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Air Cutting Tool

HXAX Series

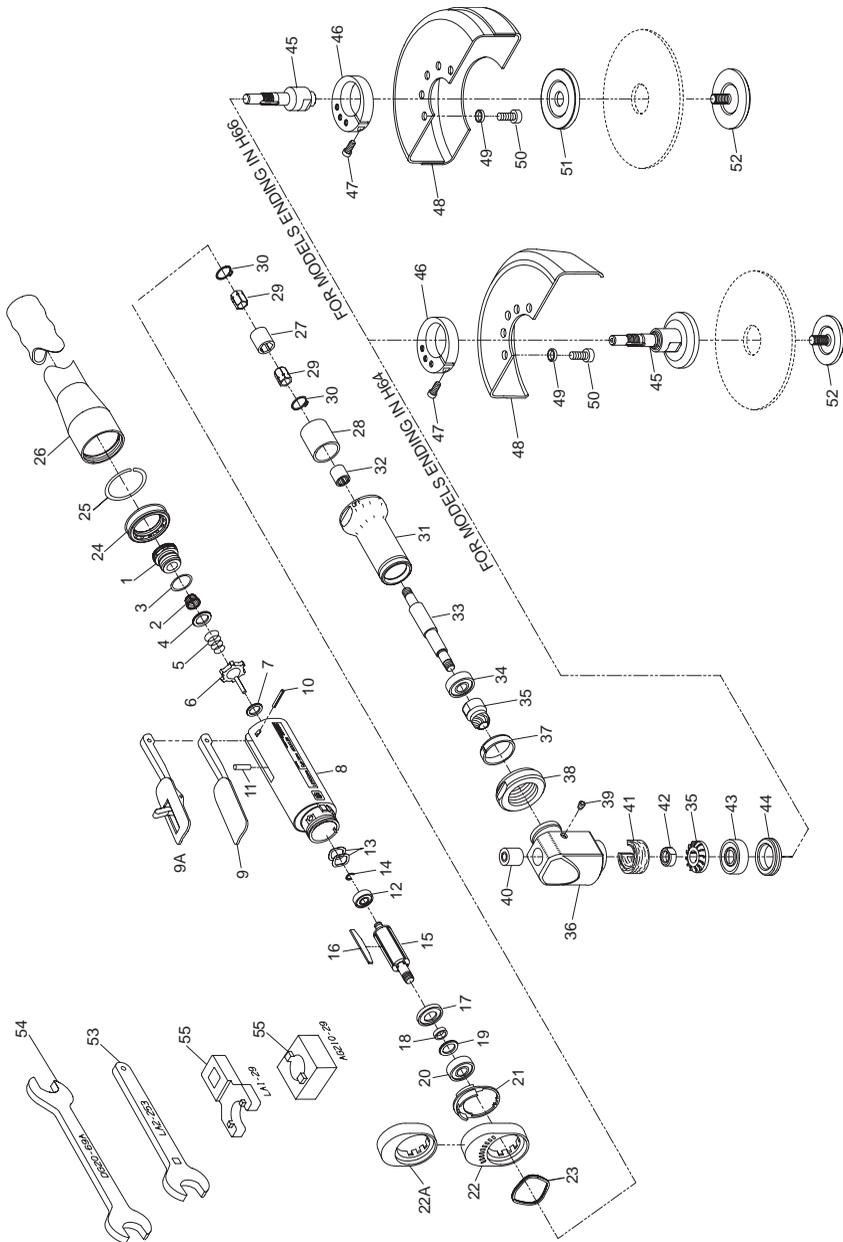
Parts Information



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 **Ingersoll Rand**

HXAX Angle Cutoff Tool Exploded Diagram



(Dwg. TPA1409-2)

HXAX Angle Cutoff Tool Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Inlet Assembly	LG2-A465	31	Extension Housing Assembly	LA2-A20
2	Inlet Screen	R1602-61	• 32	Rear Spindle Bearing	LE2-24
• 3	Inlet Seal	R18LF-21	33	Spindle	LA2-4
4	Throttle Valve Spring Seat	LG3-592	34	Front Spindle Bearing	LG1-24
5	Throttle Valve Spring	7L-51	35	Bevel Pinion and Bevel Gear (sold only as a matched set)	LA1-A552-1.5A
6	Throttle Valve	LG3-302	36	Angle Housing Assembly	LA1-A550S
7	Throttle Valve Seat	LG3-303	37	Clamp Spacer	LA1-46
8	Motor Housing	LG3-40	38	Clamp Nut	LG1-27
9	Throttle Lever	LG2-273	39	Grease Fitting	D0F9-879
9A	Locking Throttle Lever Assembly (for all models ending in L or C)	LG2-A400	40	Upper Arbor Bearing	AG210-693
*	Lever Lock	LG1-402	+ 41	Wick	LA1-561
*	Lock Spring	LG1-405	42	Bevel Gear Nut	AG210-578A
*	Lock Pin	5UT-757	43	Lower Arbor Bearing	AG210-24
10	Throttle Lever Pin	61H-120	44	Arbor Bearing Cap	AG210-531
11	Throttle Valve Plunger	LG2-191	45	Arbor	
12	Rear Rotor Bearing	R120-127		for models ending in H66	LA1-4-1
• 13	Rear Rotor Bearing Spacer (2)	400-25-191		for models ending in H64	LA1-104-1
• 14	Rear Rotor Bearing Retainer	LG1-118	46	Guard Adapter Assembly	LA1-A710
15	Rotor	LG3-53-4	47	Guard Adapter Pinch Bolt	804-634
• 16	Vane Packet (set of 4 Vanes)	DG31-42-4	48	Wheel Guard	
17	Front End Plate	LG2-11		for models ending in H66	LAX2-6
18	Front End Plate Spacer	LG2-65		for models ending in H64	AG121-106-4
• 19	Front Seal Cup Assembly	61H-A32	49	Guard Lock Washer (3)	R2-320
20	Front Rotor Bearing	LG2-24	50	Guard Mounting Screw (3)	AG31-667
21	Flow Ring (red)	LG2-103-3	51	Wheel Flange (for models ending in H66)	LA3-337-6
22	High Profile Flange	LG2-23	52	Wheel Flange Nut	
# 22A	Concentric Flange	LG3R-23		for models ending in H66	LA3-338-6
23	Flange Clamp	LG2-29		for models ending in H64	LA2-388
	Piped-Away Exhaust Kit	LG2-K284	53	Clamp Nut Wrench (double-end 1-3/16" x 1-1/2")	LA2-253
† 24	Exhaust Hose Adapter	LG2-184	54	Arbor Wrench (double-end 7/16" x 11/16") (for H66 models)	DG20-69A
† 25	Exhaust Hose Retainer	6WT-203	55	Arbor Bearing Cap Wrench	
† 26	Exhaust Hose	3RL-284			
*	Warning Label	LG2-99			
*	Nameplate	LA3125-301			
• 27	Arbor Coupling	LE2-304		for models ending in H66	AG210-29
28	Clamp Sleeve	LE2-176		for models ending in H64	LA1-29
29	Spindle Bearing Nut (2)	LE2-85	*	IR No. 10 Oil (4 oz. bottle)	10Z4
30	Coupling Retaining Ring (2)	RX3-729	*	IR No. 63 Oil (4 oz. bottle)	63Z4
			*	IR No. 67 Grease (1 lb. can)	67-1LB
			*	IR No. 77 Grease (1 lb. can)	77-1LB

* Not illustrated.

- 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.



Always install a Locking Throttle Lever Assembly (9A) on a tool with a Low Profile Concentric Flange (22A). Installing a Concentric Flange on a tool without a Locking Throttle Lever will allow the tool to continue running if the tool is dropped or set down on the standard non-locking Throttle Lever (9).

† Standard equipment with all models ending in **M**, **MC** or **ML**. Optional equipment on all other models.

+ The LA1-A550S Angle Housing Assembly is furnished with two Wicks. Use Wick (LA1-561) **with** the notch on HXAX125 models.

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 16576241 and 16576258.
Maintenance Information Manual 16575938.

Manuals can be downloaded from www.irttools.com.

Notes

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