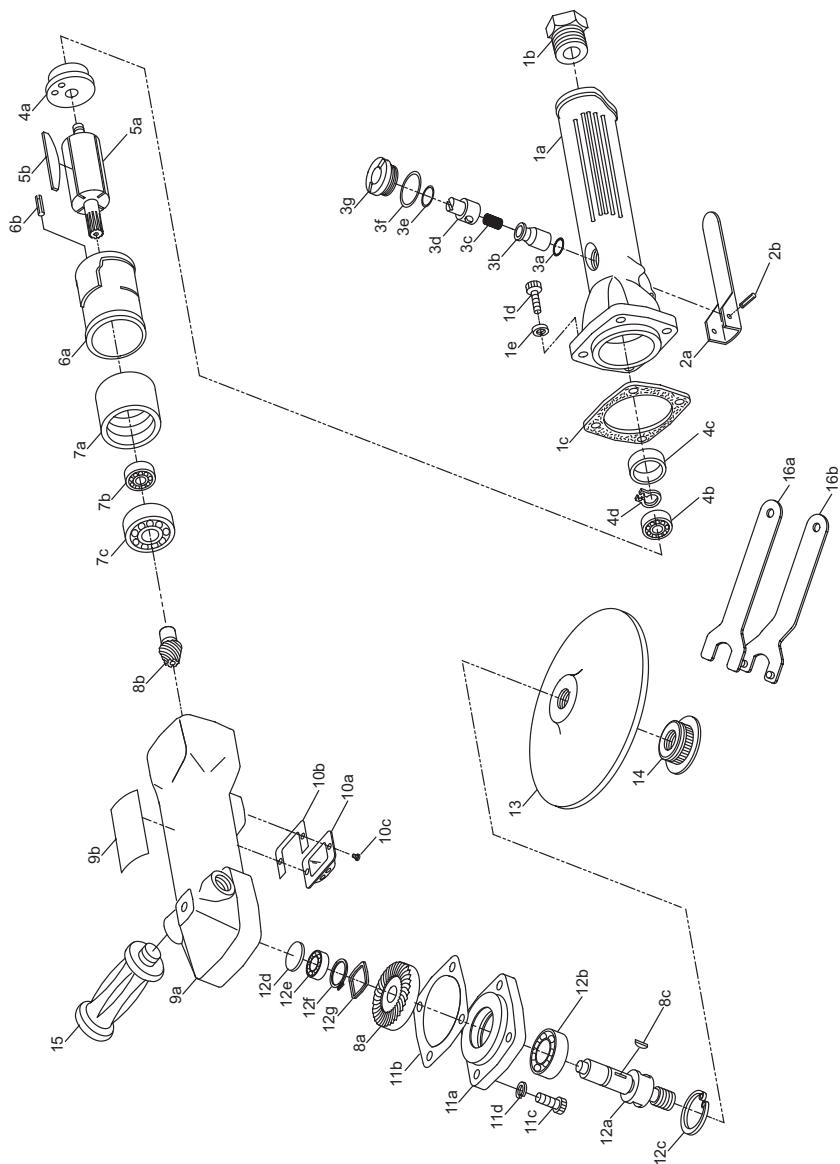


313A and 314A Air Sander and Polisher Exploded Diagram



(Dwg. TPB962)

313A and 314A Air Sander and Polisher Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Throttle Handle Assembly	313A-A160	8	Gear Assembly	----
	Throttle Handle (1a)	----		for 313A	313A-A552
	Inlet Bushing (1b)	313A-565		for 314A	314A-A552
	Throttle Gasket (1c)	----		Pinion Gear (8a)	----
	Cap Screw (1d)	----		Pinion (8b)	----
	Lock Washer (1e)	----		Arbor Key (8c)	----
2	Lever Assembly	313A-A273	9	Angle Housing Assembly	----
	Throttle Lever (2a)	----		for 313A	313A-A550
	Throttle Lever Pin (2b)	----		for 314A	314A-A550
3	Throttle Assembly	313A-A302		Angle Housing (9a)	----
	Throttle Valve Seal (3a)	----		Nameplate/Warning label (9b)	----
	Throttle Valve (3b)	----		for 313A	313A-301
	Throttle Valve Spring (3c)	----		for 314A	314A-301
	Speed Regulator (3d)	----	10	Exhaust Assembly	313A-A123
	Regulator Seal (3e)	----		Exhaust Deflector (10a)	----
	Valve Cap Seal (3f)	----		Exhaust Gasket (10b)	----
	Throttle Valve Cap (3g)	----		Deflector Retaining Screw (10c)	----
4	Rear End Plate Assembly	313A-A12	11	Bearing Housing Assembly	313A-A555
	Rear End Plate (4a)	----		Bearing Housing (11a)	----
	Rotor Bearing (4b)	----		Bearing Housing Gasket (11b)	----
	Bearing Rubber Cap (4c)	----		Cap Screw (11c)	----
	Rotor Bearing Retainer (4d)	----		Lock Washer (11d)	----
5	Rotor Assembly	----	12	Arbor Assembly	313A-A591
	for 313A	313A-A53		Arbor (12a)	----
	for 314A	314A-A53		Arbor Lower Bearing (12b)	----
	Rotor (5a)	----		Bearing Retaining Ring (12c)	----
	Vane (4) (5b)	313A-42-4		Bearing Cover (12d)	----
6	Cylinder Assembly	313A-A3		Rotor Bearing (12e)	----
	Cylinder (6a)	----		Gear Retaining Ring (12f)	----
	Cylinder Alignment Pin (6b)	----		Gear Thrust Washer (12g)	----
7	Front End Plate Assembly	313A-A11	13	Pad	313A-825-7
	Front End Plate (7a)	----	14	Pad Nut	313A-226
	Rotor Bearing (7b)	----	15	Dead Handle	313A-48
	Pinion Bearing (7c)	----	16	Wrench Kit	313A-69
				Arbor Wrench (16a)	----
				Disc Wrench (16b)	----

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:

Rotary Air Sander, Polisher and Buffer Product Safety Information Manual 04580387.
Rotary Air Sander, Polisher and Buffer Product Information Manual 04580379.

Manuals can be downloaded from www.irtools.com.