SI-2009EX / SI-2009EX-H

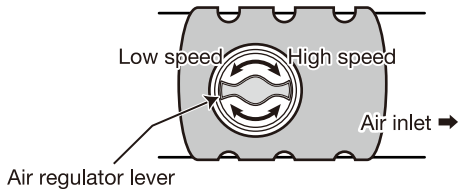
PNEUMATIC TOOLS SHINANO INC.

INSTRUCTION MANUAL FOR ANGLE POLISHERS

Operation Procedures

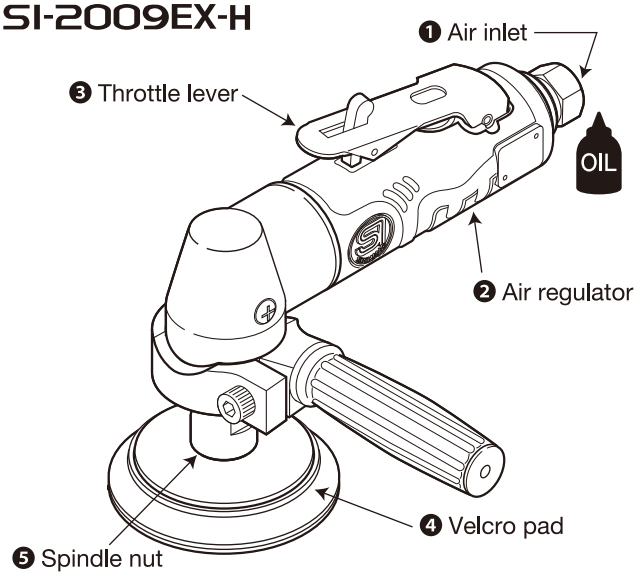
1. Connect the coupler to the air inlet ❶ on the rear side of the tool.
2. Make sure the pad should be securely mounted, and attach the sponge buff and wool buff thereto.
3. Check the air pressure at the working:0.63Mpa. (90PSI 6.3bar)
4. Pour approx. 0.5cc (2 to 3 drops) of the oil through the coupler. Connect it to the air hose, and run for 3 to 5 seconds to circulate the oil.
5. Adjust revolutions per minute with the air regulator lever ❷.

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6. Press the throttle lever ❸ for operation, and release it for stop. In addition, do fine adjustment by pull variation of the throttle lever.
7. For the polishing work, attach a sponge buff or a wool buff to the pad ❹.

SI-2009EX
SI-2009EX-H



Accessories : 3" (75ϕ) Velcro pad (1), ϕ80mm Sponge buff (1), ϕ80mm Wool buff (1), Spanner wrench (1), Safety instructions (1)

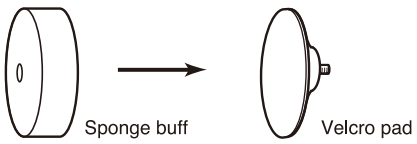
Replacement of Pad

■ The spindle nut ❺ should be nipped and fixed with the spanner wrench.

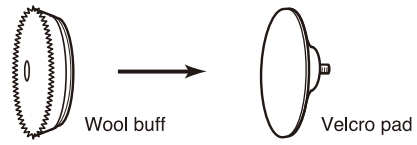
Pad mounted : clokwise

Pad dismounted :counter clockwise

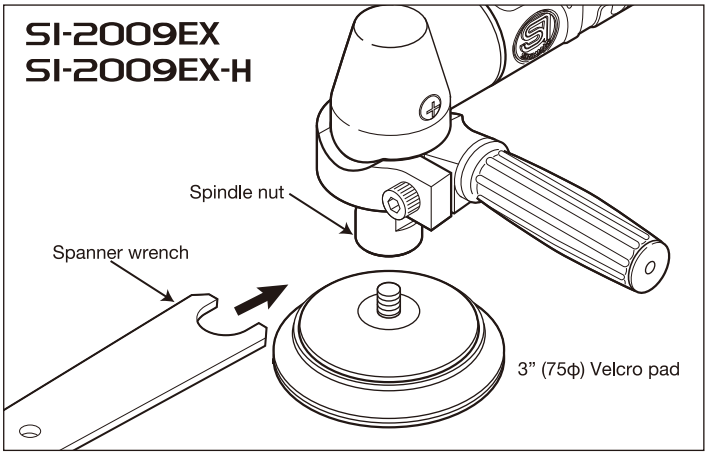
For Finishing



For Polishing



SI-2009EX
SI-2009EX-H



SI-2009EX / SI-2009EX-H

Model Number	Buff Pad Size mm/(in.)	Spindle Size Female	Free Speed rpm	Out Put Watt	Weight kg/(lb)	Noise Level dBA/(power)	Vibration a/k m/s²	Avg.Air Consumption CFM/(L/S)
SI-2009EX	75/(3″)	5/16-24 UNF	2,600	180	0.68/(1.49)	77/(88)	1.1/0.6	2.5/(1.2)
SI-2009EX-H	75/(3″)	5/16-24 UNF	5,000	190	0.68/(1.05)	77/(88)	2.3/0.7	2.1/(1.0)

Noise levels according to ISO 15744:2008,ISO 11203:2009 Vibration level according to ISO 28927:3

⚠ WARNING

- Be sure to remove the air hose for replacement of buff.
- Be sure firmly and securely to mount the pad.
- Never use the grindstone for this tool.
- For mounting the pad, be sure to remove the used service wrench.
- Vibration will occur to some extent. Avoid continuous operation if possible, and take a rest of 10 minutes per an hour.

⚠ CAUTION

- If the operation proceeds using a tip or a part of the pad, the pad will be broken or tool balance be loosened, when precious polishing can not be secured. Be careful to handle the pad.
- The air tool is a precious tool. Neither throw nor drop the tool, nor give a strong shock thereto. Such incidents will result in failure.
- 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.
- Avoid using it for the other purpose than the usage, and do the forcible operation beyond the abilities.
- Avoid long time idling run or unnecessary idling operation, which will encourage to wear, and result in trouble.
- After operations, be sure to prevent dusts from entering at the air inlet.

AIR SUPPLY

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

