

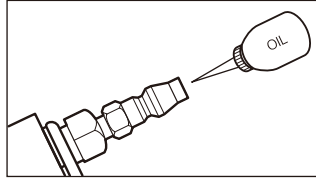
# SI-4700B / SI-4710 / SI-4710F

## INSTRUCTION MANUAL FOR AIR SAWS

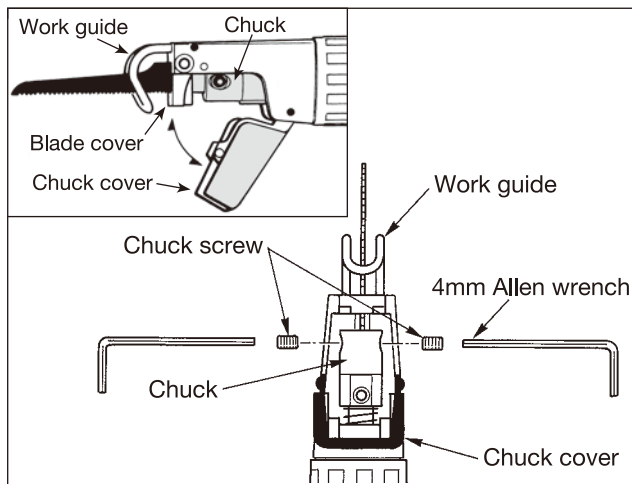
### Operation Procedures

1. Connect the coupler to the air inlet ①.

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. Prior to connect the air hose thereto, be sure to mount a blade or a file (SI-4710). Loosen the chuck screw with Allen wrench. For the saw blade, insert it in the longitudinal cuts, and for the file (SI-4710), do it pursuant to the hole in the depth.



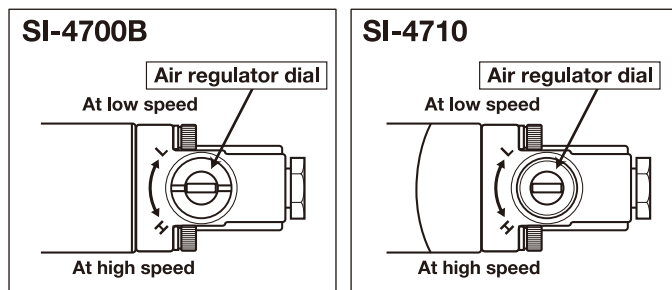
#### Open the chuck cover ②.

Fit the chuck hole to the blade hole, and penetrate and the tighten it with blade screw.

#### File for 4710F

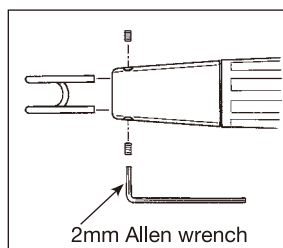
Pinch the file blade shaft with 2 pieces of set screw at the chuck holes on both sides.

4. Speed can be adjusted by the air regulator ③.

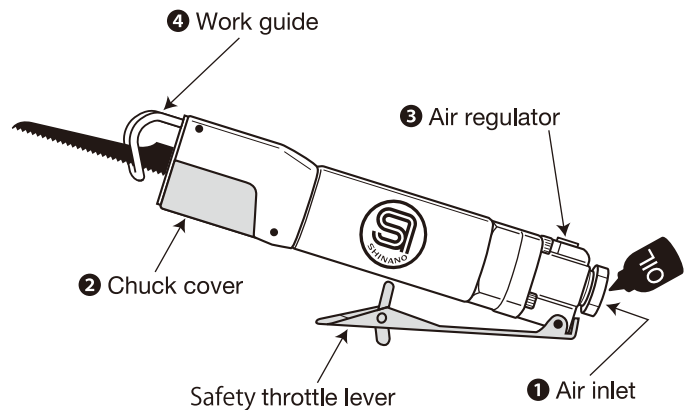


Insert a minus-driver in the groove, and adjust it in the 90 degree range.

5. The work guide ② length can be adjusted. For adjustment of length, loosen the set screw with the 2mm Allen wrench. In addition, when a file is attached thereto, it is convenient to remove the work guide.



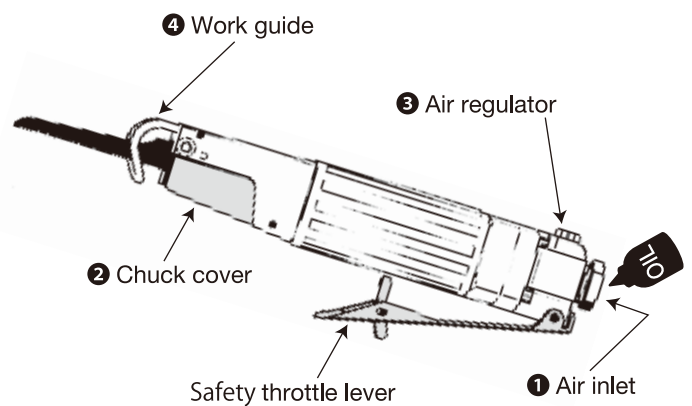
### SI-4700B



Max. s.p.m : 10,000 rpm

Accessories : Saw blade 32T (1)  
4mm Allen wrench (1)  
2mm Allen wrench (1)  
Safety instructions (1)

### SI-4710, SI-4710F



Max. s.p.m : 10,000 rpm

SI-4710 Accessories : Saw blade 32T (1)  
4mm Allen wrench (1)  
2mm Allen wrench (1)  
Safety instructions (1)

SI-4710F Accessories : Saw blade 32T (1)  
4mm Allen wrench (1)  
2mm Allen wrench (1)  
Round file (1), Flat file (1), Triangle file (1)  
Safety instructions (1)

## SI-4700B / SI-4710 / SI-4710F

| Model Number                | File Shank Opening mm/(in.) | Cutting. cap mm/(in.) | Stroke lenght mm | Free Speed rpm | Weight kg/(lb) | Noise Level dBA/(power) | Vibration m/s <sup>2</sup> | Avg. Air Consumption CFM | Air Inlet Size in. | Hose Size mm/(in.) |
|-----------------------------|-----------------------------|-----------------------|------------------|----------------|----------------|-------------------------|----------------------------|--------------------------|--------------------|--------------------|
| <b>SI-4700B</b>             | —                           | 3/(1/8)               | 10mm             | 10,000         | 0.58/(1.27)    | 82/(93)                 | 22.6/2.7                   | 1.2                      | 1/4                | 10/(3/8)           |
| <b>SI-4710<br/>SI-4710F</b> | 5/(3/16)                    | 3/(1/8)               | 10mm             | 10,000         | 0.80/(1.76)    | 85/(97)                 | 21.0/1.5                   | 1.0                      | 1/4                | 10/(3/8)           |

Noise levels according to ISO 15744:2008, ISO 11203:2009

Vibration level according to ISO 28927:8

## WARNING

- Be sure to remove the air hose for replacement of the saw blade and file.
- Be sure to firmly and securely install the saw blade and file.
- Never use for the machine the other saw blade and file than the products presented or recommended by us.
- Be sure to remove the Allen wrench used for replacement of the saw blade and file.
- Vibration will occur to some extent. Avoid continuous operation if possible, and take a break of approx. 10 minutes per an hour.

## CAUTION

- The air tool is a precious tool. Neither throw nor drop the tool, nor give a strong shock thereto. Such actions will result in failure.
- Avoid the long time idling run or unnecessary idling operation, which will encourage to wear. This may result in trouble.
- Operate the tool within the air pressure of 0.63MPa (6.5kg/cm<sup>2</sup>). If operated in high pressure, the maximum allowance speed will be exceeded, which may result in damage of components.
- Avoid using it for the other purpose than the usage, and avoid the forcible operation beyond the capability.
- After using the tool, be sure to prevent dusts from entering at the air inlet.

## AIR SUPPLY

|                         |                                   |
|-------------------------|-----------------------------------|
| Pressure at the working | <b>0.63MPa<br/>(90PSI 6.3bar)</b> |
| Max Hose Length         | <b>10m<br/>(30ft)</b>             |
| Lubrication             | <b>Daily<br/>Lubricating oil</b>  |

