

Intermediate maintenance

●Preparation

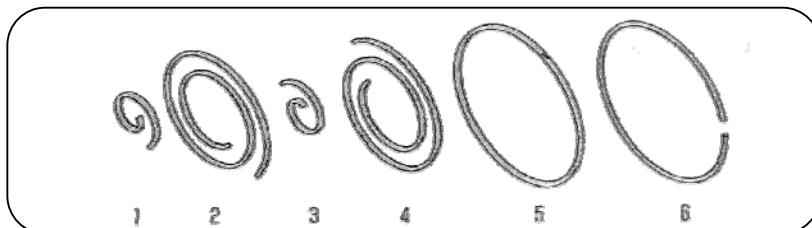
1 Replacement parts

You need the following parts to conduct intermediate maintenance.

- Tip seal set (consists of tip seals, dust seal and backup tube).

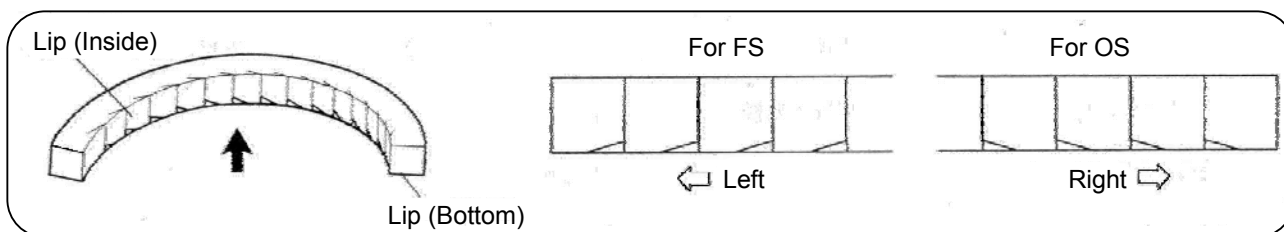
Check the label to ensure the tip seal set suits your air end model.

Tip seal set consists of 6 types of parts. Check to ensure the set includes the six items below.

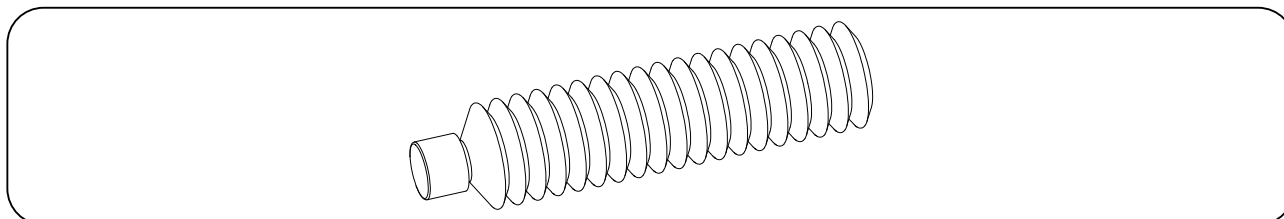


No.	Part name	Qty
1	HP tip seal for FS	1
2	LP tip seal for FS	1
3	HP tip seal for OS	1
4	LP tip seal for OS	1
5	Dust seal	1
6	Backup tube	1

To identify seals for FS and OS respectively, put them as illustrated below and verify lip direction by direction of cutting. ↑



- Grease cartridge.

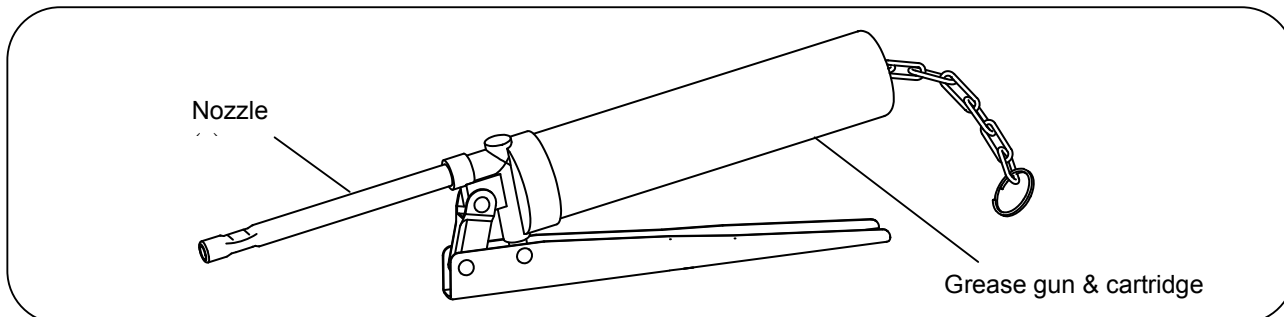


- ※ Be sure to use Atlas Copco's genuine grease.
- ※ Do not use grease that is more than one year old.

2 Preparation of fixtures and tools

Prepare the following fixtures and tools in advance.

- Grease gun, cartridge and nozzle.



- Torque wrench (for 30Nm)

3 Grease gun and nozzle

- Be sure to use the following grease gun and nozzle.
- Do not use the grease gun and nozzle for other purposes in order to avoid mixing with other grease.

No.	Name	Length	Application
97302000	Grease gun	252mm	For 80g billow cartridge only.
92583130	Nozzle (3)	120mm	Roller bearing and OS side matched ball bearings.

Grease volume = 0.60ml/stroke (0.65g/stroke)

Use the genuine grease gun and nozzle.

4 How to attach the cartridge to grease gun

Be sure to use Atlas Copco genuine cartridge grease. Mixing with other grease or misuse will greatly shorten bearing life.

- 1 Affix the suitable nozzle (3) to the grease gun (refer to page 3).
Herein after the nozzle (3) is referred to as the nozzle.
- 2 Turn the cartridge case counterclockwise and remove it from the gun body.
- 3 Remove the cap of the Atlas Copco cartridge grease (80g) and turn it clockwise into the body.



Caution

If you mount the cartridge at an angle or with excessive force, you will damage the cartridge.

Hint

When you use it for the first time, it will take some strokes to bleed air from inside the grease passage.
To apply grease for the first time, set the lever to the fully open position. Push the grease out from the screwed portion of the grease cartridge and fill the part that is shaded (as illustrated) so that air will be released easily.

- 4 Attach the cartridge case again to the gun body.
- 5 Operate the lever [Fully open]⇌[Fully close] several times with full strokes and check that grease flushes out well from the tip of the nozzle (as marked with o).

Important

Operate the lever [Fully open]⇌[Fully close].
When grease dose not flush out well, bleed air again.
An air bubble may block grease flow while the grease gun is not in use. Bleed air again when this happens.



Caution

When old grease (more than a year old) is still in the nozzle, press it out before applying new grease. To do so, operate the lever Fully Open⇌Fully Close about 10 times.

