

# V-LOC Soil Installation Instructions

Thank you for your purchase of V-Loc, the only reusable post socket that is flush to the ground for maximum safety. Contact Digger's Hotline before installing. Distributors will not be liable for damage or injury resulting from unauthorized or improper installation.

**ALIGNMENT** Illustration at right shows proper alignment, resulting in signs facing toward approaching vehicles. Align **Round** post V-Loc sockets so the rounded nose of the fin points parallel to the road, AWAY FROM oncoming traffic. **U-channel** post V-Loc sockets should have the rounded nose of the fin pointing parallel to the road, TOWARD oncoming traffic. Align **Square** post V-Loc sockets so that the rounded nose of the fin points to slightly less than a 45-degree angle from oncoming traffic (see illustration), so that the mounted traffic sign will face oncoming vehicles.

**EARTH INSTALLATION** Use a V-Loc Drive Cap to drive the leg angle straight into the earth, half way to the bottom of the fin. Use a level to plumb each side of the leg angle. For models with a clean-out bar, tilt a few degrees toward the bar. For models without a clean-out bar, the dirt inside the leg angle can be loosened with a shovel at this time, making clean-out easier. Next, drive the socket into the earth until it is flush with the ground surface. Remove or compact the earth inside the socket to allow the post to be inserted 5 or more inches. Proceed to post and wedge insertion instructions.

**ASPHALT INSTALLATION** Use a V-Loc Drive Cap to drive the leg angle through the asphalt into the earth, half way to the bottom of the fin. Use a level to plumb each side of the leg angle. For models with a clean-out bar, tilt a few degrees toward the bar. Install socket to a depth so top of socket is level with finished surface. Use a level to plumb each side of the leg angle. Tape over the opening in the top of the socket, and fill around the socket with asphalt patch. Allow to harden. Remove tape. Proceed to post and wedge insertion instructions.

**CONCRETE INSTALLATION (new or existing)** Install with curled fin corners or bottom plate at the bottom. V-Loc Bottom Plate models are recommended for concrete installations. Otherwise it is recommended to apply tape under the bottom opening of the socket to prevent upward migration of wet concrete. For wet concrete installation, place socket in the desired location, to proper depth so it will be flush with the finished surface. For existing concrete, bore a hole 6 or 7 inches in diameter through concrete. Install socket to a depth so top of socket is level with finished surface. Use a level to plumb each side of the leg angle. Tape over the opening in the top of the socket and fill around the socket with quick-dry concrete. Allow to harden. Remove tape. Proceed to post and wedge insertion instructions.

**POST AND WEDGE INSERTION** Insert post 6 inches or more into socket, abutting the leg angle, making sure sign or mailbox is at proper angle and height according to national, state or local standards. Insert the wedge into the socket with its side hole closest to the top. This allows the wedge puller to properly grasp the wedge if removal becomes necessary. Insert the wedge at a slight angle as shown at right. Drive the wedge fully into the socket, up to as much as one inch below the top of the V-Loc.

