
SERVICE INSTRUCTION

DynaFlow, 2k-220, and 2k-880 Transducer Enclosure Assembly (LECS0003)

1. Disconnect the existing 5/32" O.D. tubing from the output of the transducers, from the bulkheads, from the Operator Panel, and from the MVR or DR-1 regulators.
2. Using a screwdriver, remove the transducers from the DIN rail.
3. Replace the 5/32" O.D. tubing X 1/8" N.P.T. male transducer output fittings with 1/4" O.D. tubing X 1/8" N.P.T. male fittings (SSP-6427) from the kit. **DO NOT use the circuitboard as a handle while removing or installing pneumatic fittings as you may damage the circuit board.**
4. Reinstall the transducers on the DIN rail.
5. Reconnect the 1/4" O.D. supply line tubing to the transducers.
6. If the unit has 1/8" O.D. tubing bulkhead fittings, replace these with 1/4" O.D. tubing bulkhead fittings (41-FBH-1000) from the kit.
7. If the unit has 1/4" O.D. tubing bulkhead fittings, remove the 5/32" O.D. tubing female X 1/4" O.D. tubing male reducers from both sides of the bulkhead fittings.
8. Replace the 5/32" O.D. tubing X 1/8" N.P.T. male MVR or DR-1 regulator input fittings with 1/4" O.D. tubing X 1/8" N.P.T. male fittings (SSP-6427) from the kit.

9. Cut appropriate lengths of 1/4" O.D. tubing (9704-03) to connect the output of the transducers to the bulkhead fittings.

10. Cut lengths of 1/4" O.D. tubing (9704-03) to connect the input fittings of the MVR or DR-1 regulators to any Operator Panel and to the bulkhead fittings. **The total length of this tubing MUST be at least 15 feet (4.6 meters).** Shorter lengths will result in improper transducer operation. After the 15 feet (4.6 meters) minimum, the tubing should be cut as short as possible to suit the application.

DynaFlow, 2k-220, and 2k-880 Interface Box Assembly (LBAL5001)

1. Disconnect the existing 5/32" O.D. tubing from the output of the transducers, from the bulkheads, from the Operator Panel, and from the MVR or DR-1 regulators.
2. Using a screwdriver, remove the transducers from the DIN rail.
3. Replace the 5/32" O.D. tubing X 1/8" N.P.T. male transducer output fittings with 1/4" O.D. tubing X 1/8" N.P. T. male fittings (SSP-6427) from the kit. **DO NOT use the circuit board as a handle while removing or installing pneumatic fittings as you may damage the circuit board.**
4. Reinstall the transducers on the DIN rail.
5. Reconnect the 1/4" O.D. supply line tubing to the transducers.

6. Remove the 1/4" N.P.T. male X 1/8" N.P.T. female and 5/32" O.D. tubing X 1/8" N.P.T. male reducers from both sides of the bulkhead fittings.

7. Install 1/4" N.P.T. male X 1/4" O.D. tubing fittings (SSP-6079) on both sides of the bulkhead fittings.

8. Replace the 5/32" O.D. tubing X 1/8" N.P.T. male MVR or DR-1 regulator input fittings with 1/4" O.D. tubing X 1/8" N.P.T. male fittings (SSP-6427) from the kit.

9. Cut appropriate lengths of 1/4" O.D. tubing (9704-03) to connect the input fittings of the MVR or DR-1 regulators to any Operator Panel and to the bulkhead fittings.

10. Cut lengths of 1/4" O.D. tubing (9704-03) to connect the input fittings of the MVR or DR-1 regulators to any Operator Panel and to the bulkhead fittings. **The total length of this tubing MUST be at least 15 feet (4.6 meters).** Shorter lengths will result in improper transducer operation. After the 15 feet (4.6 meters) minimum, the tubing should be cut as short as possible to suit the application.

DynaFlow, 2k-220, and 2k-880 Operator Panel (LBAL5003)

1. Disconnect the 5/32" O.D. tubing from the 1/4" O.D. tubing male X 5/32" O.D. tubing female (X2) "Y" fittings.

2. Replace the 1/4" O.D. tubing male X 5/32" O.D. tubing female (X2) "Y" fittings with 1/4" O.D. tubing male X 1/4" O.D. tubing female (X2) fittings (A10463-01) from the kit.

3. Connect the new 1/4" O.D. tubing (9704-03) coming from the LBAL5001 Interface Box Assembly or LECS0003 Transducer Enclosure Assembly and from the MVR of DR-1 regulators to the new 1/4" O.D. tubing male X 1/4" O.D. tubing female (X2) fittings (A10463-01).

Manufacturing

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Technical Support Representative will direct you to the appropriate telephone number for ordering Spare Parts.

