SI-2501L / SI-2500L / SI-2505L / SI-2600L
SI-2501 / SI-2500

PNEUMATIC TOOLS SHINANO INC.

INSTRUCTION MANUAL FOR DISC GRINDERS

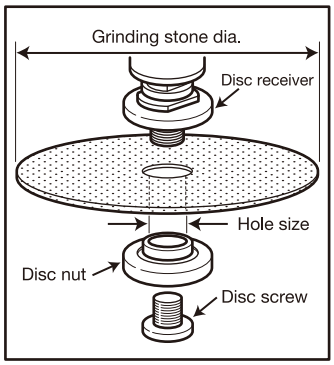
Operation Procedures

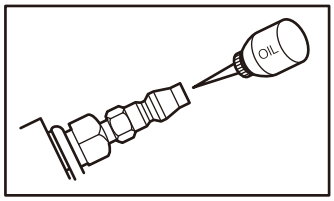
1.Connect the attached coupler to the air inlet ❶ on the rear side of tool.

2.Make sure the disc cover ❷ is firmly mounted in place. Make sure the diameters of the grinding stone and the hole are suit each tool.

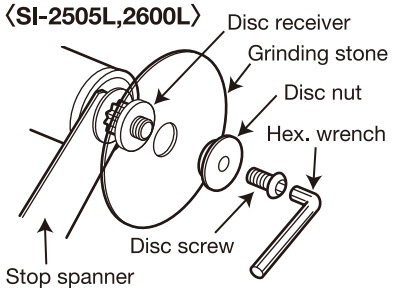
3.Pour approx. 0.5cc (2 to 3 drops) of the oil through the coupler. Connect it to the air hose, and run for 3 to 5 seconds to circulate the oil.

4.The grinding stone so as to prevent the spindle axis from revolving. Fasten the disc nut through the grinding stone. Tighten the grinding stone by turning counterclockwise the nut with Hex. wrench or pin spanner.

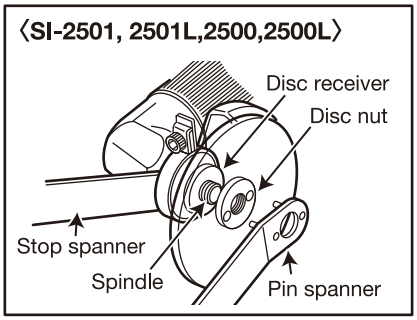




〈SI-2505L,2600L〉

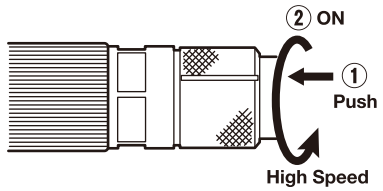


〈SI-2501, 2501L,2500,2500L〉

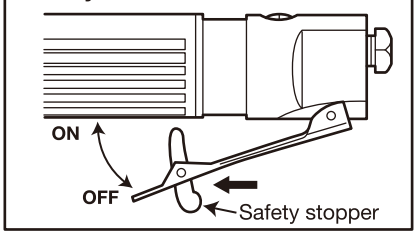


5.Switch consists of three types of ❸ "Rotary twist switch"(SI-2501, 2500) and ❹ "Safety lever"(SI-2501L 2500L, 2505L), ❺ "Safety button" (SI-2600L).

〈Rotary twist switch〉

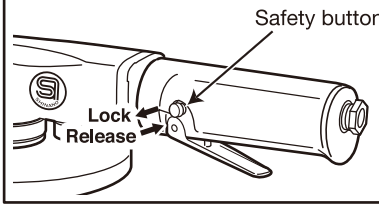


〈Sefety lever〉



The safety lever will be locked automatically. Press the safety stopper to release the lock.

〈Sefety button〉



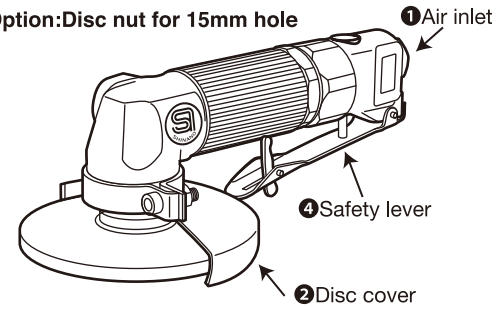
Noise Level and Vibrations

Model Namber	Noise Level dBA/(power) (ISO 3744)	Vibration m/s² (ISO 8662)
SI-2501L / 2501	83 (96) ／ 84 (96)	5.7
SI-2500L / 2500	83 (96) ／ 82 (94)	2.9
SI-2505L	86／(98)	2.8
SI-2600L	98／(110)	＜2.5

SI-2501L (SI-2501)

Max. rpm:13,000rpm
Grinding stone size : 100φmm x hole 16φmm

Option:Disc nut for 15mm hole

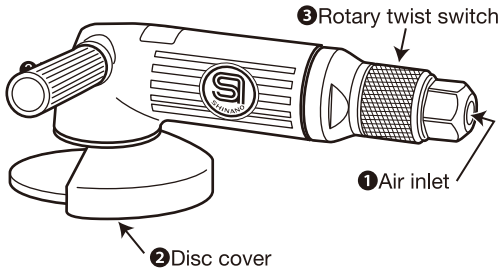


Accessories : Spanner (2), Safety instructions (1)

SI-2500 (SI-2500L)

Max. rpm:12,700rpm
Grinding stone size : 100φmm x hole 16φmm

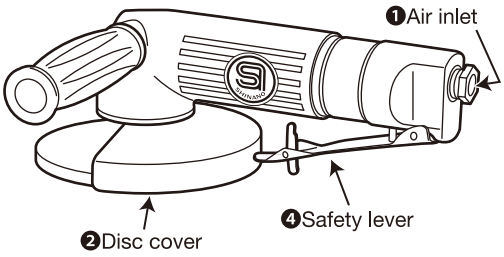
Option:Disc nut for 15mm hole



Accessories : Spanner (2), Safety instructions (1)

SI-2505L

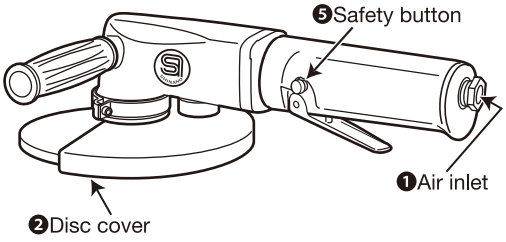
Max. rpm:12,000rpm
Grinding stone size : 125φmm x hole 22φmm



Accessories : Spanner (1), Hex. wrench (1) Safety instructions (1)

SI-2600L

Max. rpm:7,500rpm
Grinding stone size : 180φmm x hole 22φmm



Accessories : Spanner (1), Hex. wrench (1) Safety instructions (1)

⚠ WARNING

- Never use the edge of grinding stone.
- Never use without the disc cover.
- Never install the grinding stone where failure such as breakage, abnormal abrasion, crack, and chip has been found.
- Confirm operations within the maximum circumferential speed and rpm, as indicated on the grinding stone.
- Before use, make sure the grinding stone is firmly installed to the tool in place and no misalignment.

⚠ CAUTION

- Careless drop of the tool will result in damage of the tool or components. Therefore, be sure to politely handle the tool.
- 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.
- Before or after daily use, lubricate a few drops of air tool oil from the hose attached port.
- The compressed air containing dust or/and moisture will result in damage of tool. Be sure to operate the tool with air through the drainage and air filter.
- If revolution failure or/and irregular noise occurred, do not continue operation furthermore. Forced operation of tool may result in serious troubles.
- Regarding to this product, if inconvenient claims or troubles occurred, contact the product distributor.