



# Sea Pro® FH240 Series Manifold Kits (SP1296 and SP1297) Installation Instructions

## Torque Values

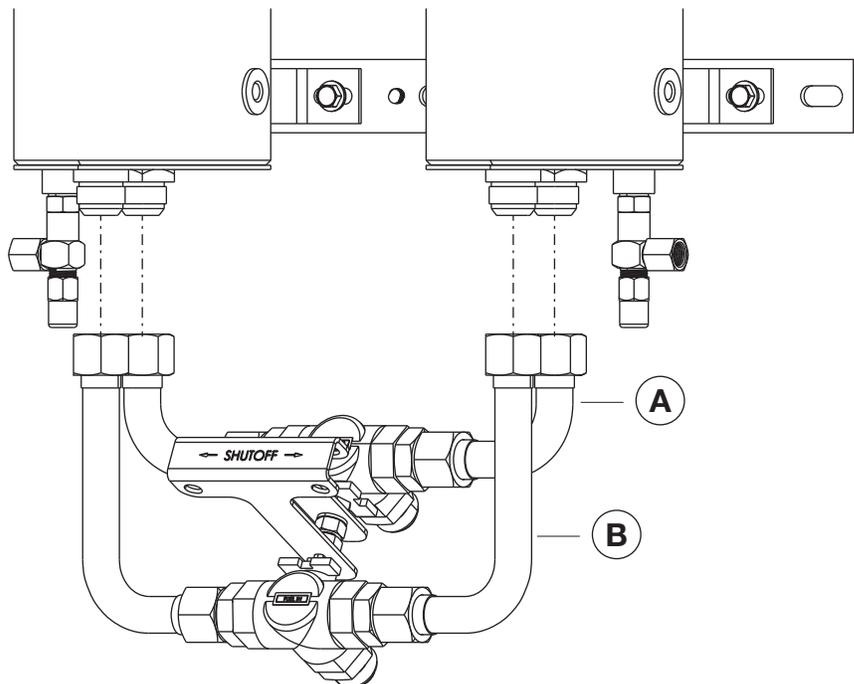
Application	Torque		
	in-lb	ft-lb	Nm
Fuel Line In	540-720	45-60	61 - 81
Fuel Line Out	540-720	45-60	61 - 81

## SP1296 (Short Manifold)

Part	Description
A	Valve Assembly, 3-Way with 2 Tubes (Short)

## SP1297 (Tall Manifold)

Part	Description
B	Valve Assembly, 3-Way with 2 Tubes (Long)



**CAUTION:** These instructions are intended for use by professional mechanics who are trained in the proper use of power and hand tools, using appropriate safety precautions (including eye protection).

## Manifold Removal

1. Completely drain both filter units into a safe container.
2. Rotate the valve handle to the down position shutting the “Fuel Out” and “Fuel In” valves to the completely closed position.
3. Remove the “Fuel In” line from the “Fuel In” valve/manifold and drain remaining fuel into a safe container.
4. Remove the “Fuel Out” line from the “Fuel Out” valve/manifold and drain remaining fuel into a safe container.
5. Loosen all four manifold nuts from the “Fuel In” and “Fuel Out” ports of the filter assemblies.
6. Finish unscrewing the manifold nuts from the ports on the filter assemblies and remove the manifolds and handle assembly.

**⚠ Caution: Do not damage any of the sealing surfaces on the filter and valve ports.**

7. Remove the valve hex nut and lock washer from the “Fuel In” valve handle stud.
8. Remove the remaining hex nut and lock washer from the “Fuel Out” manifold valve stud.
9. Remove the valve handle.

## Manifold Installation

1. Manifolds assemblies are shipped with valves in the completely off position. Install the handle onto the “Fuel Out” manifold assembly valve stud in the completely off orientation.
2. Start the hex handle nut and lock washer onto the “Fuel Out” manifold valve stud. Only start it by one thread - just enough to hold it on.
3. Clean both “Fuel In” and “Fuel Out” ports on the filter assemblies, removing any dirt or debris from the threads and sealing surfaces.

**⚠ Caution: Do not damage the sealing surface of the ports.**

4. Apply Loctite™ Marine Grade Anti-Seize to the threads of the “Fuel Out” ports on the filter assemblies.
5. Start the “Fuel Out” manifold assembly nuts onto the “Fuel Out” ports of the filter assemblies. Do not tighten.
6. Apply Loctite Marine Grade Anti-Seize to the threads of the “Fuel In” ports on the filter assemblies.
7. Start the “Fuel In” manifold assembly nuts to the “Fuel In” ports of the filter assemblies while inserting the manifold valve stud into the valve handle.
8. Install the hex handle nut and lock washer to the manifold valve stud.
9. Tighten the “Fuel In” and “Fuel Out” manifold nuts to the ports on the filter assemblies evenly with a finishing torque of 45-60 ft-lbs (61-81 N⋅m).
10. Tighten the valve handle nuts to 45-60 ft-lbs (61-81 N⋅m).
11. Apply the Fuel In and Fuel Out labels.
12. Follow the standard startup procedure to begin operation.



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