

Portable Pump Instruction Sheet

Introduction

The portable pump (Cat. No. 3206) uses a peristaltic pump to collect liquid samples from open channels and shallow monitoring wells. The pump is self-priming and able to run dry with a maximum lift of 27 feet. The pump is housed in a rugged NEMA 4X, 6 fiberglass housing and is able to withstand temporary submersion.

Operating the Portable Pump

1. Secure the 12 V dc battery pack (Cat. No. 1414) to the portable pump using the two rubber hold-down clamps. Pull the clamps up and over the clips on each end of the power supply (Figure 1).
2. Connect the battery pack to the 12 V dc receptacle on the side of the pump (Figure 1).
3. Attach vinyl tubing to the stainless steel fitting. Place the end of the vinyl tubing in a collection container (bottle, bucket, etc.) (Figure 2).
4. Attach an Intake Strainer (Cat. No. 926) to the pump tubing. Place the intake strainer in the open channel that will be monitored (Figure 2).
5. Collect the sample using the Reverse/Forward toggle on the side of the pump.

Replacing the Pump Tubing

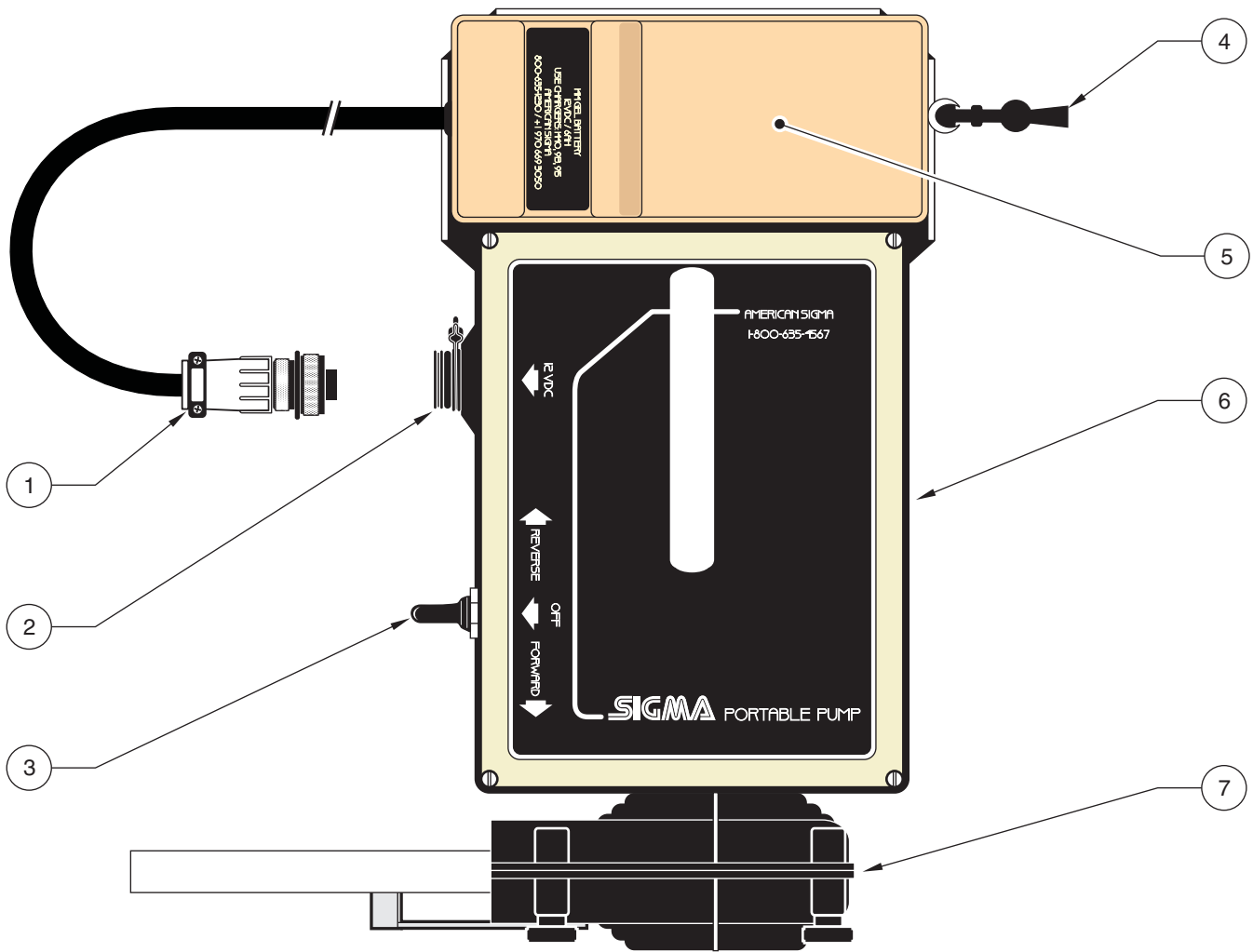
1. Loosen the four thumbscrews on the pump cover (Figure 2).
2. Remove the front cover of the pump housing.
3. Remove the existing tubing. Locate the black dot on the new tubing.
4. Install the pump tube in the pump housing until the black dots are visible just outside the pump body (Figure 2).
5. The shorter end of the tube that extends beyond the black dot attaches to the stainless steel tubing connector.
6. After inserting the new pump tube, reinstall the front cover and secure with the four thumbscrews until finger tight. See Figure 3 to view the final assembly.

Replacement Parts and Accessories

Description	Catalog Number
Fuse, 5 amp Slow Blow.....	8753
Pump Tubing, 15 ft.....	4600-15
Roller Assembly	1083
Thumbscrew, Pump Tubing.....	1025
Vinyl Intake Tubing.....	920

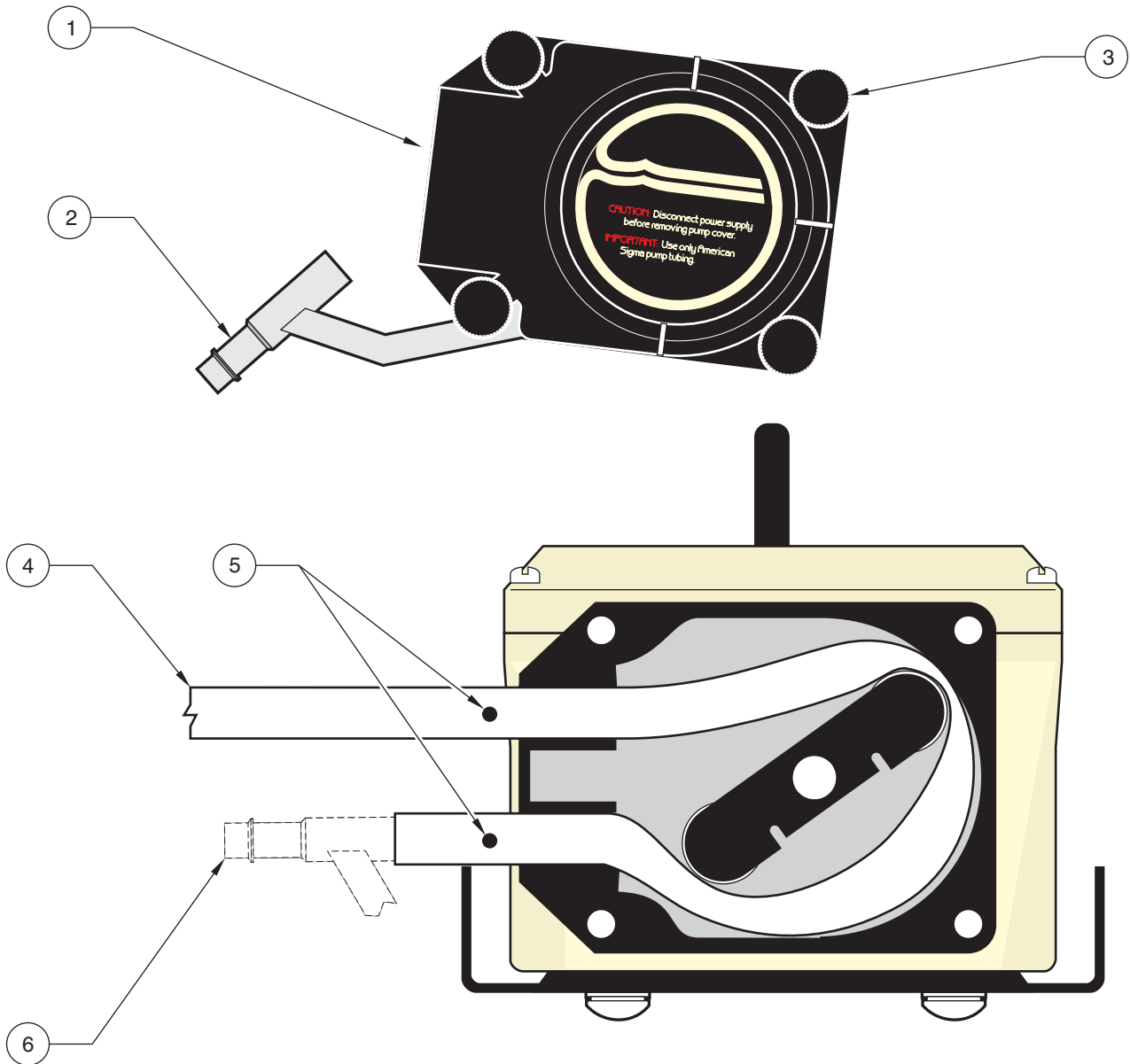
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Figure 1 Portable Pump



1. Battery Connector	5. Gel Battery Pack
2. 12 V dc Power Connector (from Battery)	6. Portable Pump
3. Off, Reverse and/or Forward Toggle Switch for Pump	7. Peristaltic Pump
4. Rubber Hold-down Clamps (2)	

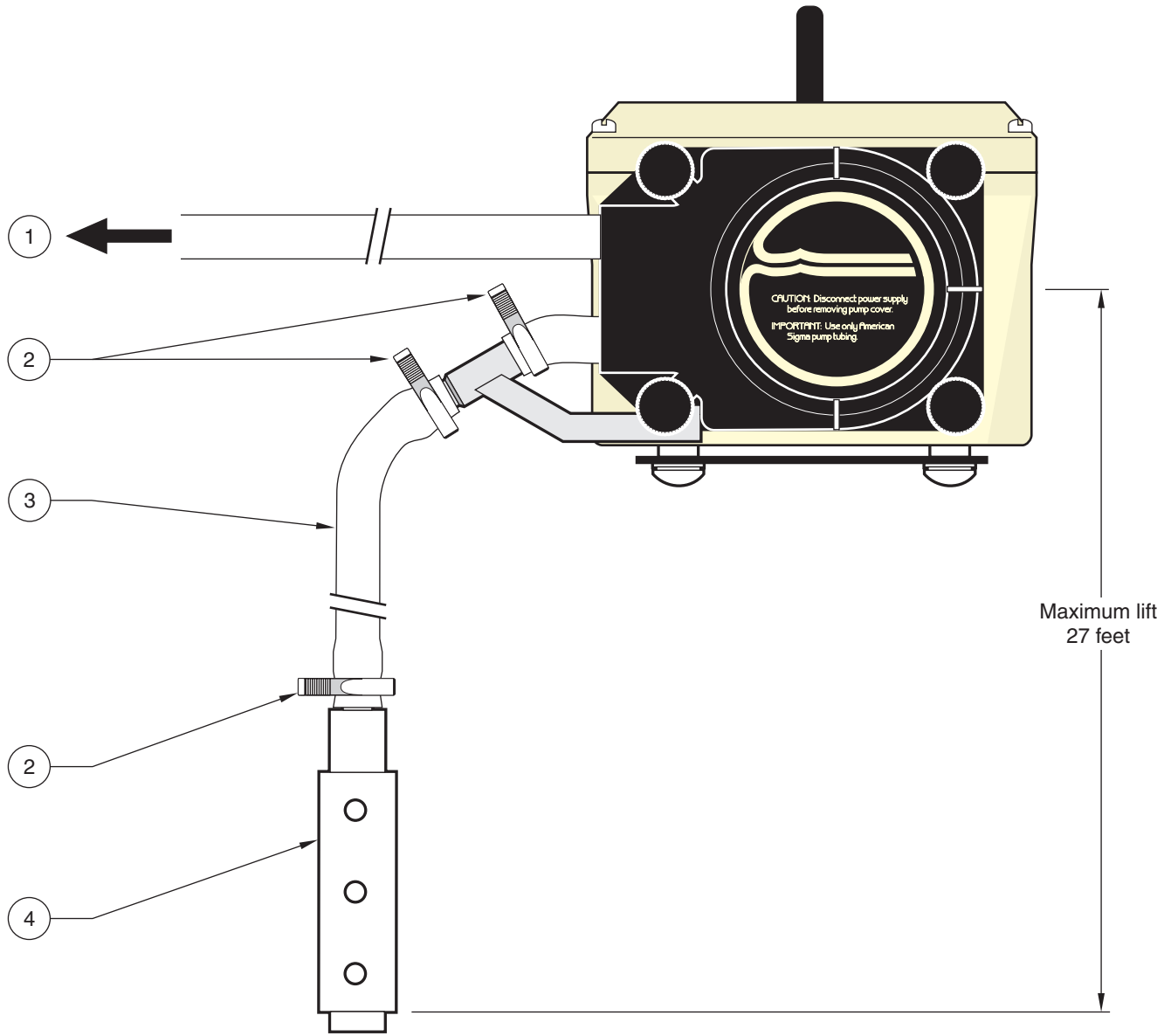
Figure 2 Replacing the Tubing



1. Cover, Peristaltic Pump	4. Vinyl Tubing
2. Stainless Steel Tubing Connector	5. Black Dots on Vinyl Tubing
3. Thumbscrew (4)	6. Stainless Steel Tubing Connector

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Figure 3 Final Assembly



1. Vinyl Tubing to Collection Container	3. Vinyl Tubing to Collection Site
2. Tubing Clamps (as required)	4. Intake Strainer



FOR TECHNICAL ASSISTANCE, PRICE INFORMATION AND ORDERING:
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