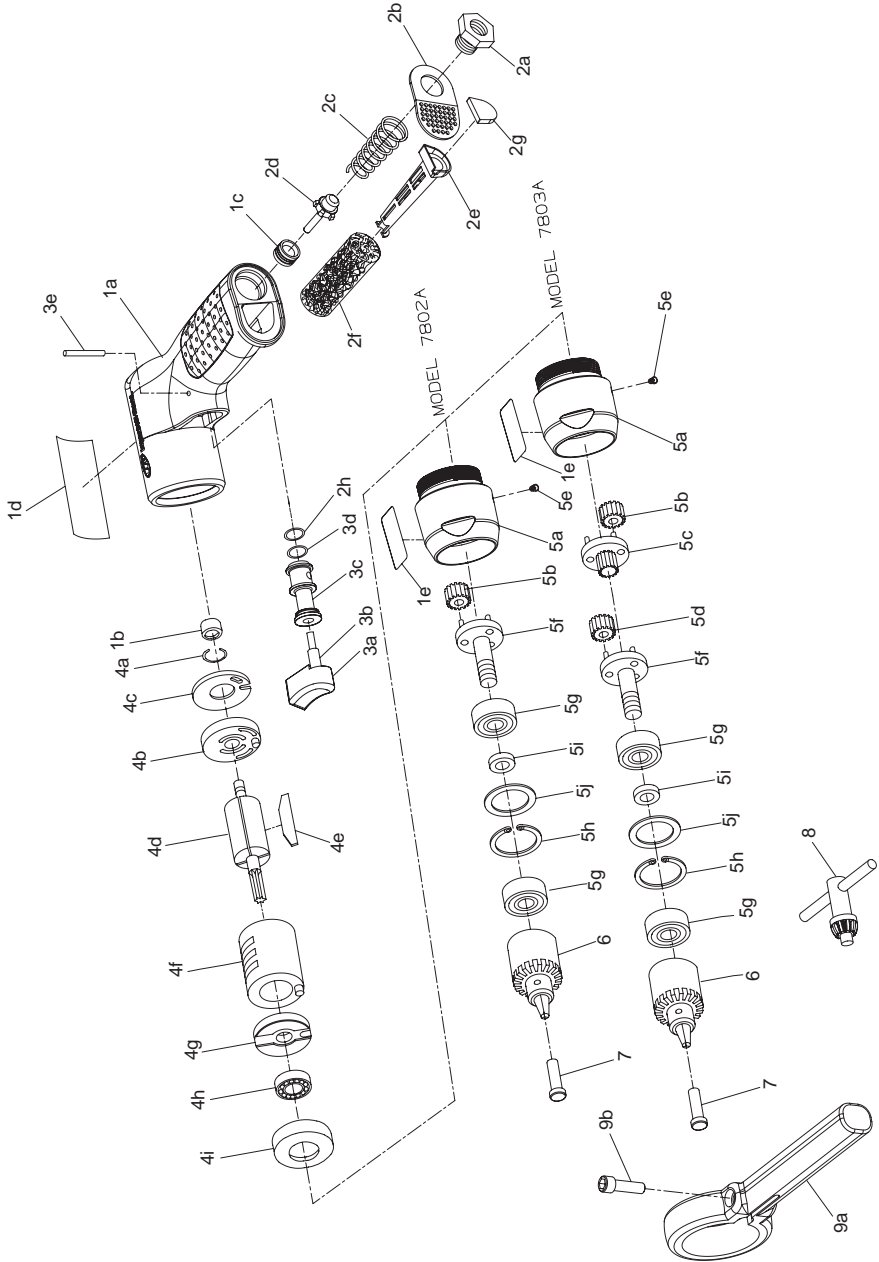


7802A and 7803A Air Drill Exploded Diagram



(Dwg. 16571085)

7802A and 7803A Air Drill Parts List

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

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 Form 04580353.
 Air Drill Product Information Manual Form 04580452.

Manuals can be downloaded from www.irtools.com.