

LIGHT RAY INVERSION - INSTALLATION SHEET

Date: _____ Technicians: _____
 Project Address: _____
 Pipe Material Type: _____ Pipe Diameter: _____ Water Infiltration? Yes No90°
 Connections: _____ 45° Connections: _____
 Inversion Pressure: _____ Holding (Curing) Pressure: _____
 Amperage Reading at Start of Cure _____ Length of Pipe-To-Be-Lined = _____ Ft _____ In

LINER MATERIAL NEEDS

STANDARD INSTALLATION

Pipe-To-Be-Lined = _____ Ft _____ In
 (Variable) Intro Length + _____ Ft _____ In
 Inches for Cuff + 0 Ft 4 In
 Total Repair Length = _____ Ft _____ In

****Increase length by 2% for pullback****

1. Convert Total Repair length to inches: _____ In
2. Multiply total repair length by 1.02

Total liner length = _____ In

Pull Back Excess Required:

(Only necessary if upsizing from 3" liner to 4" pipe or 4" liner in 6" pipe)

****Increase length by 24.5% if upsizing****

1. Convert Total Repair length to inches: _____ In
2. Multiply total repair length by 1.245

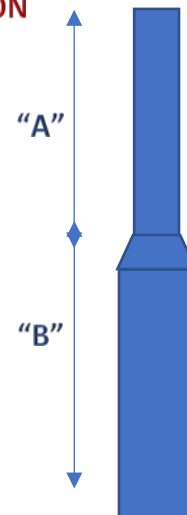
Total liner length = _____ In

TRANSITION INSTALLATION

Pipe-To-Be-Lined (A) = _____ Ft _____ In
 (Variable) Intro Length + _____ Ft _____ In
 Inches for Cuff + 0 Ft 4 In
 Total Repair Length = _____ Ft _____ In
 Convert to Inches = _____ In
 Multiply by 1.02 = _____ In

Pipe-To-Be-Lined (B) = _____ Ft _____ In
 (Variable) Intro Length + _____ Ft _____ In
 Inches for Cuff + 0 Ft 4 In
 Total Repair Length = _____ Ft _____ In
 Convert to Inches = _____ In
 Multiply by 1.245 = _____ In

Total liner length = _____ In



Calibration Tube Needed:

****DO NOT APPLY STRETCH TO****
CALIBRTATION TUBE.

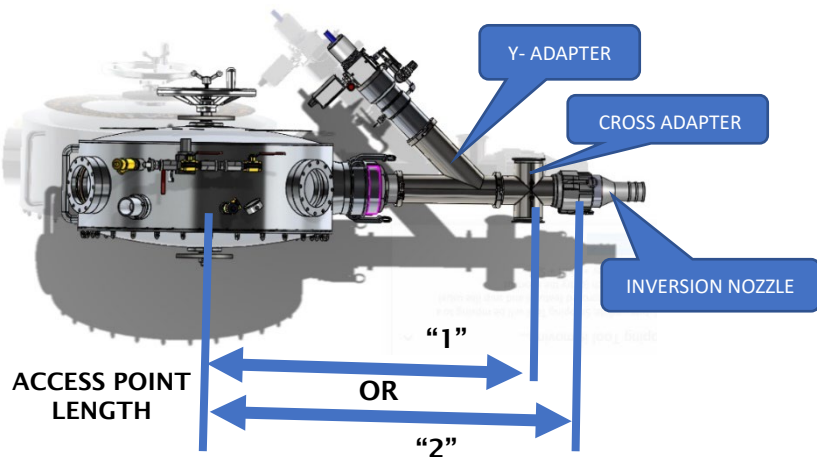


Total Repair length = _____ Ft _____ In
 Five feet for Double Containment + 5 Ft 0 In
 Total Calibration Tube Length = _____ Ft _____ In

Pull Tape Needed: Cut to align with light train access point when fully extended

CRITICAL NOTE

- Two versions of adapter kits exist for the LRI
- If supplied with cross adapter, access point length may be selected to be either "1" or "2" as shown in sketch
 - If supplied with a unit where inversion nozzle attaches directly to Y-adapter, access point length must be "2"



Access Point Length = _____ Ft _____ In
 Slack Length = 0 Ft 6 In
 Total Pull Tape Length = _____ Ft _____ In

Introductory Tube

*****Cut an additional piece of calibration tube based on the Intro length + 8 inches to act as an Introductory Tube*** = _____ Ft _____ In**

Liner Roll ID _____ Calibration Tube Roll ID _____
 Weather: _____ Temperature: _____ Start Cure Time: _____ Time Calibration Tube Pulled: _____

