



SAVE THESE INSTRUCTIONS

Dealer: These instructions **MUST** be given to the user of this product.

NOTE: Check all parts for shipping damage. If damage is found, DO NOT use. Contact Carrier/Invacare for further instructions.

Safety Summary

To ensure the safe and proper installation of the Regulator, these instructions and warnings **MUST** be followed:

⚠ WARNING

DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. If you are unable to understand the warnings, cautions or instructions, contact a healthcare professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.

⚠ ACCESSORIES WARNING

Invacare products are specifically designed and manufactured for use in conjunction with Invacare accessories. Accessories designed by other manufacturers have not been tested by Invacare and are not recommended for use with Invacare products.

Oxygen Flow Control Regulators

Oxygen flow control regulators are pressure reducing devices which lower oxygen pressure from a cylinder to levels which can be safely used by the user. Oxygen flow control regulators are intended for administration of oxygen to patients who need increased oxygen levels to improve their breathing conditions. In addition, some models may be used in emergency situations. In any emergency situation, be sure to contact a physician or EMS immediately.

⚠ DANGER

DO NOT SMOKE while using this device. Keep all matches, lit cigarettes or other sources of ignition out of the room in which this product is located and away from where oxygen is being delivered.

NO SMOKING signs should be prominently displayed. Textiles and other materials that normally would not burn are easily ignited and burn with great intensity in oxygen enriched air. Failure to observe this warning can result in severe fire, property damage and cause physical injury or death.

This product is NOT intended as a life-sustaining or life-supporting device.

⚠ WARNING

DO NOT allow oil from your hands or other sources to come into contact with the cylinder valve. These substances may become flammable in the presence of oxygen and cause injury. Avoid touching the cylinder post valve whenever possible. Example of items to avoid are hand creams or lotions, cooking oils, suntan oils or sun blocks and similar oily products. If you use these types of products, wash your hands prior to use. If the cylinder valve should come in contact with such substances it should be cleaned off with a damp cloth prior to connecting it to the conserving regulator.

Keep out of reach of children.

Federal law restricts this device to use by or on order of a physician. Only use as prescribed by a physician.

For more information regarding Invacare products, parts, and services, please visit www.invacare.com

Installing the Regulator

NOTE: For information on how to operate the cylinder, consult your equipment provider.

For CGA 870 Style Installation

NOTE: For this procedure, refer to FIGURE 1.

1. Inspect cylinder valve outlet and regulator inlet to insure they are free of contaminants.

NOTE: If you detect any indication of contamination, DO NOT USE and contact your dealer.

2. Position the cylinder so the oxygen cylinder valve is pointing away from the user and away from other people (Detail "A").
3. Before installing the regulator onto the cylinder, open the oxygen cylinder valve slightly to blow out any dust or dirt that might have accumulated in the cylinder valve outlet (Detail "A").
4. Turn the flow dial on the oxygen conserving regulator to the OFF position (Detail "B").
5. Check that the CGA 870 connection high pressure inlet has a yoke seal (Detail "C").
6. Align the index pins with the alignment holes in the post valve (Detail "D").
7. Hand tighten the T-handle until snug (Detail "E").

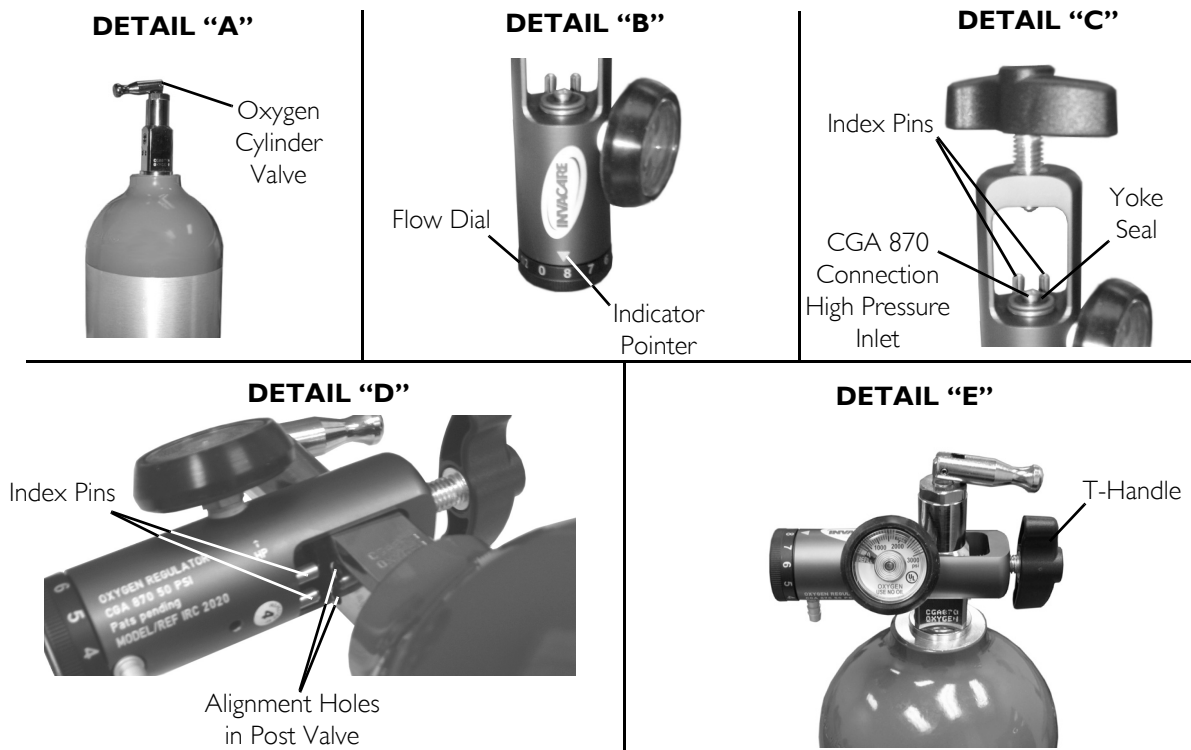


FIGURE 1 For CGA 870 Style Installation

For CGA 540 Style Installation

NOTE: For this procedure, refer to FIGURE 2.

1. Inspect cylinder valve outlet and regulator inlet to insure they are free of contaminants.

NOTE: If you detect any indication of contamination, DO NOT USE and contact your dealer.

2. Position the cylinder so the oxygen cylinder valve outlet is pointing away from the user and away from other people.
3. Before installing the regulator onto the cylinder, open the cylinder valve slightly to blow out any dust or dirt that might have accumulated in the cylinder valve outlet.
4. Turn the flow dial on the regulator to the OFF position.

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5. Connect the regulator inlet to the cylinder valve outlet.
 6. Using proper size wrench or knurled hand ring, firmly tighten regulator inlet by rotating in a clockwise direction.

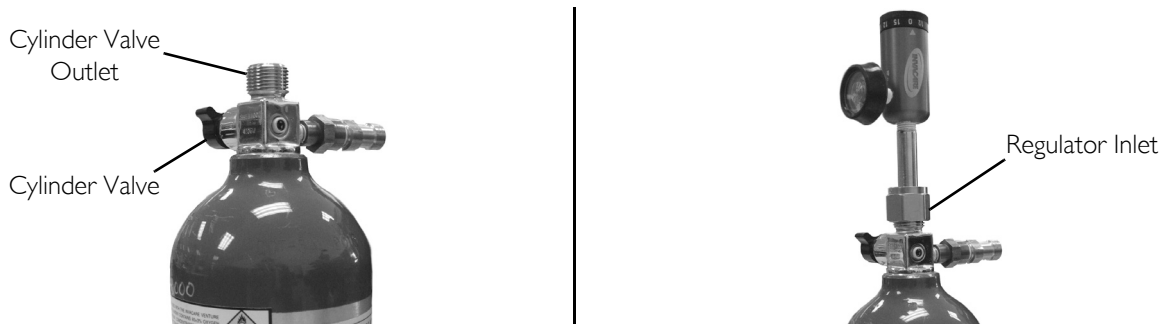


FIGURE 2 For CGA 540 Style Installation

Operating Instructions

CAUTION

For safety, be sure you are not directly in front of or behind the regulator when opening the cylinder valve.

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1. Once the regulator is firmly attached to the cylinder valve, open the cylinder valve slowly to insure the pressure gauge moves to the indicated cylinder pressure.
 2. Check for oxygen leakage.

NOTE: If a hissing sound can be heard or the pressure indicator on the gauge drops more than 100 PSI in one minute, there is a leak in the system. Turn the cylinder off and turn the regulator on to relieve pressure. Try tightening the regulator onto the cylinder and opening the cylinder valve again. If a leak still exists, DO NOT USE, close the cylinder valve and contact your dealer.

NOTE: The cylinder valve must be opened completely to insure proper operation of the regulator.

3. Adjust the flow rate setting by turning the knob clockwise until the desired setting shows through the window.

NOTE: If the cylinder pressure falls below 300 PSI, you should exchange the cylinder for a full cylinder.

4. To turn off the system, close the cylinder valve, wait for oxygen to flow out of the regulator, and turn regulator to the "0" position.

CAUTION

NEVER try to remove the regulator unless the cylinder is OFF and pressure has been relieved.

Removing the Regulator

1. Leave the regulator open but close the cylinder valve. Wait for the pressure gauge on the regulator to fall to "0" and the flow from the regulator to stop.
2. Turn the regulator flow control to the OFF position.
3. Remove the regulator from the cylinder.

CAUTION

To avoid possible injuries, NEVER remove a regulator from a cylinder until the cylinder valve has been closed and all pressure has been released.

LIMITED WARRANTY

PLEASE NOTE: THE WARRANTY BELOW HAS BEEN DRAFTED TO COMPLY WITH FEDERAL LAW APPLICABLE TO PRODUCTS MANUFACTURED AFTER JULY 4, 1975.

This warranty is extended only to the original purchaser/user of our products.

This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

Invacare warrants this product to be free from defects in materials and workmanship for a period of five (5) years from date of purchase. If within such warranty period any such product shall be proven to Invacare's satisfaction to be defective, such product shall be repaired or replaced, at Invacare's option. This warranty does not apply to problems arising from normal wear and tear or failure to adhere to these instructions, nor does it include shipping charges incurred in replacement part installation or repair of any such product. Invacare's sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement.

For warranty service, please contact the Invacare service department during normal business hours at the toll-free telephone number identified on the back cover of this manual.

Upon receiving notice of an alleged defect in a product, Invacare will issue a serialized return authorization. It shall be the responsibility of the purchaser to pack the product(s) or part(s) in an appropriate manner to avoid shipping damage and return the product(s) or part(s), at the purchaser's expense, to either Invacare's plant or service center as specified by Invacare in advance. The defective product(s) or component part(s) must be returned for warranty inspection using the serial number as identification within 30 days of the return authorization date. **DO NOT** return any product(s) or part(s) to our factory or service center without prior consent. **C.O.D.** shipments will be refused - please pre-pay shipping charges.

LIMITATIONS AND EXCLUSIONS: THE FOREGOING WARRANTY SHALL NOT APPLY TO SERIAL NUMBERED PRODUCTS IF THE SERIAL NUMBER HAS BEEN REMOVED OR DEFACED; PRODUCTS SUBJECTED TO NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, MAINTENANCE, OR STORAGE; PRODUCTS MODIFIED WITHOUT INVACARE'S EXPRESS WRITTEN CONSENT (INCLUDING, BUT NOT LIMITED TO, MODIFICATION THROUGH THE USE OF UNAUTHORIZED PARTS OR ATTACHMENTS); PRODUCTS DAMAGED BY REASON OF REPAIRS MADE TO ANY COMPONENT WITHOUT THE SPECIFIC CONSENT OF INVACARE; PRODUCTS DAMAGED BY CIRCUMSTANCES BEYOND INVACARE'S CONTROL; OR PRODUCTS REPAIRED BY ANYONE OTHER THAN INVACARE OR AN INVACARE SERVICE CENTER. SUCH EVALUATION SHALL BE SOLELY DETERMINED BY INVACARE.

THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES WHATSOEVER, WHETHER EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND THE SOLE REMEDY FOR VIOLATIONS OF ANY WARRANTY WHATSOEVER, SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT PURSUANT TO THE TERMS CONTAINED HEREIN. THE APPLICATION OF ANY IMPLIED WARRANTY WHATSOEVER SHALL NOT EXTEND BEYOND THE DURATION OF THE EXPRESS WARRANTY PROVIDED HEREIN. INVACARE SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGE, OR LIMITATION OF HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSION AND LIMITATION MAY NOT BE APPLICABLE.

THIS WARRANTY SHALL BE EXTENDED TO COMPLY WITH STATE/PROVINCIAL LAWS AND REQUIREMENTS.



Yes, you can.

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