

□ Proper Sensor Orientation

The motion sensor tells the ATAC controller how the feeder is performing. The sensor must be mounted so that the *axis of sensitivity* is parallel with the motion of the feeder. That is the sensor must vibrate along its *axis of sensitivity*, **Figure 1**. For a bowl feeder, the sensor should be mounted near the perimeter of the bowl with the direction of the mounting screws (*axis of sensitivity*) pointing in the direction of parts flow.

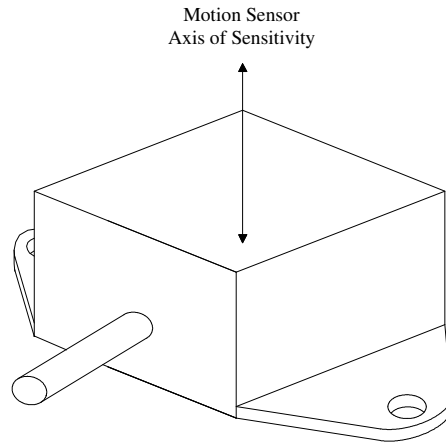


Figure 1

Figure 2 depicts an example of a mounting strategy for bowl feeders using a right-angle bracket mounted to the exterior of the bowl. While the use of such a bracket is not required, the motion sensor *must* be mounted so that its orientation with respect to bowl motion is the same as that shown, regardless of the mounting method used.

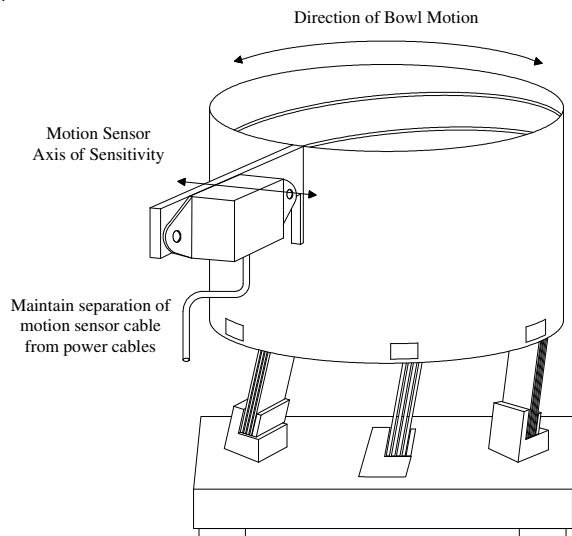


Figure 2