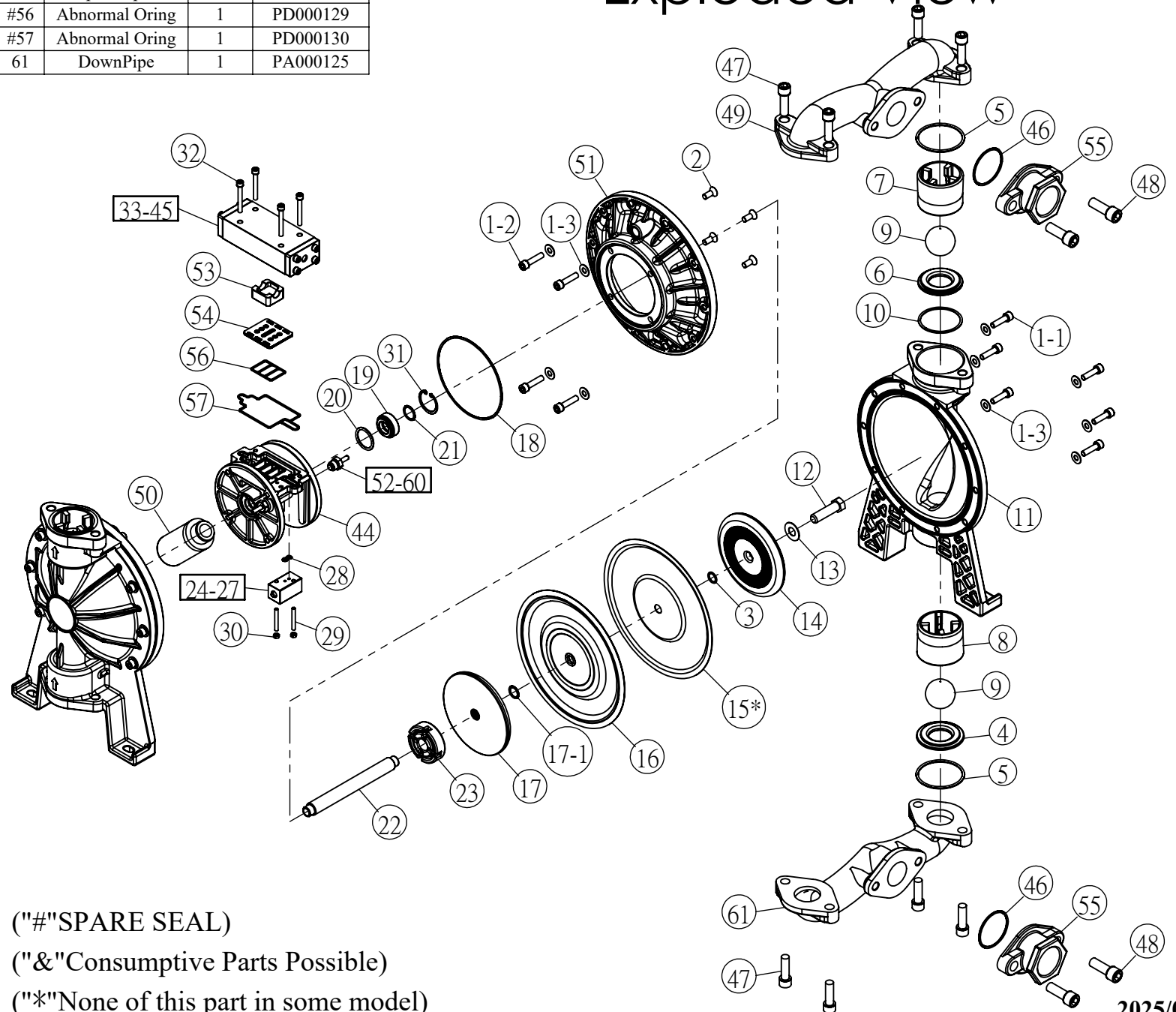


No.	Component Name	Amount	ComponentNo.	No.	Component Name	Amount	ComponentNo.
1-1	HexagonScrew	12	PC000019SW	52-60	ThimbleCover Set	2	AS451-52-60
1-2	HexagonScrew	8	PC000106SW	&53	SlitheryMassValve	1	PB000068N
1-3	Steel Washer	20	PC000057	&54	IncludePly	1	PB000089
2	HexagonScrew	8	PC000116	55	PipeAdapter	2	PA000220
#3	Oring	2	PB000182	#56	Abnormal Oring	1	PD000129
&4	DownBallSeat(S)	2	PA000028	#57	Abnormal Oring	1	PD000130
-	DownBallSeat(P)	2	PB0000242	61	DownPipe	1	PA000125
#5	Oring	4	PB0000417				
&6	UpBallSeat(S)	2	PA000027				
-	UpBallSeat(P)	2	PB0000243				
&7	UpBallCover(P)	2	PB0000241				
-	UpBallCover(A)	2	PA0000307				
&8	DownBallCover(P)	2	PB0000241				
-	DownBallCover(A)	2	PA0000308				
&9	Ball(S)	4	PA0000006				
-	Ball(T)	4	PB0000041				
-	Ball(B)	4	PB0000203				
#10	Pad	2	PB0000418				
11	Housing of Pump	2	PA0000051				
12	SteelHexagonScrew	2	PC000174				
13	Steel Washer	2	PC0000059				
&14	Pad of Diaphragm	2	PA0000227				
&15*	Outside Diaphragm(U)	2	PB0000022				
-	Outside Diaphragm(T)	2	PB0000023				
&16	Inside Diaphragm (collocate with 15)	2	PD0000081				
-	Diaphragm(O)	2	PD0000082				
&17	Pad of Diaphragm	2	PA0000228				
#17-1	Oring	2	PD0000007				
#18	Oring	2	PD0000031				
19	ShaftCover	2	PB000179				
#20	Oring	2	PD0000008				
#21	Oring	2	PD0000054				
&22	ShaftOfDiaphragm	1	PA0000087				
23	BufferPad	2	PD0000059				
24-27	BodyOfSquareSwitch Set	1	AS451-24-27				
#28	Oring	2	PD0000016				
29	HexagonScrew	2	PC0000209				
30	CupNut	2	PC000167				
&31	C-shaped Retaining	2	PA0000069				
32	HexagonScrew	4	PC000032SW				
33-45	Air-Valve Set	1	AS451-NV				
44	BodyOfCylinderBase	1	PA0000093				
#46	Oring	2	PD0000029				
47	HexagonScrew	8	PC0000081SW				
48	HexagonScrew	4	PC0000039SW				
49	UpperPipe	1	PA000126				
50	Silencer	1	PB0000049				
51	AirPressureRoomOfPump	2	PA000198				

DS 1 4-AAT-XXXX-02

Exploded View

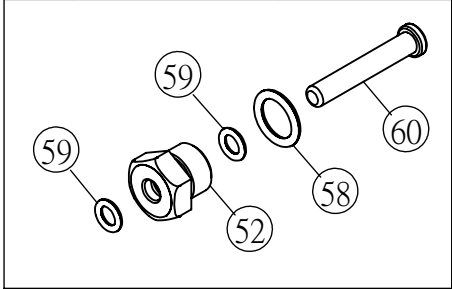


DS 1 4-AAT-XXXX-02

Exploded View

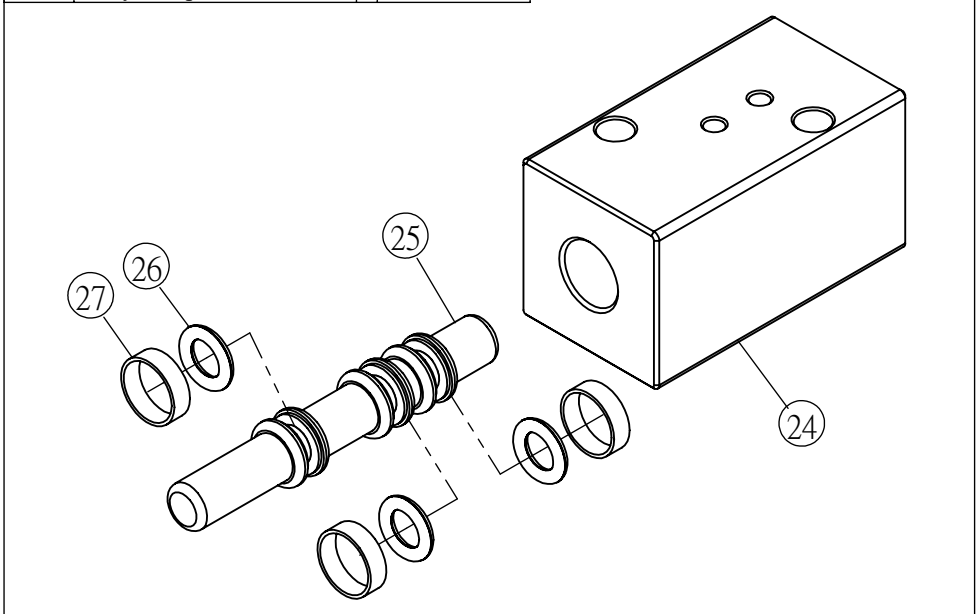
("#"SPARE SEAL)
("&"Consumptive Parts Possible)

52-60|ThimbleCover Set|2|AS451-52-60



No.	Component Name	Amount	ComponentNo.
&24	BodyOfSquareSwitch	1	PA000111
&25	SwitchPiston	1	PA000144
#26	O-ring	3	PD000002
#27	Teflon O-ring	3	PB000250
52	ThimbleCover	2	PA000169
#58	O-ring	2	PD000003
#59	O-ring	4	PD000002
&60	SwitchThimble	2	PA000153

24-27|BodyOfSquareSwitch Set|1|AS451-24-27



33-45|Air-Valve Set|1|AS451-NV

No.	Component Name	Amount	ComponentNo.
#33	O-ring	1	PD000050
#34	O-ring	1	PD000015
&35	BodyOfSequential	1	PA000152
&36	PistonOfAirValve	1	PA000140
#37	U-type O-ring	1	PDAP0032
#38	U-type O-ring	2	PDAP0022
&39	StartingCopperLatch	1	PA000153
40	CoverOfSequential-A	1	PB000102
41	CoverOfSequential-B	1	PB000079
#42	O-ring	1	PD000002
43	HousingOfSequential	2	PB000139
45	HexagonScrew	8	PC000013SW

