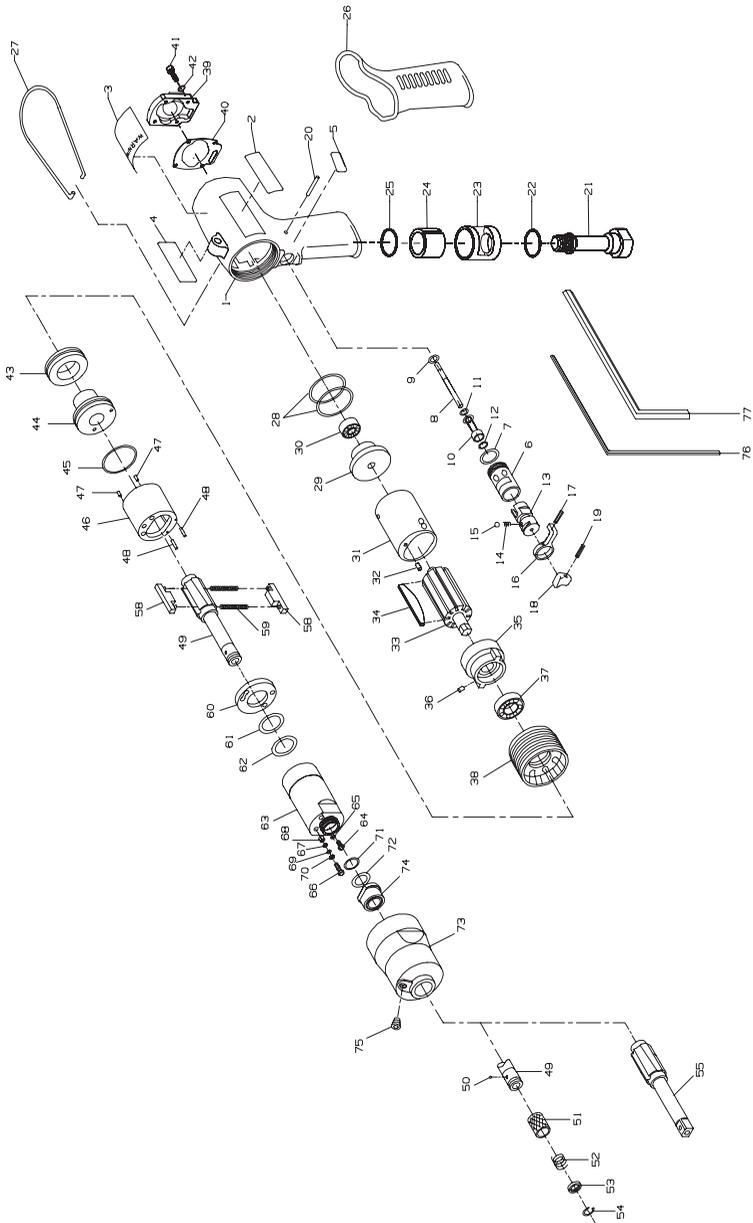


45P3 and 45PQ1 Impulse Wrench Exploded Diagram



(Dwg. TPA1633)

45P3 and 45PQ1 Impulse Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Housing Assembly		34	Vane Packet (set of 9 Vanes)	45P3-42-9
	for 45P3	45P3-A40		Front End Plate Assembly	45P3-A11
	for 45P3-EU	45P3-EU-A40	35	Front End Plate	45P3-11
	for 45PQ1	45PQ1-A40	36	Pin	45P3-297
	for 45PQ1-EU	45PQ1-EU-A40	37	Front Rotor Bearing	500P-22
1	Motor Housing		38	Front End Plate Spacer	45P3-10
	for 45P3	45P3-B40	39	Backcap	45P3-202
	for 45P3-EU	45P3-EU-B40	40	Backcap Gasket	45P3-739
	for 45PQ1	45PQ1-B40	41	Backcap Cap Screw (4)	45P3-638
	for 45PQ1-EU	45PQ1-EU-B40	42	Backcap Cap Screw Lock Washer (4)	45P3-58
2	Information Label	55P3-99	43	Liner Cap	45P3-207
3	Warning Label		44	Liner Upper Plate Assembly	45P3-A212
	for models ending in -EU	EU-99	45	Liner O-Ring	45P3-273
	for all other models	WARNING-2-99	46	Liner Assembly	45P3-A203
4	Nameplate		47	Liner Pin (2) (short) .192" /4.8mm	45P3-298
	for 45P3	45P3-301	48	Liner Pin (2) (long) .303" /7.7mm	45P3-299
	for 45P3-EU	45P3-EU-301		Drive Shaft Assembly (for 45PQ1)	45P3-A726
	for 45PQ1	45PQ1-301	49	Drive Shaft	45P3-726
	for 45PQ1-EU	45PQ1-EU-301	50	Ball	EQ104S-929
5	Rotation Label	60P3-99	51	Bit Retaining Sleeve	EQ104S-930
6	Throttle Bushing Assembly	45P3-A503	52	Retaining Sleeve Spring	EQ104S-931
7	O-Ring	45P3-288	53	Spring Seat	EQ104S-932
8	Throttle Rod Assembly	EQ112P-A302	54	Retaining Ring	EQ104S-933
9	Throttle Rod Seal	100PQ-288	55	Drive Shaft Assembly (for 45P3)	45P3-A626
10	Throttle Rod Bushing	45P3-A303	55a	Pin	45PS3-98
11	Seal	EQ106S-288	55b	Spring	45PS3-718
12	O-Ring	EQ106P-303	55c	Blind Cap	45PS3-202
13	Reverse Valve	45P3-329	58	Blade (2)	45P3-220
14	Reverse Lever Detent Spring	100PQ-568	59	Blade Spring (2)	45P3-568
15	Reverse Lever Detent Ball	EQ104S-929	60	Front Liner Cover	45P3-239
16	Reverse Lever	100PQ-328	61	Drive Shaft Seal	45P3-224
17	Reverse Lever Pin	180SQ-152	62	Back Ring	180PQ-229
18	Trigger	EQ106P-93	63	Mechanism Cover Assembly	45P3-A31
19	Trigger Pin	EQ106P-265	64	Oil Plug	180PQ-277
20	Throttle Retaining Pin	100PQ-297	65	Oil Plug O-Ring	EQ110P-288
21	Inlet	45P3-980	66	Torque Adjustment Screw	45P3-230
22	O-Ring	EQ106P-283	67	O-Ring	EQ106P-288
23	Exhaust Deflector	45P3-978	68	Pin	380SQ-272
24	Exhaust Element	45P3-506	69	Back-up Ring	45P3-236
25	O-Ring	110PQ-236	70	Nylon Ring	45PQ-272
26	Boot	45P3-2	71	Mechanism Cover Retaining Ring	45PQ-271
27	Hanger	EQ106S-365	72	Washer	45P3-229
28	Motor Housing O-Ring (2)	45P3-223		Hammer Case Assembly	45P3-A727
	Rear End Plate Assembly	45P3-A12	73	Hammer Case	45P3-727
29	Rear End Plate	45P3-12	74	Hammer Case Bushing	45P3-641
30	Rear Rotor Bearing	45P3-22	75	Adjustment Hole Plug	45P3-95
31	Cylinder Assembly	45P3-A3	76	Wrench	55P3-901
32	Cylinder Pin	45P3-297	77	Wrench	04355012
33	Rotor	45P3-53	*	Tool Kit	45P-199

* 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 Manuals 80167596, 80167604.
 Product Maintenance Manual 16575441.

Manuals can be downloaded from www.irttools.com.