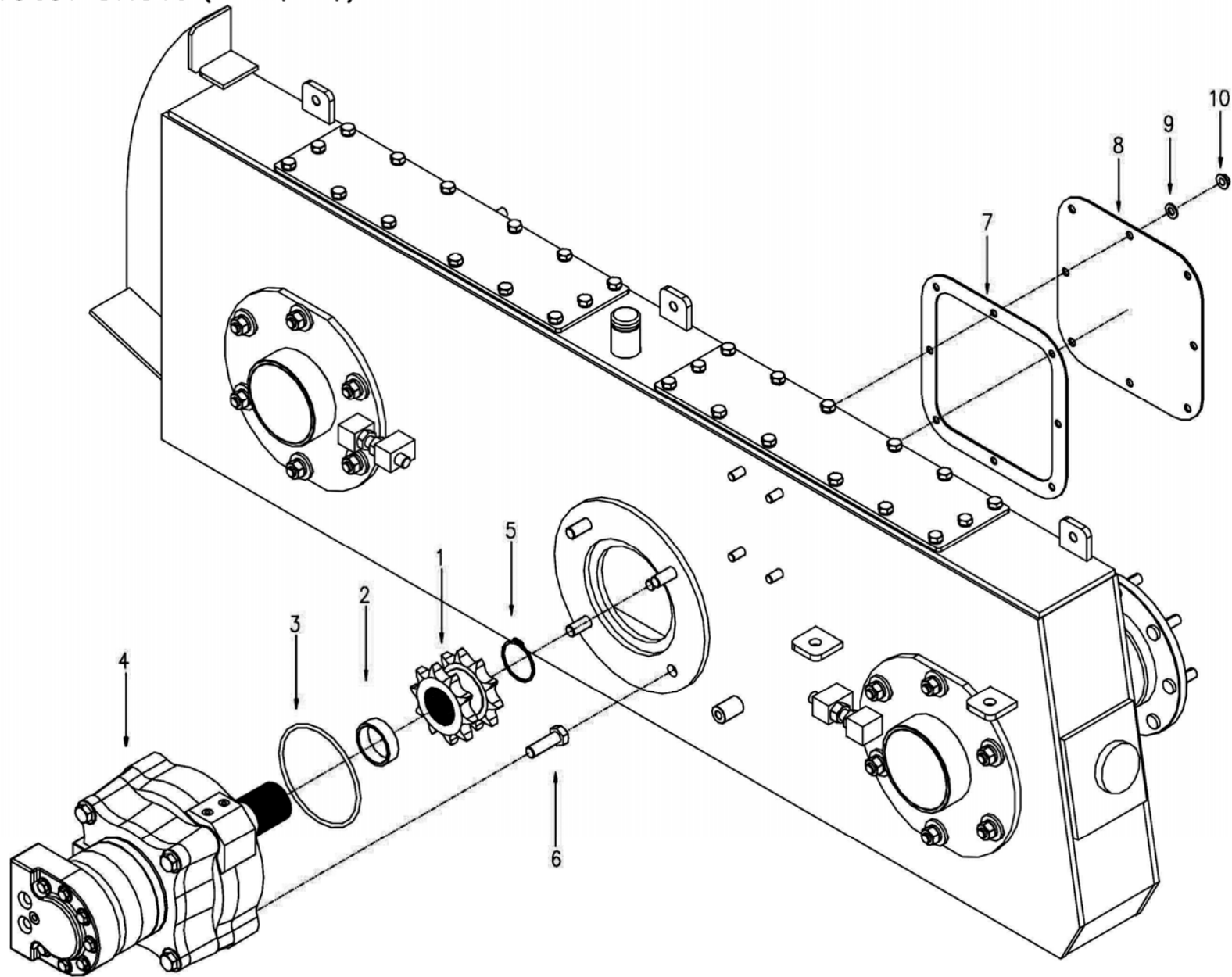
Bawoo Company Corp

1. Hub Ass'y (차축 부)



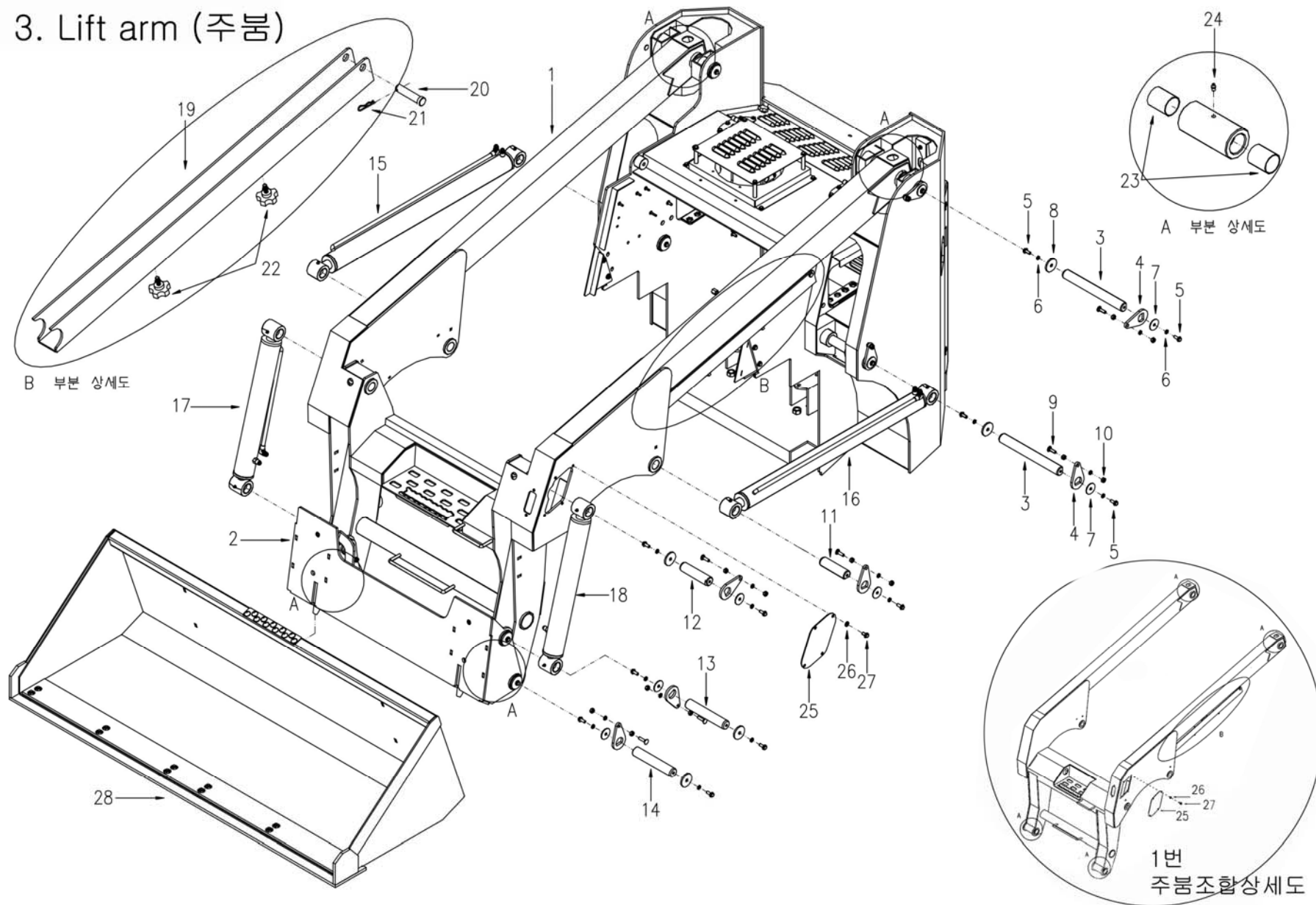
1. Hub Ass'y (차축 부)				
No.	Name	Part No.	Quantity	Remarks
1	Axle (차축)	870-0101	4	
2	Retainer (리테이너)	870-0102	4	
3	Bearing (베어링)	870-0103	4	
4	A fixed plate for tensioner, OUT (텐션 고정판 OUT)	870-0104	4	
5	O-ring (오 링)	870-0105	8	
6	Front chain gear (앞쪽 체인 기어)	870-0106	2	
7	Chain (체인)	870-0107	2	
8	Bushing (부시)	870-0108	4	
9	Bearing (베어링)	870-0109	4	
10	Snap ring (스냅링)	870-0110	4	
11	Washer (와셔)	870-0111	4	
12	Bolt (볼트)	870-0112	4	
13	A fixed plate for tensioner, IN (텐션 고정판 IN)	870-0113	4	
14	Rubber cap (고무 마개)	870-0114	4	
15	Wheel bolt (휠 볼트)	870-0115	32	
16	Rear chain gear (뒤쪽 체인 기어)	870-0116	2	
17	Chain (체인)	870-0117	2	
18	Bolt (볼트)	870-0118	8	
19	Nut (너트)	870-0119	8	
20	Nut (너트)	870-0120	48	
21	Spring washer (스프링 와셔)	870-0121	48	
22	Washer (와셔)	870-0122	48	

2. Motor shaft (모터 축)



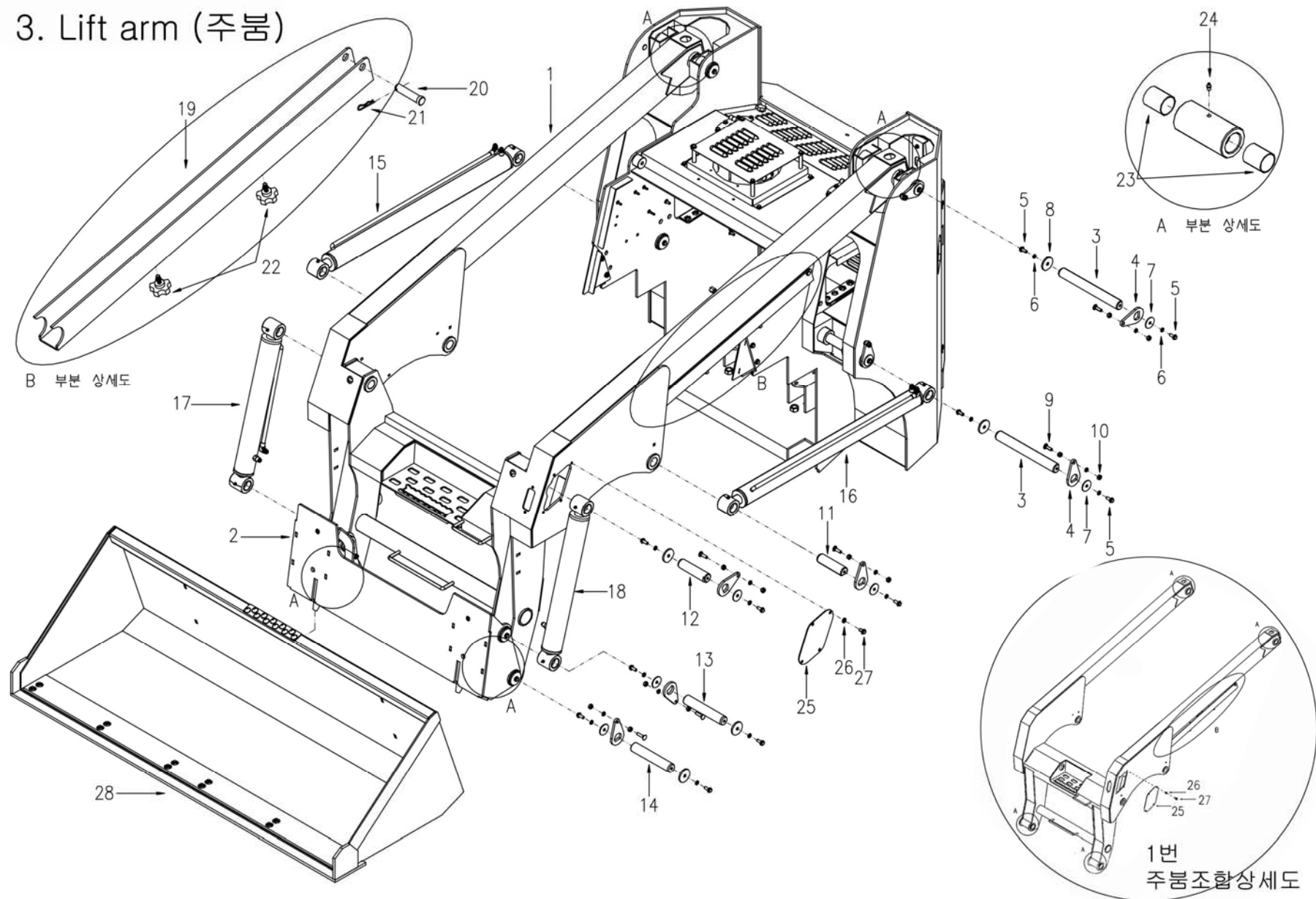
2. Motor shaft (모터 축) - VIS40 모터				
No.	Name	Part No.	Quantity	Remarks
1	Chain gear (체인 기어)	870-0201	2	
2	Bushing (부시)	870-0202	2	
3	O-ring (오 링)	870-0203	2	
4	Motor (모터)	870-0204	2	
5	Snap ring (스냅링)	870-0205	2	
6	Bolt (볼트)	870-0206	8	
7	O-ring (오 링)	870-0207	2	
8	Spacing plate for service window (정비창 간격판)	870-0208	2	
9	Service window (정비창)	870-0209	2	
10	Washer (와셔)	870-0210	16	
11	Spring washer (스프링 와셔)	870-0211	16	
12	Nut (너트)	870-0212	16	

3. Lift arm (주뿔)



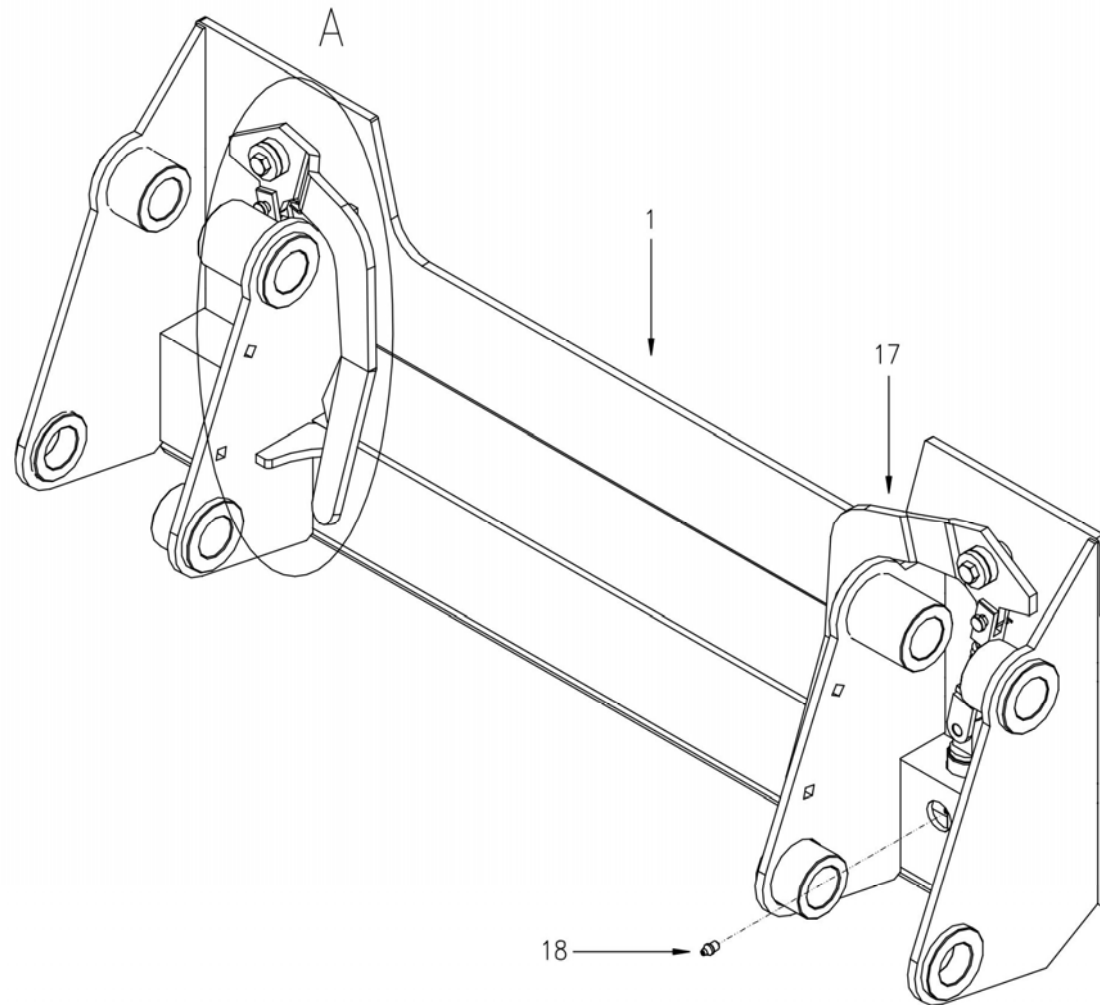
3. Lift arm (주뿔)				
No.	Name	Part No.	Quantity	Remarks
1	Lift arm ass'y (주뿔 조합)	870-0301	1	
2	Pad ass'y (패드 조합)	870-0302	1	
3	Horning pipe, pin for lift cylinder (주뿔실린더 핀(호닝관))	870-0303	4	
4	Bracket for fixing pin (핀 고정 브라켓)	870-0304	12	
5	Bolt (볼트)	870-0305	22	
6	Spring washer (스프링 와셔)	870-0306	34	
7	Washer (와셔)	870-0307	12	
8	Washer (와셔)	870-0308	6	
9	Square bolt (사각 볼트)	870-0309	12	
10	Nut (너트)	870-0310	24	
11	Rod, pin for lift cylinder (주뿔 실린더 핀(로드))	870-0311	2	
12	Horning pipe, pin for tilt cylinder (버킷실린더 핀(호닝관))	870-0312	2	
13	Rod, pin for tilt cylinder (버킷 실린더 핀(로드))	870-0313	2	
14	Pin for pad (패드 핀)	870-0314	2	
15	Lift cylinder RH (오른쪽 주뿔 실린더)	870-0315	1	
16	Lift cylinder LH (왼쪽 주뿔 실린더)	870-0316	1	
17	Tilt cylinder RH (오른쪽 버킷 실린더)	870-0317	1	
18	Tilt cylinder LH (왼쪽 버킷 실린더)	870-0318	1	
19	Lift arm support device (주뿔 지지대)	870-0319	1	
20	Fixed Pin (고정 핀)	870-0320	1	
21	Snap pin (스냅핀)	870-0321	1	
22	Knob bolt (노브 볼트)	870-0322	2	
23	DU bushing (DU 부시)	870-0323	8	
24	Grease nipple (그리스 니뵐)	870-0324	4	
25	Cover (커버)	870-0325	2	

3. Lift arm (주뿔)



3. Lift arm (주뿔) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
26	Washer (와셔)	870-0326	8	
27	Bolt (볼트)	870-0327	8	
28	Bucket ass'y (버킷 조합)	870-0328	1	

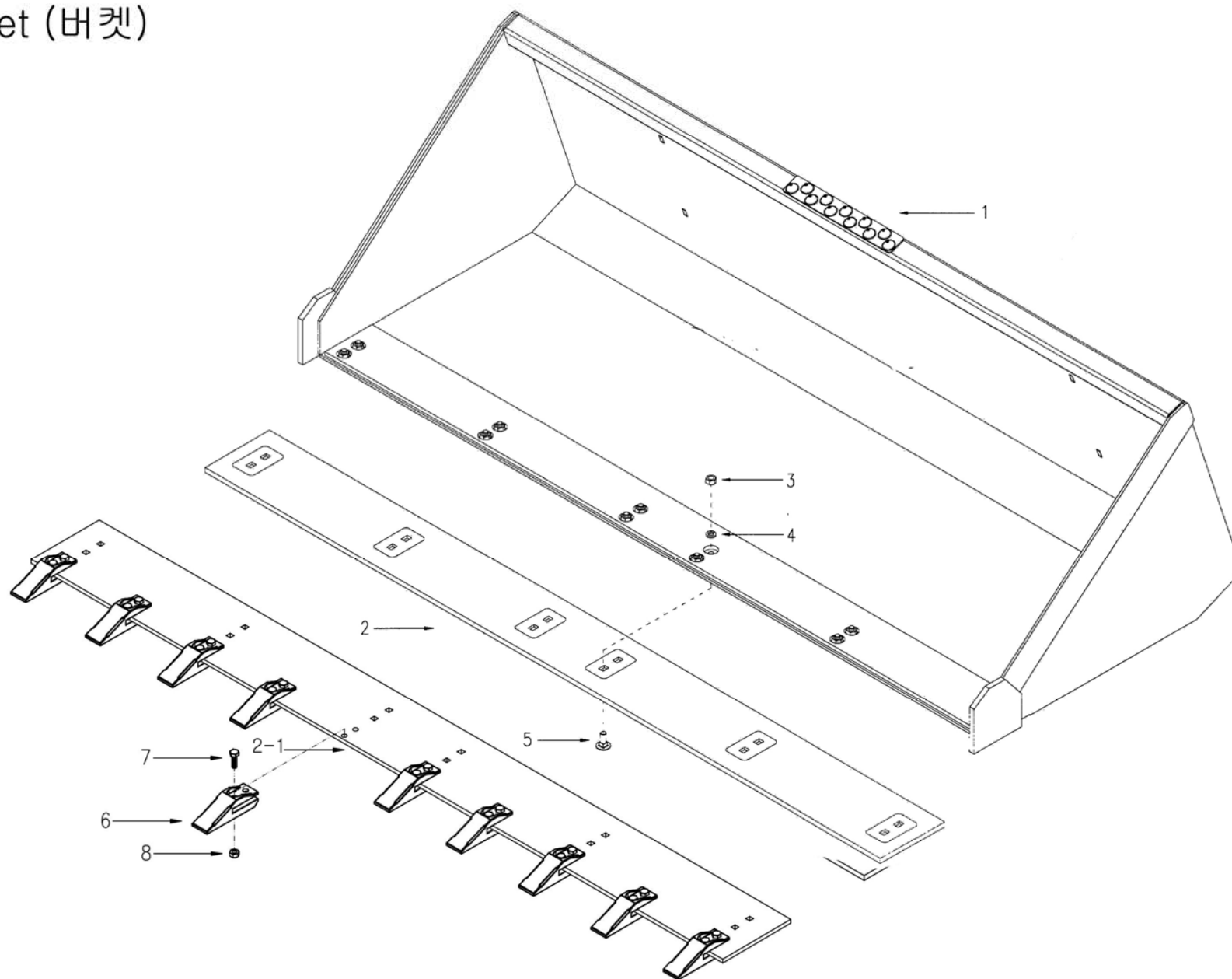
4. Quick tach pad (퀵 태치 패드)



A 부분 상세도

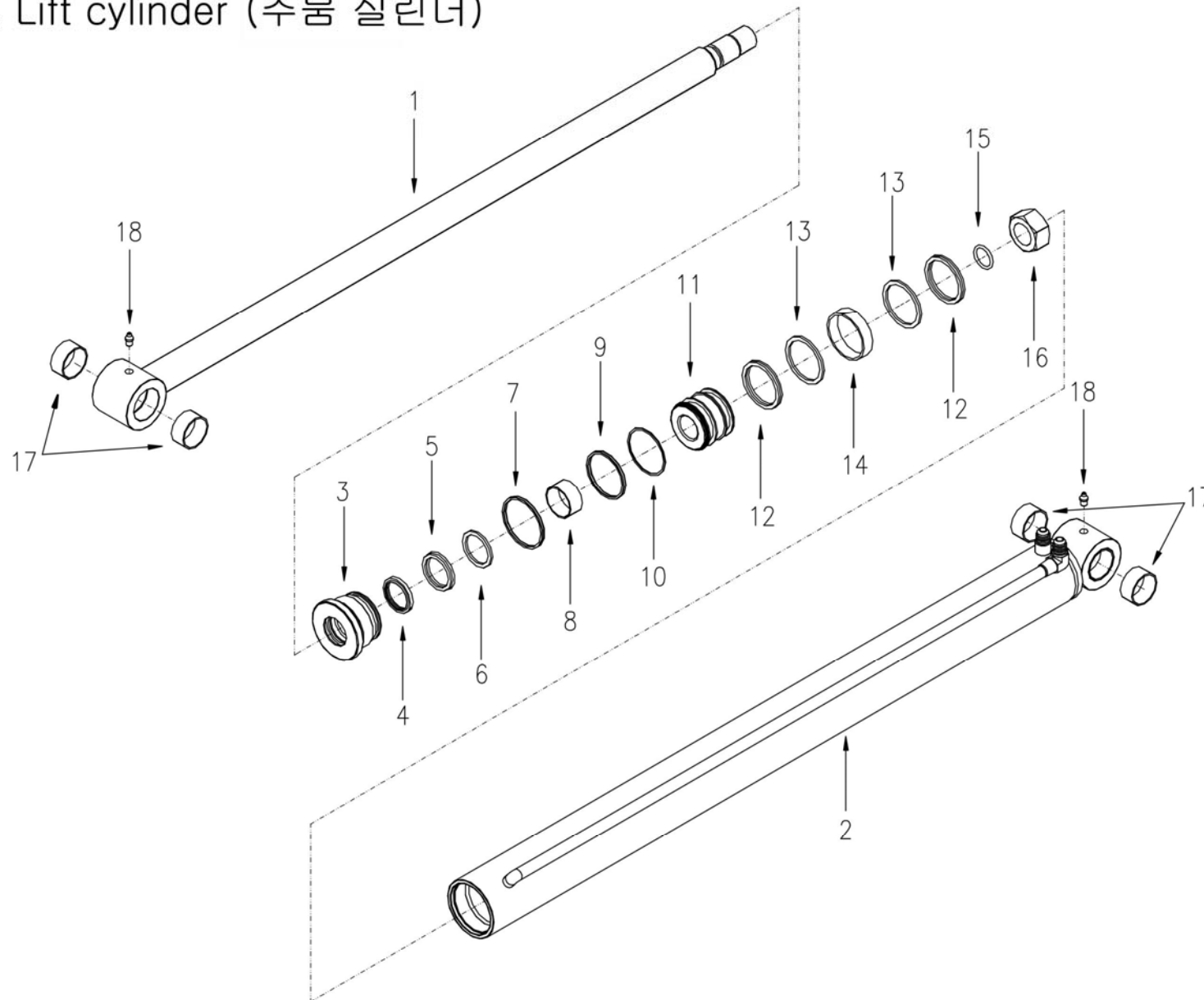
4. Quick tach pad (퀵 태치 패드)				
No.	Name	Part No.	Quantity	Remarks
1	Pad ass'y (패드 조합)	870-0302	1	
2	Handle LH (손잡이 왼쪽)	870-0402	1	
3	Belleville washer (접시 스프링 와셔)	870-0403	2	
4	Washer (와셔)	870-0404	2	
5	Spring washer (스프링 와셔)	870-0405	2	
6	Bolt (볼트)	870-0406	2	
7	Coupling box (연결함)	870-0407	2	
8	Fixed pin (고정 핀)	870-0408	2	
9	Washer (와셔)	870-0409	4	
10	Snap pin (스냅 핀)	870-0410	2	
11	Nut (너트)	870-0411	2	
12	Spring (스프링)	870-0412	2	
13	Coupling box (연결함)	870-0413	2	
14	Bolt (볼트)	870-0414	2	
15	Fixed pin (고정 핀)	870-0415	2	
16	Pin (잠금 핀)	870-0416	2	
17	Handle RH (손잡이 오른쪽)	870-0417	1	
18	Grease nipple (그리스 니플)	870-0418	2	

5. Bucket (버킷)



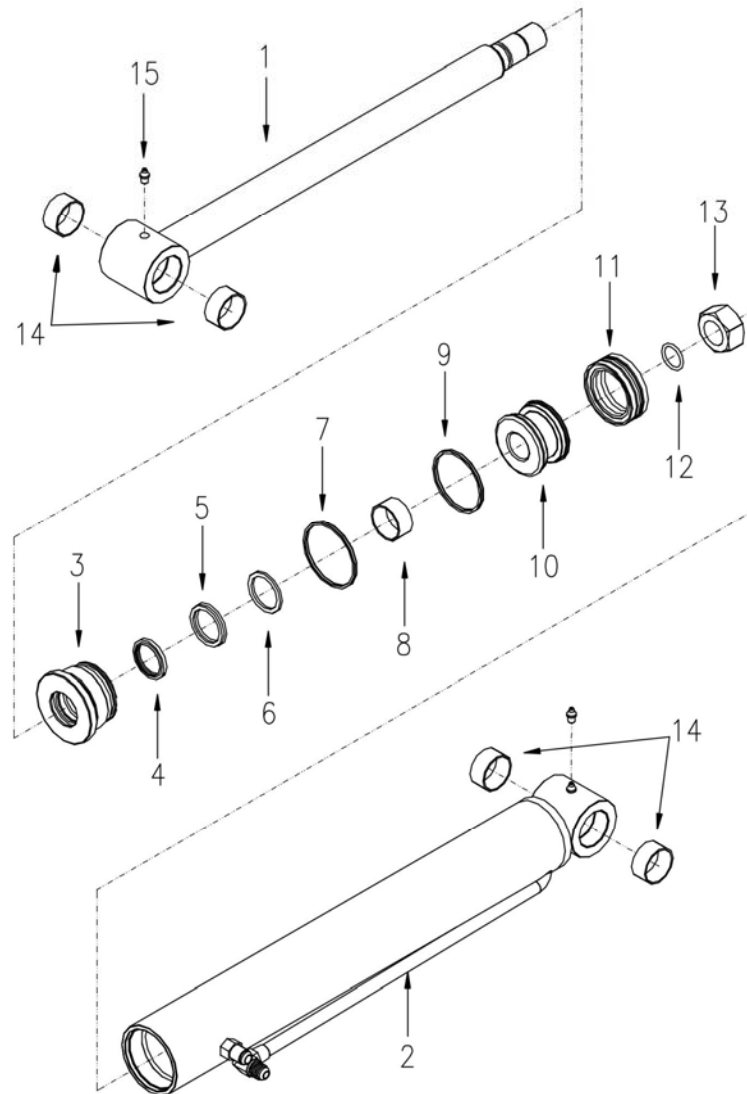
5. Bucket (버킷)				
No.	Name	Part No.	Quantity	Remarks
1	Bucket (버킷)	870-0501	1	
2	Blade (버킷 날)	870-0502	1	
2-1	Blade (버킷 날)	570-0602-01	1	
3	Nut (너트)	870-0503	12	
4	Spring washer (스프링 와셔)	870-0504	12	
5	Square bolt (사각 볼트)	870-0505	12	
6	Tooth (투스)	570-0606	9	
7	Bolt (볼트)	570-0607	18	
8	Nut (너트)	570-0608	18	

6. Lift cylinder (주분 실린더)



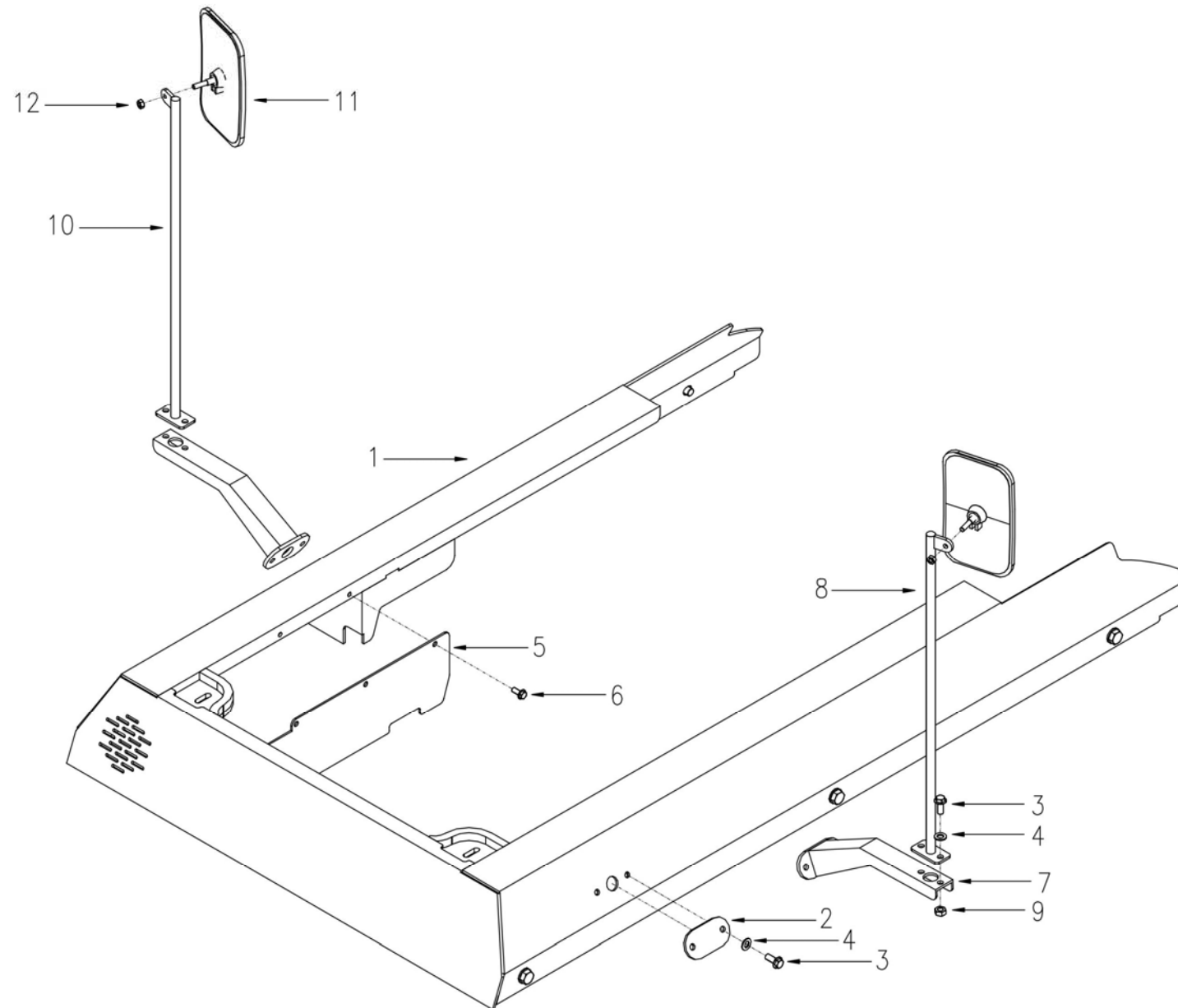
6. Lift cylinder (주뿔 실린더)				
No.	Name	Part No.	Quantity	Remarks
1	Rod (로드)	870-0601	1	
2	Honing pipe (호닝 관)	870-0602	1	
3	Rod cover (로드 커버)	870-0603	1	
4	Dust seal (더스트 씸)	870-0604	1	
5	Rod seal (로드 씸)	870-0605	1	
6	Backup ring(백업링)	870-0606	1	
7	O-ring (오 링)	870-0607	1	
8	DU bushing (DU 부시)	870-0608	1	
9	O-ring (오 링)	870-0609	1	
10	Backup ring(백업링)	870-0610	1	
11	Piston (피스톤)	870-0611	1	
12	Piston seal (피스톤 씸)	870-0612	2	
13	Backup ring(백업링)	870-0613	2	
14	Wear ring (웨어 링)	870-0614	1	
15	O-ring (오 링)	870-0615	1	
16	Nut (너트)	870-0616	1	
17	DU bearing (DU 베어링)	870-0617	4	
18	Grease nipple (그리스 니플)	870-0618	2	

7. Tilt cylinder (버킷 실린더)



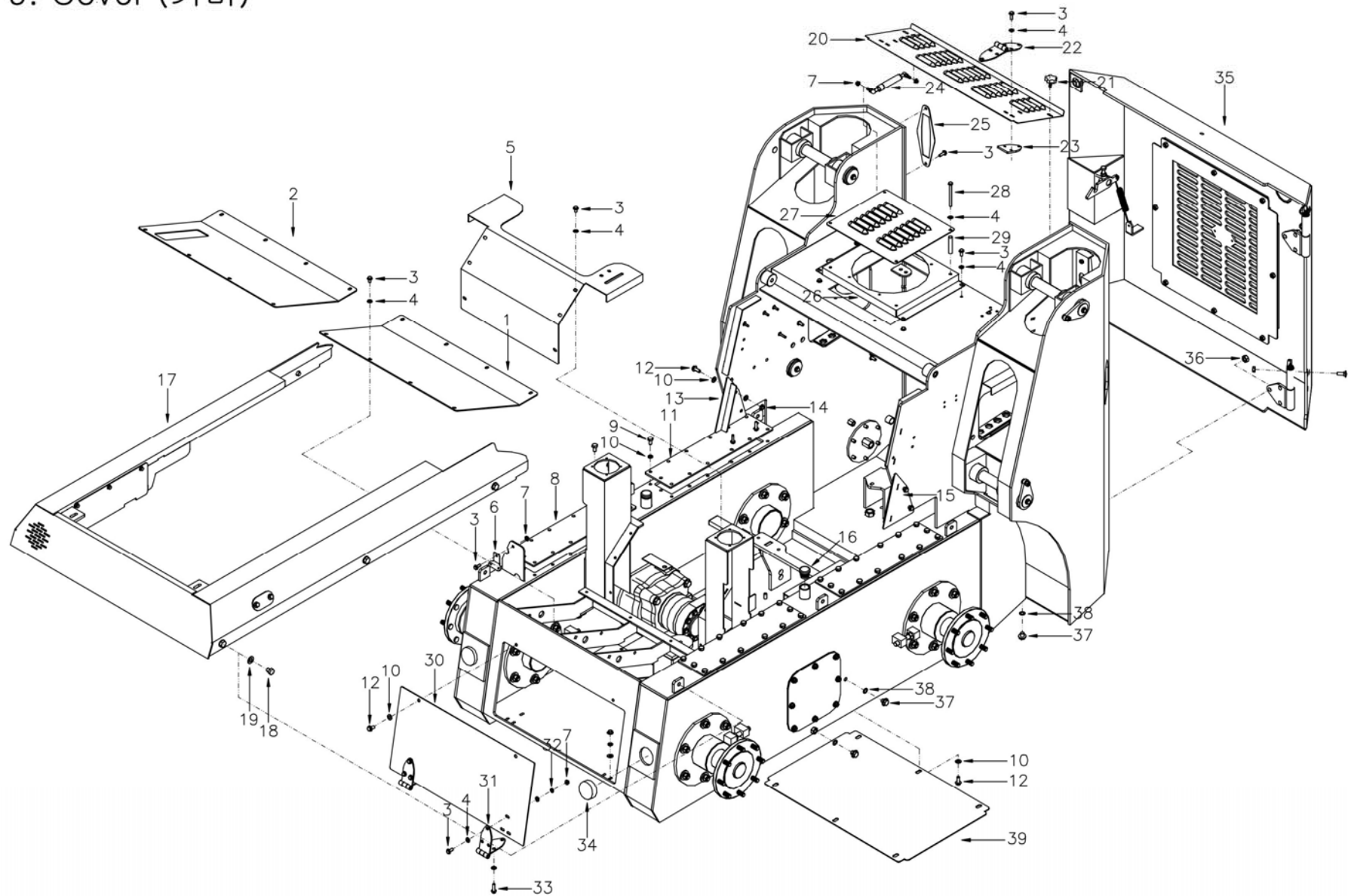
7. Tilt cylinder (버킷 실린더)				
No.	Name	Part No.	Quantity	Remarks
1	Rod (로드)	870-0701	1	
2	Honing pipe (호닝 관)	870-0702	1	
3	Rod cover (로드 커버)	870-0703	1	
4	Dust seal (더스트 씸)	870-0704	1	
5	Rod seal (로드 씸)	870-0705	1	
6	Backup ring(백업링)	870-0706	1	
7	O-ring (오 링)	870-0707	1	
8	DU bushing (DU 부시)	870-0708	1	
9	O-ring (오 링)	870-0709	1	
10	Piston (피스톤)	870-0710	1	
11	Piston seal (피스톤 씸)	870-0711	2	
12	Backup ring(백업링)	870-0712	2	
13	Wear ring (웨어 링)	870-0713	1	
14	O-ring (오 링)	870-0714	1	
15	Nut (너트)	870-0715	1	
16	DU bearing (DU 베어링)	870-0716	4	
17	Grease nipple (그리스 니플)	870-0717	1	

8. Side cover (사이드 커버)



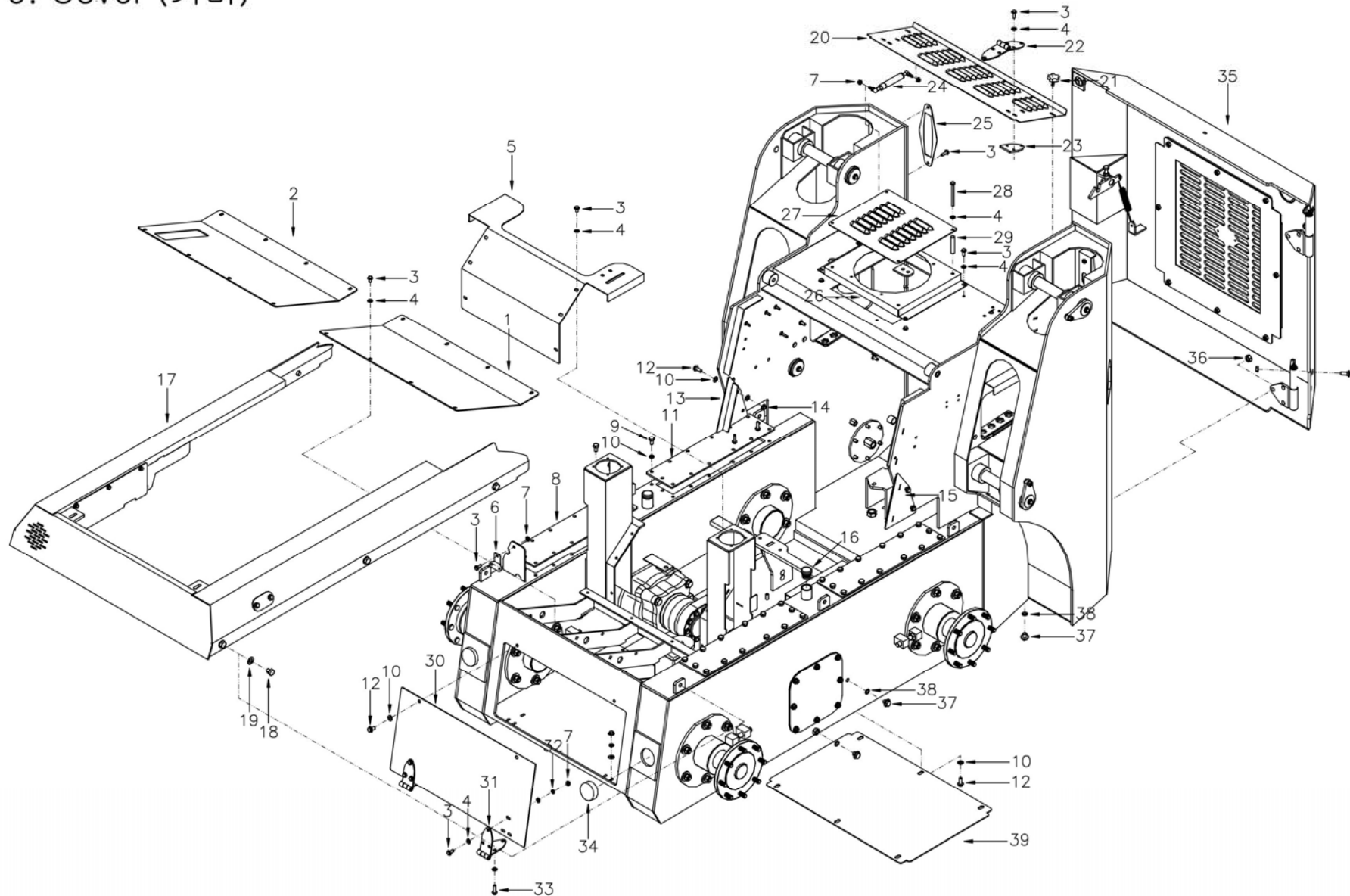
8. Side cover (사이드 커버)				
No.	Name	Part No.	Quantity	Remarks
1	Side cover (사이드 커버)	870-0801	1	
2	Cover (커버)	870-0802	2	
3	Bolt (볼트)	870-0803	8	
4	Washer (와셔)	870-0804	8	
5	Inner cover (안쪽 커버)	870-0805	2	
6	Bolt (볼트)	870-0806	6	
7	Holder for side mirror (사이드 미러 잡이)	870-0807	2	
8	Fixed bar for mirror RH (미러 고정봉 오른쪽)	870-0808R	1	
9	Nut (너트)	870-0809	4	
10	Fixed bar for mirror LH (미러 고정봉 왼쪽)	870-0808L	1	
11	Side mirror (사이드 미러)	870-0810	2	
12	Nut (너트)	870-0811	2	

9. Cover (커버)



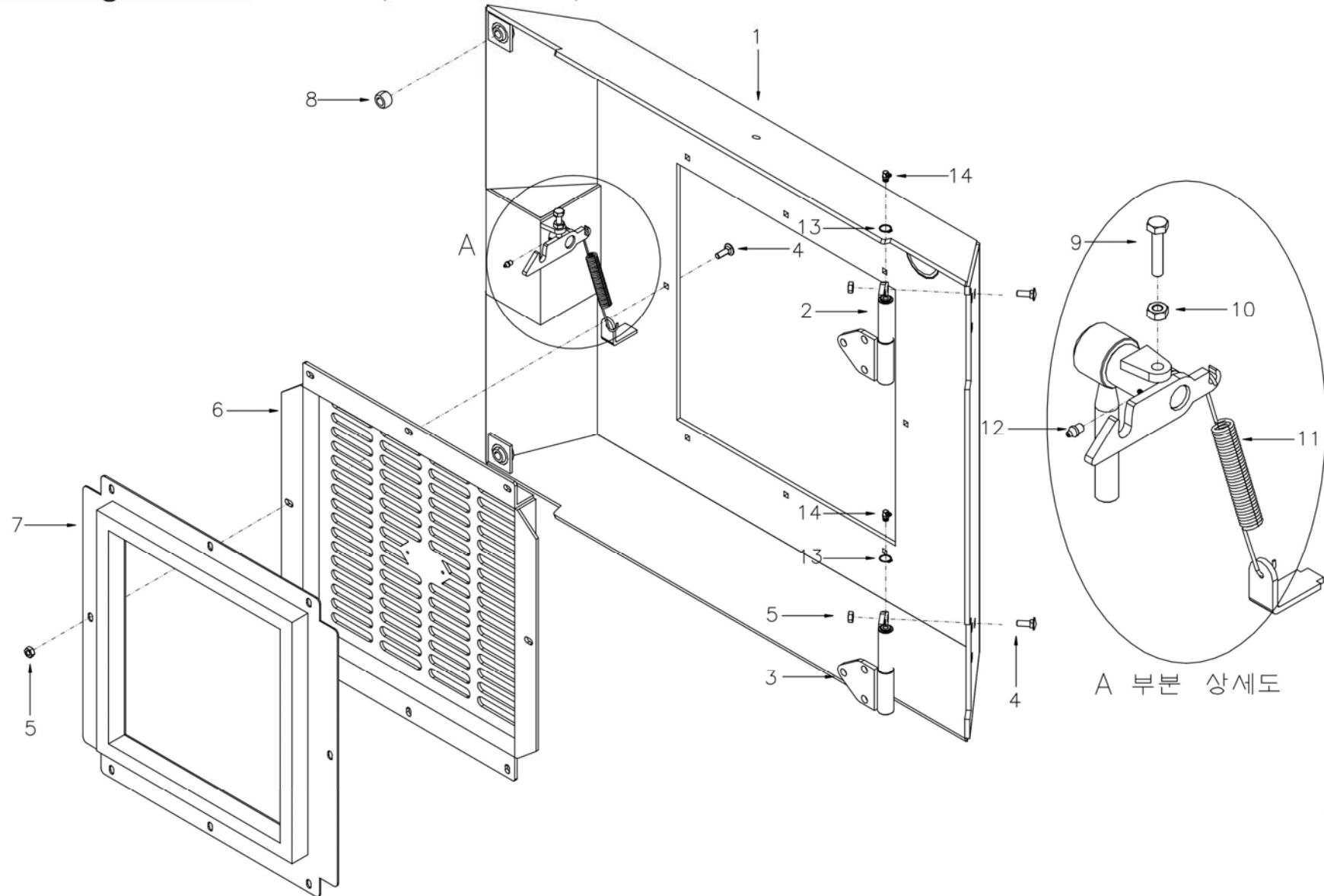
9. Cover (커버)				
No.	Name	Part No.	Quantity	Remarks
1	Foot board (발판) 기본발판	J870-0901	1	
2	Foot board (발판) 더블악셀용발판 (옵션)	J870-0902	1	
3	Bolt (볼트)	870-0903	39	
4	Washer (와셔)	870-0904	46	
5	Middle cover (중간 커버)	J870-0905	1	
6	Bracket for horn (혼브라켓)	870-0906	1	
7	Nut (너트)	870-0907	17	
8	Chain case cover (체인 케이스 커버)	870-0909	3	
9	Bolt (볼트)	870-0910	56	
10	Washer (와셔)	870-0911	64	
11	Rear chain case cover, RH (뒤쪽 체인 케이스 커버, 우측)	870-0912	1	
12	Bolt (볼트)	870-0913	12	
13	Aux. cover for side soundproof material RH (메인바 측면 흡음제 보조커버 (RH))	870-0914	1	
14	Nut (너트)	870-0915	4	
15	Aux. cover for side soundproof material LH (메인바 측면 흡음제 보조커버 (LH))	870-0916	1	
16	Cap (마개)	870-0917	2	
17	Side cover ass'y (사이드 커버 조합)	870-0918	1	
18	Bolt (볼트)	870-0919	6	
19	Washer (와셔)	870-0920	6	
20	Upper engine room cover (위쪽 엔진룸 커버)	870-0921	1	
21	Knob bolt (노브 볼트)	870-0922	2	
22	Hinge (힌지)	870-0923	2	
23	Support (받침대)	870-0923-01	2	
24	Gas-shock absorber (가스 쇼버)	870-0924	1	
25	Aux. cover for direction indicator (방향지시등 보조커버)	870-0925	2	

9. Cover (커버)



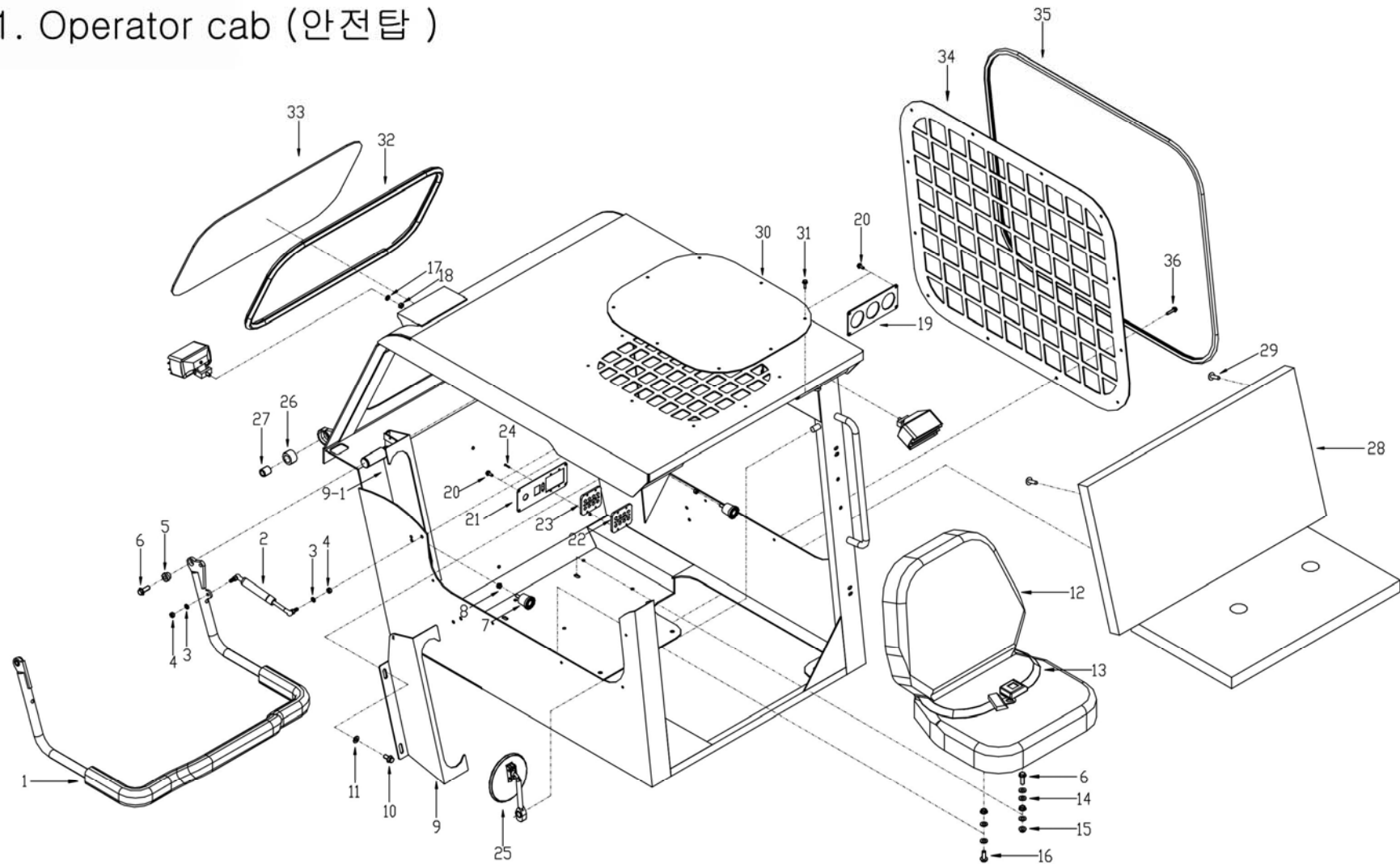
9. Cover (커버) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
26	Cover for cooler (쿨러 커버)	870-0926	1	
27	Upper cover for cooler (쿨러 상판)	870-0927	1	
28	Bolt (볼트)	870-0928	4	
29	Spacing bushing (간격부시)	870-0929	4	
30	Front cover (앞쪽 커버)	870-0930	1	
31	Hinge (힌지)	870-0931	1	
32	Spring washer (스프링와셔)	870-0932	12	
33	Rubber support (고무 받침대)	870-0933	2	
34	Bolt (볼트)	870-0934	2	
35	Engine room cover ass'y (엔진룸 커버 조합)	870-0935	10	
36	Nut (너트)	870-0936	6	
37	Drain bolt (퇴유 볼트)	870-0937	6	
38	Bonded seal (본딩 씬)	870-0938	6	
39	Deck plate (바닥판)	870-0939	1	

10. Engine room cover (엔진룸 커버)



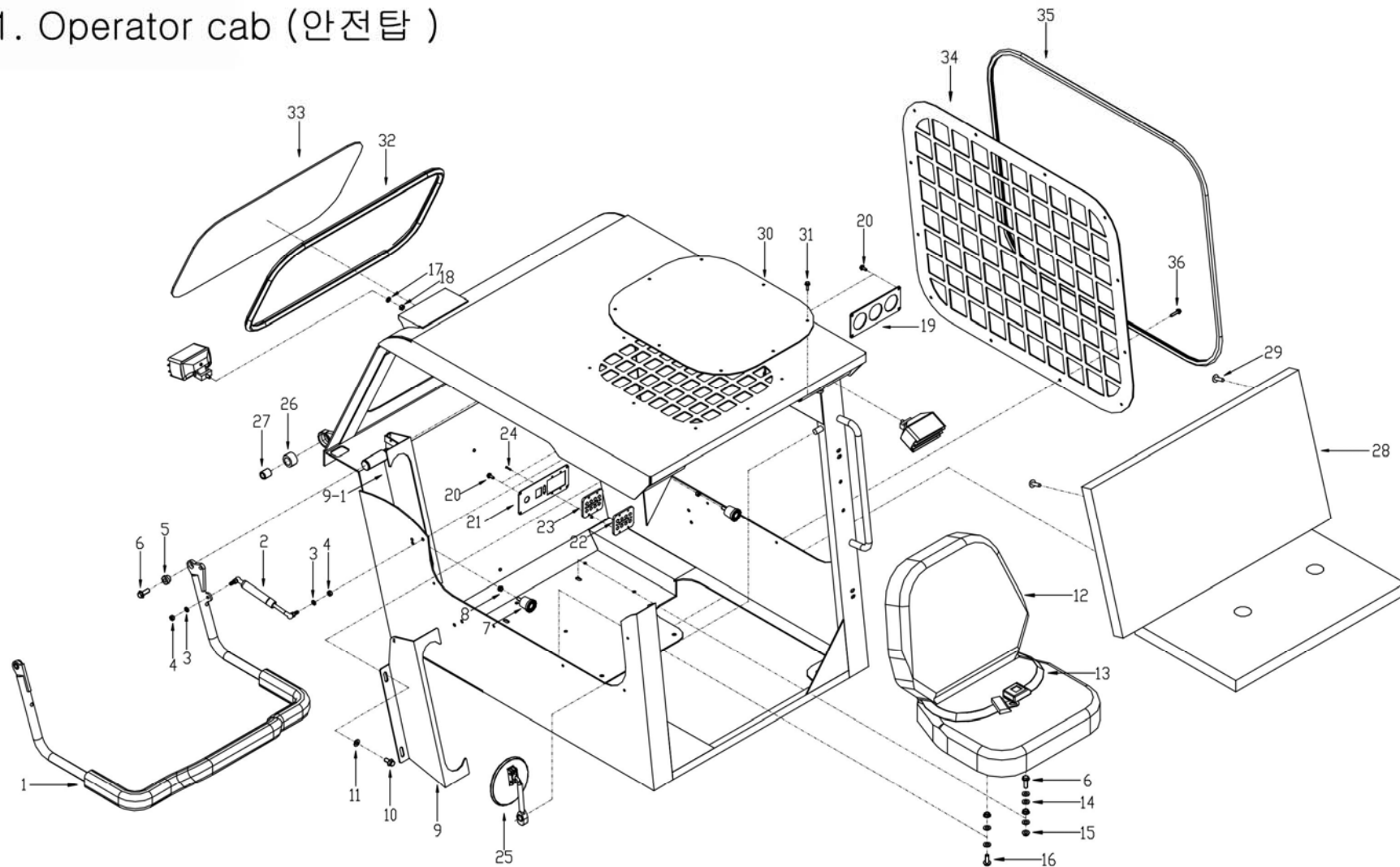
10. Engine room cover (엔진룸 커버)				
No.	Name	Part No.	Quantity	Remarks
1	Engine room cover (엔진 룸 커버)	870-1001	1	
2	Hinge socket (힌지 소켓)	870-1002	2	
3	Hinge shaft (힌지 축)	870-1003	2	
4	Square head bolt (사각머리볼트)	870-1004	14	
5	Nut (너트)	870-1005	14	
6	Auxiliary cover (보조 커버)	870-1006	1	
7	Guide (가이드)	870-1007	1	
8	Rubber support (고무 받침)	870-1008	2	
9	Adjusting bolt (조정 볼트)	870-1009	1	
10	Nut (너트)	870-1010	1	
11	Spring (스프링)	870-1011	1	
12	Grease nipple (그리스 니플)	870-1012	1	
13	Snap ring (스냅링)	870-1013	2	
14	Grease nipple (그리스 니플)	870-1014	2	

11. Operator cab (안전탑)



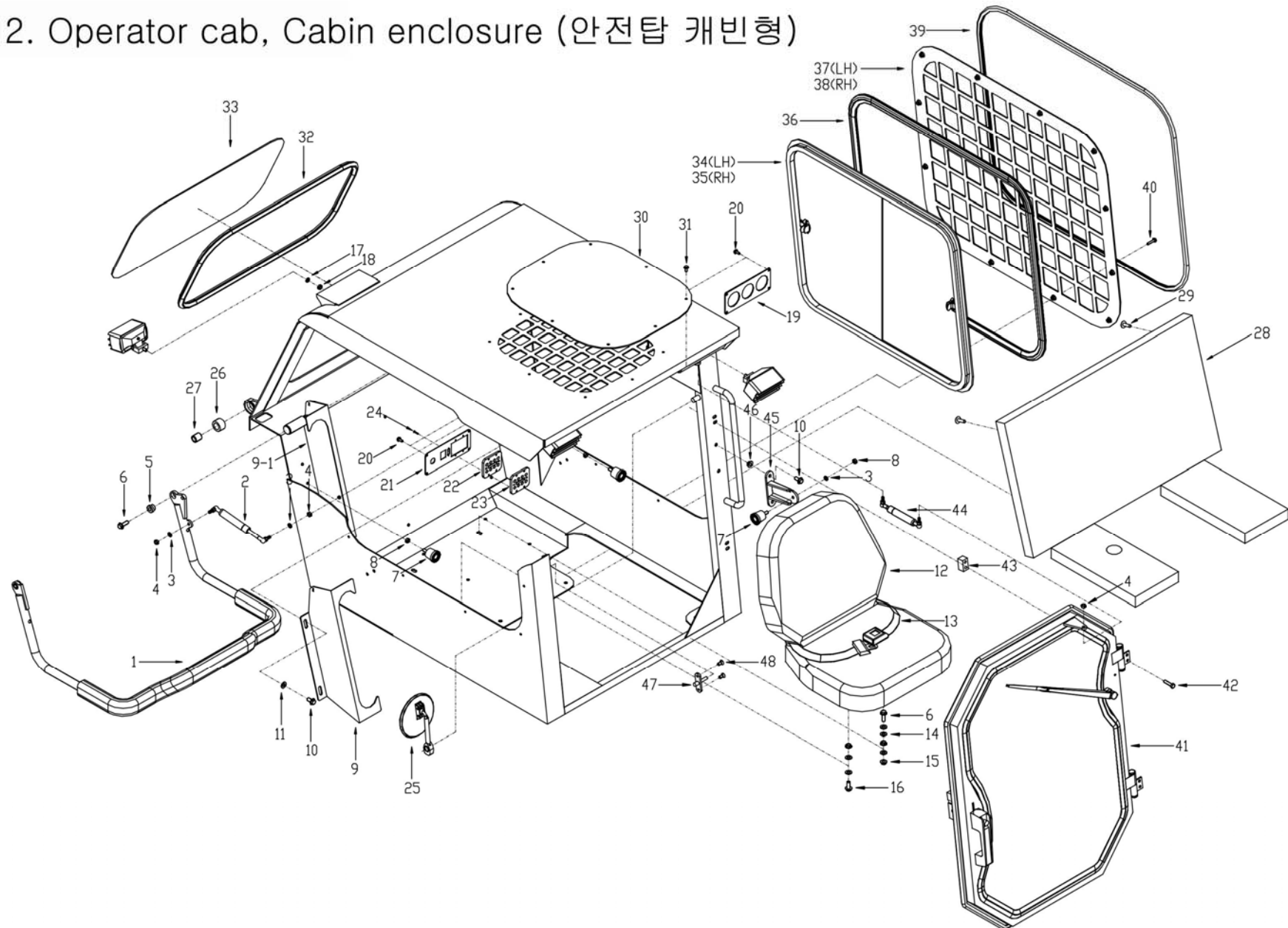
11. Operator cab, Standard (안전탑)				
No.	Name	Part No.	Quantity	Remarks
1	Safety bar (안전바)	870-1101	1	
2	Gas-shock absorber (가스 쇼버)	870-1102	1	
3	Washer (와셔)	870-1103	3	
4	Nut (너트)	870-1104	2	
5	Fixed bushing (고정 부시)	870-1105	2	
6	Bolt (볼트)	870-1106	4	
7	Rubber support for safety bar (안전바용 고무받침)	870-1107	3	
8	Nut (너트)	870-1108	3	
9	Cover RH (커버)	870-1109	1	
9-1	Cover LH (커버)좌	870-1109-01	1	
10	Bolt (볼트)	870-1110	4	
11	Washer (와셔)	870-1111	4	
12	Seat (운전석)	870-1112	1	
13	Safety belt (안전 벨트)	870-1113	1	
14	Washer (와셔)	870-1114	20	
15	Nut (너트)	870-1115	12	
16	Bolt (볼트)	870-1116	2	
17	Spring washer (스프링 와셔)	870-1117	3	
18	Nut (너트)	870-1118	3	
19	Instrument panel I (계기판 I)	870-1119	1	
20	Bolt (볼트)	870-1120	8	
21	Instrument panel II (계기판 II)	870-1121	1	
22	Indicator for warning light (경고등 표시기)	870-1122	1	
23	Case for warning light (경고등 케이스)	870-1123	1	
24	Bolt (볼트)	870-1124	4	

11. Operator cab (안전탑)



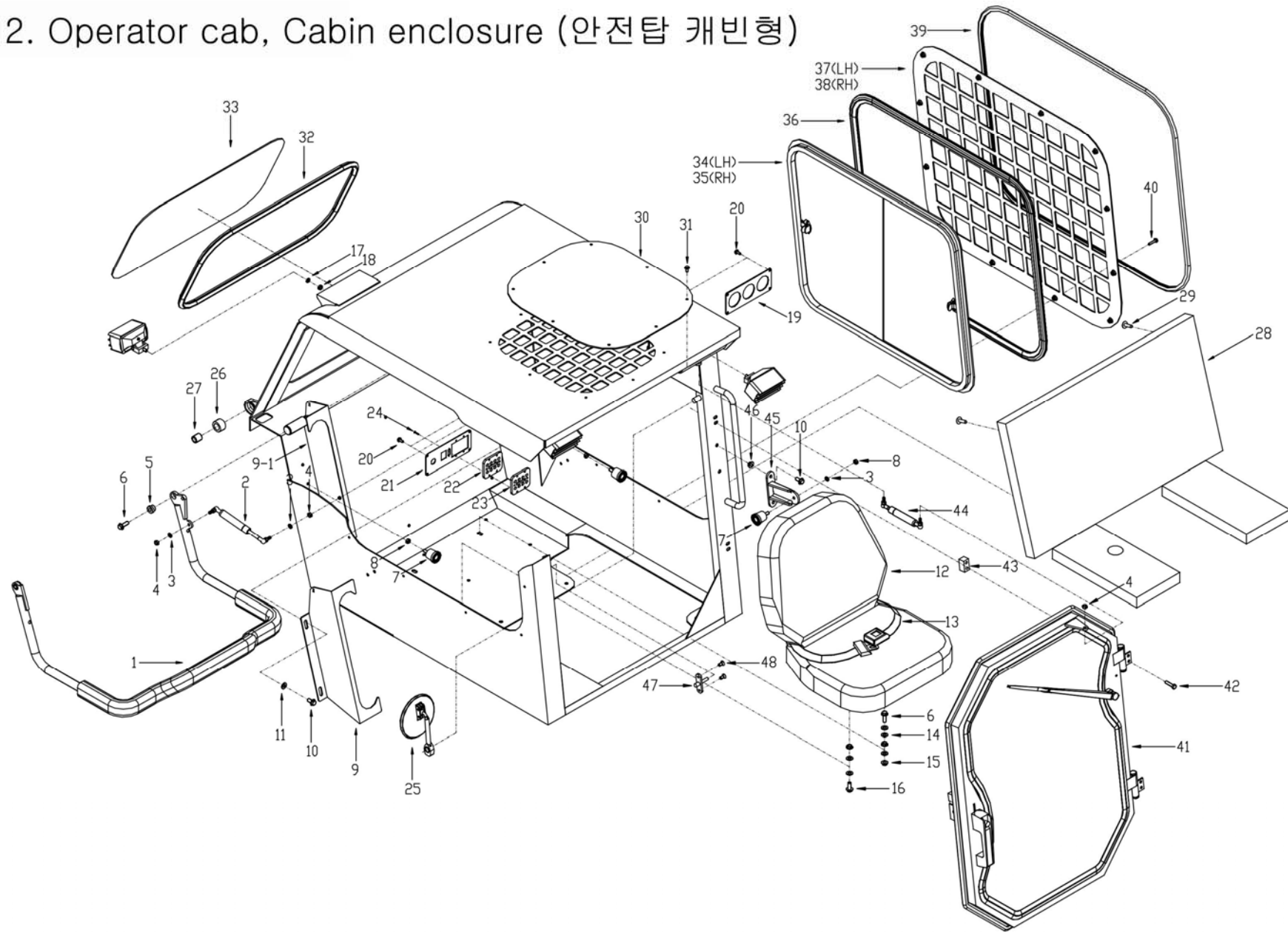
11. Operator cab, Standard (안전탑) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
25	Rear mirror (후사경)	870-1125	2	
26	Rubber for operator cab (안전탑용 고무)	870-1126	2	
27	Fixed bushing (고정 부시)	870-1127	2	
28	Soundproof material (흡음제)	870-1128	1	
29	Plastic nut (플라스틱 너트)	870-1129	14	
30	Upper glass (위쪽 창)	870-1130	1	
31	Bolt (볼트)	870-1131	8	
32	Molding rubber (몰딩 고무)	870-1132	1	
33	Rear glass (뒤쪽 창)	870-1133	1	
34	Safeguard net RH (오른쪽 보호망)	870-1134R	1	
34	Safeguard net LH (왼쪽 보호망)	870-1134L	1	
35	Molding rubber for safeguard (보호망 몰딩 고무)	870-1135	2	
36	Bolt (볼트)	870-1136	24	

12. Operator cab, Cabin enclosure (안전탑 캐빈형)



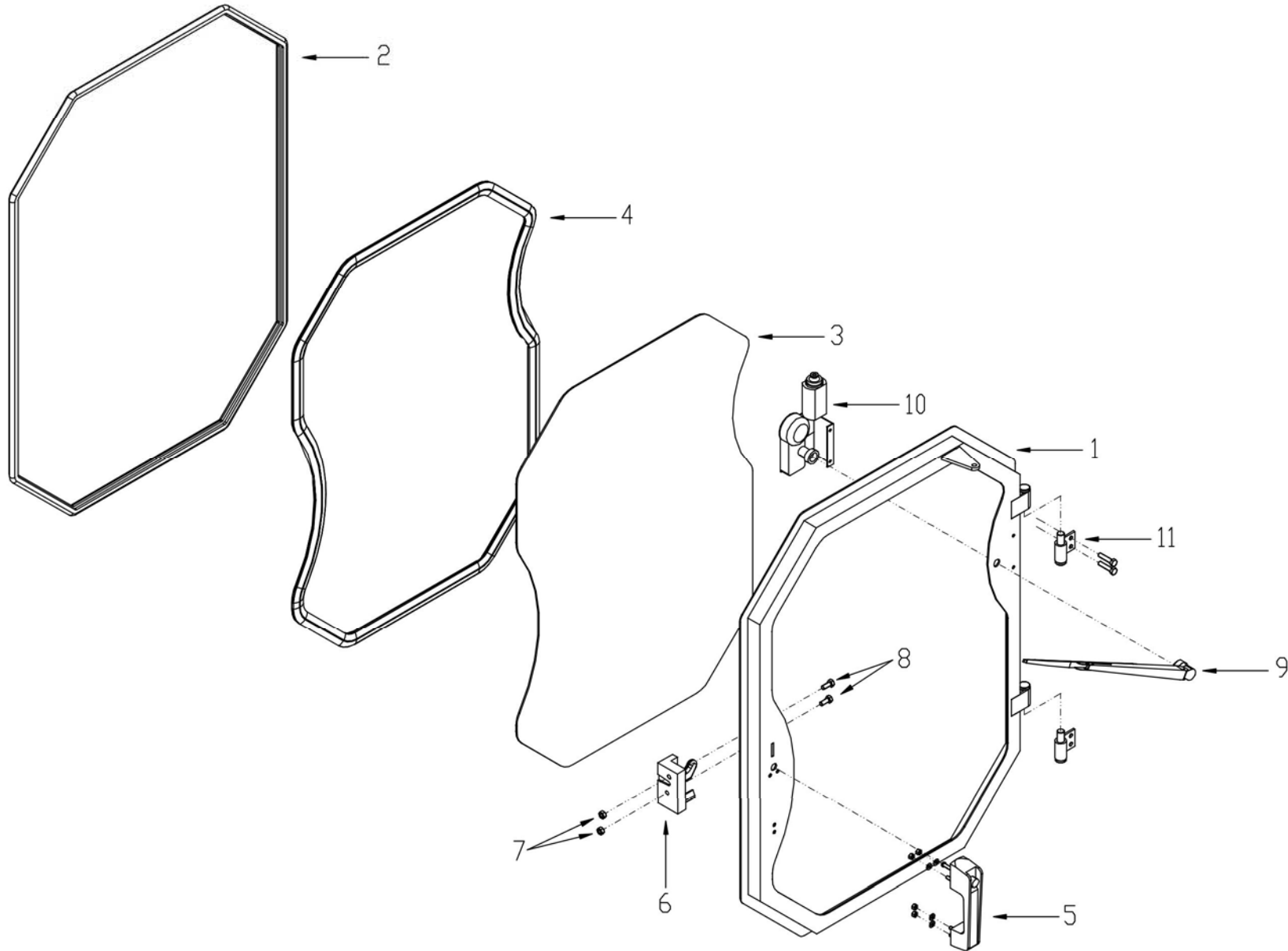
12. Operator cab, Cabin type (안전탑 캐빈형)				
No.	Name	Part No.	Quantity	Remarks
1	Safety bar (안전바)	870-1101	1	
2	Gas-shock absorber (가스 쇼버)	870-1102	1	
3	Washer (와셔)	870-1103	3	
4	Nut (너트)	870-1104	4	
5	Fixed bushing (고정 부시)	870-1105	2	
6	Bolt (볼트)	870-1106	4	
7	Rubber support for safety bar (안전바용 고무받침)	870-1107	3	
8	Nut (너트)	870-1108	3	
9	Cover RH (커버)	870-1109	1	
9-1	Cover LH (커버)좌	870-1109-01	1	
10	Bolt (볼트)	870-1110	4	
11	Washer (와셔)	870-1111	4	
12	Seat (운전석)	870-1112	1	
13	Safety belt (안전 벨트)	870-1113	1	
14	Washer (와셔)	870-1114	20	
15	Nut (너트)	870-1115	12	
16	Bolt (볼트)	870-1116	2	
17	Spring washer (스프링 와셔)	870-1117	3	
18	Nut (너트)	870-1118	3	
19	Instrument panel I (계기판 I)	870-1119	1	
20	Bolt (볼트)	870-1120	8	
21	Instrument panel II (계기판 II)	870-1121	1	
22	Indicator for warning light (경고등 표시기)	870-1122	1	
23	Case for warning light (경고등 케이스)	870-1123	1	
24	Bolt (볼트)	870-1124	4	

12. Operator cab, Cabin enclosure (안전탑 캐빈형)



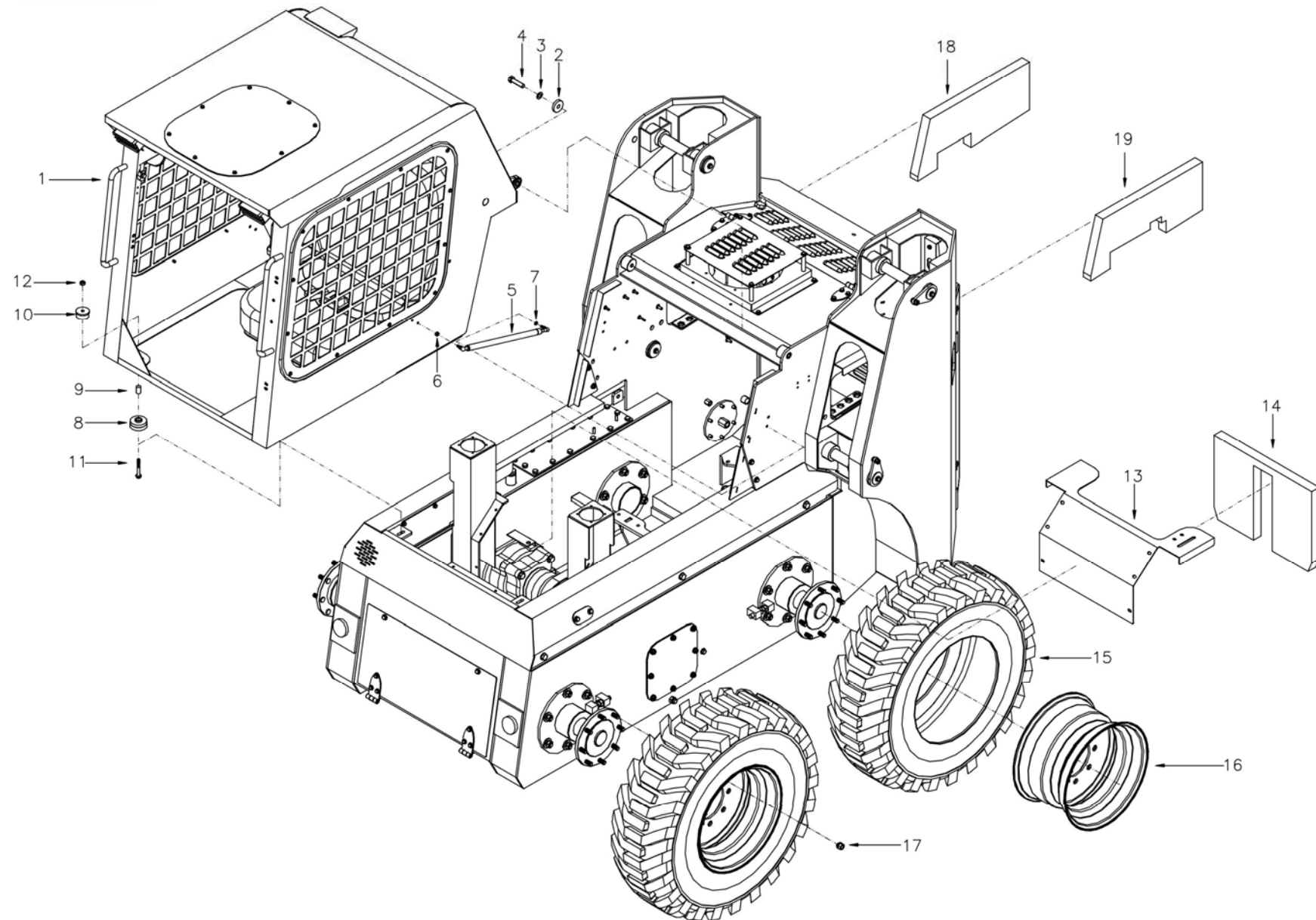
12. Operator cab, Cabin type (안전탑 캐빈형) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
25	Rear mirror (후사경)	870-1125	2	
26	Rubber for operator cab (안전탑용 고무)	870-1126	2	
27	Fixed bushing (고정 부시)	870-1127	2	
28	Soundproof material (흡음제)	870-1128	1	
29	Plastic nut (플라스틱 너트)	870-1129	14	
30	Upper glass (위쪽 창)	870-1130	1	
31	Bolt (볼트)	870-1131	8	
32	Molding rubber (몰딩 고무)	870-1132	1	
33	Rear glass (뒤쪽 창)	870-1133	1	
34	Side window ass'y LH (왼쪽 옆 창문 조합)	870-1234	1	
35	Side window ass'y RH (오른쪽 옆 창문 조합)	870-1235	1	
36	Molding rubber (몰딩 고무)	870-1236	2	
37	Safeguard net LH(왼쪽 보호망)	870-1237	1	
38	Safeguard net RH (오른쪽 보호망)	870-1238	1	
39	Molding rubber (몰딩 고무)	870-1239	2	
40	Bolt (볼트)	870-1240	24	
41	Front door ass'y (앞문 조합)	870-1241	1	
42	Bolt (볼트)	870-1242	4	
43	Spacer (간격판)	870-1243	2	
44	Gas-shock absorber (가스 쇼버)	870-1244	1	
45	Stopper (스토퍼)	870-1245	1	
46	Nut (너트)	870-1246	2	

13. Front door ass'y (안전탑 앞문)



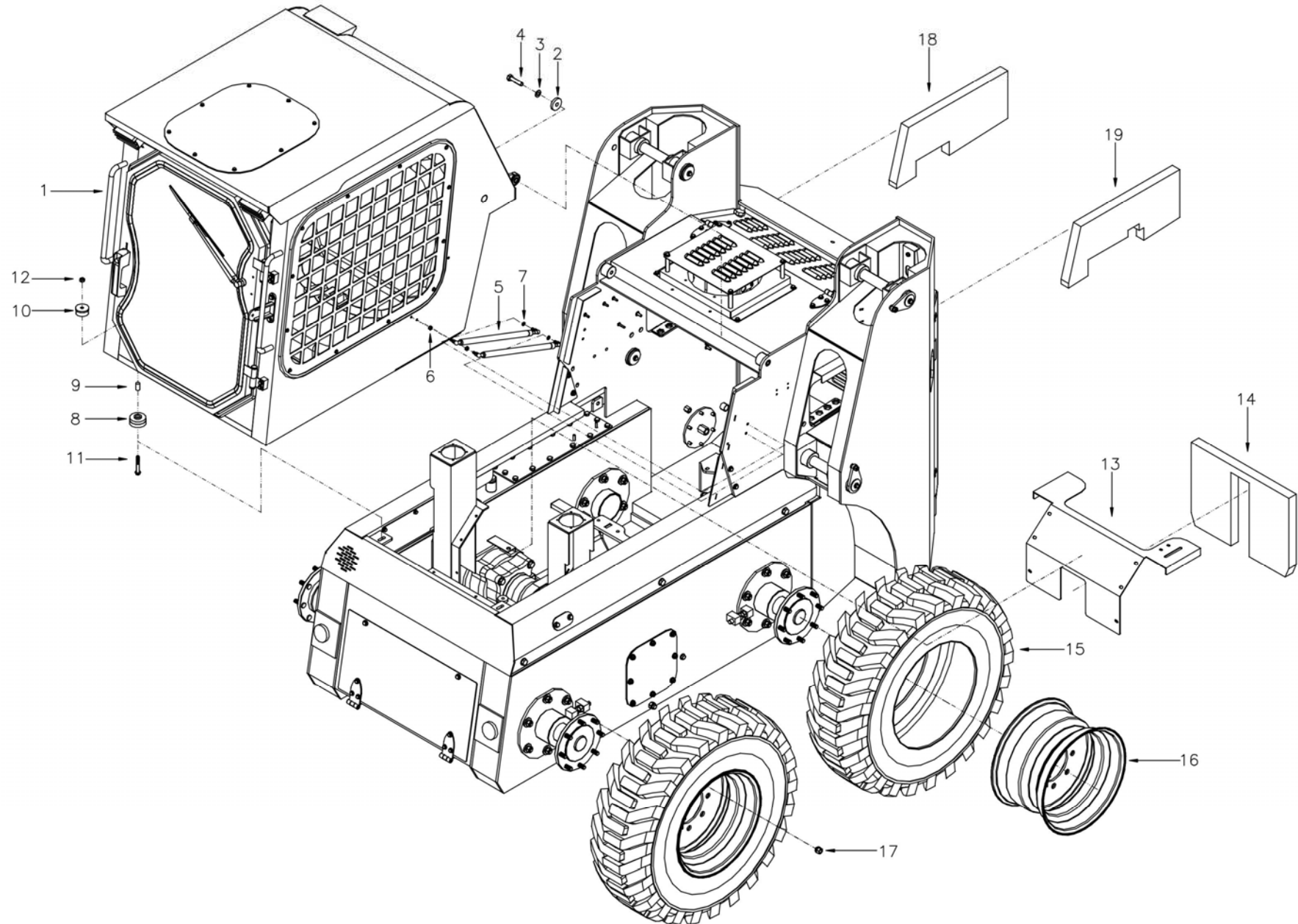
13. Front door ass'y (안전탑 앞문)				
No.	Name	Part No.	Quantity	Remarks
1	Front door (앞문)	870-1301	1	
2	Molding rubber for front door (앞문용 몰딩 고무)	870-1302	1	
3	Glass (유리)	870-1303	1	
4	Molding rubber for glass (앞문 유리용 몰딩 고무)	870-1304	1	
5	Knob ass'y (손잡이 조합)	870-1305	1	
6	Lock ass'y (잠금장치 조합)	870-1306	1	
7	Nut (너트)	870-1307	2	
8	Bolt (볼트)	870-1308	2	
9	Windshield wiper ass'y (와이퍼 조합)	870-1309	1	
10	Windshield wiper motor ass'y (와이퍼 모터 조합)	870-1310	1	
11	Hinge (힌지)	870-1311	2	

14. Opearator cab and tire (안전탑 및 타이어)



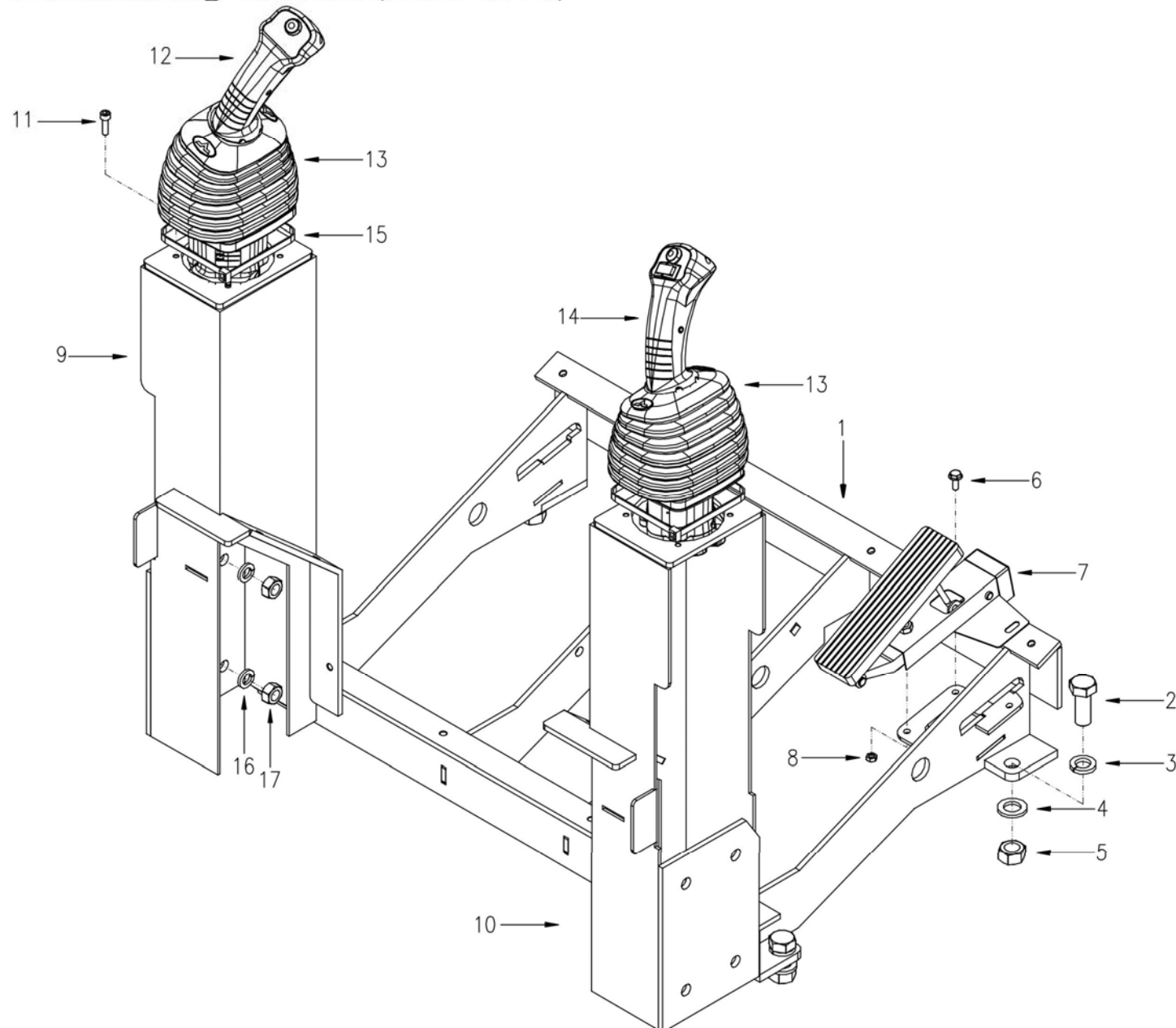
14. Operator cab and tire (안전탑 및 타이어)				
No.	Name	Part No.	Quantity	Remarks
1	Operator cab ass'y (안전탑 조합)	870-1401	1	
2	Washer (와셔)	870-1402	2	
3	Plain washer (평와셔)	870-1403	2	
4	Bolt (볼트)	870-1404	2	
5	Gas-shock absorber (가스 쇼버)	870-1405	2	
6	Spring washer (스프링 와셔)	870-1406	2	
7	Nut (너트)	870-1407	4	
8	Rubber (고무)	870-1408	2	
9	Spacer (간격통)	870-1409	2	
10	Vibroisolating rubber (방진 고무)	870-1410	2	
11	Bolt (볼트)	870-1411	2	
12	Nut (너트)	870-1412	2	
13	Soundproof material Middle (중간 흡음제)	J870-1413	1	
14	Tire (타이어)	870-1415	4	
15	Wheel (휠)	870-1416	4	
16	Wheel nut (휠 너트)	870-1417	32	
17	Soundproof material RH (우측 흡음제)	870-1413	1	
18	Soundproof material LH (좌측 흡음제)	870-1414	1	

14-1. Opeartor cab and tire, Cabin enclosure (캐빈형 안전탑 및 타이어)



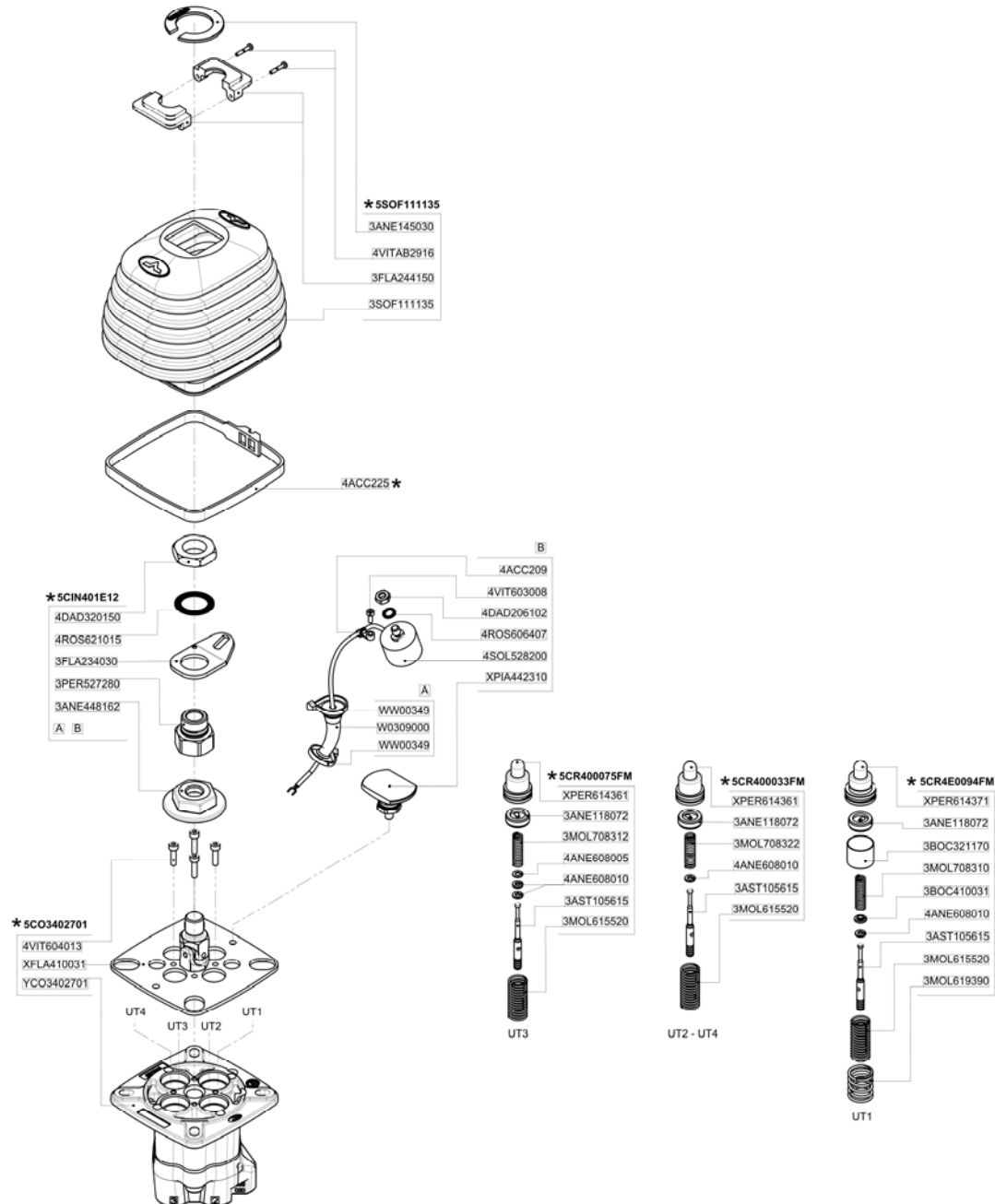
14-1. Operator cab and tire, Cabin enclosure (캐빈형 안전탑 및 타이어)				
No.	Name	Part No.	Quantity	Remarks
1	Operator cab ass'y (안전탑 조합)	870-1401-1	1	
2	Washer (와셔)	870-1402	2	
3	Plain washer (평와셔)	870-1403	2	
4	Bolt (볼트)	870-1404	2	
5	Gas-shock absorber (가스 쇼버)	870-1405	4	
6	Spring washer (스프링 와셔)	870-1406	4	
7	Nut (너트)	870-1407	8	
8	Rubber (고무)	870-1408	2	
9	Spacer (간격통)	870-1409	2	
10	Vibroisolating rubber (방진 고무)	870-1410	2	
11	Bolt (볼트)	870-1411	2	
12	Nut (너트)	870-1412	2	
13	Soundproof material Middle (중간 흡음제)	J870-1413	1	
14	Tire (타이어)	870-1415	4	
15	Wheel (휠)	870-1416	4	
16	Wheel nut (휠 너트)	870-1417	32	
17	Soundproof material RH (우측 흡음제)	870-1413	1	
18	Soundproof material LH (좌측 흡음제)	870-1414	1	

15. Steering handle (조향 장치)



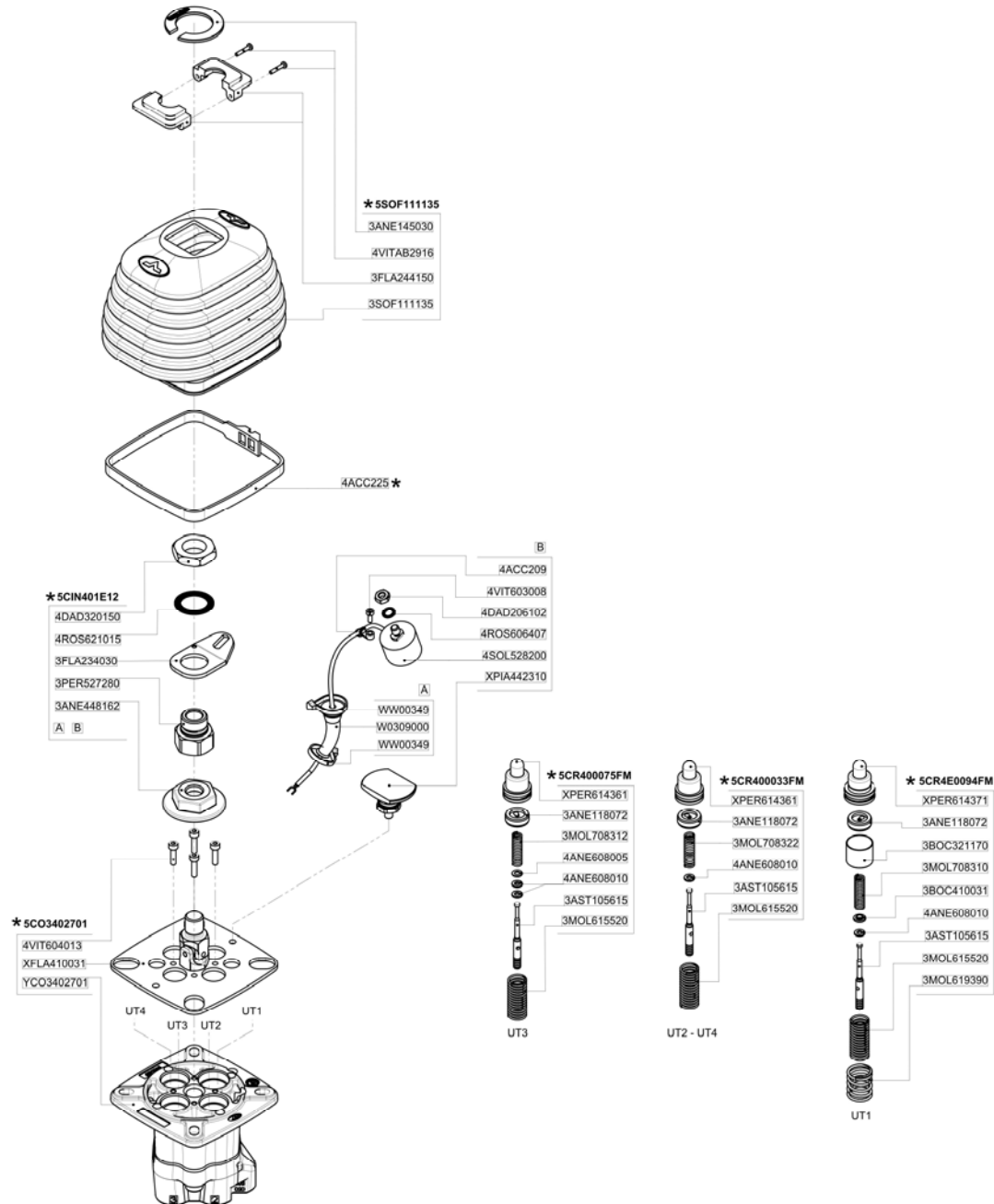
15. Steering levers (조향 장치)				
No.	Name	Part No.	Quantity	Remarks
1	Steering levers, body (조향장치 본체)	J870-1501	1	
2	Bolt (볼트)	J870-1502	4	
3	Washer (와셔)	J870-1503	4	
4	Washer (와셔)	J870-1504	4	
5	Nut (너트)	J870-1505	4	
6	Bolt (볼트)	J870-1506	3	
7	Accelerator pedal ass'y (조속페달조합, 풋타입)	J870-1507	1	
8	Nut (너트)	J870-1508	3	
9	Joystick body, LH (조향장치 좌측 핸들 본체)	J870-1509	1	
10	Joystick body, RH (조향장치 우측 핸들 본체)	J870-1510	1	
11	Bolt (볼트)	J870-1511	8	
12	Joystick, LH (핸들 좌측)	J870-1512	1	
13	Protective cover for steering levers (조향 레버용 보호커버)	J870-1513	2	
14	Joystick, RH (핸들 우측)	J870-1514	1	
15	Band (밴드)	J870-1515	4	
16	Washer (와셔)	J870-1516	8	
17	Nut (너트)	J870-1517	8	

15J. Joystick (조이스틱)



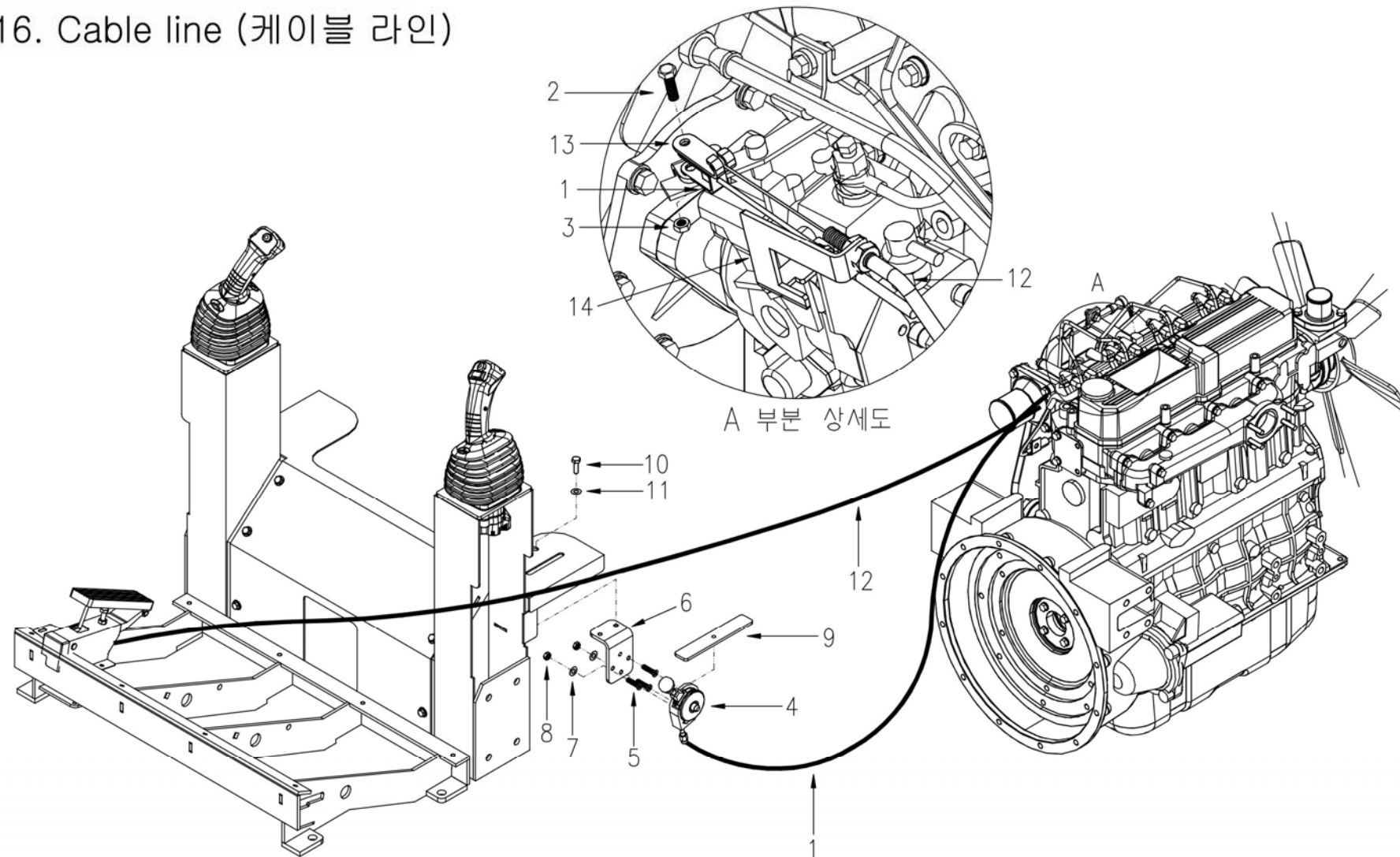
15J. Joystick (조이스틱)				
No.	Name	Part No.	Quantity	Remarks
1	Ring	3ANE145030	1	
2	Screw	4VITAB2916	2	
3	SVM400 Han V-H flange	3FLA244150	2	
4	SVM400 EMD Square bellow	3SOF111135	1	
5	Plastic band	4CC225	1	
6	Nut	4DAD320150	1	
7	Schnorr washer	4ROS621015	1	
8	EMD Selector ring	3FLA234030	1	
9	Joint for SVM400 EMD	3PER527280	1	
10	SVM400 EMD flange for support magnet	3ANE448162	1	
11	T&B Wrapper	4ACC209	1	
12	Screw	4VIT603008	1	
13	Nut	4DAD206102	1	
14	Schnorr washer	4ROS606407	1	
15	Electro magnet	4SOL528200	1	
16	SVM400 EMD balancing plate kit	XPIA442310	1	
17	Black wrapper	WW00349	1	
18	Cable passing	W0309000	1	
19	Black wrapper	WW0349	1	
20	Screw	4VIT604013	4	
21	SVM400 EMD 1 E 3 Flange baser kit	XFLA410031	1	
22	SVM400 EMD Body	YCO3402701	1	
23	SVM420 Plunger kit	XPER614361	1	
24	SVM420 Spring-guide ring	3ANE118072	4	
25	Reaction spring	3MOL708312	1	

15J. Joystick (조이스틱)



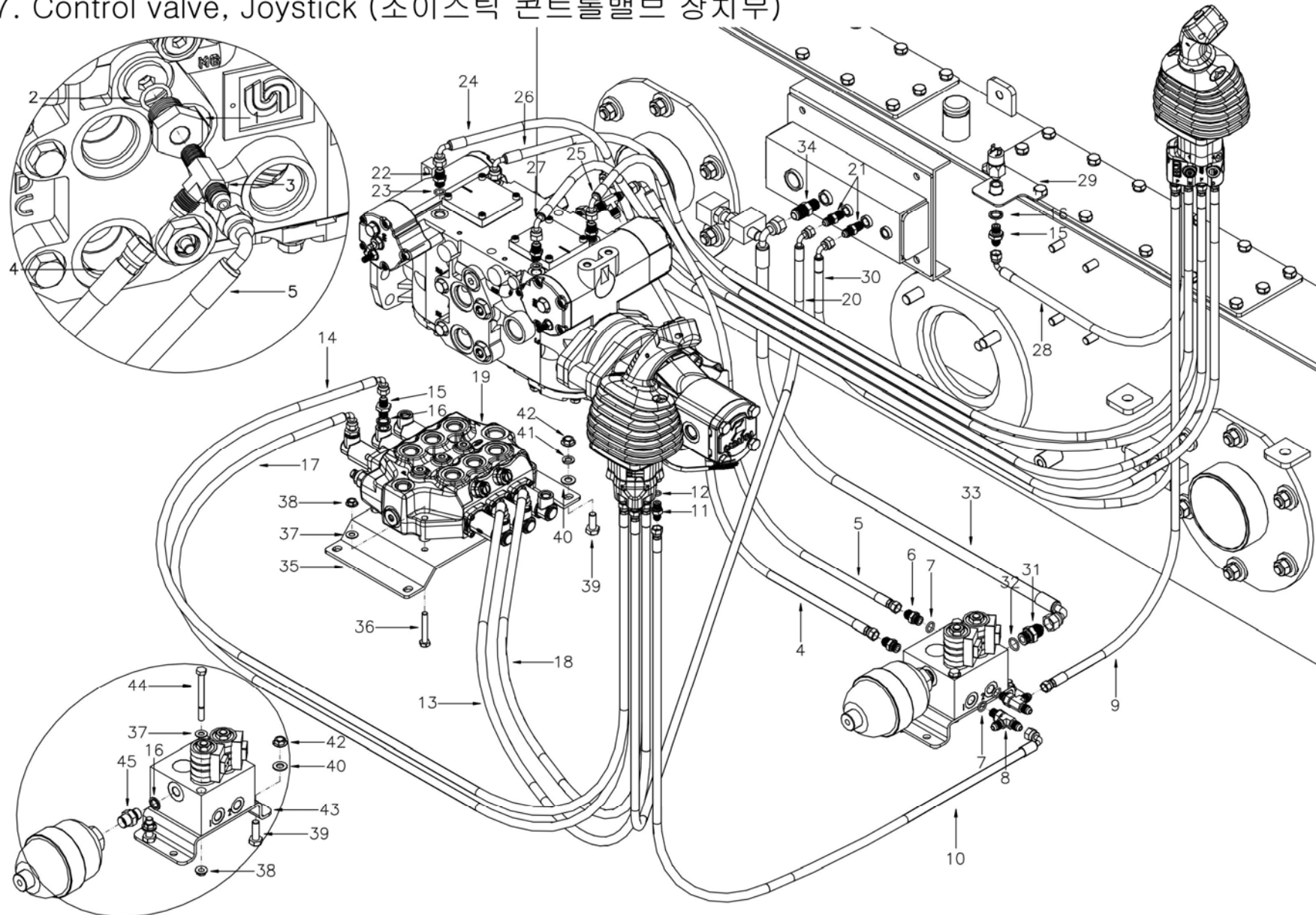
15J. Joystick (조이스틱) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
26	Seeger ing	4ANE608005	1	
27	Seeger ing	4ANE608010	5	
28	Docking rod	3AST105615	4	
29	M spring	3MOL615520	4	
30	Meetering spring	3MOL708322	2	
31	SVM400 EMD prefeeling bushing	3BOC321170	1	
32	Reaction spring	3MOL708310	1	
33	Curve bushing	3BOC410031	1	
34	Prefeeling spring SVM series	3MOL619390	1	

16. Cable line (케이블 라인)



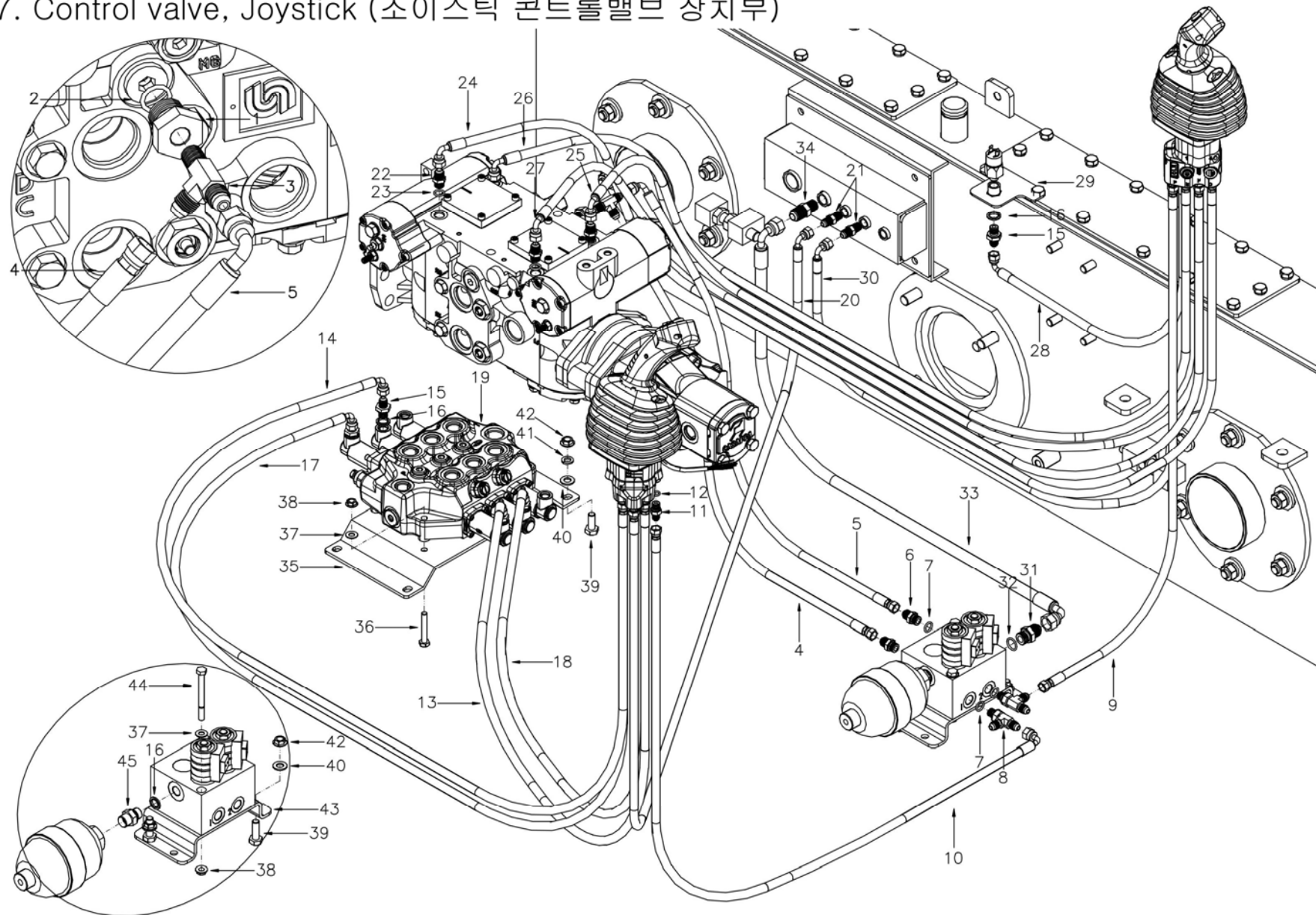
16. Cable line (케이블 라인)				
No.	Name	Part No.	Quantity	Remarks
1	Accelerator cable ass'y (조속 케이블 조합)	870-1601	1	
2	Bolt (볼트)	870-1602	1	
3	Nut (너트)	870-1603	1	
4	Accelerator lever ass'y (조속 레버 조합)	870-1604	1	
5	Flat bolt (접시 볼트)	870-1605	3	
6	Bracket for acceleator lever (조속 레버용 브라켓)	870-1606	1	
7	Washer (와셔)	870-1607	3	
8	Nut (너트)	870-1608	3	
9	Rubber cover (고무 덮개)	870-1609	1	
10	Bolt (볼트)	870-1610	2	
11	Washer (와셔)	870-1611	3	
12	Foot accelerator cable (풋 악셀 케이블)	870-1612	1	
13	Bracket for foot accelerator (풋 악셀 케이블용 브라켓)	870-1613	1	
14	Holder for foot accelerator (풋 악셀 케이블 잡이)	870-1614	1	

17. Control valve, Joystick (조이스틱 콘트롤밸브 장치부)



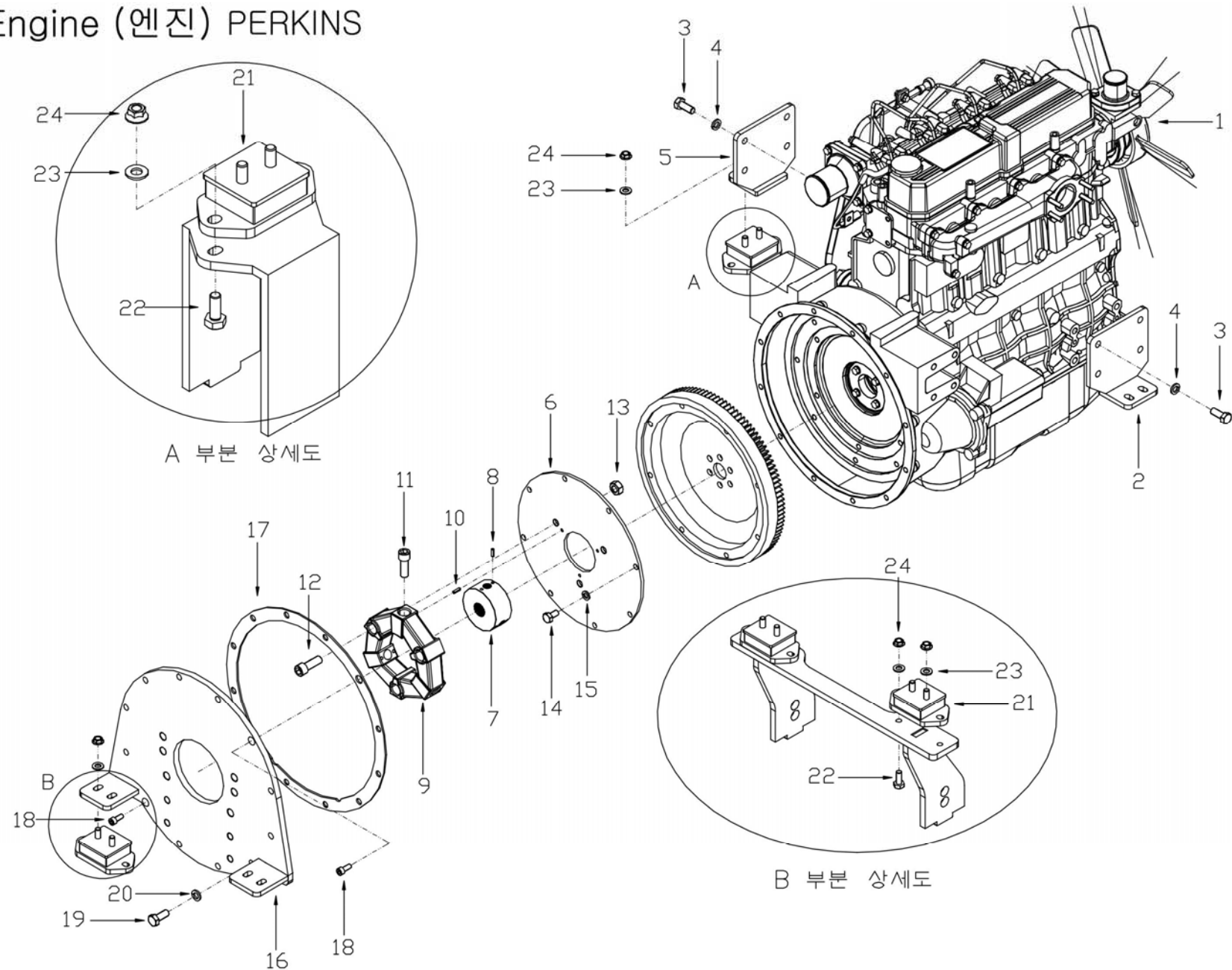
17. Control valve, Joystick (조이스틱 콘트롤밸브 장치부)				
No.	Name	Part No.	Quantity	Remarks
1	Coupling nipple (연결 니플)	J870-1701	1	
2	O-ring (오링)	J870-1702	1	
3	Distributing nipple (분배 니플)	J870-1703	1	
4	Hose (coupling nipple*main solenoid valve) (호스(연결니플*메인솔밸브))	J870-1704	1	
5	Hose (coupling nipple*main solenoid valve) (호스(연결니플*메인솔밸브))	J870-1705	1	
6	Nipple ST, main solenoid valve (메인솔밸브 니플 ST)	J870-1706	2	
7	O-ring (오링)	J870-1707	4	
8	Distributing nipple (분배 니플)	J870-1708	2	
9	Hose (distributing nipple ST*joystick (travel) P) (호스(분배니플 ST * 조이스틱(주행) P))	J870-1709	1	
10	Hose (distributing nipple ST*joystick (lift arm*bucket) P) (호스(분배니플 ST * 조이스틱(붐*버킷) P))	J870-1710	1	
11	Nipple ST, joystick (lift arm*bucket) P (조이스틱(붐,버킷) P 니플 ST)	J870-1711	12	
12	O-ring (오링)	J870-1712	12	
13	Hose (control valve, lift arm*joystick 1) (호스(콘트롤밸브 붐*조이스틱 1))	J870-1713	1	
14	Hose (control valve, bucket*joystick 2) (호스(콘트롤밸브 버킷*조이스틱 2))	J870-1714	1	
15	Nipple ST, control valve (니플 ST (콘트롤밸브))	J870-1715	4	
16	Bonded seal (본디드씰)	J870-1716	5	
17	Hose (control valve, lift arm*joystick 3) (호스(콘트롤밸브 붐*조이스틱 3))	J870-1717	1	
18	Hose (control valve, bucket*joystick 4) (호스(콘트롤밸브 버킷*조이스틱 4))	J870-1718	1	
19	Control valve (콘트롤밸브)	J870-1719	1	
20	Hose (joystick valve(lift arm*bucket)T*combined pipe3) (호스(조이스틱 밸브 (붐*버킷) T * 합류관 3))	J870-1720	1	
21	Nipple ST, combined pipe 2,3 (니플 ST (합류관 2,3))	J870-1721	2	
22	Pump nipple C,D,E,F (펌프 니플 (C,D,E,F))	J870-1722	4	
23	O-ring (오링)	J870-1723	4	
24	Hose (pump C*joystick valve, travel C) (호스(펌프 C*조이스틱밸브(주행 C))	J870-1724	1	
25	Hose (pump D*joystick valve, travel D) (호스(펌프 D*조이스틱밸브(주행 D))	J870-1725	1	

17. Control valve, Joystick (조이스틱 콘트롤밸브 장치부)



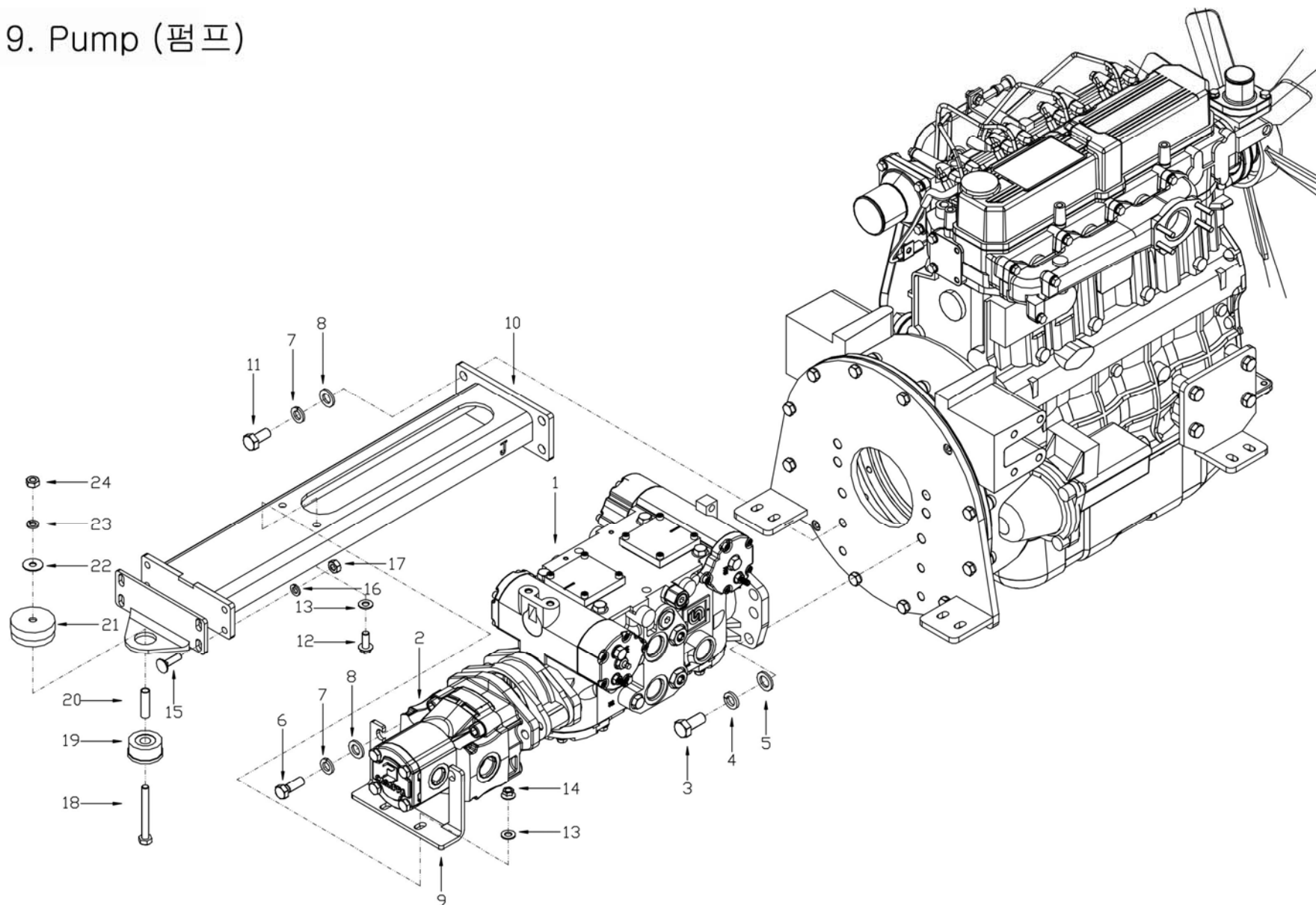
17. Control valve, Joystick (조이스틱 콘트롤밸브 장치부) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
26	Hose (pump E*joystick valve, travel E) (호스(펌프 E*조이스틱밸브(주행 E))	J870-1726	1	
27	Hose (pump F*joystick valve, travel F) (호스(펌프 F*조이스틱밸브(주행 F))	J870-1727	1	
28	Hose (joystick valve, travel 5*pressure switch) (호스(조이스틱밸브(주행 5) *압력스위치))	J870-1728	1	
29	Fixed plate for pressure switch (압력스위치 고정판)	J870-1729	1	
30	Hose (combined pipe2, drain*joystick valve(drive)T) (호스(합류관 2 퇴유 *조이스틱밸브(주행 T))	J870-1730	1	
31	Nipple St, main solenoid valve (니플 ST 메인솔밸브)	J870-1731	1	
32	O-ring (오링)	J870-1732	1	
33	Hose (main solenoid valve*combined pipe4) (호스(메인솔밸브* 합류관 4))	J870-1733	1	
34	Nipple ST, combined pipe 4 (니플 ST (합류관 4))	J870-1734	1	
35	Fixed plate for main solenoid valve (메인솔밸브 고정판)	J870-1735	1	
36	Bolt (볼트)	J870-1736	2	
37	Washer (와셔)	J870-1737	5	
38	Nut (너트)	J870-1738	5	
39	Bolt (볼트)	J870-1739	8	
40	Washer (와셔)	J870-1740	8	
41	Spring washer (스프링 와셔)	J870-1741	4	
42	Nut (너트)	J870-1742	8	
43	Fixed plate for control valve (콘트롤밸브 고정판)	J870-1743	1	
44	Bolt (볼트)	J870-1744	2	
45	Coupling nipple ST, main solenoid valve (연결니플 ST 메인솔밸브)	J870-1745	1	

18. Engine (엔진) PERKINS



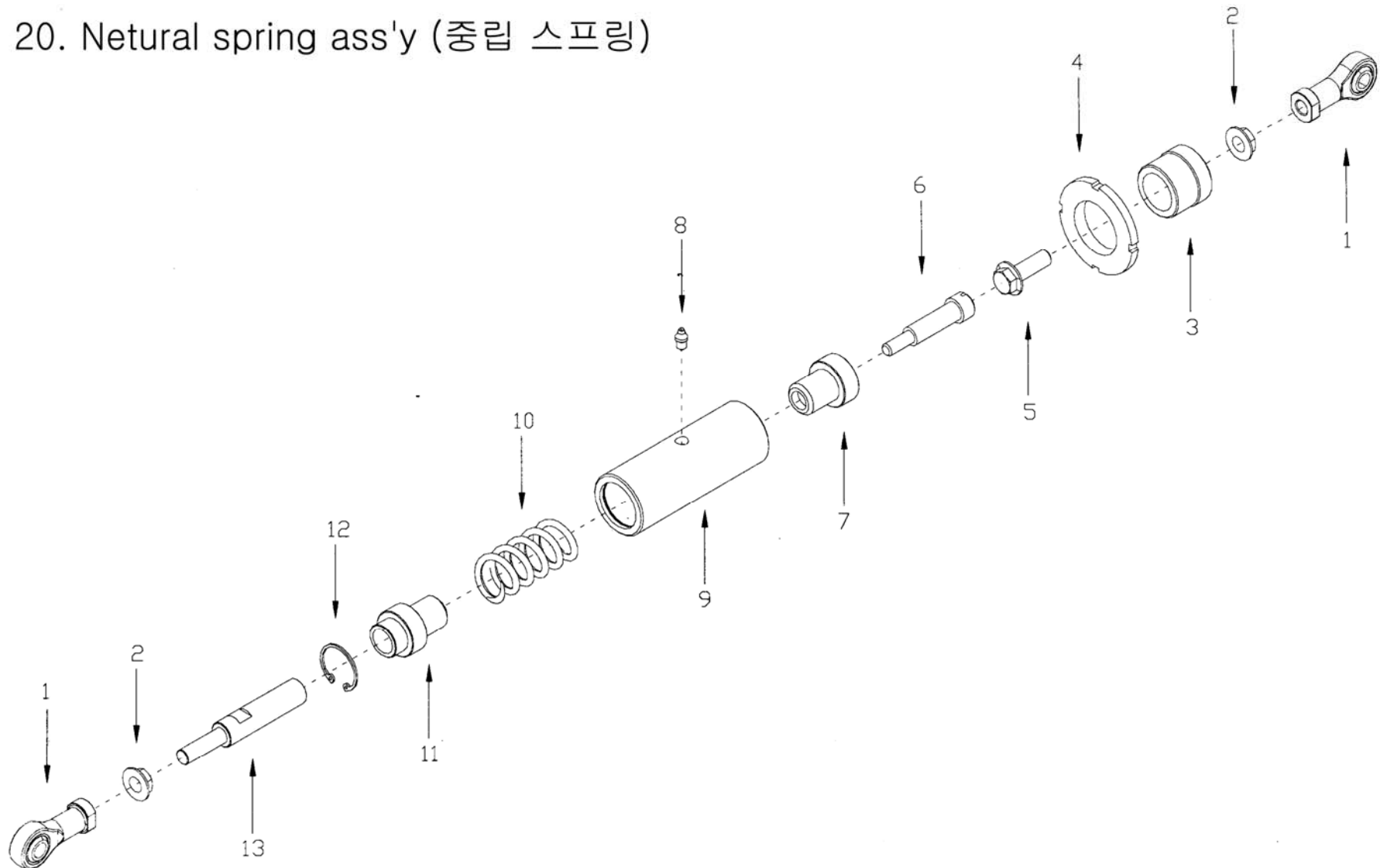
18. Engine - For Perkins (엔진)				
No.	Name	Part No.	Quantity	Remarks
1	Fan (팬)	870-1801	1	
2	Fixed plate for engine (LH) (왼쪽 엔진 고정판)	870-1802	1	
3	Bolt (볼트)	870-1803	8	
4	Washer (와셔)	870-1804	8	
5	Fixed plate for engine (RH) (오른쪽 엔진 고정판)	870-1805	1	
6	Fixed plate for coupling (커플링 고정판)	870-1806	1	
7	Socket (소켓)	870-1809	1	
8	Center pin (센터 핀)	870-1810	6	
9	Coupling rubber (연결 고무)	870-1812	1	
10	Center pin (센터 핀)	870-1810	3	
11	Cap screw (렌지 볼트)	870-1813	3	
12	Cap screw (렌지 볼트)	870-1813	3	
13	Nut (너트)	J870-1813	3	
14	Bolt (볼트)	870-1807	8	
15	Washer (와셔)	870-1808	8	
16	Fixed plate for pump (펌프 고정판)	870-1814	1	
17	Spacing plate for wheel (휠 간격판)	870-1815	1	
18	Center bolt (센터 볼트)	870-1816	2	
19	Bolt (볼트)	870-1817	10	
20	Spring washer (스프링 와셔)	870-1818	8	
21	Vibroisolating rubber (방진 고무)	870-1819	4	
22	Bolt (볼트)	870-1820	8	
23	Washer (와셔)	870-1821	16	
24	Nut (너트)	870-1822	16	

19. Pump (펌프)



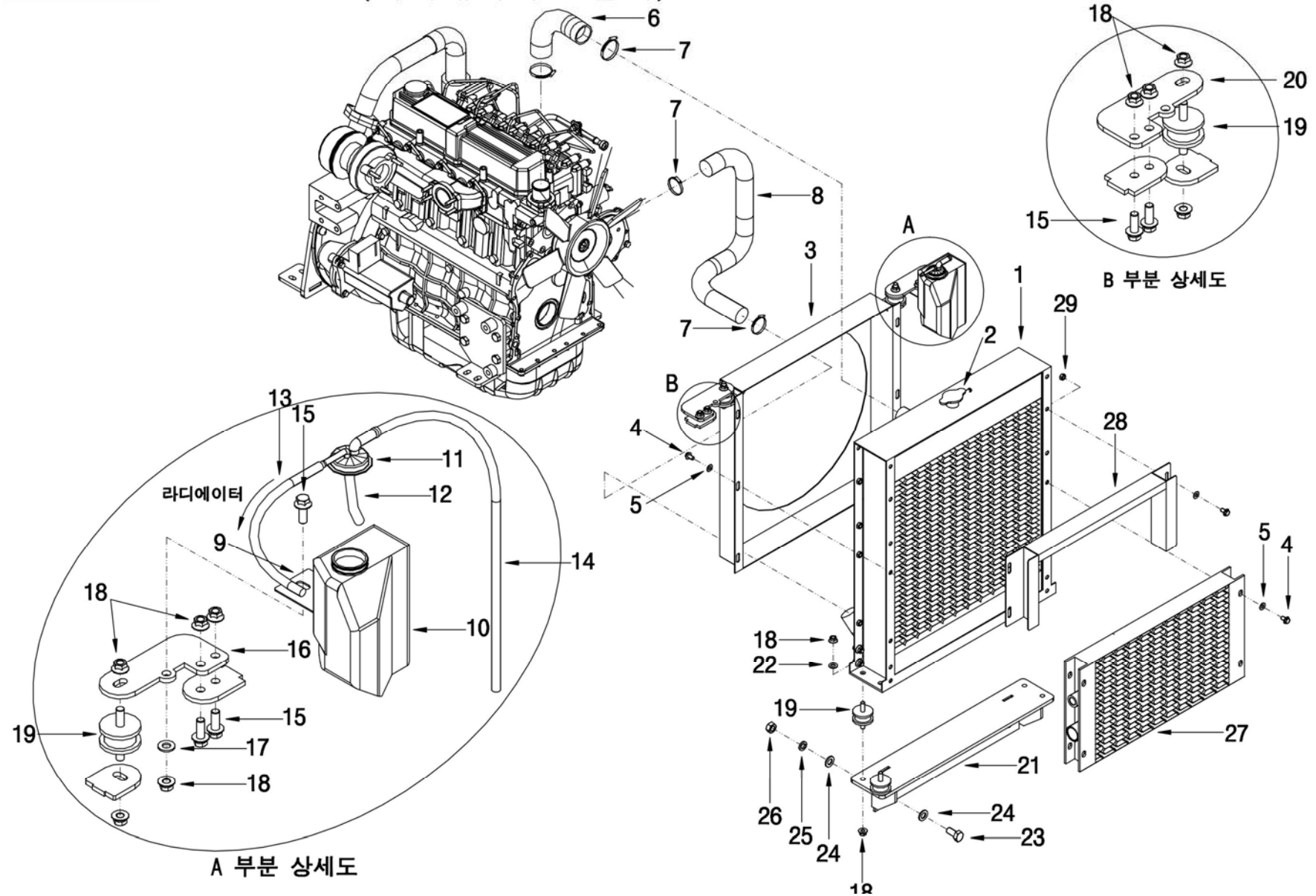
19. Pump (펌프)				
No.	Name	Part No.	Quantity	Remarks
1	Pump ass'y	J870-1901	1	
2	Aux. pump (보조 펌프)	J870-1902	1	
3	Bolt (볼트)	J870-1903	6	
4	Spring washer (스프링 와셔)	J870-1904	6	
5	Washer (와셔)	J870-1905	6	
6	Bolt (볼트)	J870-1906	2	
7	Spring washer (스프링 와셔)	J870-1907	6	
8	Washer (와셔)	J870-1908	6	
9	Coupling plate (연결판)	J870-1909	1	
10	Fixed plate for pump (펌프 고정판)	J870-1910	1	
11	Bolt (볼트)	J870-1911	4	
12	Bolt (볼트)	J870-1912	2	
13	Washer (와셔)	J870-1913	4	
14	Nut (너트)	J870-1914	2	
15	Bolt (볼트)	J870-1915	4	
16	Washer (와셔)	J870-1916	4	
17	Nut (너트)	J870-1917	4	
18	Bolt (볼트)	J870-1918	1	
19	Rubber support (고무 받침)	J870-1919	1	
20	Spacer (간격통)	J870-1920	1	
21	Vibroisolating rubber (방진 고무)	J870-1921	1	
22	Washer (와셔)	J870-1922	1	
23	Spring washer (스프링 와셔)	J870-1923	1	
24	Nut (너트)	J870-1924	1	

20. Natural spring ass'y (중립 스프링)



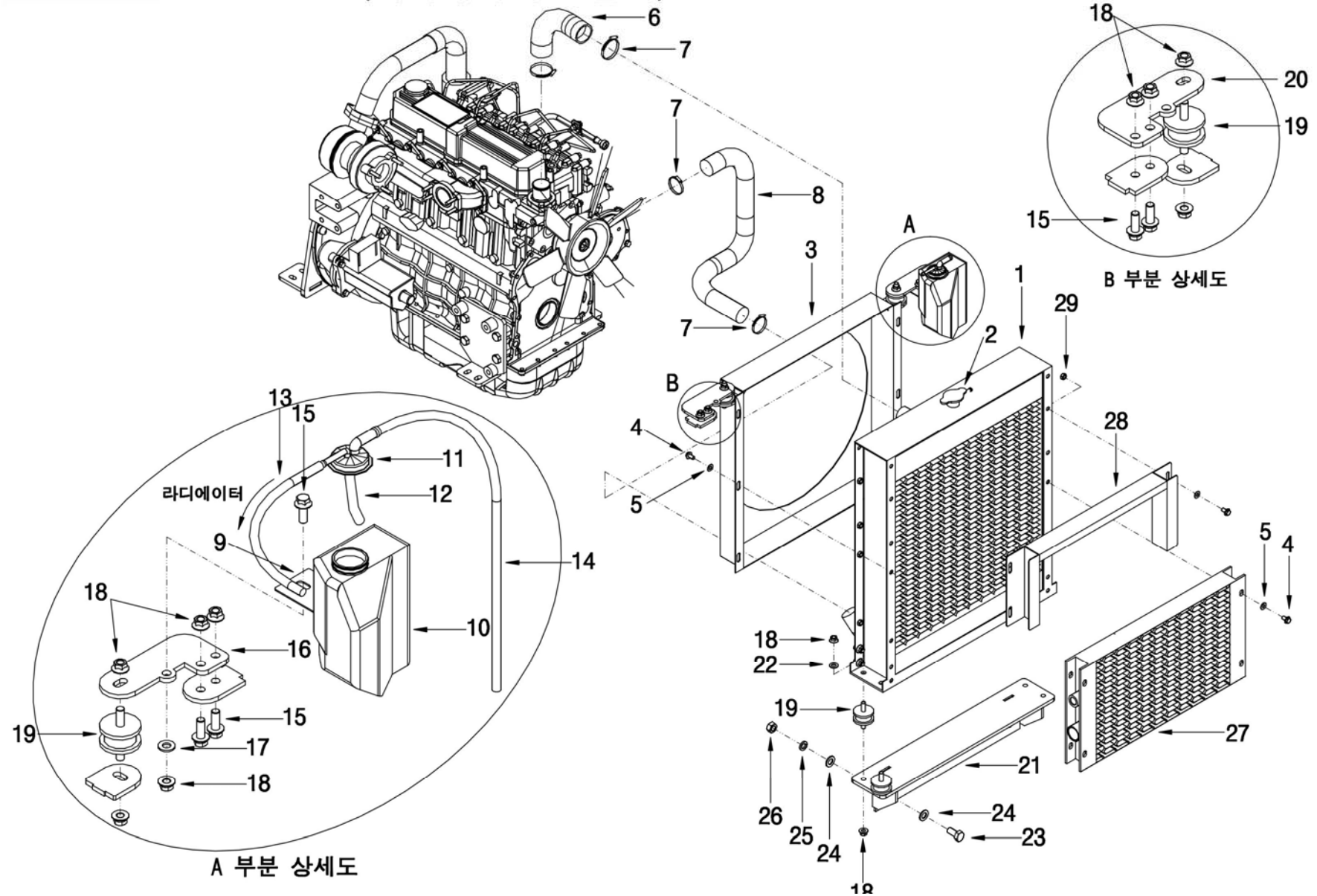
20. Neutral spring ass'y (중립 스프링)				
No.	Name	Part No.	Quantity	Remarks
1	Rod end (로드 엔드)	870-2001	2	
2	Nut (너트)	870-2002	2	
3	Adjusting bolt (조정 볼트)	870-2003	1	
4	Lock nut (잠금 너트)	870-2004	1	
5	Bolt (볼트)	870-2005	1	
6	Fixed pin (고정 핀)	870-2006	1	
7	Spring holder 1 (스프링 걸이 1)	870-2007	1	
8	Grease nipple (그리스 니플)	870-2008	1	
9	Case (케이스)	870-2009	1	
10	Spring (스프링)	870-2010	1	
11	Spring holder 2 (스프링 걸이 2)	870-2011	1	
12	Snap ring (스냅 링)	870-2012	1	
13	Coupling rod (연결 봉)	870-2013	1	

21. Radiator & Cooler (라디에이터 & 쿨러)



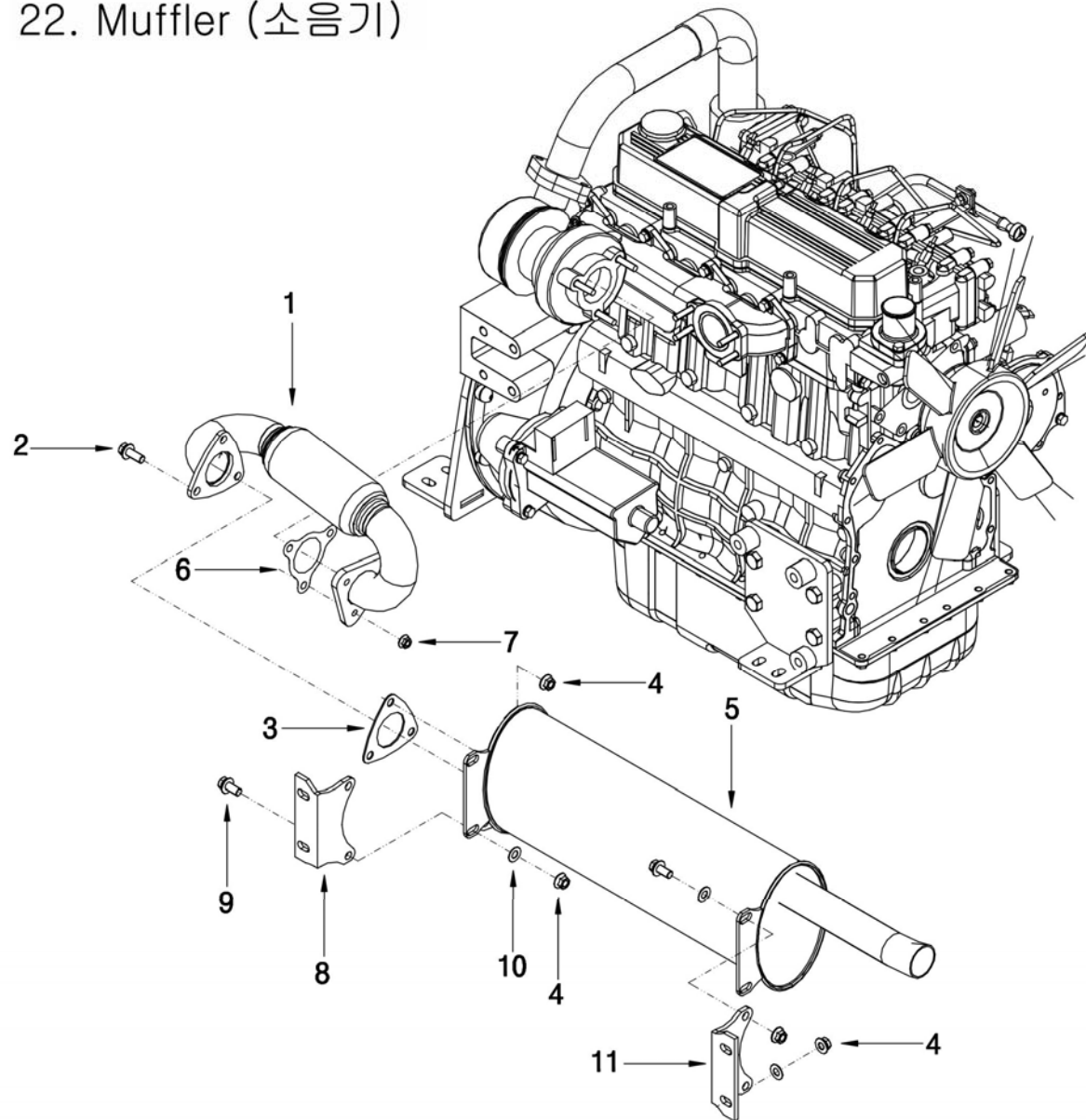
21. Radiator & Cooler (라디에이터 & 쿨러)				
No.	Name	Part No.	Quantity	Remarks
1	Radiator (라디에이터)	870-2101	1	
2	Radiator cap (라디에이터 캡)	870-2102	1	
3	Fan cover (팬 커버)	870-2103	1	
4	Bolt (볼트)	870-2104	14	
5	Washer (와셔)	870-2105	14	
6	Upper radiator hose (상단 라디에이터 호스)	870-2106	1	
7	Hose band (호스 밴드)	870-2107	4	
8	Lower radiator hose (하단 라디에이터 호스)	870-2108	1	
9	Fixed plate for aux. water tank (보조 물 탱크용 고정판)	870-2109	1	
10	Aux. water tank (보조 물 탱크)	870-2110	1	
11	Water tank cap (보조 물 탱크 캡)	870-2111	1	
12	Water tank hose (보조 물 탱크 호스)	870-2112	1	
13	Coupling hose (연결 호스)	870-2113	1	
14	Drain hose (퇴유 호스)	870-2114	1	
15	Bolt (볼트)	870-2115	5	
16	A fixed bracket RH (고정브라켓 오른쪽)	870-2116	1	
17	Washer (와셔)	870-2117	1	
18	Nut (너트)	870-2118	17	
19	Vibroisolating rubber (방진 고무)	870-2119	6	
20	A fixed bracket LH (고정브라켓 왼쪽)	870-2120	1	
21	A fixed plate (고정판)	870-2121	1	
22	Washer (와셔)	870-2122	8	
23	Bolt (볼트)	870-2123	2	
24	Washer (와셔)	870-2124	4	
25	Spring washer (스프링 와셔)	870-2125	2	

21. Radiator & Cooler (라디에이터 & 쿨러)



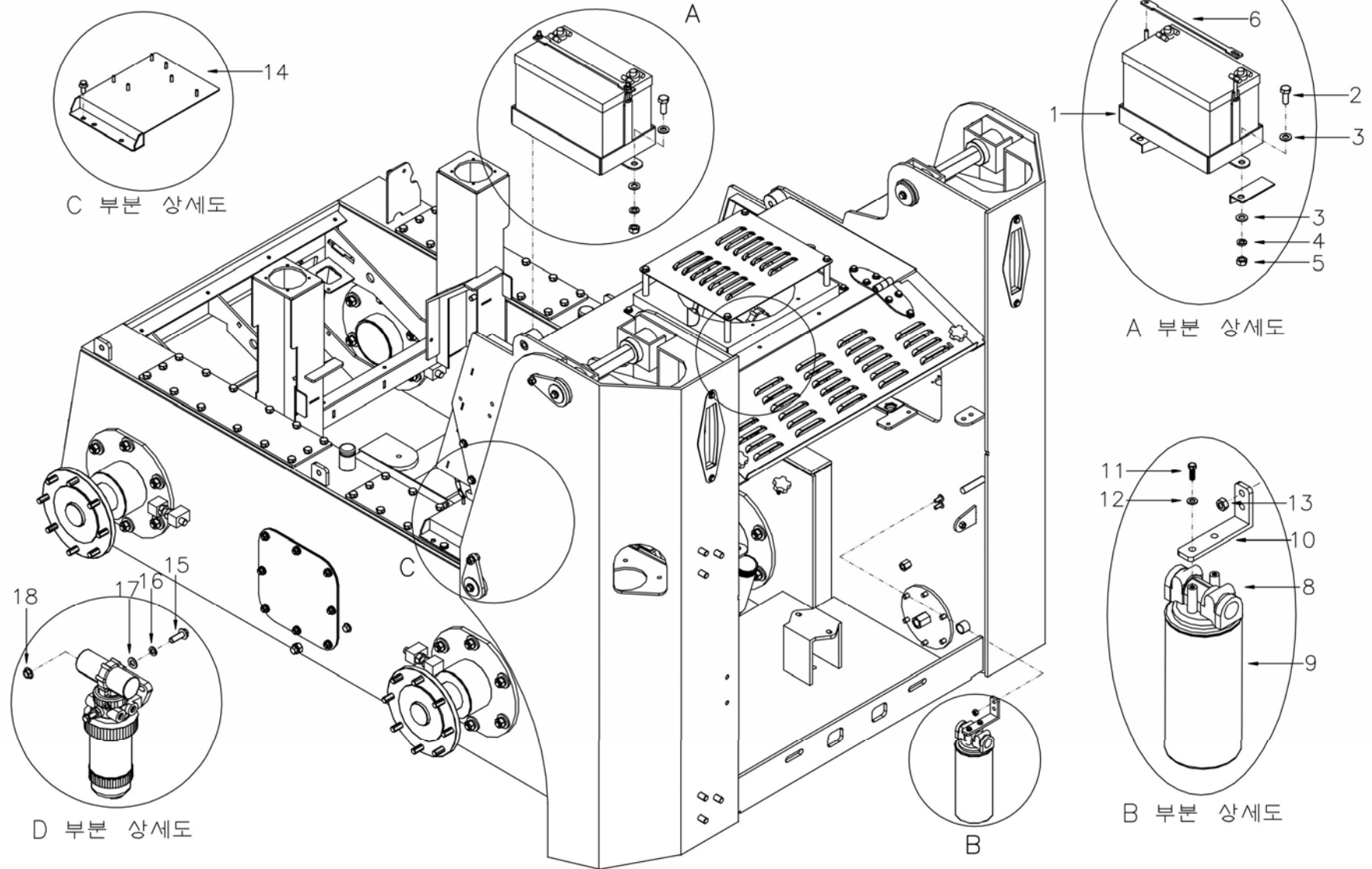
21. Radiator & Cooler (라디에이터 & 쿨러) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
26	Nut (너트)	870-2126	2	
27	Oil cooler (오일 쿨러)	870-2127	1	
28	Guide for cooler (쿨러 가이드)	870-2128	1	
29	Nut (너트)	870-2129	4	

22. Muffler (소음기)



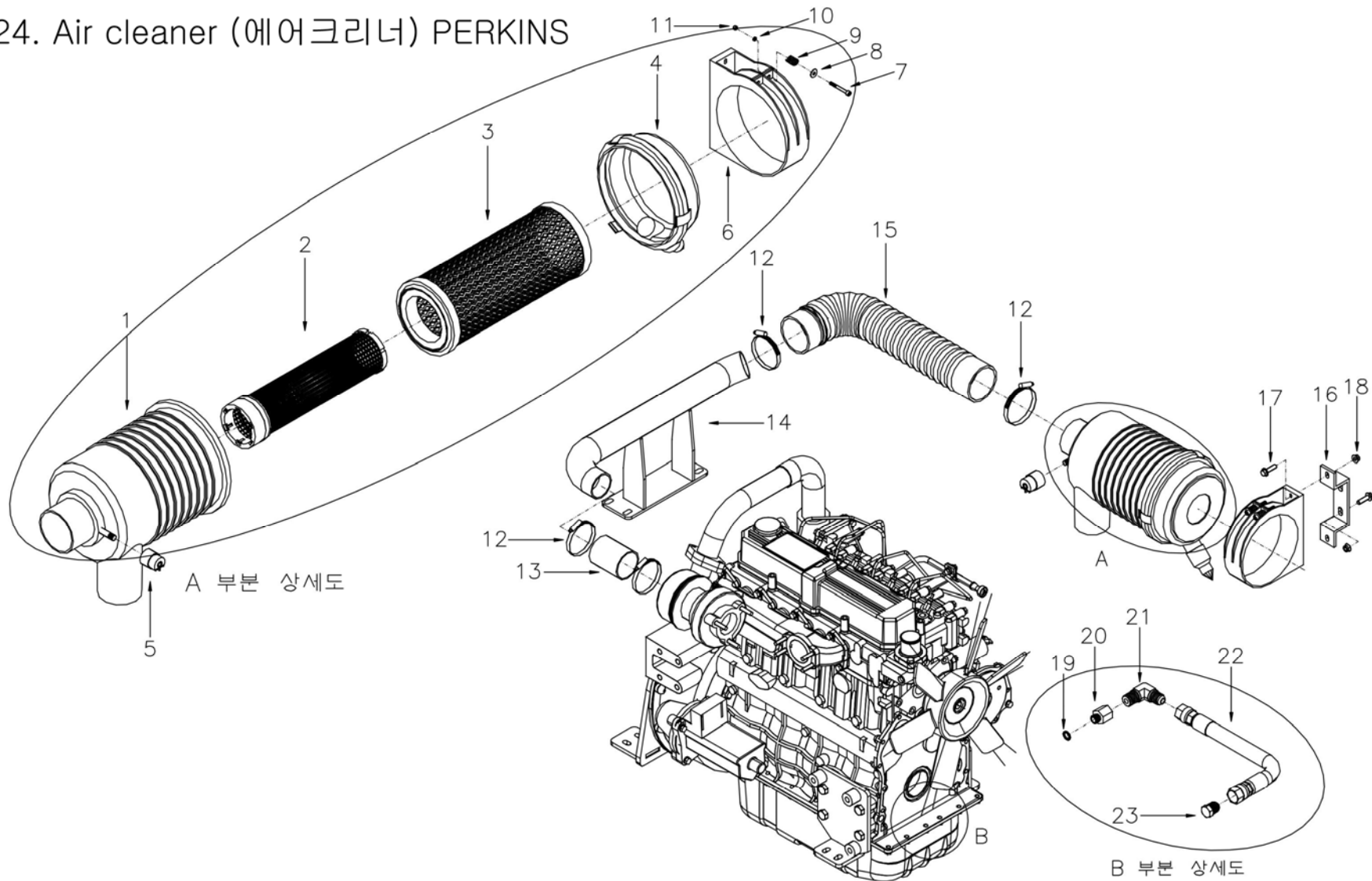
22. Muffler - For Perkins (소음기)				
No.	Name	Part No.	Quantity	Remarks
1	Coupling tube (연결관)	870-2201	1	
2	Bolt (볼트)	870-2202	3	
3	Gasket (가스켓)	870-2204	1	
4	Nut (너트)	870-2203	11	
5	Muffler (소음기)	870-2205	1	
6	Gasket (가스켓)	870-2206	1	
7	Nut (너트)	870-2207	3	
8	fixed plate (고정판)	870-2208	1	
9	Bolt (볼트)	870-2209	4	
10	Washer (와셔)	870-2210	8	
11	fixed plate (고정판)	J870-2211	1	

23. Parts related to engine (엔진관련 부품)



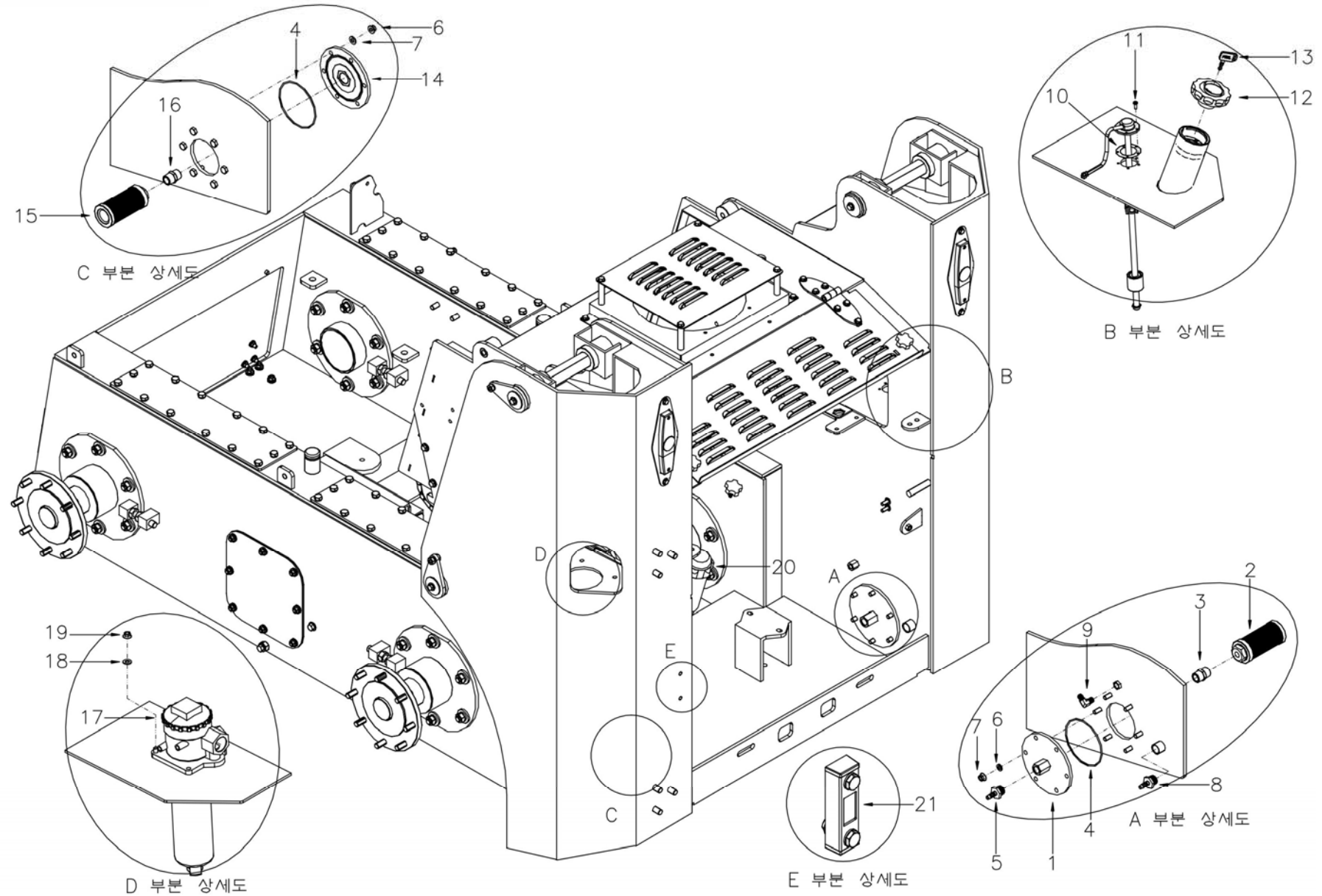
23. Parts related to engine (엔진관련 부품)				
No.	Name	Part No.	Quantity	Remarks
1	Battery case (배터리 케이스)	870-2301	1	
2	Bolt (볼트)	870-2302	2	
3	Washer (와셔)	870-2303	4	
4	Spring washer (스프링 와셔)	870-2304	2	
5	Nut (너트)	870-2305	2	
6	Fixed plate (고정판)	870-2306	2	
7	Nut (너트)	870-2307	2	
8	Spin-on filter holder (리턴 필터 잡이)	870-2308	1	
9	Spin-on filter (리턴 필터)	870-2309	1	
10	Fixed plate for spin-on filter (리턴 필터 고정판)	870-2310	1	
11	Bolt (볼트)	870-2311	2	
12	Washer (와셔)	870-2312	2	
13	Nut (너트)	870-2313	2	
14	Relay box (릴레이박스)	870-2314	1	
15	Bolt (볼트)	870-2315	2	
16	Spring washer (스프링 와셔)	870-2316	2	
17	Washer (와셔)	870-2317	2	
18	Nut (너트)	870-2318	2	

24. Air cleaner (에어크리너) PERKINS



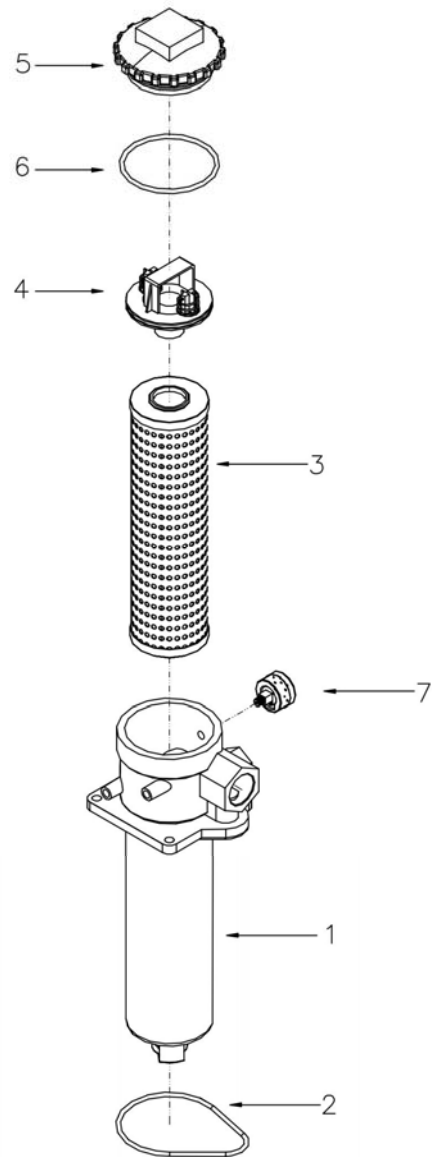
24. Air cleaner, Perkins (에어크리너, 퍼킨스엔진)				
No.	Name	Part No.	Quantity	Remarks
1	Air cleaner case (에이크리너 케이스)	870-2401	1	
2	Inner filter element (내측 에어크리너 필터)	870-2402	1	
3	Outer Filter element (외측 에어크리너 필터)	870-2403	1	
4	Bottom cap (하단 캡)	870-2404	1	
5	Air bleeder (에어 브리저)	870-2405	1	
6	Clamp (크램프)	870-2406	1	
7	Bolt (볼트)	870-2407	2	
8	Washer (와셔)	870-2408	2	
9	Spring (스프링)	870-2409	2	
10	Spring washer (스프링 와셔)	870-2410	2	
11	Nut (너트)	870-2411	2	
12	Band (밴드)	870-2412	4	
13	Connecting hose (연결 호스)	870-2413	1	
14	Coupling tube (연결관)	870-2414	1	
15	Air cleaner hose (에어크리너 호스)	870-2415	1	
16	A fixed plate (고정판)	870-2416	1	
17	Bolt (볼트)	870-2417	4	
18	Nut (너트)	870-2418	4	
19	Bonded seal (본딩 씬)	870-2422	1	
20	Reducer (레듀샤)	870-2423	1	
21	Coupling nipple (연결 니플)	870-2424	1	
22	Drain hose (퇴유 호스)	870-2425	1	
23	Cap (캡)	870-2426	1	

25. Hydraulics and fuel tank (유압 및 연료 탱크)



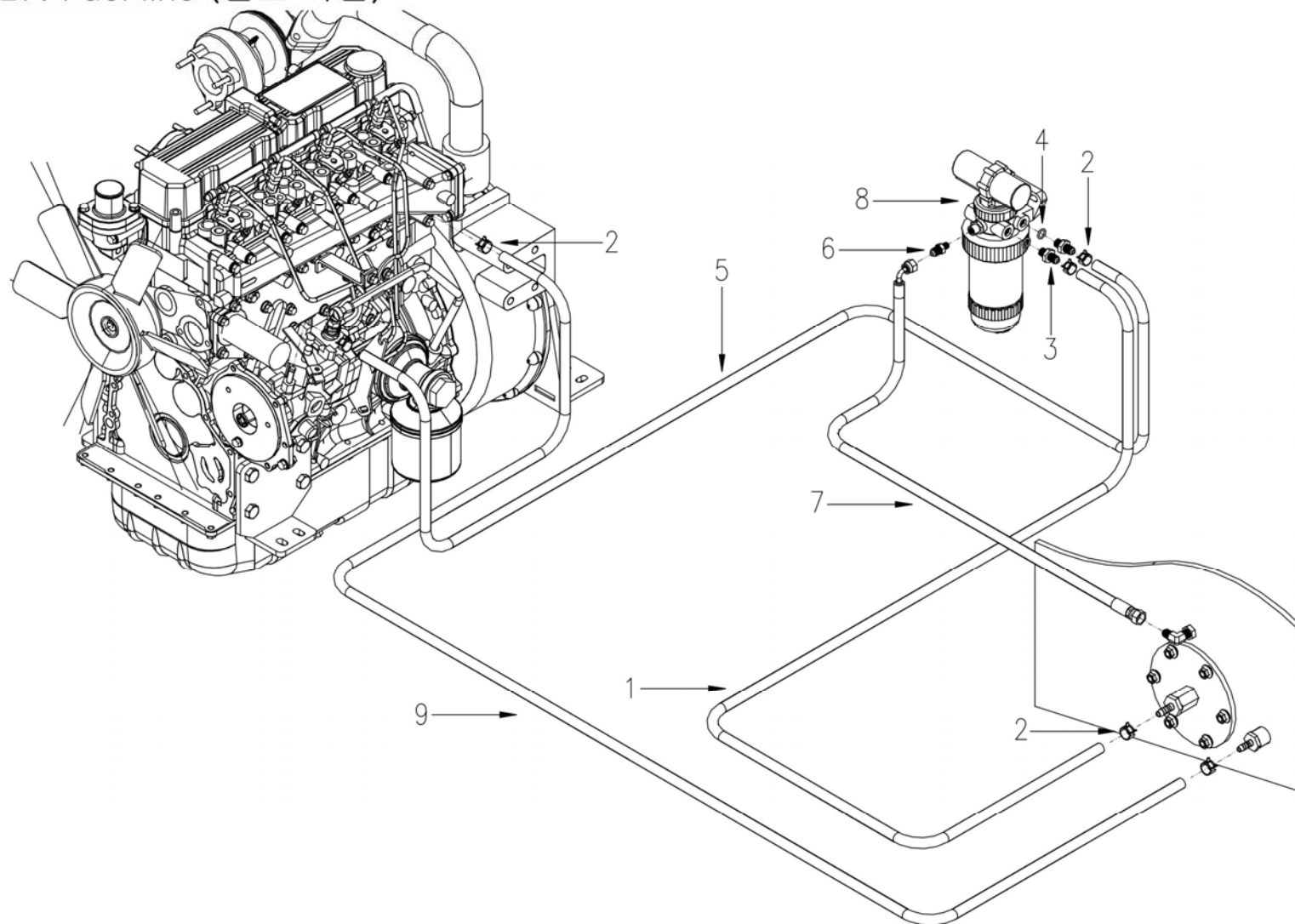
25. Hydraulics and fuel tank (유압 및 연료 탱크)				
No.	Name	Part No.	Quantity	Remarks
1	Fixed plate for filter (필터 고정판)	870-2501	1	
2	Suction filter for fuel (fuel filter) (석션 필터, 경유)	870-2502	1	
3	Coupling nipple (연결 니플)	870-2503	1	
4	O-ring (오 링)	870-2504	2	
5	Nipple for hose holder, suction (호스 잡이 니플, 흡입)	870-2505	1	
6	Washer (와셔)	870-2506	12	
7	Nut (너트)	870-2507	12	
8	Nipple for hose holder, drain (호스 잡이 니플, 퇴유)	870-2508	1	
9	Coupling nipple (연결 니플)	870-2509	1	
10	Gasket (가스켓)	870-2510	1	
11	Bolt (볼트)	870-2511	5	
12	Fuel cap (연료 캡)	870-2512	1	
13	Key (키)	870-2513	1	
14	Fixed plate for filter (필터 고정판)	870-2514	1	
15	Suction filter for hyd' oil (hyd' oil filter) (석션 필터, 유압)	870-2515	1	
16	Coupling nipple (연결 니플)	870-2516	1	
17	Dual filter ass'y (suction * spin-on) (복합필터조합 석션*리턴)	870-2517	1	
18	Washer (와셔)	870-2518	2	
19	Nut (너트)	870-2519	2	
20	Hyd' oil cap (유압 오일 캡)	870-2520	1	
21	Hyd' oil level gauge (유량 게이지)	870-2521	1	

26. Dual hyd' oil filter (복합필터)



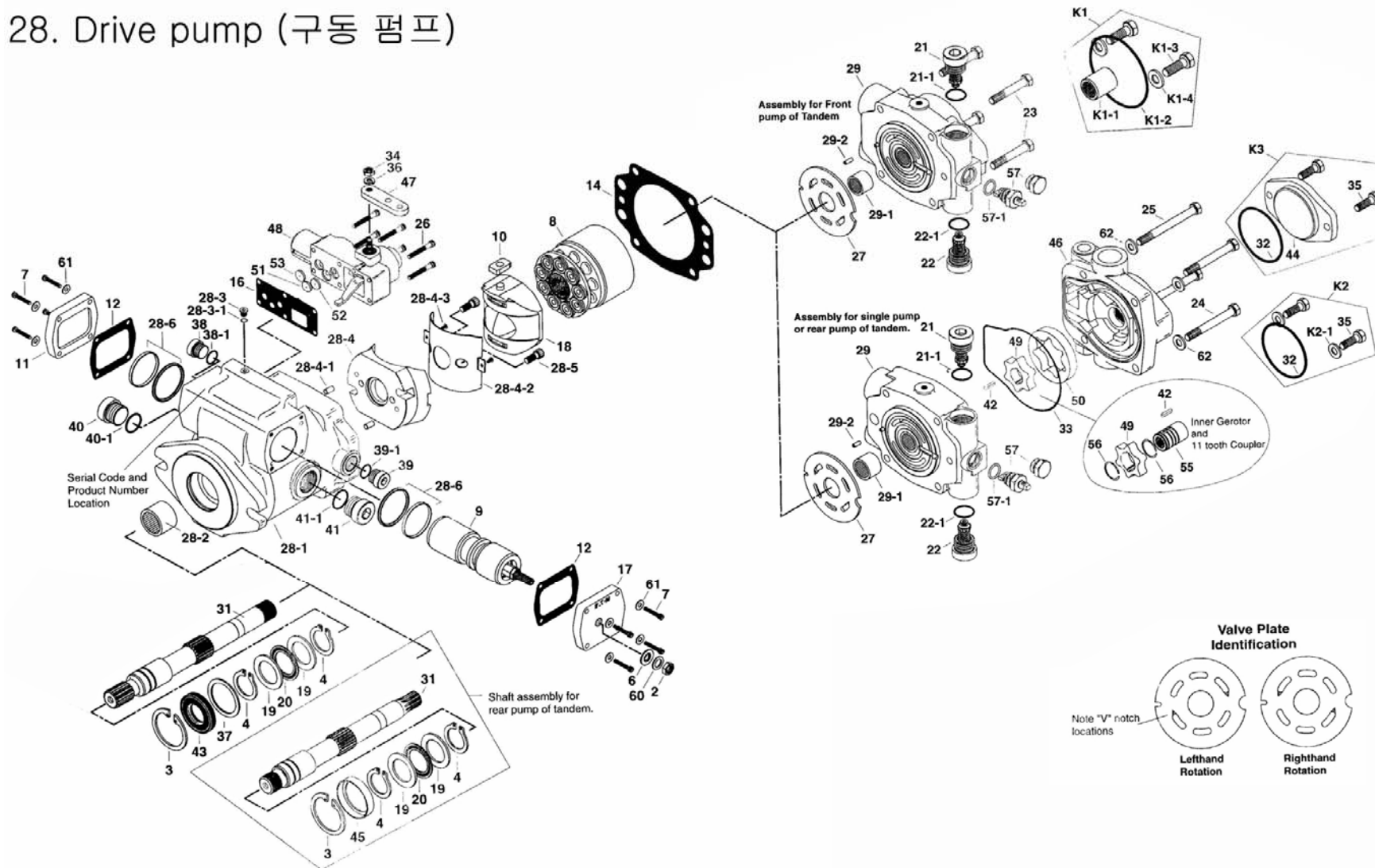
26. Dual hyd' oil filter (복합필터)				
No.	Name	Part No.	Quantity	Remarks
1	Case (케이스)	870-2601	1	
2	O-ring (오 링)	870-2602	1	
3	Filter (필터)	870-2603	1	
4	Plate for filter holder (필터 잡이 판)	870-2604	1	
5	Cap (캡)	870-2605	1	
6	O-ring (오 링)	870-2606	1	
7	Pressure gauge (압력 게이지)	870-2607	1	

27. Fuel line (연료 라인)



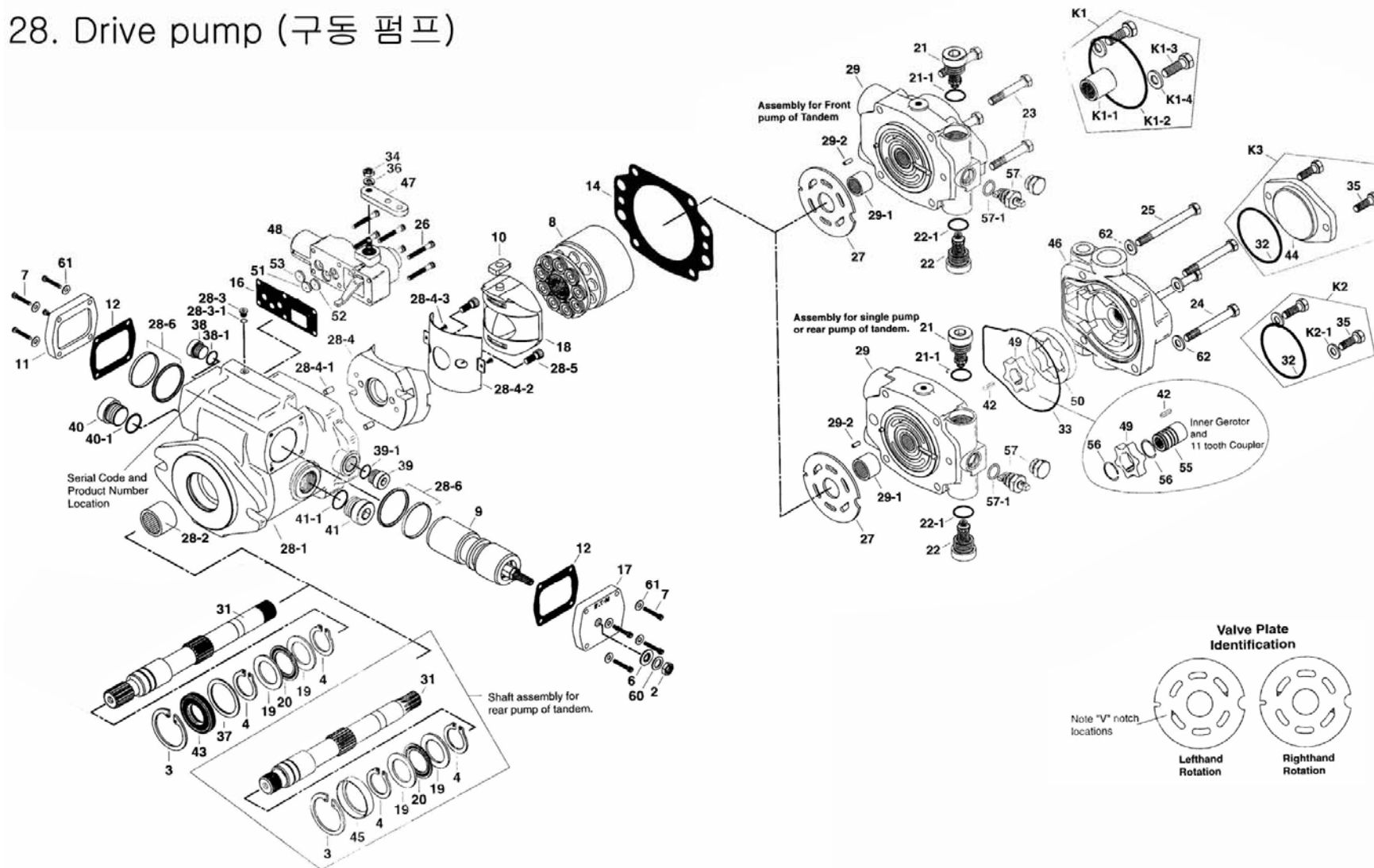
27. Fuel line - For Perkins (연료 라인 - 퍼킨스용)				
No.	Name	Part No.	Quantity	Remarks
1	Input hose (입력 호스)	870-2701	1	
2	Band (밴드)	870-2702	6	
3	Nipple (니플)	870-2703	2	
4	O-ring (오 링)	870-2704	2	
5	Coupling hose (연결 호스)	870-2705	1	
6	Nipple (니플)	870-2706	1	
7	Hose (호스)	870-2707	1	
8	Fuel filter (연료 필터)	870-2708	1	
9	Drain hose (퇴유 호스)	870-2709	1	

28. Drive pump (구동 펌프)



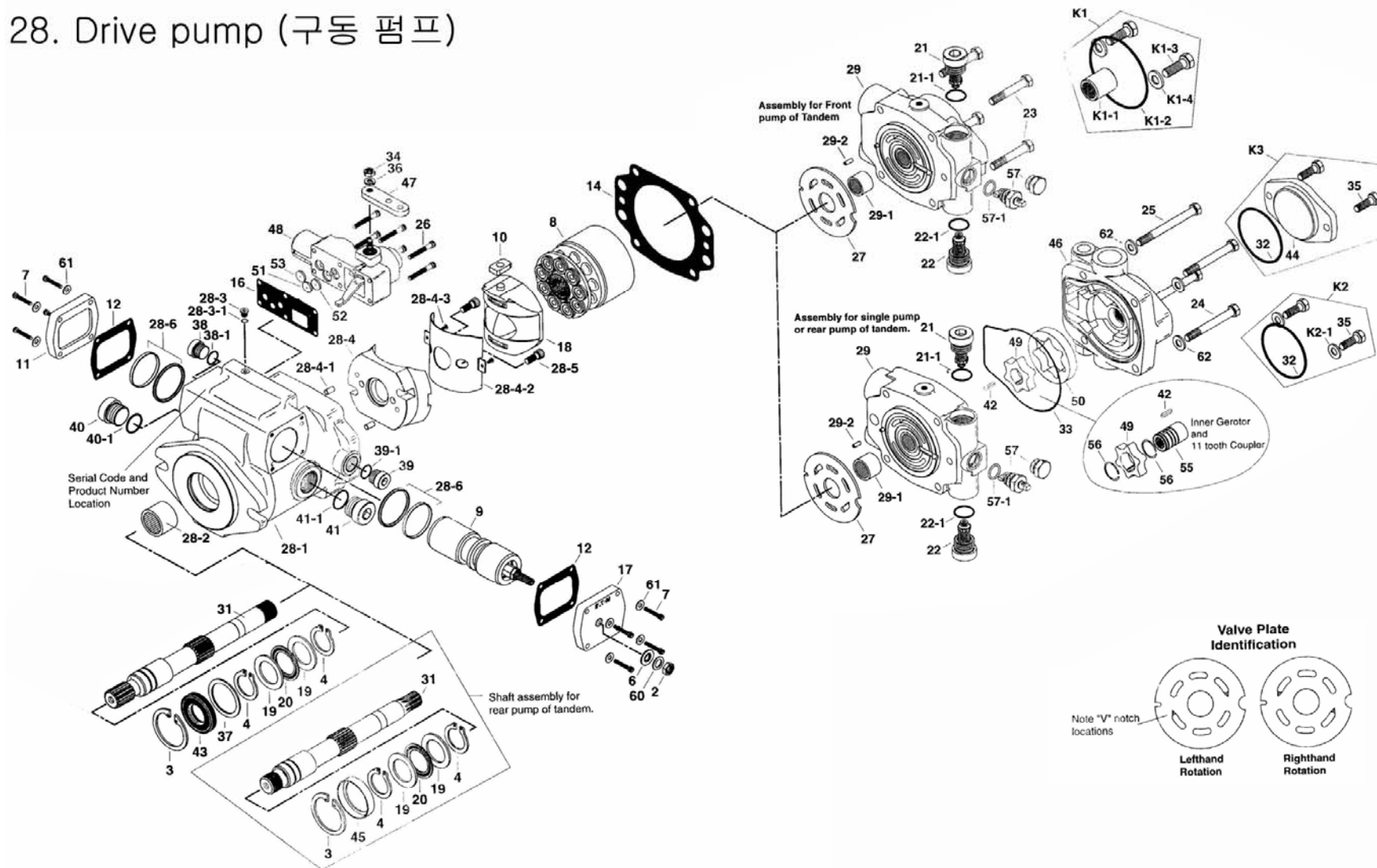
28. Drive pump (구동 펌프)				
No.	Name	Part No.	Quantity	Remarks
2	Jam nut	870-2801	1	
3	Retaining ring	870-2802	1	
4	Retaining ring	870-2803	2	
6	Seal washer	870-2804	1	
7	Cap screw	870-2805	8	
8	Rotating kit assembly	870-2806	1	
9	Servo piston assembly	870-2807	1	
10	Servo piston assembly	870-2808	1	
11	Cover plate	870-2809	1	
12	Cover plate gasket	870-2810	2	
14	Housing gasket	870-2811	1	
16	Control housing gasket	870-2812	1	
17	Cover plate	870-2813	1	
18	Swash plate	870-2814	1	
19	Thrust race	870-2815	2	
20	Thrust bearing	870-2816	1	
21	Relief vavle for port "A"	870-2817	1	
1-21	O-ring	870-2818	1	
22	Relief vavle for port "B"	870-2819	1	
1-22	O-ring	870-2820	1	
23	Cap screw	870-2821	4	
27	Valve plate	870-2822	1	
28	Housing assembly	870-2823	1	

28. Drive pump (구동 펌프)



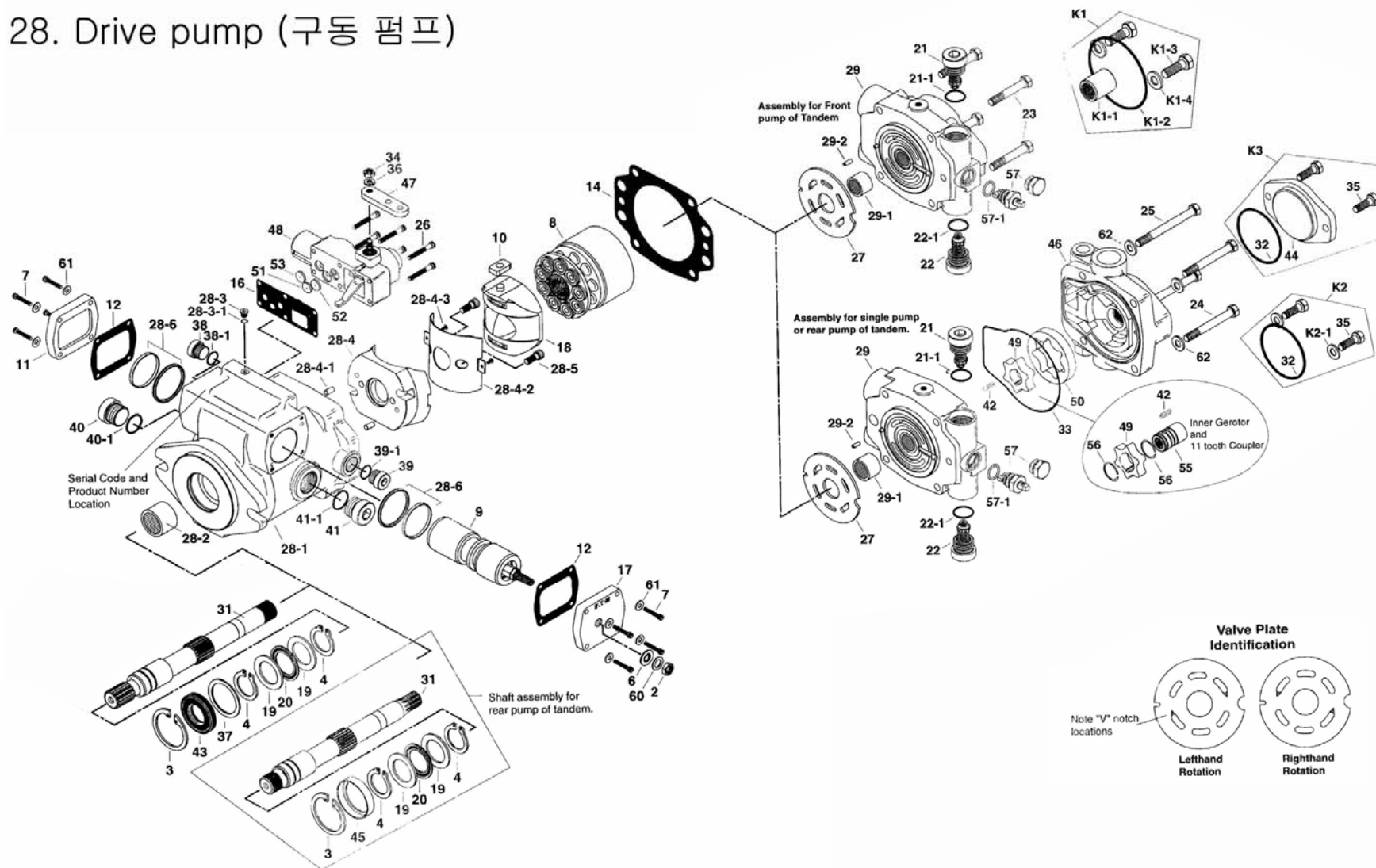
28. Drive pump (구동 펌프) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
1-28	Housing gasket	870-2824	1	
2-28	Bearing (press fit)	870-2825	1	
3-28	Plug sub-assembly	870-2826	1	
3-1-1	O-ring	870-2827	1	
4-28	Cradle sub-assembly	870-2828	1	
4-1	Dowel pin	870-2829	2	
3-1-1	Bushing	870-2830	1	
3-1-1	Cap screw, button head	870-2831	2	
5-28	Cap screw	870-2832	2	
6-28	Seal sub-assembly	870-2833	2	
29	End cover assembly	870-2834	1	
1-29	Bearing (press fit)	870-2835	1	
2-1	Roll pin	870-2836	1	
1-30	Key	870-2837	1	
31	Drive shaft	870-2838	1	
32	O-ring	870-2839	1	
33	Molded o-ring	870-2840	1	
34	Nut	870-2841	1	
35	Cap screw	870-2842	2	
36	Lock washer	870-2843	1	
37	Washer	870-2844	1	
38	Plug	870-2845	1	
38-1	O-ring	870-2846	1	

28. Drive pump (구동 펌프)



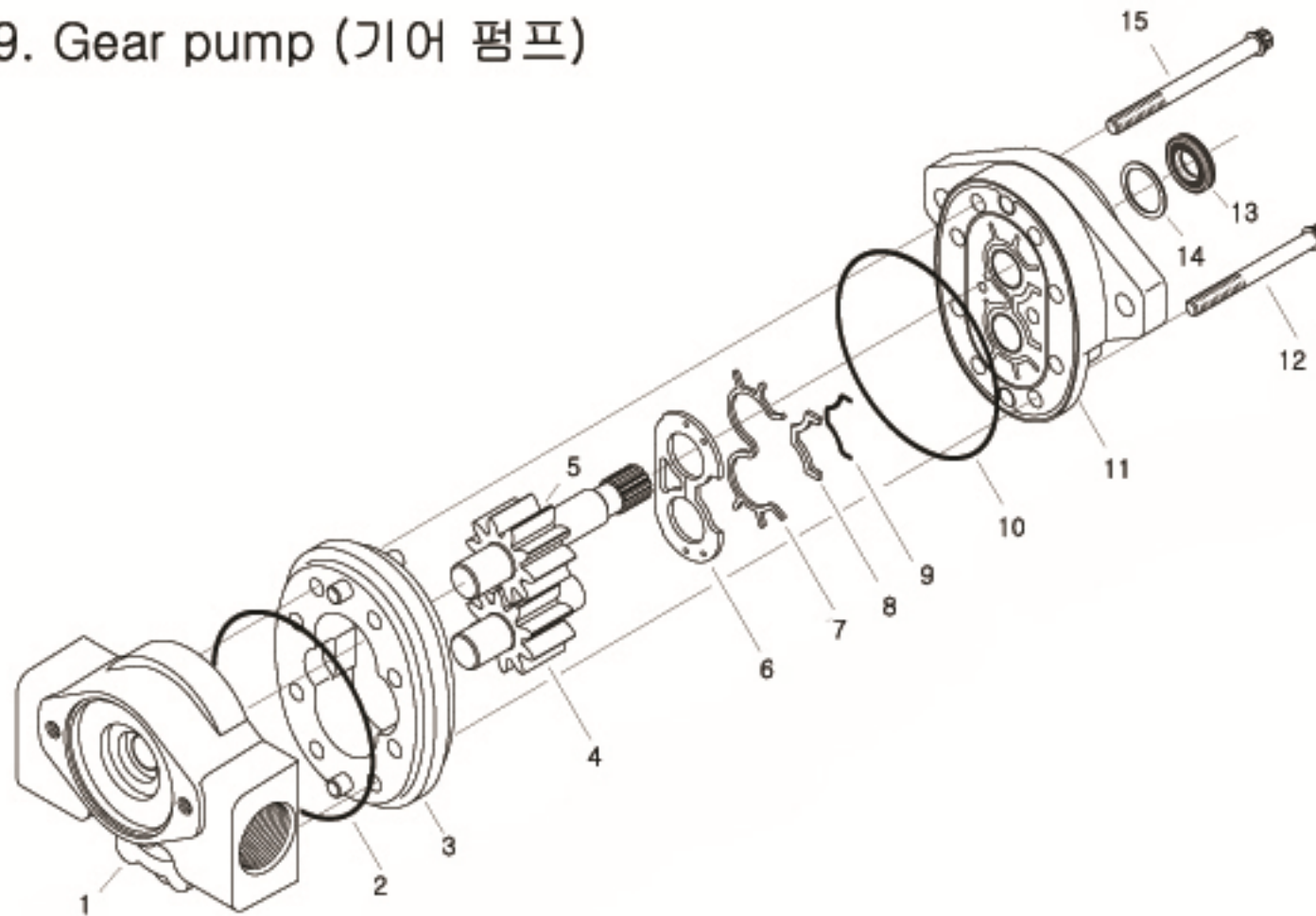
28. Drive pump (구동 펌프) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
39	Plug	870-2847	1	
Jan-39	O-ring	870-2848	1	
40	Plug	870-2849	1	
Jan-40	O-ring	870-2850	1	
41	Plug	870-2851	1	
Jan-41	O-ring	870-2852	1	
42	Key	870-2853	1	
43	Shaft seal	870-2854	1	
44	Cover plate	870-2855	1	
45	Spacer	870-2856	1	
46	Charge pump adapter assembly	870-2857	1	
47	Control arm	870-2858	1	
48	Manual servo control assembly	870-2859	1	
49	Inner ring gerotor	870-2860	1	
50	Outer ring gerotor	870-2861	1	
51	Supply orifice	870-2862	1	
52	Control valve orifice	870-2863	1	
53	Control valve orifice	870-2864	1	
55	Coupler	870-2865	1	
56	Retaining ring	870-2866	2	
57	Bypass valve actuator or plug	870-2867	1	
60	Washer	870-2868	1	
61	Washer	870-2869	1	

28. Drive pump (구동 펌프)



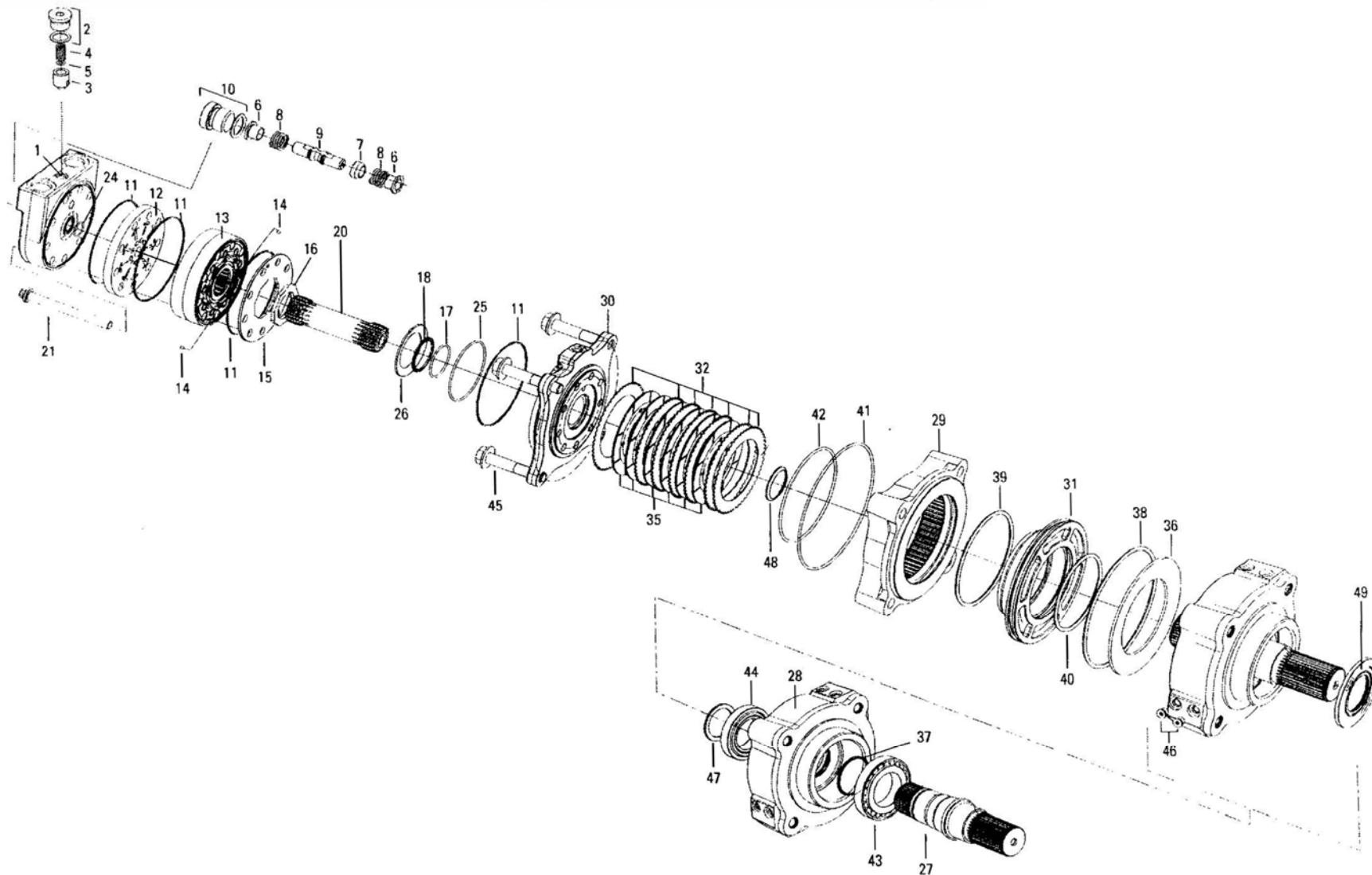
28. Drive pump (구동 펌프) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
62	Washer	870-2870	1	
K1	Tandem servo piston pump mounting kit	870-2871	1	
K1-1	Coupler	870-2872	1	
K1-2	O-ring	870-2873	1	
K1-3	Cap screw	870-2874	2	
K1-4	Washer	870-2875	2	
K2	Gear pump mounting kit	870-2876	1	
K2-1	O-ring	870-2877	1	
K3	Cover plate kit	870-2878	1	

29. Gear pump (기어 펌프)



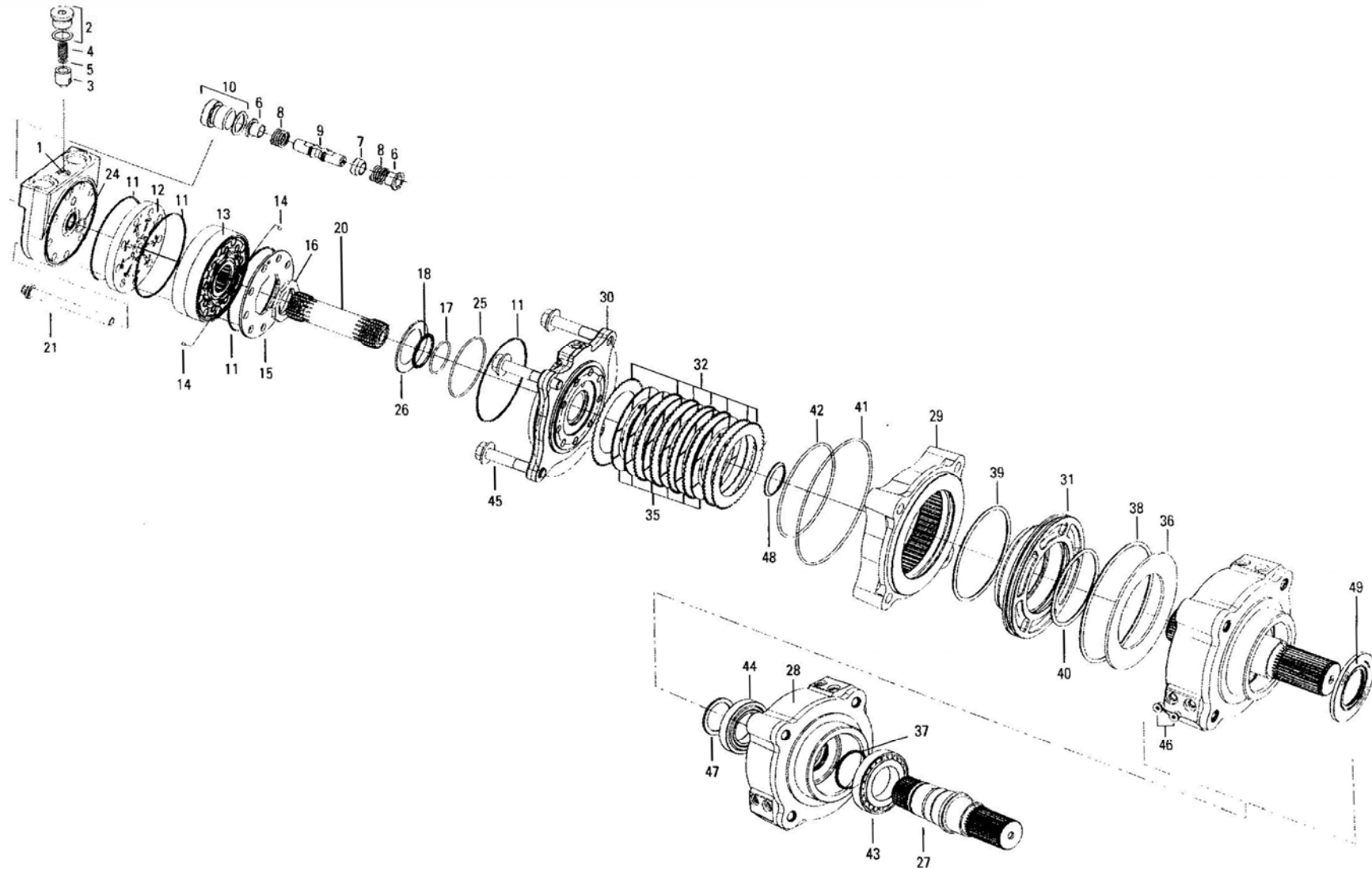
29. Gear pump (기어 펌프)				
No.	Name	Part No.	Quantity	Remarks
1	Back plate (백 플레이트)	870-2901	1	
2	O-ring (오 링)	870-2902	1	
3	Body (바디)	870-2903	1	
4	Idlear gear ass'y (아이들러 기어 아세이)	870-2904	1	
5	Drive gear ass'y (드라이브 기어 아세이)	870-2905	1	
6	Wear Plate (웨어 플레이트)	870-2906	1	
7	Seal (씰)	870-2907	1	
8	Back up gasket (백업 가스켓)	870-2908	1	
9	Plug (플러그)	870-2909	1	
10	O-ring (오 링)	870-2910	1	
11	Front plate (프론트 플레이트)	870-2911	1	
12	Washer (와셔)	870-2912	1	
13	Shaft seal (쉐프트 실)	870-2913	1	
14	Optional retaining ring (옵셔널 리테이닝 링)	870-2914	1	
15	Washer (와셔)	870-2915	1	
16	Cap screw (캡 스크류)	870-2916	1	

30. Drive motor – For VIS motor (구동 모터 – 비스 모터용)



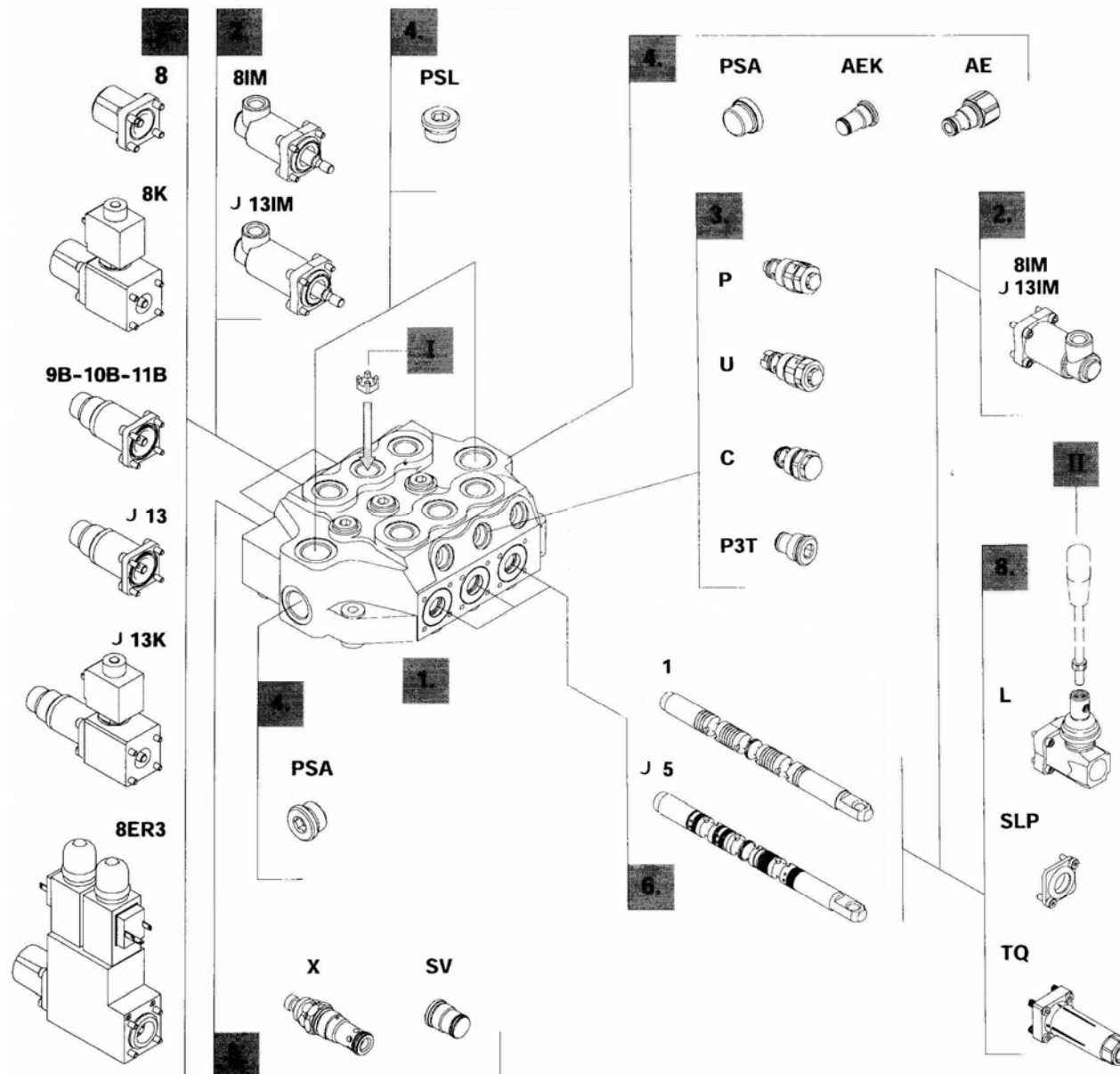
30. Drive motor – For VIS motor (구동 모터 – 비스 모터용)				
No.	Name	Part No.	Quantity	Remarks
1	End cap	574-3001	1	
2	Plug / O-ring sub assembly	574-3002	1	
3	Poppet	574-3003	1	
4	Spring	574-3004	1	
5	Shim	574-3005	1	
6	Sleeve dash pot	574-3006	2	
7	Poppet	574-3007	2	
8	Spring	574-3008	2	
9	Piston, shuttle	574-3009	1	
10	Plug / O-ring sub assembly	574-3010	1	
11	Seal	574-3011	4	
12	Plate, valve	574-3012	1	
13	Geroler	574-3013	1	
14	Ball	574-3014	2	
15	Plate, balance (outer)	574-3015	1	
16	Plate, balance (inner)	574-3016	1	
17	O-ring	574-3017	1	
18	Ring, back-up	574-3018	1	
20	Drive	574-3019	1	
21	Screw, 12PT	574-3020	9	
24	O-ring	574-3021	1	
25	Seal	574-3022	1	
26	Spring, belleville disc	574-3023	1	

30. Drive motor – For VIS motor (구동 모터 – 비스 모터용)



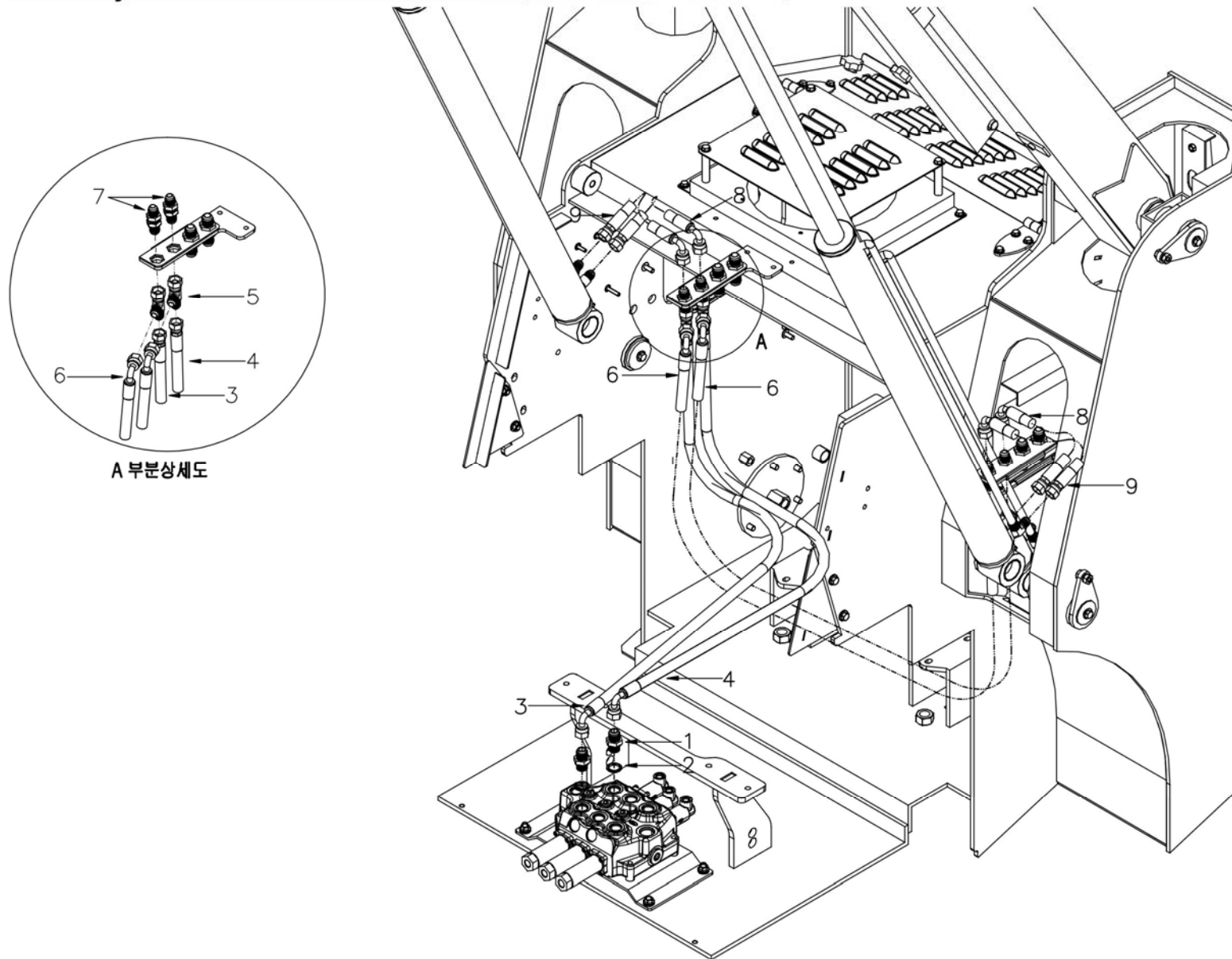
30. Drive motor – For VIS motor (구동 모터 – 비스 모터용) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
27	Output shaft	574-3024	1	
28	Sprocket housing	574-3025	1	
29	Friction housing	574-3026	1	
30	Brake flange	574-3027	1	
31	Piston	574-3028	1	
32	Stationary plate	574-3029	6	
35	Friction pad assembly	574-3030	6	
36	Belleville spring	574-3031	1	
37	Quad ring seal	574-3032	1	
38	O-ring	574-3033	1	
39	O-ring	574-3034	1	
40	O-ring	574-3035	1	
41	O-ring	574-3036	1	
42	O-ring	574-3037	1	
43	Bearing	574-3038	1	
44	Bearing	574-3039	1	
45	Flange head bolt	574-3040	4	
46	Plug assembly	574-3041	2	
47	Retaining ring	574-3042	1	
48	Shaft face seal	574-3043	1	
49	Grease seal (optional)	574-3044	1	

31. Control valve (콘트롤 밸브)



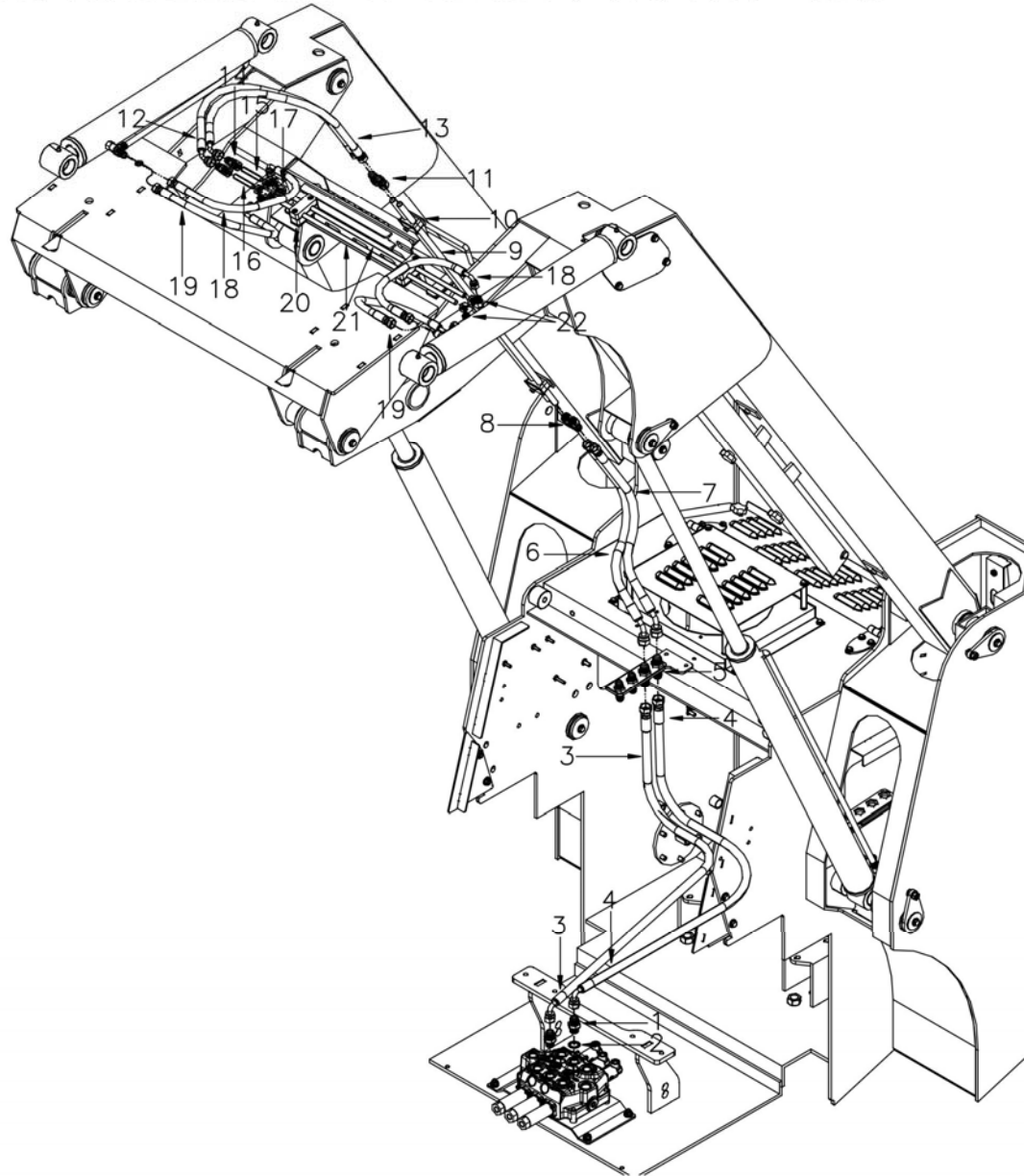
31. Control valve (콘트롤 밸브)				
No.	Name	Part No.	Quantity	Remarks
1	Body kit	870-3101	1	
2	Pilot hydraulic spool control	870-3102	1	
3	Port relief options	870-3103	1	
4	Inlet and outlet port options	870-3104	1	
5	Inlet relief options	870-3105	1	
6	Spool options	870-3106	1	
7	A side spool positioners	870-3107	1	
8	B side spool positioners	870-3108	1	
9	Flow restrictor	870-3109	1	
10	Optional handlever	870-3110	1	

32. Hydraulic line of lift arm (주분 유압 라인)



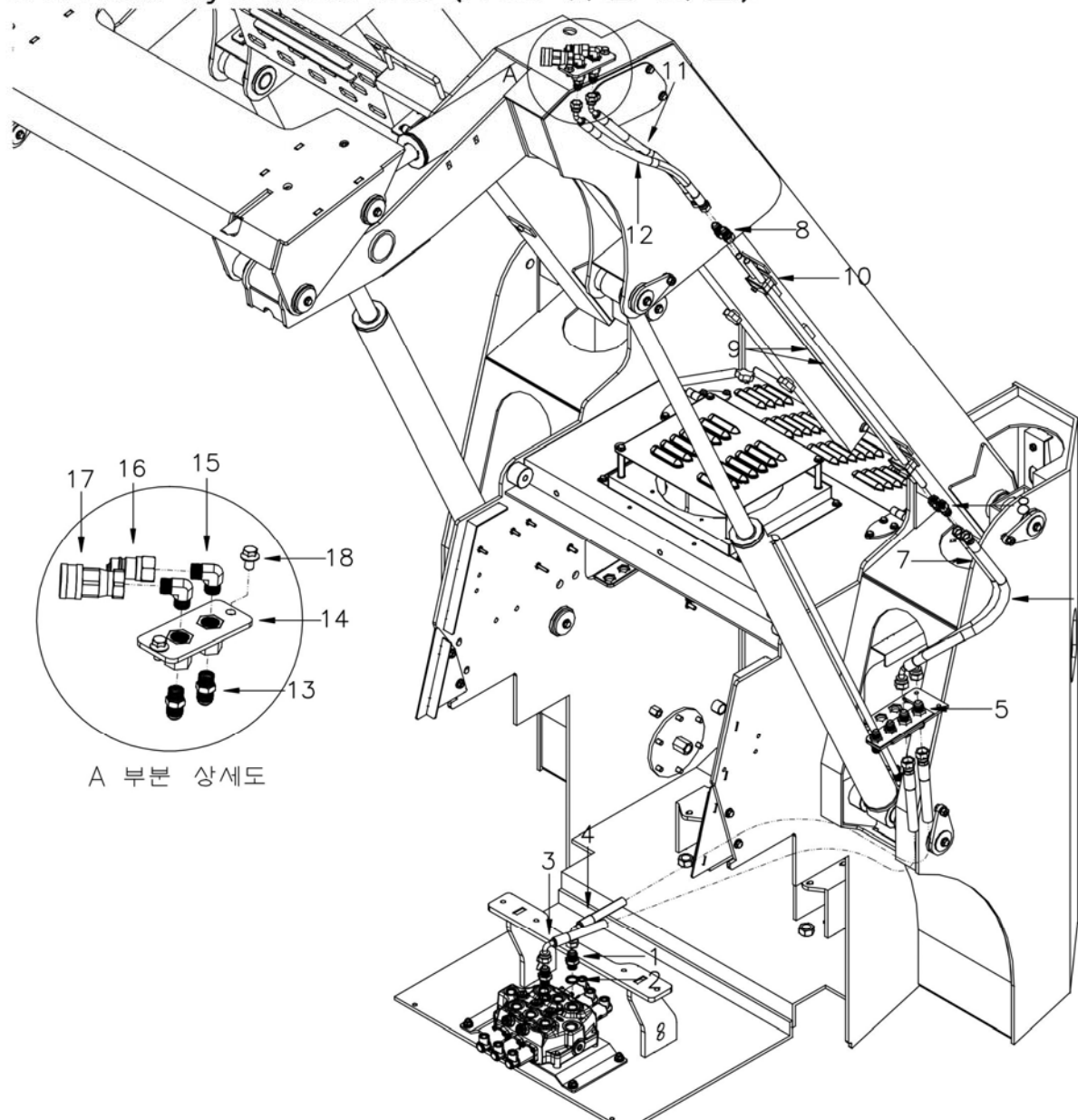
32. Hydraulic line of lift arm (주뿔 유압 라인)				
No.	Name	Part No.	Quantity	Remarks
1	Hose nipple to control valve (호스 니뿔, 콘트롤 밸브)	870-3201	2	
2	Bonded seal (본딩씰)	870-3202	2	
3	Hose (control valve*distributing nipple) (호스 (콘트롤 밸브*분배니뿔))	870-3204	1	
4	Hose (control valve*coupling nipple) (호스 (콘트롤 밸브*연결니뿔))	870-3203	1	
5	Distributing nipple (분배 니뿔)	870-3205	2	
6	Hose (distributing nipple*coupling nipple) (호스(분배 니뿔*연결니뿔))	870-3206	2	
7	Coupling nipple (연결 니뿔)	870-3207	2	
8	Hose (coupling nipple*lift cylinder) (호스 (연결니뿔*뿔실린더))	870-3208	2	
9	Hose (coupling nipple*lift cylinder) (호스 (연결니뿔*뿔실린더))	870-3209	2	

33. Hydraulic line of bucket (버킷 유압 라인)



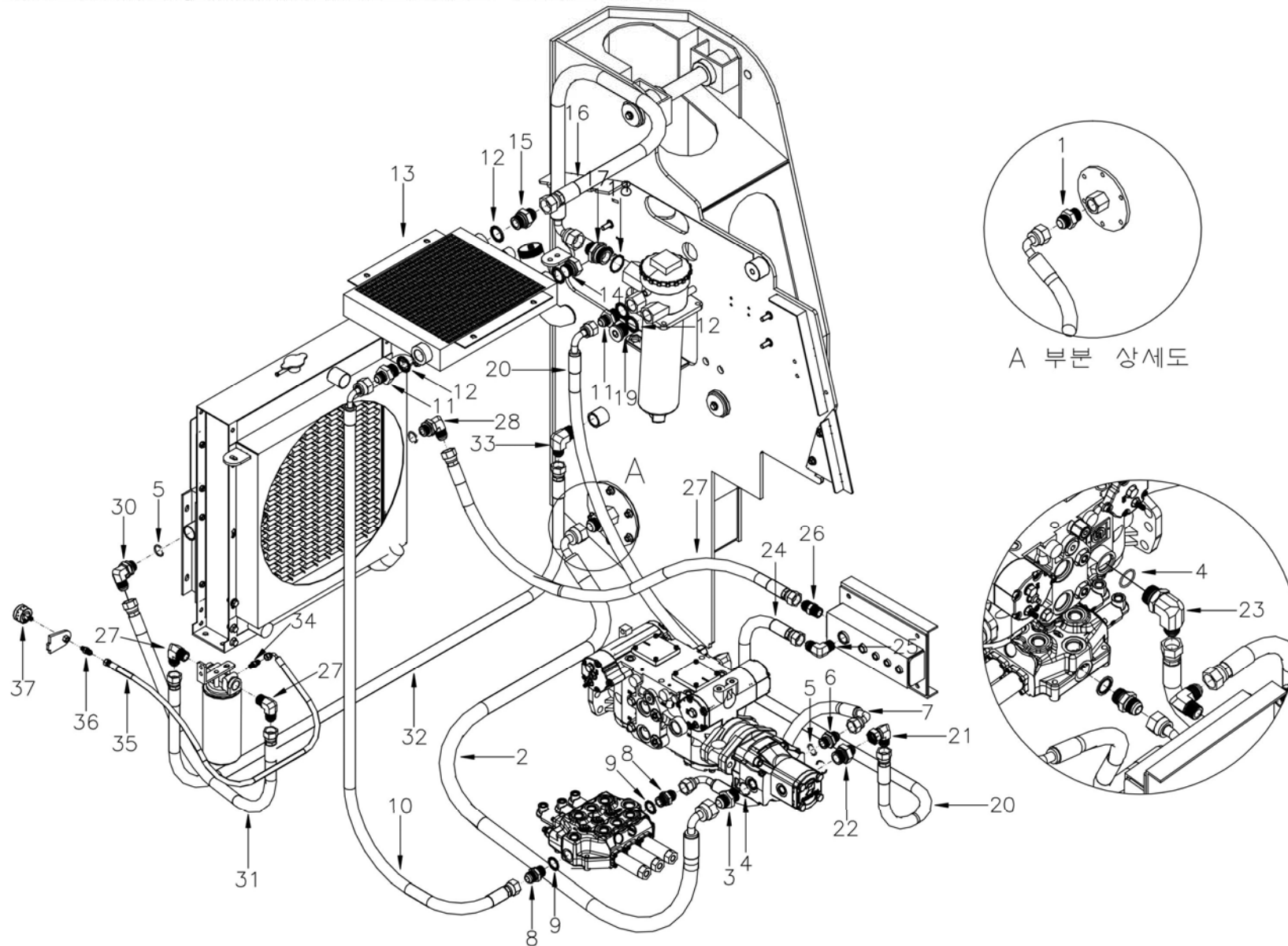
33. Hydraulic line of bucket (버킷 유압 라인)				
No.	Name	Part No.	Quantity	Remarks
1	Hose nipple to control valve (호스 니플, 콘트롤 밸브)	870-3301	2	
2	Bonded seal (본딩씰)	870-3302	2	
3	Hose (control valve*coupling nipple) (호스 (콘트롤 밸브*연결니플))	870-3304	1	
4	Hose (control valve*coupling nipple) (호스 (콘트롤 밸브*연결니플))	870-3303	1	
5	Coupling nipple (연결 니플)	870-3305	2	
6	Hose (coupling nipple*steel pipe) (호스 (연결니플*철배관))	870-3306	1	
7	Hose (coupling nipple*steel pipe) (호스 (연결니플*철배관))	870-3307	1	
8	Nipple ST for steel pipe (철배관 니플 ST)	870-3308	2	
9	Steel pipe (철 배관)	870-3309	2	
10	Clamp (크램프)	870-3310	2	
11	Nipple ST for steel pipe (철배관 니플 ST)	870-3311	2	
12	Hose (steel pipe*steel pipe) (호스 (철배관*철배관))	870-3312	1	
13	Hose (steel pipe*steel pipe) (호스 (철배관*철배관))	870-3313	1	
14	Nipple ST for steel pipe (철배관 니플 ST)	870-3314	2	
15	Steel pipe (철 배관)	870-3315	1	
16	Steel pipe (철 배관)	870-3316	1	
17	Nipple T for steel pipe (철배관 니플 T)	870-3317	2	
18	Hose (steel pipe*tilt cylinder for tilting forward) (호스 (철배관*버킷실린더퍼짐))	J870-3318	2	
19	Hose (steel pipe*tilt cylinder for curling up) (호스 (철배관*버킷실린더오므림))	J870-3319	2	
20	Clamp (크램프)	870-3320	2	
21	Steel pipe (철 배관)	870-3321	2	
22	Nipple L for steel pipe (철배관 니플 L)	870-3322	2	

34. Aux. hydraulic line (보조 유압 라인)



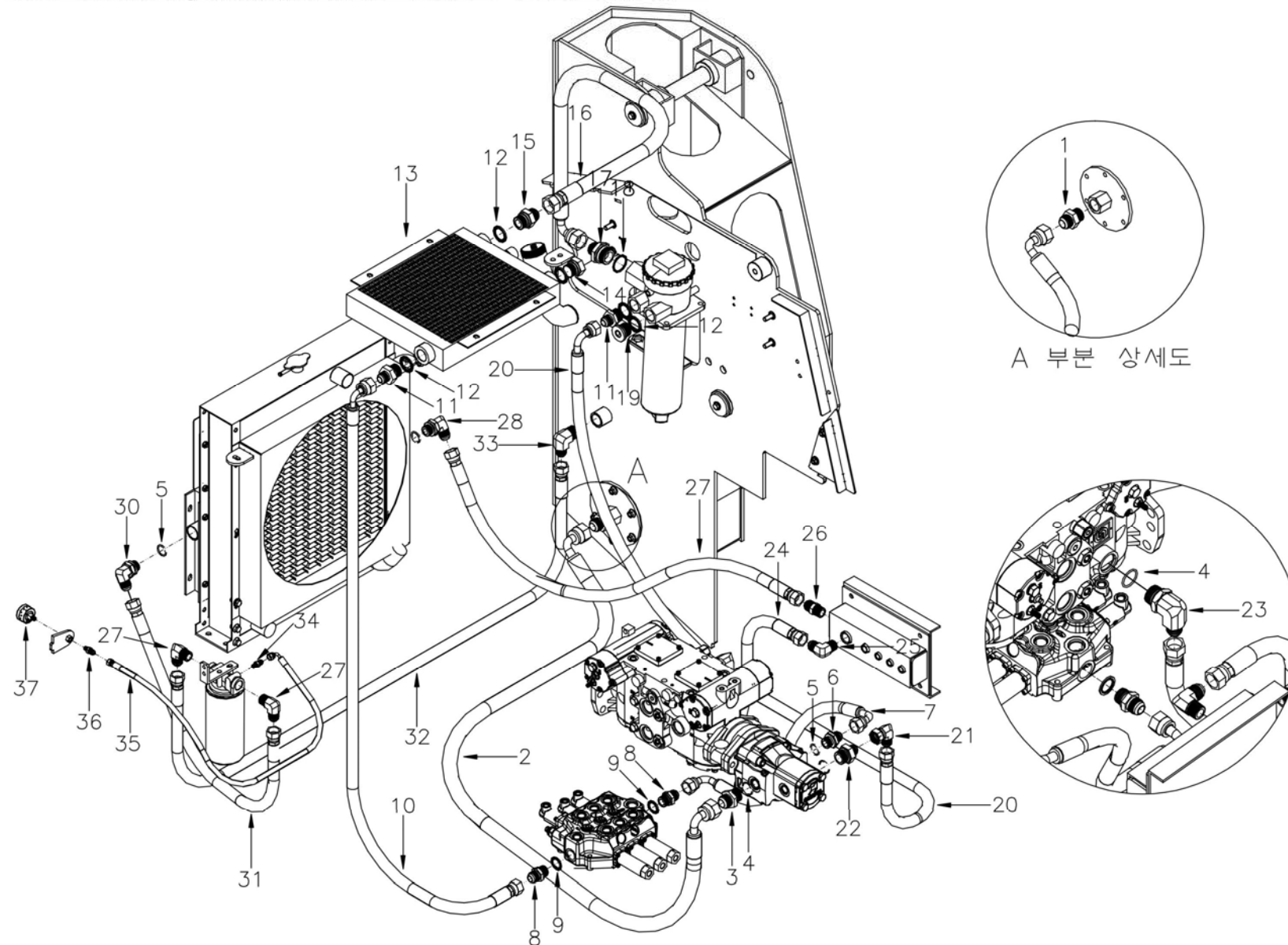
34. Aux. hydraulic line (보조 유압 라인)				
No.	Name	Part No.	Quantity	Remarks
1	Hose nipple ST to control valve (호스 니플 ST, 콘트롤 밸브)	870-3401	2	
2	Bonded seal (본딩씰)	870-3402	2	
3	Hose (control valve*coupling nipple) (호스 (콘트롤 밸브*연결 니플))	870-3403	1	
4	Hose (control valve*coupling nipple) (호스 (콘트롤 밸브*연결 니플))	870-3404	1	
5	Hose nipple (호스 니플)	870-3405	2	
6	Hose (coupling nipple*steel pipe) (호스 (연결 니플*철배관))	870-3406	1	
7	Hose (coupling nipple*steel pipe) (호스 (연결 니플*철배관))	870-3407	1	
8	Nipple ST for steel pipe (철배관 니플 ST)	870-3408	4	
9	Steel pipe (철 배관)	870-3410	2	
10	Clamp (크램프)	870-3409	2	
11	Hose (steel pipe*quick coupling) (호스 (철배관*퀵 커플링))	870-3412	1	
12	Hose (steel pipe*quick coupling) (호스 (철배관*퀵 커플링))	870-3413	1	
13	Hose nipple ST (호스 니플 ST)	870-3414	2	
14	Fixed plate (고정판)	870-3415	1	
15	Nipple L (니플 L)	870-3416	2	
16	Quick coupling, input (퀵 커플링, 입력)	870-3417	1	
17	Quick coupling, output (퀵 커플링, 출력)	870-3418	1	
18	Bolt (볼트)	870-3419	2	

35. Main hydraulic line (메인 유압 라인)



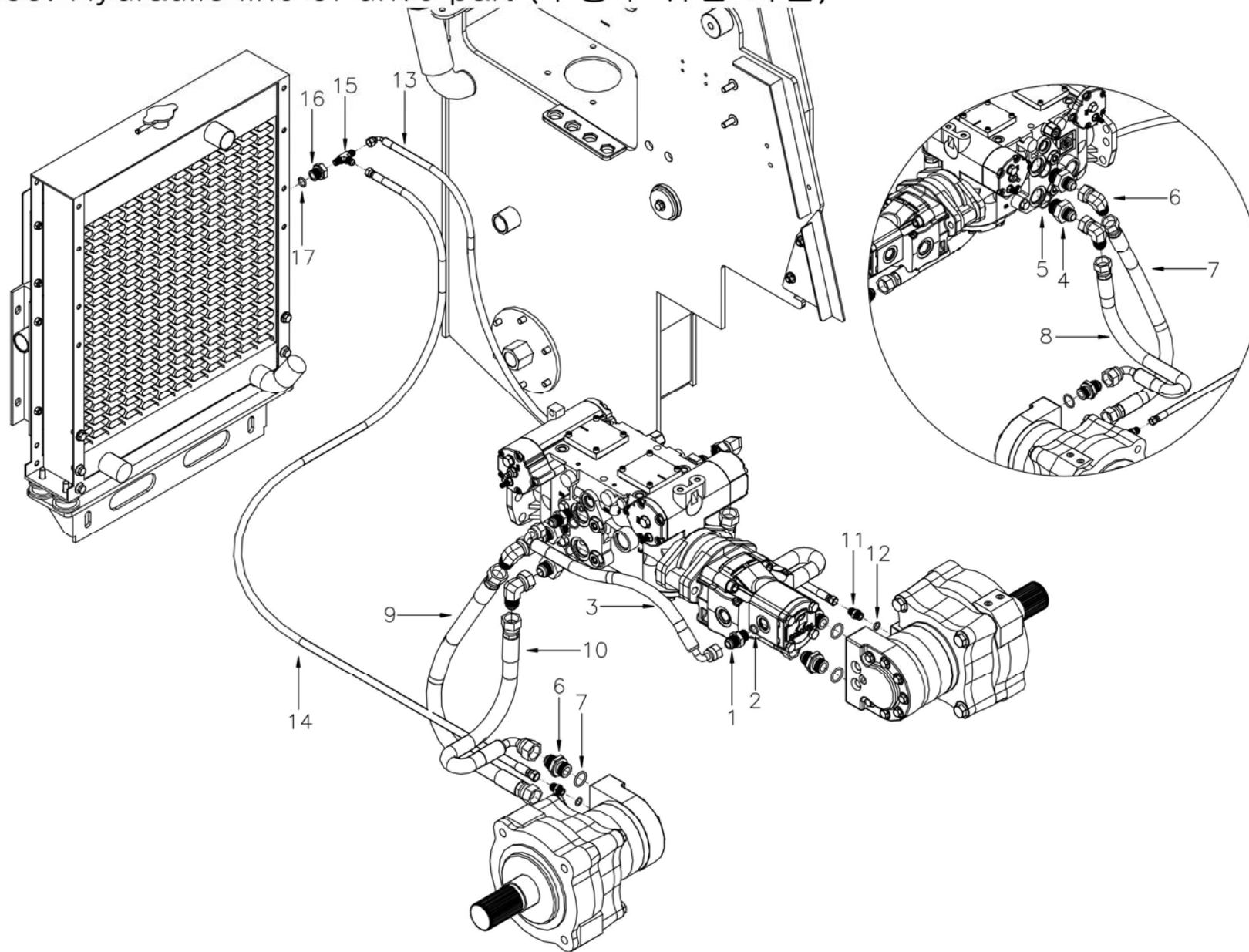
35. Main hydraulic line (메인 유압 라인)				
No.	Name	Part No.	Quantity	Remarks
1	Hose nipple ST for suction filter (석션 필터용 호스 니플 ST)	870-3501	1	
2	Hose (tank*gear pump(input)) (호스 (탱크*기어 펌프,입력))	J870-3502	1	
3	Hose nipple ST for gear pump, input (호스 니플 ST, 기어 펌프 입력)	J870-3503	1	
4	O-ring (오링)	J870-3504	2	
5	O-ring (오링)	870-3505	4	
6	Hose nipple ST for gear pump, output (호스 니플 ST, 기어 펌프 출력)	J870-3506	2	
7	Hose (gear pump, output*control valve, input) (호스 (기어 펌프,출력*콘트롤 밸브, 입력))	J870-3507	1	
8	Hose nipple ST for control valve (호스 니플 ST, 콘트롤 밸브)	J870-3508	2	
9	Bonded seal (본딩씰)	J870-3509	2	
10	Hose (control valve, output*oil cooler) (호스 (콘트롤 밸브, 출력*쿨러))	870-3509	2	
11	Hose nipple ST for (호스 니플 ST, 전기식쿨러 입,복합필터 출)	870-3510	2	
12	Bonded seal (본딩씰)	870-3511	5	
13	Electric cooler (전기식쿨러)	870-3530	1	
14	Cap for electric cooler (마개, 전기식쿨러)	870-3513	1	
15	Hose nipple ST for (호스 니플 ST, 전기식쿨러 출)	870-3512	1	
16	Hose (electric cooler*dual hyd' oil filter) (호스(전기식쿨러 * 복합필터))	870-3514	1	
17	Hose nipple ST for dual hyd' oil filter (호스 니플 ST, 복합 필터 입)	870-3515	1	
18	Bonded seal (본딩드씰)	870-3516	1	
19	Cap for dual hyd' oil filter (마개 (복합필터))	870-3513	1	
20	Hose (output, dual hyd' oil filter*input, charge pump) (호스(복합필터 출* 차지펌프 입))	J870-3520	1	
21	Coupling nipple (연결니플)	870-3518	1	
22	Hose nipple ST for input, charge pump (호스 니플 ST,차지펌프 입)	870-3519	1	
23	Hose nipple EL, drain, drive pump LH*rear (호스 니플 EL, 구동펌프 드레인 좌*후)	J870-3523	1	
24	Hose (drain, drive pump*combined pipe 5) (호스(구동펌프 드레인 * 합류관 5))	J870-3524	1	

35. Main hydraulic line (메인 유압 라인)



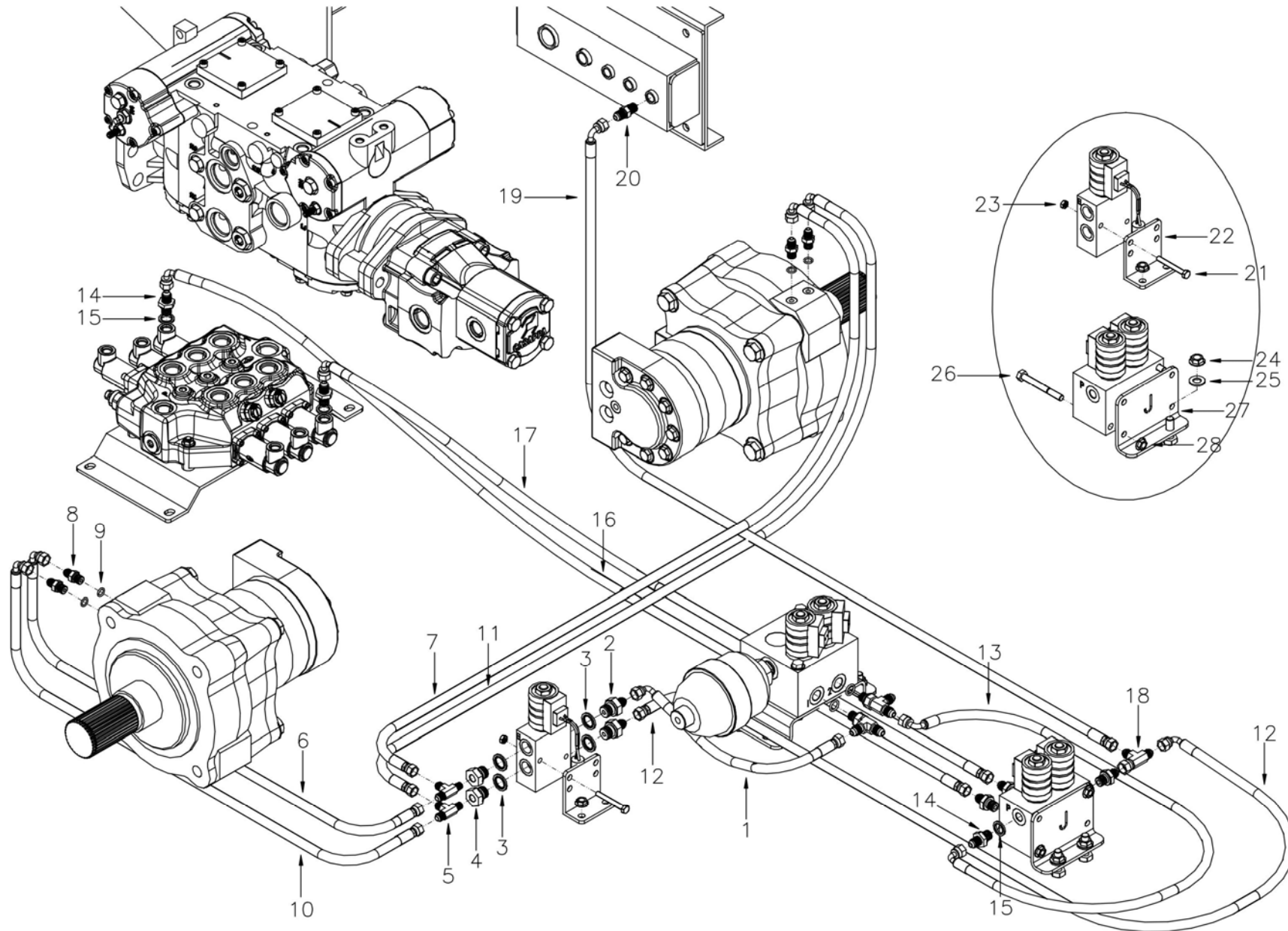
35. Main hydraulic line (메인 유압 라인) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
25	Hose nipple EL, combined pipe 5 (호스 니플 EL, 합류관 5)	J870-3525	1	
26	Hose nipple, output, combined pipe (호스니플, 합류관 출)	J870-3526	1	
27	Hose (output, combined pipe*input, spin-on filter) (호스(합류관 출 * 오일쿨러(입 x 하))	870-3521	1	
28	Hose nipple (input*lower/ output*RH, oil cooler (호스니플 (오일쿨러(입 x 하·좌, 출 x 우))	870-3522	2	
29	Hose (oil cooler*spin-on filter, input) (호스 (오일 쿨러 출 * 리턴필터, 입력))	870-3523	1	
30	Hose nipple L for spin-on filter (호스 니플 L, 리턴필터, 입력, 출력)	870-3524	2	
31	Hose (spin-on filter*dual hyd' oil filter) (호스 (리턴 필터*유압탱크))	870-3525	1	
32	Hose nipple L for spin-on filter (호스 니플 L, 유압탱크)	870-3526	1	
33	Nipple (니플)	870-3527	2	
34	Hose (호스)	870-3528	1	
35	Pressure gauge (압력 게이지)	870-3529	1	

36. Hydraulic line of drive part (구동부 유압 라인)



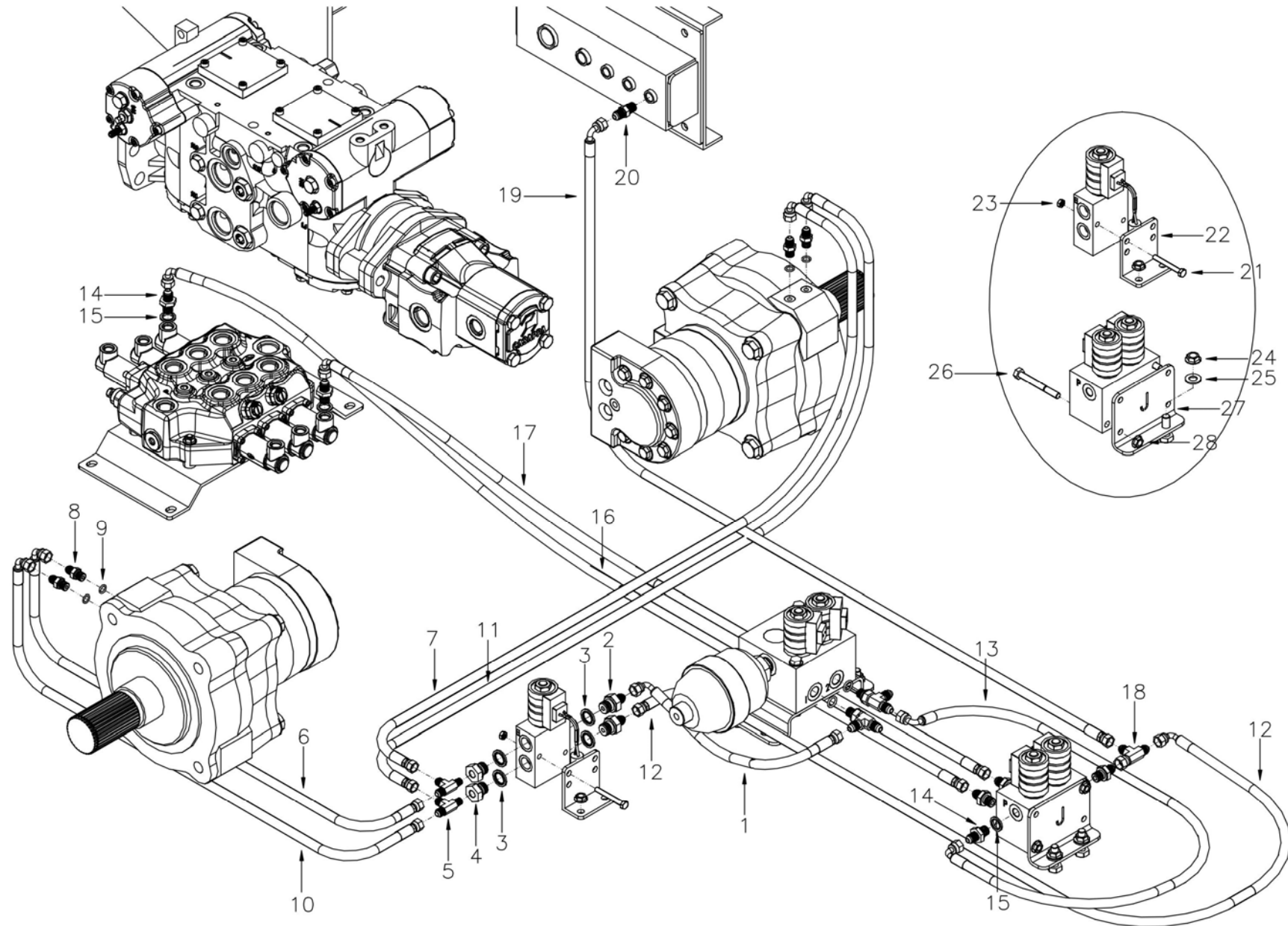
36. Hydraulic line of drive part (구동부 유압 라인)				
No.	Name	Part No.	Quantity	Remarks
1	Hose nipple T for charge pump (충전 펌프 호스 니플)	J870-3601	2	
2	O-ring (오 링)	J870-3602	1	
3	Hose (charge pump 1*charge pump 2) (호스 (충전 펌프 1*충전 펌프 2))	J870-3603	1	
4	Hose nipple ST for drive pump (구동 펌프, 호스니플 ST)	J870-3604	4	
5	O-ring (오 링)	J870-3605	4	
6	Coupling nipple (연결 니플)	J870-3606	4	
7	Hose (drive pump*drive motor LH*lower) (호스(구동 펌프*구동 모터 LH-하))	J870-3607	1	
8	Hose (drive pump*drive motor LH*upper) (호스(구동 펌프*구동 모터 LH-상))	J870-3608	1	
9	Hose (drive pump*drive motor RH*lower) (호스(구동 펌프*구동 모터 RH-하))	J870-3609	1	
10	Hose(drive pump*drive motor RH*upper) (호스(구동 펌프*구동 모터 RH-상))	J870-3610	1	
11	Hose nipple ST for drive motor (구동 모터, 호스니플 ST)	J870-3611	2	
12	O-ring (오 링)	J870-3612	2	
13	Hose (drain, drive motor*input, oil cooler)LH (호스 (구동모터 드레인 * 오일쿨러 입)LH)	J870-3613	1	
14	Hose (drain, drive motor*input, oil cooler)RH (호스 (구동모터 드레인 * 오일쿨러 입)RH)	J870-3614	1	
15	Hose nipple T (drive motor*oil cooler) (호스니플 T(구동 모터*오일쿨러))	J870-3615	1	
16	Coupling nipple (연결 니플)	J870-3616	1	
17	O-ring (오 링)	J870-3617	1	

42. Hydraulic line of hyd' parking brake (유압주차브레이크 유압라인)



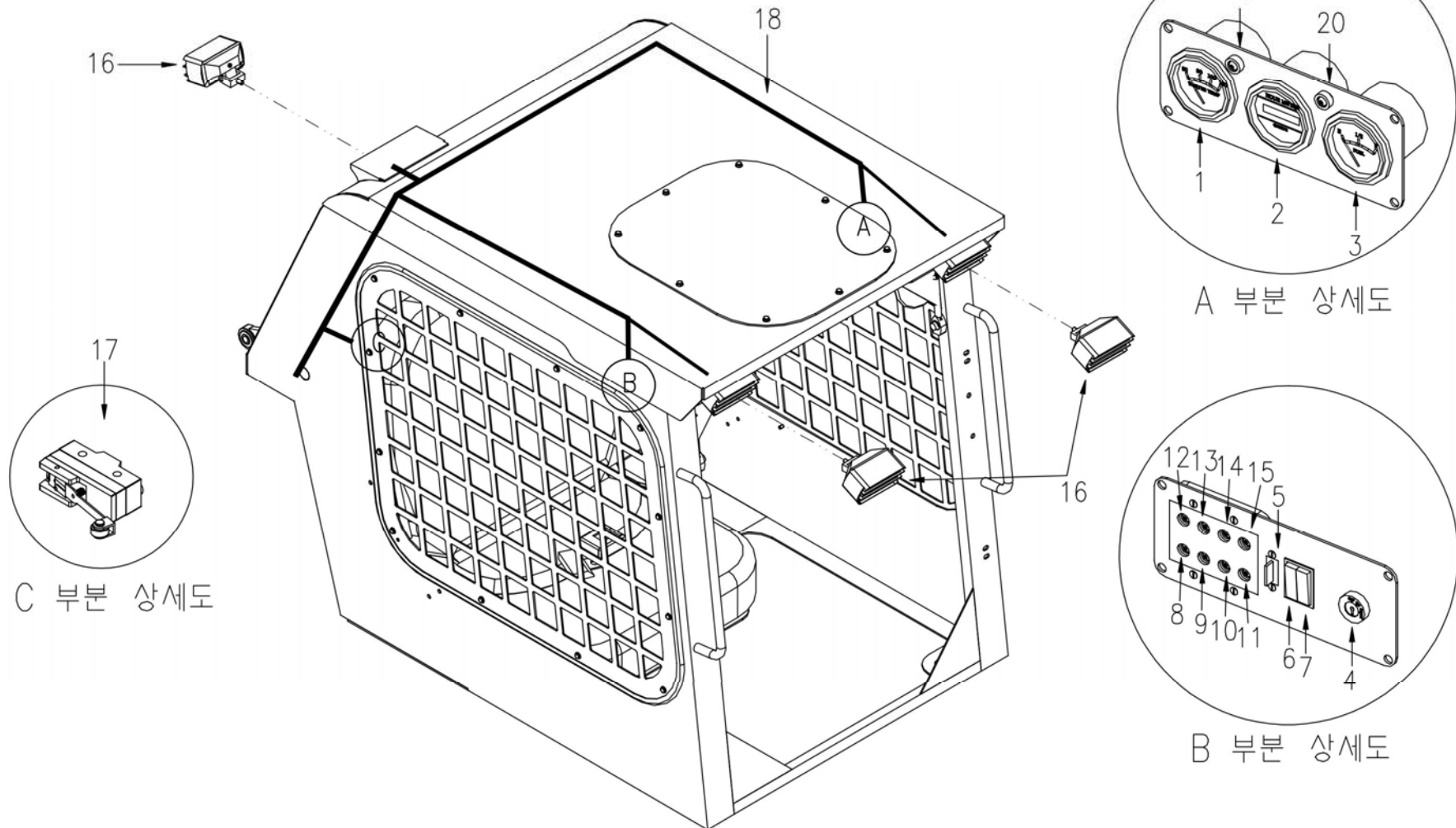
42. Hydraulic line of hyd' parking brake (유압주차브레이크 유압라인)				
No.	Name	Part No.	Quantity	Remarks
1	Hose (main solenoid valve*4way valve) (호스(메인솔밸브*4WAY 밸브))	J870-4201	1	
2	Hose nipple, 4 way valve (호스니뿔(4WAY 밸브))	J870-4202	2	
3	Bonded seal (본디드씸)	J870-4203	4	
4	Coupling nipple (연결 니뿔)	J870-4204	2	
5	Distributing nipple T, motor booster, release (분배니뿔 T, 모터 부스터, 릴리즈)_	J870-4205	2	
6	Hose (distributing nipple T(EL)*RH motor booster) (Hose (호스 (분배니뿔 T (EL) * 우측모터 부스트))	J870-4206	1	
7	Hose (distributing nipple T (ST)*LH motor booster) (Hose (호스(분배니뿔 T (ST) * 좌측모터 부스트))	J870-4207	1	
8	Hose nipple ST, motor booster, release (호스니뿔 ST, 모터부스트, 릴리즈)	J870-4208	4	
9	O-ring (오 링)	J870-4209	4	
10	Hose (distributing nipple T(EL)*RH motor release) (Hose (호스 (분배니뿔 T (EL) * 우측모터 릴리즈))	J870-4210	1	
11	Hose (distributing nipple T (ST)*LH motor release) (Hose (호스(분배니뿔 T (ST) *좌측모터 릴리즈))	J870-4211	1	
12	Hose (aux. hydraulics solenoid valve*4way valve) (호스(보조유압솔밸브*4WAY 밸브))	J870-4212	1	
13	Hose (main solenoid valve T (ST)*aux. hydraulics solenoid valve P) (호스(메인솔밸브 T(ST)*보조유압솔밸브 P))	J870-4213	1	
14	Hose nipple ST, aux. hydraulics solenoid valve (A,B,T,P) (호스니뿔 ST,보조유압 솔밸브 (A,B,T,P))	J870-4214	6	
15	Bonded seal (본디드씸)	J870-4215	6	
16	Hose (control valve*main solenoid valve A) (호스(콘트롤밸브*메인솔밸브 A))	J870-4216	1	
17	Hose (control valve*main solenoid valve B) (호스(콘트롤밸브*메인솔밸브 B))	J870-4217	1	
18	Hose nipple T (combined pipe1*aux. hydraulic solenoid valve,4 way valve) (호스니뿔 T (합류관 1* 보조유압솔밸브,4way 밸브))	J870-4218	1	
19	Hose (aux. hydraulic solenoid valve T*drain, tank) (호스(보조유압솔밸브 T* 합류관 1))	J870-4219	1	
20	Hose nipple ST, combined pipe 1 (호스니뿔 ST(합류관 1))	J870-4220	1	
21	Bolt (볼트)	J870-4221	2	
22	4Way 밸브 고정판	J870-4222	1	
23	Nut (너트)	J870-4223	2	

42. Hydraulic line of hyd' parking brake (유압주차브레이크 유압라인)



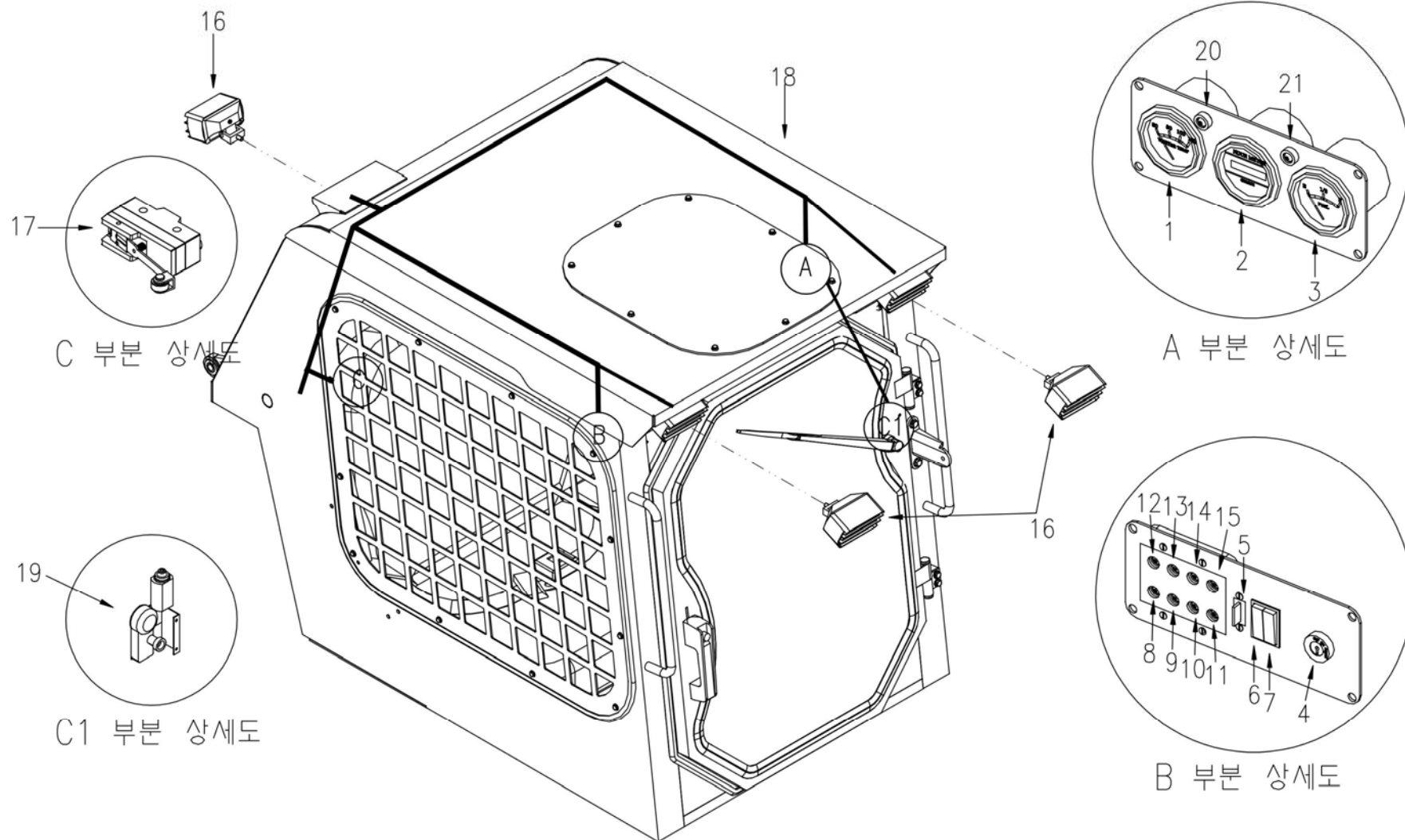
42. Hydraulic line of hyd' parking brake (유압주차브레이크 유압라인) (Cont'd) (계속)				
No.	Name	Part No.	Quantity	Remarks
24	Nut (너트)	J870-4224	2	
25	Washer (와셔)	J870-4225	2	
26	Bolt (볼트)	J870-4226	2	
27	A fixed plate for aux. hydraulics solenoid valve (보조유압솔밸브 고정판)	J870-4227	1	
28	Nut (너트)	J870-4228	2	

37. Instrument panel (계기판)



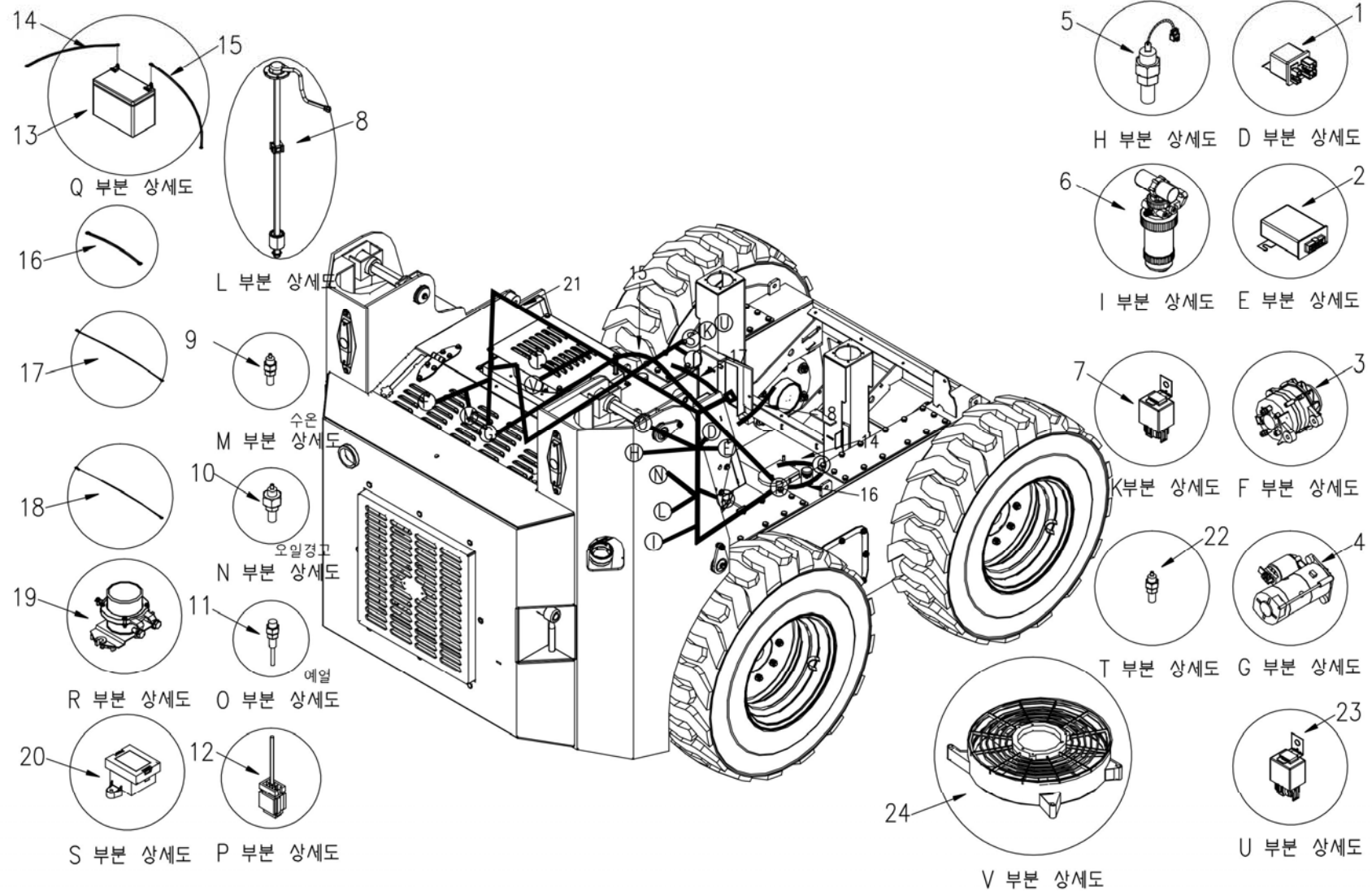
37. Instrument panel (계기판)				
No.	Name	Part No.	Quantity	Remarks
1	Hour meter (시간계)	870-3701	1	
2	Water temperature gauge (수온계)	870-3702	1	
3	Fuel gauge (연료계)	870-3703	1	
4	Ignition switch (점화 스위치)	870-3704	1	
	Key only	870-3704-01	1	
5	Light fuse & panel fuse (라이트 퓨즈 & 계기판 퓨즈)	870-3705	1	
6	Light switch (라이트 스위치)	870-3706	1	
7	Panel switch (계기판 스위치)	870-3707	1	
8	Fuel level warning light (연료 수위 경고등)	870-3708	1	
9	Hydraulic filter warning light (유압 필터 경고등)	870-3709	1	
10	Preheating light (예열등)	870-3710	1	
11	Charging warning light (충전 경고등)	870-3711	1	
12	Parking warning light (주차 경고등)	870-3712	1	
13	Air cleaner warning light (에어크리너 경고등)	870-3713	1	
14	Fuel filter warning light (연료 필터 경고등)	870-3714	1	
15	Engine oil warning light (엔진 오일 경고등)	870-3715	1	
16	Light (라이트)	870-3716	3	
17	Limit switch for safety bar (안전바 리미트 스위치)	870-3717	1	
18	Main wiring harness (메인 배선 조합)	870-3718	1	
19	Direction indicator LH (방향지시등 좌)	870-3719	1	
20	Direction indicator RH (방향지시등 우)	870-3720	1	

37-1. Instrument panel – For cabin type (계기판 – 캐빈형)



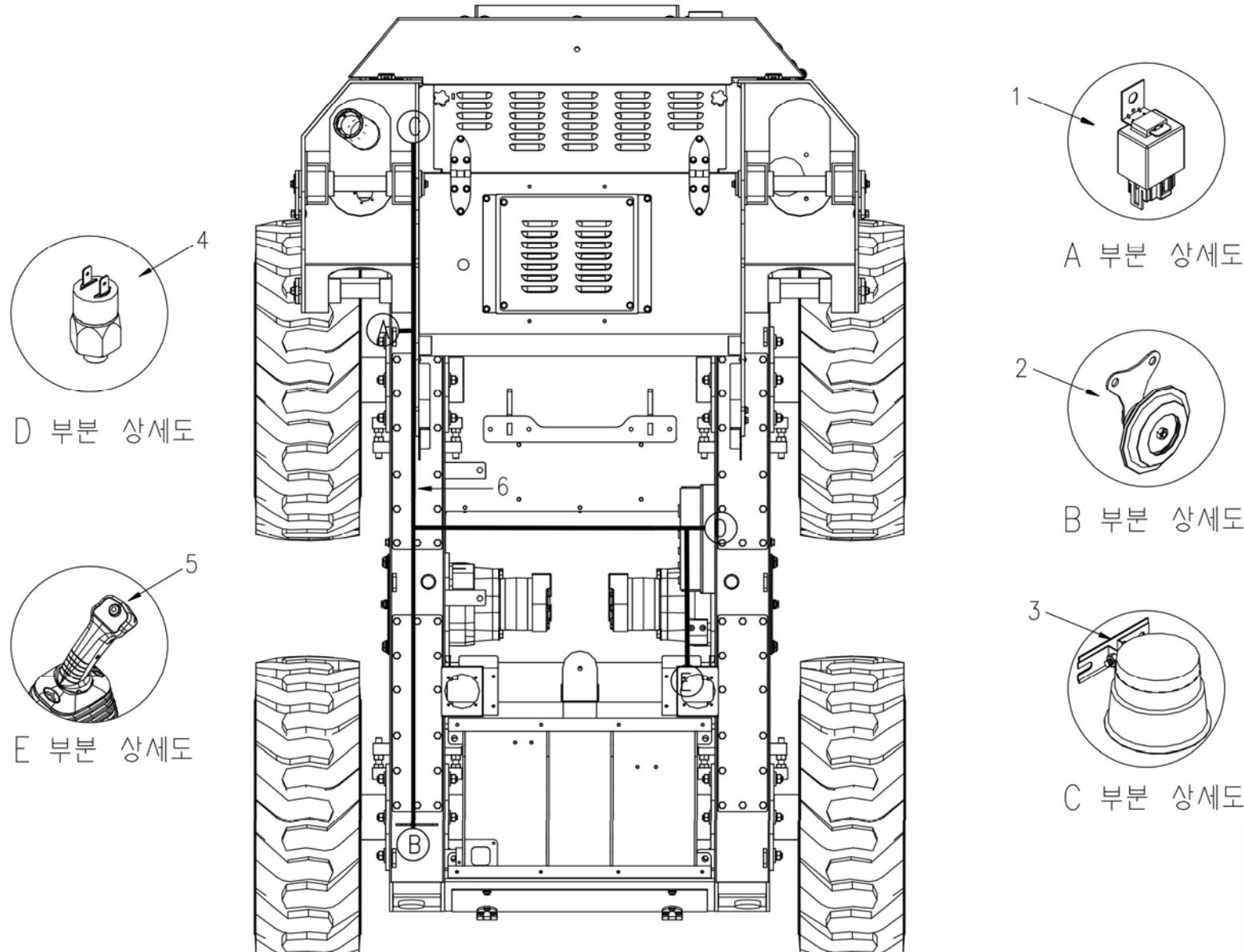
37-1. Instrument panel - For cabin type (계기판 - 캐빈형)				
No.	Name	Part No.	Quantity	Remarks
1	Hour meter (시간계)	870-3701	1	
2	Water temperature gauge (수온계)	870-3702	1	
3	Fuel gauge (연료계)	870-3703	1	
4	Ignition switch (점화 스위치)	870-3704	1	
5	Light fuse & panel fuse (라이트 퓨즈 & 계기판 퓨즈)	870-3705	1	
6	Light switch (라이트 스위치)	870-3706	1	
7	Panel switch (계기판 스위치)	870-3707	1	
8	Fuel level warning light (연료 수위 경고등)	870-3708	1	
9	Hydraulic filter warning light (유압 필터 경고등)	870-3709	1	
10	Preheating light (예열등)	870-3710	1	
11	Charging warning light (충전 경고등)	870-3711	1	
12	Parking warning light (주차 경고등)	870-3712	1	
13	Air cleaner warning light (에어크리너 경고등)	870-3713	1	
14	Fuel filter warning light (연료 필터 경고등)	870-3714	1	
15	Engine oil warning light (엔진 오일 경고등)	870-3715	1	
16	Light (라이트)	870-3716	3	
17	Limit switch for safety bar (안전바 리미트 스위치)	870-3717	1	
18	Wiring harness for operator's cab (안전탑 배선 조합)	870-3718-01	1	
19	Motor ass'y for window brush (윈도우 브러쉬용 모터)	870-3721	2	
20	Direction indicator LH (방향지시등 좌)	870-3719	1	
21	Direction indicator RH (방향지시등 우)	870-3720	1	

38. Electrical system (전기 장치)



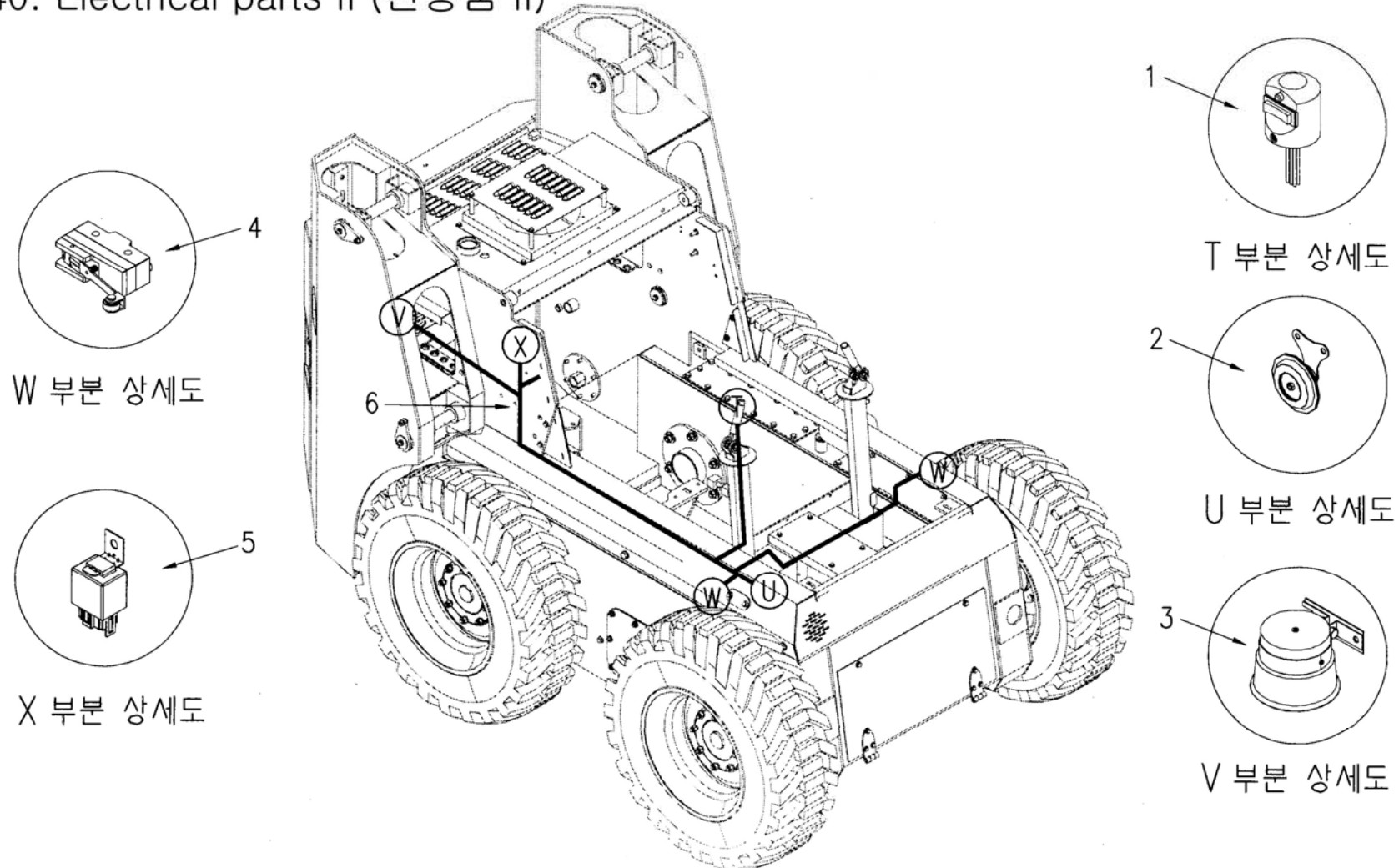
38. Electrical system - For Perkins (전기 장치 - 퍼킨스용)				
No.	Name	Part No.	Quantity	Remarks
1	Preheating relay (예열 릴레이)	870-3801	1	
2	Preheating control box (예열 조정기)	870-3802	1	
3	Alternator (알터네이터)	870-3803	1	
4	Starter (시동 모터)	870-3804	1	
5	Stop solenoid valve (정지 솔레노이드 밸브)	870-3805	1	
6	Fuel pump (연료 펌프)	870-3806	1	
7	Relay (릴레이)	870-3807	1	
8	Fuel sensor (연료 센서)	870-3808	1	
9	Water temperature sensor (수온 센서)	870-3809	1	
10	Oil pressure sensor (오일 압력 센서)	870-3810	1	
11	Preheating plug (예열 플러그)	870-3811	4	
12	Relay (릴레이)	870-3812	1	
13	Battery (배터리)	870-3813	1	
14	Battery - line (배터리 -선)	870-3814	1	
15	Battery + line (배터리 +선)	870-3815	1	
16	Coupling line (battery*disconnecting switch) (연결선 (배터리*전원차단기))	870-3816	1	
17	Coupling line (frame*engine) (연결선 (프레임*엔진))	870-3817	1	
18	Coupling line (frame*operator's cab) (연결선 (프레임*안전탑))	870-3818	1	
19	Disconnecting switch (전원 차단기)	870-3819	1	
20	Fuse box (퓨즈 박스)	870-3820	1	
21	Main wiring harness (메인 배선 조합)	870-3821	1	
22	Switch for cooling fan (냉각팬 스위치)	870-3822	1	
23	Relay (릴레이)	870-3823	1	
24	Cooling fan (냉각팬)	870-3824	1	

39. Electrical parts – Front horn and back up alarm (전장품 – 혼 및 백업알람)



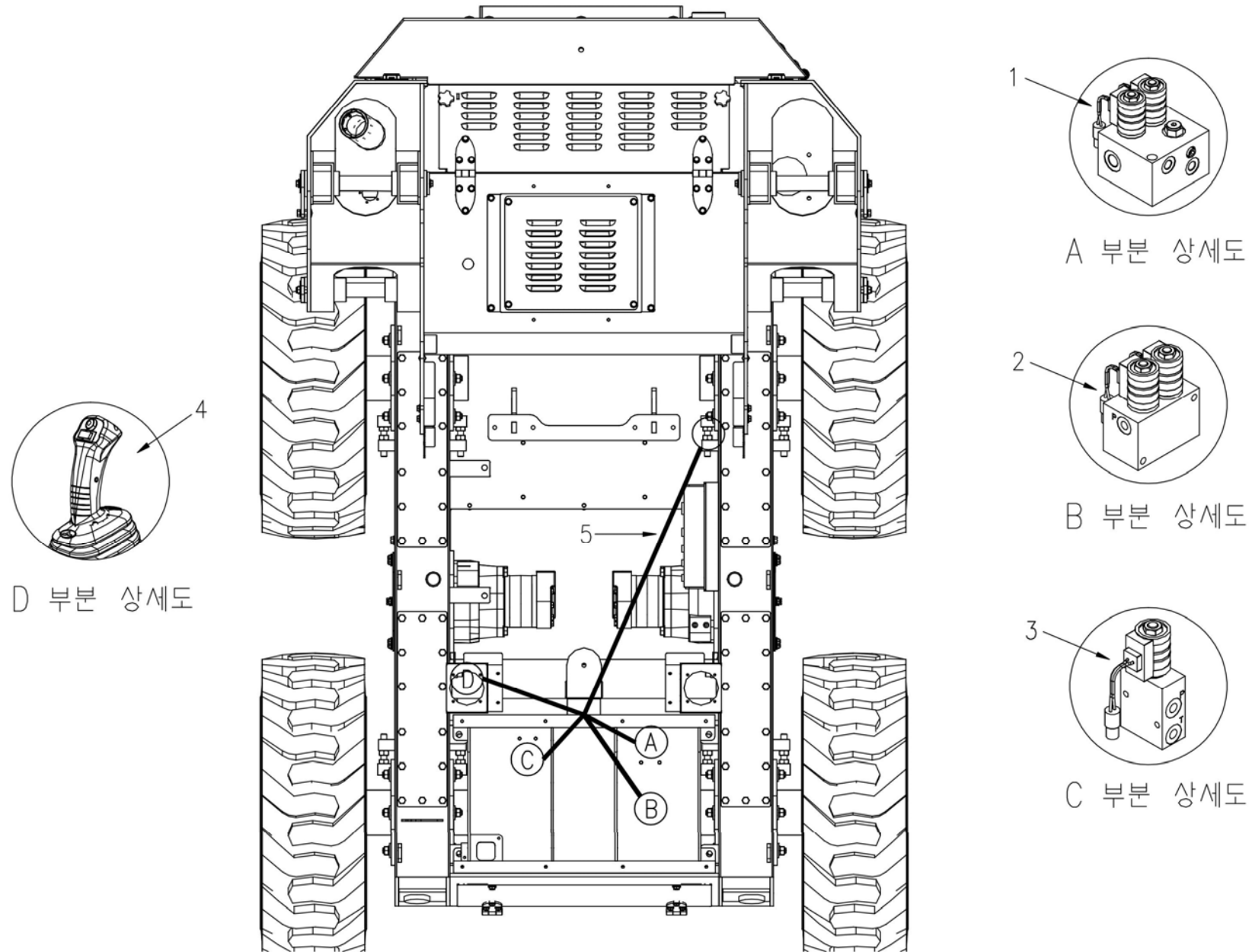
39. Electrical parts - Front horn and back up alarm (전장품 - 혼 및 백업알람)				
No.	Name	Part No.	Quantity	Remarks
1	Front horn switch ass'y (혼 스위치 조합)	870-3901	1	
2	Front horn (혼)	870-3902	1	
3	Back up alarm (백업 알람)	870-3903	1	
4	Limit switch for back up alarm (백업 알람용 리미트 스위치)	870-3904	2	
5	Relay (릴레이)	870-3905	1	
6	Wiring harness for front horn & back up alarm (혼 및 백업알람 배선)	870-3906	1	

40. Electrical parts II (전장품 II)

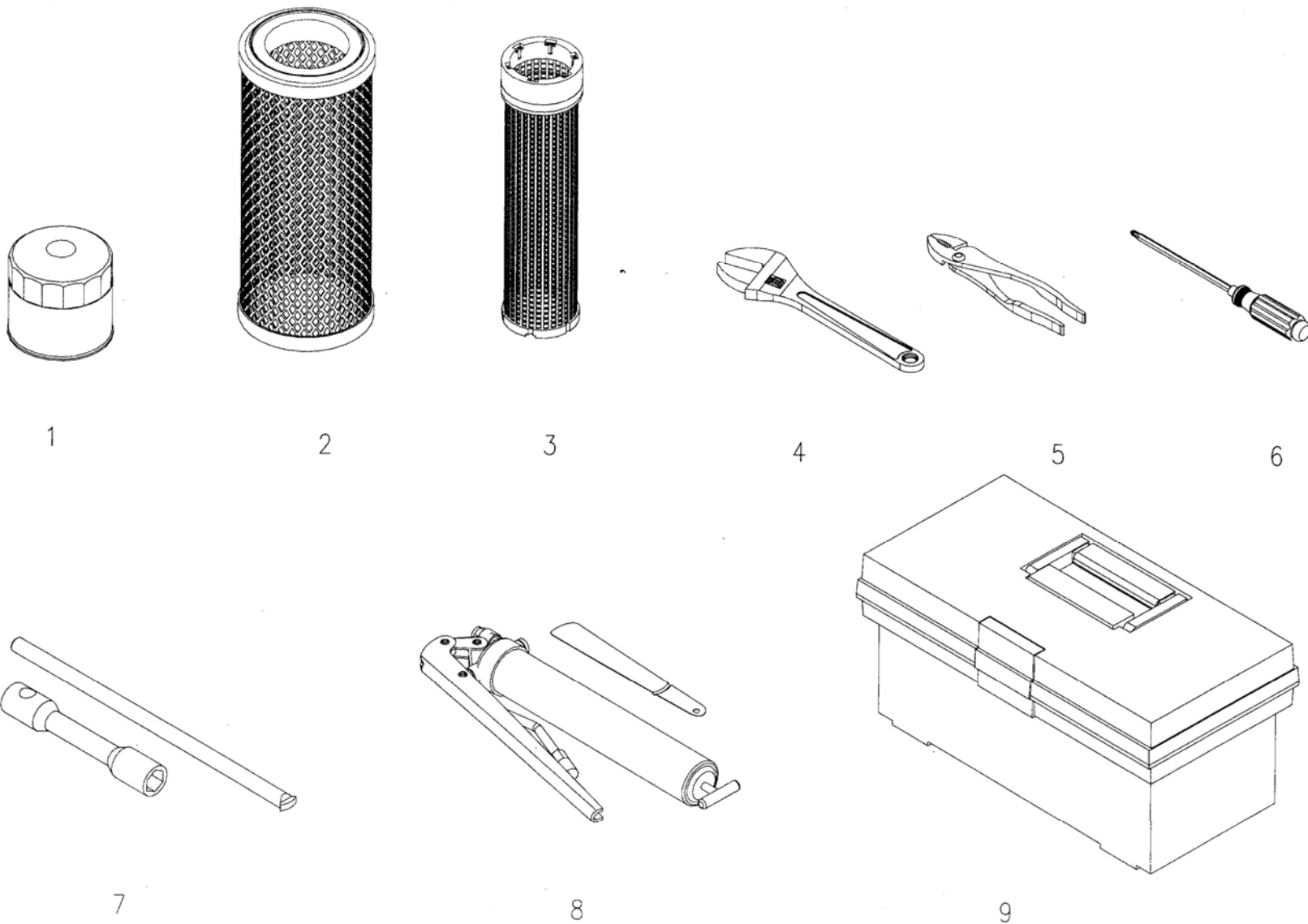


40. Electrical parts II (전장품 II)				
No.	Name	Part No.	Quantity	Remarks
1	Horn switch, Joystick (조이스틱 혼 스위치)	J870-4001	1	
2	Front horn (혼)	870-4002	1	
3	Back up alarm (백업 알람)	870-4003	1	
4	Pressure switch (압력스위치)	J870-4004	1	
5	Relay (릴레이)	870-4005	2	
7	Relay (릴레이)	870-4007	1	
8	Direction indicator ass'y, rear (뒤쪽 방향 지시등 조합)	870-4008	1	
9	Direction indicator ass'y, front (앞쪽 방향 지시등 조합)	870-4009	2	
10	Wiring harness for front horn, backup alarm and direction indicator (프론트 혼, 백업알람 및 방향지시등 배선조합)	870-4010	2	

41. Wiring harness for pilot solenoid (파일럿 솔레노이드 배선)



41. Wiring harness for pilot solenoid (파일럿 솔레노이드 배선)				
No.	Name	Part No.	Quantity	Remarks
1	Solenoid valve, joystick (솔레노이드 밸브, 조이스틱)	J870-4101	1	
2	Solenoid valve, aux. hydraulics (솔레노이드 밸브, 보조유압)	J870-4102	1	
3	Solenoid valve, brake (솔레노이드 밸브, 브레이크)	J870-4103	1	
4	Joystick (조이스틱)	J870-4104	1	
5	Wiring harness for safety device (안전장치배선)	J870-4105	1	



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