

109XPA and 1099XPA, Air Ratchet Wrench - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Housing Assembly	109XPA-A40		Ratchet Housing Assembly	109XPA-A322
1	Housing	---	27	Ratchet Housing	---
2	Valve Seat	131-303	28	Crankshaft Needle Bearing	---
3	O-ring (2 per housing assembly)	109XPA-367	29	Crankshaft Ball Bearing	---
4	Ring	109XPA-338	30	Coupling Nut	109XPA-27
	Throttle Kit	109XPA-TK	31	Crankshaft	109XPA-35
5	Trigger	---	32	Drive Bushing	170-36
6	O-ring	109XPA-158	33	Yoke	109XPA-37
7	Throttle Valve	131-50		Ratchet Head Kit	
8	Throttle Valve Spring	131-51		for 109XPA	109XPA-TRK1
9	Inlet Bushing Assembly	109XPA-A565		for 1099XPA	1099XPA-TRK1
	Exhaust Deflector Assembly		34	Friction Ring	109XPA-427
	for 109XPA	109XPA-A123	35	Reverse Button	109XPA-38
	for 1099XPA	1099XPA-A123	36	Anvil Assembly	
10	Exhaust Deflector	---		for 109XPA	109XPA-D44
11	Nameplate / Warning Label			for 1099XPA	1099XPA-D44
	for 109XPA	109XPA-301		Pawl Kit	109XPA-K43
	for 1099XPA	1099XPA-301	37	Lock Spring	---
	Motor Kit	109XPA-MK	38	Lock Pin	---
12	End Cap	---	39	Pawl	---
13	Rear Rotor Bearing	170-97	40	Pawl Retaining Pin	---
	Rear End Plate Assembly	109XPA-A12		Spring Kit	109XPA-SK
14	Rear End Plate	---	41	Friction Spring (3 per kit)	---
15	Motor Alignment Pin	---	42	Friction Ball (3 per kit)	---
16	Rotor	109XPA-53	43	Thrust Washer	---
17	Vane Pack (set of 4)	109XPA-42-4	44	Retaining Ring	---
18	Cylinder	109XPA-3		Tune-Up Kit (includes items 2, 3, 5 through 8, 12, 13, 17, and 21)	109XPA-TK1
	Front End Plate Assembly	109XPA-A11		Oil - Ingersoll Rand No. 10 (4 oz. bottle)	10Z4
19	Front End Plate	---		Grease	
20	Motor Alignment Pin	---		IR # 67 (1 lb. can) - for Gearing	67-1 LB
21	Front Rotor Bearing	WFS182-22		IR # 67 (8 lb. can) - for Gearing	67 8 LB
22	Spacer	109XPA-18		IR # 70 (1 lb. can) - for Ratchet Head	70 1 LB
	Gearing Kit	109XPA-GK		IR # 70 (8 lb. can) - for Ratchet Head	70 8 LB
23	Internal Gear	109XPA-406			
24	Spindle	109XPA-8			
25	Planet Gear (3 per gearing kit)	109XPA-9			
26	Planet Gear Pin (3 per gearing kit)	109XPA-524			

Parts and Maintenance

When tool life has expired, it is recommended that the tool be disassembled, degreased and parts separated by material for proper recycling.

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

Manuals can be downloaded from ingersollrand.com

For additional information, refer to:

Product Safety Information Manual 04580361

Product Information Manual 80177645

