

# Bravo Conversion Frame Installation Instructions

## **MANDATORY**

The B2000 Conversion Frame from S. Bravo Systems, Inc. **MUST** be installed by, and only by, **Bravo Certified Installation Contractors**. Details can be found at [www.sbravo.com/cert.htm](http://www.sbravo.com/cert.htm)

**YOU MUST CLOSELY ADHERE TO ALL DIRECTIONS AND WARNINGS INDICATED ON THE PRODUCT OR CONTAINED IN THESE INSTALLATION INSTRUCTIONS.**

*For assistance please call Bravo for technical support at (800) 28-BRAVO.  
Outside the U.S.A. please call (323) 888-4133.*

**SAFETY FIRST!** *S. Bravo Systems, Inc. urges you to carefully adhere to the normal safety procedures and precautions followed by your company. Please follow the mandates and compliances decreed by OSHA, local, State and federal regulations regarding the use of this product.*

## **IMPORTANT**

**YOU MUST** check all your drawings / site plans for errors or possible problems. Make sure you have all necessary materials / tools on-site before Installation.

**FOR A MATERIALS CHECKLIST, SEE PAGE 3**

## **A - UPGRADING TO NEW DISPENSER**

### **IMPORTANT**

Always follow your company's normally recommended safety procedures for working on a dispenser and dispenser containment devices.

**A1** - Remove existing dispenser from island.

# IMPORTANT

Be sure to always READ THE DRAWINGS or plans to make sure that your mounting points are the same. Call Bravo Systems if any problem occurs.

**A2** - Position and bolt down conversion frame to the dispenser pan using the anchor plates of the conversion frame with minimum 1/2" Diameter bolts. Use plastic caps to cover the bolts/nuts.

**For Non-Bravo Sumps** - A minimum of Four anchor bolts must be secured directly to concrete.

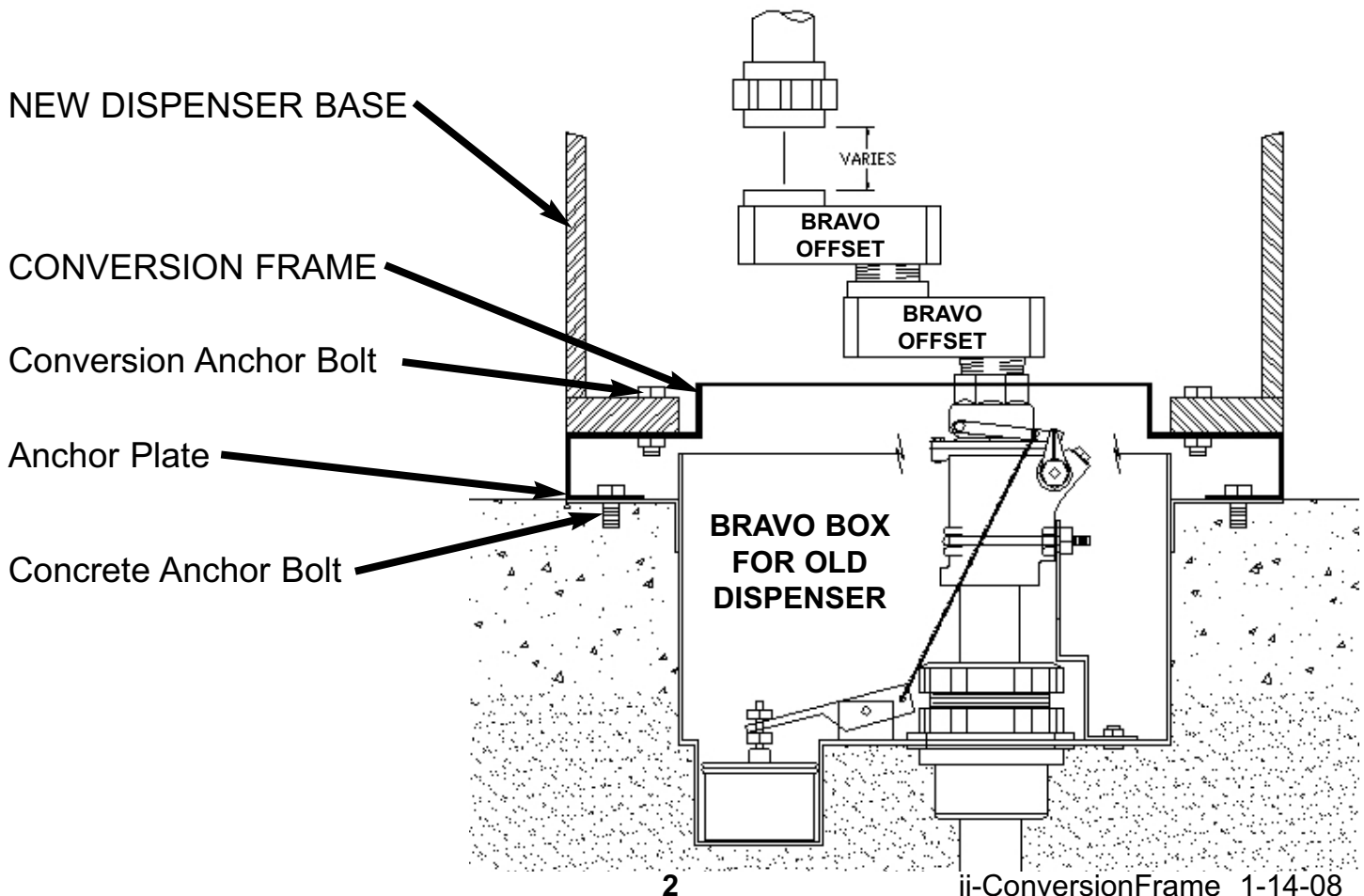
**A3** - Adjust electrical conduits to line up with the new dispenser if necessary.

**A4** - Pre-plumb all product inlets and vapor recovery line with offsets and/or rigid pipe and elbows if necessary.

# NOTICE

DEPENDING ON NEW DISPENSER USED AND/OR OFFSET APPLICATION, THE RISER ON THE DISPENSER MAY NEED TO BE SHORTENED TO ACCOMMODATE THE SPACE TAKEN UP BY THE USE OF OFFSETS, ELBOWS, ETC...

**A5** - Position and bolt down the dispenser to the conversion frame with the anchor bolts provided.



# INSTALLATION MATERIALS CHECKLIST

- |                                                  |                                                                    |
|--------------------------------------------------|--------------------------------------------------------------------|
| <input type="checkbox"/> Tools & Equipment       | <input type="checkbox"/> Offsets, elbows, nipples, unions, Etc..   |
| <input type="checkbox"/> Concrete Anchor Bolts * | <input type="checkbox"/> Plastic caps (sow plugs) for nuts / bolts |

\* S. Bravo Systems, Inc. does not include Concrete Anchor Bolts with its Conversion Frames.

## PRE-INSTALLATION CHECKLIST

- Ensure that you have all your permits in order, including your Bravo Certification Card.
- Conversion Frame is free of damage?
- Physically check the Dispenser, Sump and Conversion Frame drawings before installation?
- NO modification to the Conv-Frame is necessary? If so, **Call 323-888-4133 immediately.**

## INSTALLATION CHECKLIST

- Dispenser was carefully removed and any spills contained?
- Drawings for all components are on-site and have been reviewed for any problems?
- Conversion Frame is securely bolted to the existing UDC Sump with minimum 1/2" bolts?
- If OPP or a Non-Bravo Systems UDC is existing, were a minimum of 4 anchor bolts securely installed directly to the concrete?
- All electrical conduits are adjusted correctly to mate with the new dispenser?
- All product inlets are pre-plumbed with approved offsets, elbows, pipe, etc..?
- Conversion Frame was inspected for dents or damage?
- Dispenser was carefully lined up and securely bolted to the Conversion Frame?

# INSPECTION CHECKLIST

- Conversion Frame is free of damage?
- There was no Unauthorized modification to the Conversion Frame? (pieces missing)
- No exposed (raw) metal is visible?
- All Concrete Anchor Bolts and Conversion Anchor Bolts are tightly secured and capped?

## ANNUAL MAINTENANCE GUIDELINES

### IMPORTANT

- ➔ If changing the Dispenser Brand or Model, you need a brand new Conversion Frame.
- ➔ After a Collision or Drive-off, check the Frame for damage. Replace it, DO NOT repair.
- ➔ Check for chips or damage to the Frame's paint. Re-coat exposed areas with Ameron AmerShield epoxy.
- ➔ Check all nuts / bolts that they are completely secured and that no nuts have backed off.

#### WARRANTY

All containment systems sold by S. Bravo Systems, Inc. are warranted to be free from defects in material and workmanship for a period of one year from date of purchase. This warranty will be limited to the repair and replacement of Bravo parts only and will exclude all claims for labor or consequential damage. No other express warranties given and no affirmation of S. Bravo Systems, Inc., or its agents and/or representatives, by words or action, will constitute a warranty. IT IS EXPRESSLY AGREED THAT THIS WARRANTY WILL BE IN LIEU OF ALL WARRANTIES OF FITNESS AND IN LIEU OF THE WARRANTY OF MERCHANTABILITY.

This warranty is void if there is any evidence of modification, abuse, negligence, or improper installation. If any fittings or components, other than S. Bravo Systems approved fittings or components, are used in conjunction with any S. Bravo Systems product, the warranty pertaining to these products is immediately void.



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