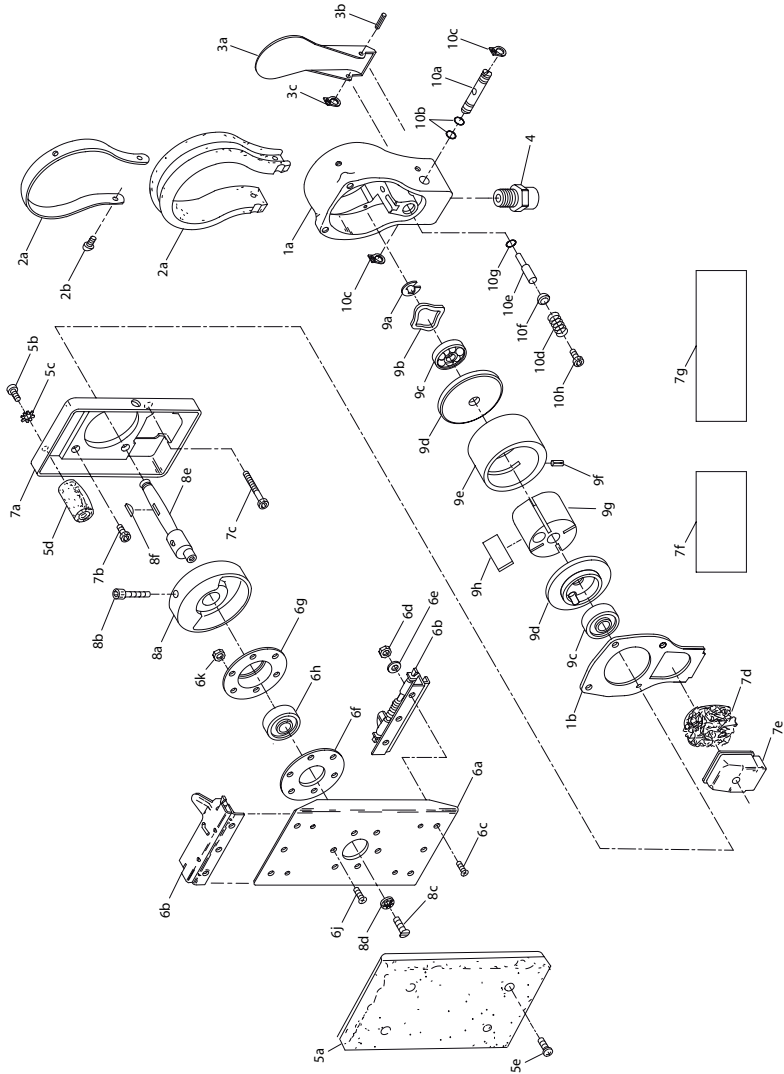


# 312A Orbital Sander Exploded Diagram



(Dwg. TPA1885\_B)

## 312A Orbital Sander Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	HOUSING ASSEMBLY	312A-A40	7c	Long Cylinder Case Screw (2)	--
1a	Cylinder Case	--	7d	Muffler	--
1b	Cylinder Case Gasket	--	7e	Deflector	--
2	Grip Assembly	312A-A109	7f	Nameplate	312A-301
2a	Hand Grip and Grip Retaining Band	--	7g	Warning Label	WARNING-28-99
2b	Retaining Band Screw (4)	--	8	BALANCE BODY ASSEMBLY	312A-A236
3	Lever Assembly	04655478	8a	Counterweight	--
3a	Throttle Lever	--	8b	Counterweight Retaining Screw	--
3b	Throttle Lever Pin	--	8c	Shoe Bearing Retaining Screw	--
3c	Lever Retainer	--	8d	Retaining Screw Lock Washer	--
4	Inlet Bushing	312A-565	8e	Arbor	--
5	PAD ASSEMBLY	312A-A825	8f	Rotor Key	--
5a	Sanding Pad	--	9	MOTOR ASSEMBLY	312A-A53
5b	Mount Retaining Screw (4)	--	9a	Rear Endplate Retainer	--
5c	Lock Washer (4)	--	9b	Wave Washer	--
5d	Rubber Mount (4)	312A-232	9c	Rotor Bearing (2)	--
5e	Sanding Pad Retaining Screw (4)	--	9d	Endplate (2)	--
6	SANDING PAD SHOE ASSEMBLY	312A-A226	9e	Cylinder	--
6a	Sanding Pad Shoe	--	9f	Spring Pin	--
6b	Sanding Pad Clamp (2)	--	9g	Rotor	--
6c	Pad Clamp Retaining Screw (6)	--	9h	Vane Pack (Set of 4)	312A-42-4
6d	Pad Clamp Nut (6)	--	10	VALVE ASSEMBLY	312A-A302
6e	Lock Washer (6)	--	10a	Speed Regulator	--
6f	Bearing Housing Spacer	--	10b	Regulator Seal (2)	--
6g	Shoe Bearing Housing	--	10c	Regulator Retainer (2)	--
6h	Sanding Pad Shoe Bearing	312A-22	10d	Throttle Valve Spring	--
6j	Bearing Housing Retaining Screw (6)	--	10e	Throttle Valve Plunger	--
6k	Retaining Screw Nut (6)	--	10f	Valve O-Ring	--
7	BASE ASSEMBLY	312A-A140	10g	Plunger O-Ring	--
7a	Sander Base	--	10h	Valve Plug	--
7b	Short Cylinder Case Screw (2)	--			

## 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 or Buffer Product Safety Information Manual Form 04584967,

Air Orbital Sander Product Information Manual Form 04581575.

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