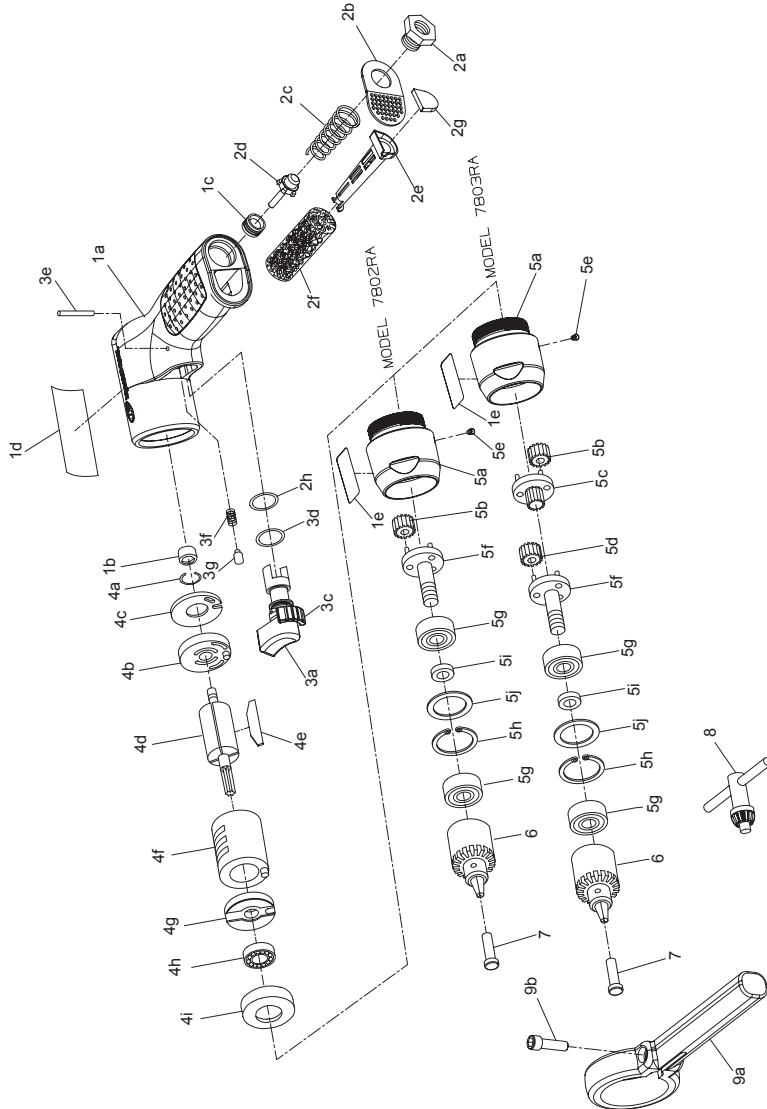


**7802RA and 7803RA Air Drill Exploded Diagram**



(Dwg. 16571093)



## 7802RA and 7803RA Air Drill Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Housing Assembly		4d	Rotor	7802A-53
	for 7802A	7802A-A40	4e	Vane Pack (Set of 6 Vanes)	7811R-42-6
	for 7803A	7803A-A40	4f	Cylinder and Pin	7802A-A3
1a	Housing		4g	Front Endplate	7811-11
1b	Rear Rotor Bearing		4h	Front Rotor Bearing	7811-24
1c	Throttle Valve Seat		4i	Bearing Support	
1d	Nameplate		5	Gearcase Assembly	
	for 7802A	7802A-301		for 7802A	7802A-A37
	for 7803A	7803A-301		for 7803A	7803A-A37
1e	1-800-Label		5a	Gearcase	
2	Inlet / Exhaust Assembly	7802A-A50	5b	Planet Gear (set of 3)	7802A-A10
	Inlet Kit	7802A-A501	5c	Gear Head	
2a	Inlet Bushing		5d	Planet Gear (set of 3)	7803A-A10
2b	Exhaust Deflector		5e	Grease Fitting	
2c	Throttle Valve Spring		5f	Spindle	
2d	Throttle Valve			for 7802A	7802A-A8
	Exhaust Kit	7802A-A311		for 7803A	7803A-A8
2e	Exhaust Silencer Frame		5g	Ball Bearing (2)	7802A-105
2f	Exhaust Silencer		5h	Retaining Ring	
2g	Silencer Element		5i	Inner Bearing Spacer	
2h	O-Ring		5j	Outer Bearing Spacer	
3	Trigger Assembly	7802A-A93	6	Chuck	
3a	Trigger			for 7802A	7811-99
3b	Trigger Shaft			for 7803A	7816-99
3c	Trigger Bushing		7	Chuck Screw	7811R-254
3d	O-Ring		8	Chuck Key	
3e	Trigger Retainer Pin			for 7802A	7811-253
4	Motor Assembly	7802A-A53		for 7803A	7816-253
4a	Rear Rotor Retainer		9	Handle Assembly for 7803A	7816-A48
	Rear Endplate Assembly	7802A-A12	9a	Handle	
4b	Rear Endplate and Pin		9b	Handle Cap Screw	
4c	Endplate Gasket	7811R-283		Motor Tune Up Kit (includes items 1b, 1c, 2c, 2d, 2f, 2g, 2h, 3d, 4a, 4c, 4e and 4h)	7802RA-TK1

\* Not illustrated.

## 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 04580452.

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

