

4690 series

Turbidity sensors



Wiper blade replacement

Measurement made easy

4690 series
turbidity sensors

1 Introduction

This publication details the wiper blade replacement procedure for 4690 series turbidity sensors. The procedure must be carried out by a trained technician.

The contents of the wiper blade replacement kit is shown in Table 1.

Description	Part No.	Qty.
Wiper blade (pack of 4)	7998 023	2
This publication – Wiper blade replacement	INF11/068-EN	1

Table 1 Wiper blade replacement kit 7998 023

2 For more information

Further information is available from:
www.abb.com/analytical

or by scanning these codes:



Sales



Service

3 Replacing wiper blade

1. Isolate the turbidity sensor from the power supply.
2. Referring to Fig. 3.1:
 - a. Release wiper module retaining collar (1) and remove wiper module (2).
 - b. Clean the wiper module.
 - c. Pull wiper blade (3) out of slot (4) in wiper arm (5) and discard.
 - d. Ensure wiper arm is at right angles and slot (4) is straight and parallel.
 - e. Taking care not to damage the new wiper blade, slide it into the wiper arm slot (4), ensuring blade edge is facing outwards.
 - f. Restore the power supply to the turbidity sensor.
 - g. Ensuring wiper arm is not obstructed, hold wiper module securely and initiate a manual clean cycle – see Section 6 of the User Guide (IM/4690-EN).
 - h. When clean cycle is complete, ensure wiper blade stops in-line with cut-out (6) in wiper module flange.
 - i. Ensure O-ring (7) is undamaged and located correctly in wiper module groove.
 - j. Carefully insert wiper module (2) into cell body, ensuring cut-out (6) in wiper module flange engages correctly with locating lug on cell body.
 - k. Secure wiper module to cell body with retaining collar (1), tightening retaining collar hand-tight only.

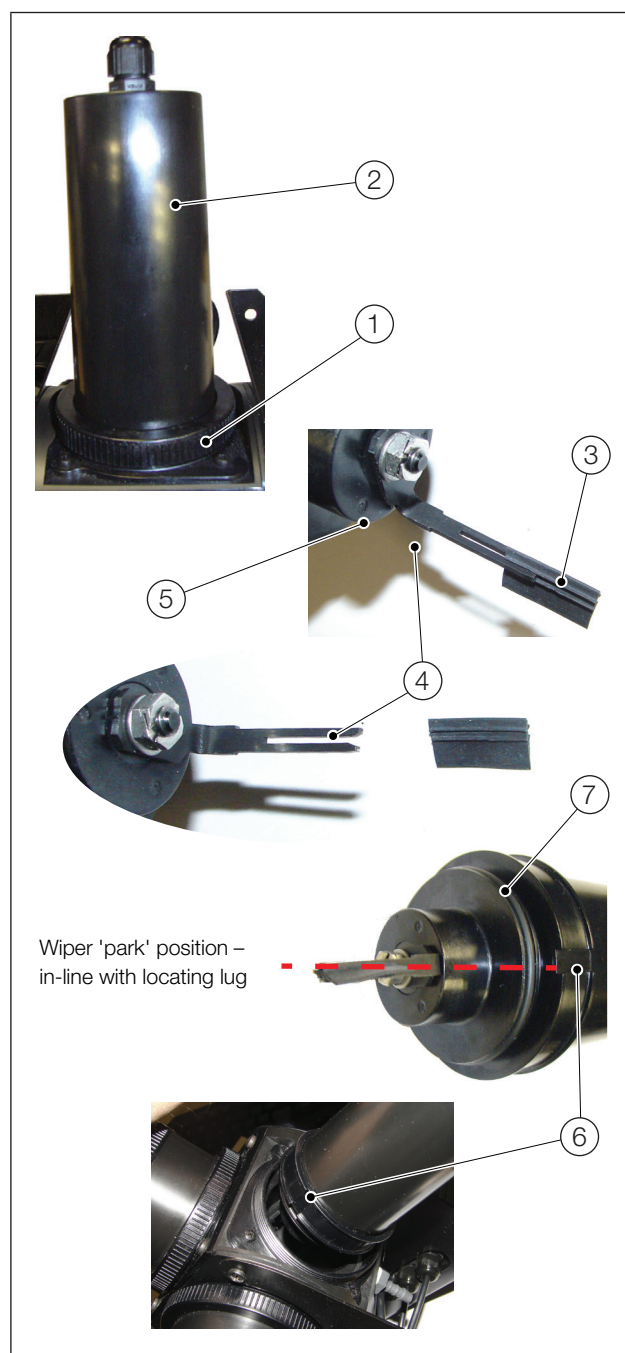


Fig. 3.1 Replacing wiper blade

Notes

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