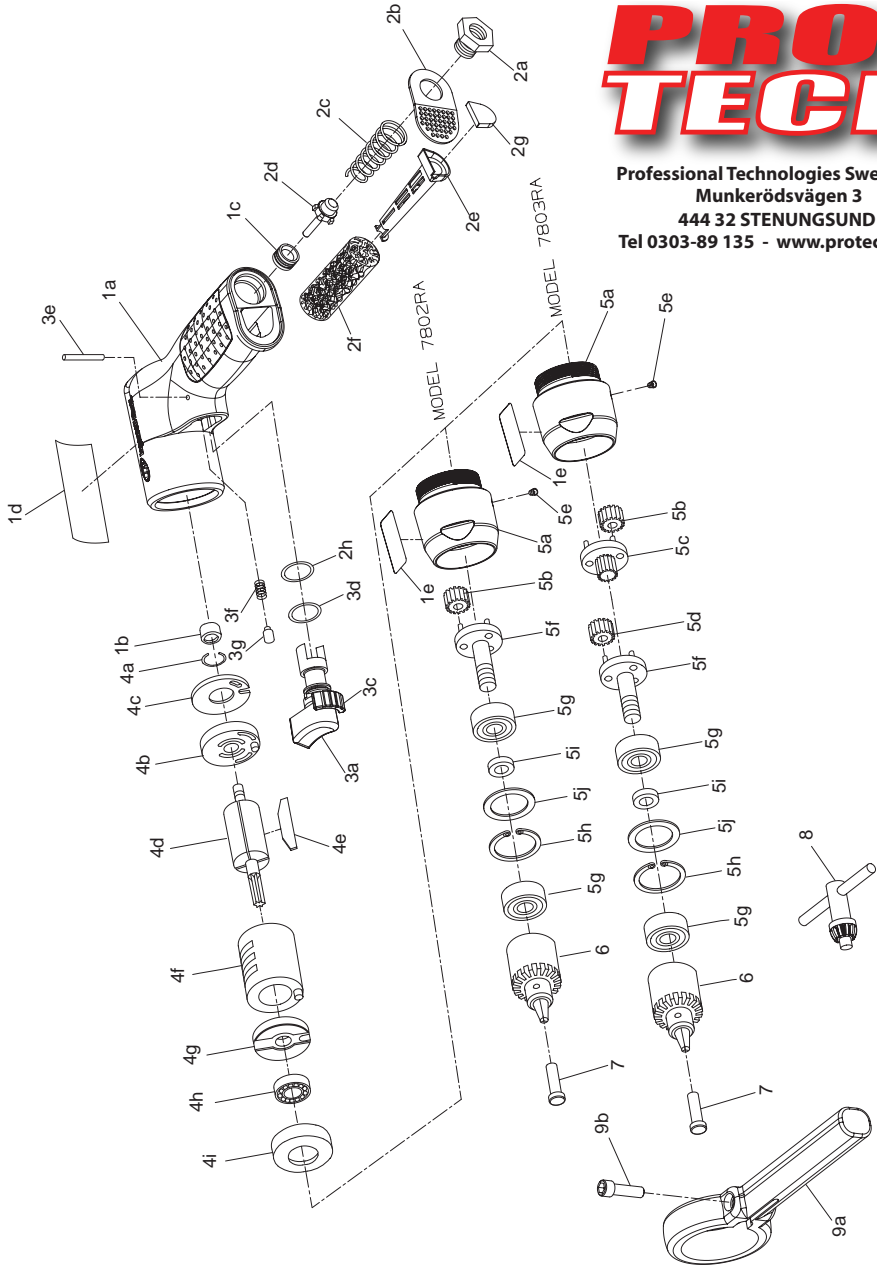


# 7802RA and 7803RA Air Drill Exploded Diagram

# PRO TECH

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(Dwg. 16571093)

## 7802RA and 7803RA Air Drill Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Housing Assembly		5	Gearcase Assembly	
	for 7802RA	7802RA-A40		for 7802RA	7802A-A37
	for 7803RA	7803RA-A40		for 7803RA	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 7802RA	7802RA-301	5e	Grease Fitting	
	for 7803RA	7803RA-301	5f	Spindle	
1e	1-800-Label			for 7802RA	7802A-A8
2	Inlet / Exhaust Assembly	7802A-A50		for 7803RA	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 7802RA	7811-99
2g	Silencer Element			for 7803RA	7816-99
2h	O-Ring		*	for 7802RAKC (Keyless)	728-99-KC5
3	Trigger Assembly	7802RA-A93	*	for 7803RAKC (Keyless)	728-99-KC8
3a	Trigger		7	Chuck Screw	
* 3b	Trigger Shaft			for 7802RA	7811R-254
3c	Reverse Switch			for 7803RA	7816R-254
3d	O-Ring		8	Chuck Key	
3e	Trigger Retainer Pin			for 7802RA	7811-253
3f	Spring			for 7803RA	7816-253
3g	Spring Pin		9	Handle Assembly for 7803RA	7816-A48
4	Motor Assembly	7802A-A53	9a	Handle	
4a	Rear Rotor Retainer		9b	Handle Cap Screw	
	Rear Endplate Assembly	7811R-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				

\* 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 Form 04580353.  
 Air Drill Product Information Manual Form 04580452.

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



[www.irtools.com](http://www.irtools.com)

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