

Endura AZ20 and AZ30

5µm / oil coalescing filter elements

Filter replacement

1 Introduction

This publication details replacement of the (old-style) 5µm filter element and oil coalescing filter element (supplied before June 2013).

Note. For (new-style) filter elements (supplied after June 2013), refer to Information Sheet INF13/139-EN (available from www.abb.com).

1.1 Filter part numbers

Description	ABB part number
5µm filter	AZ200 740
Oil coalescing filter	AZ200 741

Table 1.1 Replacement filter part numbers

2 Disposal

Warning. Dispose of old filter elements in accordance with the information contained in IM/AZ20P-EN in OI/AZ30P-EN.

3 Replacing the filters

3.1 Removing the filter cartridges

Referring to Fig. 3.1:

1. Close isolating valve (A).

Warning. The supply line pressure to the probe is vented via the 3-way ball valve shut-off / vent. Keep clear of the vent when the valve is closed and if necessary, connect a pipe to the vent and route to a safe area.

2. Release air from the 1 bar (15 psi) low pressure delivery side (B) by opening the manual drain valves (C) and (D).
3. Remove the oil coalescing filter cartridge (E) by rotating the base 1/4 turn anti-clockwise ↺ and withdrawing the complete cartridge.
4. Repeat step 3 to remove the 5µm filter cartridge (F).

5. Unscrew the coalescing filter (G) anti-clockwise (↺) and discard it.

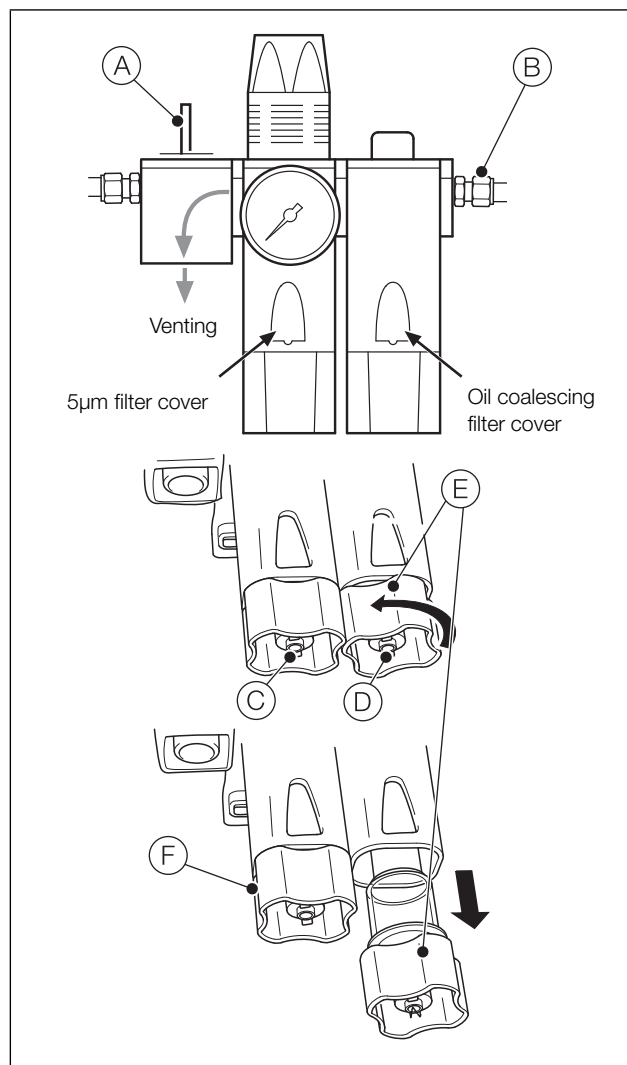


Fig. 3.1 Removing the filter covers

6. Proceed to Section 3.2, page 2 to fit new filters.

3.2 Fitting new filters

Referring to Fig. 3.2:

1. Free the oil coalescing filter (A) from the filter cartridge (B) by pressing the retaining tab (C) in and tilting the filter (A) to free it from one tab.
2. Lift the oil coalescing filter (A) away from the cartridge body.
3. Check that the O-ring (D) is seated correctly in the recess on the cartridge.
4. Fit a new oil coalescing filter (E) to the exiting cartridge body by sliding it over the 2 retaining tabs (F).
5. Repeat steps 1 to 4 to fit a new 5µm filter to the cartridge 5µm filter cartridge.
6. Position the oil coalescing filter cartridge (G) in the filter cartridge container (H) and secure it by rotating the base 1/4 turn clockwise ↻.
7. Position the 5µm filter cartridge (I) in the filter cartridge container (J) and secure it by rotating the base 1/4 turn clockwise ↻.

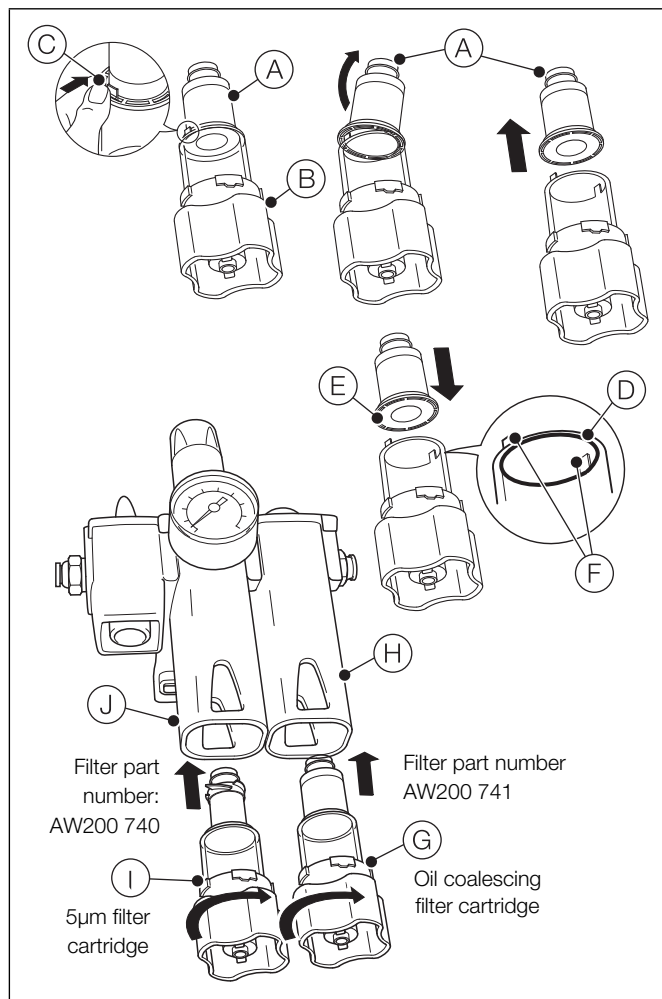


Fig. 3.2 Fitting new filters

For more information please contact:

ABB Limited
Process Automation
Oldends Lane
Stonehouse
Gloucestershire GL10 3TA
UK
Tel: +44 1453 826 661
Fax: +44 1453 829 671

ABB Inc.
Process Automation
125 E. County Line Road
Warminster
PA 18974
USA
Tel: +1 215 674 6000
Fax: +1 215 674 7183

www.abb.com

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