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Air Impulse Wrench (Twin Blade)

Models 1100P, 1410P and 1900P

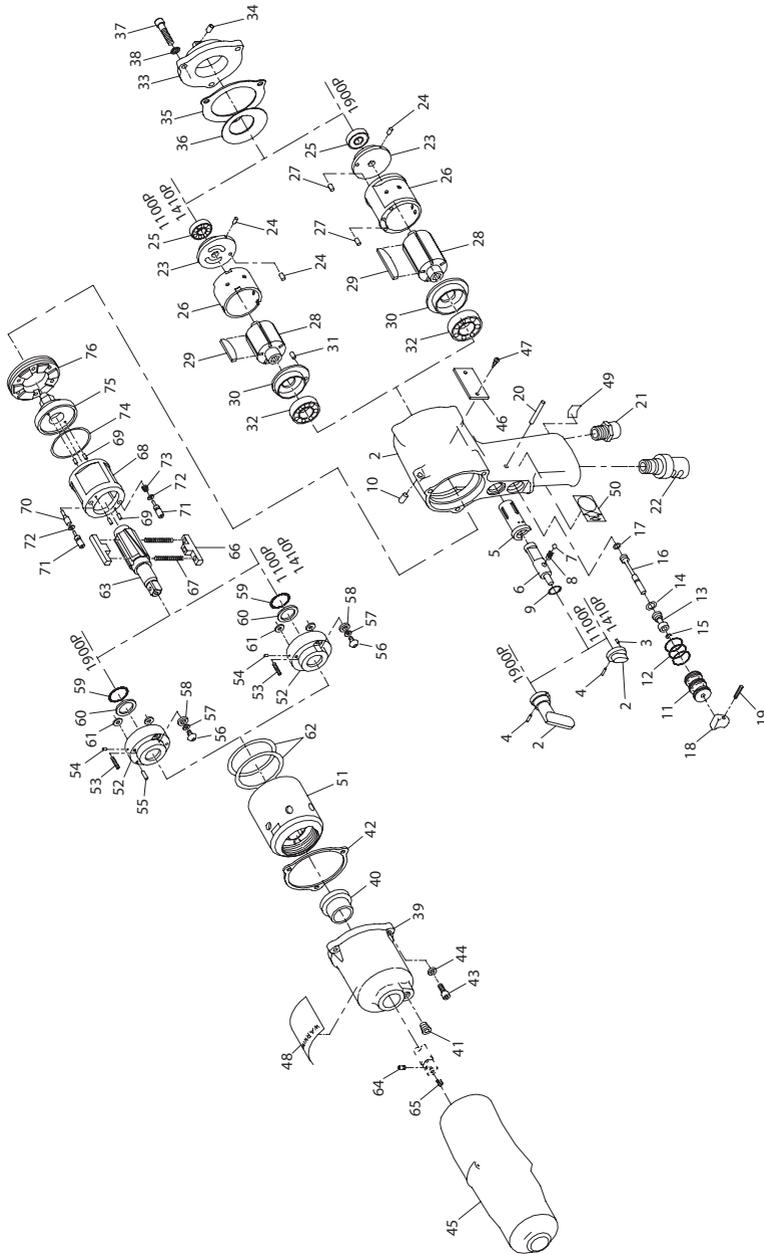
Parts Information



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1100P, 1410P and 1900P, Air Impulse Wrench (Twin Blade) - Exploded View



(Dwg. TPA1346)

1100P, 1410P and 1900P, Air Impulse Wrench (Twin Blade) - Parts List

Item	Parts Description	Part Number	Item	Parts Description	Part Number	
	Motor Housing Assembly		15	Valve Retaining Ring	EQ106P-303	
	for Model 1100P	1100P-A40	16	Throttle Rod Assembly		
	for Model 1410P	1410P-A40		for Model 1100P	EQ106P-A302	
	for Model 1900P	1900P-A40		for Models 1410P and 1900P	EQ112P-A302	
1	Motor Housing		17	Throttle Rod Seal	EQ106P-288	
	for Model 1100P	1100P-40	18	Trigger	EQ106P-93	
	for Model 1410P	1410P-40	19	Trigger Pin	EQ106P-265	
	for Model 1900P	1900P-40	20	Throttle Retaining Pin	180PQ-120	
2	Reverse Lever Assembly		21	Inlet Bushing	EQ106S-565	
	for Model 1100P	500PQ-A328	22	Exhaust Deflector		
	for Model 1410P	1410P-A328		for Model 1100P	1100P-A23	
	for Model 1900P	3000P-328		for Models 1410P and 1900P	EQ110P-23	
	Reverse Lever		Motor Assembly			
	for Model 1100P	500PQ-328		for Model 1100P	1100P-A53	
	for Model 1410P	----		for Model 1410P	1410P-A53	
	for Model 1900P	----		for Model 1900P	1900P-A53	
3	Reverse Lever Alignment Pin		Rear End Plate Assembly			
	for Models 1100P and 1410P	EQ112P-99		for Model 1100P	900P-A12	
	for Model 1900P	----		for Model 1410P	1410P-A12	
4	Reverse Lever Retaining Pin			for Model 1900P	1900P-A12	
	for Model 1100P	180SQ-152	23	Rear End Plate Assembly		
for Models 1410P and 1900P	3000P-152			for Model 1100P	EQ110P-A12	
5	Reverse Valve Bushing			for Model 1410P	1410P-B12	
	for Model 1100P	700P-330		for Model 1900P	1900P-B12	
	for Models 1410P and 1900P	1410P-330	24	End Plate Alignment Dowel (1 for 1900P; 2 for all others)		
Reverse Valve				for Model 1100P	EQ106P-99	
for Model 1100P	700P-329			for Model 1410P	EQ112P-99	
	for Models 1410P and 1900P	1410P-329		for Model 1900P	EQ104S-299	
7	Reverse Valve Detent Ball	500P-333				
8	Reverse Valve Detent Spring		25	Rear Rotor Bearing		
	for Model 1100P	500PQ-51			for Model 1100P	R38P-606
	for Models 1410P and 1900P	1900P-51			for Models 1410P and 1900P	R1AP-97
9	Reverse Valve Retainer		26	Cylinder Assembly		
	for Model 1100P	500PQ-303			for Model 1100P	1100P-3
	for Models 1410P and 1900P	1410P-303			for Model 1410P	1410P-3
10	Suspension Hole Liner			for Model 1900P	1900P-A3	
	for Models 1100P and 1410P	1100P-232	27	Cylinder Alignment Pin (2)		
	for Model 1900P	1900P-232			for Model 1100P	----
				for Model 1410P	----	
11	Throttle Bushing Assembly			for Model 1900P	1900P-152	
	for Models 1100P and 1410P	EQ106P-A503	28	Rotor		
	for Model 1900P	EQ112P-A503			for Model 1100P	1100P-53
Throttle Bushing Seal (3)	EQ106P-283			for Model 1410P	1410P-53	
13	Throttle Valve Assembly			for Model 1900P	1900P-53	
	for Model 1100P	EQ106P-A304	29	Vane Packet (set of 6 Vanes)		
for Models 1410P and 1900P	EQ112P-A304			for Model 1100P	1100P-42-6	
14	Throttle Valve Seal				for Model 1410P	1410P-42-6
	for Model 1100P	EQ106S-159		for Model 1900P	1900P-42-6	
	for Models 1410P and 1900P	EQ112P-159				

1100P, 1410P and 1900P, Air Impulse Wrench (Twin Blade) - Parts List

Item	Parts Description	Part Number	Item	Parts Description	Part Number	
	Front End Plate Assembly		40	Hammer Case Bushing	EQ110P-641	
	for Model 1100P	900P-A11	41	Adjustment Hole Plug	500P-95	
	for Model 1410P	1410P-A11	42	Hammer Case Gasket		
	for Model 1900P	----		for Model 1100P	900P-741	
30	Front End Plate Assembly		for Model 1410P	1410P-740		
	for Model 1100P	EQ110P-A11	for Model 1900P	1900P-740		
	for Model 1410P	1410P-B11	43	Hammer Case Cap Screw (3)		
	for Model 1900P	1900P-A11		for Model 1100P	1100P-638	
31	End Plate Alignment Dowel		for Model 1410P	1410P-638		
	for Model 1100P	EQ106P-99	for Model 1900P	1900P-638		
	for Model 1410P	EQ112P-99	44	Cap Screw Lock Washer (3)		
	for Model 1900P	----		for Models 1100P and 1410P	900P-58	
32	Front Rotor Bearing		for Model 1900P	EQ112P-58		
	for Model 1100P	WFS182-22	45	Rubber Housing Boot		
	for Model 1410P	R1-24A		for Model 1100P	1100P-2	
	for Model 1900P	1900P-22		for Model 1410P	1410P-2	
33	Motor Case Cover Assembly		for Model 1900P	1900P-2		
	for Model 1100P	900P-A202	46	Nameplate		
	for Model 1410P	1410P-A202		for models ending in -EU	500P-EU-301	
	for Model 1900P	1900P-A202		for all other models	1100P-301	
34	Suspension Hole Liner		47	Nameplate Screw (2)	EQ106S-322	
	for Model 1100P	EQ106P-366	48	Warning Label		
	for Model 1410P	1100P-232		for models ending in -EU	EU-301	
	for Model 1900P	1900P-232		for all other models	WARNING-2-99	
35	Motor Case Cover Gasket		49	Oil Daily Label	500P-69	
	for Model 1100P	900P-739	50	Two Speed Trigger Label	180PQ-68	
	for Model 1410P	1410P-739	*	Motor Tune-up Kit (includes illustrated items 25, 29, 32, 35, 36 and 42)		
	for Model 1900P	1900P-739		for Model 1100P	1100P-K500	
36	Rear End Plate Gasket			for Model 1410P	----	
	for Model 1100P	900P-740	for Model 1900P	----		
	for Model 1410P	----	*	Motor Tune-up Kit (includes illustrated items 25, 29, 32, and 35)		
	for Model 1900P	----		for Model 1100P	----	
37	Motor Case Cover Screw (3)			for Model 1410P	1410P-K500A	
	for Model 1100P	1100P-638	for Model 1900P	1900P-K500		
	for Model 1410P	1410P-638	51	Impulse Unit Drive Assembly		
	for Model 1900P	1900P-638		for Model 1100P	1100P-A200	
38	Cover Screw Lock Washer (3)			for Model 1410P	1410P-A200	
	for Models 1100P and 1410P	900P-58		for Model 1900P	1900P-A200	
	for Model 1900P	EQ112P-58	51	Liner Housing		
	Hammer Case Assembly			for Model 1100P	EQ212P-240	
for Model 1100P	900P-A727	for Model 1410P		1410P-240		
39	for Model 1410P	1410P-A727	for Model 1900P	1900P-240		
	for Model 1900P	1900P-A727	51	Front Cover Assembly		
	39	Hammer Case			for Model 1100P	900P-A211
		for Model 1100P		900P-727	for Model 1410P	1410P-A211
for Model 1410P		1410P-727		for Model 1900P	1900P-A211	
for Model 1900P	1900P-727					

1100P, 1410P and 1900P, Air Impulse Wrench (Twin Blade) - Parts List

Item	Parts Description	Part Number	Item	Parts Description	Part Number
52	Front Liner Cover Assembly		67	Blade Spring (2)	
	for Model 1100P	900P-B211		for Model 1100P	EQ212P-219
	for Model 1410P	1410P-B211		for Model 1410P	1410P-219
	for Model 1900P	1900P-B211		for Model 1900P	1900P-219
53	Torque Adjustment Screw		68	Liner Assembly	
	for Models 1100P and 1410P	EQ212P-230		for Model 1100P	900P-A203
	for Model 1900P	1900P-230		for Model 1410P	1410P-A203
54	Adjustment Screw Lock			for Model 1900P	1900P-A203
	for Models 1100P and 1410P	900P-288	69	Liner Alignment Pin (4)	EQ212P-298
	for Model 1900P	2400P-288			
55	Alignment Pin		70	Torque Valve Piston	
	for Models 1100P and 1410P	----		for Model 1100P	1100P-222
	for Model 1900P	1900P-120		for Model 1410P	1410P-222
			for Model 1900P	1900P-222	
56	Oil Plug		71	Piston Stop Assembly (2)	
	for Models 1100P and 1410P	EQ106S-277		for Model 1100P	EQ212P-A255
	for Model 1900P	EQ230P-277		for Model 1410P	1410P-A255
57	Oil Plug Seal			for Model 1900P	1900P-A255
	for Models 1100P and 1410P	EQ106S-228			
	for Model 1900P	EQ208S-238			
58	Oil Plug Seal Support			Piston Stop	
	for Models 1100P and 1410P	EQ106S-229		for Models 1100P and 1410P	----
	for Model 1900P	EQ230P-229		for Model 1900P	1900P-255
59	Drive Shaft O-ring	EQ110P-271	72	Piston Stop Seal (2)	
60	Seal Back-Up Ring	EQ110P-272		for Models 1100P and 1410P	EQ110P-288
				for Model 1900P	EQ104S-288
61	Front Liner Cover Piston Seal (2)		73	Piston Stop Assist Spring	
	for Model 1100P	EQ212P-238		for Models 1100P and 1410P	1410P-219
	for Model 1410P	EQ208S-238		for Model 1900P	1900P-219
	for Model 1900P	2400P-237	74	Rear Liner Cover Seal	
62	Liner Housing Seal (2)			for Model 1100P	EQ212P-237
	for Model 1100P	EQ212P-236		for Model 1410P	1410P-228
	for Model 1410P	1410P-236	for Model 1900P	2400P-238	
	for Model 1900P	1900P-238	75	Rear Liner Cover	
63	Drive Shaft Assembly			for Model 1100P	EQ212P-212
	for Model 1100P	900P-A626		for Model 1410P	1410P-212
	for Model 1410P	1410P-A626	for Model 1900P	1900P-212	
	for Model 1900P	1900P-A626	76	Housing Cap	
63	Drive Shaft			for Model 1100P	EQ110P-207
	for Model 1100P	900P-626		for Model 1410P	1410P-207
	for Model 1410P	1410P-626	for Model 1900P	EQ112P-207	
	for Model 1900P	1900P-626	* Fluid Replacement Kit	EQ106S-K400	
64	Socket Retaining Pin	804-716	* Repalcement Fluid (4 oz)	EQ106S-400-1	
65	Retaining Pin Spring	5UHD-718	* Mechanism Tune-up Kit (includes illustrated items 42, 57, 58, 59, 60, 61 [2], 62 [2], 64, 65, 67 [2], 72 [2] and 74)		
66	Drive Shaft Blade (2)			for Model 1100P	900P-K600A
	for Model 1100P	EQ212P-220		for Model 1410P	1410P-K600A
	for Model 1410P	1410P-220		for Model 1900P	1900P-K600A
	for Model 1900P	1900P-220			

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Item	Parts Description	Part Number	Item	Parts Description	Part Number
*	Fluid Replacement Kit	EQ106S-K400	*	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)	
*	Repalcement Fluid (4 oz)	EQ106S-400-1			
*	Mechanism Tune-up Kit (includes illustrated items 42, 57, 58, 59, 60, 61 [2], 62 [2], 64, 65, 67 [2], 72 [2] and 74)				
	for Model 1100P	900P-K600A			for Models 1100P and 1410P
	for Model 1410P	1410P-K600A			
	for Model 1900P	1900P-K600A		for Model 1900P	1900P-99

* 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 47109483.

Manuals can be downloaded from www.ingersollrandproducts.com

Notes:

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