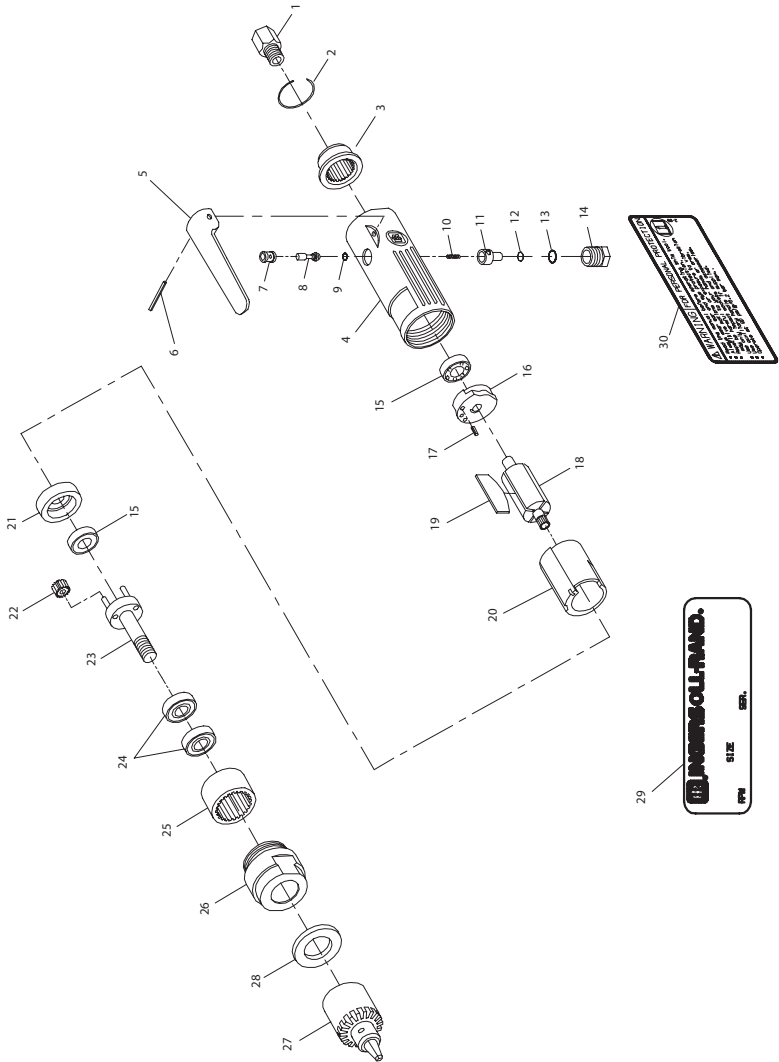


# 7807R Air Drill Exploded Diagram



(Dwg. 16571093)

## 7807R Air Drill Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Motor Housing	LA411-40	34	Ring Gear	LA411-36
2	Valve Bushing	LA411-93	35	Planet Gear (3)	LA411-10
3	Reverse Valve Bushing	LA411-330	36	Gear Head	LA411-216
5	Inlet Bushing	LA411-565	37	Bearing Cage	LA411-70
6	Deflector	LA411-23	38	Spindle Shaft	LA411-41
8	Deflector Stop Ring	LA411-28	39	Spindle Bearing	LA411-66
9	Housing Cap	LA411-7	40	Pinion	LA411-551
10	Screw (2)	LA411-8	41	Bevel Pinion Gear	LA411-552
11	Throttle Lever	LA411-273	42	Angle Housing	LA411-550
12	Throttle Lever Pin	LA411-120	43	Grease Fitting	LA411-879
13	Housing Gasket	LA411-739	44	Spindle Upper Bearing	LA411-603
14	Valve Screw	LA411-60	45	Bevel Pinion Gear Retainer	LA411-531
15	Valve Screw O-Ring	LA411-379	46	Spindle	LA411-591
16	Throttle Valve Spring	LA411-51	47	Bevel Pinion Gear Key	LA411-49
17	Throttle Valve	LA411-302	48	Lower Spindle Bearing	LA411-593
18	Throttle Valve O-Ring	LA411-16	49	Lower Spindle Bearing Cage	LA411-65
19	Reverse Retainer	LA411-20	50	Spindle Retainer	LA411-853
21	Reverse Valve	LA411-329	51	Angle Housing Set Screw	LA411-54
22	Reverse Valve Spring	LA411-515	52	Chuck Screw	LA411-55
23	Rear Rotor Bearing	LA411-24	53	Upper Bearing Wave Washer	LA411-57
25	Motor Gasket	LA411-27	54	Drill Chuck (3/8")	LA411-99
26	Rear End Plate	LA411-12	55	Nameplate	
27	Cylinder	LA411-3		for 7807R	7807R-301
28	Rotor	LA411-53		for 7807R-EU	7807R-EU-301
29	Vane (5)	LA411-42	56	Chuck Key	LA411-253
30	Cylinder Dowel	LA411-98	57	Warning Label	
31	Front End Plate	LA411-11		for 7807R	WARNING-7-99
32	Front Rotor Bearing	LA411-34		for 7807R-EU	EU-99
33	Gear Case	LA411-37			

### 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 Drill Product Safety Information Manual 04580353.

Air Drill Product Information Manual 16571846.

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

