

Optional Stroke Counter Sensor Kit (700SCK)

The stroke counter sensor displays how many plunger strokes were used to make a bale. This sensor works in combination with the end of bale sensor and sends the information to the IPM. The information will be saved in your Job Records and will also be displayed on the screen in Automatic or Manual mode. Follow the steps below for your specific baler applicator base kit to mount the optional stroke counter sensor.

Model 744 & 750

The stroke counter may be used as a flake counter for these balers by installing at the right-side hay dog. Bracket modification may be required to place the sensor 1/4" away from bale chamber hay dog (when engaged) on the outside of the bale chamber (See Figure 1). The sensor needs to clear the hay dog lever to register each time a flake has been made.



Figure 1

Alternative Mounting Option:

Open the left access panel as shown in Figure 2. The end of the sensor (A) will be aligned with the bolt head (B). With the tractor turned off and the PTO disconnected from the tractor, rotate the balers flywheel so that the bolt head (B) is at its lowest position. Locate bracket 001-4648SC (C) and loosely install the sensor. Align the end of the sensor over the bolt head (B) and mark the two 3/8" (10mm) holes that will need to be drilled to mount the bracket (C). Install the bracket using two 5/16 x 1" bolts, flats, locks, and nuts. Close the access panel (Figure 3) and adjust the sensor so that it is 1/4" (7mm) away from the bolt head (B). Tighten the nuts on the sensor after the adjustment is made. Leave enough slack in the wire to allow the access door to function.

Figure 2

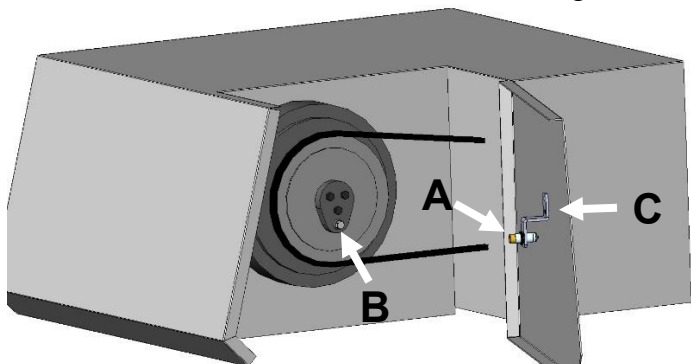
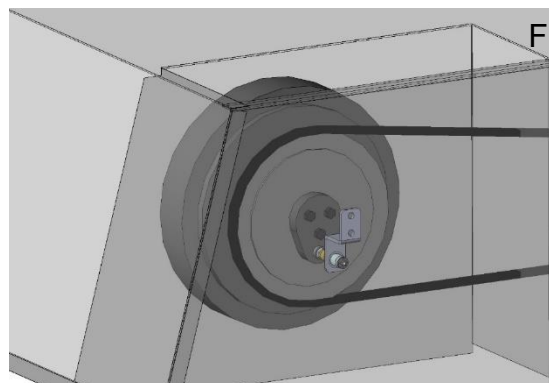


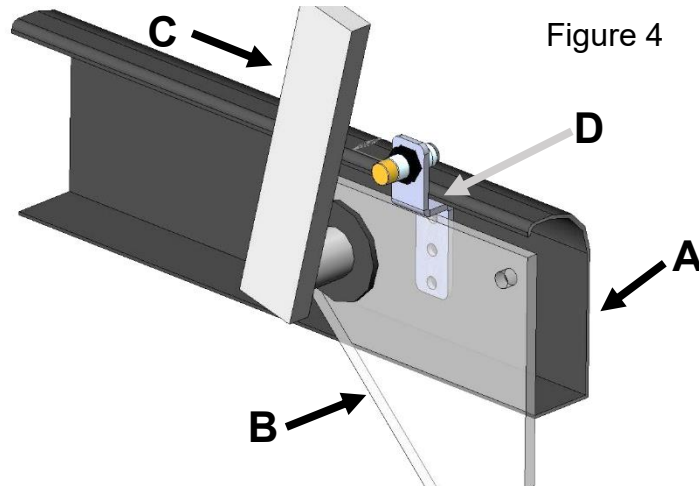
Figure 3



Model 745

Locate the area shown in Figure 4 on the baler. In Figure 7 the area is shown standing at the front of the baler and looking to the back. The bracket will mount on the steel next to the bearing on the gathering fork. Point (A) is the sheet metal on the back of the baler, point (B) is the steel that holds the gathering fork bearing, point (C) is the back arm on the gathering fork.

Locate the sensor bracket (001-4648RB). Mark and drill two 3/8" (10mm) holes to mount the bracket (D). Attach the bracket using two 5/16 x 1" bolts, flats, locks, and nuts. Loosely install the sensor into the bracket. With the tractor turned off and the PTO disconnected from the tractor, rotate the flywheel by hand to get the end of the sensor lined up with the gathering fork (C). The end of the sensor needs to be 1/4" (7mm) away from the gathering fork. After the adjustments are made tighten both nuts on the sensor.



Model 751

Locate the steel behind the gathering fork (Figure 5). Figure 6 shows the steel from the back of the baler as would be front and left. Mark and drill the 3/4" (19mm) hole for the sensor to mount through. With the tractor turned off and the PTO disconnected from the tractor, rotate the baler fly wheel by hand until the gathering fork arm is directly in front of the 3/4" (19mm) hole. Install the sensor and position so that the end of the sensor is 1/4" (7mm) away from the fork. Tighten the nuts on both sides of the sensor after the adjustment.

