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## SERVICE INSTRUCTION

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### 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).

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