

POWER EQUIPMENT TOOLS



DRIVE SHANKS & DRIVE ADAPTORS

Available for many power hammer brands. Consult SAFE-HIT® Customer Service to select the correct part for your tool. Use with SH-6 drive cap.

SH-8 PILOT HOLE TOOL

The self-clearing pilot hole tool is used with power equipment. A pilot hole will help anchors drive easier in compacted or adverse soils. The SH-8 requires an appropriate drive shank or drive adaptor for your power tool 26" overall length.



SH-6 DRIVE CAP

Drive cap contacts the top of the Soil Anchor and requires the appropriate drive shank or drive adaptor for your power tool.

SH-9 SLEEVE

Replacement Sleeve for SH-8.

MAINTENANCE KIT & TOOLS

Model SH-51 MT Post Cutting Tool

Post cutting tools aid in the removal of severely damaged posts from soil anchors. (Includes one spare blade)

Model SH-50 MK Maintenance Kit

1 SH-51 MT Post Cutting Tool
1 Replacement Tool Blade
1 Adjustable Hacksaw
1 Locking Pliers



SH-52 MB

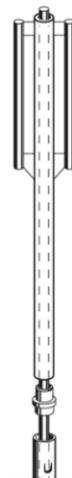
Package of 5 Replacement Blades

MANUAL ANCHOR PLACEMENT TOOL

SAFE-HIT Model SH-30-6 Manual Placement Tool includes a SH-6 Drive Tool, to assure maintaining the correct inside diameter and shape of the installed soil anchor.

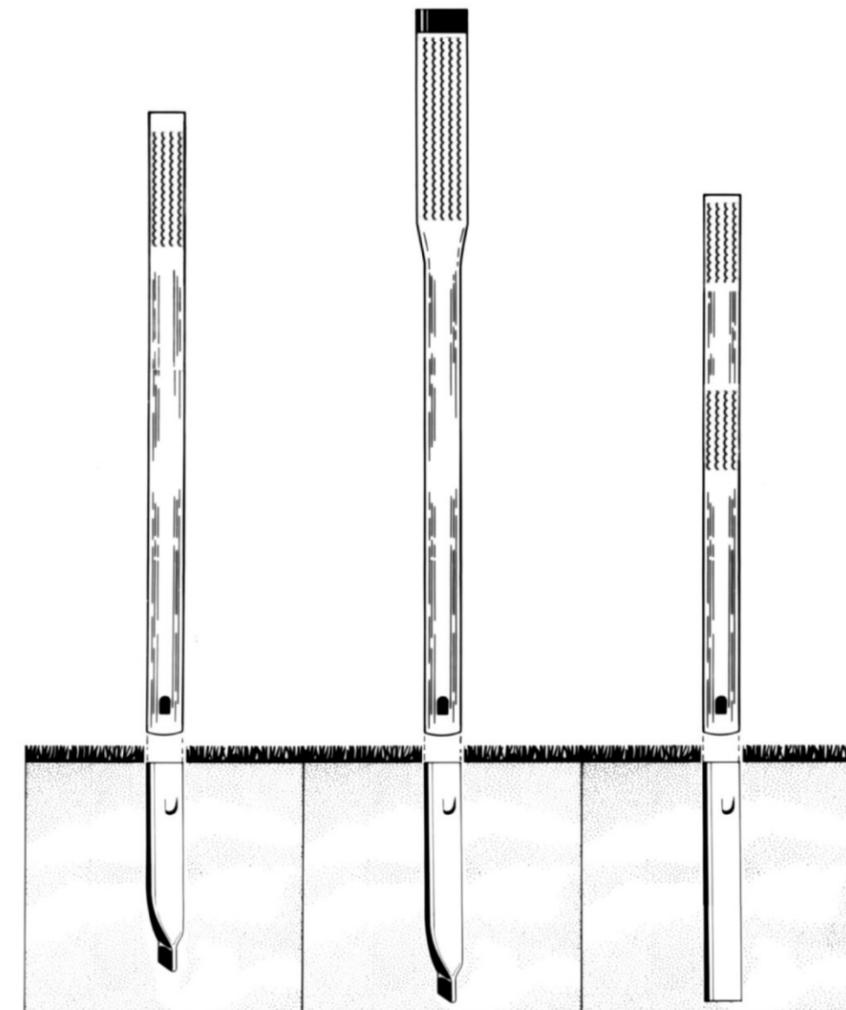
Model SH-30-6

A SH-6 Drive Tool is welded to a drive piston shaft, which slides within the handle-drive section of the SH-30-6. Driving action is upon impact with the handle-drive section. "Lift-Drop" stroke range exceeds 30". "Lift-Drop" weight is approximately 33 lbs. from a height of 58".



SOIL ANCHOR POSTS

- ASSEMBLY
- REPLACEMENT
- MAINTENANCE

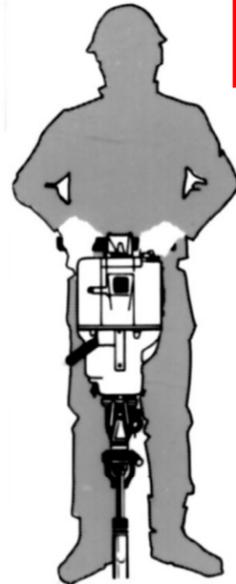




SOIL ANCHOR & POST PLACEMENT

SAFE-HIT® soil anchors can be used with the complete line of channelizers, delineators, markers and sign posts. Soil anchors can be placed utilizing power equipment in conjunction with SAFE-HIT® drive tool accessories or the SAFE-HIT® Manual Anchor drive tool.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO MAINTAIN A SAFE WORK AREA INCLUDING THE USE OF STANDARD WORK ZONE SAFETY EQUIPMENT & PPE: GLOVES, SAFETY-TOE SHOES, EYE & EAR PROTECTION



ANCHOR PLACEMENT USING POWER TOOLS

The following information is important to the longevity of Drive Shanks & Drive Adaptors as well as keeping the tops of all anchors from deforming during placement.

1. SAFE-HIT® Drive Shanks & Drive Adaptors are to be used only with the appropriate power equipment. All piston or cylinder type hammers have a receiver portion under the piston with specific dimensions. Only drive adaptors designed for a selected power hammer can be used. A sloppy fit will usually result in the destruction of SAFE-HIT® Drive Shanks & Drive Adaptors.
2. Never put a side load on the power hammer when re-plumbing an anchor while it is in operation. When necessary, it is permissible to pry sideways slightly for straightening after stopping the pounding action of the power hammer.
3. Hold the anchor in a vertical position with boot or hand before engaging again. Avoid angle or horizontal impacts for the purpose of re-plumbing the anchor.



Caution: Keep hands and feet clear from under an active power hammer.

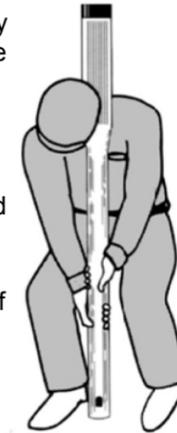
4. Keep the anchor vertically plumb when driving it into the ground to ensure vertical placement.
5. Always use the SAFE-HIT® SH-6 drive cap with the drive groove contacting the top of the anchor.
6. Position anchor so that the locking tabs are perpendicular to the flow of traffic.
7. Drive the anchor until it is 1/2" below the surface to assure that flexible post will perform as tested.
8. Compacted soil conditions can make anchor placement difficult. Use the SH-8 pilot hole tool to make anchor placement easier. Drive the pilot hole tool to a depth of 2" less than the anchor length. Remove the pilot hole tool and then drive the anchor until the top is 1/2" below the surface.

POST PLACEMENT

1. Position the "O" ring on the post over the two window tabs and align the post tab holes with anchor locking tabs.
2. Insert post into anchor past the locking tabs about 4" below ground level. Pull up post to lock in place. The "O" ring must be below the anchor top. If not, remove post, reposition "O" ring and re-install post.

POST REMOVAL

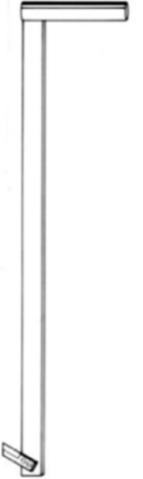
1. Spray post base at anchor with WD-40 or equal lubricant.
2. Grip post firmly about 6" above ground.
3. Push post down 2", turn post 1" to the left or right and pull up to remove.
4. Spray inside of anchor with WD-40 before inserting new post.



SEVERELY DAMAGED POST REMOVAL

The SAFE-HIT® SH-51MT cutting tool was developed to aid in removal of damaged posts. Use extreme care in removing protective cap from the cutting blade prior to use.

1. Bend post parallel to ground and cut off both post and inner tube with hacksaw (2-3" above anchor).
2. Using channel lock pliers, grip black inner tube and pull vertically to remove.
3. Insert cutting tool inside post with the cutting blade facing away from the locking tabs.
4. Hook cutting blade to the bottom of the post and pull tool upward slicing the post from bottom to top.
5. Repeat same action on opposite side of post.
6. Grip half section of post with channel lock pliers, depress 2" to unlock post section from tab and pull from anchor.
7. Repeat same action on opposite side of post.
8. Spray inside of anchor with WD-40 before inserting new post.



ANCHOR PLACEMENT USING MANUAL DRIVER

1. With the anchor tool lying on the ground, slip the soil anchor on the lower section in contact with the SH-6 on the SH-30-6 tool.
2. Prior to raising the anchor and tool to a vertical impact position, make certain that the anchor is positioned so the locking tabs are perpendicular to traffic flow.
3. Tip the anchor and tool assembly to a vertical position. Remove the keeper pin at the top of the drive tool. Commence operation using a lift and drop action. Ensure the anchor remains plumb as it is driven.
4. The lift height for impact must be controlled to keep the drive tool contained within the anchor.
5. Continue impacting until anchor is driven 1/2" below the surface.
6. Replace the keeper pin and remove the drive tool from the anchor.

Compacted soil conditions can make anchor placement difficult. An open-end soil anchor can be used as a pilot hole tool. Drive the open-end anchor into the ground 6 – 8", then remove it. Now drive the closed-end anchor until it is 1/2" below the surface. If the anchor does not drive all the way it may be necessary to use the open-end anchor again to remove more material from the hole.

Another option is to use an open-end anchor to mount the post. Ensure the top 6" is free of soil so the post can be placed.

