



16573289
Edition 3
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Air Grinder

88H Series

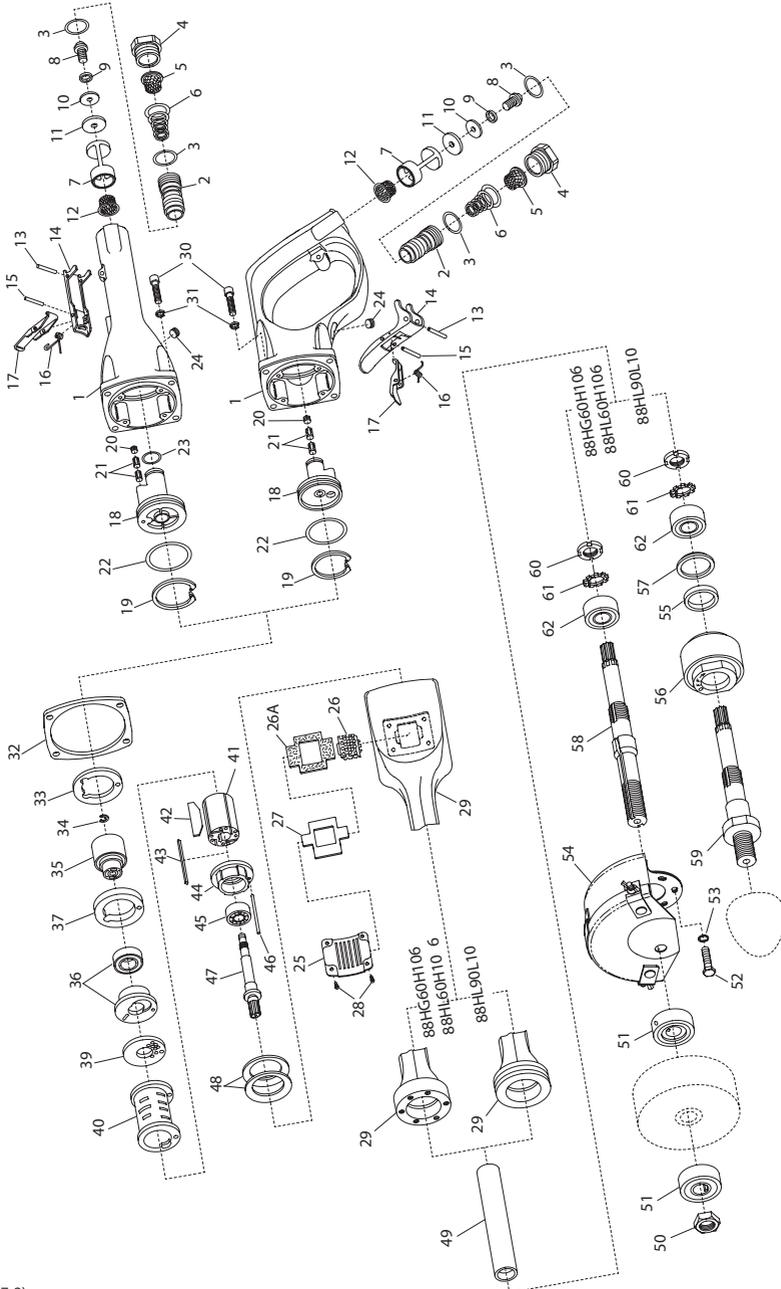
Parts Information



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88H Series Air Grinder - Exploded View



(Dwg. TPA757-3)

88H Series Air Grinder - Parts List

Item	Part Description	Grip Handle	Lever Handle
1	Throttle Handle Assembly	88HG60-A1	88HL60-A160
2	Throttle Valve Assembly	88V60-A302	88V60-A302
• 3	Seal (2)	C321-606	C321-606
4	Inlet Bushing	88V60-38	88V60-38
• 5	Inlet Bushing Screen	834-61	834-61
• 6	Throttle Valve Spring	99V60-262	99V60-262
7	Throttle Valve Seat Support Assembly	88V60-A303	88V60-A303
8	Valve Seat Screw	PS3-83	PS3-83
9	Valve Screw Lock Washer	H54U-352	H54U-352
10	Valve Seat Washer	99V60-155	99V60-155
• 11	Valve Seat	R4-159A	R4-159A
• 12	Air Strainer Screen	834-61	834-61
13	Throttle Lever Pin	MR-100	MR-100
14	Throttle Lever Assembly	88HG60-A400	88V60-A400
15	Lever Lock Pin	R100B-120	502B-120
16	Lever Lock Spring	88HG60-405	88V60-405
17	Lever Lock	88HG60-402	88V60-402
18	Oiler Body Assembly	88HG60-A198	88HL60-A198
19	Oiler Retainer	88HG60-298	88HL60-298
20	Oiler Adjusting Screw	R1-71A	R1-71A
21	Oiler Felt (2)	R1-75	R1-75
• 22	O-Ring (Large)	M0V010AA-379	WFS182-210
• 23	O-Ring (Small)	---	88HL60-103
24	Oil Chamber Plug	R2-227	R2-227

• 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.

88H Series Air Grinder - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
25	Exhaust Deflector	88H60-23	47	Rotor Shaft	
26	Exhaust Baffle	88H90-311		for 88HG60H106 and 88HL60H106 (13 teeth)	88H60-52
26A	Exhaust Deflector Gasket	88H60-129		for 88HL90L10 (10 teeth)	88H90-52
27	Exhaust Diffuser		48	Motor Clamp Washer (2)	88V60-207
	for 88HL60H106	99H80-123		49	Arbor Coupling
	for 88HL90L10	88H90-123	for 88HG60H106 and 88HL60H106 (13 teeth)		88H60-304
28	Exhaust Deflector Screw (4)	99V60-200		for 88HL90L10 (10 teeth)	88H90-304
+ 29	Arbor Housing		50	Wheel Nut for 88HG60H106 and 88HL60H106 (5/8"-11 thread)	HU-776
	for 88HG60H106 and 88HL60H106	88H60-A40		51	Wheel Flange (2) (for 88HG60H106 and 88HL60H106)
	for 88HG60H106-EU and 88HL60H106-EU	88H60-EU-A40	52		Guard Screw (6)
	for 88H90L10	88H60-A40A		53	Guard Screw Lock Washer (6)
	for 88H90L10-EU	88H60-EU-A40A	54		Wheel Guard
*	Nameplate Kit (for 88H60-EU-A40 and 88H60-EU-A40A)	88H-EU-K301	*	Guard Latch Screw	
*	Nameplate Screw (4) (for models ending in -EU)	C32-302		for old style Guard with slotted dome Latch Retainer	
*	Warning Label (for models ending in - EU)	EU-99		for new style Guard with smooth threaded face Latch Retainer	88H60-7
*	Nameplate Kit (for 88H60-A40 and 88H60-A40A)	88H-K301	55	Dust Washer	88H60-7A
	Warning Label	WARNING-4-99	56	Bearing Cap	R4-35
	Nameplate Screw (4)	C32-302	57	Bearing Cap Spring	88H-19
30	Arbor Housing Screw (4)	88H60-29	58	Arbor (for Type 1 Grinding Wheels up to 1" wide) (for 88HG60H106 and 88HL60H106) (5/8"-11 thread) (13 teeth)	88H-20
31	Arbor Housing Lock Washer (4)	88H60-58		59	Cone Wheel Arbor (for 88HL90L10) (accommodates 3" Cone Wheel) (10 teeth)
+ 32	Arbor Housing Gasket	88H60-283	60	Bearing Locknut	88H90-104-L10
+ 33	Rear End Plate Gasket	88V60-739	61	Bearing Lock Washer	88H60-84
34	Controller Retaining Ring	88V60-118	+ 62	Arbor Bearing	88H60-27
35	"Controller Assembly (consists of Controller and Rotor Bearing Seal Assembly)"		*	"Wheel Adapter Kit (for 88HG60H106) (consists of four Adapters for mounting Type 1 Wheels as follows: 32 mm wide x 20 mm arbor hole; 32 mm wide x 32 mm arbor hole; 25 mm wide x 20 mm arbor hole and 25 mm wide x 32 mm arbor hole"	88H60-K900
	for 88HG60H106 and 88HL60H106 (Blue)	88V60-A524			
	for 88HL90L10 (Red)	88V85-A524			
36	Rotor Bearing Seal Assembly (consists of Rear Rotor Bearing and Rotor Bearing Seal)	88V60-A28			
37	Bearing Cage	88H60-107			
39	Rear End Plate	88V60-12			
40	Cylinder	88V60-3	*	Controller Wrench	88V60-950
41	Rotor	88V60-53	*	Seal Pressing Tool	99V60-951
+ 42	Vane Packet (set of 4 Vanes)	88V60-42-4	*	Bearing Clamp	99V60-A952
+ 43	Rotor Key	88V60-70	*	Kit (includes 88V60-950, 99V60-951 and 99V60-A952)	88V60-K950
44	Front End Plate	88V60-11	*	Cone Wheel Arbor Wrench	7RAQT4-254
45	Front Rotor Bearing	R380-105	*	Deflector Screw Wrench	R2J-562
+ 46	Cylinder Dowel	88H60-98	*	Tune-up Kit (includes illustrated parts 3 [2], 5 [2], 6, 11, 12, 21 [2], 22, 23, 32, 33, 34 and 42)	88V/88H-TK3

* Not illustrated.

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+ Whenever a new Arbor Housing Assembly is installed, select the correct Nameplate from the Nameplate Kit and attach it to the Housing 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:

Product Safety Information Manual 04584959.

Product Information Manual 16576100.

Maintenance Information Manual 16573347.

Manuals can be downloaded from ingersollrandproducts.com

Notes:

Notes:

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