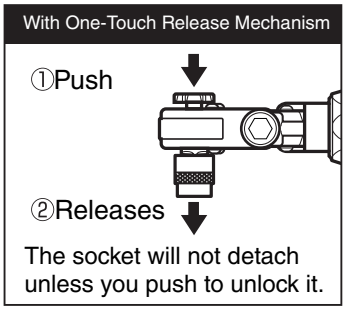
SI-1241A

PNEUMATIC TOOLS SHINANO INC.

INSTRUCTION MANUAL FOR RATCHET WRENCH

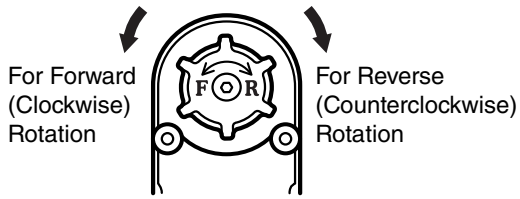
Operating Procedures

1. Install the coupler into the air inlet.
2. Firmly insert the socket onto the ratchet anvil until it is fully seated.



3. Before connecting the air hose, verify whether the reverse lever is set to forward or reverse rotation by manually turning it with the socket attached.

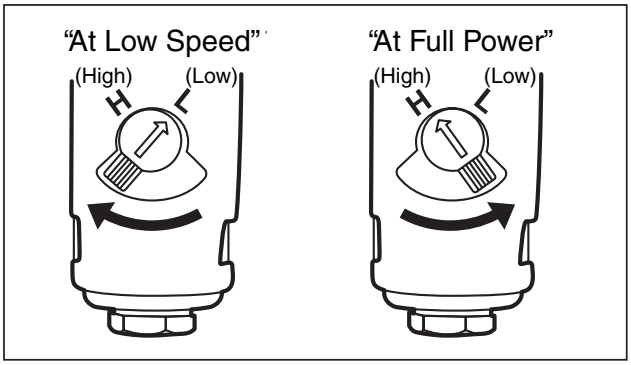
When using forward (clockwise) rotation, turn the Ⓕ mark in the direction of the arrow. When you want to use reverse (counterclockwise) rotation, turn the Ⓡ mark in the direction of the arrow.



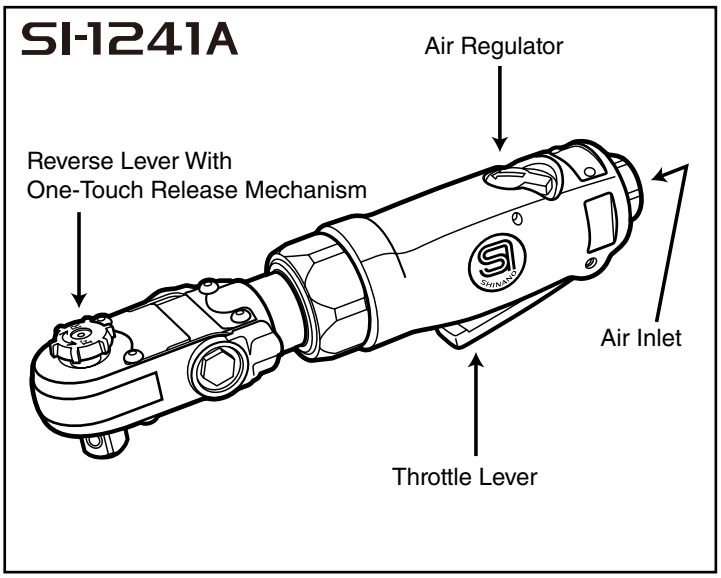
Ⓕ mark indicates forward (clockwise) rotation.

Ⓡ mark indicates reverse (counterclockwise) rotation.

4. Inject about 0.5 cc (2 to 3 drops) of pneumatic tool oil (ISO VG32 turbine oil) the attached coupler, and run the tool at free speed for 3 to 5 seconds to distribute the oil evenly.
5. Before starting the actual work, adjust the torque using the air regulator.



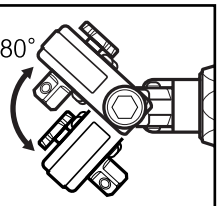
6. Pull the throttle lever to operate, and release it to stop.



7. Since this tool features a built-in ratchet mechanism, perform the final tightening and initial loosening manually, just like using a hand tool.
8. To ensure a long service life for the tool, inject oil following the procedure in step (4) after completing your work, and then store it.

About the Pivot-Head Mechanism

The ratchet head can be adjusted vertically across 9 positions. Please adjust the head angle according to your work application.



⚠ Operating Precautions

- ■Do not use the tool for unintended purposes, and avoid forced operations that exceed its capacity.
- ■Never use damaged sockets or sockets of the wrong size.
- ■Avoid unnecessary free-running (idle operation), as it accelerates wear and may cause malfunctions.
- ■Air tools are precision instruments. Do not throw, drop, or subject the tool to strong impacts, as this can cause malfunctions.
- ■After use, ensure that dust and debris do not enter through the air inlet. This can cause a drop in power.
- ■Operate the tool within the air pressure range of 0.49 to 0.68 MPa (5 to 7 kg/cm²). Using it at a higher pressure will shorten its lifespan or cause malfunctions. Please note that using it below this range will result in insufficient power.

Specification

Model Number	Shank Size mm/(in.)	Working Torque Range Nm/(ft-lb)	Bolt Cap mm/(in.)	Free Speed r.p.m	Weight kg/(lb)	Noise Level dBA/(power)	Vibration a/k m/s^2	Avg.Air Consumption CFM	Air Inlet Size in.	Hose Size mm/(in.)
SI-1241A	3/8/(9.5)	0-25/(0-18.4)	10/(3/8)	250	0.63/(1.38)	83/(94)	11.3/(1.6)	1.9/(0.9)	1/4	10/(3/8)

Noise levels according to ISO 15744:2008,ISO 11203:2009 Vibration level according to ISO 28927:2

⚠ WARNING

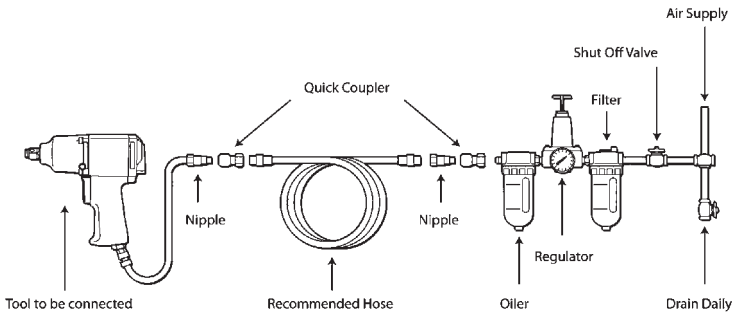
- Avoid using the tool for the other purpose than the usage, and do the impossible operation beyond the ability.
- Be sure to employ the impact socket. Furthermore, neither use the damaged socket nor the different size socket.
- For replacement of impact socket, be sure to dismount the air hose.

⚠ CAUTION

- Avoid unnecessary idling run, which will encourage to wear and result in trouble.
- The air tool is a precious tool. Be careful not to throw or drop the tool, or give a strong shock thereto.
- After operations, be sure to prevent dusts from entering at the air inlet. This may result in power down.
- 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.

AIR SUPPLY

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



PNEUMATIC TOOLS
SHINANO INC.
MADE IN JAPAN
https://shinanoinc.com