

1. Assembly Preparation - Visually inspect sections for damage.

Assembly Kit Includes:

Sealing strips, anchors (with cables), lag bolts, washers, cable locks, installation sheet.

Tools/Supplies Required:

Leather work gloves, battery operated handheld drill, 1/2" (13mm) drill bit, pliers, vise grip (2), 7/16" (11mm) & 1/2" (13mm) socket & wrench or impact driver, electric powered hammer (with 3/4" (19mm) sleeve bit), anchor driving rod (1/2" (13mm) x 32" (813mm) rod).

**PLEASE REFER TO TECHNICAL MANUAL FOR COMPREHENSIVE INSTALLATION INSTRUCTIONS.
READ ALL INSTRUCTIONS THOROUGHLY BEFORE STARTING.**

ALWAYS DO WORK SAFELY. ENSURE THAT THE PROPER SAFETY EQUIPMENT IS USED, TO INCLUDE STEEL-TOED SAFETY SHOES, SAFETY GLASSES, HARD HATS AND GLOVES.

2. Assembly

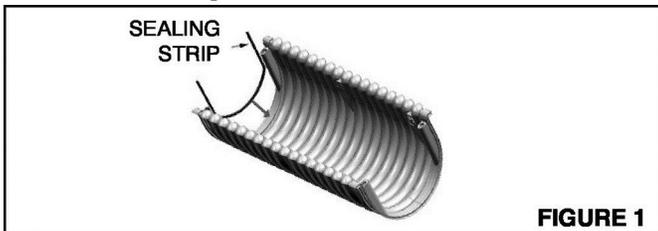


FIGURE 1

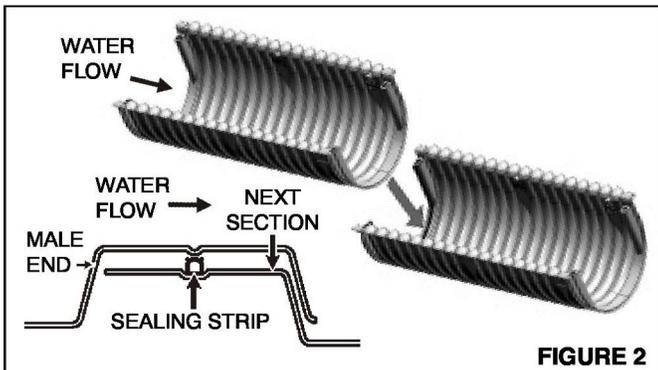


FIGURE 2

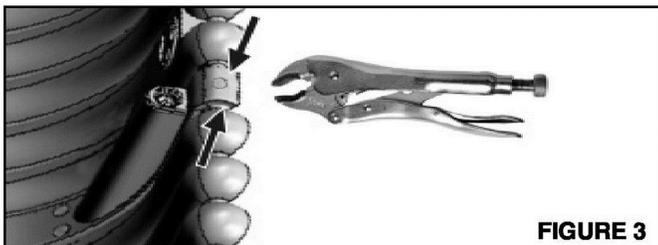


FIGURE 3

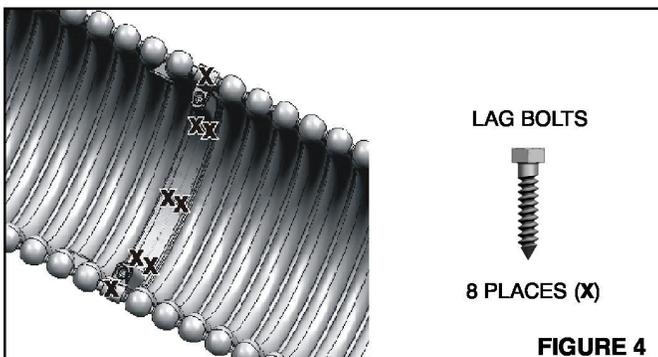


FIGURE 4

STEP 1

Place SmartDitch® sections end-to-end along the water diversion area. Ensure that the water diversion area is free of tripping hazards and is level for connecting the ditch sections.

STEP 2 (FIGURE #1)

Install sealing strip inside the channel groove (female end).

**NOTE: 58" (1473 mm) Sealing strip for 36" (914mm) ditch.
39" (991 mm) Sealing strip for 24" (610 mm) ditch.**

STEP 3 (FIGURE #2)

Nest the sections by placing the male end with the "No Swimming" logo over the stacking column of the section without the "No Swimming" logo.

STEP 4

Once parts are nested, place one Vise Grip on each side of nested area and clamp to secure for installation of screws.

STEP 5

Install lag bolts through both nested sections at the dimples visible on the top side of the male section. (8 screws per connection.)

NOTE: Visually inspect backside of connected sections to ensure that bolts have pushed through and secured overlapped sections.

STEP 6

Place connected sections onto the SmartDitch® saddles. Saddles should be placed at the joint area.

STEP 7 (FIGURE #5)

Drill 1/2" (13mm) holes through each side of the SmartDitch® saddle.

STEP 8 (FIGURE #5)

Drive cable anchor into ground at desired location close to the previously drilled hole.

Pull up on cable to engage anchor horizontally. The installer should feel the anchor rotate and then no more motion will be present. This ensures the anchor head is properly set.

STEP 9

Thread loose end of cable anchor up through 1/2" (13mm) holes drilled in the SmartDitch® saddle.

STEP 10

Slide the washer over the cable and on to saddle base. Thread the cable through the cable lock. Slide the cable lock down snugly against the washer on the saddle base.

STEP 11

Use pliers to grip cable lock body. Firmly tighten the cable lock by engaging the set screw. Make sure the SmartDitch® saddle is secured and motion is limited. Trim excess cable.

STEP 12

Repeat process to all SmartDitch® saddles. Cut/trim excess cable leaving 2" (51 mm) to 4" (102 mm) above the cable lock.

