



SERVICE READY KIT

COMPLETE UTILITY LOCATING SYSTEM™

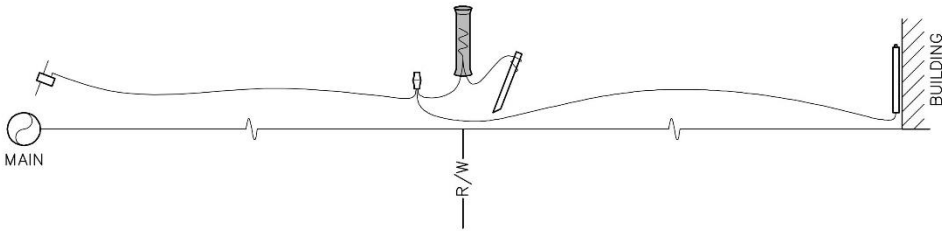
APPLICATION

Kit contains all components necessary to install the Complete Utility Locating System™ for service laterals, ensuring accurate detection of underground utility assets from the mainline to the edge of right-of-way and to a building.

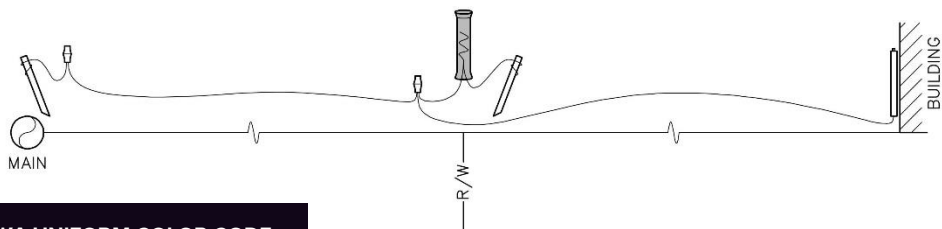


INSTALLATION DIAGRAMS

Mainline with Tracer Wire



Mainline without Tracer Wire



APWA UNIFORM COLOR CODE

	ELECTRIC
	GAS
	COMMUNICATION
	POTABLE WATER
	SEWER
	RECLAIMED WATER

SRK-*01 – Service Ready Kit
(* denotes color)

KIT CONTENTS:

- (100') 12-AWG SuperFlex™ Tracer Wire
- (1) Mainline-to-Service Connector
- (2) 12-AWG SnakeBite™ Locking Connectors
- (2) 12-AWG Ground Rods
- (1) SnakePit® Lite Duty Access Point with Two-terminal Switchable Lid
- (1) SnakeSkin™ Access Point with Mounting Bracket
- Installation Instructions

FEATURES AND BENEFITS

- Grab-and-go kit makes stocking and supply more efficient
- Connects to existing and future mainline tracer wire
- One part number to streamline ordering
- Kit components cover installation for public and/or private services
- High-quality system components ensure strong signal strength and accurate utility detection
- Easy-to-follow installation instructions included with every kit
- Color-coded to meet American Public Works (APWA) standards



INSTALLATION INSTRUCTIONS

MAINLINE-TO-SERVICE CONNECTOR

Use to connect service lateral tracer wire to mainline tracer wire.

1. Strip mainline and service tracer wires 1/8"
2. Place mainline tracer wire into open throat A
3. Tighten set screw until contact is made with wire; after contact is made, tighten set screw 1/4 turn
4. Place service tracer wire into hole B
5. Tighten set screw until contact is made with wire; after contact is made, tighten set screw 1/4 turn
6. Remove sealant cover and discard
7. Close housing, aligning conductors until housing lid is fully latched
8. Wipe excess sealant around wires

Do not reuse.



SNAKEBITE™ LOCKING CONNECTOR

Use to connect up to three wires.

1. DO NOT strip jacket from wire
2. Connector is gauge specific; Verify wire gauge matches connector gauge
3. Insert wires into holes fully so they are visible in the clear cap
4. Twist connector closed until locked

To assist with strain relief, twist wires together approximately 8" from the connector.

Do not pull on wires after connection is made.



GROUND ROD

Use to ground tracer wire.

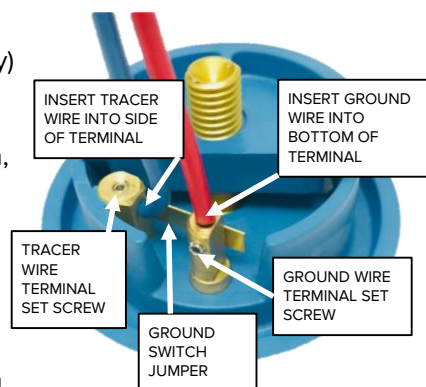
1. Drive into virgin soil at designated location (see Installation Diagrams) at same depth as utility
2. Strip 1/2" of insulation from end of red ground wire
3. Connect stripped end of ground wire to SnakePit® Lite Duty Access Point or SnakeBite™ Locking Connector



SNAKEPIT® LITE DUTY ACCESS POINT (WITH TWO-TERMINAL SWITCHABLE LID)

Use to protect and terminate tracer wire and ground wire at edge of right-of-way. Provides direct connection point for utility locate transmitter and ground rod.

1. Using a pentagon wrench, loosen pentagon head bolt and remove lid; set aside
2. Remove anti-corrosion gel pack and Allen wrench from base; set aside
3. Strip ends of tracer wire and ground rod wire 3/8" (tracer wire and ground rod sold separately)
4. Put 90° bend on stripped tracer wire end
5. Wrap a minimum of 1 foot of tracer wire and ground rod wire around outside of base to form spring-line shape; Remove wires from outside of base and guide inside the base from bottom, up
6. Apply anti-corrosion gel to stripped wires, terminals, and Ground Switch Jumper
7. Use 1/16 Allen wrench to slightly loosen Tracer Wire Terminal Set Screw; Insert stripped and gelled tracer wire into hole on side of Tracer Wire Terminal; Tighten Set Screw until firm contact is made with wire
8. Use 1/16 Allen wrench to slightly loosen Ground Wire Terminal Set Screw; Insert stripped and gelled ground wire into hole on bottom of Ground Wire Terminal; Tighten Set Screw until firm contact is made with wire
9. Replace lid; Tighten pentagon head bolt to secure lid to base
10. Ensure Ground Switch is turned completely to 'ON'
11. Bury SnakePit® Access Point at ground level, leaving lid exposed



SNAKESKIN™ ACCESS POINT

Use to protect and terminate tracer wire at building. Provides direct connection point for utility locate transmitter.

1. Strip tracer wire 3/4"
2. Slide tracer wire into poly tube
3. Slightly back out set screw from insert
4. Push stripped wire fully into aluminum insert
5. Use 1/16" Allen wrench; firmly tighten set screw on tracer wire

