



16574758
Edition 1
May 2006

Air Pulse Tools

Model 90P4

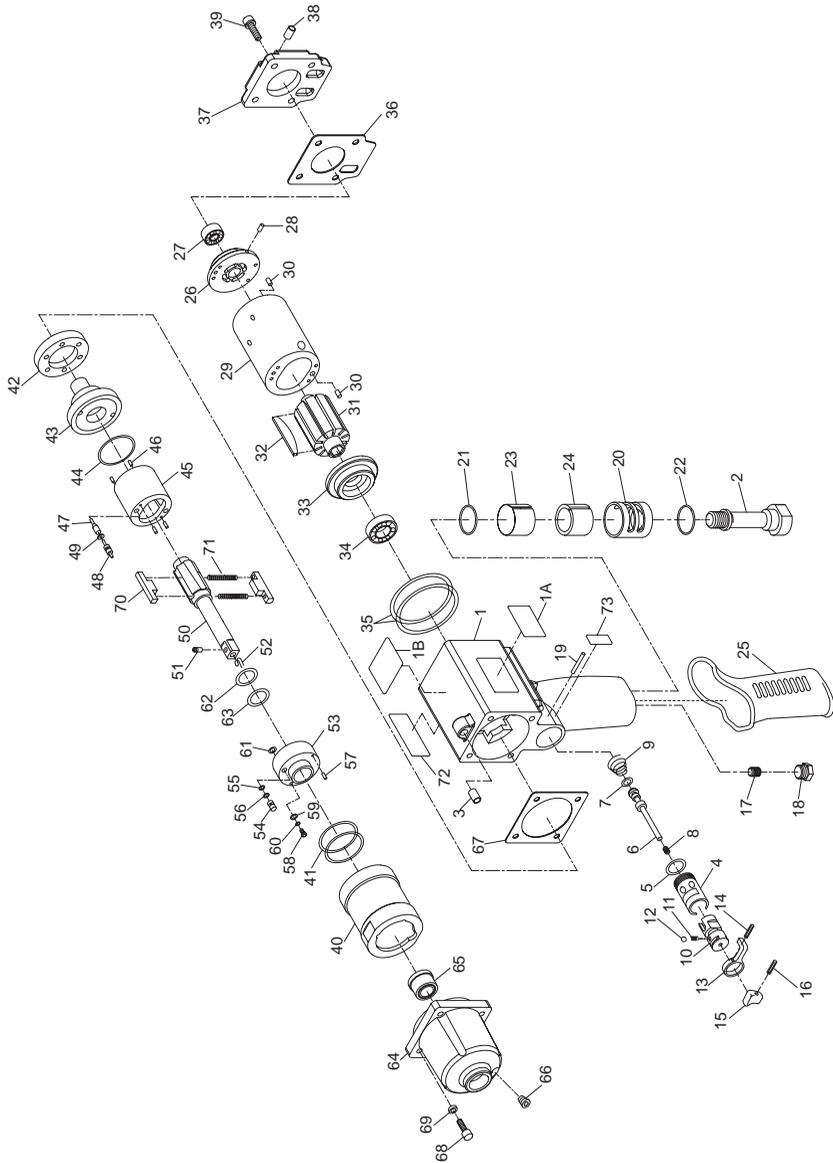
Parts Information



Save These Instructions

 **Ingersoll Rand**

90P4 Impulse Wrench Exploded Diagram



(Dwg. TPA1561-2)

90P4 Impulse Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Housing Assembly		35	O-Ring (2)	90P4-236
	for 90P4	90P4-A40	36	Motor Housing Cover Gasket	90P4-739
	for 90P4-EU	90P4-EU-A40	37	Motor Housing Cover Assembly	90P4-A202
1	Motor Housing		38	Roll Pin	70P3-232
	for 90P4	90P4-B40	39	Motor Housing Cover Bolt (4)	90P4-58
	for 90P4-EU	90P4-EU-B40	40	Liner Case	90P4-31
1A	Nameplate		41	Liner Case O-Ring (2)	EQ106S-36
	for 90P4	90P4-301	42	Liner Cap	90P4-207
	for 90P4-EU	90P4-EU-301	43	Liner Upper Cover	90P4-214
1B	Warning Label		44	O-Ring	90P4-237
	for 90P4	WARNING-22-99	45	Liner Assembly	90P4-A203
	for 90P4-EU	EU-99	46	Liner Pin (4)	90P4-297
2	Hose Joint	70P3-979	47	Relief Valve	90P4-222
3	Roll Pin	70P3-232	48	Spring Guide Assembly	EQ208S-A255
4	Throttle Bushing Assembly	70P3-A503	49	O-Ring	EQ106S-288
5	O-Ring	55P3-303		Drive Shaft Assembly	90P4-A626
6	Throttle Rod Assembly	70P3-A302	50	Drive Shaft	90P4-626
7	O-Ring	100PQ-288	51	Socket Retaining Pin	5020-716
8	Throttle Rod Spring	70P3-51	52	Retaining Pin Spring	401-718
9	Throttle Spring	70P3-289	53	Liner Lower Plate Assembly	90P4-A211
10	Reverse Valve	70P3-329	54	Torque Adjustment Screw	90P4-230
11	Reverse Valve Detent Spring	100PQ-568	55	Nylon Bushing	500PQ-288
12	Reverse Valve Detent Ball	EQ104S-929	56	Washer	90P4-228
13	Reverse Lever	100PQ-328	57	Roll Pin	90P4-235
14	Reverse Lever Pin	180SQ-152	58	Oil Plug	EQ106S-277
15	Trigger	70P3-328	59	Washer	EQ106S-229
16	Trigger Pin	EQ106P-265	60	O-Ring	EQ106S-228
17	Oil Chamber Screw	90P4-233	61	O-Ring (2)	EQ208S-238
18	Oil Plug	90P4-221	62	Drive Shaft Seal	90P4-272
19	Throttle Retaining Pin	100PQ-297	63	Backup Ring	90P4-224
20	Exhaust Cover	70P3-978		Mechanism Cover Assembly	90P4-A727
21	O-Ring	100PQ-236	64	Mechanism Cover	90P4-727
22	O-Ring	EQ106P-283	65	Main Shaft Bushing	90P4-641
23	Exhaust Element	70P3-505	66	Adjustment Hole Plug	180PQ-95
24	Exhaust Element	70P3-506	67	Mechanism Cover Gasket	70P3-739
25	Rubber Grip	70P3-2	68	Mechanism Cover Bolt (4)	1410P-638
	Rear End Plate Assembly	90P4-A212	69	Mechanism Cover Washer (4)	900P-58
26	Rear End Plate	90P4-212	70	Blade (2)	90P4-220
27	Rear Rotor Bearing	500P-22	71	Blade Spring	EQ212P-219
28	Pin	70P3-297	72	Information Label	55P3-99
29	Cylinder Assembly	90P4-A3	73	Rotation Label	60P3-99
30	Cylinder Pin (2)	380SQ-298	*	Motor Tune-up Kit (includes illustrated parts 27, 32, 34, 35[2] and 36)	90P3-K500
31	Rotor	90P4-53			
32	Vane Packet (set of 9 Vanes)	90P4-42-9	*	Mechanism Tune-up Kit (includes illustrated items 41[2], 44, 49, 51, 52, 55, 56, 60, 61[2], 63, 67 and 71)	90P3-K600A
	Front End Plate Assembly	90P4-A11			
33	Front End Plate	90P4-11			
34	Front Rotor Bearing	EQ106S-22			

* 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:
Air Pulse Tools Product Safety Information Manual 04584983.
Air Pulse Tools Product Information Manual 80167596 and 80167604.
Air Pulse Tools Maintenance Information Manual 16575391.

Manuals can be downloaded from www.irtools.com.

Notes

Notes

www.irtools.com

© 2006 Ingersoll Rand Company

