



16573909
Edition 2
May 2014

Rotary Vertical Air Sander

88S Series

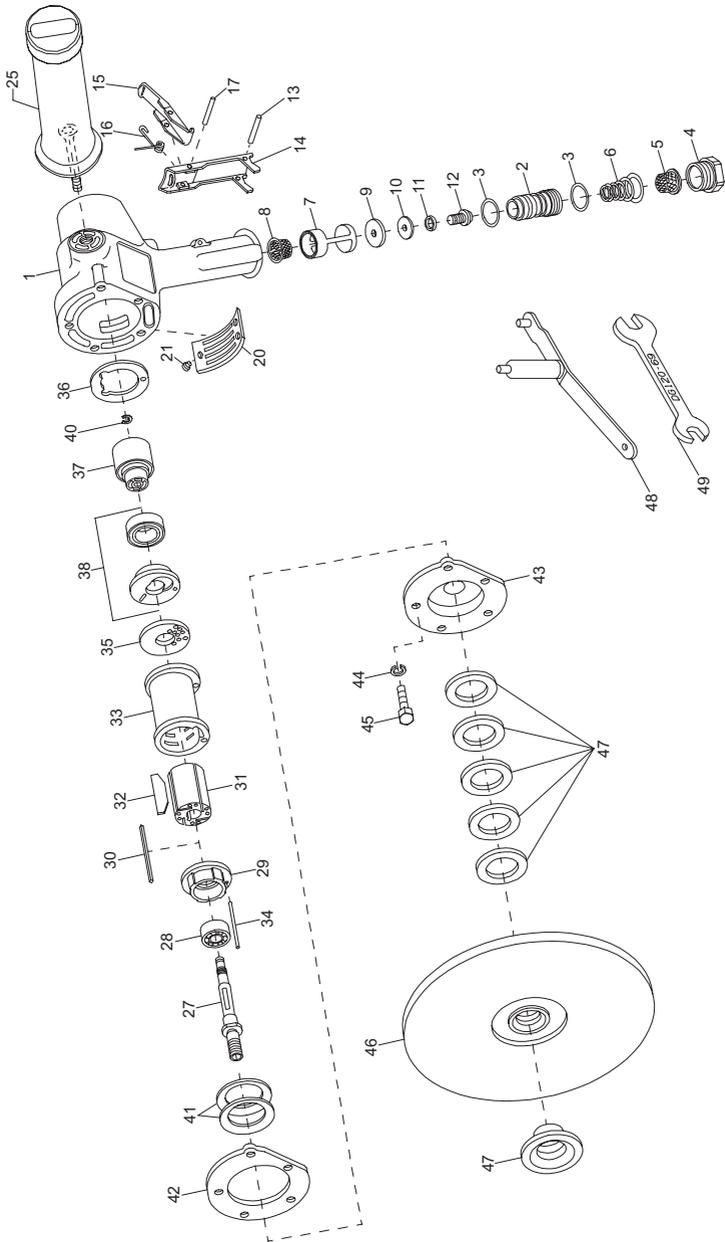
Parts Information



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88S Vertical Air Sander Exploded Diagram



(Dwg. TPA719-6)

88S Vertical Air Sander Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
+ 1	Cylinder Case Assembly for all models ending in -EU	88V60-EU-A25	• 33	Cylinder	88V60-3
	for all other models	88V60-A25	• 34	Cylinder Dowel	88V60-98
2	Throttle Valve Assembly	88V60-A302	35	Rear End Plate	88V60-12
+ 3	Seal (2)	C321-606	† • 36	Rear End Plate Gasket	88V60-739
4	Inlet Bushing	88V60-38	37	Controller Assembly for 88S45 (4500 rpm) (brown)	88S45-A424
† • 5	Inlet Bushing Screen	834-61		for 88S60 (6000 rpm) (blue)	88V60-A424
† • 6	Throttle Valve Spring	99V60-262	38	Rotor Bearing Seal Assembly	88V60-A28
7	Throttle Valve Seat Support 43 Motor Retaining Plate 88S60-55 Assembly	88V60-A303	† 40	Controller Retaining Ring	88V60-118
† • 8	Air Strainer Screen	834-61	41	Motor Clamp Belleville Washer (2)	88V60-207
† • 9	Valve Seat	R4-159A	† • 42	Cylinder Case Gasket	88V60-283
10	Valve Seat Washer	99V60-155	43	Motor Retaining Plate	88S60-55
11	Valve Screw Lock Washer	H54U-352	44	Cylinder Case Screw Lock Washer (5)	10BM-67
12	Valve Seat Screw	PS3-83	45	Cylinder Case Screw (5)	99V60-638
• 13	Throttle Lever Pin	MR-100	46	Sanding Pad Assembly	
14	Locking Lever Assembly	88V60-A400		with 5" Sanding Pad	77A-AM825-5
15	Lever Lock	88V60-402		with 7" Sanding Pad (medium)	77A-AM825-7
16	Lever Lock Spring	88V60-405		with 7" Sanding Pad (firm)	77A-BM825-7
17	Lever Lock Pin	502B-120		with 9" Sanding Pad	77A-AM825-9
*	Nameplate (for 88V60-EU-A25)	88V-EU-K301	47	Pad Mounting Kit	77A-826
*	Nameplate Screw (for 88V60-EU-A25) (4)	BN403-302	*	Piped-Away Exhaust Kit	88V60-K184
*	Warning Label (for 88V60-EU-A25)	EU-99	*	Exhaust Hose	99V60-184
*	Nameplate Kit (for 88V60-A25)	88V-K301	*	Exhaust Hose Clamp	DG30-67
	Nameplate Screw (4)	BN403-302	*	Exhaust Elbow	88V60-167
	Warning Label	WARNING-5-99	*	Exhaust Elbow Gasket	99V60-49
20	Exhaust Deflector	99V60-23	*	Exhaust Elbow Screw (3)	FEA100-112
21	Exhaust Deflector Screw (3)	99V60-200	*	Exhaust Hose Band Assembly	99V60-A927
*	Nameplate	88S60-301	*	Exhaust Hose Band (4)	99V60-927
*	Nameplate Screw (4)	BN403-302	*	Exhaust Hose Band Screw (4)	MT1-36-7/8
25	Dead Handle	ERG0-A48	*	Screw (2)	JC3350-103
27	Arbor		*	Exhaust Hose Band Nut (6)	G8-120A
	for 88S45 (4500 rpm) (brown)	88S45-204-W10	48	Wrench	AG230-26M
	for 88S60 (6000 rpm) (blue)	88S60-204-W10	49	Wrench (double end 5/8" x 3/4")	DG120-69
28	Front Rotor Bearing	R380-105	*	Controller Wrench (for removing or installing the Controller Assembly)	88V60-950
29	Front End Plate	88V60-11	*	Seal Pressing Tool (for pressing off the Controller Assembly from the Rear Rotor Bearing)	99V60-951
• 30	Rotor Key	88V60-70	*	Bearing Clamp (for clamping the outer race of Rear Rotor Bearing to release the Controller)	99V60-A952
31	Rotor	88V60-53	*	Bearing Clamp (for clamping the outer race of Rear Rotor Bearing to release the Controller)	88V60-K950
† • 32	Vane Packet (set of 4 Vanes)	88V60-42-4	*	Tune-up Kit (includes illustrated parts 3 [2], 5, 6, 8, 9, 32, 36, 40 and 42)	88V/88H-TK3

* Not Illustrated.

† To keep downtime to a minimum, it is desirable to stock one of each of these service kits for every four tools in service.

• To keep downtime to a minimum, it is desirable to have on hand certain repair parts. We recommend that you stock one (pair or set) of each part indicated by a bullet (•) for every four tools in service.

+ Whenever a new Cylinder Case Assembly is installed, select the correct Nameplate from the Nameplate Kit and attach it to the Cylinder Case with the Nameplate Screws.

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 Sander Product Safety Information Manual 04580387.

Air Sander Product Information Manual 80152861 and 80152879.

Air Sander Maintenance Information Manual 16574980.

Manuals can be downloaded from ingersollrandproducts.com

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