

**CONVERTING A CHEMTRON/NCG 5/8" (248 SERIES) OUTLET
TO A TRI-TECH MEDICAL Ohio COMPATIBLE OUTLET
FOR TRI-TECH MODEL NUMBERS: Q3804 Q3816 Q3822 Q3824 Q3832
N2O AIR VAC OXY EVAC**

TOOLS NEEDED: Phillips Screwdriver, Flat blade Screwdriver, 5/8 Open end Wrench, 7/8 Open end Wrench or 7/8 Socket and Wrench

CHEMTRON/NCG 5/8" (248 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.

Remove the mounting screws and the coverplate.

Remove the latch mechanism mounting screw and the latch mechanism.

Using a 5/8 open end wrench, turn the valve body w/flange counterclockwise to unscrew from the valve block

Unscrew the ball check cap, remove and discard.(It may be necessary to use pliers to pull the cap free)

Remove and discard the spring and ball from the ball check cavity.

Clean all loose chips and debris from the outlet.

Tri-Tech Ohio Compatible Conversion Outlet Installation Instructions

Install the new ball check cap screw with o-ring into the ball check cavity.

Unscrew the adaptor shell, with hex shoulder and circular flange, from the conversion outlet body and pull off with a twisting motion.

Apply Loctite R adhesive to male threads of adaptor shell w/flange. Apply four drops approximately 90 deg. apart. DO NOT apply to first thread.

Position adaptor shell w/flange against the valve block cavity and turn clockwise to tighten.

Using a 7/8 open end wrench or socket, tighten adaptor shell to compress the o-ring on the adaptor shell against the valve block. The circular flange on the adaptor shell must be positioned with the 6-32 tapped holes vertical when tight.

Insert conversion outlet body into adaptor shell twisting clockwise and pushing until threads engage.

Handtighten conversion outlet body clockwise until it stops.

If necessary, turn conversion outlet body counter-clockwise until gas name is horizontal and arrow is pointing up.

Slide the notched sub-mounting plate over the mill flats of the conversion outlet body.

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If the back box has a tab at the top and bottom with a 6-32 tapped hole, position the nylon spacer under the holes at the top and bottom of the locking plate. Insert the two longer screws thru the plate and spacers and into these tapped holes. Tighten securely.

If there are no tabs at the top and bottom of the back box, position the nylon spacers under the slotted holes of the locking plate. Insert the two longer screws thru the plate and spacers and into the tapped holes of the circular ring on the adaptor shell. Tighten securely.

Test in accordance with NFPA Pamphlet 99.

Position gray housing and nameplate assembly over the conversion outlet body collar and secure with two (2) oval head mounting screws.

Conversion complete.