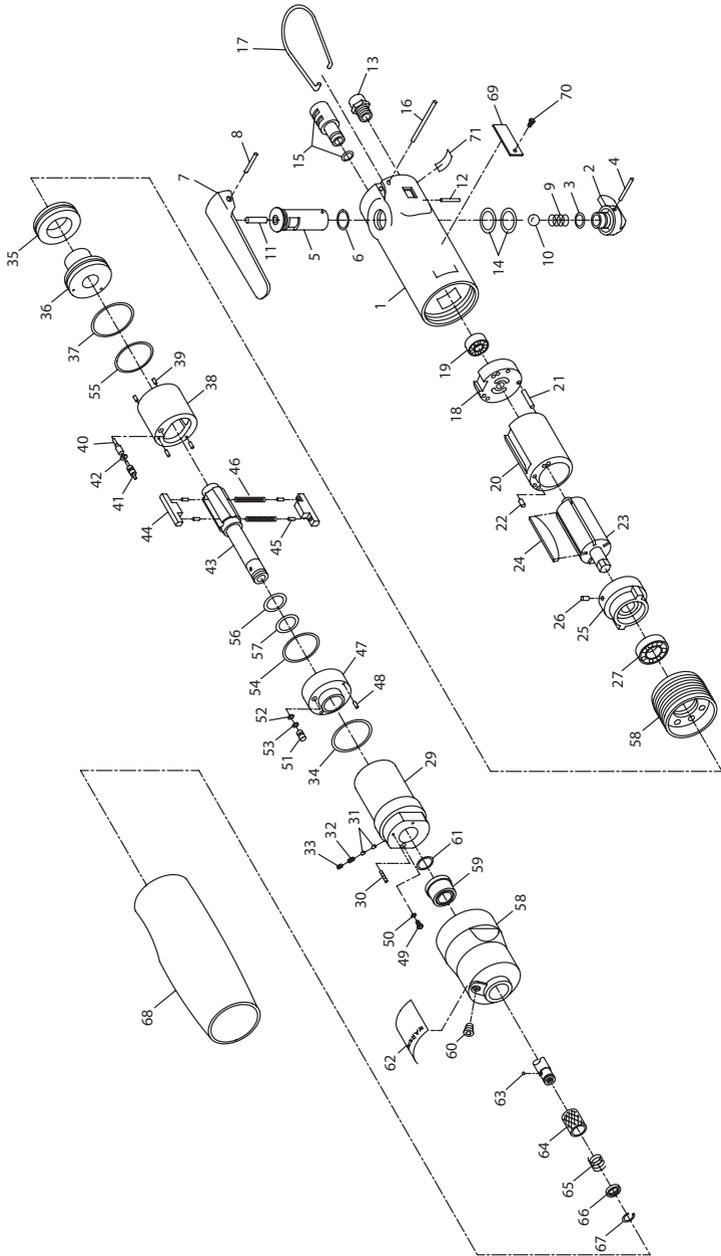


380SQ1, Air Impulse Wrench (Twin Blade) - Exploded View



(Dwg. TPA1341)

380SQ1, Air Impulse Wrench (Twin Blade) - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Housing Assembly	380SQ-A40	47	Front Liner Cover Assembly	380PQ-A211
1	Motor Housing	380SQ-40	48	Liner Cover Pin	180PQ-232
2	Reverse Lever Assembly	180SQ-A328	49	Oil Plug	180PQ-277
3	Reverse Lever Seal	EQ106S-119	50	Oil Plug Seal	EQ110P-288
4	Reverse Lever Pin	EQ106S-152	51	Oil Stop Cap Assembly	180PQ-A38
5	Reverse Valve Assembly	180SQ-A329	52	Stop Cap O-ring	EQ106P-288
6	Reverse Valve Seal	EQ106P-283	53	Back-up Ring	380SQ-272
7	Throttle Lever	EQ106S-273	54	Front Liner Seal	EQ104S-236
8	Throttle Lever Pin	EQ106S-120	55	Rear Liner Seal	180PQ-273
9	Throttle Valve Spring	380SQ-219	56	Drive Shaft Seal	180PQ-271
10	Throttle Ball	180PQ-929	57	Seal Back-up Ring	380PQ-272
11	Throttle Plunger	180SQ-298	58	Mechanism Cover Assembly	380PQ-A727
12	Cylinder Alignment Pin	EQ106P-99	59	Cover Bushing	180PQ-641
13	Inlet Bushing	EQ106S-565	60	Adjustment Hole Plug	180PQ-95
14	Reverse Valve Bushing Seal (2)	EQ106P-283	61	Bushing Spacer	180PQ-229
15	Exhaust Deflector Assembly	180PQ-A23	62	Warning Label	
16	Deflector Retaining Pin	EQ106P-152		for 380SQ1	EQ104S-999
17	Suspension Bail	EQ106S-365		for models ending in -EU	EU-99
	Motor Assembly	380SQ-A53		Bit Chuck Assembly	180PQ-A667
18	Rear End Plate Assembly	380SQ-A12	63	Bit Retaining Ball	EQ104S-929
19	Rear Rotor Bearing	500A-22	64	Bit Retaining Sleeve	EQ104S-930
20	Cylinder Assembly	380SQ-A3	65	Retaining Sleeve Spring	EQ104S-931
21	Rear End Plate Alignment Pin	EQ112P-99	66	Spring Seat	EQ104S-932
22	Front End Plate Alignment Pin	EQ112P-99	67	Retaining Ring	EQ104S-933
23	Rotor	380PQ53	68	Rubber Housing Boot	380PQ-2
24	Vane Packet (set of 6 Vanes)	380PQ426	69	Nameplate	
25	Front End Plate Assembly	380PQA11		for model 380SQ1	380SQ-301
26	Alignment Pin	380SQ298		for models ending in -EU	380SQ1-EU-301
27	Front End Plate Bearing	500P22	70	Nameplate Driver Screw (2)	EQ106S-322
28	Front End Plate Spacer	380PQ41	71	Oil Daily Label	500P-69
	Impulse Unit Drive Assembly	380PQA200	*	Motor Tune-up Kit (includes illustrated items 19, 24, 26, 27)	380PQ-K500
29	Housing Assembly	380PQA31			
30	Torque Adjustment Screw	180PQ230	*	Mechanism Tune-up Kit (includes illustrated items 34, 37, 42, 46, 50, 52, 53, 54, 55, 56, 57)	380PQ-K600
31	Adjustment Screw Plug Lock (2)	180PQ283			
32	Plug Lock Spring	180PQ219			
33	Plug Lock Screw	500A230	*	Fluid Replacement Kit (includes Fluid Syringe, Fill Tube and 4 oz [31 mL] of Replacement Fluid)	EQ106S-K400
34	Liner O-ring	EQ208S237			
35	Housing Cap	380PQ207			
36	Rear Liner Cover Assembly	380PQA212	*	Replacement Fluid (4 oz)	EQ106S-400-1
37	Liner Cover O-ring	380PQ236	*	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	---
38	Liner Assembly	380PQA203			
39	Liner Pin (4)	180PQ298			
40	Relief Valve	380PQ222	*	Fixture and a pressing fixture that has a Disassembly Arbor and Pressing Sleeve)	180PQ-99
41	Spring Guide Assembly	380PQA255			
42	Spring Guide Seal	180PQ272			
43	Drive Shaft	380PQ626			
44	Blade Assembly (2)	380PQ-A627		Rotation Label (for-EU models only)	
45	Blade Assembly Pin (2 per assembly)	500A-120		forward	7802R-EU-F99
46	Blade Spring (2)	380PQ-568		reverse	7802R-EU-F99

* 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 04580916.

Product Information Manual 47133053.

Maintenance Information Manual 47109491.

Manuals can be downloaded from www.ingersollrandproducts.com



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