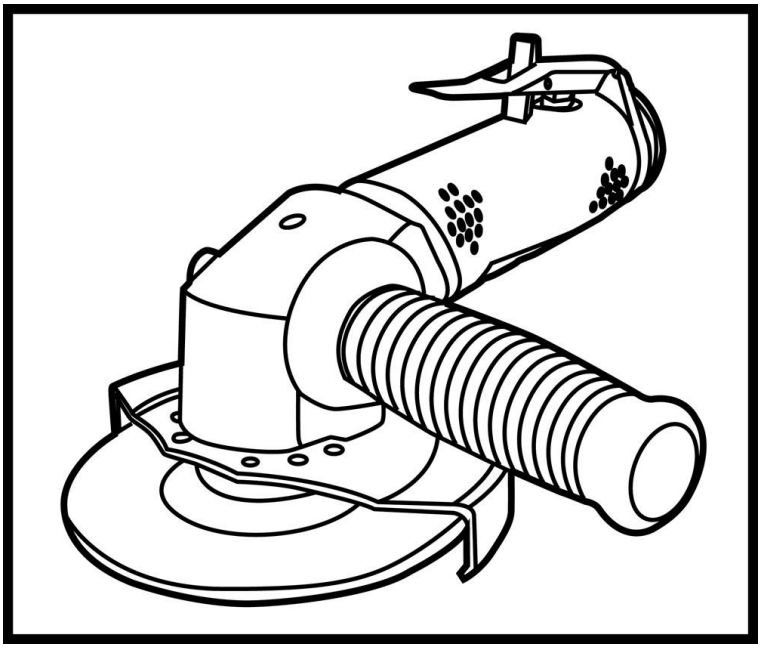


5” Industrial Air Angle Grinder W/O Lever Lock (Grinding Wheel Not Included) 102693 ST-GD505L3-L

Specification:

Free Speed	12,000 r/min
Spindle Thread	M14x2.0
Motor	2.3HP
Air Consumption	29 CFM (820 L/min)
Overall Length	9-1/5” (234 mm)
Air Inlet (PT)	3/8” (10 mm)
Air Hose (I.D.)	1/2” (13 mm)
Air Pressure	90 psi (6.3 bar)
Net Weight	4.0 lbs (1.8 kg)

Noise and Vibration:

Vibration EN ISO 28927-1	**Noise** EN ISO 15744	**Remark**
Load: 5.2 m/s^2	Sound Pressure Level load: 79 dB(A)	Please always wear ear protector at environment noise level > 80 dB(A) due to risk of impaired hearing!
	Sound power level load: 90 dB(A)	
Uncertainty K= 1.5 m/s^2	Uncertainty K= 3dB	

DECLARATION OF CONFORMITY

IRONSIDE INTERNATIONAL declares that this new product complies with the following regulations:

ART 102693 ST-GD505L3-L

Designation:

PNEUMATIC AIR ANGLE GRINDER

CE

Machinery Directive: 2006/42/EU

And conforms to the following EN Standard

EN ISO 12100: 2010
EN ISO 11148-7:2012

Name and signature

Stéphane DERRIEN

Date and place
18/01/2021

Foreword

IRONSIDE is a manufacturer and exporter of air tools since established. We have devoted all our efforts in improving quality and tools' life. As well as the noise and vibration of tools. Bring all of you working efficiency, profits, and enjoy using the tool is our principle.

Features

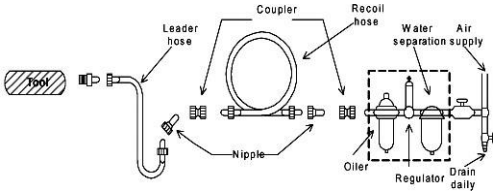
Ideal for cleaning casting, foundries, smoothing welds in forge shops, and smoothing applications in fabrication shops.

Operator's instruction

1. Cautions for Use

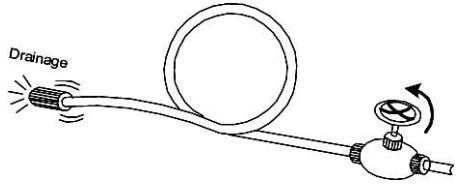
1-1 Air pressure
Maximum performance is displayed at the proper sanding speed, obtainable at a gauge pressure of 6.2 bar. Range-wise, this is an air pressure from 5 to 7 bar (70 to 100 psi)

1-2 Air line
Use a 1/2" air hose between the compressor and the tool . Compressed air is cooled and its water content separated, as soon as the air leaves the compressor.



A portion of the water content, however, is condensed in the piping, and can enter the tool mechanism, and may cause trouble. So, install an air filter and an oiler between the compressor and the tool. Use a 3 HP or larger compressor for each sander.

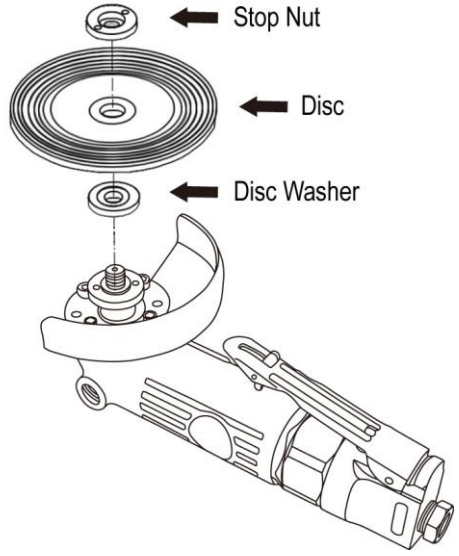
1-3 Air hose
Clean the hose with a blast of compressed air before connecting the hose to air tool. This will prevent both moisture and dust within the hose from entering the tool and causing possible rust or malfunction. To compensate for unusually long hose (over 25 ft), the line pressure should be increased accordingly.



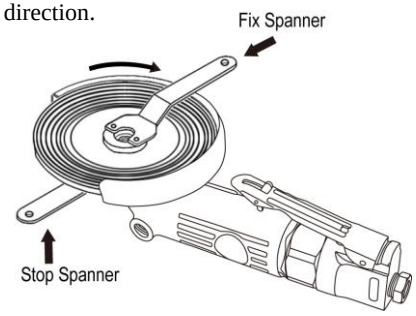
1-4 The approved eye protector, ear-muff, mouth-muffle, and gloves should be worn when operate this tool.
1-5 The working place shall be well ventilated.
1-6 Release the on-off device in the case of energy supply failure.

2. Assembly and Operation Method

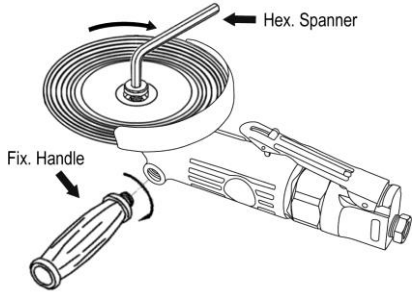
2-1 Assembly:
1. Set Disc, then fix Disc Screw in clockwise direction. (Do not put Disc Screw up-side-down and Disc Screw remember to rotate it to fix.)



2. Hold Stop Spanner by hand, Screw up Disc Screw with Hex Spanner in clockwise direction.

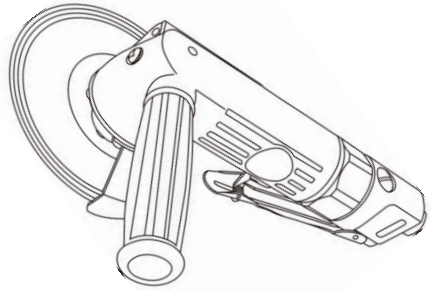


3. Screw up Stop Screw with Hex. Spanner in clockwise direction. Fix handle in clockwise rotation.



NOTE:
(1). Disconnect tool from air supplier before assembling or replacing.
(2). Before using the tool, read safety instruction and follow it for your own security.

2.2 On-off device
To operate this tool, just push the lever toward the tool itself. The tool continuously reciprocates as one push the lever down and it stops running as the lever is released.



3. Maintenance

3-1 Lubrication
Before connecting the hose , apply 4 or 5 drops of #60 spindle oil at the air inlet. Use of a thicker oil can lead to reduced performance or malfunction. If a thicker oil is used by accident, wipe it away immediately. Also, every 3 or 4 hours of operation, oiling is necessary.
3-2 Storage
Avoid storing the tool in a location subject to high humidity. If the tool is left as it is used , the residual moisture inside the tool can cause rust. Before storing and after operation, oil the tool at the air inlet with spindle oil and run it for a short time.
3-3 Disposal
If the tool is too seriously damaged to be used anymore, drop it in a resource recycling can. Never drop it into fire.
3-4 Ordering service Parts
For further operational and handling information or for replacement of parts and components, contact the sale agent from whom you purchased the tool or the service division of our company.

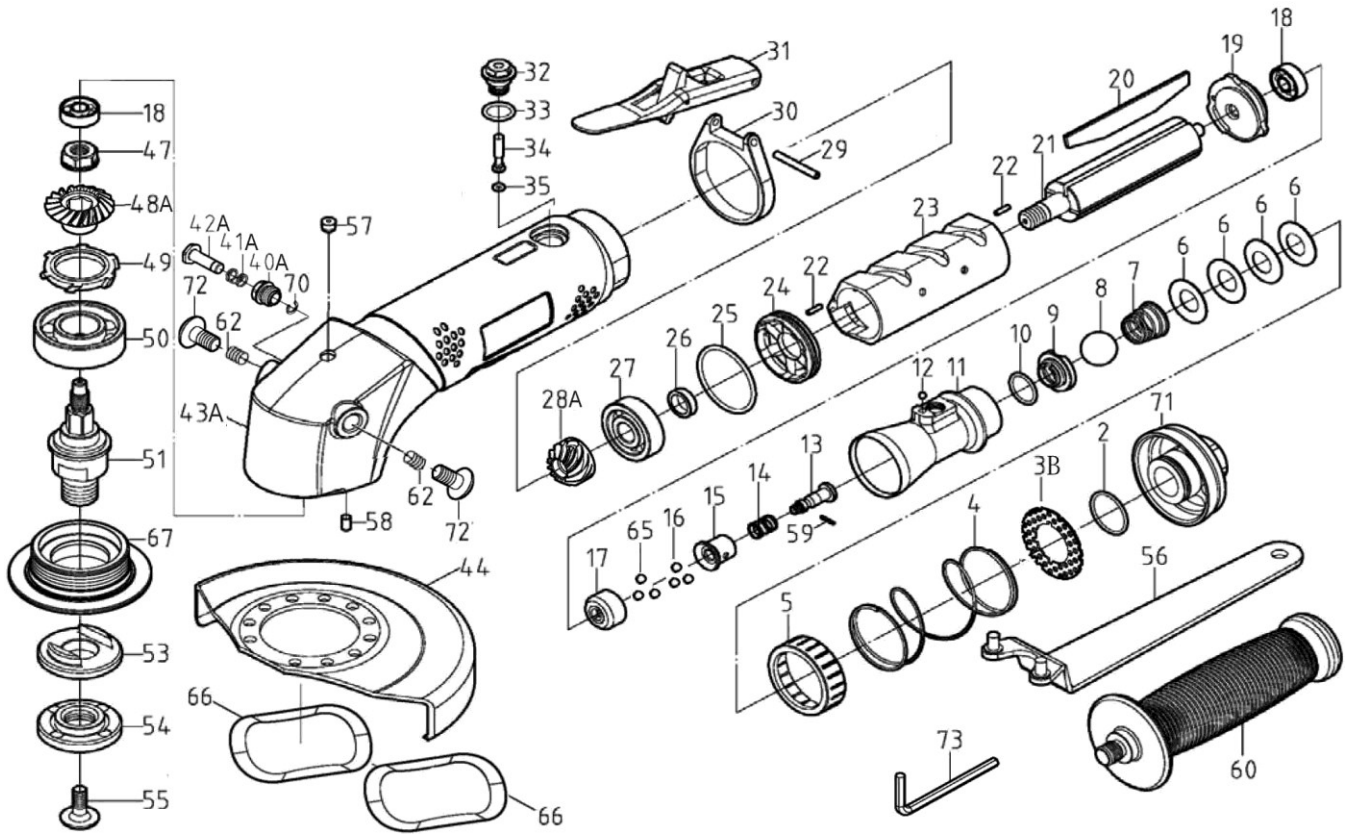
∗In ordering parts and components, give each part number, name and quantity.

Warning

1. This tool is not insulted for coming into contact with electric power source.
2. It is forbidden to use this tool in explosive atmospheres and do not put any combustible material near the workpiece since it will emit sparks, dust, and/or fumes when working in certain material.
3. Prevent long hair or loose clothing from drawing in while operate this tool.
4. Never carry the tool by hose and beware of a whipping compressed air hose.
5. The workpiece shall be fixed by proper device.
6. Keep your body balance and beware of the fall of the severed workpiece.
7. Excessive air pressure not only reduce the service life of this tool but also increase the dander. It is better to use of a pressure regulator to control the air pressure being supplied to the tool.
8. It remains rotating for few second after releasing the lever.

IRONSIDE®

ART 102693



PARTS LIST

No.	Parts No.	Description	Q'ty
2	***102752***	***O-Ring***	***1***
3B	GD505L-03B	Filter	1
4	GD505L-04	Spring	1
5	GD505L-05	Bushing	1
6	GD505L-06	Washer	4
7	GD505L-07	Cone Spring	1
8	GD505L-08	Steel Ball	1
9	GD505L-09	Washer	1
10	GD505L-10	O-Ring	1
11	GD505L-11	Reverse Valve	1
12	GD505L-12	Steel Ball	1
13	GD505L-13	Screw	1
14	GD505L-14	Spring	1
15	GD505L-15	Bushing	1
16	GD505L-16	Steel Ball	3
17	GD505L-17	Regulator Valve	1
18	***102752***	***Ball Bearing***	***2***
19	GD505L-19	Rear Plate	1
20	***102752***	***Blade***	***4***
21	GD505L-21	Rotor	1
22	GD505L-22	Spring Pin	2
23	GD505L-23	Cylinder	1
24	GD505L-24	Front Plate	1
25	***102752***	***O-Ring***	***1***
26	GD505L-26	Washer	1
27	***102752***	***Ball Bearing***	***1***
28A	***102752***	***Driving Gear Spindle***	***1***
29	GD505L-29	Spring Pin	1
30	GD505L-30	Bolt Holder	1
31	GD505L-31	Trigger	1
32	GD505L-32	Screw	1
33	***102752***	***O-Ring***	***1***
34	GD505L-34	Pin Valve Rod	1

No.	Parts No.	Description	Q'ty
35	***102752***	***O-Ring***	***1***
40A	GD505L-40A	Screw	1
41A	GD505L-41A	Spring	1
42A	***102752***	***Lock Pin***	***1***
43A	GD505L-43A	Housing	1
44	GD505L-44	5" Wheel Guard	1
47	GD505L-47	Lock Nut	1
48A	***102752***	***Bevel Gear***	***1***
49	GD505L-49	Washer	1
50	***102752***	***Ball Bearing***	***1***
51	GD505L-51A	Anvil (5/8"-11) [ST-GD505L6-L]	1
	GD505L-51B	Anvil (M14) [ST-GD505L3-L]	1
53	GD505L-53A	Bushing (5/8"-11) [ST-GD505L6-L]	1
	GD505L-53B	Bushing (M14) [ST-GD505L3-L]	1
54	GD505L-54A	Lock Nut (5/8"-11) [ST-GD505L6-L]	1
	GD505L-54B	Lock Nut (M14) [ST-GD505L3-L]	1
55	GD505L-55	Screw	1
56	GD505L-56	Wrench	1
57	GD505L-57	Oil Drop	1
58	GD505L-58	Pin	1
59	GD505L-59	Pin	1
60	GD505L-60	Handle	1
62	GD505L-62	Heli Sert	2
65	GD505L-65	Plastic Ball	3
66	GD505L-66	Wave Washer	2
67	GD505L-67	Cylinder Set Screw	1
70	GD505L-70	Retaining Ring	1
71	GD505L-71A	Air Inlet (PT19)	1
	GD505L-71B	Air Inlet (NPT18)	1
	GD505L-71C	Air Inlet (PS19)	1
72	GD505L-72	Screw	2
73	GD505L-73	Allen Wrench	1