

**LIGHT RAY INVERSION – TEAR AWAY/REMOTE START – INSTALLATION SHEET**

Install Date: \_\_\_\_\_ PLI Certified Technicians: \_\_\_\_\_

Project Address: \_\_\_\_\_

Temperature: \_\_\_\_\_ Weather Conditions: \_\_\_\_\_

Pipe Material Type: \_\_\_\_\_ Pipe Diameter: \_\_\_\_\_ Water Infiltration? Yes No

90° Connections: \_\_\_\_\_ 45° Connections: \_\_\_\_\_ Total Bends: \_\_\_\_\_

Transitions: \_\_\_\_\_ Length of Pipe-To-Be-Lined = \_\_\_\_\_ Ft \_\_\_\_\_ In



Length of Stack (P1): \_\_\_\_\_ ft. \_\_\_\_\_ in.

Length of Pipe to be Lined (P2): \_\_\_\_\_ ft. \_\_\_\_\_ in.

**Total Liner Materials Needed**

**Standard Installation**

Increase length by 2% for pullback  
Convert Length of Pipe to be Lined (P2) to inches. Then multiply by 1.02 for total repair length of liner.

P2 length \_\_\_\_\_ in x 1.02

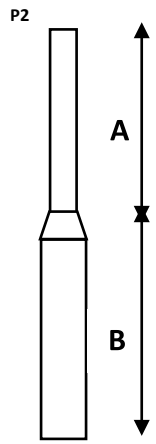
Total Length of Liner = \_\_\_\_\_ in.

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

In the larger diameter only of the transition, increase length by 24.5% for pullback  
Convert Length of Pipe to be Lined (P2) to inches. Then multiply size on size diameter length (A) by 1.02 and the larger diameter length (B) by 1.245. Add values for total length of liner.

(A length \_\_\_\_\_ in x 1.02) + (B length \_\_\_\_\_ in x 1.245)

Total Length of Liner = \_\_\_\_\_ in.



**Calibration Tube**

Cuff: \_\_\_\_\_ 0 ft. 4 in.

Variable Intro: \_\_\_\_\_ ft. \_\_\_\_\_ in.

Length of Stack (P1): \_\_\_\_\_ ft. \_\_\_\_\_ in.

Length of Pipe to be Lined (P2): \_\_\_\_\_ ft. \_\_\_\_\_ in.

Double Containment: \_\_\_\_\_ 5 ft. 0 in.

Total Calibration Tube Needed: \_\_\_\_\_ ft. \_\_\_\_\_ in.



**Lead In Calibration Tube Materials Needed**

Length of Stack (P1): \_\_\_\_\_ ft. \_\_\_\_\_ in.  
 Glue: \_\_\_\_\_ 0 ft. 2 in.  
 Variable Intro: \_\_\_\_\_ ft. \_\_\_\_\_ in.  
 Cuff: \_\_\_\_\_ 0 ft. 4 in.  
 Additional Calibration Tube: \_\_\_\_\_ 1 ft. 0 in.  
 Total Length Calibration Tube Needed: \_\_\_\_\_ ft. \_\_\_\_\_ in.

**Intro Materials Needed**

Cut an additional piece of calibration tube based on the intro length + 8in. to act as an Introductory Tube.

Intro Length: \_\_\_\_\_ ft. \_\_\_\_\_ in.  
 Additional 8in.: \_\_\_\_\_ 0 ft. 8 in.  
 Total Intro Materials Needed: \_\_\_\_\_ ft. \_\_\_\_\_ in.

Liner Size: \_\_\_\_\_ Liner Serial Number: \_\_\_\_\_  
 Calibration Tube Size: \_\_\_\_\_ Calibration Tube Serial Number: \_\_\_\_\_  
 Inversion Pressure: \_\_\_\_\_ Holding (Curing) Pressure: \_\_\_\_\_  
 Amperage Reading at Start of Cure: \_\_\_\_\_  
 Start Cure Time: \_\_\_\_\_ End Cure Time: \_\_\_\_\_  
 Time Calibration Tube Pulled: \_\_\_\_\_

**\*\*Not Recommended to transition from larger diameter to smaller diameter when performing remote start\*\***

**Tear Away Method Diagrams**

