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Air Pulse Tools

55P3, 55PQ1, 60P3 and 60PQ1

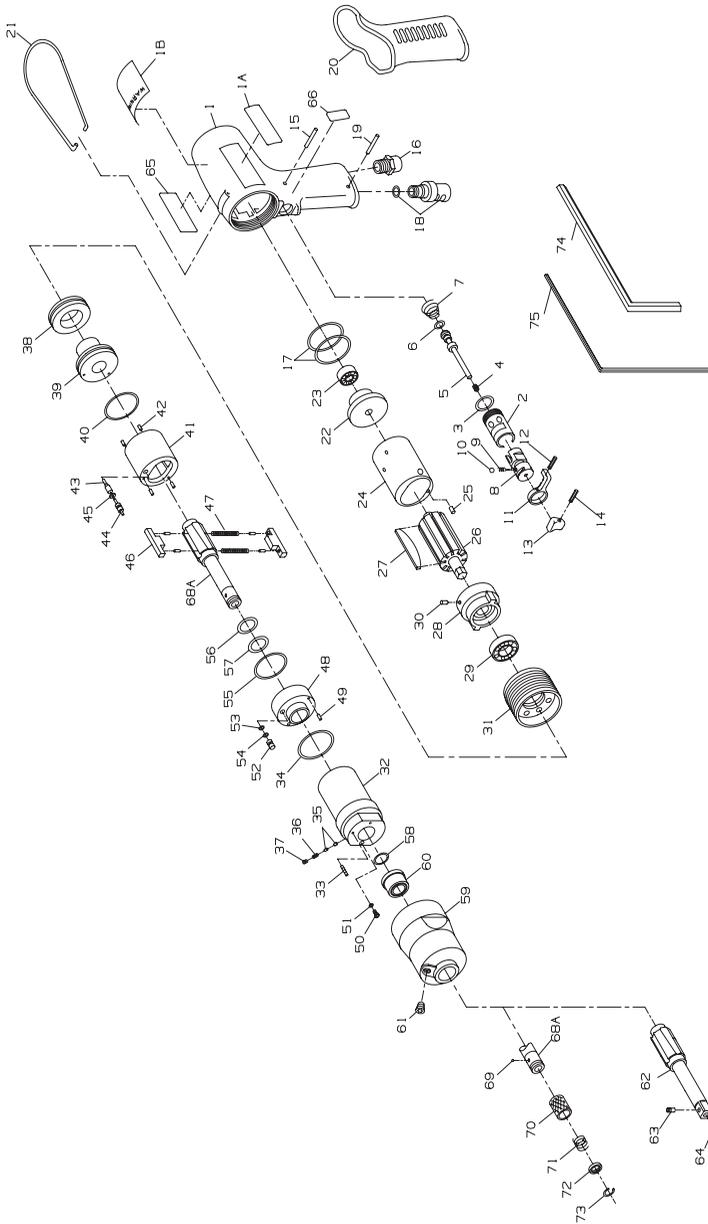
Parts Information



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 **Ingersoll Rand**[®]

55P3, 55PQ1, 60P3 and 60PQ1 Impulse Wrench Exploded Diagram



(Dwg. TPA1558-2)

55P3, 55PQ1, 60P3 and 60PQ1 Impulse Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Housing Assembly		27	Vane Packet (set of 9 Vanes)	
	for 55P3	55P3-A40		for 55P	55P3-42-9
	for 55P3-EU	55P3-EU-A40		for 60P	60P3-42-9
	for 55PQ1	55PQ-A40		Front End Plate Assembly	
	for 55PQ1-EU	55PQ-EU-A40		for 55P	55P3-A11
	for 60P3	60P3-A40		for 60P	60P3-A11
	for 60P3-EU	60P3-EU-A40	28	Front End Plate	
	for 60PQ1	60PQ-A40		for 55P	55P3-11
	for 60PQ1-EU	60PQ-EU-A40		for 60P	60P3-11
1	Motor Housing		29	Front Rotor Bearing	500P-22
	for 55P3	55P3-B40	30	Pin	380SQ-298
	for 55P3-EU	55P3-EU-B40	31	Front End Plate Spacer	
	for 55PQ1	55PQ-B40		for 55P	55P3-10
	for 55PQ1-EU	55PQ-EU-B40		for 60P	60P3-10
	for 60P3	60P3-B40	32	Mechanism Cover Assembly	
	for 60P3-EU	60P3-EU-B40		for 55P	180PQ-A31
	for 60PQ1	60PQ-B40		for 60P	60P3-A31
	for 60PQ1-EU	60PQ-EU-B40	33	Adjustment Screw	180PQ-230
1A	Nameplate		34	O-Ring	180PQ-236
	for 55P3	55P3-301	35	Rubber Plate (2)	
	for 55P3-EU	55P3-EU-301		for 55P	180PQ-283
	for 55PQ1	55PQ1-301		for 60P	60P3-283
	for 55PQ1-EU	55PQ1-EU-301	36	Spring	180PQ-219
	for 60P3	60P3-301	37	Screw	500A-230
	for 60P3-EU	60P3-EU-301	38	Liner Cap	180PQ-207
	for 60PQ1	60PQ1-301	39	Liner Upper Plate Assembly	60P3-A212
	for 60PQ1-EU	60PQ1-EU-301	40	Liner O-Ring	180PQ-273
1B	Warning Label		41	Liner Assembly	
	for models ending in -EU	EU-99		for 55P	55P3-A203
	for all other models	WARNING-22-99		for 60P	60P3-A203
2	Throttle Bushing Assembly	55P3-A503	42	Liner Pin (4)	55P3-297
3	O-Ring	55P3-303	43	Relief Valve	
5	Throttle Rod Assembly	EQ112P-A302		for 55P	180PQ-222
6	Throttle Rod Seal	100PQ-288		for 60P	280PQ-222
8	Reverse Valve	55P3-329	44	Spring Guide Assembly	
9	Reverse Lever Detent Spring	100PQ-568		for 55P	180PQ-A255
10	Reverse Lever Detent Ball	EQ104S-929		for 60P	280PQ-A255
11	Reverse Lever	100PQ-328	45	Spring Guide Seal	180PQ-272
12	Reverse Lever Pin	180SQ-152	46	Blade (2)	
13	Trigger	EQ106P-93		for 55P	55P3-220
14	Trigger Pin	EQ106P-265		for 60P	60P3-220
15	Throttle Retaining Pin	100PQ-297	47	Spring (2)	
16	Inlet	55P3-980		for 55P	180PQ-568
17	O-Ring (2)	55P3-223	48	Front Liner Cover Assembly	180PQ-A211
18	Exhaust Deflector Assembly	55P3-A23	49	Liner Cover Pin	180PQ-232
19	Deflector Retaining Pin	55P3-120	50	Oil Plug	180PQ-277
20	Rubber Grip	55P3-2	51	O-Ring	EQ110P-288
21	Hanger	EQ106S-365	52	Oil Stop Cap Assembly	180PQ-A38
	Rear End Plate Assembly	55P3-A212	53	O-Ring	EQ106S-288
22	Rear End Plate	55P3-212	54	Backup Ring	380SQ-272
23	Rear Rotor Bearing	500A-22	55	O-Ring	EQ104S-236
24	Cylinder Assembly		56	O-Ring	55P3-271
	for 55P	55P3-A3	57	Backup Ring	55P3-224
	for 60P	60P3-A3	58	Bushing Spacer	180PQ-229
25	Cylinder Pin	100PQ-297		Mechanism Cover Assembly	
26	Rotor			for 55P	55P3-A727
	for 55P	55P3-53		for 60P	60P3-A727
	for 60P	60P3-53			

55P3, 55PQ1, 60P3 and 60PQ1 Impulse Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
59	Mechanism Cover			Bit Holder Assembly	180P2-A667
	for 55 P	55P3-727	69	Ball (for PQ1)	EQ104S-929
	for 60P	60P3-727	70	Bit Retaining Sleeve (for PQ1)	EQ104S-930
60	Main Shaft Bushing	55P3-641	71	Retaining Sleeve Spring (for PQ1)	EQ104S-931
61	Adjustment Hole Plug		72	Spring Seat (for PQ1)	EQ104S-932
	for 55P	502-95	73	Retaining Ring (for PQ1)	EQ104S-933
	for 60P	60P3-95	74	Hexagon Wrench	55P3-900
62	Drive Shaft Assembly		75	Hexagon Wrench	55P3-901
	for 55P3	55P3-A626	*	Motor Tune-up Kit	
	for 60P3	60P3-A626		for 55P (includes illustrated items 17[2], 23, 27 and 29)	55P3-K500
63	Pin 3/8" (10 mm)	5020-716		for 60P (includes illustrated items 17[2], 23, 27 and 29)	60P3-K500
64	Spring 3/8" (10 mm)	401-718			
65	Information Label	55P3-99			
66	Rotation Label	60P3-99	*	Mechanism Tune-up Kit (includes illustrated items 32, 36, 40, 45, 47[2], 51, 53, 54, 55, 56, 57, 58, 63, 64, 69 and 71)	55P3-K600
68A	Drive Shaft				
	for 55PQ1	55P3-726			
	for 60PQ1	60P3-726			

* 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 04584983.
 Product Information Manual 80167596, 80167604.
 Product Maintenance Information Manual 16575375.

Manuals can be downloaded from www.irttools.com.

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