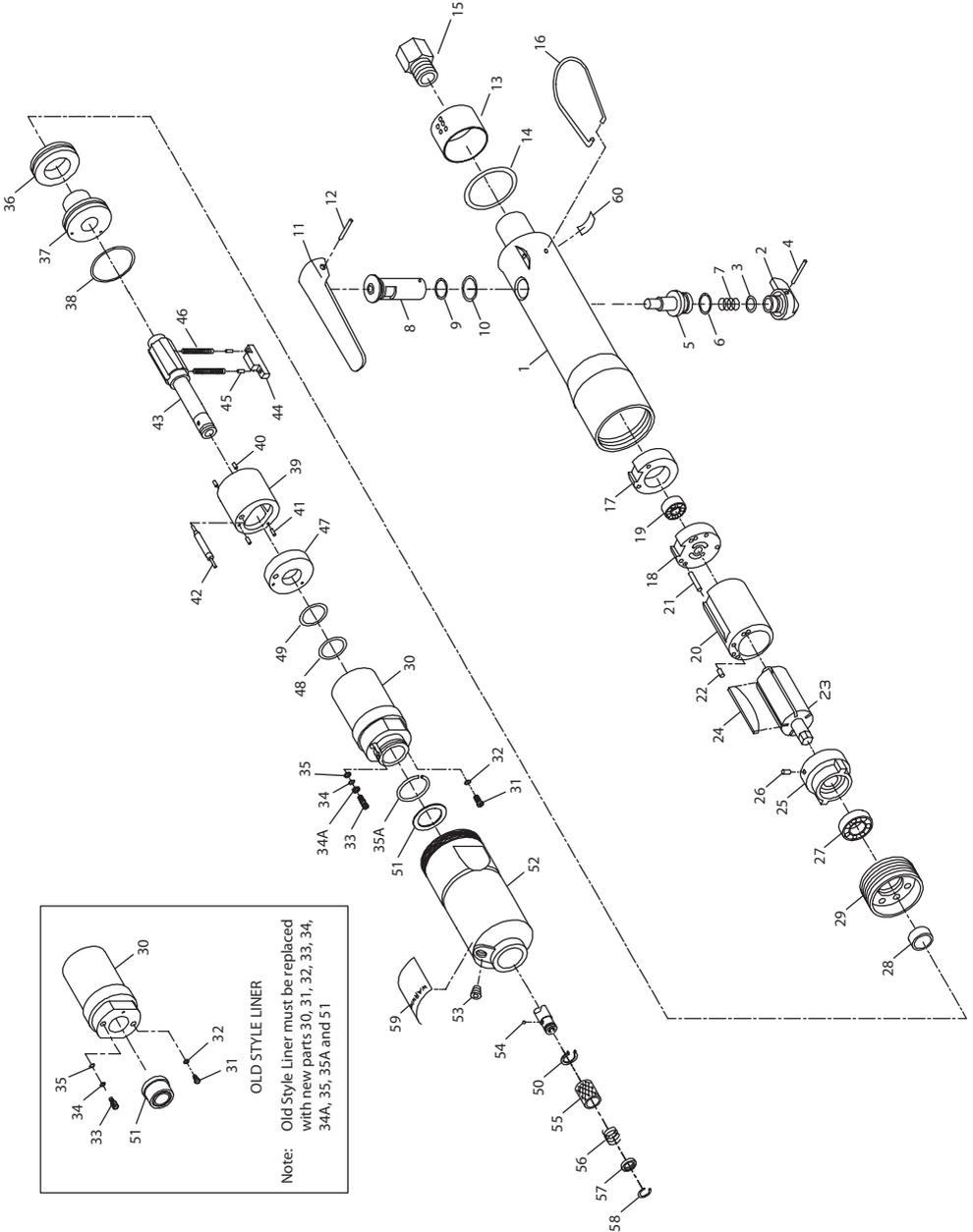


100SQ1, Air Impulse Wrench (Twin Blade) - Exploded View



(Dwg. TPA1360-1)

100SQ1, Air Impulse Wrench (Twin Blade) - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Housing Assembly	100SQ-A40	39	Liner Assembly	100PQ-A203
1	Motor Housing	100SQ-40	40	Liner Rear Pin (2)	180PQ-298
2	Reverse Lever	100SQ-328	41	Liner Front Pin (2)	100SQ-298
3	Reverse Lever Seal	EQ1045-119	42	Relief Valve	100PQ-222
4	Reverse Lever Retaining Pin	EQ1065-152	43	Drive Shaft	100PQ-626
5	Throttle Rod Assembly	100SQ-A302	44	Blade Assembly	100PQ-A627
6	Throttle Rod Seal	EQ2085-238	45	Blade Spring Pin (2)	100PQ-120
7	Throttle Rod Spring	100SQ-219	46	Blade Spring (2)	100PQ-569
8	Reverse Valve Assembly	100SQ-A329	47	Front Liner Cover Assembly	100PQ-A211
9	Reverse Valve Seal	100SQ-289	48	Drive Shaft Seal	100PQ-237
10	Reverse Bushing Seal	180SQ-289	49	Seal Back-up Ring	100PQ-272
11	Throttle Lever	100SQ-273	50	Retaining Sleeve Spring Stop	100PQ-303
12	Lever Retaining Pin	100SQ-152	51	Mechanism Cover Spacer	
13	Exhaust Deflector	100SQ-310		for old style units	100PQ-274
14	Exhaust Deflector Seal	100SQ-238		for new style units	4351656
15	Inlet Bushing	EQ1065-565		Mechanism Cover Assembly	100PQ-A727
16	Hanger	EQ1065-365	52	Mechanism Cover	100PQ-727
17	Rear End Plate Spacer	100SQ-41	53	Adjustment Hole Plug	100PQ-95
18	Rear End Plate Assembly	100SQ-A12		Bit Chuck Assembly	180PQ-A667
19	Rear Rotor Bearing	500A-22	54	Bit Retaining Ball	EQ1045-929
20	Cylinder Assembly	100SQ-A3	55	Bit Retaining Sleeve	EQ1045-930
21	Rear End Plate Dowel	100SQ-299	56	Retaining Sleeve Spring	EQ1045-931
22	Front End Plate Dowel	500A-299	57	Spring Seat	EQ1045-932
23	Rotor	100SQ-53	58	Retaining Ring	EQ1045-933
24	Vane Packet (set of 5 Vanes)	100SQ-42-5	59	Warning Label	
25	Front End Plate Assembly	100SQ-A11		for 100SQ1	WARNING-2-99
26	End Plate Alignment Pin	100PQ-298		for 100SQ1-EU	EU-99
27	Front Rotor Bearing	500A-22	60	Oil Daily Label	500P-69
28	Dust Washer	100SQ-229	*	Fluid Replacement Kit (includes Fluid Syringe, Fill Tube and 4 oz [31 mL] of Replacement Fluid)	EQ1065-K400
29	Front End Plate Spacer	100PQ-41			
	Impulse Unit Drive Assembly				
	for old style units	100PQ-A200	*	Replacement Fluid (4 oz)	EQ1065-400-1
	for new style units	100PQ-A200A	*	Replacement Fluid (1 gal)	EQ1065-BF400-1
30	Liner Housing		*	Motor Tune-up kit (includes illustrated items 3, 10, 14, 19, 24, and 27)	100SQ-K500
	for old style units	100PQ-31			
	for new style units	100PQ-31A	*	Mechanism Tune-up Kit (includes illustrated items 32, 34, 35, 38, 46[2], 48 and 49)	100PQ-K600
31	Oil Plug	180PQ-277			
32	Oil Plug Seal	EQ110P-288			
33	Torque Adjustment Bolt Assembly	100PQ-A230A	*	Repair Tool Kit (includes all the specialized tooling required to repair these tools and consists of two Spanner Plugs, a Tee Wrench with a special tip, an O-ring Installer Fixture and a pressing fixture that has a Disassembly Arbor and Pressing Sleeve)	100PQ-99
34	Adjustment Bolt Seal	EQ1065-288			
34A	Seal Washer (for new style units only)	4351631			
35	Seal Back-up Ring	3805Q-272			
35A	Adjustment Bolt Stop Ring (for new style units only)	4351623			
36	Housing Cap	100PQ-207			
37	Rear Liner Cover Assembly	100PQ-A212			
38	Rear Liner Cover O-ring	100PQ-236			

* Not Illustrated

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.

Related Documentation

For additional information refer to:

Product Safety Information Manual 04584983.

Product Information Manual 47133053.

Maintenance Information Manual 47109517.

Manuals can be downloaded from ingersollrandproducts.com



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