1022 LOW BIN SENSOR KIT

INSTALLATION INSTRUCTIONS

AM-1022

COMPONENT LIST

REF	PART No.	DESCRIPTION	QTY
1	A-1022A	SECONDARY HEAD SENSOR	1
2	AH-547	3 WAY JUNCTION BOX	1
3	AM-1022	1022 BIN SENSOR INSTRUCTIONS	1

GENERAL INFORMATION

The 1022 Low Bin Sensor Kit can be used in conjunction with the 1020 Air Seeder Monitor.

Any number of 1022 Bin Sensors may be connected on the same 1020 Airseeder monitoring system.

OPERATION

Whenever the seed or fertiliser Bin Level Sensor becomes uncovered, the Air Seeder Monitor alarm will beep for a period of 3 - 5 seconds flashing the monitor warning light simultaneously to alert the operator. This is quite different to the continuous alarm tone given whenever a Secondary Head blockage is detected.

The Bin Sensor is reset automatically whenever the bin is refilled.

A Blockage Alarm has priority over the Bin Alarm and therefore the Bin alarm **will not activate** if any of the Secondary Head sensor lights are activated.

INSTALLATION

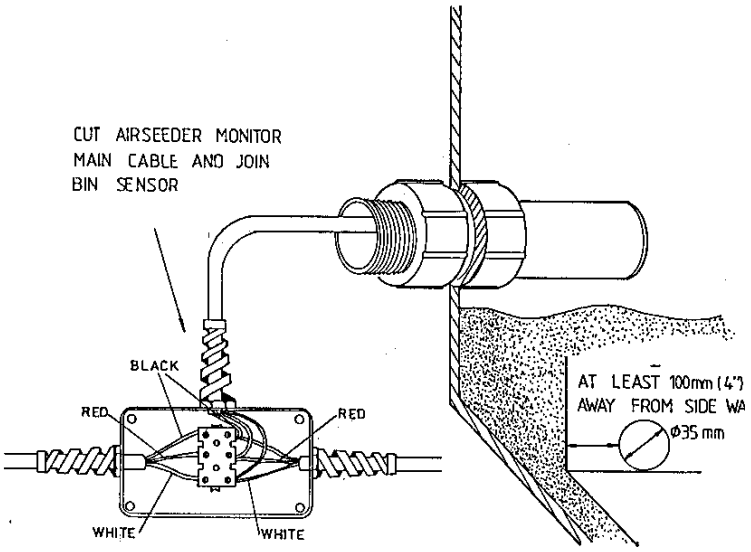
1. Identify an appropriate point to install the Bin Sensor and cut a 35mm clearance hole in the bin. (Allow at least 100mm (4 inch) clearance to all sides of the bin.)

2. Mount Sensor through hole, using washer on outside of bin.

3. Run cable from Bin Sensor to meet main sensor cable to Secondary Head sensors and join Black, Red and White wires from bin sensor with matching Black, Red and White wires on main sensor cable, inside the junction box as shown.

   NOTE: For pre 1994 Air Seeder Monitors match colours as follows.

BLACK	TO	GREEN / YELLOW
RED	TO	BROWN
WHITE	TO	BLUE



TESTING PROCEDURE

1. Disconnect all Secondary Head sensors at a point **after** the Bin sensor connection point. eg Cultivator drawbar if trailed behind.

2. Switch monitor power “ON” and switch to “RESET” position.

3. Grasp sensor to simulate grain covering sensor, then let go to activate alarm.

4. Alarm in cab should beep and flash for a few seconds, then remain silent until process is repeated.

5. If two or more Bin sensors are connected, grasping and releasing any one, will activate the alarm (as point 4 above) irrespective of the other Bin sensor’s state.