SQ SERIES

Q111930 2010.12.21

SOOSAN HYDRAULIC BREAKER

PARTS LIST


SOOSAN

FOREWORD

This parts list is composed of all parts of SQ-Series breaker.
If you want to order parts, write down the followings and contact near service center.

a. Model Name :

b. Model Serial No. :

c. Parts No. and Parts Name :

d. Quantity :

e. Customer's Name and Address :

Please use genuine parts of SOOSAN to maintain the machine performance as a new one.
Take notice that SOOSAN won't guarantee the defects which may occur by using different parts from SOOSAN genuine parts.

☞ For the contents of this parts list, alteration is reserved without prior notice for the future improvement.

SOOSAN HEAVY INDUSTRIES CO., LTD.

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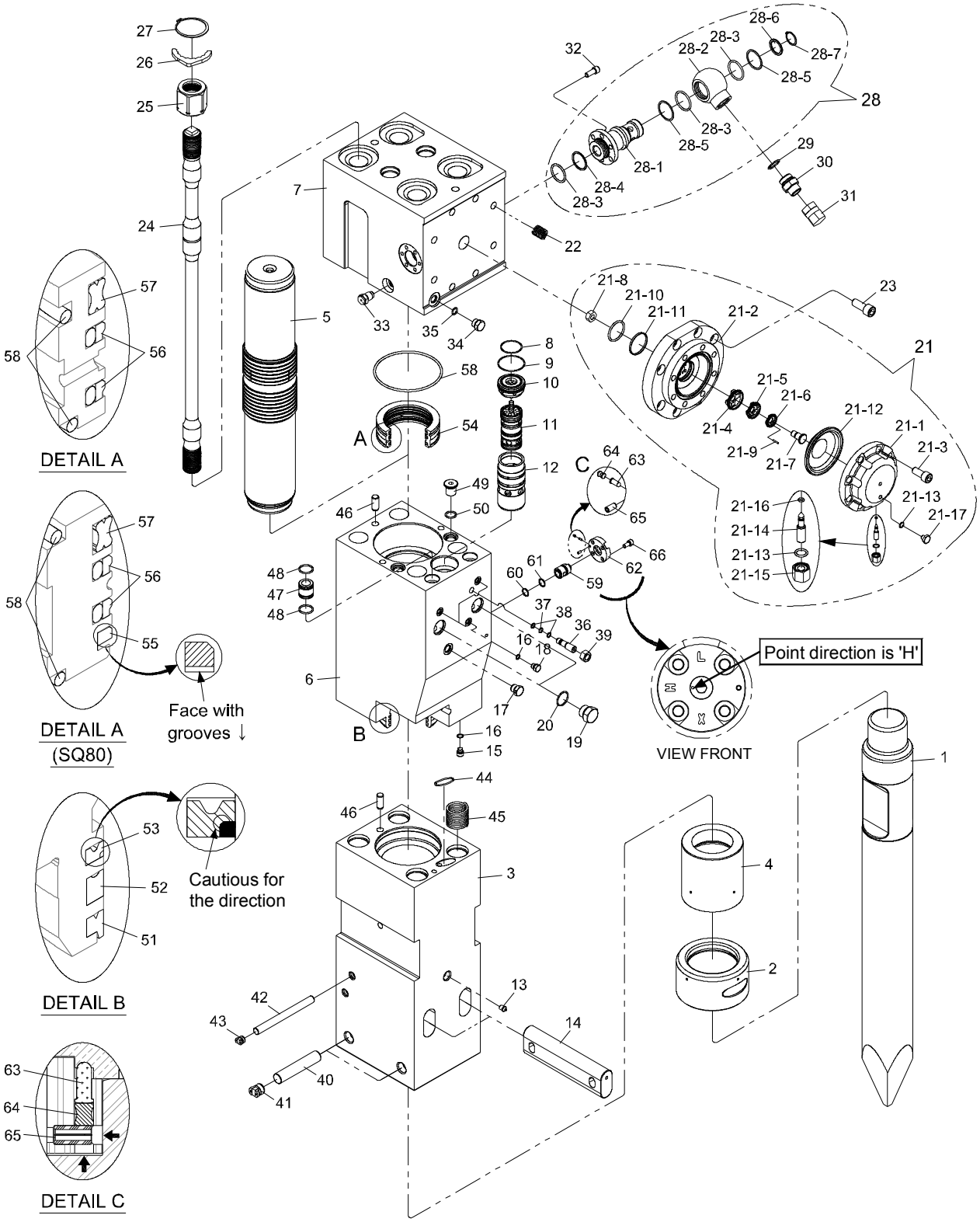
OPERATION MANUAL

PART LIST

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1. Main Body

▣ SQ60,70,80



■ MAIN BODY (SQ60 ~ SQ80)

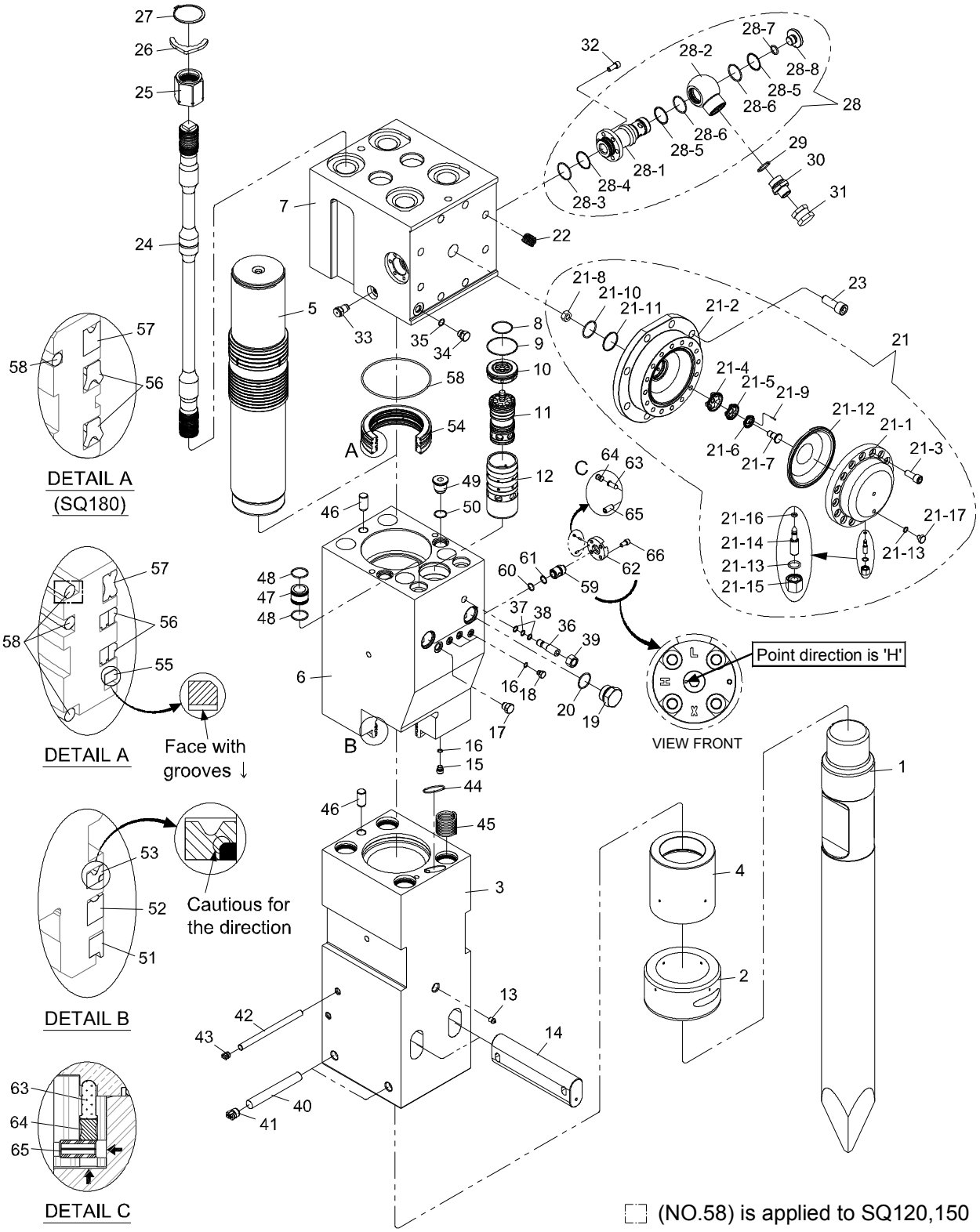
NO	SQ60 (#001~)		SQ70 (#001~)		SQ80 (#001~)		PARTS NAME	REMARK
	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty		
	Q51 001	1Set	Q61 001	1Set	Q21 001	1Set	Main Body Assembly	
1	C21 114	1	L01 118	1	C31 211	1	Rod (Moil Type)	
2	C21 146	1	L01 123	1	C31 185	1	Front Cover	
3	Q51 102	1	Q61 102	1	Q21 102	1	Front Head	
4	C21 151	1	L01 110	1	C31 225	1	Ring Bush	
5	C21 172	1	L01 146	1	Q21 105	1	Piston	
6	Q51 101	1	Q61 101	1	Q21 101	1	Cylinder	
7	Q51 103	1	Q61 103	1	Q21 103	1	Back Head	
8	2851205	1	2851206	1	2851207	1	O - Ring	
9	2851208	1	2851209	1	2851210	1	O - Ring	
10	C21 107	1	L01 108	1	C31 172	1	Valve Plug	
11	C21 108	1	L01 106	1	C31 171	1	Valve	
12	C21 109	1	L01 107	1	C31 173	1	Valve Sleeve	
13	2700411	1	2700411	1	2700411	1	Grease Nipple	
14	C21 153	2	L01 116	2	C31 226	2	Rod Pin	
15	U81 307	1	U81 307	1	U81 307	1	Socket Plug	
16	2851010	4	2851010	5	2851010	5	O - Ring	
17	C01 162	1	C01 162	1	C01 162	1	Air Check Valve	
18	Q11 191	3	Q11 191	3	Q11 191	3	Hex Head Plug	
19	2702195	2	2702195	2	2702196	2	Hex Head Plug - 01	
20	2851028	4	2851028	4	2851038	2	O - Ring	
21	Q61 105	1	Q61 105	1	Q71 107	1	Accumulator	
-1	Q61 107	1	Q61 107	1	C31 155	1	Accumulator Cover	
-2	Q61 106	1	Q61 106	1	Q71 108	1	Accumulator Body	
-3	4011366	8	4011366	8	4011366	12	Socket Bolt	
-4	C61 141	1	C61 141	1	C61 141	1	Holder A	
-5	C61 142	1	C61 142	1	C61 142	1	Holder B	
-6	C61 143	1	C61 143	1	C61 143	1	Holder C	
-7	C61 144	1	C61 144	1	C61 144	1	Holder Pin	
-8	U81 338	1	U81 338	1	U81 338	1	Holder Nut	
-9	C61 145	1	C61 145	1	C61 145	1	Center Pin	
-10	2851051	1	2851051	1	2851051	1	O - Ring	
-11	2844901	1	2844901	1	2844901	1	Back - Up Ring	
-12	C11 226	1	C11 226	1	U81 253	1	Diaphragm	
-13	2850014	2	2850014	2	2850014	2	O - Ring	
-14	U81 266	1	U81 266	1	U81 266	1	Charging Valve	
-15	U81 275	1	U81 275	1	U81 275	1	O - Ring Cap	
-16	2850003	1	2850003	1	2850003	1	O - Ring	
-17	U81 276	1	U81 276	1	U81 276	1	O - Ring Plug	
22	4130039	8	4130039	8	4130039	8	Helisert Coil	
23	4011147	8	4011147	8	4011147	8	Socket Bolt	
24	Q51 108	4	Q61 108	4	Q21 106	4	Through Bolt	
25	Q51 109	4	Q61 109	4	Q21 107	4	Hex Nut	
26	Q51 110	4	Q61 110	4	Q41 107	4	Stopper	
27	4400041	4	4400043	4	4400045	4	Snap Ring	

■ MAIN BODY (SQ60 ~ SQ80)

NO	SQ60 (#001~)		SQ70 (#001~)		SQ80 (#001~)		PARTS NAME	REMARK
	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty		
	Q51 001	1Set	Q61 001	1Set	Q21 001	1Set	Main Body Assembly	
28	Q21 108	2	Q21 108	2	Q21 108	2	Swivel Adapter	
- 1	Q21 109	1	Q21 109	1	Q21 109	1	Shaft	
- 2	Q21 110	1	Q21 110	1	Q21 110	1	Housing	
- 3	2851040	3	2851040	3	2851040	3	O - Ring	
- 4	2841228	1	2841228	1	2841228	1	Back - Up Ring	
- 5	2841315	2	2841315	2	2841315	2	Back - Up Ring	
- 6	Q21 000	1	Q21 000	1	Q21 000	1	Swivel Washer	
- 7	4400023	1	4400023	1	4400023	1	C Type Stop Ring	
29 ★	**A**(2851028)	(2)	**A**(2851028)	(2)	2851028	2	O - Ring	
30	2710315	2	2710315	2	2710315	2	H/Adapter - 01	
31	2715004	2	2715004	2	2715004	2	Union Cap	
32	4011074	12	4011074	12	4011074	12	Socket Bolt	
33	C51 191	1	C51 191	1	C51 191	1	Charging Valve	
34	2702193	1	2702193	1	2702193	1	Hex Head Plug - 01	
35	2851017	1	2851017	1	2851017	1	O - Ring	
36	C21 149	1	C31 210	1	C31 210	1	Valve Adjuster	
37 ★	2851007	1	**B**(2851010)	(1)	**B**(2851010)	(1)	O - Ring	
38	2841218	2	2841217	2	2841217	2	Back - Up Ring	
39	4101305	1	4101306	1	4101306	1	Hex Nut	
40	C11 128	2	C11 128	2	Q21 114	2	Front head Pin	
41	D81 150	2	D81 150	2	C31 247	2	Rubber Plug	
42	C21 115	2	C21 115	2	C31 127	2	Stop Pin	
43	D81 151	2	D81 151	2	C31 246	2	Rubber Plug	
44	2851204	1	2851204	1	2851204	1	O - Ring	
45	Q51 111	4	Q61 111	4	Q21 112	4	Helisert Coil	
46	C21 173	2	C21 173	2	C21 173	2	Knock Pin	
47	Q61 112	2	Q61 112	2	Q21 113	2	PTFE Tube	
48	2851027	4	2851027	4	2851034	4	O - Ring	
49	C21 106	2	C21 106	2	C31 123	2	Socket Plug	
50	2850021	2	2850021	2	2850024	2	O - Ring	
51	2831073	1	2831018	1	2831103	1	Dust Seal	
52	2811007	1	2811014	1	2811071	1	U - Packing	
53	2833019	1	2833013	1	2833003	1	Buffer Seal	
54	C21 104	1	L01 109	1	C31 111	1	Seal Retainer	
55	-	-	-	-	2819051	1	Buffer Seal	
56	2811049	2	2811066	2	2811076	2	Step Seal	
57	2835043	1	2835034	1	2835044	1	Gas Seal	
58	2851226	3	2851229	3	2851232	3	O - Ring	
59	Q31 111	1	Q31 111	1	Q31 111	1	Select Valve	
60	2851201	1	2851201	1	2851201	1	O - Ring	
61	2842201	1	2842201	1	2842201	1	Back up Ring	
62	Q31 110	1	Q31 110	1	Q31 110	1	Valve Cover	
63	Q31 112	1	Q31 112	1	Q31 112	1	Select Pin	
64	Q31 113	1	Q31 113	1	Q31 113	1	Rubber Spring	
65	4300080	1	4300080	1	4300080	1	Spring Pin	
66	4010060	4	4010060	4	4010060	4	Socket Bolt	

★ Part No. A( ) is same with No.20 / Part No. B( ) is same with No.16 [※ The quantity( ) is included in No.20, No.16]

▣ SQ100,120,130,140,150,180



■ MAIN BODY (SQ100 ~ SQ180)

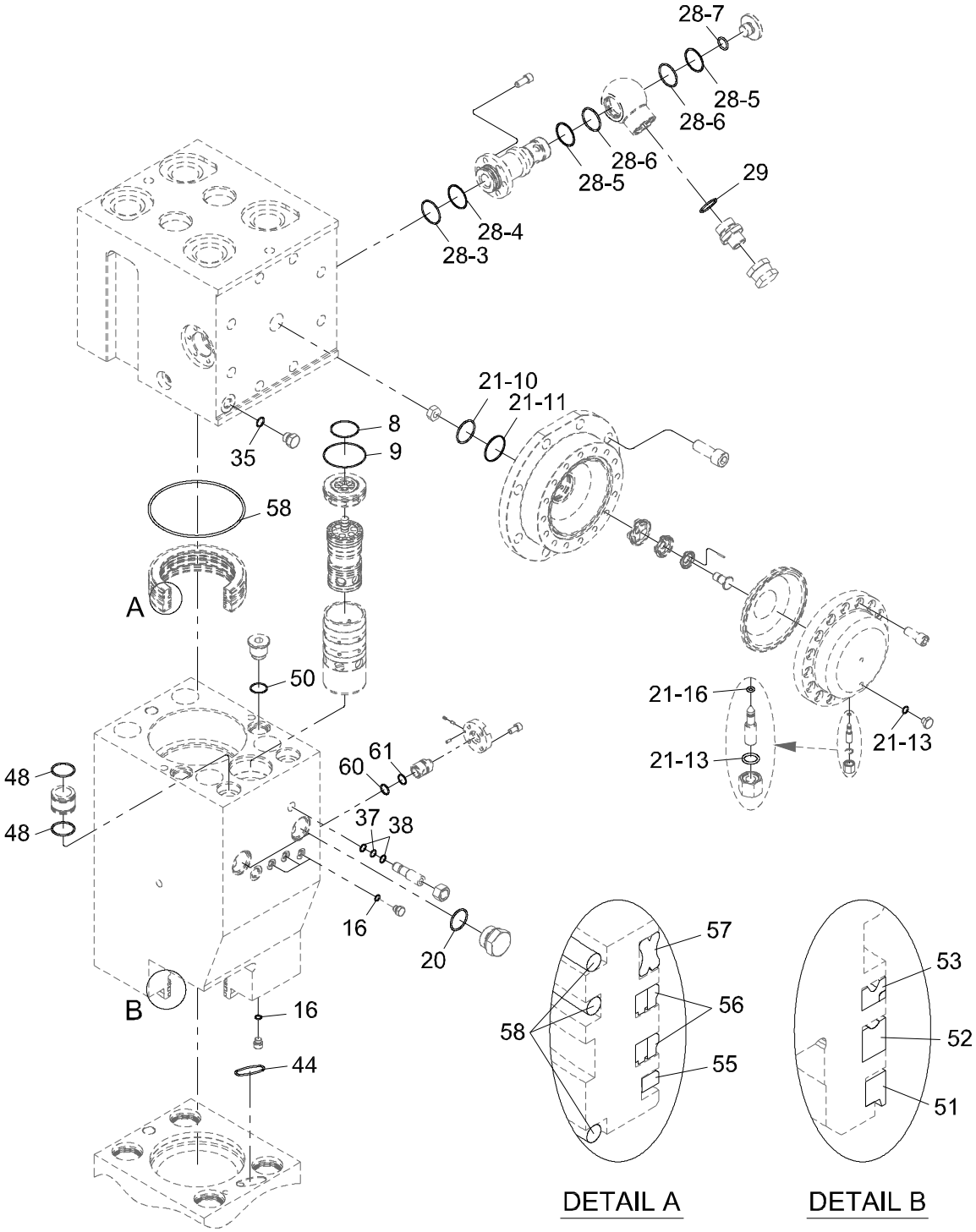
NO	SQ100 (#001~)		SQ120 (#001~)		SQ130 (#001~)		SQ140 (#011~)		SQ150 (#011~)		SQ180 (#011~)		PARTS NAME	REMARK
	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty		
	Q71 001	1Set	Q81 001	1Set	Q41 001	1Set	Q01 002	1Set	Q31 002	1Set	Q11 002	1Set	Main Body Assembly	
1	E91 113	1	C61 227	1	D81 115	1	D81 115	1	C71 157	1	Q11 116	1	Rod (Moil Type)	
2	E91 122	1	C61 213	1	D81 125	1	D81 125	1	C71 169	1	Q11 108	1	Front Cover	
3	Q71 102	1	Q81 102	1	Q41 102	1	Q01 152	1	Q31 124	1	Q11 152	1	Front Head	
4	E91 111	1	C61 241	1	D81 124	1	D81 124	1	C71 167	1	Q11 109	1	Ring Bush	
5	E91 136	1	C61 277	1	D81 174	1	L21 119	1	C71 199	1	Q11 166	1	Piston	
6	Q71 101	1	Q81 101	1	Q41 101	1	Q01 151	1	Q31 122	1	Q11 151	1	Cylinder	
7	Q71 103	1	Q81 103	1	Q41 103	1	Q01 153	1	Q31 103	1	Q11 153	1	Back Head	
8	2851207	1	2851207	1	2851207	1	2851209	1	2851212	1	2851213	1	O - Ring	
9	2851210	1	2851213	1	2851212	1	2851215	1	2851216	1	2851217	1	O - Ring	
10	E91 109	1	C61 110	1	D81 112	1	L21 108	1	C71 204	1	Q11 107	1	Valve Plug	
11	E91 107	1	C61 112	1	D81 111	1	L21 106	1	C71 202	1	Q11 105	1	Valve	
12	E91 108	1	C61 111	1	D81 113	1	L21 107	1	C71 203	1	Q11 106	1	Valve Sleeve	
13	2700411	1	2700411	1	2700411	1	2700411	1	2700411	1	2700411	1	Grease Nipple	
14	E91 119	2	C61 252	2	C61 252	2	L21 116	2	C71 177	2	Q11 120	2	Rod Pin	
15	U81 307	1	U81 307	1	U81 307	1	U81 307	1	U81 307	1	U81 307	1	Socket Plug	
16	2851010	5	2851010	4	2851010	4	2851010	4	2851010	4	2851010	4	O - Ring	
17	C01 162	1	C01 162	1	C01 162	1	C01 162	1	C01 162	1	C01 162	1	Air Check Valve	
18	Q11 191	3	Q11 191	3	Q11 191	3	Q11 191	3	Q11 191	3	Q11 191	3	Hex Head Plug	
19	2702196	2	2702197	2	2702197	2	2702197	2	2702197	2	2702197	2	Hex Head Plug - 01	
20	2851038	4	2851043	6	2851043	6	2851043	6	2851043	6	2851043	8	O - Ring	
21	Q71 107	1	Q41 108	1	Q41 108	1	Q41 108	1	Q31 107	1	Q31 107	1	Accumulator	
- 1	C31 155	1	C61 140	1	C61 140	1	C61 140	1	C71 112	1	C71 112	1	Accumulator Cover	
- 2	Q71 108	1	Q41 109	1	Q41 109	1	Q41 109	1	Q31 108	1	Q31 108	1	Accumulator Body	
- 3	4011366	12	4011108	16	4011108	16	4011108	16	4011147	16	4011147	16	Socket Bolt	
- 4	C61 141	1	C61 141	1	C61 141	1	C61 141	1	C71 115	1	C71 115	1	Holder A	
- 5	C61 142	1	C61 142	1	C61 142	1	C61 142	1	C71 116	1	C71 116	1	Holder B	
- 6	C61 143	1	C61 143	1	C61 143	1	C61 143	1	C71 117	1	C71 117	1	Holder C	
- 7	C61 144	1	C61 144	1	C61 144	1	C61 144	1	C71 118	1	C71 118	1	Holder Pin	
- 8	U81 338	1	U81 338	1	U81 338	1	U81 338	1	U81 338	1	U81 338	1	Holder Nut	
- 9	C61 145	1	C61 145	1	C61 145	1	C61 145	1	C71 114	1	C71 114	1	Center Pin	
- 10	2851051	1	2851051	1	2851051	1	2851051	1	2851059	1	2851059	1	O - Ring	
- 11	2844901	1	2844901	1	2844901	1	2844901	1	2841005	1	2841005	1	Back - Up Ring	
- 12	U81 253	1	C61 139	1	C61 139	1	C61 139	1	C71 113	1	C71 113	1	Diaphragm	
- 13	2850014	2	2850014	2	2850014	2	2850014	2	2850014	2	2850014	2	O - Ring	
- 14	U81 266	1	U81 266	1	U81 266	1	U81 266	1	U81 266	1	U81 266	1	Charging Valve	
- 15	U81 275	1	U81 275	1	U81 275	1	U81 275	1	U81 275	1	U81 275	1	O - Ring Cap	
- 16	2850003	1	2850003	1	2850003	1	2850003	1	2850003	1	2850003	1	O - Ring	
- 17	U81 276	1	U81 276	1	U81 276	1	U81 276	1	U81 276	1	U81 276	1	O - Ring Plug	
22	4130039	8	4130040	8	4130040	8	4130040	8	4130041	8	4130041	8	Helisert Coil	
23	4011147	8	4011169	8	4011169	8	4011169	8	4011186	8	4011186	8	Socket Bolt	
24	Q71 105	4	Q81 105	4	Q41 105	4	Q01 155	4	Q31 105	4	Q11 160	4	Through Bolt	
25	Q41 106	4	Q41 106	4	Q41 106	4	Q31 106	4	Q31 106	4	Q11 161	4	Hex Nut	
26	Q41 107	4	Q41 107	4	Q41 107	4	Q31 109	4	Q31 109	4	Q11 165	4	Stopper	
27	4400045	4	4400045	4	4400045	4	4400048	4	4400048	4	4400050	4	Snap Ring	

■ MAIN BODY (SQ100 ~ SQ180)

NO	SQ100 (#001~)		SQ120 (#001~)		SQ130 (#001~)		SQ140 (#011~)		SQ150 (#011~)		SQ180 (#011~)		PARTS NAME	REMARK
	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty		
	Q71 001	1Set	Q81 001	1Set	Q41 001	1Set	Q01 002	1Set	Q31 002	1Set	Q11 002	1Set	Main Body Assembly	
28	Q31 119	2	Q31 119	2	Q31 119	2	Q31 119	2	Q31 119	2	Q11 162	2	Swivel Adapter	
- 1	Q31 120	1	Q31 120	1	Q31 120	1	Q31 120	1	Q31 120	1	Q11 163	1	Shaft	
- 2	Q31 116	1	Q31 116	1	Q31 116	1	Q31 116	1	Q31 116	1	Q11 164	1	Housing	
- 3	2851047	1	2851047	1	2851047	1	2851047	1	2851047	1	2851056	1	O - Ring	
- 4	2841225	1	2841225	1	2841225	1	2841225	1	2841225	1	2841227	1	Back - Up Ring	
- 5	2841314	2	2841314	2	2841314	2	2841314	2	2841314	2	2841313	2	Back - Up Ring	
- 6	2851046	2	2851046	2	2851046	2	2851046	2	2851046	2	2851059	2	O - Ring	
- 7	2851022	1	2851022	1	2851022	1	2851022	1	2851022	1	2851028	1	O - Ring	
- 8	Q31 121	1	Q31 121	1	Q31 121	1	Q31 121	1	Q31 121	1	Q11 167	1	Plug	
29 ★	**A**(2851038)	(2)	2851038	2	2851038	2	2851038	2	2851038	2	**A**(2851043)	(2)	O - Ring	
30	2710318	2	2710318	2	2710318	2	2710318	2	2710318	2	2710319	2	H/Adapter - 01	
31	2715005	2	2715005	2	2715005	2	2715005	2	2715005	2	2715005	2	Union Cap	
32	4011074	12	4011074	12	4011074	12	4011074	12	4011074	12	4011108	12	Socket Bolt	
33	C51 191	1	C51 191	1	C51 191	1	C51 191	1	C51 191	1	C51 191	1	Charging Valve	
34	2702193	1	2702193	1	2702193	1	2702193	1	2702193	1	2702193	1	Hex Head Plug - 01	
35	2851017	1	2851017	1	2851017	1	2851017	1	2851017	1	2851017	2	O - Ring	
36	C31 210	1	C61 233	1	C61 233	1	C71 162	1	C71 162	1	Q11 121	1	Valve Adjuster	
37 ★	**B**(2851010)	(1)	2851014	1	2851014	1	2850015	1	2850015	1	**C**(2851017)	(1)	O - Ring	
38	2841217	2	2841202	2	2841202	2	2841216	2	2841216	2	2841212	2	Back - Up Ring	
39	4101306	1	4101308	1	4101308	1	4101309	1	4101309	1	4101310	1	Hex Nut	
40	E91 120	2	E91 120	2	E91 120	2	E91 120	2	Q31 118	2	C71 120	2	Front head Pin	
41	D81 150	2	D81 150	2	D81 150	2	D81 150	2	C71 194	2	C71 194	2	Rubber Plug	
42	E91 121	1	C61 169	1	C61 169	1	C61 169	1	C71 140	1	Q11 123	1	Stop Pin	
43	D81 151	1	D81 151	1	D81 151	1	D81 151	1	D81 150	1	D81 150	1	Rubber Plug	
44	2851204	1	2851205	1	2851205	1	2851206	1	2851206	1	2851206	1	O - Ring	
45	Q41 110	4	Q41 110	4	Q41 110	4	Q01 115	4	Q01 115	4	Q11 114	4	Helisert Coil	
46	Q11 124	2	Q11 124	2	Q11 124	2	Q11 124	2	Q11 124	2	Q11 124	2	Knock Pin	
47	Q11 131	2	Q11 131	2	Q11 131	2	Q11 131	2	Q11 131	2	Q11 131	2	PTFE Tube	
48 ★	2851043	4	**A**(2851043)	(4)	**A**(2851043)	(4)	**A**(2851043)	(4)	**A**(2851043)	(4)	**A**(2851043)	(4)	O - Ring	
49	C31 123	2	C61 146	2	C61 146	2	C61 146	2	C71 121	2	C71 121	2	Socket Plug	
50	2850024	2	2850033	2	2850033	2	2850033	2	2850035	2	2850035	2	O - Ring	
51	2831016	1	2831074	1	2831032	1	2831906	1	2831025	1	2831035	1	Dust Seal	
52	2811012	1	2811072	1	2811039	1	2811043	1	2811033	1	2811074	1	U - Packing	
53	2833010	1	2833004	1	2833020	1	2833021	1	2833017	1	2833024	1	Buffer Seal	
54	E91 110	1	C61 131	1	D81 110	1	Q01 128	1	C71 109	1	Q11 110	1	Seal Retainer	
55	2819052	1	2819053	1	2819054	1	2819071	1	2819055	1	-	-	Buffer Seal	
56	2811077	2	2811078	2	2811040	2	2811079	2	2811080	2	2829001	2	Step Seal	U-Packing
57	2835045	1	2835046	1	2835047	1	2835050	1	2835048	1	2809011	1	Gas Seal	U-Packing
58	2851234	3	2851235	4	2851237	3	2851237	3	2851237	4	2851241	2	O - Ring	
59	Q31 111	1	Q31 111	1	Q31 111	1	Q31 111	1	Q31 111	1	Q31 111	1	Select Valve	
60	2851201	1	2851201	1	2851201	1	2851201	1	2851201	1	2851201	1	O - Ring	
61	2842201	1	2842201	1	2842201	1	2842201	1	2842201	1	2842201	1	Back up Ring	
62	Q31 110	1	Q31 110	1	Q31 110	1	Q31 110	1	Q31 110	1	Q31 110	1	Valve Cover	
63	Q31 112	1	Q31 112	1	Q31 112	1	Q31 112	1	Q31 112	1	Q31 112	1	Select Pin	
64	Q31 113	1	Q31 113	1	Q31 113	1	Q31 113	1	Q31 113	1	Q31 113	1	Rubber Spring	
65	4300080	1	4300080	1	4300080	1	4300080	1	4300080	1	4300080	1	Spring Pin	
66	4010060	4	4010060	4	4010060	4	4010060	4	4010060	4	4010060	4	Socket Bolt	

★ Part No. A( ) is same with No.20 / Part No. B( ) is same with No.16 / Part No. C( ) is same with No.35
[※ The quantity( ) is included in No.20, No.16, No.35]

2. Seal Kit


28-7
28-5
28-6
28-6
28-5
29
28-4
28-3
21-10
21-11
8
9
35
58
A
50
21-16
21-13
21-13
48
48
60
61
37
38
16
20
B
16
44
57
56
58
55
53
52
51
DETAIL A
DETAIL B

■ SEAL KIT (SQ60 ~ 80)

NO		SQ60 (#001~)		SQ70 (#001~)		SQ80 (#001~)		PARTS NAME	REMARK
		P/N	Q'ty	P/N	Q'ty	P/N	Q'ty		
		Q51 011	1Set	Q61 011	1Set	Q21 011	1Set	Seal Kit	
8		2851205	1	2851206	1	2851207	1	O - Ring	
9		2851208	1	2851209	1	2851210	1	O - Ring	
16		2851010	4	2851010	5	2851010	5	O - Ring	
20		2851028	4	2851028	4	2851038	2	O - Ring	
21	-10	2851051	1	2851051	1	2851051	1	O - Ring	
	-11	2844901	1	2844901	1	2844901	1	Back - Up Ring	
	-13	2850014	2	2850014	2	2850014	2	O - Ring	
	-16	2850003	1	2850003	1	2850003	1	O - Ring	
28	-3	2851040	3	2851040	3	2851040	3	O - Ring	
	-4	2841228	1	2841228	1	2841228	1	Back - Up Ring	
	-5	2841315	2	2841315	2	2841315	2	Back - Up Ring	
29	★	**A**(2851028)	(2)	**A**(2851028)	(2)	2851028	2	O - Ring	
35		2851017	1	2851017	1	2851017	1	O - Ring	
37	★	2851007	1	**B**(2851010)	(1)	**B**(2851010)	(1)	O - Ring	
38		2841218	2	2841217	2	2841217	2	Back - Up Ring	
44		2851204	1	2851204	1	2851204	1	O - Ring	
48		2851027	4	2851027	4	2851034	4	O - Ring	
50		2850021	2	2850021	2	2850024	2	O - Ring	
51		2831073	1	2831018	1	2831103	1	Dust Seal	
52		2811007	1	2811014	1	2811071	1	U - Packing	
53		2833019	1	2833013	1	2833003	1	Buffer Seal	
55		-	-	-	-	2819051	1	Buffer Seal	
56		2811049	2	2811066	2	2811076	2	Step Seal	
57		2835043	1	2835034	1	2835044	1	Gas Seal	
58		2851226	3	2851229	3	2851232	3	O - Ring	
60		2851201	1	2851201	1	2851201	1	O - Ring	
61		2842201	1	2842201	1	2842201	1	Back up Ring	

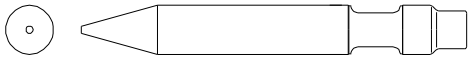
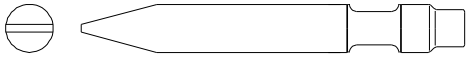
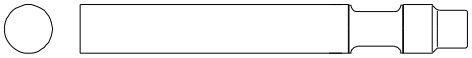
★ Part No. A( ) is same with No.20 / Part No. B( ) is same with No.16 [※ The quantity( ) is included in No.20, No.16]

■ SEAL KIT (SQ100 ~ 180)

NO	SQ100 (#001~)		SQ120 (#001~)		SQ130 (#001~)		SQ140 (#011~)		SQ150 (#011~)		SQ180 (#011~)		PARTS NAME	REMARK
	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty		
	Q71 011	1Set	Q81 011	1Set	Q41 011	1Set	Q01 012	1Set	Q31 011	1Set	Q11 012	1Set	Seal Kit	
8	2851207	1	2851207	1	2851207	1	2851209	1	2851212	1	2851213	1	O - Ring	
9	2851210	1	2851213	1	2851212	1	2851215	1	2851216	1	2851217	1	O - Ring	
16	2851010	5	2851010	4	2851010	4	2851010	4	2851010	4	2851010	4	O - Ring	
20	2851038	4	2851043	6	2851043	6	2851043	6	2851043	6	2851043	8	O - Ring	
21 -10	2851051	1	2851051	1	2851051	1	2851051	1	2851059	1	2851059	1	O - Ring	
-11	2844901	1	2844901	1	2844901	1	2844901	1	2841005	1	2841005	1	Back - Up Ring	
-13	2850014	2	2850014	2	2850014	2	2850014	2	2850014	2	2850014	2	O - Ring	
-16	2850003	1	2850003	1	2850003	1	2850003	1	2850003	1	2850003	1	O - Ring	
28 -3	2851047	1	2851047	1	2851047	1	2851047	1	2851047	1	2851056	1	O - Ring	
-4	2841225	1	2841225	1	2841225	1	2841225	1	2841225	1	2841227	1	Back - Up Ring	
-5	2841314	2	2841314	2	2841314	2	2841314	2	2841314	2	2841313	2	Back - Up Ring	
-6	2851046	2	2851046	2	2851046	2	2851046	2	2851046	2	2851059	2	O - Ring	
-7	2851022	1	2851022	1	2851022	1	2851022	1	2851022	1	2851028	1	O - Ring	
29 ★	**A**(2851038)	(2)	2851038	2	2851038	2	2851038	2	2851038	2	**A**(2851043)	(2)	O - Ring	
35	2851017	1	2851017	1	2851017	1	2851017	1	2851017	1	2851017	2	O - Ring	
37 ★	**B**(2851010)	(1)	2851014	1	2851014	1	2850015	1	2850015	1	**C**(2851017)	(1)	O - Ring	
38	2841217	2	2841202	2	2841202	2	2841216	2	2841216	2	2841212	2	Back - Up Ring	
44	2851204	1	2851205	1	2851205	1	2851206	1	2851206	1	2851206	1	O - Ring	
48 ★	2851043	4	**A**(2851043)	(4)	**A**(2851043)	(4)	**A**(2851043)	(4)	**A**(2851043)	(4)	**A**(2851043)	(4)	O - Ring	
50	2850024	2	2850033	2	2850033	2	2850033	2	2850035	2	2850035	2	O - Ring	
51	2831016	1	2831074	1	2831032	1	2831906	1	2831025	1	2831035	1	Dust Seal	
52	2811012	1	2811072	1	2811039	1	2811043	1	2811033	1	2811074	1	U - Packing	
53	2833010	1	2833004	1	2833020	1	2833021	1	2833017	1	2833024	1	Buffer Seal	
55	2819052	1	2819053	1	2819054	1	2819071	1	2819055	1	-	-	Buffer Seal	
56	2811077	2	2811078	2	2811040	2	2811079	2	2811080	2	2829001	2	Step Seal	U-Packing
57	2835045	1	2835046	1	2835047	1	2835050	1	2835048	1	2809011	1	Gas Seal	U-Packing
58	2851234	3	2851235	4	2851237	3	2851237	3	2851237	4	2851241	2	O - Ring	
60	2851201	1	2851201	1	2851201	1	2851201	1	2851201	1	2851201	1	O - Ring	
61	2842201	1	2842201	1	2842201	1	2842201	1	2842201	1	2842201	1	Back up Ring	

★ Part No. A( ) is same with No.20 / Part No. B( ) is same with No.16 / Part No. C( ) is same with No.35
[※ The quantity( ) is included in No.20, No.16, No.35]

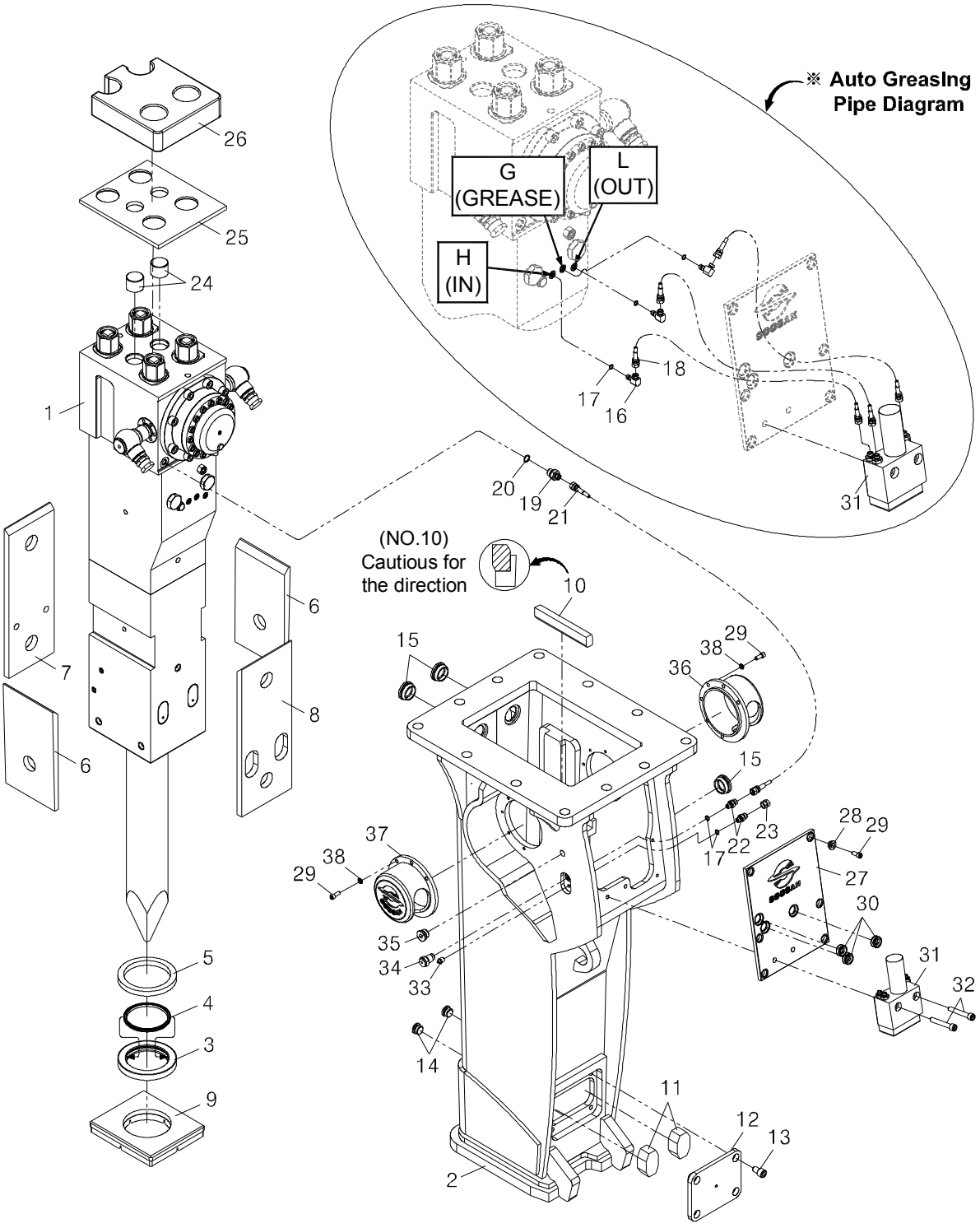
3. Rod Type

PARTS NAME	SHAPE
MOIL POINT TYPE	
UNIVERSAL TYPE	
V-WEDGE TYPE	
H-WEDGE TYPE	
FLAT TYPE	

MODEL	TYPE	SIZE	PARTS No.				
			MOIL	**UNIVERSAL**	**V-WEDGE**	**H-WEDGE**	**FLAT**
SQ60	LONG	D125 x L1100	C21 114	C21 127	C21 129	C21 128	C21 130
	SHORT	D125 x L1000	C21 163	C21 164	C21 166	C21 167	C21 165
SQ70	LONG	D135 x L1200	L01 118	L01 119	L01 121	L01 122	L01 120
	SHORT	D135 x L1100	L01 124	L01 125	L01 127	L01 128	L01 126
SQ80	LONG	D140 x L1300	C31 211	C31 212	C31 214	C31 213	C31 215
	SHORT	D140 x L1200	C31 241	C31 242	C31 244	C31 245	C31 243
SQ100	LONG	D150 x L1400	E91 113	E91 114	E91 115	E91 116	E91 117
	SHORT	D150 x L1300	E91 129	E91 130	E91 132	E91 133	E91 131
SQ120	LONG	D155 x L1500	C61 227	C61 228	C61 230	C61 229	C61 231
	SHORT	D155 x L1400	C61 268	C61 269	C61 271	C61 272	C61 270
SQ130	LONG	D165 x L1600	D81 115	D81 118	D81 117	D81 116	D81 119
	SHORT	D165 x L1500	D81 152	D81 153	D81 155	D81 156	D81 154
SQ140	LONG	D165 x L1600	D81 115	D81 118	D81 117	D81 116	D81 119
	SHORT	D165 x L1500	D81 152	D81 153	D81 155	D81 156	D81 154
SQ150	LONG	D175 x L1600	C71 157	C71 158	C71 160	C71 159	C71 161
	SHORT	D175 x L1500	C71 189	C71 190	C71 192	C71 193	C71 191
SQ180	LONG	D197 x L1700	Q11 116	Q11 117	Q11 118	Q11 133	Q11 119
	SHORT	D197 x L1600	Q11 134	Q11 135	Q11 136	Q11 137	Q11 138

4. Silenced Type

▣ SQ60~180



■ SILENCED TYPE (SQ60 ~ SQ100)

NO	SQ60 (#001~)		SQ70 (#001~)		SQ80 (#001~)		SQ100 (#001~)		PARTS NAME	REMARK
	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty		
	Q53 001	1Set	Q63 001	1Set	Q23 001	1Set	Q73 001	1Set	Frame Assembly	
1	Q51 001	-	Q61 001	-	Q21 001	-	Q71 001	-	Main Body	
2	Q53 100	1	Q63 100	1	Q23 100	1	Q73 100	1	Frame	
3	Q53 115	1	Q63 119	1	Q23 122	1	Q73 123	1	Dust Seal Retainer	
4	Q53 116	1	Q63 120	1	Q23 123	1	Q73 124	1	Dust Seal	
5	Q53 117	1	Q63 121	1	Q23 124	1	Q73 125	1	Retainer Guide	
6	Q53 118	2	Q63 122	2	Q23 125	2	Q73 126	2	Side Wear Plate	
7	Q53 119	1	Q63 123	1	Q23 126	1	Q73 127	1	Rear Wear Plate	
8	Q53 120	1	Q63 124	1	Q23 127	1	Q73 128	1	Front Wear Plate	
9	C23 408	1	L03 204	1	C33 669	1	E93 234	1	Down Cushion	
10	Q23 128	2	Q23 128	2	Q23 128	2	Q73 129	2	Side Cushion	
11	Q53 121	2	Q63 125	2	Q23 129	2	Q73 130	2	Rod Pin Cushion	
12	Q53 122	1	Q63 126	1	Q23 130	1	Q73 131	1	Rod Pin Cover	
13	4011105	4	4011105	4	4011105	4	4011143	4	Socket Bolt	
14	2702315	2	2702315	2	2702315	2	2702315	2	Socket Head Plug	
15	C23 219	3	C23 219	3	C23 219	3	C23 219	3	Check Plug	
16	C75 110	3	C75 110	3	C75 110	3	C75 110	3	H/L Adapter	
17	2851010	5	2851010	5	2851010	5	2851010	5	O - Ring	
18	E93 346	3	E93 346	3	E93 346	3	E93 346	3	Oil Hose	
19	C75 111	1	C75 111	1	C75 111	1	C75 111	1	H/Adapter - 01	
20	2851017	1	2851017	1	2851017	1	2851017	1	O - Ring	
21	E93 369	1	E93 369	1	E93 369	1	E93 369	1	Oil Hose	
22	C75 107	2	C75 107	2	C75 107	2	C75 107	2	H/Adapter - 01	
23	Q13 157	1	Q13 157	1	Q13 157	1	Q13 157	1	Union Cap	
24	Q23 131	2	Q23 131	2	Q23 131	2	Q73 132	2	Upper Cushion Holder	
25	Q53 123	1	Q63 127	1	Q23 132	1	Q73 133	1	Upper Cushion Guide	
26	Q53 124	1	Q63 128	1	Q23 133	1	Q73 134	1	Upper Cushion	
27	Q53 125	1	Q63 129	1	Q23 134	1	Q73 135	1	Window Cover	
28	Q13 145	6	Q13 145	6	Q13 145	6	Q13 145	6	Washer	
29	4011074	18	4011074	18	4011074	18	4011074	18	Socket Bolt	
30	C23 324	3	C23 324	3	C23 324	3	C23 324	3	Plug	
31	C75 002	1	C75 002	1	C75 002	1	C75 002	1	Auto Grease Pump	
32	4010120	2	4010120	2	4010120	2	4010120	2	Socket Bolt	
33	2700411	1	2700411	1	2700411	1	2700411	1	Grease Nipple	
34	C51 191	1	C51 191	1	C51 191	1	C51 191	1	Charging Valve	
35	2702314	1	2702314	1	2702314	1	2702314	1	Socket Head Plug	
36	Q23 135	1	Q23 135	1	Q23 135	1	Q33 136	1	Protector - R	
37	Q23 136	1	Q23 136	1	Q23 136	1	Q33 137	1	Protector - L	
38	4211011	12	4211011	12	4211011	12	4211011	12	Spring Washer	

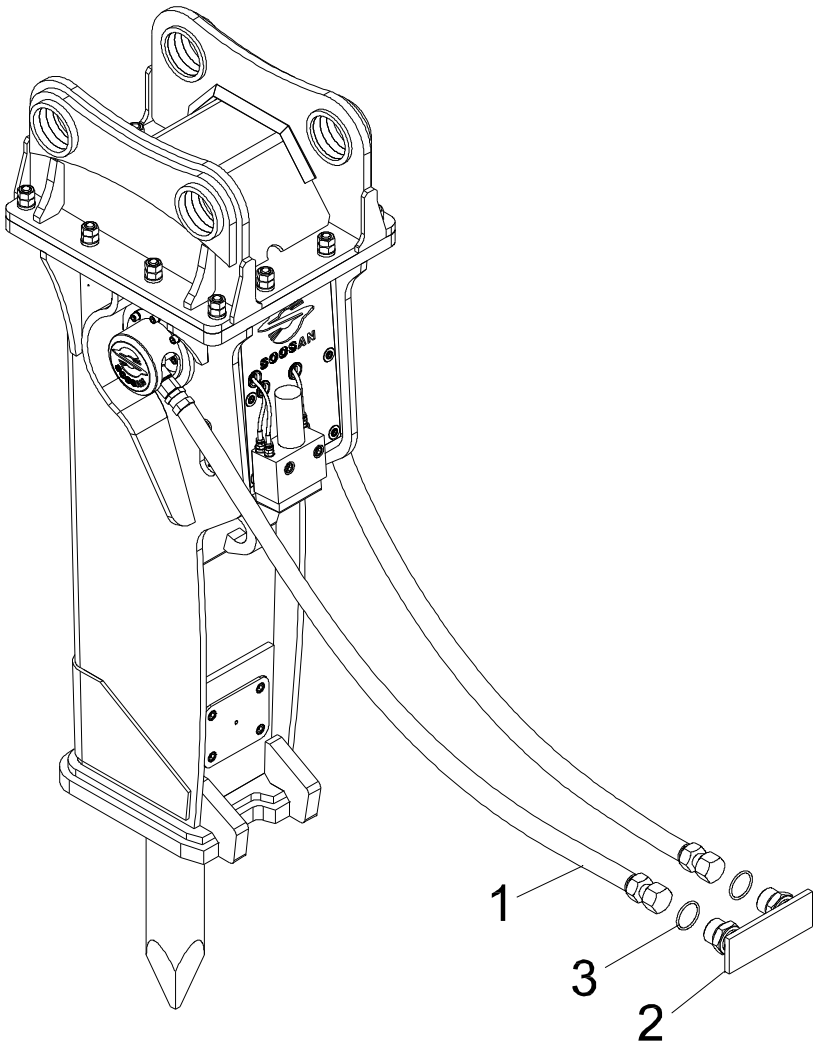
■ SILENCED TYPE (SQ120 ~ SQ180)

NO	SQ120 (#001~)		SQ130 (#001~)		SQ140 (#011~)		SQ150 (#011~)		SQ180 (#011~)		PARTS NAME	REMARK
	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty	P/N	Q'ty		
	Q83 001	1Set	Q43 001	1Set	Q03 001	1Set	Q33 001	1Set	Q13 001	1Set	Frame Assembly	
1	Q81 001	-	Q41 001	-	Q01 002	-	Q31 002	-	Q11 002	-	Main Body	
2	Q83 100	1	Q43 100	1	Q03 100	1	Q33 100	1	Q13 100	1	Frame	
3	Q83 121	1	Q43 130	1	Q43 130	1	Q33 124	1	Q13 141	1	Dust Seal Retainer	
4	Q83 122	1	Q43 133	1	Q43 133	1	Q33 125	1	Q13 144	1	Dust Seal	
5	Q83 123	1	Q43 129	1	Q43 129	1	Q33 126	1	Q13 142	1	Retainer Guide	
6	Q83 124	2	Q33 123	2	Q33 123	2	Q33 123	2	Q13 128	2	Side Wear Plate	
7	Q83 125	1	Q43 123	1	Q03 122	1	Q33 127	1	Q13 129	1	Rear Wear Plate	
8	Q83 126	1	Q43 126	1	Q43 126	1	Q33 128	1	Q13 130	1	Front Wear Plate	
9	C63 420	1	D83 297	1	L23 159	1	C73 347	1	Q13 131	1	Down Cushion	
10	Q83 127	2	Q43 128	2	Q43 128	2	Q33 129	2	Q13 137	2	Side Cushion	
11	Q43 131	2	Q43 131	2	Q43 131	2	Q33 130	2	Q13 132	2	Rod Pin Cushion	
12	Q83 128	1	Q43 122	1	Q43 122	1	Q33 131	1	Q13 146	1	Rod Pin Cover	
13	4011143	4	4011143	4	4011143	4	4011143	4	4011143	4	Socket Bolt	
14	2702315	2	2702315	2	2702315	2	2702315	2	2702315	2	Socket Head Plug	
15	C23 219	3	C23 219	3	C23 219	3	C23 219	3	C23 219	3	Check Plug	
16	C75 110	3	C75 110	3	C75 110	3	C75 110	3	C75 110	3	H/L Adapter	
17	2851010	5	2851010	5	2851010	5	2851010	5	2851010	5	O - Ring	
18	E93 346	3	E93 348	3	E93 348	3	E93 348	3	E93 348	3	Oil Hose	
19	C75 111	1	C75 111	1	C75 111	1	C75 111	1	C75 111	1	H/Adapter - 01	
20	2851017	1	2851017	1	2851017	1	2851017	1	2851017	1	O - Ring	
21	E93 369	1	E93 370	1	E93 370	1	E93 370	1	E93 370	1	Oil Hose	
22	C75 107	2	C75 107	2	C75 107	2	C75 107	2	C75 107	2	H/Adapter - 01	
23	Q13 157	1	Q13 157	1	Q13 157	1	Q13 157	1	Q13 157	1	Union Cap	
24	Q73 132	2	Q43 132	2	Q43 132	2	Q33 132	2	Q13 134	2	Upper Cushion Holder	
25	Q83 129	1	Q43 134	1	Q03 121	1	Q33 133	1	Q13 133	1	Upper Cushion Guide	
26	Q83 130	1	Q43 135	1	Q03 120	1	Q33 134	1	Q13 155	1	Upper Cushion	
27	Q83 131	1	Q43 136	1	Q03 123	1	Q33 135	1	Q13 136	1	Window Cover	
28	Q13 145	6	Q13 145	6	Q13 145	6	Q13 145	6	Q13 145	6	Washer	
29	4011074	18	4011074	18	4011074	18	4011074	18	4011074	18	Socket Bolt	
30	C23 324	3	C23 324	3	C23 324	3	C23 324	3	C23 324	3	Plug	
31	C75 002	1	C75 002	1	C75 002	1	C75 002	1	C75 002	1	Auto Grease Pump	
32	4010120	2	4010120	2	4010120	2	4010120	2	4010120	2	Socket Bolt	
33	2700411	1	2700411	1	2700411	1	2700411	1	2700411	1	Grease Nipple	
34	C51 191	1	C51 191	1	C51 191	1	C51 191	1	C51 191	1	Charging Valve	
35	2702314	1	2702314	1	2702314	1	2702314	1	2702314	1	Socket Head Plug	
36	Q33 136	1	Q33 136	1	Q33 136	1	Q33 136	1	Q13 138	1	Protector - R	
37	Q33 137	1	Q33 137	1	Q33 137	1	Q33 137	1	Q13 139	1	Protector - L	
38	4211011	12	4211011	12	4211011	12	4211011	12	4211011	12	Spring Washer	

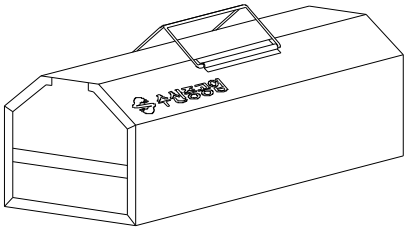
5. Oil Hose

No	Parts Name	SQ60	SQ70	SQ80	SQ100	Q'ty
		Parts No.	Parts No.	Parts No.	Parts No.	
1	Spring Hose	2610466	2610466	2610466	2610470	2
2	Hose Plug	C34 100	C34 100	C34 100	C34 100	1
3	O-ring	2856004	2856004	2856004	2856004	2

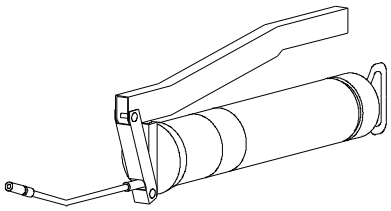
No Parts Name		SQ120	SQ130	SQ140	SQ150	SQ180	Q'ty
		Parts No.	Parts No.	Parts No.	Parts No.	Parts No.	
1	Spring Hose	2610571	2610571	2610571	2610571	2610571	2
2	Hose Plug	C64 100	C64 100	C64 100	C64 100	C64 100	1
3	O-ring	2856005	2856005	2856005	2856005	2856005	2



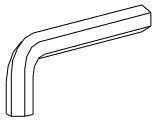
6. Tool Set (Option)



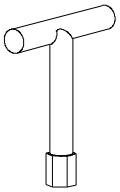
TOOL BOX



GREASE GUN



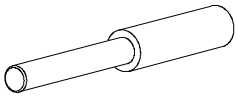
L- WRENCH



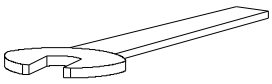
T - WRENCH



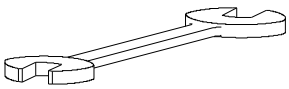
EYE BOLT



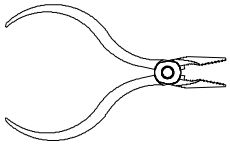
PIN BAR



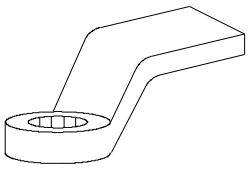
SINGLE SPANNER



DOUBLE SPANNER



PLIERS



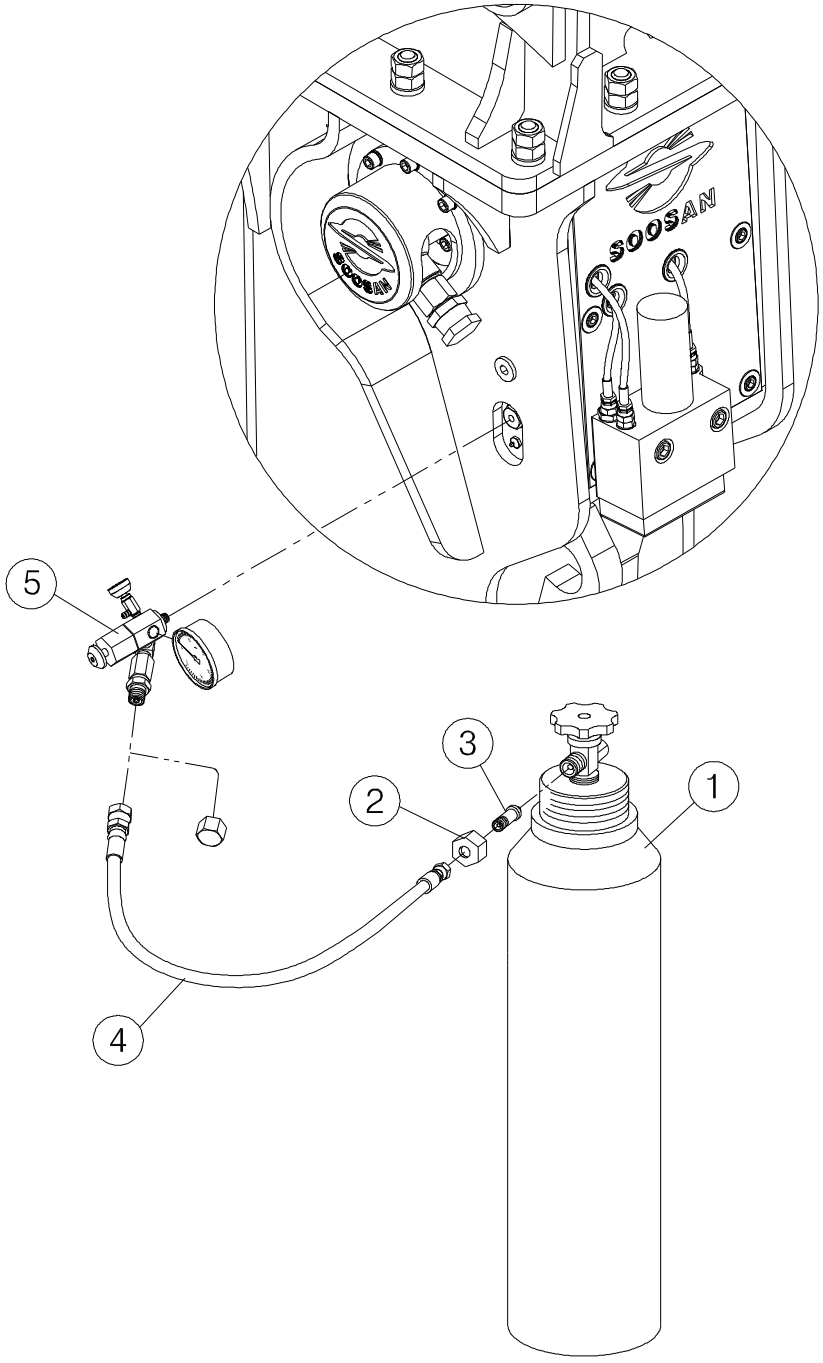
SINGLE RING SPANNER

■ Tool Set

TOOL	Q'ty	SQ60	SQ70	SQ80	SQ100	SQ120	SQ130	SQ140	SQ150	SQ180
Tool set	1	Q51021	Q61021	Q21 021	Q71 021	Q81 021	Q41 021	Q01 021	Q31 021	Q11 021
Tool box	1	L 8290003	L 8290003	L 8290003	L 8290003	L 8290003	L 8290003	L 8290003	L 8290003	L 8290003
Double spanner	1	19*22 8203056	19*22 8203056	19*22 8203056	19*22 8203056	19*22 8203056	19*22 8203056	19*22 8203056	19*22 8203056	19*22 8203056
Double spanner	1	27*30 8203060	27*30 8203060	24*27 8203058	27*30 8203060	27*30 8203060	27*30 8203060	27*30 8203060	27*30 8203060	27*30 8203060
Eye bolt	1	M8*P1.25 4020001	M10*P1.5 4020002	M10*P1.5 4020002	M10*P1.5 4020002	M10*P1.5 4020002	M10*P1.5 4020002	M10*P1.5 4020002	M10*P1.5 4020002	M10*P1.5 4020002
Eye bolt	1	M16*P2.0 4020004	M16*P2.0 4020004	M16*P2.0 4020004	M16*P2.0 4020004	M16*P2.0 4020004	M16*P2.0 4020004	M16*P2.0 4020004	M16*P2.0 4020004	M20*P2.5 4020005
Grease gun	1	300cc 8214002	300cc 8214002	300cc 8214002	300cc 8214002	300cc 8214002	300cc 8214002	300cc 8214002	300cc 8214002	300cc 8214002
L-Wrench	1	5 ㎜ 8202103	5 ㎜ 8202103	5 ㎜ 8202103	5 ㎜ 8202103	5 ㎜ 8202103	5 ㎜ 8202103	5 ㎜ 8202103	5 ㎜ 8202103	5 ㎜ 8202103
L-Wrench	1	8 ㎜ 8202105	8 ㎜ 8202105	8 ㎜ 8202105	8 ㎜ 8202105	8 ㎜ 8202105	8 ㎜ 8202105	8 ㎜ 8202105	8 ㎜ 8202105	8 ㎜ 8202105
L-Wrench	1	10 ㎜ 8202106	10 ㎜ 8202106	10 ㎜ 8202106	10 ㎜ 8202106	10 ㎜ 8202106	10 ㎜ 8202106	10 ㎜ 8202106	10 ㎜ 8202106	10 ㎜ 8202106
L-Wrench	1	-	-	-	-	12 ㎜ 8202107	12 ㎜ 8202107	12 ㎜ 8202107	12 ㎜ 8202107	12 ㎜ 8202107
L-Wrench	1	14 ㎜ 8202108	14 ㎜ 8202108	14 ㎜ 8202108	14 ㎜ 8202108	14 ㎜ 8202108	14 ㎜ 8202108	14 ㎜ 8202108	14 ㎜ 8202108	14 ㎜ 8202108
L-Wrench	1	-	-	-	-	-	-	-	-	17 ㎜ 8202110
L-Wrench	1	17 ㎜ 8202110	17 ㎜ 8202110	17 ㎜ 8202110	17 ㎜ 8202110	17 ㎜ 8202110	17 ㎜ 8202110	17 ㎜ 8202110	17 ㎜ 8202110	19 ㎜ 8202111
T-Wrench	1	14 ㎜ 8202131	14 ㎜ 8202131	14 ㎜ 8202131	14 ㎜ 8202131	14 ㎜ 8202131	14 ㎜ 8202131	14 ㎜ 8202131	14 ㎜ 8202131	14 ㎜ 8202131
Pin bar	1	D14 C01147	D14 C01147	D14 C01147	D14 C01147	D14 C01147	D14 C01147	D14 C01147	D14 C01147	D14 C01147
Single ring Spanner	1	65 ㎜ C11157	70 ㎜ C11158	75 ㎜ C11159	75 ㎜ C11159	75 ㎜ C11159	75 ㎜ C11159	85 ㎜ C11161	85 ㎜ C11161	95 ㎜ C11304
Single spanner	1	24 ㎜ 8203010	-	-	-	-	-	36 ㎜ 8203016	36 ㎜ 8203016	41 ㎜ 8203018
Single spanner	1	36 ㎜ 8203016	36 ㎜ 8203016	36 ㎜ 8203016	46 ㎜ 8203019	46 ㎜ 8203019	46 ㎜ 8203019	46 ㎜ 8203019	46 ㎜ 8203019	50 ㎜ 8203020
Single spanner	1	41 ㎜ 8203018	41 ㎜ 8203018	41 ㎜ 8203018	50 ㎜ 8203020	50 ㎜ 8203020	50 ㎜ 8203020	50 ㎜ 8203020	50 ㎜ 8203020	55 ㎜ 8203021
Pliers (Hole)	1	230 ㎜ 8204024	230 ㎜ 8204024	230 ㎜ 8204024	230 ㎜ 8204024	230 ㎜ 8204024	230 ㎜ 8204024	230 ㎜ 8204024	230 ㎜ 8204024	230 ㎜ 8204024
Pliers (Shaft)	1	230㎜ 8204019	230㎜ 8204019	230㎜ 8204019	230㎜ 8204019	230㎜ 8204019	230㎜ 8204019	230㎜ 8204019	230㎜ 8204019	230㎜ 8204019

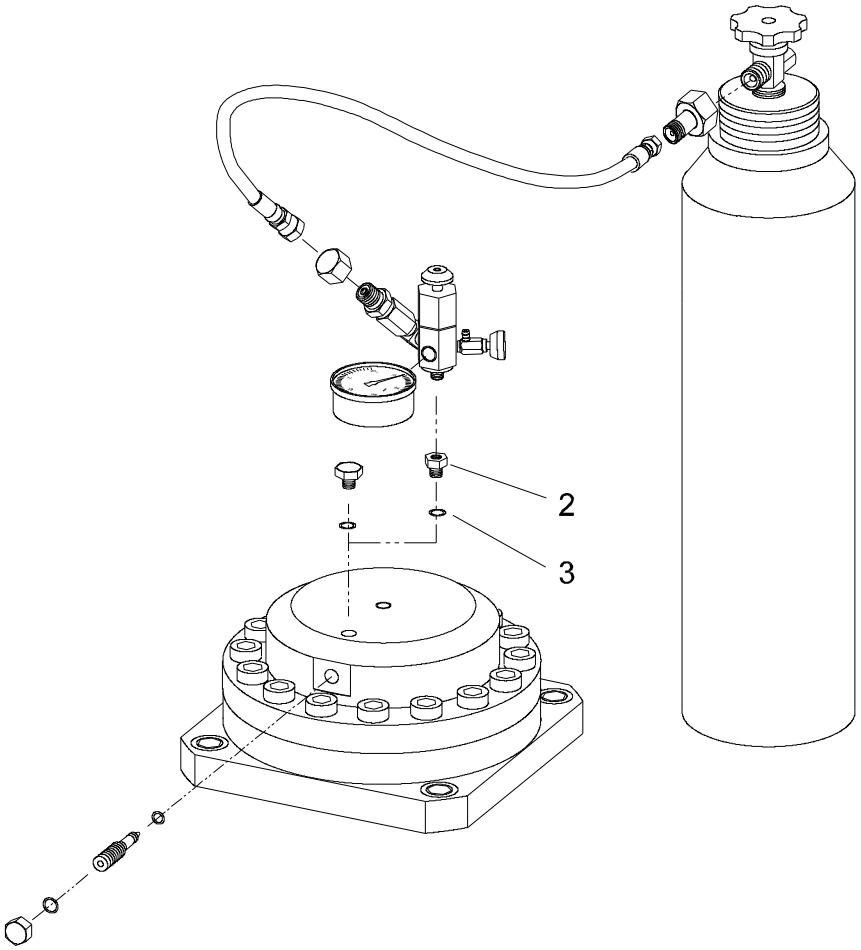
7. Back head gas charging kit (Option)

NO	PARTS No.	Q'ty	PARTS NAME
	C61 204	1Set	N_2 Gas charging set
1	2900003	1	N_2 Gas cylinder
2	2651001	1	Synflex hose
3	C01 244	1	B-3Way valve assembly
4	C91 122	1	Bombe adapter
5	C91 121	1	Bombe adapter nut



8. Accumulator charging Tool set (Option)

NO	PARTS No.	Q'ty	PARTS NAME
	C61 205	1Set	Accumulator gas charging set
1	C61 204	1Set	N_2 Gas charging set
2	U81 414	1	Hex bushing
3	2850014	1	O-RING



Product Recording

Record information about your product in this page.

Breaker Model :

Serial Number :

Date of Delivery :

Dealer :

Address :

Phone No : FAX No :

Notes