PROLINE INSTALLATION INSTRUCTIONS

PREPARATION

START BY CHECKING THE CONTENTS OF THE PACKAGE TO BE SURE ALL PARTS WERE INCLUDED IN SHIPPING. IF ANYTHING IS DAMAGED OR MISSING, CONTACT THE FACTORY IMMEDIATELY.

MEASURE THE FINISHED OPENING AND COMPARE WITH THE ORDER MEASUREMENTS ON THE SHIPPING CRATE.**

INSPECT THE DOOR JAMB TO VERIFY THAT IT IS PLUMB, SQUARE AND SECURE.

DOOR JAMBS MUST BE A MINIMUM 3" DEEP X 3 1/2" WIDE, WITH NO GAPS, BEFORE BEGINNING INSTALLATION (SEE FIGURE "2-A").

NOTE: PROLINE DOORS MUST BE INSTALLED PLUMB FOR PROPER OPERATION.

**IF THE FRAMED OPENING DOES NOT MEET THE ORDER DIMENSIONS CALL THE FACTORY AT 1−800−543−4455

DRILL BIT SIZES

FOR: 6
FOR 5/16" X 3" LAG SCREWS USE: 1/4" DRILL BIT.
FOR 5/16"−18 HEXHEAD THREAD CUTTING USE: 9/32" DRILL BIT.
FOR CONCRETE ANCHORS USE: 3/8" MASONRY DRILL BIT.

FASTENERS

FOR: 6
FOR STEEL JAMB USE: 5/16"−18 HEXHEAD THREAD CUTTING.
FOR WOOD JAMBS USE: 5/16" X 3" LAG SCREW.
FOR: 2
(CARD) QT. 2/4
FOR STEEL JAMB USE: 5/16"−18 HEXHEAD THREAD CUTTING.
FOR WOOD JAMBS USE: 5/16" X 3" LAG SCREW.
FOR: 2
(CONCRETE) QT. 2
FOR CONCRETE FLOOR USE: 3/8" CONCRETE ANCHOR.

STEP 1. MARKING AND DRILLING JAMB FOR HARDWARE.

NOTE: PROCEED ONLY AFTER COMPLETING THE "PREPARATION" SECTION AT LEFT.


PLACE JAMBS GUARD 3 IN THE LOWER CORNER OF THE SAME JAMB.
DROP A PLUMB BOB FROM CENTERLINE OF HEADER AND JAMB TO THE JAMBS GUARD 3 (SEE FIGURE 2-B).

AFTER ALIGNING THE CENTERS OF THE HINGE AND JAMBS GUARD, MARK THE HOLES IN THE JAMBS GUARD AND DRILL ACCORDING TO THE "DRILL BIT SIZES" SECTION AT LEFT.

STEP 2. ATTACHING HARDWARE.

ATTACH JAMBS GUARD 3 TO JAMB (WITH BASE TOWARD THE FLOOR) USING SINGLE FASTENER. LEAVE FASTENER APPROX. 1/4" FROM BEING TIGHT. DO NOT TIGHTEN AT THIS TIME (SEE FIGURE "2-C").

TILT THE JAMBS GUARD 3 TO APPROXIMATELY A 30° ANGLE. THIS WILL ALLOW YOU TO INSERT THE LOWER HINGE SHAFT 2 INTO THE JAMBS GUARD 3 WITHOUT INTERFERENCE FROM THE HEADER (SEE FIGURE "2-C"). LIFT THE DOOR AND SLIDE THE LOWER HINGE SHAFT 2 INTO THE JAMBS GUARD 3 (SEE FIGURE "2-C").

PLACE HINGE 4 OVER UPPER HINGE SHAFT 1, THEN PLACE BEARING CLAMP 5 OVER THE SAME HINGE SHAFT 1, DO NOT TIGHTEN AT THIS TIME, (SEE FIGURE "1-A").

STAND DOOR UPRIGHT IN JAMB, LINE UP THE CENTER OF HINGE 4 WITH THE CENTERLINE OF JAMB, HEADER AND JAMBS GUARD 3.

INSERT THE REMAINING FASTENERS INTO THE HINGE 4 AND JAMBS GUARD 3 THEN TIGHTEN.

STEP 3. HANGING DOOR.

PLACE THE SUPPLIED WOOD BLOCK 7 UNDER THE DOOR AND ON TOP OF THE JAMBS GUARD AS A TEMPORARY SHIM, (SEE FIGURE "3-A" [PAGE 2]).

NOTE: THE TOP OF THE BEARING CLAMP 5 SHOULD NOT BE ABOVE THE TOP OF THE UPPER HINGE SHAFT 1. IF IT IS YOU MUST ADJUST THE DOOR UP WITH ADDITIONAL SHIMS BEFORE SECURING.

SEAT THE BEARING CLAMP 5 ON THE UPPER HINGE SHAFT 1 WITH THE BEARING AT THE LOWEST POSSIBLE POINT ON THE BEARING RACE, (SEE FIGURE "3-B" [PAGE 2]).

IMPORTANT: LINE UP THE CENTERLINE OF THE DOOR WITH THE CENTERLINE OF THE JAMBS HEADER (SEE FIGURE "4-A" [PAGE 2]).
STEP 4. SWING ADJUSTMENT.

AFTER LINING UP THE CENTERLINE OF THE DOOR WITH THE CENTERLINE OF THE JAMB AND HEADER, ALTERNATING FROM ONE CAP SCREW TO THE OTHER, TIGHTEN THE TWO SOCKET HOLE CAP SCREWS IN THE BEARING CLAMP AS TIGHT AS POSSIBLE USING THE SUPPLIED 3/16" ALLEN WRENCH (SEE FIGURE "3-A").

IMPORTANT: MAKE ALL ADJUSTMENTS AND TEST DOOR FOR PROPER SWING BEFORE CONTINUING TO NEXT STEP!


USING A 3/8" BOX END OR SOCKET AND RATCHET, ATTACH AND TIGHTEN THE SHAFT SECURING BOLT (SEE FIGURE "5-A"). THE DOOR IS NOW PERMANENTLY SET IN THE ADJUSTED POSITION.

STEP 5. FINISH WORK.

BEFORE INSTALLING THE HINGE COVER, LUBRICATE HINGE SHAFTS AT TOP AND BOTTOM WITH SILICONE SPRAY OR SIMILAR LIGHT WEIGHT OIL (SEE "CARE AND MAINTENANCE" SECTION BELOW).

ATTACH THE HINGE COVER USING THE SUPPLIED 1/2" STAINLESS MACHINE SCREWS (SEE FIGURE "4-A").

INSTALL THE HEADER GASKET ALONG THE CENTERLINE OF THE DOOR JAMB HEADER USING THE SUPPLIED 1" SHEET METAL SCREWS (SEE FIGURE "5-B").

REMOVE THE PROTECTIVE COATINGS FROM THE WINDOWS AND OTHER PROTECTED SURFACES, THEN CLEAN THE ENTIRE DOOR AND JAMB FOR A NEW APPEARANCE.


CARE AND MAINTENANCE

WASH DOOR(S) WITH MILD DETERGENTS AND WATER. DO NOT USE ACETONES, CHLORINATED SOLVENTS, OR OTHER CHEMICALS OF THIS TYPE.

LUBRICATE UPPER AND LOWER HINGE SHAFTS AND CAM ROLLER AREA EVERY 30 DAYS WITH SILICONE SPRAY, OR SIMILAR LIGHTWEIGHT OIL.

TROUBLESHOOTING GUIDE

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<td>DOOR IS NOT RETURNING TO CENTER</td>
<td>2, 3, 4, 5, 8</td>
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<td>DOOR WILL NOT OPEN COMPLETELY</td>
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<td>DOOR CLOSES EXTREMELY SLOW</td>
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<thead>
<tr>
<th>CHECK POINT NUMBERS</th>
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<th>POSSIBLE SOLUTION</th>
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<tbody>
<tr>
<td>1) HINGES NOT INSTALLED PLUMB</td>
<td></td>
<td>REFER TO INSTRUCTIONS</td>
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<tr>
<td>2) BEARING CLAMP NOT TIGHTENED PROPERLY</td>
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<td>3) BEARING CLAMP NOT SEATED ON LOWEST POINT OF BEARING RACE</td>
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<td>4) DOOR INSTALLED TOO LOW AND TOPS ON FLOOR</td>
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<td>5) BEARING CLAMP AND DOOR NOT ALIGNED WITH CENTER OF JAMB</td>
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<td>6) DOOR INSTALLED TOO HIGH AND TOP EDGE HITS JAMB HEADER</td>
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<tr>
<td>7) HINGE INSTALLED TOO LOW AND TOP OF HINGE SHAFT HITS INSIDE TOP OF CASTING</td>
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<td>STEP 2</td>
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<tr>
<td>8) AIR FLOW AFFECTS CLOSING. SPRING ASSIST OPTION MAY BE NEEDED</td>
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ASK FOR INFORMATION ON THESE OTHER QUALITY PRODUCTS FROM

TRAFFIC DOORS
- Durulite® Insulated Impact Traffic Doors
- Proline™ Impact Traffic Doors
- Airgard® Flexible Doors
- Saino Fire & Service Doors
- Pharmaceutical Doors
- Corrosion-Resistant Doors

STRIP DOORS
Chase Doors offers the largest variety of vinyl strip products in the country.
- Standard and USDA approved formulation
- 4" to 48" widths
- Loc-Rib for exterior/forklift applications
- Color-View (black, blue)
- Amber-Weld material
- Safety orange material