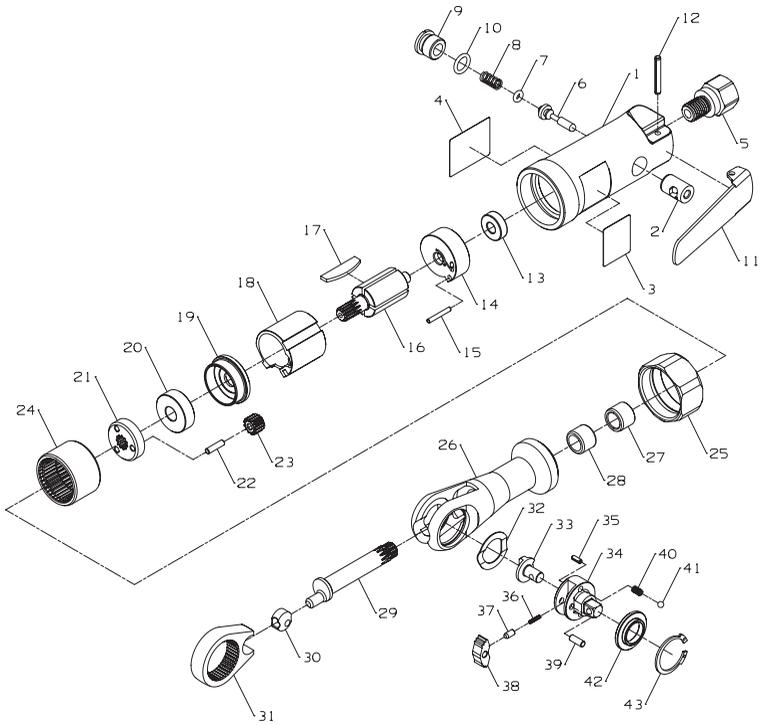


104B Air Ratchet Wrench Exploded Diagram



(Dwg. 80156227)

## 104B Air Ratchet Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Housing Assembly	104B-A40	25	Coupling Nut	103A-27
1	Housing			Ratchet Housing Assembly	104B-A322
2	Valve Bushing		26	Ratchet Housing	
3	Nameplate	104B-301	27	Crankshaft Bushing	
4	Warning Label	WARNING-30-99	28	Crankshaft Needle Bearing	
5	Inlet Bushing Assembly	103A-A565	29	Crankshaft	104B-35
	Throttle Kit	103A-TK	30	Drive Bushing	103A-36
6	Throttle Valve		31	Yoke	103A-37
7	Throttle Valve O-ring			Ratchet Head Kit	103A-TRK1
8	Throttle Valve Spring		32	Wear Washer	
9	Valve Plug		33	Reverse Button	
10	Valve Plug O-ring		34	Anvil Assembly	103A-A44
	Trigger Lever Kit	103A-LK	35	Reverse Button Stop Pin	
11	Trigger Lever		36	Lock Spring	
12	Trigger Lever Pin		37	Lock Pin	
	Motor Assembly	103A-MK	38	Pawl	
13	Rear Rotor Bearing		39	Pawl Retaining Pin	
14	Rear End Plate		40	Friction Spring (2)	
15	Motor Alignment Pin		41	Friction Ball (2)	
16	Rotor		42	Thrust Washer	
17	Vane (4)		43	Retaining Ring	
18	Cylinder			Oil - Ingersoll-Rand No. 10 (4 oz. bottle)	10Z4
19	Front End Plate			Grease	
20	Front Rotor Bearing			Ingersoll-Rand No. 28 (1 lb can)	28 1 LB
	Gearing Kit	103A-GK		Ingersoll-Rand No. 28 (8 lb can)	28 8 LB
21	Spindle			Ingersoll-Rand No. 66 (1 lb can)	66 1 LB
22	Planet Gear Shaft (3)			Ingersoll-Rand No. 66 (8 lb can)	66 8 LB
23	Planet Gear (3)				
24	Internal Gear				

## 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 04585089.

Manuals can be downloaded from [www.irtools.com](http://www.irtools.com).