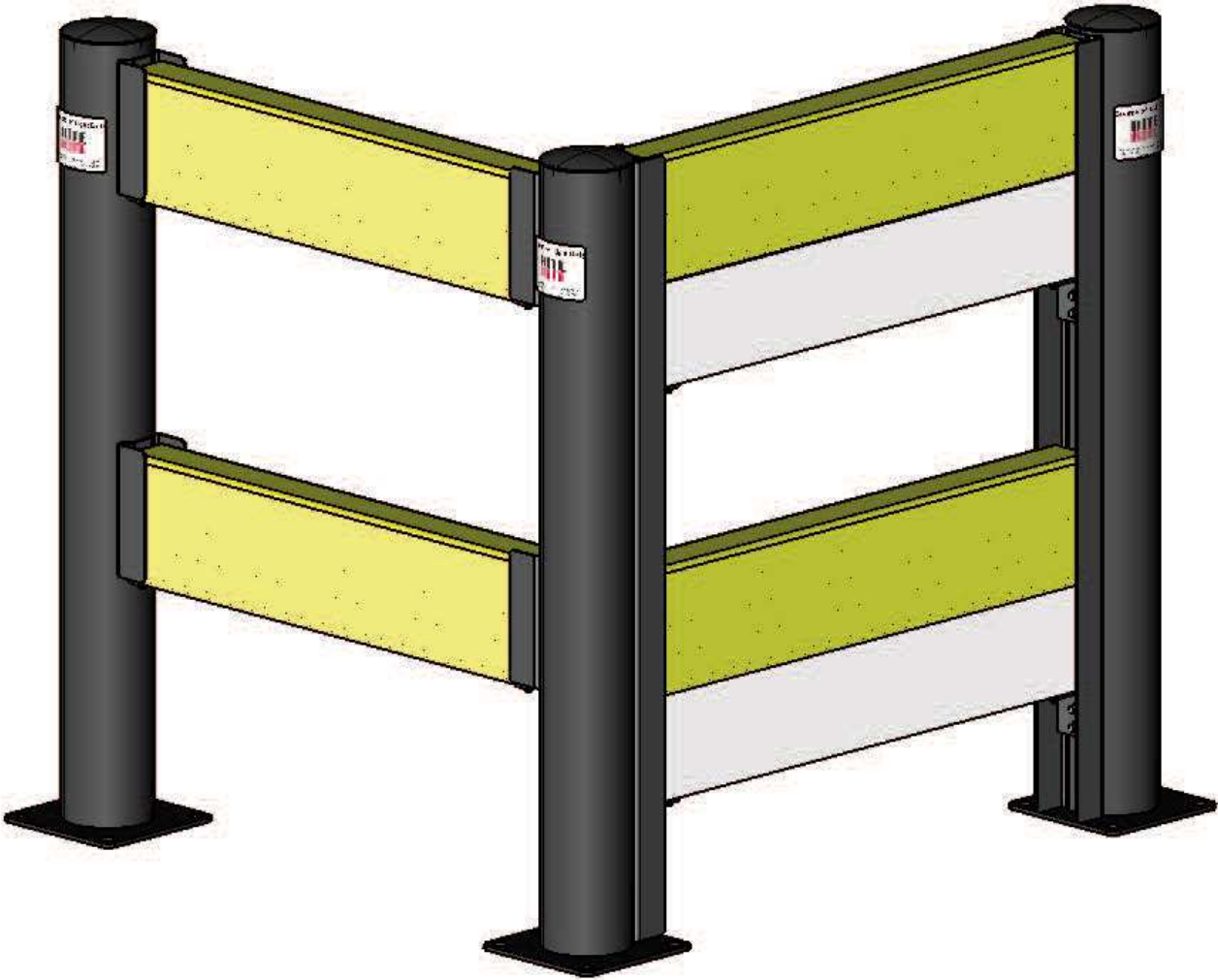

GUARDRITE® FLEX

INSTALLATION INSTRUCTIONS



THIS MANUAL COVERS ALL UNITS SHIPPED JANUARY 2013 TO DATE

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PRODUCT INTRODUCTION

Thank you for purchasing the GUARDRITE® FLEX from RITE-HITE®.

IMPORTANT

Read and understand contents of this manual prior to installation or operation of this equipment. For best results, have this product serviced by your authorized RITE-HITE® Representative.

NOTICE TO USER

Your local RITE-HITE® Representative provides the Planned Maintenance Program (P.M.P.) which can be fitted to your specific operation. Call your local representative or RITE-HITE® at 1-414-355-2600 or toll free at 1-800-456-0600.

SAFETY

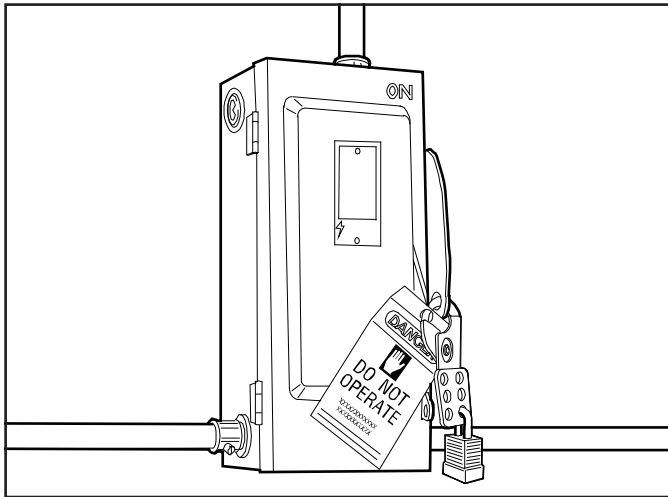


Figure 1

⚠ WARNING

When working with electrical or electronic controls, make sure that the power source has been locked out and tagged according to OSHA regulations or your country's local standards and approved local electrical codes.

LOCKOUT / TAGOUT PROCEDURES

The Occupational Safety and Health Administration (OSHA) requires that, in addition to posting safety warnings and barricading the work area, the power supply has been locked in the OFF position or disconnected. It is mandatory that an approved lockout device is utilized. An example of a lockout device is illustrated in Figure 1. The proper lockout procedure requires that the person responsible for the repairs is the only person who has the ability to remove the lockout device.

In addition to the lockout device, it is also a requirement to tag the power control in a manner that will clearly note that repairs are under way and state who is responsible for the lockout condition. Tagout devices have to be constructed and printed so that exposure to weather conditions or wet and damp locations will not cause the tag to deteriorate or become unreadable.

RITE-HITE® Corporation does not recommend any particular lockout device, but recommends the utilization of a device that meets OSHA standards (refer to OSHA regulation 1910.147). RITE-HITE® Corporation also recommends the review and implementation of an entire safety program for the Control of Hazardous Energy (Lockout/Tagout). These regulations are available through OSHA publication 3120.

⚠ DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

NOTICE

Indicates a situation which can cause damage to the equipment, personal property and/or the environment, or cause the equipment to operate improperly.

TOOLS AND COMPONENTS

Unpack all of the components and compare to the part breakout in the back of this installation manual. Notify the factory if parts are missing or damaged.

TOOLS REQUIRED:

Hammer drill with ½" x 6" long concrete bit

Impact wrench with 9/16" socket

Cordless drill with 3/8" hex driver

Circular saw or other saw with blade capable of cutting plastic rails

Laser level or chalk line

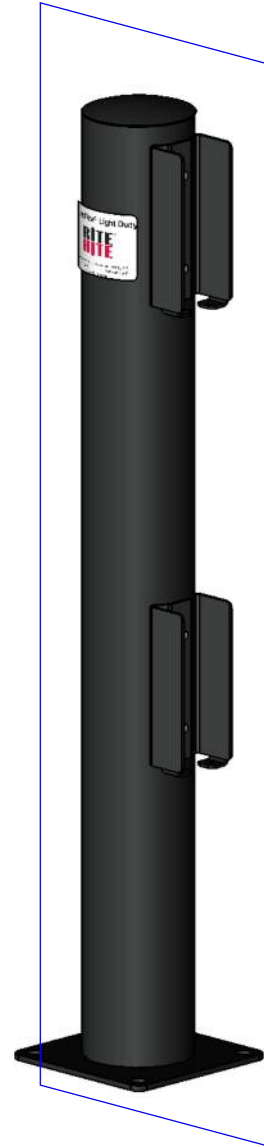
INSTRUCTIONS

ATTACHMENT OF THE RAIL GUIDES TO THE COLUMNS (7")

NOTICE

Over-tightening the screws may make the rail guide too tight and the rail hard to insert.

- 1 Determine the desired rail mounting heights. Rails can be positioned at any height but, standard mounting heights for the (2) rail system are 42" and 21" from the floor to the top of the rails.
- 2 Position the rail guide in the desired location on the column paying attention to the orientation with the base plate. Drive (1) 3/16" x 1.5" self-drilling screw through the top hole in the rail guide and into the column.
- 3 Position the rail clip as shown in Figure 2. Attach the rail clip to the column in the same manner using (2) self- drilling screws through the holes provided in the rail guide.
- 4 Repeat this process for additional rail guides. It may be necessary to use a straight edge to insure the rail guides are positioned directly above one another on a column.



ENSURE ALL SELF-DRILLING SCREWS ARE PLANAR.

Figure 2

ATTACHMENT OF THE RAIL GUIDES TO THE COLUMNS (43")

- 1 Position the rail guide in the desired location on the column paying attention to the orientation with the base plate.
- 2 Drive (1) 3/16" x 1.5" self-drilling screw through the top or second hole in the rail guide and into the column.
- 3 Drive a second screw into the column through a hole in the rail guide near the bottom of the column.
- 4 Attach the rail clip to the column at the desired location using (2) self-drilling screws.

NOTICE

Over-tightening the screws may make the rail guide too tight and the rail hard to insert. Repeat this process for other columns, or to attach more than one guide to a column for corners or linear runs.

ATTACHMENT OF RAILS TO THE COLUMNS

- 1 Position the columns so that the spacing captures the rail snugly. For rails that are not cut, this will provide a center-line spacing of 10' for the columns.
- 2 Set the rail onto the rail clips extending from the column. Drive (2) 1/4" x 1.25 lag screws up through the rail clip and into the bottom of the plastic rail. Be careful not to over-tighten and strip out the screw holes.
- 3 For installations where removable rails are necessary, the rail can be set on the rail clip and not screwed in place. There will be some loss of force that the rails will support because the screws are not helping to strengthen the rail.

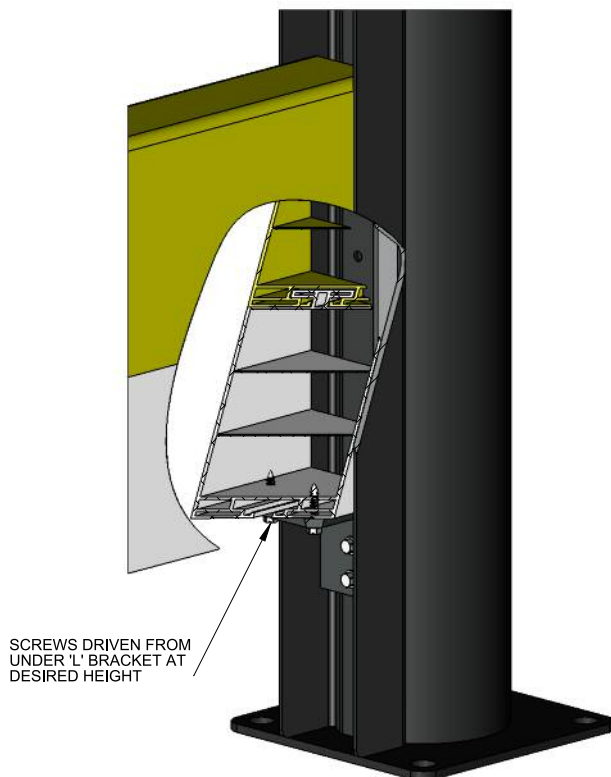


Figure 3

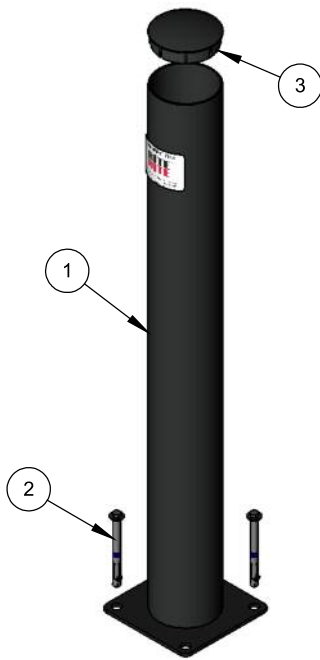
ANCHORING

Anchor the columns to the floor with the (2) ½" x 5.25" concrete anchors that are provided. If possible, mount them on opposite corners of the base plate. More anchors may be used if required by the application. It may be helpful to use a laser level or chalk-line to insure long runs are straight.

INSTALLATION OF COLUMN CAP

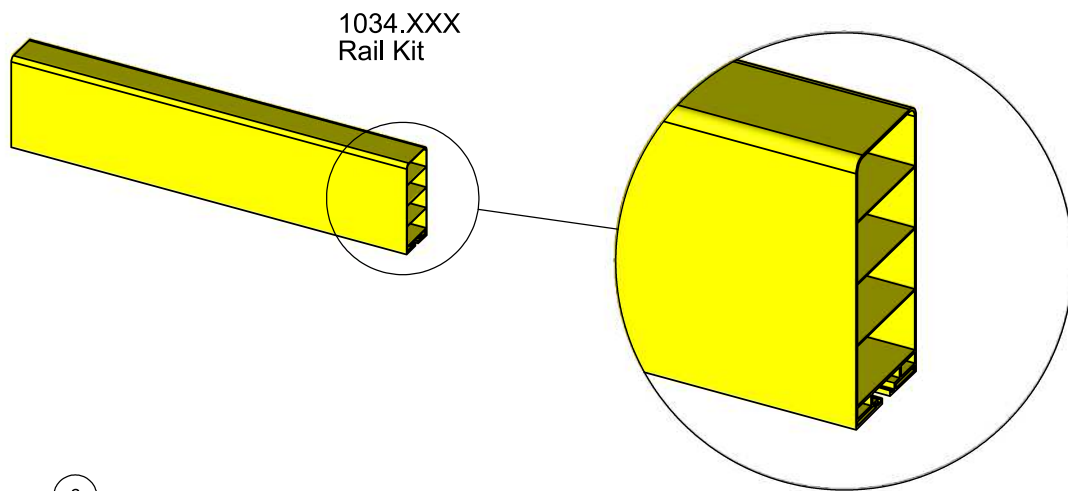
Press the plastic cap provided into the top of the column.

PARTS

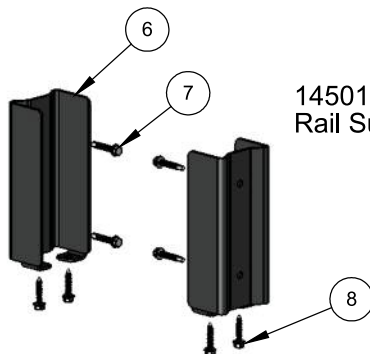


65650029
43" Post Kit

| ITEM | QTY | DESCRIPTION |
|------|-----|-------------------------------|
| 1 | 1 | POST,WLDMNT,5"DIA,BARRIER,BK |
| 2 | 2 | ANCHOR,CONCRETE,1/2X5-3/4,ZNC |
| 3 | 1 | CAP,POST,ROUND,BARRIER,BK |
| 4 | 1 | LABEL,BARRIER,GR,FLEX |



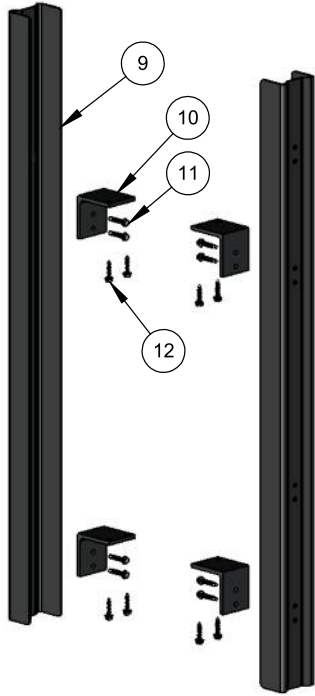
1034.XXX
Rail Kit



14501286
Rail Support 7" (1PR) - includes mounting hardware

| ITEM | QTY | DESCRIPTION |
|------|-----|----------------------------|
| 6 | 2 | BRKT,RAIL,GUARDRITE,LD,BK |
| 7 | 4 | SCR,HWH,DR/TP,1/4-14X1-1/2 |
| 8 | 4 | SCR,HWHSMS,#14X1-1/4,ZNC |

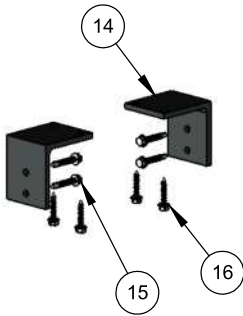
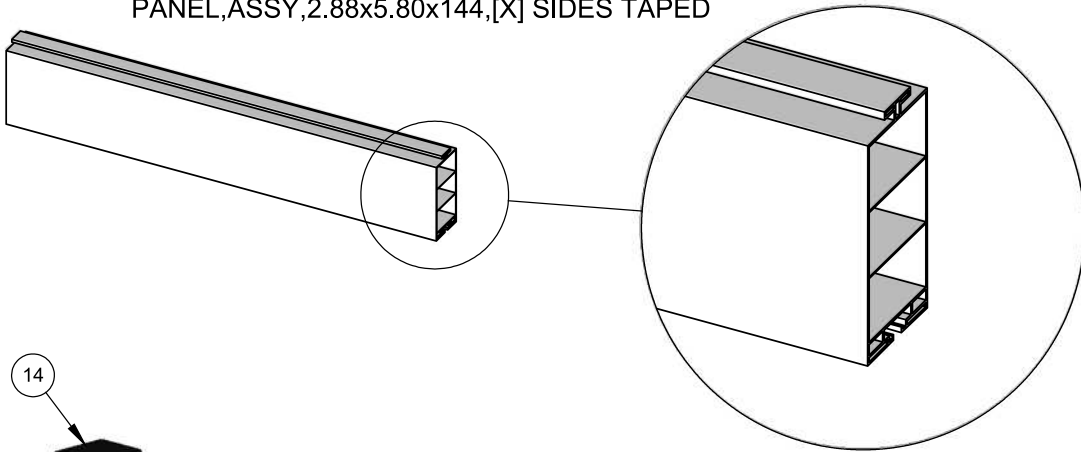
PARTS



14501288
Rail Support Kit 43" (1PR) - includes mounting hardware

| ITEM | QTY | DESCRIPTION |
|------|-----|--------------------------------|
| 9 | 2 | BRKT,PANEL,CHANNEL,GRDRT,LD,BK |
| 10 | 4 | BRKT,PANEL,'L',GUARDRITE,LD,BK |
| 11 | 8 | SCR,HWH,DR/TP,1/4-14X1-1/2 |
| 12 | 8 | SCR,HWHSMS,#14X1-1/4,ZNC |

1033.XXX
PANEL,ASSY,2.88x5.80x144,[X] SIDES TAPED



53760027
KIT,BRKT,W/HRDWR,L,GRDRT,FX

| ITEM | QTY | DESCRIPTION |
|------|-----|--------------------------------|
| 14 | 2 | BRKT,PANEL,'L',GUARDRITE,LD,BK |
| 15 | 4 | SCR,HWH,DR/TP,1/4-14X1-1/2 |
| 16 | 4 | SCR,HWHSMS,#14X1-1/4,ZNC |

NOTES

NOTES

RITE-HITE® WARRANTY

RITE-HITE® warrants that its **GUARDRITE® FLEX**, will be free from defects in design, materials and workmanship for a period of one (1) year parts and one (1) year labor from the date of shipment. All claims for breach of this warranty must be made within thirty (30) days after the defect is or can, with reasonable care, be discovered to be entitled to the benefits of this warranty, the products must have been properly installed, maintained, operated within their rated capacities, and not otherwise abused. Periodic lubrication and adjustment is the sole responsibility of the owner. This warranty is RITE-HITE® exclusive warranty. RITE-HITE® EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. Non-standard RITE-HITE® warranties, if any, must be specified by RITE-HITE in writing.

In the event of any defects covered by this warranty, RITE-HITE® will remedy such defects by repairing or replacing any defective equipment or parts, bearing all of the costs for parts, labor, and transportation. This shall be the exclusive remedy for all claims whether based on contract negligence or strict liability. Neither RITE-HITE®, ANY OTHER MANUFACTURER WHOSE PRODUCTS ARE THE SUBJECT OF THIS TRANSACTION, NOR ANY RITE-HITE® REPRESENTATIVE, SHALL IN ANY EVENT BE LIABLE FOR ANY LOSS OR USE OF ANY EQUIPMENT OR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND WHETHER FOR BREACH OF WARRANTY, NEGLIGENCE, OR STRICT LIABILITY. The application of a manufacturer's specifications to a particular job is the responsibility of the purchaser. RITE-HITE® SHALL NOT IN ANY EVENT BE LIABLE FOR ANY LOSS OF THE USE OF ANY EQUIPMENT OR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.



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