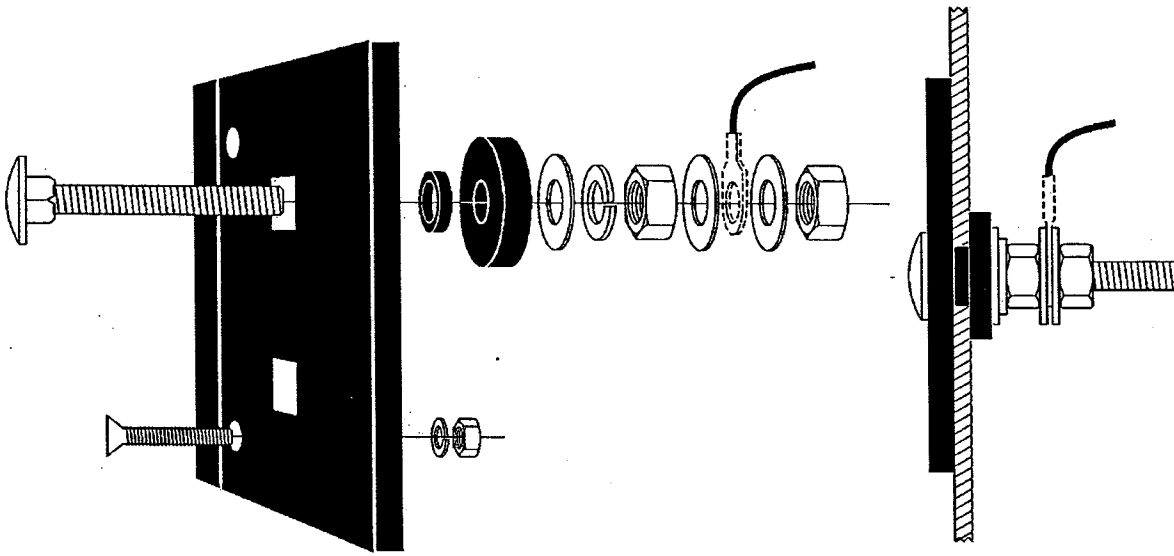


## INSTALL MOISTURE SENSOR



### Conventional Square Baler

1. Locate a *flat* spot between 12" to 24" (12.7 to 610 mm) from the rear of the chamber, about halfway up the side, on the **UNCUT SIDE** of the chamber.

*NOTE: Readings from the cut side of the bale will result in greater variations of readings and overall higher readings.*

2. Tape the drilling template (D-1) onto the *flat* location and drill all holes, using the drill sizes indicated on the template. File any burrs from the holes.

*NOTE: The beveled (leading) edge of the sensor plate must face the plunger (opposite direction of bale movement).*

*NOTE: The sensor plate must mount flat and tight to the bale chamber wall.*

3. Mount the sensor assembly using hardware provided. Follow diagram above.

*NOTE: Make sure that two (2) electrode contacts (carriage bolts - (D-2) are not touching any part of the metal bale chamber, by using the*

*insulating bushings and washers (D-3 & D-4). Securely tighten with a flat washer (D-5), a lock washer (D-6) and a large nut (D-7).*

*NOTE: Make sure that the beveled (leading) edge of the sensor plate (D-11) is fastened flat and tight to the chamber wall. Securely tighten with two (2) flat head bolts (D-8), lock washer (D-9) and nuts (D-10). (If leading edge is not secured flat and tight to the wall, hay passing under extreme pressure will pry up the sensor plate.)*

4. Assemble the ring terminal on the sensor cable to each contact bolt. Place ring terminal between two (2) metal washers (D-5) and securely tighten with two nuts (D-7).

### Large Square Baler

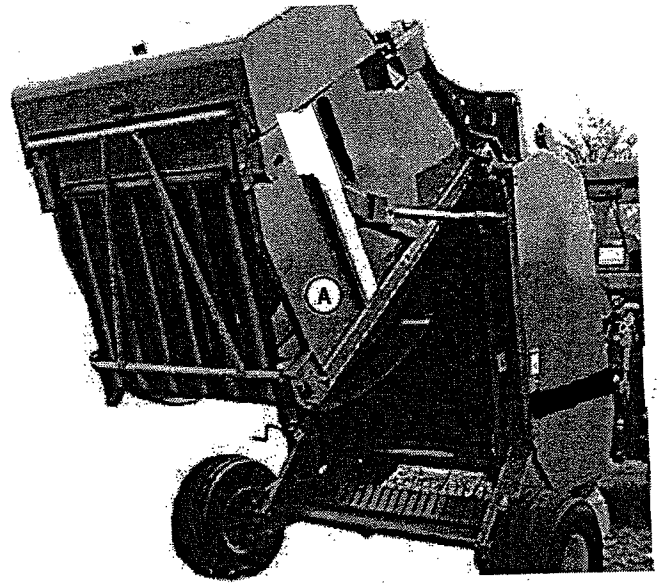
1. Install sensor using the same instructions as Conventional Square Baler, except it is recommended that you add a piece of 1/4 in. (6.3 mm) thick strap iron in front of the sensor plates beveled (leading) edge. This will provide additional protection to the sensor plate.

### Round Baler

1. Locate a flat spot (A) on the sidewall or tailgate, as low as possible to the bottom, on either side of the baler. Use the same instructions as Conventional Square Baler.

**NOTE:** The beveled (leading) edge of the sensor plate must face the pickup.

**NOTE:** Hay will begin to pass over the sensor as soon as approximately 1/4 of the bale is formed.



### ROUTE SENSOR CABLE TO TRACTOR

**NOTE:** In most cases, the 25 ft. (7.6 m) cable is more than enough length for routing to the location of the display module mounted in the tractor cab. In the example below, a round baler and tractor require an extra 10 ft. (3 m) Sensor Cable Extension (07158). Contact your Dealer to order this part.

Most balers already have cable routes running from the baler to the hitch area. If this is the case, follow this same route and use any existing cable attachments.

Route the sensor cable to the hitch area of the baler so that it does not interfere with any moving parts. Secure the cable with nylon ties or tape.

For an example of a cable route, refer to the following illustrations.

Set Up And Installation

From the sensor at location (1) run the cable to the back of the tailgate (2).

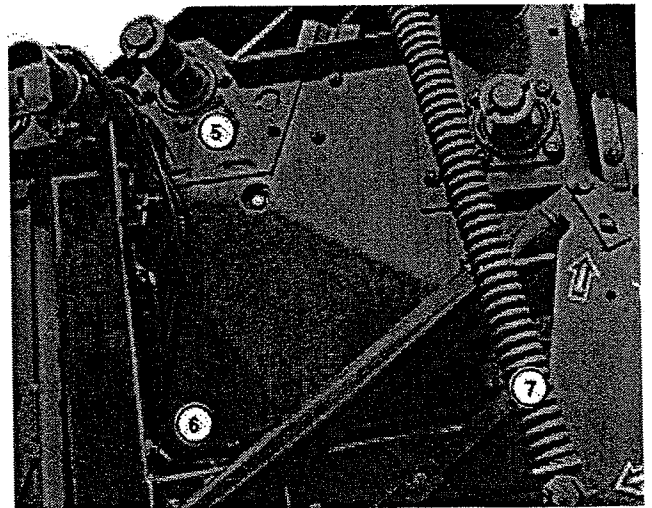
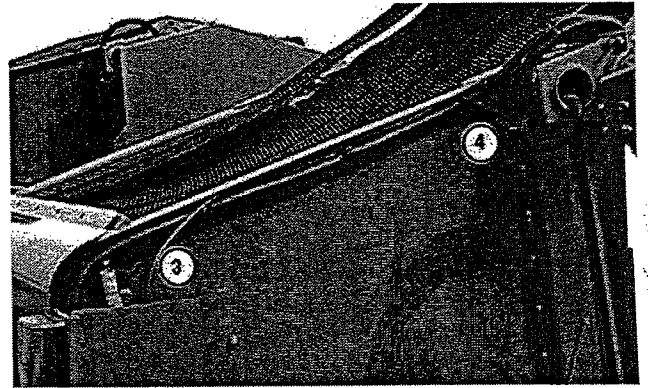
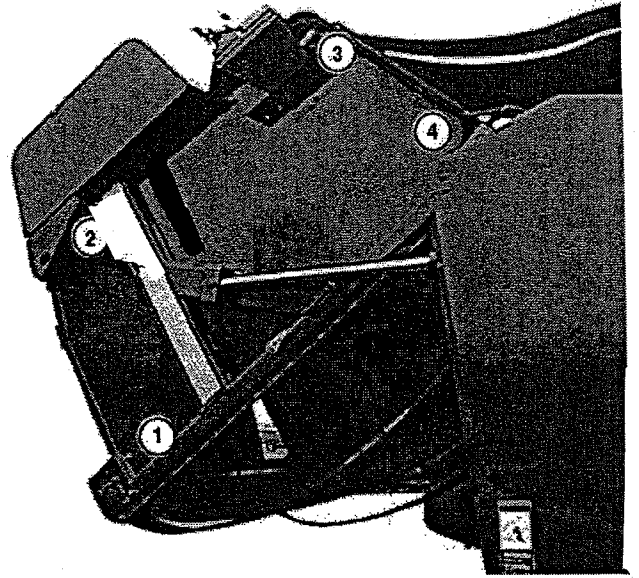
From (2) to the top back of the tailgate (3),

From (3) to the hinge of the tailgate (4)

From (4) over the hinge, down to (5) behind the panel door

From (5) down to (6), still behind the panel door

From (6) over to (7)



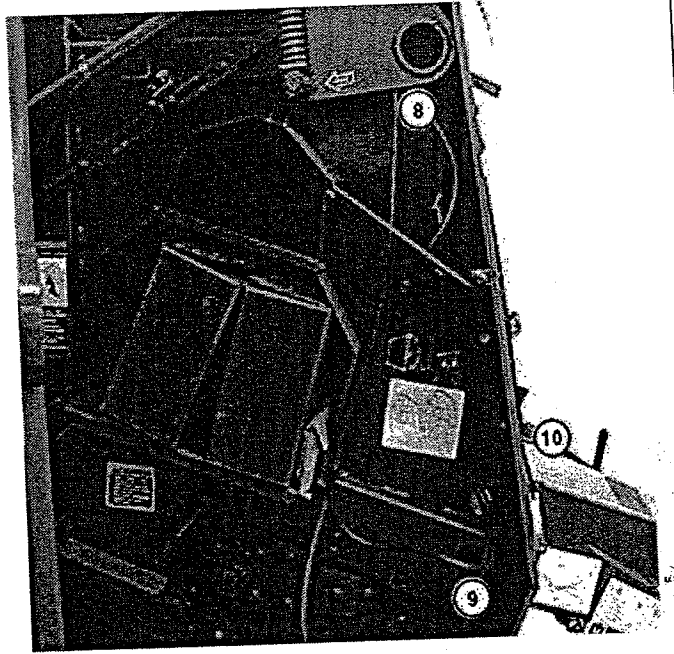
## Set Up And Installation

From (7) around to (8)

From (8) down to (9).

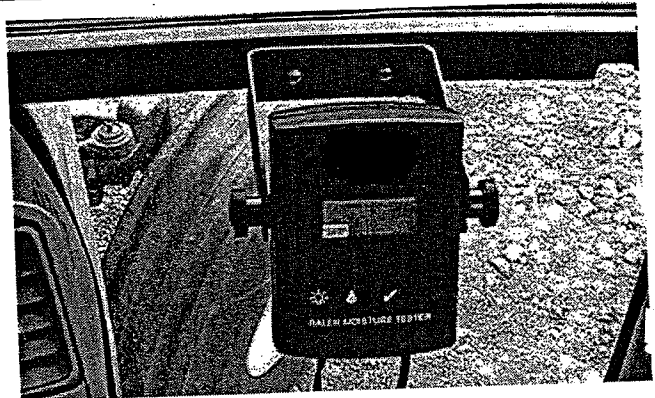
This route continues through hollow metal structure over to the hitch at point (10).

**NOTE:** Use attached plug cover tethered to connector to keep out dirt and moisture!



### INSTALL DISPLAY MODULE

1. Select a location (a flat surface) in the cab where the display can be viewed while baling.
2. Using the mounting bracket as a template, mark and drill  $3/32$  in. pilot holes, and secure the bracket with the two (2) sheet metal screws.
3. Mount display module to bracket using adjusting knobs.



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