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Air Sanders

CA Angle Belt Sander

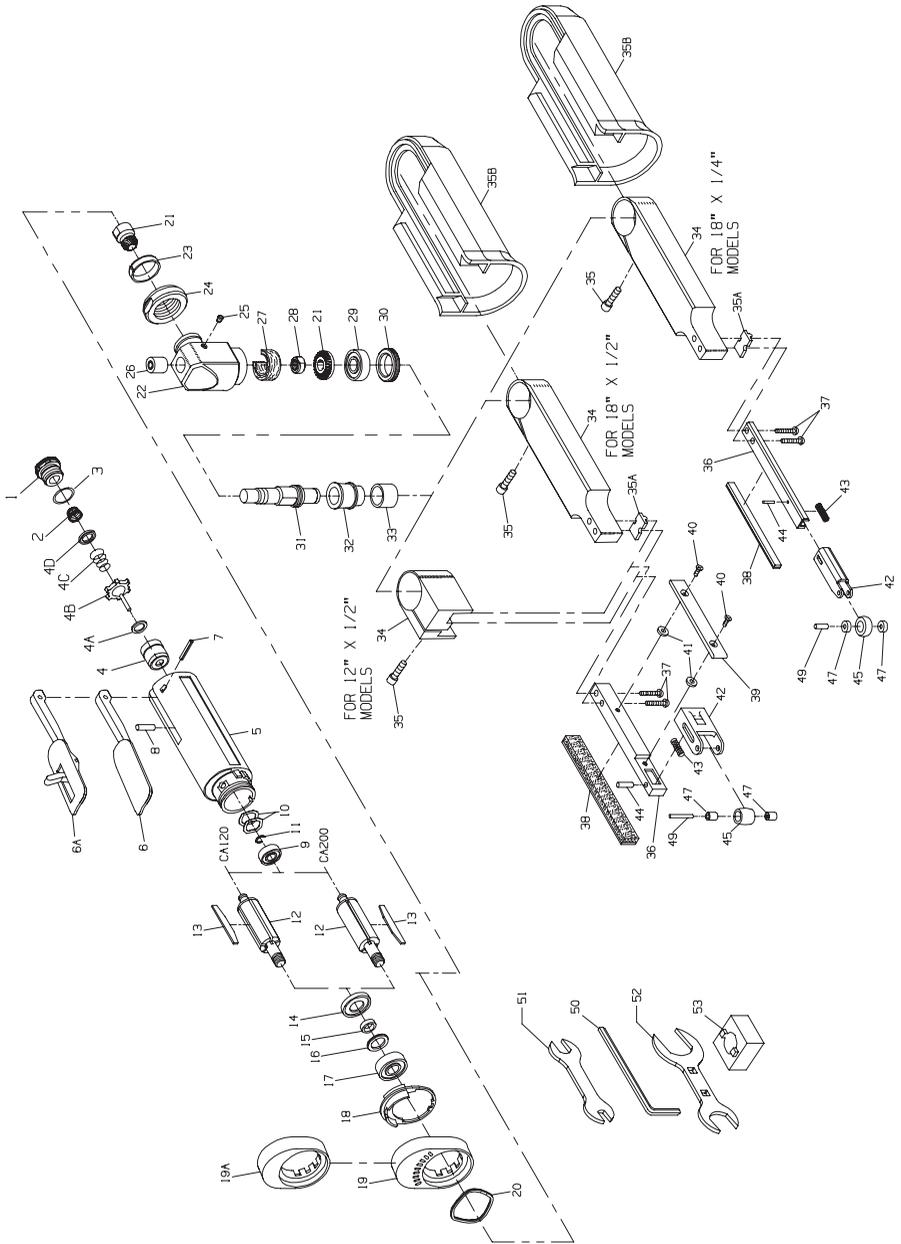
Parts Information



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CA Angle Belt Sander Exploded Diagram



(Dwg. TPA1302-3)

CA Angle Belt Sander Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Inlet Assembly	LG1-A465A	*	Warning Label	
2	Inlet Screen	R1602-61		for models ending in -EU	EU-99
* 3	Inlet Seal	85H-167		for all other models	LG1-99
	Throttle Valve Kit	LG1-K300	*	Nameplate	
4	Throttle Valve Cartridge Case	LG1-300A		for CA120 models ending in -EU.	LA112-EU-301
4A	Throttle Valve Seat	LG1-303		for all other CA120 models	LA112-301
4B	Throttle Valve	AG210-302		for CA200 models ending in -EU.	LA120-EU-301
4C	Throttle Valve Spring	7L-51		for all other CA200 models	LA120-301
4D	Throttle Valve Spring Seat	LG1-592		Belt Sander Assembly	
5	Motor Housing	LG1-40		for 12" x 1/2" models	LG1-A350-812
6	Throttle Lever	LG1-273		for 18" x 1/2" models	LG1-A350-818
6A	Locking Throttle Lever Assembly (for Models ending in L or C)	LG1-A400		for 18" x 1/4" models	LG1-A350-418
*	Lever Lock	LG1-402	32	Spindle Cap	LG1-362
*	Lock Spring	LG1-405	33	Drive Sleeve	LG1-358
*	Lock Pin	5UT-757	34	Guard	
7	Throttle Lever Pin	61H-120		for 12" models	LG1-901
8	Throttle Valve Plunger	LG1-191	35	Guard Clamp Screw	SRAD10A1-68
9	Rear Rotor Bearing	DG230-22	35A	Alignment Block (for 18" models only)	LG1-902
* 10	Rear Rotor Bearing Spacer (2)	DG20-278	35B	Cover (for 18" models only)	LG1-900
* 11	Rear Rotor Bearing Retainer	LG1-118	36	Clevis Assembly	
12	Rotor			for 12" x 1/2" and 18" x 1/2" models	LG1-A351A
	for CA120 (5 vane slots)	LG1-53-5		for 18" x 1/4" models	LG1-A351-18-1/4
	for CA200 (3 vane slots)	LG1-53-3			
* 13	Vane Packet (set of 5 Vanes)	LG1-42-5	*	Belt Speed Label	LA1-98
14	Front End Plate	LG1-11	37	Clevis Mounting Screw (2)	
15	Front End Plate Spacer	DG10-65-5		for 12" x 1/2" and 18" x 1/4" models	LG1-634
* 16	Front Seal Cup	LG1-32		for 18" x 1/2" models	LG1-903
17	Front Rotor Bearing	LG1-24			
18	Flow Ring		38	Belt Pad	
	for CA120 (brown)	LG1-103-1		for 12" x 1/2" and 18" x 1/2" models	LG1-363
	for CA200 (red)	LG1-103-3		for 18" x 1/4" models	LG1-364
19	High Profile Flange	LG1-23			
# 19A	Low Profile Concentric Flange (for all models ending in C)	LG1R-23	39	Belt Plate (for 12" x 1/2" and 18" x 1/2" models only)	LG1-360
20	Flange Clamp	LG1-29	40	Belt Plate Retaining Screw (for 12" x 1/2" and 18" x 1/2" models only) (2)	40-25-74-5
21	Bevel Pinion and Bevel Gear (sold only as a matched set)		41	Belt Plate Spacer (for 12" x 1/2" and 18" x 1/2" models only) (2)	LG1-361A
	for CA120	LA1-A552-2.0S			
	for CA200	LA1-A552-1.5A	42	Yoke	
22	Angle Housing Assembly	LA1-A550S		for 12" x 1/2" and 18" x 1/2" models	LG1-354A
23	Clamp Spacer	LA1-46		for 18" x 1/4" models	LG1-354-18-1/4
24	Clamp Nut	LG1-27	43	Yoke Spring	LG1-355
25	Grease Fitting	D0F9-879	44	Yoke Retaining Pin	
26	Upper Arbor Bearing	AG210-693		for 12" x 1/2" and 18" x 1/2" models	D92-152
+ 27	Wick			for 18" x 1/4" models	9DF5846-667
	for CA120	LA1-560	45	Idler Wheel Assembly	
	for CA200	LA-561		for 12" x 1/2" and 18" x 1/2" models	LG1-A352A
28	Bevel Gear Nut	AG210-578A		for 18" x 1/4" models	LG1-A352-18-1/4
29	Lower Arbor Bearing	AG210-24	47	Idler Wheel Bearing (2)	
30	Arbor Bearing Cap	AG210-531		for 12" x 1/2" and 18" x 1/2" models	7AH-500
31	Arbor	AG210-4-G4		for 18" x 1/4" models	LG1-365

* 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 (6A) on a tool with a Low Profile Concentric Flange (19A). 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 (6).

+ The LA1-A550S Angle Housing Assembly is furnished with two Wicks. Use Wick (LA1-561) with the notch on CA200 models.

CA Angle Belt Sander Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
49	Idle Wheel Shaft			100 Grit	LG1-SB818-100-10
	for 12" x 1/2" and 18" x 1/2" models	R31-121		for 18" x 1/4" models	
	for 18" x 1/4" models	LG1-366		60 Grit	LG1-SB418-60-10
50	Guard Clamp Screw Wrench (5/32" hex)	4U-478		80 Grit	LG1-SB418-80-10
*	Sanding Belt Pack (includes 10 belts)			100 Grit	LG1-SB418-100-10
	for 12" x 1/2" models		51	Collet Body Wrench (7/16" x 11/16")	DG20-69A
	60 Grit	LG1-SB812-60-10	52	Clamp Nut Wrench	LA2-253
	80 Grit	LG1-SB812-80-10	53	Arbor Bearing Cap Wrench	AG210-29
	100 Grit	LG1-SB812-100-10	*	Variable Speed Control Assembly (with piped away exhaust)	LG1-A1015
	for 18" x 1/2" models		*	Piped Away Exhaust Kit	LG1-K284
	60 Grit	LG1-SB818-60-10			
	80 Grit	LG1-SB818-80-10			

* Not illustrated.

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 04584942.
 Product Information Manuals 80154719, 80154727.
 Maintenance Information Manual 16574964.

Manuals can be downloaded from www.irttools.com.

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