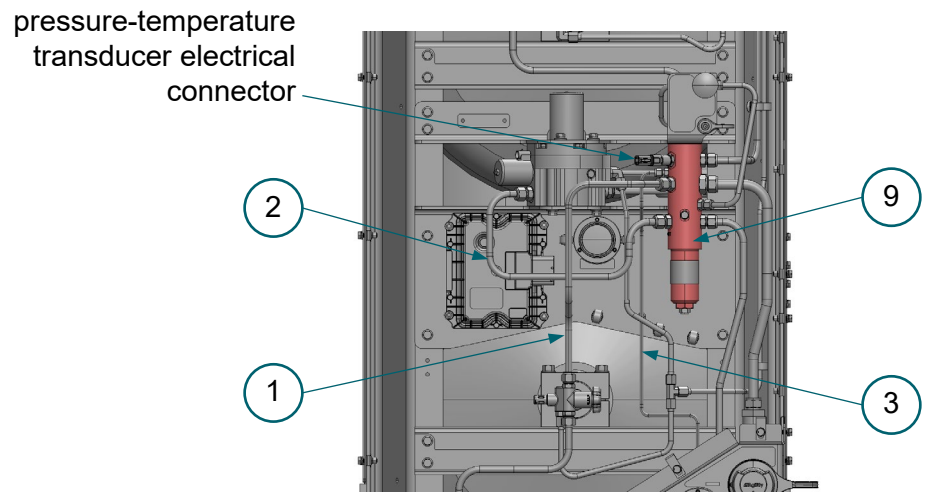
Reviewers Note: Words/phrases in blue will be links to specific diagnostic procedures when this document is published in Freshdesk.

317-series ProCab® Manifilter Removal & Replacement

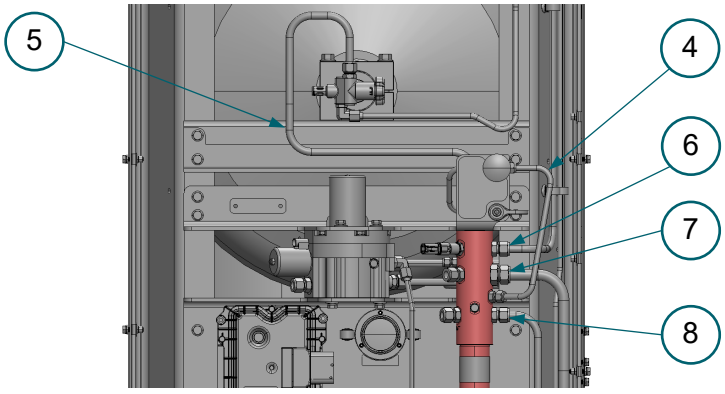
DSM.0149 Ver. 1.0 November 30, 2022

Removal

1. Depressurize fuel system.
2. Remove fuel cabinet side cover.
3. Disconnect fuel system harness from pressure-temperature transducer electrical connector.
4. Remove tube (1) from Cylinder #1 valve to Manifilter assembly (9).
5. Remove tube (2) from Marathon pressure regulator to Manifilter assembly (9).
6. Remove tube (3) from Manifilter assembly (9) and HP fuel gauge *(not visible).*



7. Remove tube (4) from Manifilter assembly (9) and defuel valve.
8. Remove tube (5) from top of Manifilter assembly (9) and Cylinder #2 valve.
9. Loosen compression fittings (6), (7), (8) from Manifilter assembly (9).



10. Remove QTY: 2 bolts *(not visible)* securing Manifilter assembly (9) to bracket.

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Installation

1. Install Manifilter assembly (9) aligning tube fittings (6), (7), (8) and finger tighten.
2. Install QTY: 2 Manifilter mounting bolts *(not visible)* and finger tighten.
3. Install tube (5) and finger tighten.
4. Install tube (4) and finger tighten.
5. Install tube (3) and finger tighten.
6. Install tube (2) and finger tighten.
7. Install tube (1) and finger tighten.
8. Torque Manifilter mounting bolts *(not visible)* to **8 ft-lbs (10.8 Nm)**.
9. Torque all fittings to compression fitting OEM specifications.
10. Connect fuel system harness *(not shown)* to pressure-temperature sensor electrical connector.
11. Pressurize system per Leak Check Procedure.
12. Complete Reassembly and Validation Procedure.
