

CONVERTING A BEACON MEDAES (Hill-Rom) DIAMOND CARE SERIES RECESSED WALL OUTLET

FOR TRI-TECH MODEL NUMBERS:

F4804 Nitrous Oxide F4816 Medical Air
F4822 Medical Vacuum F4824A Oxygen

Beacon Medaes (Hill-Rom) Diamond Care Series Outlet

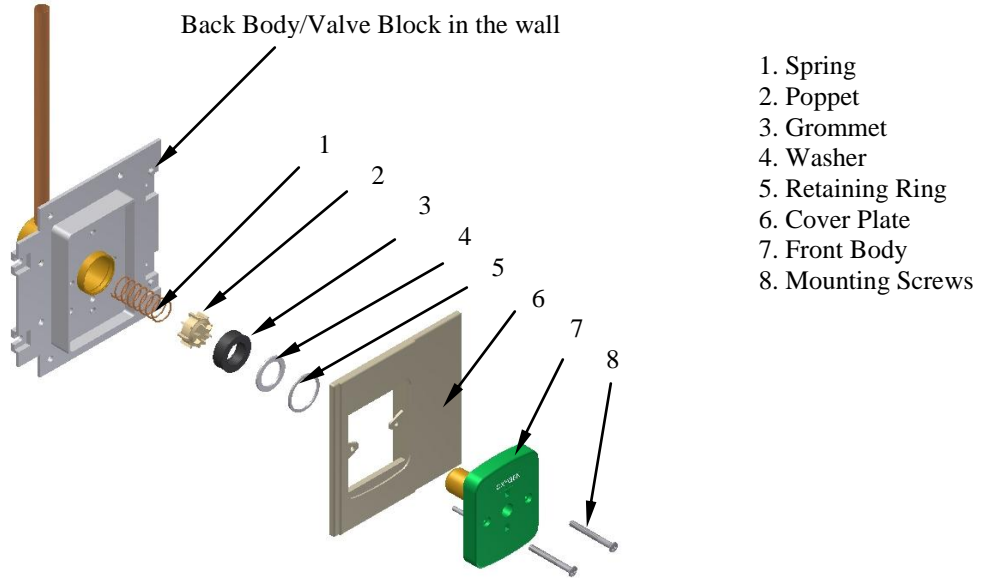
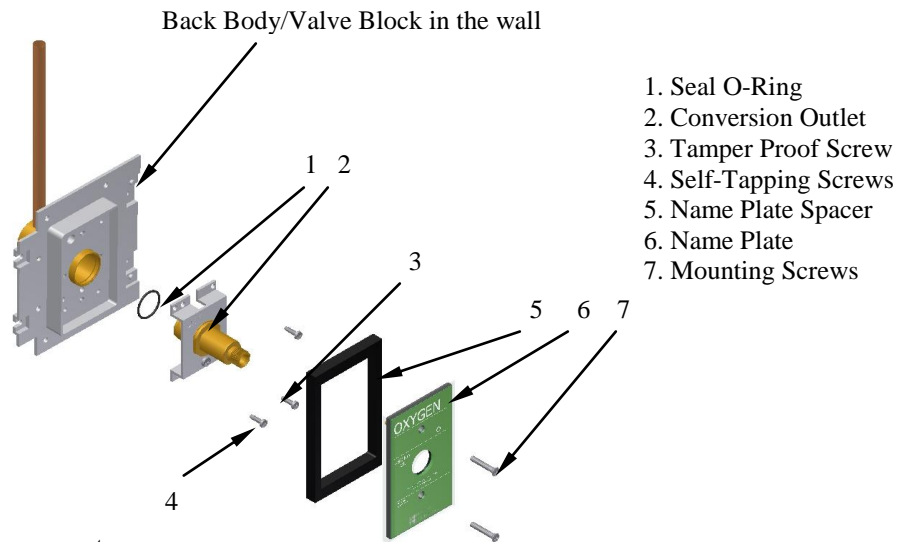


Figure 1
Removal of the exiting outlet Components.

Tri-Tech Conversion Outlet



Oxygen Outlet Shown

Figure 2
Installation of the outlet Conversion Components.

Tools Needed

1- Phillips Screwdriver
1- Flat Blade Screwdriver

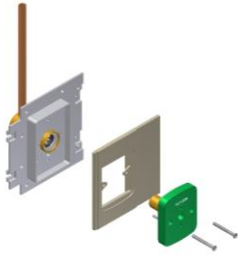
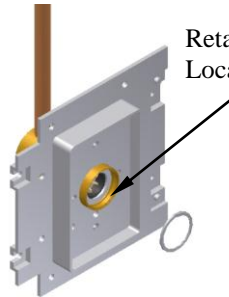
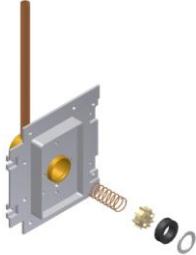
1- 3/16" Drill Bit
1- #29 Drill Bit

Tri-Tech Drill Fixture Part No's.
Nitrous Oxide F4804DF Vacuum F4822DF
Medical Air F4816DF Oxygen F4824DF

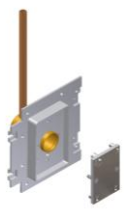

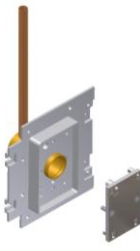
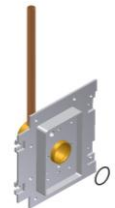
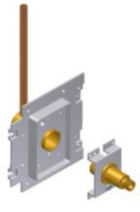
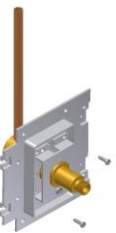

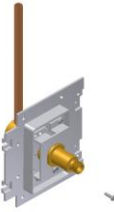
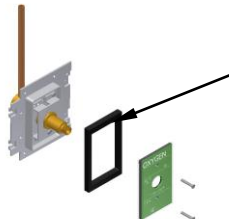
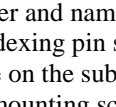

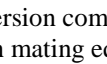
Refer to reverse side for detailed instructions

Beacon Medaes (Hill-Rom) Diamond Care Series Outlet Disassembly

Close the area zone valve. Warning: Do not close zone valve until all personnel have been advised of the intended service and all systems requiring medical gas are being supplied from portable or alternate supplies. Bleed the residual gas pressure from the outlet.

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|--|--|--|
| <p>1</p>  | <p>2</p>  | <p>3</p>  |
| <p>Loosen the mounting screws and remove the cover plate and outlet body assembly.</p> | <p>Using a flat blade screwdriver, pry off the internal retaining ring.</p> | <p>Remove washer, sealing grommet, poppet, and spring.</p> |

Tri-Tech Conversion Outlet Installation Instructions

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|---|--|---|--|
| <p>4</p>  | <p>5</p>  | <p>6</p>  | <p>7</p>  |
| <p>Install drill fixture plate. Tighten mounting screws alternately until snug. Indexing pin should engage existing indexing hole.</p> | <p>Drill one 3/16" dia. indexing hole and three #29 dia. holes through the appropriately marked drill bushings.</p> | <p>Remove drill fixture plate and clean all loose chips and debris from the outlet block.</p> | <p>Slide Teflon® o-ring down internal diameter of existing outlet until it stops against the first shoulder.</p> |
| <p>8</p>  | <p>9</p>  | <p>10</p>  | <p>11</p>  |
| <p>Insert conversion outlet into existing outlet through Teflon® o-ring and push into place. Indexing pin should engage original indexing hole.</p> | <p>Start the two #8-32 self-tapping screws into the diagonally opposite holes away from the gas name and alternately tighten each one turn until plate is drawn down snug.</p> | <p>Test the outlet in accordance with NFPA Pamphlet 99.</p> | <p>Install #8 tamper proof sheet metal screw in the hole diagonally opposite the gas name.</p> |
| <p>12</p>  | <p>13</p>  | <p>14</p>  | <p>15</p>  |
| <p>Position spacer and name plate over outlet so that the indexing pin slides through the indexing hole on the sub-mounting plate. Attach with mounting screws.</p> | <p>Note: Name plate spacer may not be required for certain wall thicknesses.</p> | <p>Conversion complete. Attach mating equipment.</p> | <p>Conversion complete. Attach mating equipment.</p> |