



47135629
Edition 1
August 2010

Air Impulse Wrench (Twin Blade)

Models 500P, 500PQ1, 700P and 900P

Parts Information



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 **Ingersoll Rand**

500P, 500PQ1, 700P and 900P, Air Impulse Wrench (Twin Blade) - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Housing Assembly		25	Rear Rotor Bearing	
	for Models 500P and 500PQ1	500PQ-A40		for Models 500P, 500PQ1 and 700P	R0A2-22
	for Model 700P	700P-A40		for Model 900P	R38P-606
	for Model 900P	900P-A40		Cylinder	
1	Motor Housing		26	for Models 500P and 500PQ1	EQ106P-3
	for Models 500P and 500PQ1	500PQ-40		for Model 700P	EQ108P-3
	for Model 700P	700P-40		for Model 900P	EQ110P-3
	for Model 900P	900P-40		Rotor	
	Reverse Lever Assembly	500PQ-A328	27	for Models 500P and 500PQ1	EQ106P-53
2	Reverse Lever	500PQ-328		for Model 700P	EQ108P-53
3	Reverse Lever Alignment Pin	EQ112P-99		for Model 900P	EQ110P-53
4	Reverse Lever Retaining Pin	1805Q-152	28	Vane Packet (set of 6 Vanes)	
5	Reverse Valve Bushing			for Models 500P and 500PQ1	EQ106P-42-6
	for Models 500P and 500PQ1	500PQ-330		for Model 700P	EQ108P-42-6
	for Models 700P and 900P	700P-330		for Model 900P	EQ110P-42-6
6	Reverse Valve		Front End Plate Assembly		
	for Models 500P and 500PQ1	500PQ-329	for Models 500P and 500PQ1	500PQ-A11	
	for Models 700P and 900P	700P-329	for Model 700P	700P-A11	
7	Reverse Valve Detent Ball	500P-333		for Model 900P	900P-A11
8	Reverse Valve Detent Spring	500PQ-51	29	Front End Plate Assembly	
9	Reverse Valve Retainer	500PQ-303		for Models 500P and 500PQ1	EQ106P-A11
10	Suspension Hole Liner	EQ106P-366		for Model 700P	700P-B11
11	Throttle Bushing Assembly	EQ106P-A503		for Model 900P	EQ110P-A11
12	Throttle Bushing Seal (3)	EQ106P-283	30	End Plate Alignment Dowel	
13	Throttle Valve Assembly	EQ106P-A304	31	Front Rotor Bearing	
14	Throttle Valve Seal	EQ106S-159		for Models 500P, 500PQ1 and 700P	EQ106S-22
15	Valve Retaining Ring	EQ106P-303		for Model 900P	WFS182-22
16	Throttle Rod Assembly	EQ106P-A302	32	Motor Case Cover Assembly	
17	Throttle Rod Seal	EQ106P-288		for Models 500P and 500PQ1	500PQ-A202
18	Trigger	EQ106P-93		for Model 700P	700P-A202
19	Trigger Pin	EQ106P-265		for Model 900P	900P-A202
20	Throttle Retaining Pin	180PQ-120	33	Suspension Hole Liner	
21	Inlet Bushing	EQ106S-565	34	Motor Case Cover Gasket	
22	Exhaust Deflector			for Models 500P and 500PQ1	500PQ-739
	Motor Assembly			for Model 700P	700P-747
	for Models 500P and 500PQ1	500PQ-A53		for Model 900P	900P-739
	for Model 700P	700P-A53	Rear End Plate Gasket		
	for Model 900P	900P-A53	for Models 500P and 500PQ1	---	
	Rear End Plate Assembly		for Model 700P	---	
	for Models 500P and 500PQ1	500PQ-A12	for Model 900P	900P-740	
	for Model 700P	700P-A12	36	Motor Case Cover Screw (3)	
	for Model 900P	900P-A12		for Models 500P, 500PQ1 and 700P	700P-638
				for Model 900P	1100P-638
23	Rear End Plate Assembly		37	Cover Screw Lock Washer (3)	
	for Models 500P and 500PQ1	EQ106P-A12		for Models 500P, 500PQ1 and 700P	500P-58
	for Model 700P	700P-B12		for Model 900P	900P-58
	for Model 900P	EQ110P-A12			
24	End Plate Alignment Dowel (2)	EQ106P-99			

500P, 500PQ1, 700P and 900P, Air Impulse Wrench (Twin Blade) - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Hammer Case Assembly			Impulse Unit Drive Assembly	
	for Models 500P and 500PQ1	500PQ-A727		for model 500P	500P-A200
	for Model 700P	700P-A727		for model 500PQ1	500PQ-A200
	for Model 900P	900P-A727		for Model 700P	700P-A200
38	Hammer Case			for Model 900P	900P-A200
	for Models 500P and 500PQ1	500PQ-727	50	Liner Housing	
	for Model 700P	700P-727		for Models 500P and 500PQ1	EQ2085-240
	for Model 900P	900P-727		for Model 700P	EQ2105-240
39	Hammer Case Bushing	EQ1065-641		for Model 900P	EQ212P-240
40	Adjustment Hole Plug	180PQ-95		Front Cover Assembly	
41	Hammer Case Gasket			for Models 500P, 500PQ1 and 700P	500PQ-A211
	for Models 500P, 500PQ1 and 700P	700P-739		for Model 900P	900P-A211
	for Model 900P	900P-741	51	Front Liner Cover Assembly	
42	Hammer Case Cap Screw (3)			for Models 500P, 500PQ1 and 700P	500P-A211
	for Models 500P, 500PQ1 and 700P	500PQ-638		for Model 900P	900P-B211
	for Model 900P	1410P-638	52	Torque Adjustment Screw	
43	Cap Screw Lock Washer (3)			for Models 500P, 500PQ1 and 700P	EQ2085-230
	for Models 500P, 500PQ1 and 700P	500P-58		for Model 900P	EQ212P-230
	for Model 900P	900P-58	53	Adjustment Screw Lock	500PQ-288
44	Rubber Housing Boot		54	Oil Plug	EQ1065-277
	for Models 500P and 500PQ1	500PQ-2	55	Oil Plug Seal	EQ1065-228
	for Model 700P	700P-2	56	Oil Plug Seal Support	EQ1065-229
	for Model 900P	900P-2	57	Drive Shaft O-ring	
45	Nameplate			for Models 500P, 500PQ1 and 700P	EQ2085-271
	for model 500P	500P-301		for Model 900P	EQ110P-271
	for model 500PQ1	500PQ-301	58	Seal Back-Up Ring	
	for Model 700P	700P-301		for Models 500P, 500PQ1 and 700P	EQ1065-272
	for Model 900P	900P-301		for Model 900P	EQ110P-272
	for models ending in -EU	500P-EU-301	59	Front Liner Cover Piston Seal	
46	Nameplate Screw (2)	EQ1065-322		for Models 500P, 500PQ1 and 700P	EQ2085-238
47	Warning Label			for Model 900P	EQ112P-228
	for all models ending in -EU	EU-99	60	Liner Housing Seal	EQ1045-36
	for all other models	WARNING-2-99	61	Drive Shaft (only for models ending in PQ1)	500PQ-626
48	Oil Daily Label	500P-69		Drive Shaft Assembly (only for models ending in P)	
49	Two Speed Trigger Label	180PQ-68		for Model 500P	500P-A626
*	Motor Tune-up Kit (includes illustrated items 25, 28, 31 and 34)			for Model 700P	700P-A626
	for Models 500P and 500PQ1	500P-K500		for Model 900P	900P-A626
	for Model 700P	700P-K500	61	Drive Shaft	
	for Model 900P	---		for Models 500P and 500PQ1	500P-626
				for Model 700P	700P-626
				for Model 900P	900P-626
*	Motor Tune-up Kit (includes illustrated items 25, 28, 31, 34 and 35)		62	Socket Retaining Pin	5020-716
	for Models 500P and 500PQ1	---	63	Retaining Pin Spring	401-718
	for Model 700P	---			
	for Model 900P	900P-K500			

500P, 500PQ1, 700P and 900P, Air Impulse Wrench (Twin Blade) - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
64	Drive Shaft Blade (2)		73	Rear Liner Cover	
	for Models 500P and 500PQ1	EQ208S-220		for Models 500P, 500PQ1 and 700P	EQ208S-212
	for Model 700P	8020-1309-0000		for Model 900P	EQ212P-212
	for Model 900P	EQ212P-220	74	Housing Cap	
65	Blade Spring (2)			for Models 500P, 500PQ1 and 700P	EQ106S-207
	for Models 500P, 500PQ1 and 700P	EQ208S-219		for Model 900P	EQ110P-207
	for Model 900P	EQ212P-219		Bit Chuck Assembly (for model 500PQ1)	180PQ-A667
66	Liner Assembly		75	Bit Retaining Ball	EQ104S-929
	for Models 500P and 500PQ1	500PQ-A203	76	Bit Retaining Sleeve	EQ104S-930
	for Model 700P	700P-A203	77	Bit Sleeve Spring	EQ104S-931
	for Model 900P	900P-A203	78	Spring Seat	EQ104S-932
67	Liner Alignment Pin (4)		79	Retaining Ring	EQ104S-933
	for Models 500P, 500PQ1 and 700P	EQ208S-298	*	Fluid Replacement Kit	EQ106S-K400
	for Model 900P	EQ212P-298	*	Replacement Fluid (4 oz.)	EQ106S-400-1
68	Torque Valve Piston		*	Mechanism Tune-up Kit (includes illustrated items 55, 56, 57, 58, 59, 60, 70 and 72)	
	for Models 500P and 500PQ1	EQ208S-222		for Models 500P, 500PQ1 and 700P	500P-K600
	for Model 700P	EQ210S-222		for Model 900P	---
	for Model 900P	EQ212P-222			
69	Piston Stop Assembly (2)		*	Mechanism Tune-up Kit (includes illustrated items 41, 55, 56, 57, 58, 59 [2], 60 [2], 62, 63, 65 [2], 70 [2], 71 and 72)	
	for Models 500P and 500PQ1	EQ208S-A255		for Models 500P, 500PQ1 and 700P	---
	for Model 700P	700A-A255		for Model 900P	900P-K600
	for Model 900P	EQ212P-A255			
70	Piston Stop Seal (2)			Tool Kit (includes all the specialized tooling required to repair these tools and consists of a Spanner Plug, Threaded Tee Wrench, O-ring Installer and a pressing fixture that has a Disassembly Arbor and Pressing Sleeve)	700A-99
	for Models 500P, 500PQ1 and 700P	EQ106S-288			
	for Model 900P	EQ110P-288			
71	Piston Stop Assist Spring				
	for Models 500P and 500PQ1	EQ208S-219			
	for Model 700P	EQ212P-219			
	for Model 900P	1410P-219			
72	Rear Liner Cover Seal				
	for Models 500P, 500PQ1 and 700P	EQ208S-237			
	for Model 900P	EQ212P-237			

* 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 47109467.

Manuals can be downloaded from www.ingersollrandproducts.com

Notes:

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