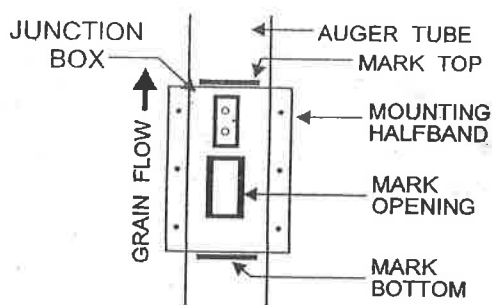


MOUNTING THE E-Z CHECK MOISTURE SENSOR (new installations).

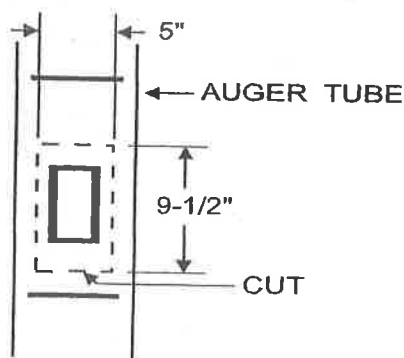
! DANGER

**MAKE SURE THE MAIN POWER IS DISCONNECTED
AND LOCKED OFF!!!**

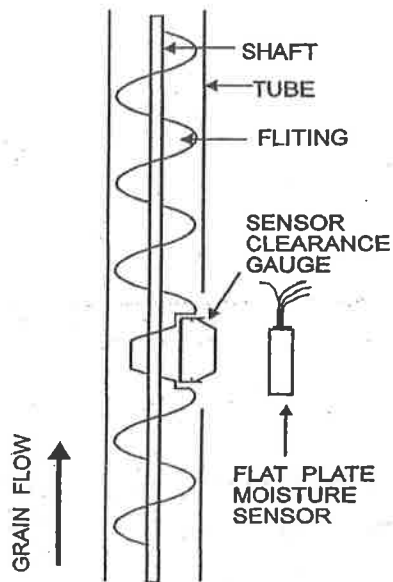
The E-Z Check moisture sensor can be mounted in the same locations as the finned moisture sensor. With the flat plate moisture sensor, only 1-1/2" of fluting needs to be trimmed off the edge of the auger. Completely removing the fluting or cutting back more than 1 1/2" is acceptable also. Since it is not necessary to completely remove the fluting, a welder will not be required for most installations. On bottom unloading machines, the E-Z-Check moisture sensor should still be mounted 60-90° up the climb side of the horizontal discharge auger. For bottom unloading machines with an 8" auger, the fluting should be completely removed to the shaft, unless Ultra High Capacity sweeps (1000 bu/hr) are used.



1. Hold the mounting halfband on the auger in the location desired. Make sure that the junction box on half band is towards conduit. Mark the outline of the rectangular opening, and both ends of the halfband, on the tube. Remove the halfband.

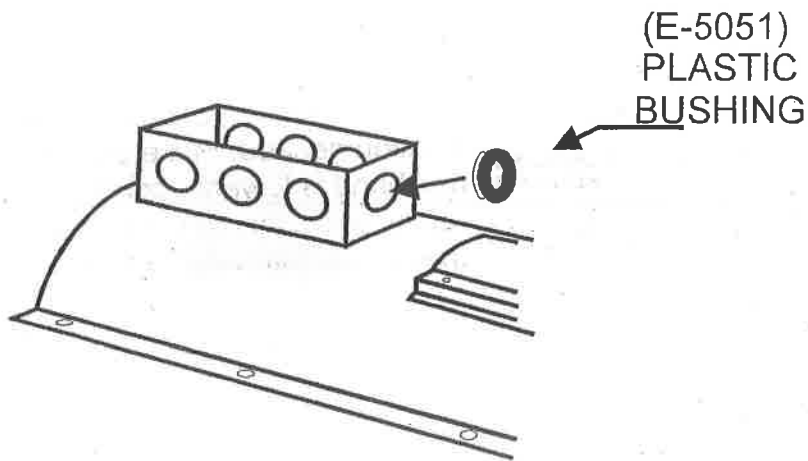


2. Cut a rectangular hole in the auger tube approximately 1 1/2" - 2" larger than marked rectangle.



3. Through this opening, cut at least 1-1/2" off the edge of the fluting. Remove at least a 7" long strip to allow clearance for the sensor block. The cut edge may be reinforced, or hardfaced, if desired. For bottom unload machines with 8" augers and 500 bu/hr removal capacity, completely remove the fluting. Remember to weld the ends first.

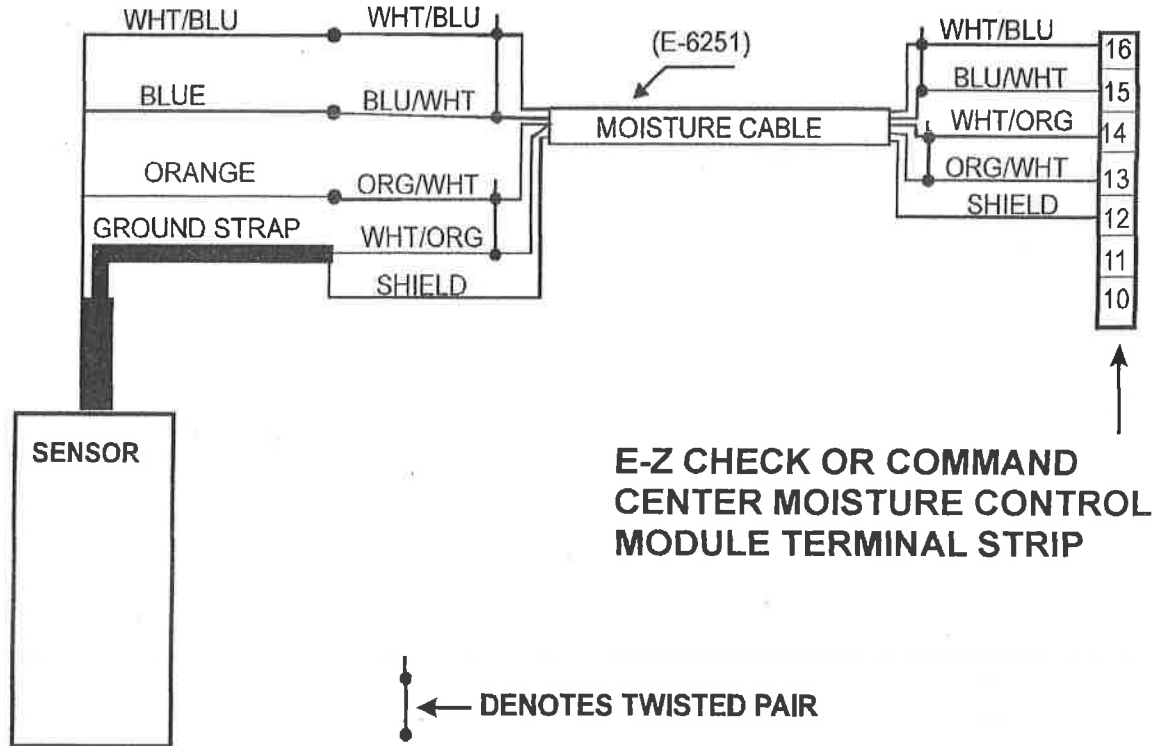
4. Mount the halfbands on the auger tube. Then insert the Sensor Clearance Gage, Flat Plate, (597-643A), and have someone rotate the auger by hand to ensure clearance.



5. Remove knockout in junction box nearest sensor opening and install plastic bushing into knockout. For bottom unload machines replace the plastic bushing with a cord grip or 2 screw connector to keep mice out of junction box. Put sensor wires through bushing in junction box. Attach the Moisture Sensor to the halfband with four 1/4-20x1/2" hex head cap screws and lock washers.

WIRING THE E-Z CHECK SENSOR

When wiring the E-Z Check sensor to an E-Z Check or Command Center Moisture Control Module, use the following wire diagram.



The ground strap, white with orange stripe, and shield should be tied to the ground lug inside the junction box on the mounting halfband. A spade terminal (E-5012-02) is provided for the white with orange stripe and the shield. Crimp them together in the spade terminal. Tighten down on lug with star washer and lock nut provided. Connect orange, blue, and white with blue stripe, wires to cable using silicone filled wire nuts (E-6250) provided.