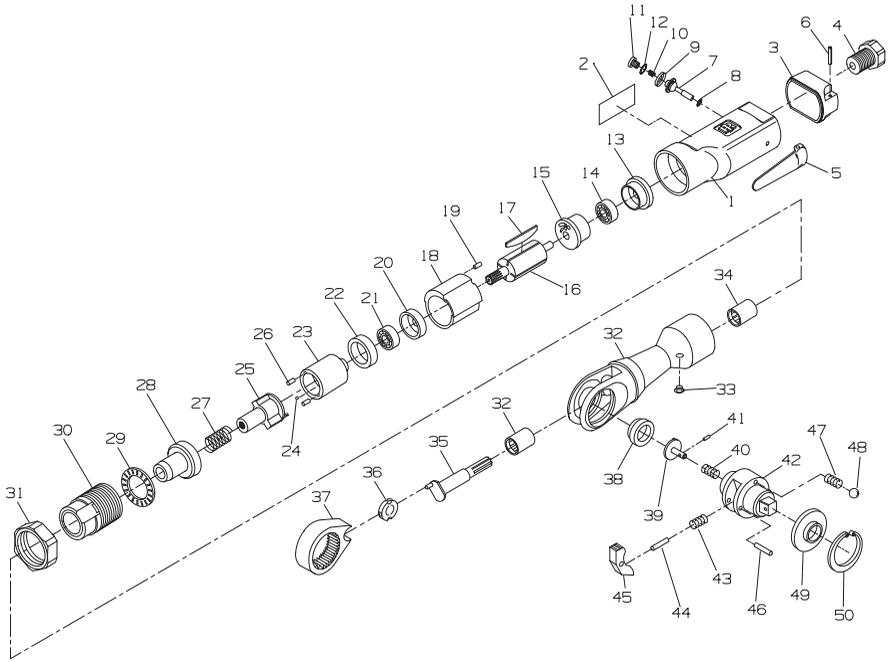


111 and 1111 Air Ratchet Wrench Exploded Diagram



(Dwg.TPB947_2)

111 and 1111 Air Ratchet Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Housing Assembly	111-A40	27	Anvil Spring	110A-728
1	Housing		28	Mechanism Cover	110A-727
2	Warning Label	222-99	29	Thrust Bearing	110A-723
3	Exhaust Cover	110-123	30	Coupling Sleeve Assembly	110A-A107
4	Inlet Bushing Assembly	110-A465	31	Coupling Nut	111-27
5	Trigger Lever			Ratchet Housing Assembly	110A-A322
	for 111	111-273	32	Ratchet Housing	
	for 1111	111-273	33	Grease Fitting	D0F9-879
6	Trigger Lever Pin	107-120	34	Crankshaft Needle Bearing (2)	107-32
	Throttle Valve Assembly	110-A302	35	Crankshaft	110-35
7	Throttle Valve		36	Drive Bushing	110-36
8	Throttle Valve O-ring	107-314	37	Yoke	109XP-37
9	Valve Seat	107-710	38	Thrust Washer	110-47
10	Throttle Valve Spring	107-51	39	Reverse Button	110A-38
	Valve Plug Assembly	107-A229A	40	Reverse Button Spring	110-34
11	Valve Plug		41	Reverse Button Pin	110-39
12	Valve Plug O-ring	107-259	42	Anvil Assembly	
13	End Cap	107-624		for 111	111-44
14	Rear Rotor Bearing	107-24		for 1111	1111-44
15	Rear End Plate	110-12	43	Lock Spring	110A-41
16	Rotor	110-53	44	Lock Pin	110A-49
17	Vanes (set of 4)	107-42-4	45	Pawl	110A-43
	Cylinder Assembly	111-A3	46	Pawl Retaining Pin	107-34
18	Cylinder		47	Friction Spring (2)	107-45
19	Motor Alignment Pin	107-98	48	Friction Ball (2)	107-696
20	Front End Plate	107-11	49	Thrust Washer	1077-46
21	Front Rotor Bearing	107-97	50	Retaining Ring	107-426
22	Spacer	110A-18		Tune-up Kit (includes items 8, 9, 10, 12, 14, 17 and 21)	
23	Mechanism Housing	110-724			110-TK1
24	Ball	107-31		Ratchet Head Kit (includes items 38 through 50)	
25	Mechanism Anvil	110-626		for 111	111-TRK1
26	Anvil Pin (2)	110-704		for 1111	1111-TRK1

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 Ratchet Wrench Product Safety Information Manual 04580361, Air Ratchet Wrench Product Information Manual 04585014.

Manuals can be downloaded from www.irttools.com.



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