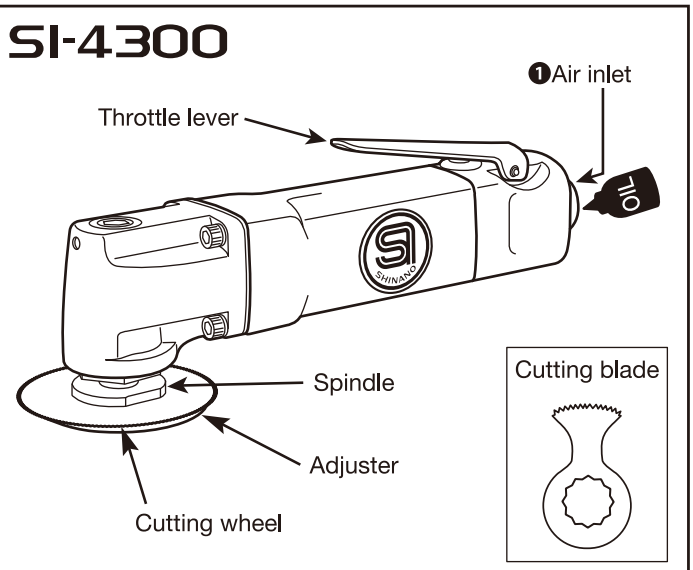
SI-4300

PNEUMATIC TOOLS SHINANO INC.

INSTRUCTION MANUAL FOR OSCILLATION CUTTER

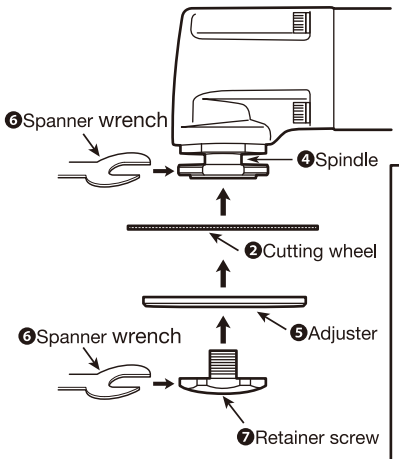
Operation Procedures

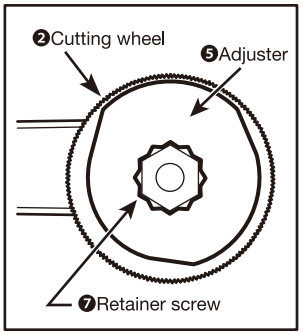
1. Connect the coupler to the air inlet ❶ on the rear side of the tool.
2. Pour approx. 0.5cc (2 to 3 drops) of the oil through the coupler. Connect it to the air hose, and run for 3 to 5 seconds to circulate the oil.
3. Before an air hose is connected, install the cutting wheel ❷ or the cutting blade ❸.
   (1)Remove the retainer screw.
   (2)Adjust the 12-angle hole of blade to the hexagon of the spindle ❹, and politely install it according to an operating angle.
   (3)Next, install the adjuster ❺. (Only when install cutting wheel.)
   (4)Fix the spindle with the spanner wrench ❻, and firmly tighten the retainer screw ❼ with the spanner wrench ❻ so as not to loosen.
4. Press the throttle lever to start operation, and release to stop it.



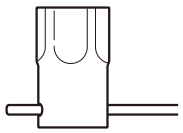
Accessories : •Cutting blade (1) •Spanner wrench (2) •Cutting wheel (1) •Safety instructions (1) •Adjuster (1)

In the Case of Cutting Wheel

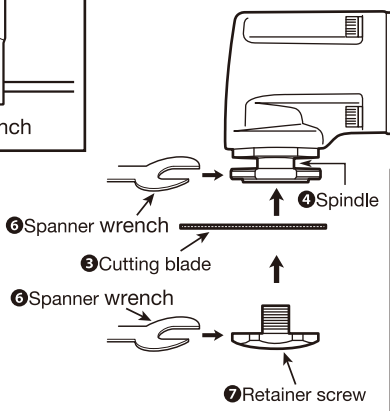


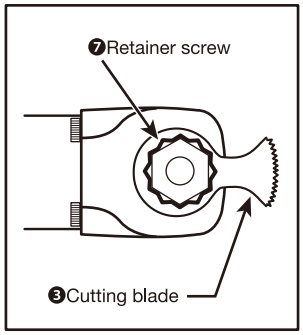


Option



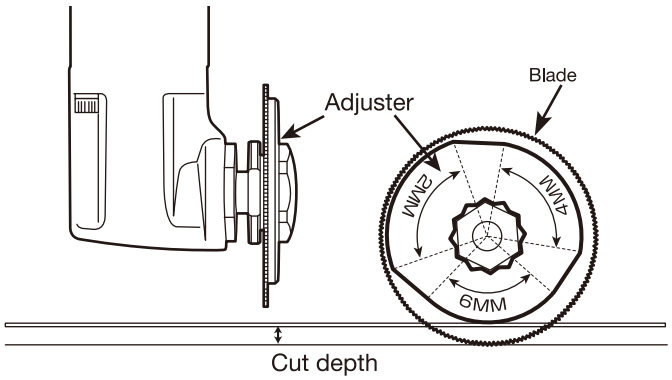
In the Case of Cutting Blade





⚠ Caution When the cutting wheel is used, it could be damaged or broken. Be sure to install the adjuster.

Adjustment of Cutting Blade Cut Depth



❶ Adjust the cut depth according to a cut size. (2MM, 4MM, 6MM Cut)

Cut depth can be adjusted with the adjuster.

❷ How to Cut

- Retain the tool positioning at the about 45 degrees gradient to the cut face.
- First, start the tool operation. Then, slowly give pressure without moving the blade so that a cut groove can engraved on the cut object.
- If a cut groove appears, slowly draw and cut it off.

❸ If the blade is worn, change the blade fixed position.

- An angle to install cutting wheel can be changed every 30 degree, and used to all over the periphery.

SI-4300

Model Number	Disc Size mm	Oscillating Angle	Free Speed opm★	Weight kg/(lb)	Noise Level dBA/(power)	Vibration a/k m/s^2	Avg.Air Consumption CFM
SI-4300	ϕ63	2.8°	20,000	0.89	88/(99)	4.8 / 0.9	3.2

★o.p.m. (Oscillation Per Minutes). Noise levels according to ISO 15744 Vibration level according to ISO 28927

⚠ WARNING

- For replacement of the blade, be sure to remove the air hose.
- For operations, be sure to put on safety goggles.
- During operations, absolutely don't touch the blade.

⚠ CAUTION

- Operate the tool within the air pressure of 0.63MPa (6.5kg/cm^2). If operated in high pressure, the maximum allowance speed will be exceeded, which may result in damage of components.
- Neither drop nor hit the tool.
- Don't install the product other than our recommendable blade.
- Don't use the tool for curve cut. A forced load could give damage to the tool.
- Install the blade so as not to loosen.

AIR SUPPLY

Pressure at the working	**0.63MPa (90PSI 6.3bar)**
Max Hose Length	**10m (30ft)**
Lubrication	**Daily Lubricating oil**

