

# What To Know Before You Rent

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## **FULLY ENGAGE ALL THREADED PARTS**

- You must fully engage all threads on Compression Points and Extension Shafts to avoid damaging the tool while driving it through the substrate.
- You will be liable for any damage caused by not fully engaging all threads on Compression Points and Extension Shafts.

## **KNOW YOUR SOIL CONDITION**

- Using a powerful pneumatic or electric driver such as a jackhammer in extreme soil conditions; such as soil compaction great than 95%; soil with very extreme or massive obstacles; or both, can stress the tool to the point of failure.
- Please use common sense and take great care to ensure that your soil does have some compression capability and that soil debris or obstacles are not of an extreme nature.
- In conditions where soil has little or no compaction you must make sure that you drive the tool far enough below the hardscape to avoiding cracking it.

## **KNOW YOUR PARTS**

- Be sure to understand the proper tool configuration and use of driving device for your particular application.
- If you're renting a Pro Pak Accessory Case, be sure to understand each piece in the kit and how to use it. (Refer to Pro Pak Case Layout sheet.)

## **KNOW YOUR SAFETY PRECAUTION**

- Read and follow all safety precautions before using the tool system and driving devices.

## **CLEAN TOOL BEFORE RETURNING**

- Please clean debris from tool surface and threaded parts before returning tool.

# Bullet Mole Instructions



**ALWAYS SCREW IN ALL  
PARTS ALL THE WAY**

## Fast Start Installation

### Step 1 – Prepare Entrance and Exit Trenches:

- The entrance must be 2 ft to 3 ft longer than the longest assembled shaft being used.
- Trench depth varies with application (Typ. 12" to 18"). *Trench Bottom must be level.*
- Size exit trench as needed.

### Step 1a – Prepare Pipe & Tool (*Only when installing pipe while driving the tool*)

- Cut pipe to desired length, but no greater than the inside dimension of the shaft being used.
- Slide pipe onto the shaft and attach the compression point and the impact cap.

### Step 2 – Drive Tool

- Place the assembled tool 4" to 6" from the bottom of trench using the sled guide or other support.
- Once in place, drive the tool using a sledge-hammer or other driving device.

### Step 3 – Remove Tool from the Pipe:

- After penetrating into the exit trench, unscrew the point and slide the shaft back out leaving the pipe in place.
- Complete your installation and backfill the trenches.

## Additional Steps for Driveways

### Step 4 Add extensions:

- Once the full length of the first shaft is driven into the ground, add an extension shaft to continue the installation.
- Continue driving the tool and adding the required extensions to span the required distance.

### OPTION #1 - USING PULL CONNECTOR PULL, PIPE AFTER DRIVING THE TOOL

Once the tool exits out the other side, remove the point,

- Once the tool exits out the other side remove the point,
- Assemble the pipe to be installed across the entire distance of span.
- Attach the proper pull connector 1¼" pipe, use a 1" Plus Compression Point

Attach the pipe and pull back:

- Attach the fully assembled pipe to the pull connector and pull the entire length back through the hole.
- Remove each extension one by one as you pull the pipe back.
- Once the pipe is in place, complete the connections on each end before backfilling trenches.

### OPTION #2 - INSTALLING PIPE WHILE DRIVING THE TOOL ADD PIPE LENGTH WITH EXTENSIONS

**RECOMMENDATION** - Drive 1¼" & 2" pipe with greater ease by connecting length as you go.

1. Use 1" Plus (for 1¼" or 1½" pipe) and 1" Impact Cap or 2" Compression Point and Impact Cap (for 2" pipe).
2. After driving the first pipe:
  - Remove the impact cap,
  - Attach an extension shaft with the next pre-cut pipe section and PVC coupling.
  - With a suitable PVC connector, make the connection to the previous pipe.
  - Replace Impact Cap and continue driving the next section of pipe.
  - Repeat as required.