



47135637
Edition 1
September 2010

Air Impulse Wrench (Twin Blade)

Model 380P and 380PQ1

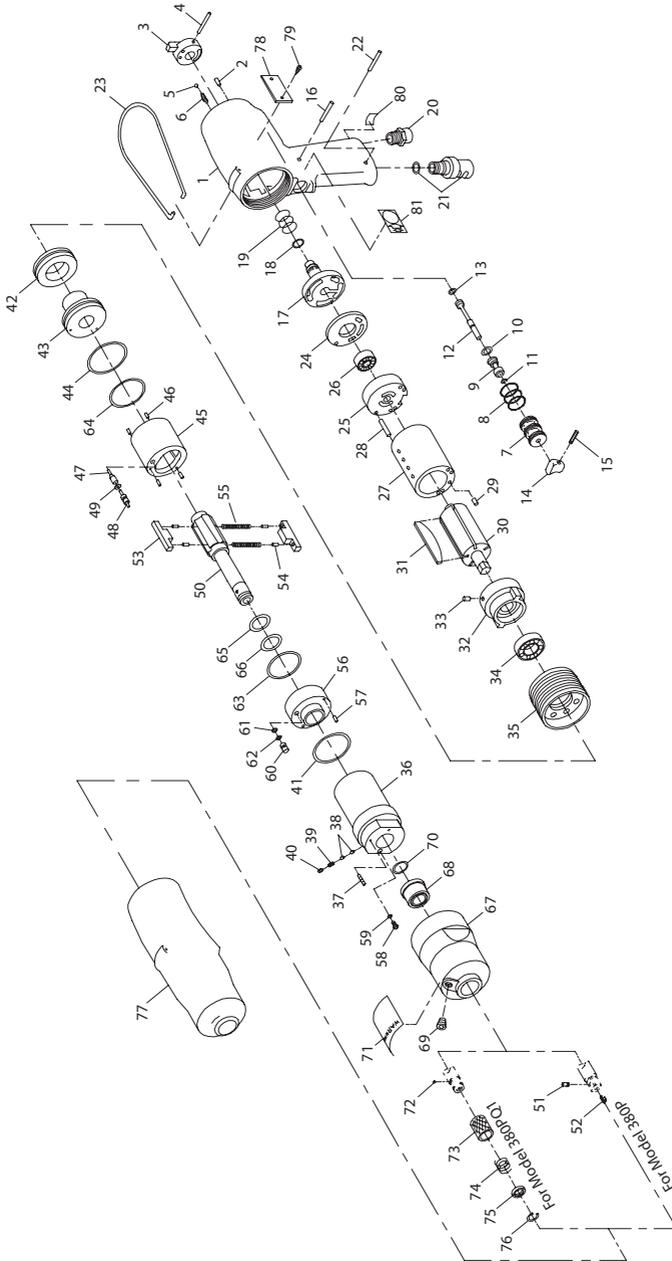
Parts Information



Save These Instructions

 **Ingersoll Rand**

380P and 380PQ1, Air Impulse Wrench (Twin Blade) - Exploded View



(Dwg. TPA1340)

380P and 380PQ1, Air Impulse Wrench (Twin Blade) - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Housing Assembly	380PQ-A40	50	Drive Shaft Assembly (for model 380P)	380P-A626A
1	Motor Housing	380PQ-40	51	Socket Retaining Pin	5020-716
2	Reverse Lever Alignment Pin	EQ1045-299	52	Retaining Pin Spring	401-718
3	Reverse Lever	180PQ-328	53	Blade Assembly (2)	380PQ-A267
4	Reverse Lever Pin	380PQ-298	54	Blade Assembly Pin (2 per assembly)	---
5	Reverse Lever Detent Ball	EQ1045-333	55	Blade Spring (2)	380PQ-568
6	Reverse Lever Detent Spring	180PQ-566	56	Front Liner Cover Assembly	380PQ-A211
7	Throttle Bushing Assembly	EQ106P-A503	57	Liner Cover Pin	180PQ-232
8	Throttle Bushing Seal (3)	EQ106P-283	58	Oil Plug	180PQ-277
9	Throttle Valve Assembly	EQ106SP-A304	59	Oil Plug Seal	EQ110P-288
10	Throttle Valve Seal	EQ106S-159	60	Oil Stop Cap Assembly	180PQ-A38
11	Valve Retaining Ring	EQ106P-303	61	Stop Cap O-ring	EQ106P-288
12	Throttle Rod Assembly	EQ106P-A302	62	Back-up Ring	380SQ-272
13	Throttle Rod Seal	EQ106P-288	63	Front Liner Seal	EQ1045-236
14	Trigger	EQ106P-93	64	Rear Liner Seal	180PQ-273
15	Trigger Pin	EQ106P-265	65	Drive Shaft Seal	180PQ-271
16	Throttle Retaining Pin	180PQ-120	66	Seal Back-up Ring	180PQ-272
17	Reverse Valve Assembly	380PQ-A329	67	Mechanism Cover Assembly	380PQ-A727
18	Reverse Valve Seal	180PQ-67	68	Cover Bushing	180PQ-641
19	Reverse Valve Spring	180PQ-567	69	Adjustment Hole Plug	180PQ-95
20	Inlet Bushing	EQ106S-565	70	Bushing Spacer	180PQ-229
21	Exhaust Deflector Assembly	180PQ-A23	71	Warning Label	
22	Deflector Retaining Pin	EQ106P-152		for models ending in -EU	EU-99
23	Suspension Bail	EQ106S-365		for all other models	WARNING-2-99
24	Rear End Plate Spacer	380PQ-43		Bit Chuck Assembly (for model 380PQ1)	180PQ-A667
	Motor Assembly	380PQ-A53	72	Bit Retaining Ball	EQ1045-929
25	Rear End Plate Assembly	380PQ-A12	73	Bit Retaining Sleeve	EQ1045-930
26	Rear Rotor Bearing	500A-22	74	Retaining Sleeve Spring	EQ1045-931
27	Cylinder Assembly	380PQ-A3	75	Spring Seat	EQ1045-932
28	Rear End Plate Alignment Pin	180PQ-152	76	Retaining Ring	EQ1045-933
29	Front End Plate Alignment Pin	EQ112P-99	77	Rubber Housing Boot	380PQ-2
30	Rotor	380PQ-53	78	Nameplate	
31	Vane Packet (Set of 6 Vanes)	380PQ-42-6		for model 380P	380P-301
32	Front End Plate Assembly	380PQ-A11		for model 380PQ1	380PQ-301
33	Alignment Pin	380SQ-298		for models ending in -EU	280P-EU-301
34	Front End Plate Bearing	500P-22	79	Nameplate Drive Screw (2)	EQ106S-322
35	Front End Plate Spacer	380PQ-41	80	Oil Daily Label	500P-69
	Impulse Unit Drive Assembly		81	Two Speed Throttle Label	180PQ-68
	for model 380P	380P-A200	*	Motor Tune-up Kit (includes illustrated items 26, 31 and 34)	380PQ-K500
	for model 380PQ1	380PQ-A200			
36	Housing Assembly	380PQ-A31	*	Fluid Replacement Kit (includes Fluid Syringe, Fill Tube and 4 oz (31 mL) of Replacement Fluid)	EQ106S-K400
37	Torque Adjustment Screw	180PQ-230			
38	Adjustment Screw Plug	---			
39	Lock (2)	180PQ-283	*	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)	180PQ-99
39	Plug Lock Spring	180PQ-219			
40	Plug Lock Screw	500A-230			
41	Liner O-ring	EQ208S-237			
42	Housing Cap	380PQ-207			
43	Rear Liner Cover Assembly	380PQ-A212			
44	Liner Cover O-ring	380PQ-236	*	Driveshaft/Liner Replacement Kit (includes illustrated parts 45 and 50)	
45	Liner Assembly	380PQ-A203A		For model 380PQ1	380PQ-K203
46	Liner Pin (4)	180PQ-298		For model 380P	380P-K203
47	Relief Valve	380PQ-222			
48	Spring Guide Assembly	380PQ-A255	*	Mechanism Tune-up Kit (includes illustrated items 41, 44, 49, 50, 51, 52, 55 [2], 59, 61, 62, 63, 64, 65, 66, 72 and 74)	380PQ-K600
49	Spring Guide Seal	180PQ-272			
50	Drive Shaft (for model 380PQ1)	380PQ-626A			

* 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 47109475.

Manuals can be downloaded from www.ingersollrandproducts.com

Notes:

Notes:

Notes:

www.ingersollrandproducts.com

© 2010 *Ingersoll Rand*

