



## Installation Instructions for PMU and PMU w/OTP



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# Installation Instructions for PMU and PMU w/OTP

## Unit Installation Notes

### Before You Begin

- Study the Unit Overview in this booklet and Layout Dimensions from the Owners Manual. Make sure the planned location will have the necessary space available for installation. Including room for travel of the chair's base and backrest.
- Open all containers and review the contents. It may be helpful to locate all kits containing accessories. (Smaller parts are often packaged together to avoid being lost.)
- Locate all documentation supplied with the package. Manuals and Installation sheets may be found in one or more boxes accompanying their respective components. Set aside the Owner's Manual for the end user to review.
- If a new chair and unit are to be installed, setup the chair first. Refer to the installation manual supplied with the chair for instructions.

### SYMBOLS USED IN THIS MANUAL

The following symbols may be used throughout this product manual:



**CAUTION:** Failure to carefully follow the described procedure may result in damage to the equipment.



**WARNING:** Failure to carefully follow the described procedure may result in damage to the equipment or the operator.

### SUGGESTED TOOLS:

- 19mm wrench, socket or open end
- 9/16in. wrench, socket or open end
- Adjustable wrench
- SAE hex key set
- Post level or a magnetic level
- Scissors or utility knife
- Wire strippers
- Flathead screwdriver, small
- Philips screwdriver, small



## Installation Instructions for PMU and PMU w/OTP

### PMU to Chair Installation

1. Install the chair adapter to the bottom of the chair casting with the four supplied M10 x 35 bolts and M10 lock washers.



2. Insert the PMU/Post Assembly into the adapter collar. Using a post level and keeping the PMU parallel to the chair, tighten the set screws in the adapter collar to level and secure the PMU. Install the water bottle to the water system manifold.



3. Keeping the post mount bracket perpendicular to the PMU, install the telescoping arm to the PMU post at the desired height. Secure the post mount bracket by tightening the two 1/4-20 socket cap screws located in the back of the bracket. Hang the Assistant's Instruments on the four position holder. **NOTE:** If installing PMU only proceed to Utility Center Installation Page #5.





## Installation Instructions for PMU and PMU w/OTP Delivery System Installation

1. Insert the “S” style rigid arm into the top of the PMU post.
2. Install the delivery head/flex arm assembly by first routing the umbilical through the rigid arm and PMU post, then by inserting the delivery system into the top of the rigid arm.  
Ensure that the rear knuckle of the flex arm is fully inserted into the rigid arm.



3. Pull the delivery system umbilical through the access hole in the PMU post.
4. Connect the tubing to their relative connections, color to color using the supplied tubing sleeves.

1/8in. Gray: Water On/Off Signal

1/8in. Orange: Unregulated Air In

1/4in. Red: Drive Air In

1/8in. Blue: Water In

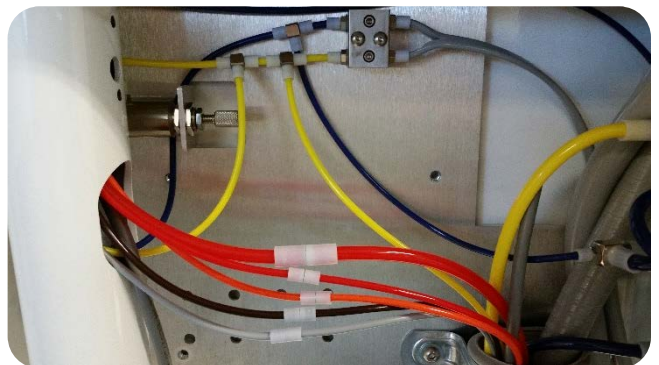
Touch Pad Cable: As Needed

1/8in. Brown: Unregulated Air Out

1/8in. Red: Air Coolant In

1/8in. Yellow: Regulated Air In

Cable 8 Conductor: As Needed for Accessory

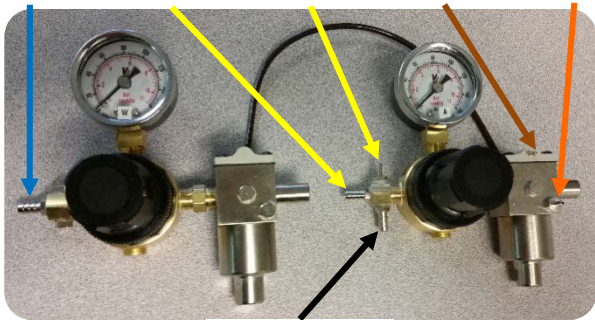




## Installation Instructions for PMU and PMU w/OTP Utility Center Installation

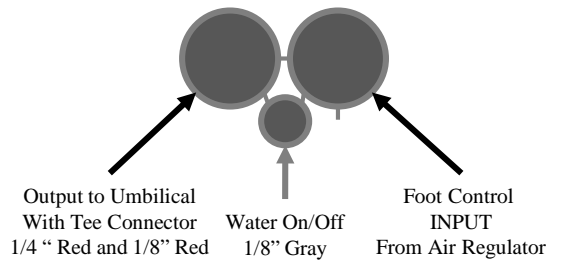
1. Place the junction box frame over the floor plumbing stub ups (refer to J-Box Floor Template).
2. Connect the umbilical tubing to the appropriate connection points with the supplied sleeves.  
**NOTE:** Foot control comes factory installed to the air regulator.

1/4" Blue Tubing    1/4" Yellow Tubing    1/8" Yellow Tubing    1/8" Brown Tubing    1/8" Orange Tubing

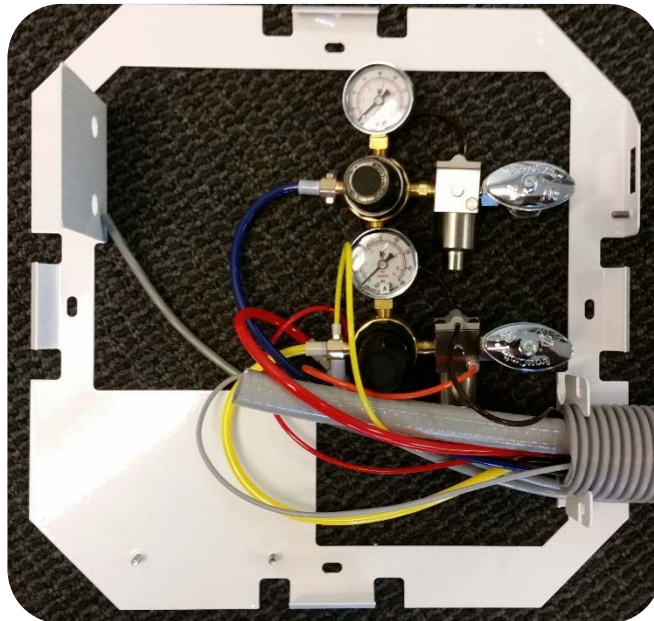


Foot Control  
INPUT

### Foot Control Tubing



3. Install the Air and Water Regulators to the manual shut-off valves and connect the vacuum line.



**For System Adjustments and Operation, Refer to the Use and Care Guide**