

J. Morita TwinPower



Parts and Tooling for your J.Morita TwinPower Repair

Parts:

Turbine Cartridge

Part# 80701

Price: \$312

Retail Price: \$399



Bearing & Orings

Part# 60102

Part# 404075



Tooling:

Coupler

Part# 80700

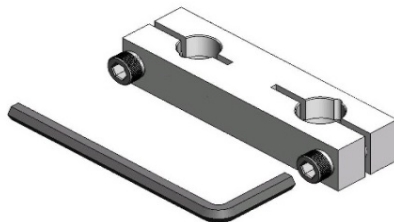
Price: \$199



Repair Block

Part# 00092A

Price: \$26



Disassembly Pin

Part# 00092

Price: \$5



TWINPOWER TURBINE 4H

PAR-4HEX series
PAR-4HX series
PAR-4HMX series

Capsule Cartridge Replacement

Replace the capsule cartridge if worn ball bearings result in poor or irregular rotation, if burrs are difficult to insert or remove, or if the chuck loses its gripping power.

The capsule cartridge and its O-ring wears out and must be replaced periodically.

The bearings and other parts wear out and make more noise after a certain period of time.

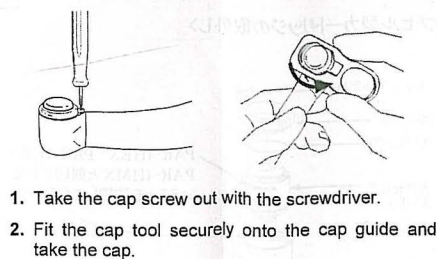
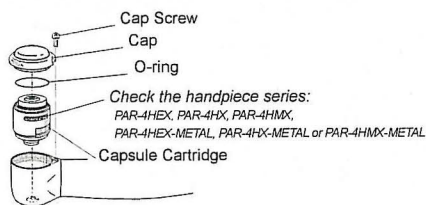
⚠ WARNING

If used in this condition a burr or point could come out inside the oral cavity and injure the patient or be swallowed.

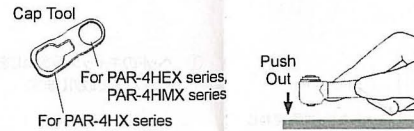
⚠ NOTE

Do not fail to use the capsule cartridge that matches the handpiece. Check the handpiece series (PAR-4HEX, PAR-4HX, PAR-4HMX, PAR-4HEX-ML, PAR-4HX-ML or PAR-4HMX-ML).

Remove old capsule cartridge Follow steps 1 ~ 5



1. Take the cap screw out with the screwdriver.
2. Fit the cap tool securely onto the cap guide and take the cap.



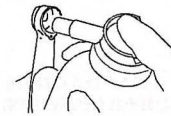
3. Push the old cartridge out by pressing the aero-skirt around the chuck opening firmly down on a hard, flat surface.



4. Screw the nozzle assembly onto the spray can with the nozzle for the handpiece connection sticking straight out. Insert the nozzle into the handpiece connection end and spray for 2 or 3 seconds.

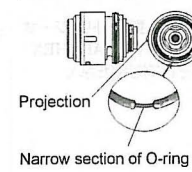
Insert new cartridge

Follow steps 1 ~ 10

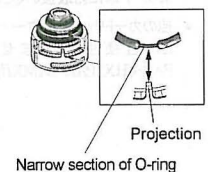


1. Spray a little AR spray inside the head.

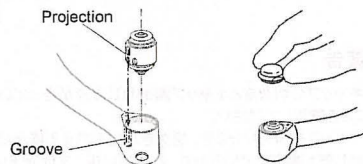
[PAR-4HEX-O]



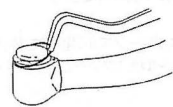
[PAR-4HX-O]



* If the O-ring has come off, line up the narrow section of the O-ring and projection as shown in the illustration and reattach it. If the narrow section of the O-ring is not properly lined up, the spray will not work properly.



2. Make sure all 3 O-rings are on the cartridge. Line up the projection on the cartridge with the groove in the head and push it all the way in.
3. Screw the cap on a little but leave a gap large enough for a new O-ring. Use tweezers to put the O-ring (provided with cartridge) between the cap and head.



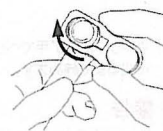
4. Replace the cap if the projection on the inside is worn away.

⚠ WARNING

The O-ring for the cap must be replaced with the new one provided. Otherwise, the cap could come off inside the patient's mouth and be swallowed or cause an injury.

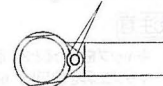


5. Screw the cap down manually until it is seated on the head. Do not use the cap tool to screw down the cap from the beginning; this could damage the threads.

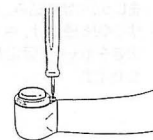


6. Fit the cap tool securely onto the cap and tighten up the cap. Line up the notch on the cap with the hole for the cap screw.

Align notch and hole



7. Do not tighten the cap too much. This could damage the threads so that the hole and notch no longer line up.



8. Tighten up the cap screw with the screwdriver.

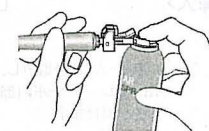
⚠ WARNING

Make sure the notch on the cap is lined up with the hole for the screw.

If the notch goes beyond the hole, the threads are worn; contact your local dealer or the J. Morita Office to have the instrument repaired.

Make sure the cap screw is tight enough. If the cap screw or cap comes out in a patient's mouth, it could be swallowed or cause an injury.

Make sure there is no gap between the cap and the head. If there is, do not use the handpiece; have it repaired.



9. Insert the nozzle into the handpiece connection end and spray for 2 or 3 seconds.



10. Connect the handpiece and operate it for at least 15 seconds to blow the excess lubricant out of the head. Then wipe the handpiece with a piece of gauze.

Always use AR spray after replacing the cartridge.

* Order capsule cartridges from your local dealer or the J. Morita Office.

* When ordering, always specify the handpiece series (PAR-4HEX, PAR-4HX, PAR-4HMX, PAR-4HEX-ML, PAR-4HX-ML or PAR-4HMX-ML).

Manufactured by **J. MORITA MFG. CORP.**

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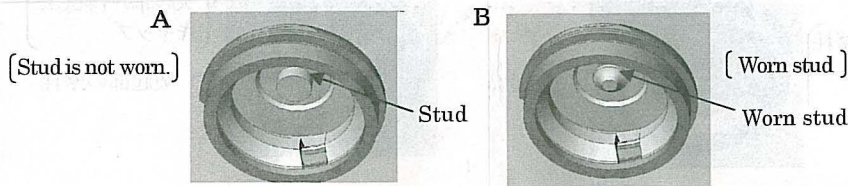
When Burrs Are Hard To Insert and Remove

Check the stud in the center inside the cap.

The stud may be worn down (see photo B below). This happens if the push button is used while the instrument is rotating, and the axel rubs against the stud.

* This will not happen if the handpiece is used normally.

Check the cap for the items listed below and replace it if necessary.



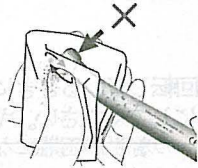
What to do if burrs are hard to insert and remove

- Replace the cap only if this is the only worn part.
- Replace only the capsule if only the rotation axel is worn down.
- Replace both the cap and the capsule if both are worn down.

* Be especially careful when performing handpiece maintenance.

Accidentally pressing the push (dimple) button will wear down both the axel and the stud inside the cap.

⚠ Note on handpiece maintenance



Never press the push (dimple) button when running the handpiece to remove excess lubricant. This will wear out both the stud inside the cap and the rotation axel and make it hard to insert and remove burrs.

* If both the stud inside the cap and the capsule cartridge wear out, it will be impossible to insert and remove burrs, and both components will have to be replaced.

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