



80206618
Edition 6
October 2012

Air Impulse Wrench

**Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3, Q80PQ1,
Q90P3, Q110P4, Q120P4, and Q140P4**

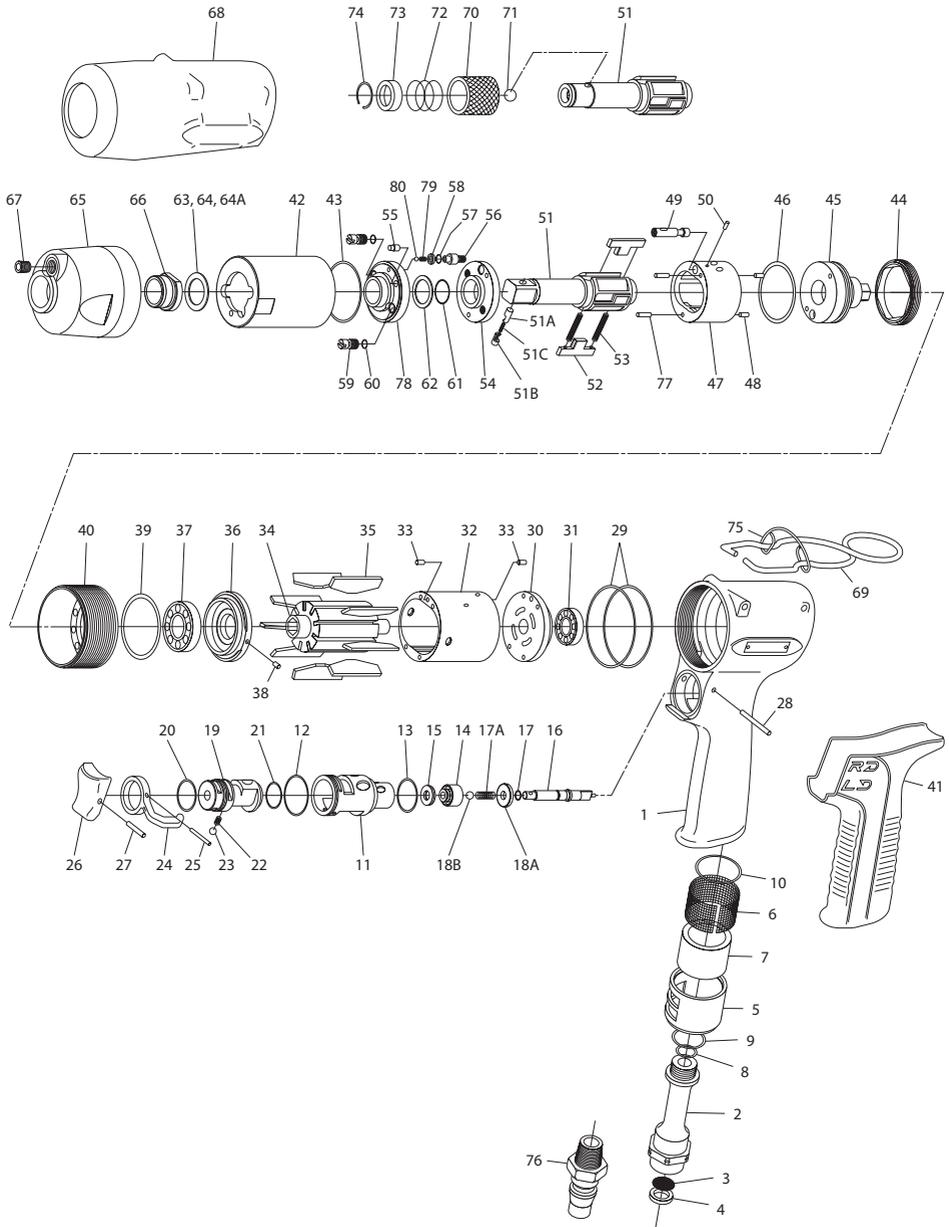
Parts Information



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IR *Ingersoll Rand*

Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3, Impulse Wrench - Exploded View



(Dwg. 16591976)

Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3, Impulse Wrench - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number	
	Motor Case Assembly		27	Spring Pin	EQ106P-265	
	for models Q60P3 and Q60PQ1	Y-0199-0011-0099	28	Pin	380PQ-298	
	for models Q70P3 and Q70PQ1	Y-0189-0011-0099	29	O-Ring (2)		
	for models Q80P3 and Q80PQ1	Y-0191-0011-0099		for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-9011-3004-0000	
	for model Q90P3	Y-0188-0011-0099		for model Q90P3	EQ110P-236	
1	Motor Case			Motor Assembly		
	Hose Joint Assembly			for models Q60P3 and Q60PQ1	Y-0199-0305-0099	
	for models Q60P3 and Q60PQ1	Y-0199-0113-0099		for models Q70P3 and Q70PQ1	Y-0186-0305-0099	
	for models Q70P3 and Q70PQ1	Y-0194-0113-0099		for models Q80P3 and Q80PQ1	Y-0191-0305-0099	
	for models Q80P3, Q80PQ1 and Q90P3	Y-0195-0113-0099		for model Q90P3	Y-0188-0305-0099	
2	Hose Joint	---		Upper Plate Assembly		
3	Strainer	70PS3-565		for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0186-0303-0099	
4	Washer	70PS3-442		for model Q90P3	Y-0181-0303-0199	
5	Exhaust Cover	80099013		Upper Plate		
6	Silencer Sheet	70P3-505	30	for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0186-0303-0000	
7	Silencer Sheet	100P4-503			for model Q90P3	Y-0181-0303-0100
8	O-Ring	180PQ-288			Ball Bearing	Y-9102-3001-0000
9	O-Ring	55P3-303			Liner Assembly	
10	O-Ring	Y-9010-6043-0000		for models Q60P3 and Q60PQ1	Y-0199-0425-0099	
10A	Spring Pin	N/A		for models Q70P3 and Q70PQ1	Y-0186-0425-0099	
	Throttle Assembly			for models Q80P3 and Q80PQ1	Y-0191-0425-0099	
	for models Q60P3 and Q60PQ1	Y-0181-0186-0299		for model Q90P3	Y-0181-0425-0099	
	for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	Y-0181-0186-0199		Cylinder Assembly		
11	Throttle Bushing	Y-0181-0104-0000		for models Q60P3 and Q60PQ1	Y-0199-0304-0099	
12	O-Ring	Y-9010-6030-0000		for models Q70P3 and Q70PQ1	Y-0186-0304-0099	
13	O-Ring	55P3-303		for models Q80P3 and Q80PQ1	Y-0191-0304-0099	
	Throttle Valve Assembly			for model Q90P3	Y-0181-0304-0199	
	for models Q60P3 and Q60PQ1	Y-0181-0108-0199		Cylinder	---	
	for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	Y-0181-0186-0199		Pin (2)		
14	Throttle Valve	---		for models Q60P3, Q60PQ1 and Q90P3	Y-8055-1040-0000	
15	Rubber Pad	80098437		for models Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-8673-2001-0000	
	Throttle Rod Bushing Assembly	N/A		Rotor		
14A	Throttle Rod Bushing	N/A		for models Q60P3 and Q60PQ1	Y-0199-0305-0000	
15A	O-Ring	N/A		for models Q70P3 and Q70PQ1	Y-0186-0305-0000	
	Throttle Rod Assembly	N/A		for models Q80P3 and Q80PQ1	Y-0191-0305-0000	
16	Throttle Rod	Y-0181-0106-0100		for model Q90P3	Y-0181-0305-0100	
16A	O-Ring	N/A		Vane (9)		
17	O-Ring	Y-9010-6034-0000		for models Q60P3 and Q60PQ1	Y-0371-0306-0000	
17A	Spring	Y-8020-1345-0000		for models Q70P3 and Q70PQ1	Y-0186-0306-0000	
18	Snap Ring	N/A		for models Q80P3 and Q80PQ1	Y-0191-0306-0000	
18A	Throttle Bushing Cap	80098452		for model Q90P3	Y-0181-0306-0000	
18B	Ball	80098460		Lower Plate Assembly		
19	Reverse Valve			for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0186-0307-0099	
	for models Q60P3 and Q60PQ1	Y-0181-0005-0100		for model Q90P3	Y-0188-0307-0099	
	for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	Y-0181-0005-0000		Lower Plate		
20	O-Ring	Y-9010-6031-0000		for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0186-0307-0000	
21	O-Ring	180SQ-289		for model Q90P3	Y-0188-0307-0000	
22	Spring	100PQ-568		Ball Bearing	Y-9102-1003-0000	
23	Ball	EQ104S-929				
24	Reverse Lever					
	for models Q60P3 and Q60PQ1	Y-2331-0007-0000				
	for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	45PS3-328				
25	Spring Pin	180SQ-152				
26	Throttle Knob	80098502				

Item	Part Description	Part Number	Item	Part Description	Part Number
38	Pin		50	Pin	Y-8051-1314-0000
	for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-8673-2001-0000		Main Shaft Assembly	
	for model Q90P3	Y-8055-1040-0000		for model Q60P3	Y-0199-0614-0098
39	ST-Packing	Y-8011-1008-0000	for model Q70P3	Y-0189-0614-0099	
40	Lower Plate Spacer		for model Q80P3	Y-0191-0614-0099	
	for models Q60P3 and Q60PQ1	Y-0199-0311-0000	for model Q90P3	Y-0188-0614-0099	
	for models Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0189-0311-0000	51	Main Shaft	
	for model Q90P3	Y-0188-0311-0000		for model Q60P3	Y-0199-0614-0098
41	Rubber Grip			for model Q60PQ1	Y-0199-0614-0051
	for models Q60P3 and Q60PQ1	Y-0188-0144-0000		for model Q70P3	Y-0189-0614-0101
for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	Y-0194-0144-0188	for model Q70PQ1		Y-0189-0614-0051	
42	Liner Case Assembly			for model Q80P3	Y-0191-0614-0201
	for model Q60P3	Y-0199-0422-0095		for model Q80PQ1	Y-0191-0614-0151
	for model Q60PQ1	Y-0199-0422-0098	for model Q90P3	Y-0188-0614-0101	
	for model Q70P3	Y-0189-0422-0099	51A	Plunger A	
	for model Q70PQ1	Y-0189-0422-0098		for models Q60P3, Q70P3, Q80P3 and Q90P3	Y-0186-1144-0001
	for model Q80P3	Y-0191-0422-0099		for models Q60PQ1, Q70PQ1, Q80PQ1	N/A
	for model Q80PQ1	Y-0191-0422-0098	51B	Plunger B	
for model Q90P3	Y-0188-0422-0099	for models Q60P3, Q70P3, Q80P3 and Q90P3		Y-0186-1144-0002	
43	O-Ring		for models Q60PQ1, Q70PQ1, Q80PQ1	N/A	
	for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-9010-6036-0000	51C	Spring 1.4 X 9.5	
	for model Q90P3	Y-9010-6042-0000		for models Q60P3, Q70P3, Q80P3 and Q90P3	Y-8020-1352-0000
	44	Liner Case		for models Q60PQ1, Q70PQ1, Q80PQ1	N/A
for models Q60P3 and Q60PQ1		Y-0199-0422-0000	52	Blade (2)	
for models Q70P3 and Q70PQ1		Y-0189-0422-0000		for models Q60P3 and Q60PQ1	Y-0371-0719-0000
for models Q80P3 and Q80PQ1		Y-0191-0422-0000	for models Q70P3 and Q70PQ1	180PQ-A627	
for model Q90P3		Y-0188-0422-0000	for models Q80P3 and Q80PQ1	Y-0081-0719-0400	
45	Liner Upper Plate		for model Q90P3	Y-0181-0719-0000	
	for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0186-0424-0000	53	Spring (2)	
	for model Q90P3	Y-0181-0423-0000		for models Q60P3 and Q60PQ1	180PQ-568
46	O-Ring			for models Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-8020-1349-0000
	for models Q60P3 and Q60PQ1	Y-9011-6064-0000	for model Q90P3	Y-8020-1346-0000	
	for models Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-9011-3003-0000	Liner Lower Plate Assembly		
	for model Q90P3	180PQ-236	for models Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0189-0426-0099	
47	Liner	---	for model Q90P3	Y-0188-0426-0099	
	48	Pin FF (4)		54	Liner Lower Plate
for models Q60P3 and Q60PQ1			for models Q60P3 and Q60PQ1		Y-0199-0426-0002
Pin 2X3.5 (2)		Y-8052-1028-0000	for models Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0189-0426-0000	
Pin 2X7.8 (2)		Y-8052-1029-0000	for model Q90P3	Y-0188-0426-0000	
for models Q70P3, Q70PQ1, Q80P3 and Q80PQ1		Y-8052-1041-0000	55	Pin	Y-0188-0308-0000
for model Q90P3		Y-8052-3004-0000		56	Adjust Bolt
49	Relief Valve		for models Q60P3 and Q60PQ1		Y-0371-0522-0000
	for models Q60P3 and Q60PQ1	Y-0199-0245-0100	for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	Y-0188-0522-0000	
	for models Q70P3 and Q70PQ1	Y-0186-0245-0000	57	O-Ring	EQ1065-288
	for models Q80P3 and Q80PQ1	Y-0191-0245-0000	58	Back-up Ring	Y-9090-1028-0000
	for model Q90P3	Y-0181-0245-0000	59	Oil Plug (2)	Y-0181-0010-0000
50	Pin		60	O-Ring (2)	EQ1065-288
	for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-8673-2001-0000	61	O-Ring	180PQ-271
	for model Q90P3	Y-8055-1040-0000	62	Back-up Ring	380PQ-272
	ST-Packing	Y-8011-1008-0000	63*	Washer	45PW3-229
51	Lower Plate Spacer		64*	Washer	180PQ-229
	for models Q60P3 and Q60PQ1	Y-0199-0311-0000			
52	for models Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0189-0311-0000			
	for model Q90P3	Y-0188-0311-0000			
53	Rubber Grip				
	for models Q60P3 and Q60PQ1	Y-0188-0144-0000			
54	for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	Y-0194-0144-0188			
	Liner Case Assembly				
	for model Q60P3	Y-0199-0422-0095			
	for model Q60PQ1	Y-0199-0422-0098			
	for model Q70P3	Y-0189-0422-0099			
	for model Q70PQ1	Y-0189-0422-0098			
	for model Q80P3	Y-0191-0422-0099			

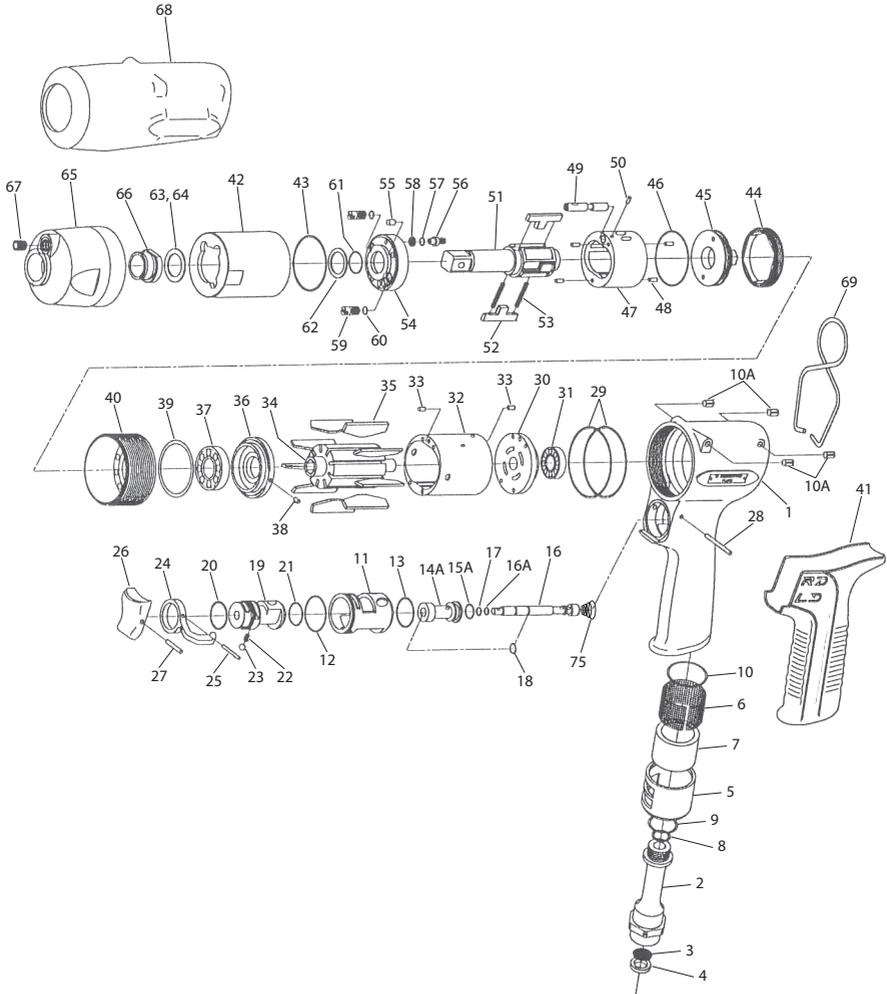
Item	Part Description	Part Number	Item	Part Description	Part Number
64A*	Washer	45P3-229	74	Retaining Ring	
	Hammer Case Assembly			for models Q60P3, Q70P3, Q80P3 and Q90P3	N/A
	for models Q60P3 and Q60PQ1	Y-0199-0401-0099		for models Q60PQ1, Q70PQ1 and Q80PQ1	EQ1045-933
	for models Q70P3 and Q70PQ1	Y-0189-0401-0099			
	for models Q80P3 and Q80PQ1	Y-0191-0401-0099	75	Hanger Clip	
	for model Q90P3	Y-0188-0401-0099		for models Q60P3 and Q60PQ1	Y-0190-1801-0000
65	Hammer Case			for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	N/A
	for models Q60P3 and Q60PQ1	Y-0199-0401-0000	76	Touch Joint	Y-9690-0002-0000
	for models Q70P3 and Q70PQ1	Y-0189-0401-0000	77	Pin FF (2 x 7.8) (2)	Y-8052-1029-0000
	for models Q80P3 and Q80PQ1	Y-0191-0401-0000	78	Liner Lower Plate (A)	Y-0371-0426-0001
	for model Q90P3	Y-0188-0401-0000	79	Spring (1.9 x 2.5)	Y-8020-1365-0000
66	Main Shaft Bushing		80	Ball (2mm)	Y-9150-1001-0000
	for models Q60P3, Q60PQ1, Q70P3, Q70PQ1, Q80P3 and Q80PQ1	Y-0189-0612-0000	+ #	Motor Tune Up Kit (includes 6, 7, 8, 9, 10, 12, 13, 15, 15A, 16A, 17, 17A, 18B, 20, 21, 22, 23, 29, 31, 35, 37, 39)	
	for model Q90P3	55P3-641		for models Q60P3 and Q60PQ1	Q60P-TK1
67	Socket Plug	502-95		for models Q70P3 and Q70PQ1	Q70P-TK1
68	Protector			for models Q80P3 and Q80PQ1	Q80P-TK1
	for models Q60P3, Q60PQ1, Q70P3 and Q70PQ1	Y-0189-0029-0000		for model Q90P3	Q90P-TK1
	for models Q80P3 and Q80PQ1	Y-0191-0029-0000	+ #	Mechanism Tune Up Kit (includes 43, 46, 53, 57, 58, 60, 61, 62)	
	for model Q90P3	Y-0188-0029-0000		for models Q60P3 and Q60PQ1	Q60P-TKMS1
69	Hanger			for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	Q70P-TKMS1
	for models Q60P3 and Q60PQ1	Y-0099-0017-0000	+	Hex. Wrench (H1.5x65x65)	55P3-900
	for models Q70P3, Q70PQ1, Q80P3, Q80PQ1 and Q90P3	Y-0188-0017-0000	+	Hex. Wrench (H5/32)	55P3-901
			+	Warning Label	WARNING-27-99
	Bit Chuck Assembly		+	Nameplate	
	for models Q60P3, Q70P3, Q80P3 and Q90P3	N/A		for model Q60P3 and Q60PQ1	Q60P-300
	for models Q60PQ1, Q70PQ1 and Q80PQ1	180PQ-A667		for model Q70P3	Q70P3-301
70	Bit Chuck			for model Q70PQ1	Q70PQ1-301
	for models Q60P3, Q70P3, Q80P3 and Q90P3	N/A		for model Q80P3	Q80P3-301
	for models Q60PQ1, Q70PQ1 and Q80PQ1	EQ1045-930		for model Q80PQ1	Q80PQ1-301
71	Ball			for model Q90P3	Q90P3-301
	for models Q60P3, Q70P3, Q80P3 and Q90P3	N/A	+	Information Label	
	for models Q60PQ1, Q70PQ1 and Q80PQ1	EQ1045-929		for model Q60P3	Q60P3-301
72	Spring			for model Q60PQ1	Q60PQ1-301
	for models Q60P3, Q70P3, Q80P3 and Q90P3	N/A		for model Q70P3	Q70P3-99
	for models Q60PQ1, Q70PQ1 and Q80PQ1	EQ1045-931		for model Q70PQ1	Q70PQ1-99
				for model Q80P3	Q80P3-99
73	Spring Washer			for model Q80PQ1	Q80PQ1-99
	for models Q60P3, Q70P3, Q80P3 and Q90P3	N/A		for model Q90P3	Q90P3-99
	for models Q60PQ1, Q70PQ1 and Q80PQ1	EQ1045-932			

* Item may not be used in some cases.

+ Not illustrated.

Optional accessory, not provided with tool.

Q110P4 and Q120P4, Impulse Wrench - Exploded View



(Dwg. 16591984)

Q110P4 and Q120P4, Impulse Wrench - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Case Assembly		20	O-Ring	
	for model Q110P4	Y-0190-0011-0099		for model Q110P4	Y-9010-6039-0000
	for model Q120P4	Y-0345-0011-0099		for model Q120P4	Y-9010-6046-0000
1	Motor Case	---	21	O-Ring	
	Hose Joint Assembly			for model Q110P4	EQ106P-283
	for model Q110P4	Y-0197-0113-0099		for model Q120P4	55P3-303
	for model Q120P4	Y-0345-0113-0099	22	Spring	100PQ-568
2	Hose Joint	---	23	Ball	EQ1045-929
3	Strainer	70PS3-565	24	Reverse Lever	
4	Washer	70PS3-442		for model Q110P4	45PS3-328
5	Exhaust Cover		for model Q120P4	Y-0341-0007-0000	
	for model Q110P4	80099013	25	Spring Pin	180SQ-152
	for model Q120P4	130P4-978	26	Throttle Knob	80098502
6	Silencer Sheet		27	Spring Pin	EQ106P-265
	for model Q110P4	70P3-505		Conical Spring	
	for model Q120P4	140P6-505	for model Q110P4	N/A	
7	Silencer Sheet		for model Q120P4	Y-8020-3070-0000	
	for model Q110P4	Y-0187-0032-0004	28	Pin	
for model Q120P4	130P4-506	for model Q110P4		380PQ-298	
8	O-Ring		for model Q120P4	Y-8055-1051-0000	
	for model Q110P4	180PQ-288	29	O-Ring (2)	
for model Q120P4	EQ1065-167	for model Q110P4		EQ1065-36	
9	O-Ring	55P3-303	for model Q120P4	90P4-236	
10	O-Ring		Motor Assembly		
	for model Q110P4	Y-9010-6043-0000		for model Q110P4	Y-0187-0305-0099
	for model Q120P4	140P6-236	for model Q120P4	Y-0342-0305-0099	
10A	Spring Pin (4)	Y-9250-2027-0000	Upper Plate Assembly		
	Throttle Assembly			for model Q110P4	Y-0187-0303-0099
	for model Q110P4	Y-0187-0186-0199	for model Q120P4	Y-0342-0303-0099	
	for model Q120P4	Y-0341-0186-0299	30	Upper Plate	
11	Throttle Bushing			for model Q110P4	Y-0187-0303-0000
	for model Q110P4	Y-0187-0104-0000	for model Q120P4	Y-0342-0303-0000	
	for model Q120P4	Y-0341-0104-0000	31	Ball Bearing	
12	O-Ring			for model Q110P4	55PS3-105
	for model Q110P4	Y-9010-6038-0000	for model Q120P4	Y-9102-1014-0000	
	for model Q120P4	Y-9010-6045-0000	Cylinder Assembly		
13	O-Ring			for model Q110P4	Y-0187-0304-0099
	for model Q110P4	Y-9010-4023-0000	for model Q120P4	Y-0342-0304-0099	
	for model Q120P4	100PQ-236	32	Cylinder	---
Throttle Rod Bushing Assembly				Pin (2)	380SQ-298
	for model Q110P4	Y-0187-0106-0000	34	Rotor	
for model Q120P4	Y-0341-0105-0099	for model Q110P4		Y-0187-0305-0000	
14A	Throttle Rod Bushing	---	for model Q120P4	Y-0342-0305-0000	
15A	O-Ring		35	Vane (9)	
	for model Q110P4	80098627		for model Q110P4	Y-0187-0306-0000
	for model Q120P4	Y-9010-1054-0000	for model Q120P4	Y-0342-0306-0000	
Throttle Rod Assembly			Lower Plate Assembly		
	for model Q110P4	Y-0187-0106-0000		for model Q110P4	Y-0187-0307-0099
	for model Q120P4	Y-0341-0106-0199	for model Q120P4	Y-0342-0307-0099	
16	Throttle Rod	---	36	Lower Plate	
16A	O-Ring			for model Q110P4	Y-0187-0307-0000
	for model Q110P4	80099088	for model Q120P4	Y-0342-0307-0000	
	for model Q120P4	Y-9010-6034-0000	37	Ball Bearing	
17	O-Ring			for model Q110P4	90P54-22
	for model Q110P4	Y-9010-6034-0000	for model Q120P4	Y-9100-1044-0000	
	for model Q120P4	Y-9010-1056-0000	38	Pin	Y-8055-1040-0000
17A	Spring	N/A		39	ST-Packing
18	Snap Ring	EQ106P-303	for model Q110P4		Y-8011-1105-0000
19	Reverse Valve		for model Q120P4	Y-8011-1109-0000	
	for model Q110P4	Y-0187-0005-0200			
	for model Q120P4	Y-0341-0005-0100			

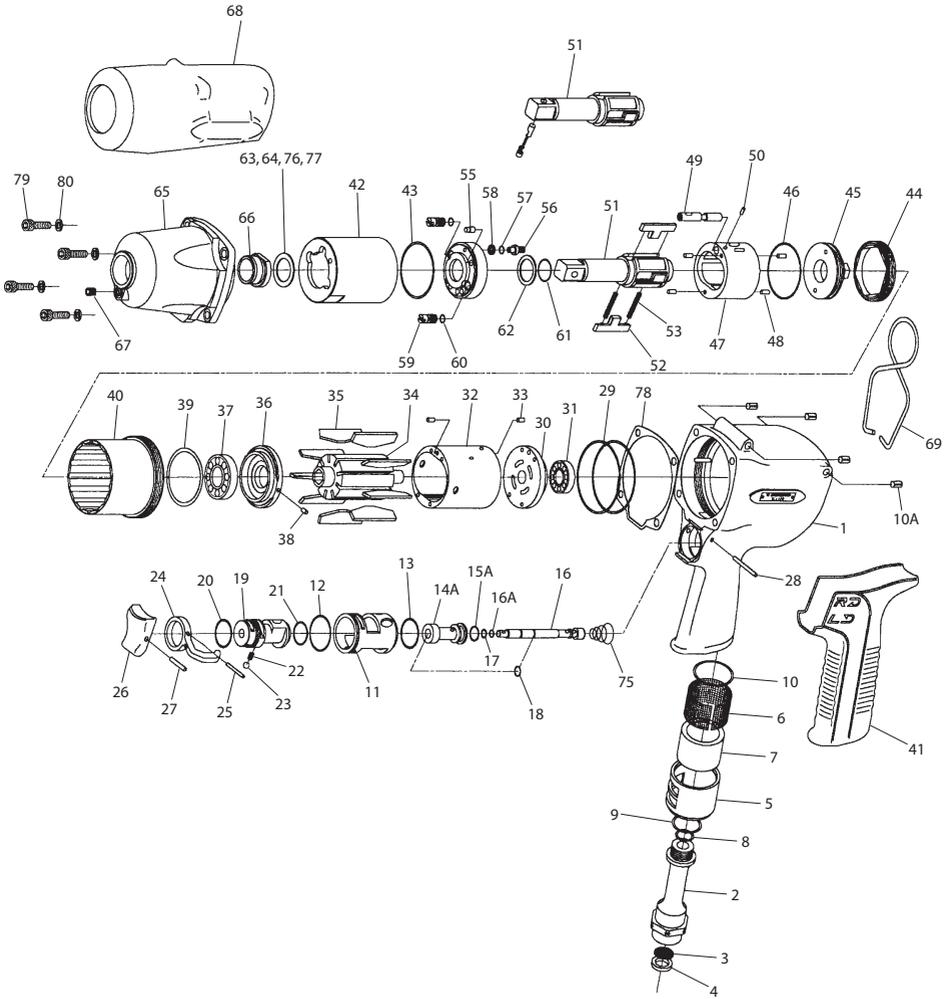
Item	Part Description	Part Number	Item	Part Description	Part Number
40	Lower Plate Spacer			Liner Lower Plate Assembly	
	for model Q110P4	Y-0190-0311-0000		for model Q110P4	Y-0190-0426-0099
	for model Q120P4	Y-0345-0311-0000		for model Q120P4	Y-0345-0426-0099
41	Rubber Grip	Y-0194-0144-0000	54	Liner Lower Plate	
	Liner Case Assembly			for model Q110P4	Y-0190-0426-0000
	for model Q110P4	Y-0190-0422-0099		for model Q120P4	Y-0345-0426-0000
42	Liner Case		55	Dowel Pin	
	for model Q110P4	Y-0190-0422-0000		for model Q110P4	EQ208S-298
	for model Q120P4	Y-0345-0422-0199		for model Q120P4	Y-0345-0308-0000
43	O-Ring		56	Adjust Bolt	
	for model Q110P4	Y-9010-6037-0000		for model Q110P4	Y-0188-0522-0000
	for model Q120P4	Y-9010-6058-0000		for model Q120P4	Y-0345-0522-0000
44	Liner Cap		57	O-Ring	
	for model Q110P4	Y-0187-0423-0000		for model Q110P4	EQ106S-288
	for model Q120P4	Y-0341-0423-0000		for model Q120P4	EQ110P-288
45	Liner Upper Plate		58	Back-up Ring	
	for model Q110P4	Y-0187-0424-0000		for model Q110P4	Y-9090-1028-0000
	for model Q120P4	Y-0342-0424-0000		for model Q120P4	Y-9090-1032-0000
46	O-Ring		59	Oil Plug (2)	Y-0181-0010-0000
	for model Q110P4	Y-9011-3004-0000	60	O-Ring (2)	EQ106S-288
	for model Q120P4	EQ104S-36	61	O-Ring	Y-9010-1047-0000
	Liner Assembly		62	Back-up Ring	Y-9090-1029-0000
	for model Q110P4	Y-0187-0425-0199	63*	Washer	90PS4-80
	for model Q120P4	Y-0345-0425-0099	64*	Washer	90PS4-79
47	Liner	---	64A*	Washer	---
48	Pin FF (4)		Hammer Case Assembly		
	for model Q110P4	EQ208S-298	for model Q110P4	Y-0190-0401-0099	
	for model Q120P4	Y-8052-1046-0000	for model Q120P4	Y-0345-0401-0099	
49	Relief Valve		65	Hammer Case	
	for model Q110P4	Y-0187-0245-0000		for model Q110P4	Y-0190-0401-0000
	for model Q120P4	Y-0342-0245-0000		for model Q120P4	Y-0345-0401-0000
50	Pin		66	Main Shaft Bushing	Y-0190-0612-0000
	for model Q110P4	Y-8051-1035-0000	67	Socket Plug	EQ106S-377
	for model Q120P4	100PQ-298	68	Protector	
	Main Shaft Assembly		for model Q110P4	Y-0190-0029-0000	
	for model Q110P4	Y-0190-0614-0099	for model Q120P4	Y-0345-0029-0000	
	for model Q120P4	Y-0345-0614-0099	69	Hanger	Y-0188-0017-0000
51	Main Shaft		+	Hex. Wrench (H1.5x65x65)	55P3-900
	for model Q110P4	Y-0190-0614-0101	+	Hex. Wrench (H5/32)	55P3-901
	for model Q120P4	Y-0345-0614-0101	+	Warning Label	WARNING-27-99
51A	Plunger A		+	Nameplate	
	for model Q110P4	Y-0190-1144-0001	for model Q110P4	Q110P4-301	
	for model Q120P4	---	for model Q120P4	Q120P4-301	
51B	Plunger B		+	Information Label	
	for model Q110P4	Y-0190-1144-0002	for model Q110P4	Q110P4-99	
	for model Q120P4	---	for model Q120P4	Q120P4-99	
51C	Spring 2.2 x 13"		+	Motor Tune Up Kit (includes 6, 7, 8, 9, 10, 12, 13, 15, 15A, 16A, 17, 17A, 18B, 20, 21, 22, 23, 29, 31, 35, 37, 39)	
	for model Q110P4	Y-8020-1353-0000	for model Q110P4	Q110P-TK1	
	for model Q120P4	---	for model Q120P4	Q120P-TK1	
52	Blade (2)		+	Mechanism Tune Up Kit (includes 43, 46, 53, 57, 58, 60, 61, 62)	
	for model Q110P4	Y-0187-0719-0000	for model Q110P4	Q70P-TKMS1	
	for model Q120P4	Y-0342-0719-0000	for model Q120P4	Q140P-TKMS1	
53	Spring (2)				
	for model Q110P4	Y-8020-1350-0000			
	for model Q120P4	Y-8020-1354-0000			

* Item may not be used in some cases.

+ Not illustrated.

Optional accessory, not provided with tool.

Q140P4, Impulse Wrench - Exploded View



Q140P4, Impulse Wrench - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Case Assembly	Y-0346-0011-0099	39	ST-Packing	Y-8011-1108-0000
1	Motor Case	----	40	Lower Plate Spacer	Y-0346-0311-0000
	Hose Joint Assembly	Y-0345-0113-0099	41	Rubber Grip	Y-0194-0144-0000
2	Hose Joint	----		Liner Case Assembly	Y-0346-0422-0199
3	Strainer	70PS3-565	42	Liner Case	Y-0346-0422-0000
4	Washer	70PS3-442	43	O-Ring	Y-9010-6058-0000
5	Exhaust Cover	130P4-978	44	Liner Cap	Y-0341-0423-0000
6	Silencer Sheet	140P6-505	45	Liner Upper Plate	Y-0341-0424-0000
7	Silencer Sheet	Y-0346-0032-0004	46	O-Ring	EQ1045-36
8	O-Ring	EQ1065-167		Liner Assembly	Y-0341-0425-0099
9	O-Ring	55P3-303	47	Liner	----
10	O-Ring	140P6-236	48	Pin FF (4)	Y-8052-1046-0000
10A	Spring Pin (4)	Y-9250-2027-0000	49	Relief Valve	Y-0341-0245-0000
	Throttle Assembly	Y-0341-0186-0299	50	Pin FF	100PQ-298
11	Throttle Bushing	Y-0341-0104-0000		Main Shaft Assembly	Y-0346-0614-0098
12	O-Ring	Y-9010-6045-0000	51	Main Shaft	Y-0346-0614-0101
13	O-Ring	100PQ-236	52	Blade (2)	Y-0341-0719-0000
	Throttle Rod Bushing Assembly	Y-0341-0105-0099	53	Spring (2)	Y-8020-1354-0000
14A	Throttle Rod Bushing	----		Liner Lower Plate Assembly	Y-0345-0426-0099
15A	O-Ring	Y-9010-1054-0000	54	Liner Lower Plate	Y-0345-0426-0000
	Throttle Rod Assembly	Y-0341-0106-0199	55	Dowel Pin	Y-0345-0308-0000
16	Throttle Rod	----	56	Adjust Bolt	Y-0345-0522-0000
16A	O-Ring	Y-9010-6034-0000	57	O-Ring	EQ110P-288
17	O-Ring	Y-9010-1056-0000	58	Back-up Ring	Y-9090-1032-0000
18	Snap Ring	EQ106P-303	59	Oil Plug (2)	Y-0181-0010-0000
19	Reverse Valve	Y-0341-0005-0100	60	O-Ring (2)	EQ1065-288
20	O-Ring	Y-9010-6046-0000	61	O-Ring	Y-9010-1047-0000
21	O-Ring	55P3-303	62	Back-up Ring	Y-9090-1029-0000
22	Spring	100PQ-568	63	Washer	Y-8041-5060-0000
23	Ball	EQ1045-929	64	Washer	90P54-80
24	Reverse Lever	Y-0341-0007-0000	76	Washer	Y-8041-5061-0000
25	Spring Pin	180SQ-152	77	Washer	90P54-79
26	Throttle Knob	80098502		Hammer Case Assembly	Y-0346-0401-0099
27	Spring Pin	EQ106P-265	65	Hammer Case	Y-0346-0401-0000
75	Conical Spring	Y-8020-3070-0000	66	Main Shaft Bushing	Y-0190-0612-0000
28	Pin	Y-8055-1051-0000	67	Socket Plug	Y-8210-4001-0000
29	O-Ring (2)	1900P-238	78	S-Packing	Y-0346-0003-0000
	Motor Assembly	Y-0341-0305-0099	79	Hexagon Socket Bolt (4)	Y-8070-3050-0000
	Upper Plate Assembly	Y-0341-0303-0099	80	Spring Washer (4)	900P-58
30	Upper Plate	Y-0341-0303-0000	68	Protector	Y-0346-0029-0000
31	Ball Bearing	Y-9102-1014-0000	69	Hanger	Y-0188-0017-0000
	Cylinder Assembly	Y-0341-0304-0099	+	Hex. Wrench (H1.5x65x65)	55P3-900
32	Cylinder	----	+	Hex. Wrench (H5/32)	55P3-901
33	Pin (2)	380SQ-298	+	Warning Label	WARNING-27-99
34	Rotor	Y-0341-0305-0000	+	Nameplate	Q140P4-301
35	Vane (9)	Y-0341-0306-0000	+	Information Label	Q140P4-99
	Lower Plate Assembly	Y-0341-0307-0000	+ #	Motor Tune Up Kit(includes 6, 7, 8, 9, 10, 12, 13, 15, 15A, 16A, 17, 17A, 18B, 20, 21, 22, 23, 29, 31, 35, 37, 39)	Q140P-TK1
36	Lower Plate	Y-0341-0307-0000			
37	Ball Bearing	Y-9100-1065-0000	+ #	Mechanism Tune Up Kit (includes 43, 46, 53, 57, 58, 60, 61, 62)	Q140P-TKMS1
38	Pin	Y-8055-1040-0000			

+ Not illustrated.

Optional accessory, not provided with tool.

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 80206667.

Product Maintenance Information Manual 80213671.

Manuals can be downloaded from www.ingersollrandproducts.com.

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