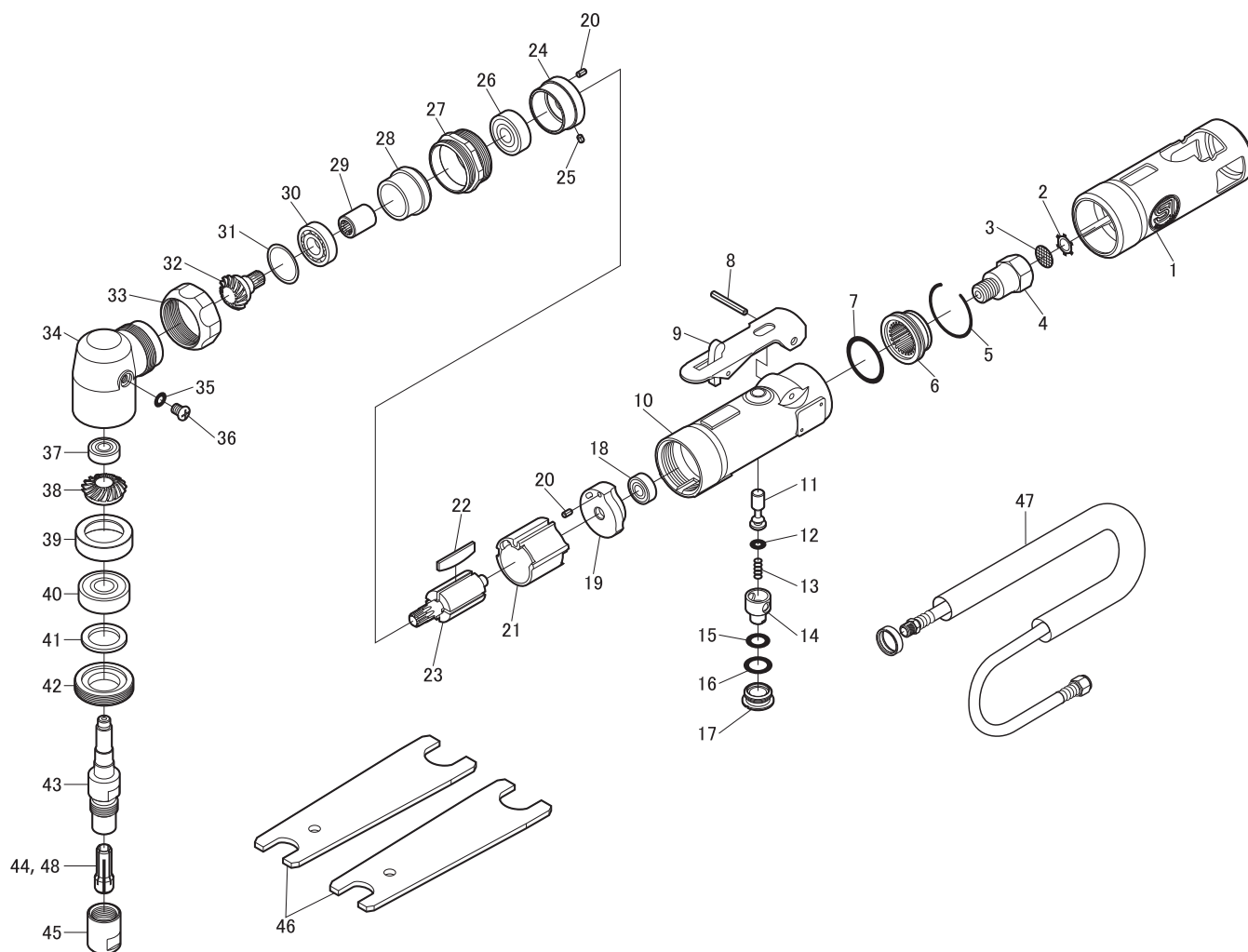


Industrial Mini Angle Die Grinder

Model# SI-AG20E-6L



ITEM	PARTS NO.	DESCRIPTION	QTY
1	114SE-6	Housing Cover	1
2	CRTW-12	Retainer	1
3	680-28A	Screen	1
4	610-2	Inlet Bushing	1
5	610-30	Retaining Ring	1
6	610-29	Deflector	1
7	S-22.4	O-Ring	1
8	30-24	Roll Pin(30-24mm)	1
9	350-2L	Throttle Lever	1
10	612-1	Motor Housing incl. Bush (330-4)	1
11	330-5	Valve Stem	1
12	P-4	O-Ring	1
13	350-7	Valve Spring	1
14	330-8	Air Regulator	1
15	P-8	O-Ring	1
16	P-10	O-Ring	1
17	330-10	Valve Screw	1
18	696ZZ	Ball Bearing	1
19	610S-2	Rear Plate	1
20	25-5	Roll Pin(2.5Ø-5mm)	2
21	330-30B	Cylinder	1
22	330-16	Rotor Blade	4
23	114DA-1	Rotor	1
24	114DA-11	Front Plate	1

ITEM	PARTS NO.	DESCRIPTION	QTY
25	25-3.5	Roll Pin(2.5Ø-3.5mm)	1
26	608ZZ	Ball Bearing	1
27	115MSN-2	Motor Clamp Nut	1
28	114DA-10	Collar	1
29	114DA-7	Coupling	1
30	EE3	Ball Bearing	1
31A	330-20	0.03 mm Shim (standard)	-
31B	330-29	0.05 mm Shim (over-size)	-
32	114H-3	Pinion Gear	1
33	114-4B	Angle Head Coupling Nut	1
34	114SE-5B	Angle Head	1
35	S-5	O-Ring	1
36	A-M50---60	Screw	1
37	R4ZZ	Ball Bearing	1
38	114H-4	Bevel Gear	1
39	114DA-9	Spacer	1
40	6000ZZ	Ball Bearing	1
41	243-4	Felt Ring	1
42	114SE-4	Spindle Nut	1
43	114SE-1	Spindle	1
44	114SE-3	6mm Collet	1
45	114SE-2	Collet Nut	1
46	350-28	Spanner Wrench (14x19mm)	2
47	106-9MAS	Wipe Hose M Assy	1



SHINANO

Quality Japanese Air Tools

Dear Customer

Congratulations on purchasing this Shinano Industrial Tools.

This is a genuine Shinano air tool and is covered by a 12 month factory warranty. This warranty covers the tool against problems caused directly by manufacturing defect and faulty materials. If the tool is found to be defective upon initial operation, it may be considered as a replacement warranty; otherwise, the warranty is for repair only.

The warranty excludes normal wear and tear, misuse, abuse, problems caused by the attempted repair by the owner or by unauthorized personnel, use of non genuine parts in a repair and damage caused by impact. Warranty will be deemed to be voided if the tool is affected by contaminants entering the tool either via the air supply or from a dirty working environment.

Normal wear and tear parts include bearings, vanes, and collets. Consumable items that are distributed with some tools such as abrasives, backing pads, chisels, blades and needles are not covered by any warranty.

Additionally, we recommend the following procedures to keep your tool in top condition.

1. Oil daily with a quality air tool oil.
2. If the tool has a grease nipple, regularly grease it with a Teflon based grease.
3. Do not leave the tool lying on the ground or in a dirty environment, as dirt and abrasive compounds can easily enter the air inlet and enter the motor of the tool upon its next use.
4. The use of an inline air filtration system is strongly recommended. A water separator is mandatory as water in the air line can very quickly lead to damage and seizure of the tools moving parts.

SAFETY INSTRUCTIONS for Model# SI-AG20E-6L - Industrial Mini Angle Die Grinder

- | | |
|----|--|
| 1 | Read all the instructions before using the tool. All operators must be fully trained in its use and aware of these safety rules. |
| 2 | Do not exceed the recommended air pressure. |
| 3 | Use personal safety equipment. |
| 4 | Use clean compressed air at the recommended pressure. |
| 5 | If the tool appears to malfunction, stop operating immediately and arrange for service and repair. |
| 6 | If the tool is used with a balancer or other support device, ensure that it is fixed securely. |
| 7 | Always keep hands away from the working attachment fitted to the tool. |
| 8 | The tool is not electrically insulated. Never use the tool if there is any chance of it coming into contact with live electricity. |
| 9 | When using the tool adopt a firm footing and /or position and grip the tool firmly to be able to counteract any forces or reaction forces that may be generated whilst using the tool. |
| 10 | Use only genuine Shinano spare parts. Do not improvise or make temporary repairs. |
| 11 | Do not lock, tape, wire etc. the on/off valve in the run position. The trigger/lever etc. must always be free to return to the off position when it is released. |
| 12 | Always shut off the air supply to the tool, and depress the trigger/lever etc. to exhaust air from the feed hose before fitting, adjusting or removing the working attachment. |
| 13 | Check hose and fitting regularly for wear. Replace if necessary. Do not carry the tool by its hose and ensure the hand is remote from the on/off control when carrying the tool with the air supply connected. |
| 14 | Take care against entanglement of moving parts of the tool with clothing, ties, hair, cleaning rags etc. This will cause the body to be drawn towards the tool and can be very dangerous. |
| 15 | It is expected that users will adopt safe working practices and observe all relevant legal requirement when installing, using or maintaining the tool. |
| 16 | Do not install the tool unless an easily accessible and easily operable on/off valve is incorporated in the air supply. |
| 17 | Take care that the tool exhaust air does not cause a problem or blows on another person. |
| 18 | Never lay a tool down unless the working attachment has stopped moving. |
| 19 | Always ensure that the Reverse lever/valve is in the correct position before starting the tool. |
| 20 | Do not use bits with excessive wear to input and output drives. Periodically check the hex drive on the tool. Make sure the bit is firmly fixed to the tool. |
| 21 | When loosening fasteners first ensure that there is sufficient clearance behind the tool to avoid hand entrapment. |
-