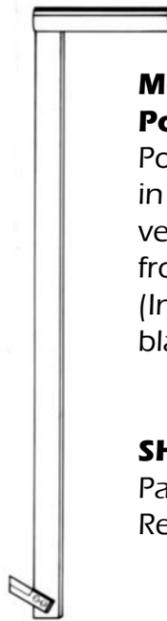


MAINTENANCE KIT & TOOLS



Model SH-51 MT Post Cutting Tool

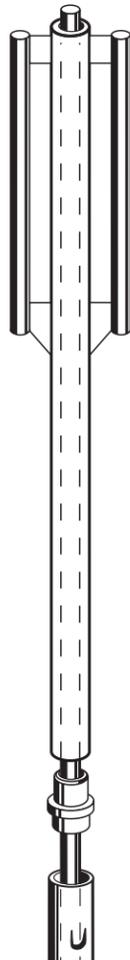
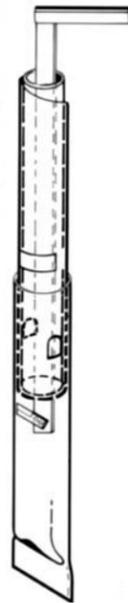
Post cutting tools aid in the removal of severely damaged posts from soil anchors.
(Includes one spare blade)

SH-52 MB

Package of 5 Replacement Blades.

Model SH-50 MK Maintenance Kit

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



MANUAL ANCHOR INSTALLATION TOOL

SAFE-HIT Model SH-30-6 Manual Installation 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 inches. "Lift-Drop" weight is approximately 33 lbs. Height is 58 inches.

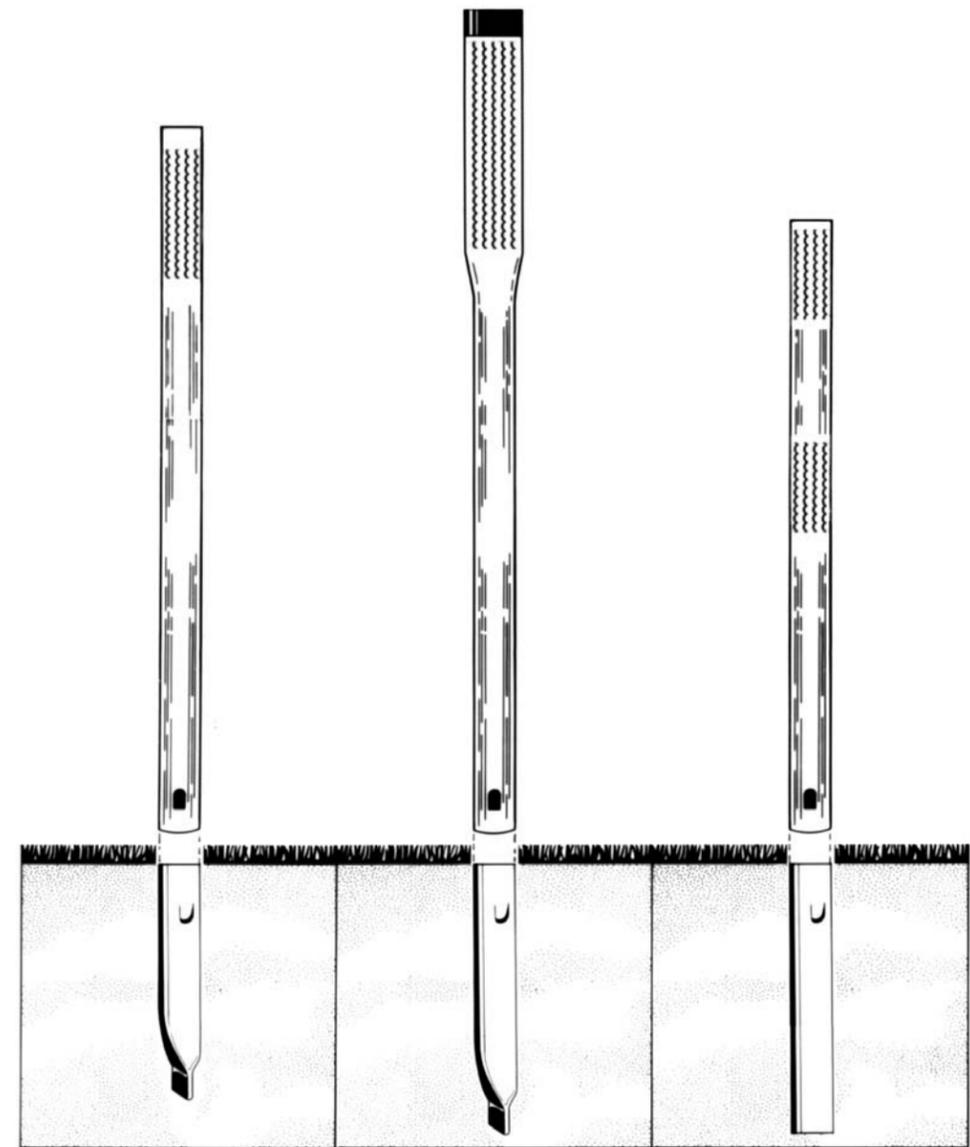


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SOIL ANCHOR POSTS

• Installation • Replacement • Maintenance



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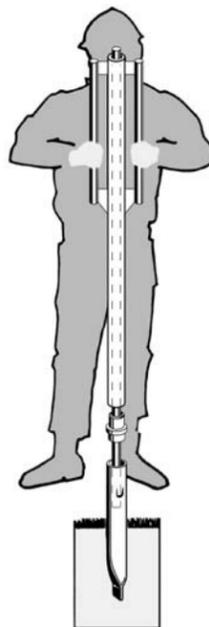
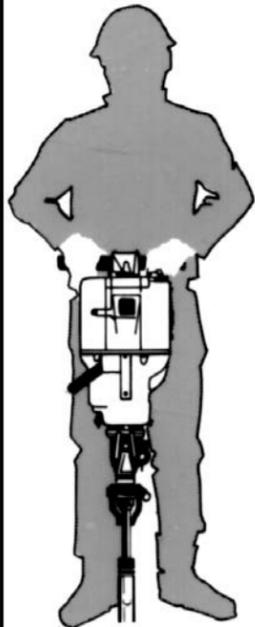
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SAFE-HIT DESIGNED FOR EASE OF: INSTALLATION • REPLACEMENT • MAINTENANCE

SOIL ANCHOR & POST INSTALLATION

SAFE-HIT soil anchors can be used with the complete line of channelizers, delineators, markers and sign posts. Soil anchors can be installed utilizing power equipment in conjunction with SAFE-HIT drive tool accessories, or with SAFE-HIT's Manual Anchor Installation Tool. Six steps to a permanent installation include:

1. Keep the anchor vertically plumb when driving it into the ground. This will insure that the installed post will be vertically straight.
2. Always use a SAFE-HIT SH-6 drive tool with the drive ring facing down. The SH-6 tool is manufactured utilizing special steel and is then heat-treated to provide longevity.
3. Position anchor so that when installed, the locking tabs will be perpendicular to the flow of traffic.
4. Drive the anchor until it is 1/2" below the surface. This is important to assure that the installed flexible post will perform properly upon impact. If not installed flush, the exposed anchor could result in potential damage liability claims against the Installer/Contractor.
5. Position the "O" ring on the post over the two window tabs, and align the tab holes in post with the locking tabs in the anchor.
6. Insert post in anchor past the locking tabs (label will be below surface). Pull up post to lock in place (label will be above surface). The "O" ring must be below anchor top. If not, remove post, reposition "O" ring and re-install post.



POST REMOVAL

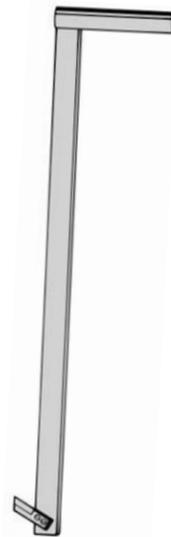
1. Spray post base at anchor with WD-40 or equal lubricant.
2. Grip post firmly about six inches above ground.
3. Push post down two inches, turn post one inch to the left or right and pull up to remove.
4. Spray inside of anchor with WD-40 before installing new post.



SEVERELY DAMAGED POST REMOVAL

SAFE-HIT's SH-51MT cutting tool was developed to aid in the removal of posts that have been severely damaged. Use extreme care in removing protective cap from the cutting blade prior to use and when working with the cutting tool. Blade is extremely sharp and can cause serious injury.

1. Bend post parallel to ground and cut off both post and inner tube with hacksaw, approximately two to three inches above anchor.
2. Using channel lock pliers, grip black inner tube and pull vertically to remove.
3. Insert cutting tool inside the post with cutting blade away from locking tabs.
4. Hook cutting blade at the bottom of post, 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 two inches to unlock post section and pull from anchor.
7. Repeat same action on opposite side of post.
8. Spray inside of anchor with WD-40 before installing new post.



POWER EQUIPMENT TOOLS



SH-7
Drive adaptor (1-1/2 pipe drive) for use with SH-6 drive tool. The SH-7 is for use with Berema Pionjar Power Equipment (Also available for other power equipment). 7/8" Hex Chuck - 13-1/2 Length 1-1/2 O.D. Driver section (fits into SH-6 drive tool). Drive adaptors are available for most jack-hammers and piston type hammers.



SH-6
Drive tool for use in installing SAFE-HIT Soil Anchors. Requires drive adaptor for appropriate power equipment, or SH-7 for use with Berema Pionjar.

SH-8
Self cleaning pilot hole tool for use with power equipment to provide pilot holes for SAFE-HIT Soil Anchors in compacted and adverse soils. Dirt, rock and debris automatically spills out of self cleaning holes, never needs emptying. Requires an SH-7 drive adaptor for Berema Pionjar, or appropriate drive adaptor for other power equipment. 26" Overall length.



SH-9
Replacement Sleeve for SH-8.

MANUAL ANCHOR INSTALLATION

1. With the anchor tool laying on the ground surface, 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 that the locking tabs will be perpendicular to the flow of traffic.
3. Tip the anchor and tool assembly to a vertical impact position and commence impacting operation, using a lift and drop action. Taking care to insure that the anchor remains plumb as it is driven into the soil.
4. The height of lift for impact strokes should be controlled to keep the drive tool contained within the anchor.
5. Continue impacting until anchor is driven 1/2" below the surface.

Compacted soil conditions can be encountered in some areas making anchor installation difficult. In those situations the use of an open-ended anchor can be utilized as a pilot hole tool. Removing the open-ended anchor after it is driven six to eight inches and then continuing with a standard drive point type anchor. Some installers find the open-ended anchor driven 1/2" below the surface provides a satisfactory installation. In this type of use, the anchor should be removed after driving six to eight inches to knock out dirt before driving flush. This allows space in top of anchor to install post.

