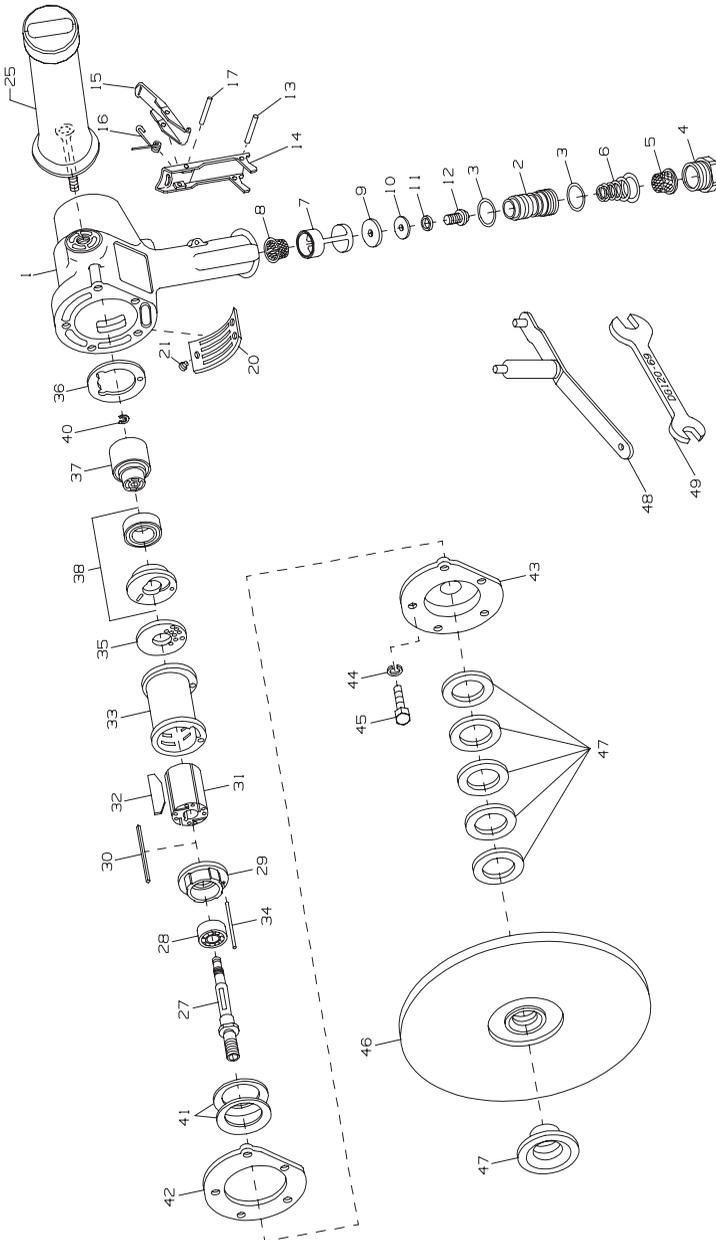


88S Vertical Air Sander Exploded Diagram



(Dwg. TPA719-6)

88S Vertical Air Sander Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
+ 1	Cylinder Case Assembly		† • 36	Rear End Plate Gasket	88V60-739
	for all models ending in -EU	88V60-EU-A25	37	Controller Assembly	
	for all other models	88V60-A25		for 88S45 (4500 rpm) (brown)	88S45-A424
2	Throttle Valve Assembly	88V60-A302		for 88S60 (6000 rpm) (blue)	88V60-A424
† • 3	Seal (2)	C321-606	38	Rotor Bearing Seal Assembly	88V60-A28
4	Inlet Bushing	88V60-38	† 40	Controller Retaining Ring	88V60-118
† • 5	Inlet Bushing Screen	834-61	41	Motor Clamp Belleville Washer (2)	88V60-207
† • 6	Throttle Valve Spring	99V60-262	† • 42	Cylinder Case Gasket	88V60-283
7	Throttle Valve Seat Support Assembly	88V60-A303	43	Motor Retaining Plate	88S60-55
† • 8	Air Strainer Screen	834-61	44	Cylinder Case Screw Lock Washer (5)	10BM-67
† • 9	Valve Seat	R4-159A	45	Cylinder Case Screw (5)	99V60-638
10	Valve Seat Washer	99V60-155	46	Sanding Pad Assembly	
11	Valve Screw Lock Washer	H54U-352		with 5" Sanding Pad	77A-AM825-5
12	Valve Seat Screw	PS3-83		with 7" Sanding Pad (medium)	77A-AM825-7
• 13	Throttle Lever Pin	MR-100		with 7" Sanding Pad (firm)	77A-BM825-7
14	Locking Lever Assembly	88V60-A400		with 9" Sanding Pad	77A-AM825-9
15	Lever Lock	88V60-402	47	Pad Mounting Kit	77A-826
16	Lever Lock Spring	88V60-405	*	Piped-Away Exhaust Kit	88V60-K184
17	Lever Lock Pin	502B-120	*	Exhaust Hose	99V60-184
*	Nameplate (for 88V60-EU-A25)	88V-EU-K301	*	Exhaust Hose Clamp	DG30-67
*	Nameplate Screw (for 88V60-EU-A25) (4)	BN403-302	*	Exhaust Elbow	88V60-167
*	Warning Label (for 88V60-EU-A25)	EU-99	*	Exhaust Elbow Gasket	99V60-49
*	Nameplate Kit (for 88V60-A25)	88V-K301	*	Exhaust Elbow Screw (3)	FEA100-112
	Nameplate Screw (4)	BN403-302	*	Exhaust Hose Band Assembly	99V60-A927
	Warning Label	WARNING-5-99	*	Exhaust Hose Band (4)	99V60-927
20	Exhaust Deflector	99V60-23	*	Exhaust Hose Band Screw (4)	MT1-36-78
21	Exhaust Deflector Screw (3)	99V60-200	*	Screw (2)	JC3350-103
*	Nameplate	88S60-301	*	Exhaust Hose Band Nut (6)	G8-120A
*	Nameplate Screw (4)	BN403-302	48	Wrench	AG230-26M
25	Dead Handle	ERG0-A48	49	Wrench (double end 5/8" x 3/4")	DG120-69
27	Arbor		*	Controller Wrench (for removing or installing the Controller Assembly)	88V60-950
	for 88S45 (4500 rpm) (brown)	88S45-204-W10		Seal Pressing Tool (for pressing off the Controller Assembly from the Rear Rotor Bearing)	99V60-951
	for 88S60 (6000 rpm) (blue)	88S60-204-W10		Bearing Clamp (for clamping the outer race of Rear Rotor Bearing to release the Controller)	99V60-A952
28	Front Rotor Bearing	R380-105	*	Controller Maintenance Kit (includes 88V60-950, 99V60-951 and 99V60-A952)	88V60-K950
29	Front End Plate	88V60-11	*	Tune-up Kit (includes illustrated parts 3 [2], 5, 6, 8, 9, 32, 36, 40 and 42)	88V/88H-TK3
• 30	Rotor Key	88V60-70			
31	Rotor	88V60-53			
† • 32	Vane Packet (set of 4 Vanes)	88V60-42-4			
33	Cylinder	88V60-3			
• 34	Cylinder Dowel	88V60-98			
35	Rear End Plate	88V60-12			

* Not illustrated.

† Indicates Tune-up Kit part.

• 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 www.irtools.com.



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