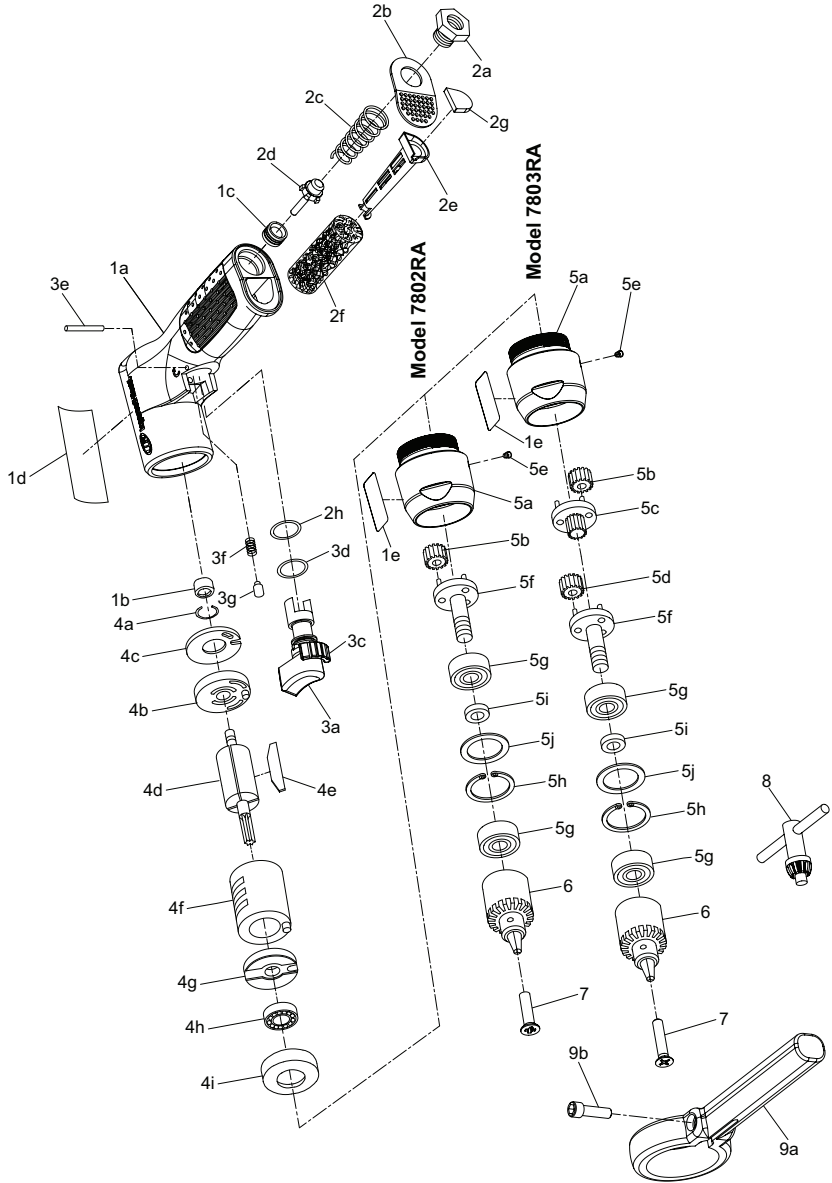


7802RA and 7803RA Series, Air Drill - Exploded View



(Dwg. 16571093)



7802RA and 7803RA Series, Air Drill - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Housing Assembly	---	4b	Rear Endplate and Pin	---
	for 7802RA	7802RA-A40	4c	Endplate Gasket	7811R-283
	for 7803RA	7803RA-A40	4d	Rotor	7802A-53
	for 7802RAKC	7802RAKC-A40	4e	Vane Pack (set of 6 Vanes)	7811R-42-6
	for 7803RAKC	7803RAKC-A40	4f	Cylinder and Pin	7802A-A3
	for 7802RAKCEX	7802RAKCEX-A40	4g	Front Endplate	7811-11
	for 7803RAKCEX	7803RAKCEX-A40	4h	Front Rotor Bearing	7811-24
1a	Housing	---	4i	Bearing Support	---
1b	Rear Rotor Bearing	---	5	Gearcase Assembly	---
1c	Throttle Valve Seat	---		for 7802RA, 7802RAKC and 7802RAKCEX	7802A-A37
1d	Nameplate	---		for 7803RA, 7803RAKC and 7803RAKCEX	7803A-A37
	for 7802RA	7802RA-301	5a	Gearcase	---
	for 7803RA	7803RA-301	5b	Planet Gear (set of 3)	7802A-A10
	for 7802RAKC (keyless)	7802RAKC-301	5c	Gear Head	---
	for 7803RAKC (keyless)	7803RAKC-301	5d	Planet Gear (set of 3)	7803A-A10
	for 7802RAKCEX (keyless)	7802RAKCEX-301	5e	Grease Fitting	---
	for 7803RAKCEX (keyless)	7803RAKCEX-301	5f	Spindle	---
1e	1-800-Label	---		for 7802RA	7802A-A8
2	Inlet / Exhaust Assembly	7802A-A50		for 7803RA	7803A-A8
*	Inlet Kit	7802A-A501	5g	Ball Bearing (2 required)	7802A-105
2a	Inlet Bushing	---	5h	Retaining Ring	---
2b	Exhaust Deflector	---	5i	Inner Bearing Spacer	---
2c	Throttle Valve Spring	---	5j	Outer Bearing Spacer	---
2d	Throttle Valve	---	6	Chuck	---
*	Exhaust Kit	7802A-A311		for 7802RA	7811-99
2e	Exhaust Silencer Frame	---		for 7803RA	7816-99
2f	Exhaust Silencer	---		for 7802RAKC and 7802RAKCEX (keyless)	728-99-KC5
2g	Silencer Element	---		for 7803RAKC and 7803RAKCEX (keyless)	728-99-KC8
2h	O-Ring	---	7	Chuck Screw	---
3	Trigger Assembly	7802RA-A93		for 7802RA	7811R-254
3a	Trigger	---		for 7803RA	7816R-254
3b	Trigger Shaft	---	8	Chuck Key	---
3c	Trigger Bushing	---		for 7802RA	7811-253
3d	O-Ring	---		for 7803RA	7816-253
3e	Trigger Retainer Pin	---	9	Handle Assembly for 7803RA, 7803RAKC and 7803RAKCEX	7816-A48
4	Motor Assembly	7802A-A53	9a	Handle	---
4a	Rear Rotor Retainer	---	9b	Handle Cap Screw	---
*	Rear Endplate Assembly	7811-A12	*	Motor Tune Up Kit (includes items 1b, 1c, 2c, 2d, 2f, 2g, 2h, 3d, 4a, 4c, 4e, and 4h)	7802RA-TK1

* Indicates not illustrated.

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

For additional information, refer to:

Product Safety Information Manual 04580353 and 47509198001 (ATEX)

Product Information Manual 04580452