

ENDOSCOPE CLEANING GUIDE

for EVIS EXERA II Duodenovideoscope TJF-Q180V



WARNING: This guide is a **summary** of the steps necessary to properly reprocess your TJF-Q180V. Follow the detailed steps instructed in the latest **ENDOSCOPE REPROCESSING MANUAL** for the TJF-Q180V.

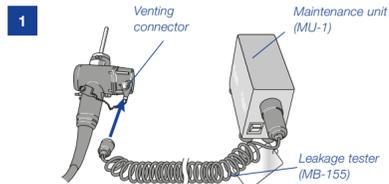
IMPORTANT

- Wear appropriate personal protective equipment.
- Meticulous cleaning is essential for effective disinfection/sterilization.
- Be sure to reprocess all removable parts (e.g. valves) as described in the reprocessing manual.

Precleaning

Before leakage testing, "reprocess" the scope as described in the reprocessing manual.

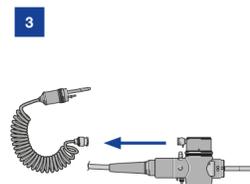
Leakage Testing



- Ensure that the Water Resistant Cap (MH-553) is attached.
 - Detach all accessories from the endoscope.
 - Turn on air source, depress the pin inside the connector cap and confirm that air is emitted and that both the connector cap and venting connector are dry.
 - Attach the leakage tester to the water resistant cap's venting connector.

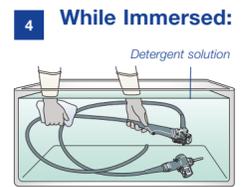


- CAUTION** If a leak is detected, the endoscope must be repaired. Follow the manufacturer's instructions.
 - Immerse entire endoscope in water.
 - Observe for approximately 30 seconds while deflecting the bending section of the endoscope by turning the UP/DOWN and RIGHT/LEFT angulation control knobs, then observe for an additional 30 seconds while raising and lowering the forceps elevator.
 - Confirm that there are no continuous air bubbles.



- Remove the endoscope from the water.
 - Turn air source off and detach the leakage tester from air source.
 - Wait 30 seconds, or until the bending section covering contracts to its pre-expansion size.
 - Detach the leakage tester.

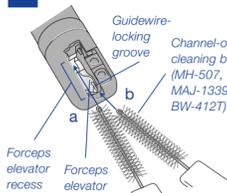
Manual Cleaning



- Immerse the endoscope in the detergent solution.
 - Clean all external surfaces, especially the air/water nozzle opening and the objective lens on the distal end. Ensure that all surfaces of the distal end are thoroughly cleaned.

Manual Cleaning

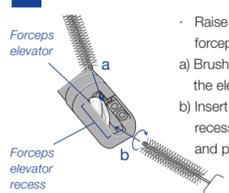
5 While Immersed:



- Lower the forceps elevator.
- Brush the forceps elevator and elevator recess.

- Insert the brush into the forceps elevator recess and pull it out. Repeat three times.
- Brush the guidewire-locking groove.

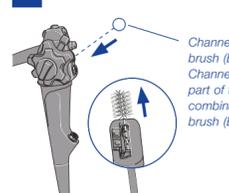
6 While Immersed:



- Raise the forceps elevator. Brush the forceps elevator and elevator recess.
- a) Brush the back of the forceps elevator and the elevator recess and pull the brush out.
- b) Insert the brush into the forceps elevator recess, rotate the brush one full revolution, and pull out.

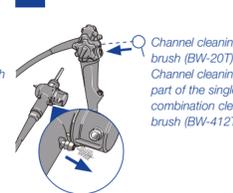
- Lower and raise the forceps elevator in the detergent solution three times.
- Clean the bristles in the detergent solution.
- Brush the distal end until no debris is observed.

7 While Immersed:



- Brush from the suction cylinder to the distal end of the insertion section.
- Repeat until no debris is observed.

8 While Immersed:



- Brush from the suction cylinder to the endoscope connector.
- Repeat until no debris is observed.

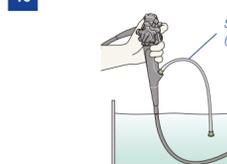
9 While Immersed:



- Insert the brush into the suction cylinder and instrument channel port, and rotate the brush one full revolution.
- Repeat until no debris is observed.

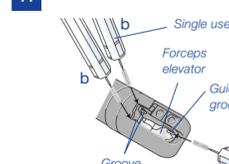
Manual Cleaning

10 While Immersed:



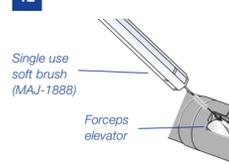
- Confirm that the forceps elevator is lowered.
- Aspirate the detergent solution for 30 seconds.
- While aspirating, raise and lower the forceps elevator three times.

11 While Immersed:



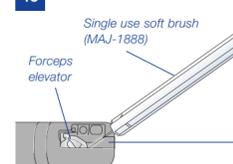
- Brush the forceps elevator and elevator recess with the single use soft brush.
- a) Brush the guidewire-locking groove with three strokes.
- b) Brush both grooves with three strokes each.
- Clean the bristles in the detergent solution.

12 While Immersed:



- Raise the forceps elevator.
- Brush the whole back side of the forceps elevator three times.
- Clean the bristles in the detergent solution.

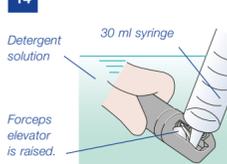
13 While Immersed:



- Insert the brush head slowly into the groove under the forceps elevator.
- Rotate the brush three revolutions.
- Pull the brush out slowly and clean the bristles in the detergent solution.
- Lower and raise the forceps elevator in the detergent solution three times.

Manual Cleaning

14 While Immersed:



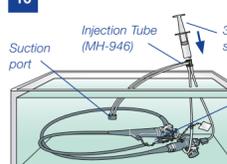
- Confirm that the forceps elevator is raised.
- Insert the tip of the 30 ml syringe into the forceps elevator recess.
- Flush the recess with 30 ml of detergent solution.

15 While Immersed:



- Lower the forceps elevator.
- Insert the tip of the 30 ml syringe into the forceps elevator recess.
- Flush the recess with 30 ml of detergent solution.
- Repeat steps 13 through 15 until no debris is observed.

16 While Immersed:



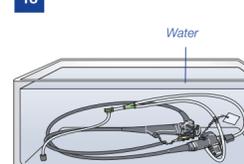
- Attach the channel plug and injection tube to the endoscope.
- Attach a 30 ml syringe to the air/water channel port of the injection tube.
- Flush the channel with 90 ml of detergent solution by pumping the syringe at least three times.

17 While Immersed:



- Wipe external surfaces of the endoscope and accessories while they are immersed in detergent solution.
- Leave the endoscope and accessories immersed in detergent solution for the time recommended by the detergent manufacturer.
- Remove the endoscope and accessories from the solution.

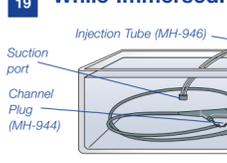
18 While Immersed:



- Rinse the endoscope and accessories.

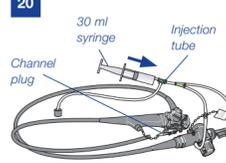
Manual Cleaning

19 While Immersed:



- Attach a 30 ml syringe to the injection tube's suction channel port.
- Flush the channel with 90 ml of water by pumping the syringe at least three times.
- Move the syringe to the air/water channel port of the injection tube.
- Flush the channel with 90 ml of water by pumping the syringe at least three times.

20 While Immersed:



- Remove the endoscope and accessories from the water.
- Cover the distal end and the control section with sterile, lint-free cloths.
- Attach the syringe to the suction channel port of the injection tube and flush the suction channel with 90 ml of air by pumping the syringe at least three times.
- Move the syringe to the air/water channel port of the injection tube and flush the air/water channel with 90 ml of air by pumping the syringe at least three times.
- Detach accessories from the endoscope.

21 While Immersed:



- Dry all external surfaces.
- Inspect all items for residual debris. Repeat the entire cleaning procedure until all debris is removed.

This sheet is a quick reference guide only. For detailed reprocessing instructions, please refer to the appropriate reprocessing manual.