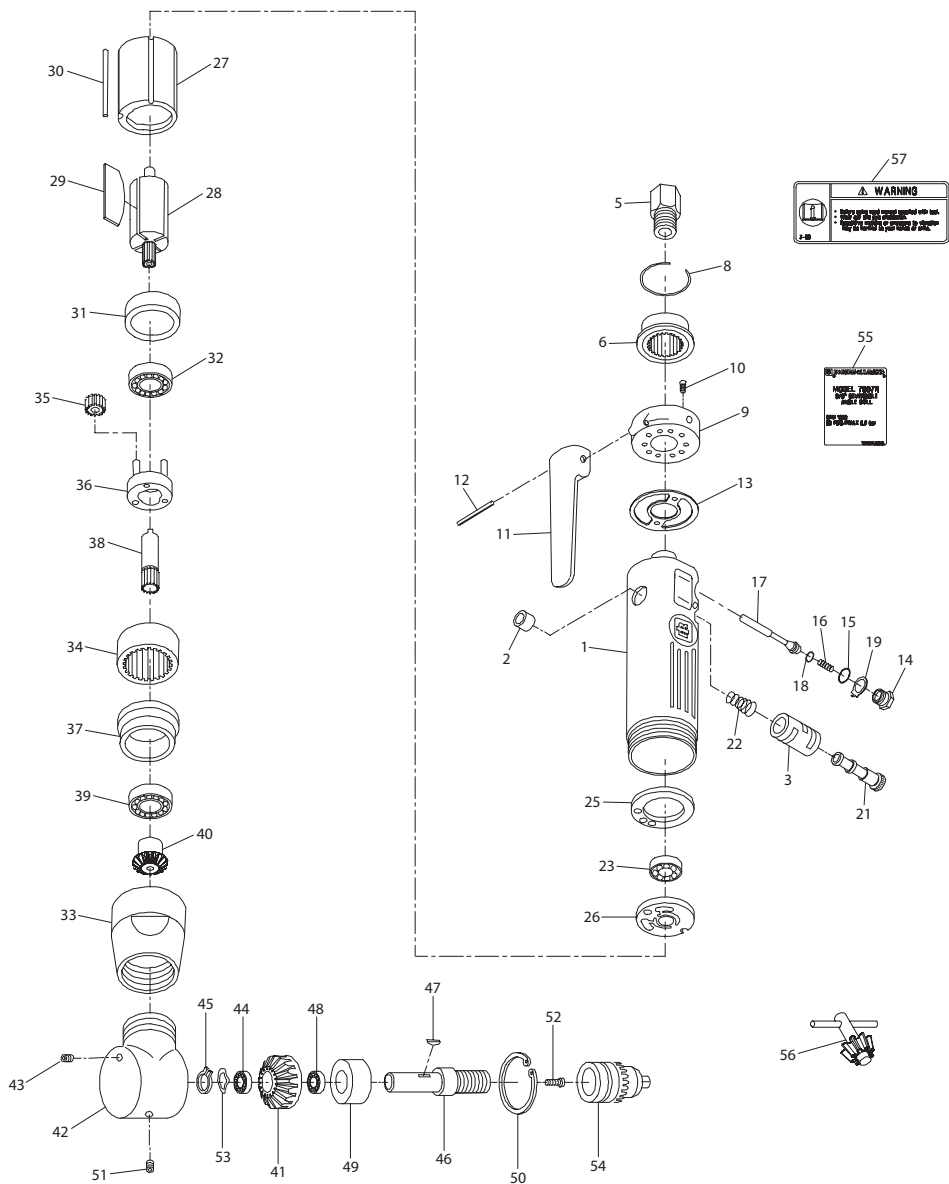


7807R, Air Drill - Exploded View



(Dwg. TPB1006-4)

7807R, Air Drill - Parts List

Item	Part Description	Part Number (CCN)	Item	Part Description	Part Number (CCN)
1	Motor Housing	LA411-40 (04027256)	34	Ring Gear	LA411-36 (04027587)
2	Valve Bushing	LA411-93 (04027264)	35	Planet Gear (3 required)	LA411-10 (04027595)
3	Reverse Valve Bushing	LA411-330 (04027272)	36	Gear Head	LA411-216 (04027603)
5	Inlet Bushing	LA411-565 (04027298)	37	Bearing Cage	LA411-70 (04027611)
6	Deflector	LA411-23 (04027306)	38	Spindle Shaft	LA411-41 (04027629)
8	Deflector Stop Ring	LA411-28 (04027322)	39	Spindle Bearing	LA411-66 (04027637)
9	Housing Cap	LA411-7 (04027330)	40	Pinion	LA411-551 (04027645)
10	Screw (2 required)	LA411-8 (04027348)	41	Bevel Pinion Gear	LA411-552 (04027652)
11	Throttle Lever	LA411-273 (04027355)	42	Angle Housing	LA411-550 (04027660)
12	Throttle Lever Pin	LA411-120 (04027363)	43	Grease Fitting	LA411-879 (04027678)
13	Housing Gasket	LA411-739 (04027371)	44	Spindle Upper Bearing	LA411-603 (04027686)
14	Valve Screw	LA411-60 (04027389)	45	Bevel Pinion Gear Retainer	LA411-531 (04027694)
15	Valve Screw O-Ring	LA411-379 (04027397)	46	Spindle	LA411-591 (04027702)
16	Throttle Valve Spring	LA411-51 (04027405)	47	Bevel Pinion Gear Key	LA411-49 (04027710)
17	Throttle Valve	LA411-302 (04027413)	48	Lower Spindle Bearing	LA411-593 (04027728)
18	Throttle Valve O-Ring	LA411-16 (04027421)	49	Lower Spindle Bearing Cage	LA411-65 (04027736)
19	Reverse Retainer	LA411-20 (04027439)	50	Spindle Retainer	LA411-853 (04027744)
21	Reverse Valve	LA411-329 (04027454)	51	Angle Housing Set Screw	LA411-54 (04027751)
22	Reverse Valve Spring	LA411-515 (04027462)	52	Chuck Screw	LA411-55 (04027769)
23	Rear Rotor Bearing	LA411-24 (04027470)	53	Upper Bearing Wave Washer	LA411-57 (04027777)
25	Motor Gasket	LA411-27 (04027496)	54	Drill Chuck (3/8")	LA411-99 (04027785)
26	Rear End Plate	LA411-12 (04027504)	55	Nameplate	
27	Cylinder	LA411-3 (04027512)		for 7807R	7807R-301 (04552188)
28	Rotor	LA411-53 (04027520)		for 7807R-EU	7807R-EU-301 (04623211)
29	Vane (Set of 5)	LA411-42 (04027538)	56	Chuck Key	LA411-253 (04027793)
30	Cylinder Dowel	LA411-98 (04027546)	57	Warning Label	
31	Front End Plate	LA411-11 (04027553)		for 7807R	WARNING -7-99 (04276853)
32	Front Rotor Bearing	LA411-34 (04027561)		for 7807R-EU	EU-99 (04346607)
33	Gear Case	LA411-37 (04027579)			

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](https://www.ingersollrand.com)

For additional information, refer to:

Product Safety Information Manual 04580353

Product Information Manual 16571846