TIE DOWN
MANUFACTURING INGENUITY

Anchor & Strap Installation

Anchor Installation
Position anchor at a slight back angle (10 degrees) so when fully installed and tightened with strap, the anchor head will be pulled up under the edge of the anchor area. Make sure the anchor head is flush with the ground.

Drive Machine Installation
Attach the adapter head of the drive machine to the anchor by placing adapter over the anchor head. Place anchor tip in location where anchor is to be driven in, make sure the directional switch is in the forward direction. Pull switch to drive anchor in ground.

Manual Anchor Installation
Dig holes to 2/3 the length of the anchor, install remainder of anchor by screwing into ground with rod or length of pipe for leverage. Replace earth in the hole after the anchor is installed at full depth. Pack dirt by tamping every 6 inches of fill.
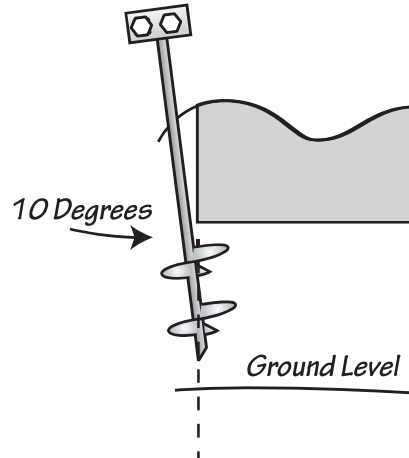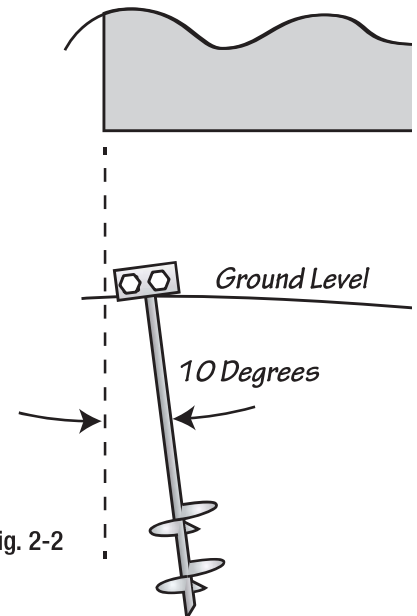
Strap Installation
Wrap the strap around the beam to be anchored starting at the top and making a full wrap all the way around making a loop over the top of the strap.
Step 1
Insert slotted bolt into anchor head, attach loosely. Pull strap past bolt head and cut strap so that 12-15 inches of strap are available to wrap onto the slotted bolt.
Step 2
Insert the strap end into the slot in bolt until flush with opposite side of bolt.
Step 3
Using 15/16" wrench or socket, turn the bolt, winding the strap so that a minimum of four to five complete turns are made, and the strap is adequately tensioned.
Step 4
Hold the bolt under tension while tightening the nut, drawing the head of the bolt into the recess. After the bolt is within the recess, continue to tighten the nut until securely fastened.
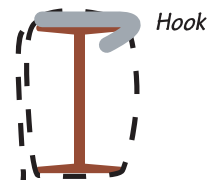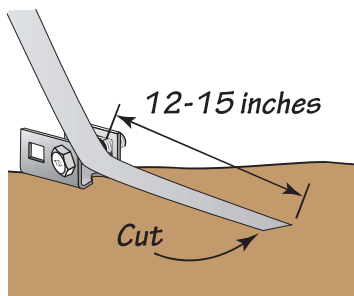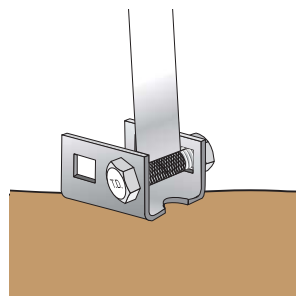
10 Degrees

Ground Level

Fig. 2-1

Ground Level

10 Degrees

Fig. 2-2

Hook

Fig. 2-3
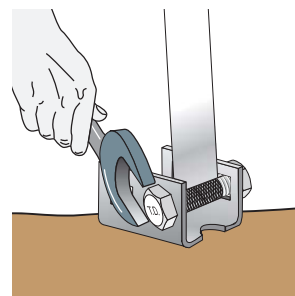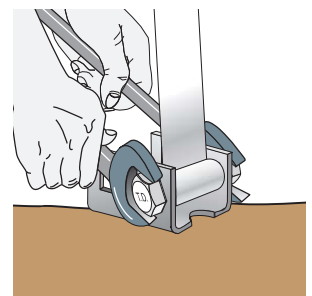
Strap to Anchor Head

12-15 inches

Cut

Step 1 — Fig. 2-4

Step 2 — Fig. 2-5

Step 3 — Fig. 2-6

Step 4 — Fig. 2-7

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