



48420566

Edition 3

July 2015

Air Sander

M2 Series

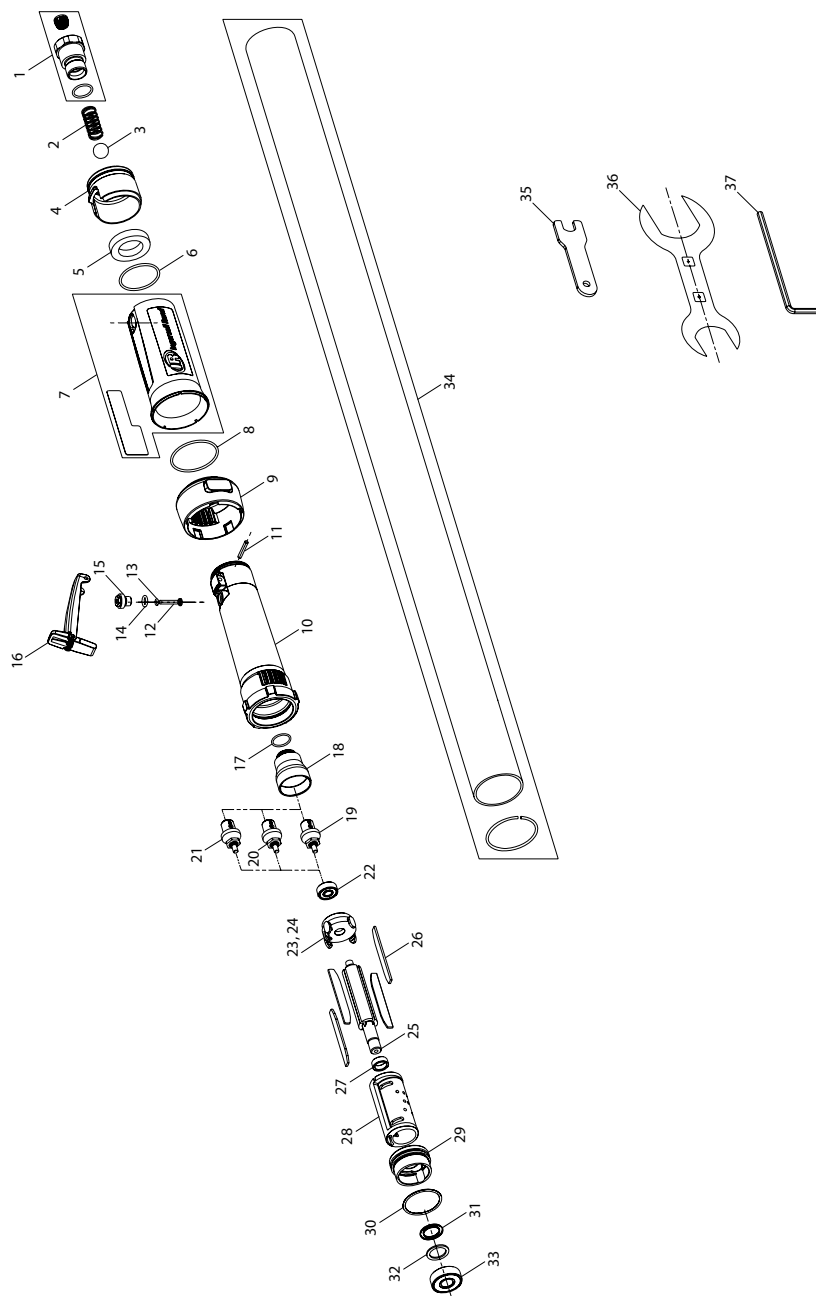
Parts Information



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M2 Series Sanders - Exploded View (Motor & Motor Housing)



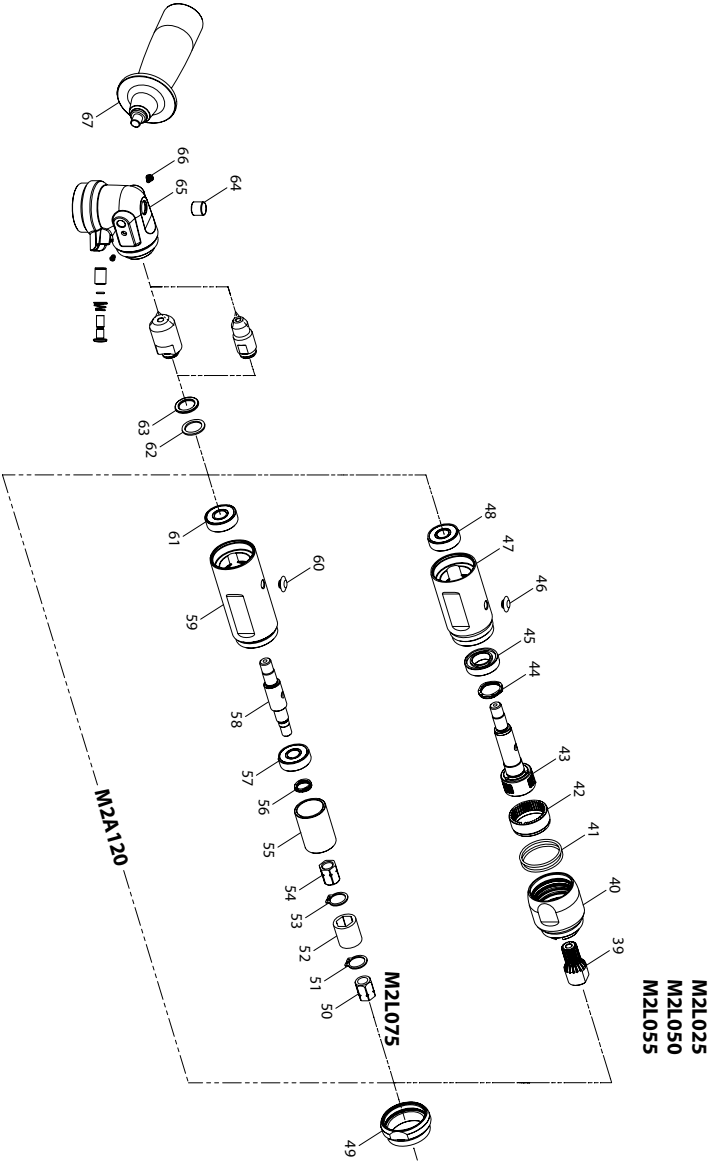
(Dwg. 47506260)

M2 Series Sanders - Parts List (Motor & Motor Housing)

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Inlet Bushing Assembly	HG2-A465	21	Controller Assembly (25,000 RPM) M2L055 model	HG2-A424-25K
	Inlet Bushing	---	22	Bearing	HG2-127A
	Inlet Screen	R1602-61	23	Rear End Plate	HG2-12
	Inlet O-ring	48410609	24	Pin	Y178-211
2	Spring	MG1-51	25	Rotor	HG2-53-4
3	Ball	D10-280	26	Vane Pack (Set of 4)	HG2-42-4
4	Rear Exhaust Diffuser	HG2-123	27	Rotor Spacer	LG2-65
5	Rear Muffler	HG2-311R	28	Cylinder	HG2-3A
6	O-ring	Y325-26	29	Front End Plate	HG2-11
7	Sleeve and Label Assembly	HG2-A747	30	O-Ring	Y325-25
	Sleeve	---	31	Felt Wiper Cup	61H-32
	Model Label	HG2-300	32	Felt Wiper	HG2-33
8	O-ring	Y325-29	33	Bearing	HG2-24
9	Front Housing Cap	HG2-202C	34	Piped Away exhaust kit	HG2-K284
10	Motor Housing Assembly	HG2-A40		Exhaust hose	---
11	Pin	HG2-120		Retaining ring	---
12	Throttle Pin	HG2-161	35	Wrench (11 mm, for controller assembly)	301-69A
13	O-ring	45635125	36	Wrench (38 mm, for clamp nut)	LA2-253
14	O-ring	Y325-10	37	Hex key (4 mm, for retention screw)	AG2-562
15	Throttle Pin Bushing	HG2-781	†	M2L075 Tune up kit includes items (2, 3, 5, 6, 8, 11, 13, 14, 17, 22, 26, 30, 31, 32, 33, 46, 51, 53, 56, 60, 61, 62, 63, 64, 71, 72, 75, 76, 79, 84)	HG2-STKL075
16	Lever Assembly	HG2-A400		M2L Tune up kit includes items (2, 3, 5, 6, 8, 11, 13, 14, 17, 22, 26, 30, 31, 32, 33, 41, 44, 45, 46, 48, 62, 63, 64, 70, 75, 79, 84)	HG2-STKL
	Lever	---			
	Lever Lock	---			
	Spring	---			
	Pin	---	†	M2A120 Tune up kit includes items (2, 3, 5, 6, 8, 11, 13, 14, 17, 22, 26, 30, 31, 32, 33, 62, 63, 64, 71, 72, 75, 76, 79, 84)	HG2-STKA120
17	O-ring	47112487			
18	Nozzle	HG2-19			
19	Controller Assembly (18,000 RPM) M2L040 & M2L075 models	HG2-A424-18K	†		
20	Controller Assembly (20,000 RPM) M2L025 & M2A120 models	HG2-A424-20K		Service Tool Kit (35, 36, 37)	HG2-STK

† Indicates common-wear parts. Maintain stock to reduce downtime.

M2 Series Sanders - Exploded View (Extension Parts)



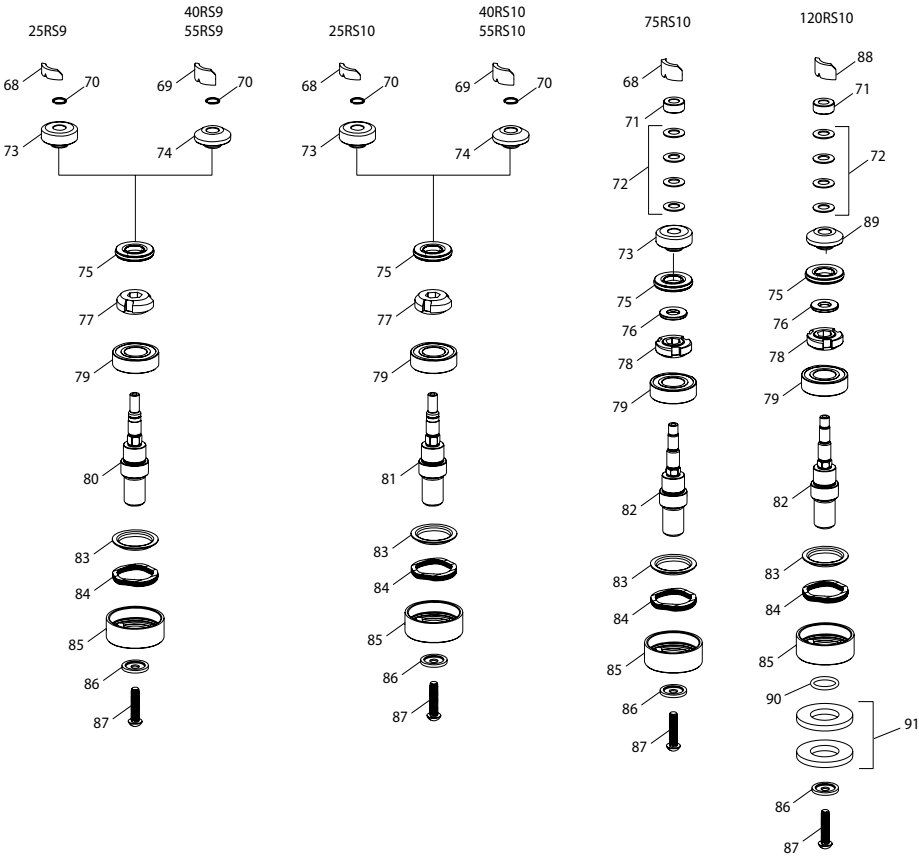
(Dwg. 47506261)

M2 Series Sanders - Parts List (Extension Parts)

Item	Part Description	Part Number	Item	Part Description	Part Number
M2L025, M2L040, M2L055			56	Wave Spring	HG2-250E
39	Pinion, 18 teeth	HG2-17	57	Bearing	HG2-24
40	Gear Case Assembly	HG2-A37	58	Arbor, Angle Extension	HG2-4AX
	Gear Case	---	59	Housing, Angle Extension	HG2-20AX
	Grease Fitting	D0F9-879	60	Access hole plug	EG220-92
	Pin	Y178-211	61	Bearing	HG2-24
41	O-ring (2)	Y325-26	ALL		
42	Ring Gear	HG2-406	62	Felt Wiper	HG2-33
43	Planetary Gear Assembly	HG2-A216	63	Felt Wiper Cup	61H-32
44	Wave Spring	HG2-250P	64	Bearing, Needle	MG1-693
45	Bearing	QA4-114803	65	Angle Head Assembly	HG2-A550
46	Access hole plug	EG220-92		Bearing	MG1-693
47	Housing, Extension Planetary	HG2-20PX1		Angle Housing	---
48	Bearing	HG2-24		Grease Fitting	---
*	IR # 67 Planetary gear grease (4 oz packet) Note: Do not use in angle head	67-4T		Locking Pin	---
				O-ring	---
				M2L075	
49	Clamp Nut	HG2-27		Spring, conical	---
50	Bearing Nut	LE2-85		Bushing	---
51	Retaining Ring	RX3-729		Warning Label, Heat	VT22-99
52	Arbor Coupling	LE2-304	Seal Screw	47500512001	
53	Retaining Ring	RX3-729	66	Seal Screw	47500512001
54	Bearing Nut	HG2-85	67	Handle	HG2-48
55	Clamp Sleeve	HG2-276			

* Indicates Not Illustrated.

M2 Series Sanders - Exploded View (Angle Head)



(Dwg. 47506262)

M2 Series Sanders - Parts List (Angle Head)

Item	Part Description	Part Number	Item	Part Description	Part Number
68	Wick M2L075 & M2L025 models	HG2-561-2.4	78	Spindle Lock Hub M2L075 & M2A120 models	HG2-108A
69	Wick M2L040 & M2L055 models	HG2-561-1.3	79	Bearing	HG2-105A
88	Wick M2A120 model	HG2-561-1.7	80	Arbor, Sander M14	HG2-4-S9
70	Ring, retaining	48378715	81	Arbor, Sander 5/8" - 11	HG2-4A-S10
71	Arbor Collar	47501508001	82	Arbor, Sander 5/8" - 11 M2L075 & M2A120 models	HG2-4-S10
72	Belleville Spring (4)	47501506001	83	Spring Guide	HG2-119
73	Bevel Pinion Assembly M2L075 & M2L025 models	HG2-A552-2.4	84	Spring, Wave	HG2-250B
74	Bevel Pinion Assembly M2L040 & M2L055 models	HG2-A552-1.3	85	Bearing Retainer	HG2-531
89	Bevel Pinion Assembly M2A120 model	HG2-A552-1.7	86	Flange Nut Washer	LG2-218
75	Rotary Seal	HG2-223	87	Retention Screw	47502560001
76	Thrust Washer	HG2-317	90	O-Ring M2A120 model	Y325-14
77	Spindle Lock Hub	HG2-108	91	Disc Wheel Spacer (2) M2A120 model	R3F-286
			*	IR # 22 Angle Head Grease (20 cc packet)	77A-EP0

* Indicates Not Illustrated.

Parts and Maintenance

When tool life has expired, it is recommended that the tool be disassembled, degreased and parts separated by material for proper recycling.

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

Manuals can be downloaded from ingersollrandproducts.com.

For additional information, refer to:

Air Sander Product Safety Information Manual 04580387

Air Sander Product Information Manual 48420533

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