

# 7100 Series Tractor Implement Installations Operators Manual

Supplement to  
9-12930, 9-12931, 9-12932, 9-12933,  
9-12940, 9-12941, 9-12942 and 9-12943

Rac 9-12933S1

Reprinted

**CASE III**






*THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.*

M171B

If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as   and  if used, are RED.



# WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

## INTRODUCTION

This manual covers instructions for installing implement components on the 7100 Series tractor. This includes the following items:

1. Monitors for air drills, combines and planters.
2. Controller for pull behind combines and horizontal rear fold planters.
3. Marker control for planters and drills.
4. PTO hydraulic pumps for air drills and planters.



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7100 Series Tractor

### General Electrical Procedures

Disconnect the tractor battery before doing any electrical work. When routing a wire harness, keep the harness away from high temperature areas or sharp edges. Do not route the wire harness along battery cables. Use tie straps to keep the wire harnesses away from moving parts such as tractor hitch lift links or transmission shift linkage.

All ground connections to the tractor frame must be to clean, bare metal. Remove all dirt, paint and rust from the grounding surface to provide good electrical contact.

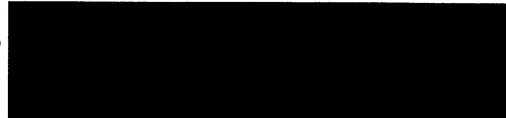
Connect the tractor batteries to the tractor after all of the electrical work is complete.

An electrical connector kit providing terminals and connectors for mounting monitors is available. See your dealer.

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Revised January, 1992

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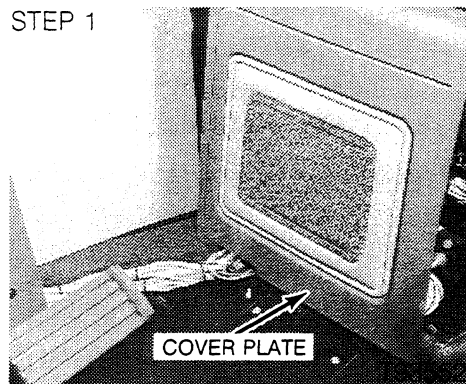
## MONITOR/CONTROL INSTALLATIONS

### TRUE GROUND SPEED SENSOR HARNESS

A true ground speed sensor auxiliary harness is available from your dealer. The auxiliary harness will permit connecting the true ground speed sensor on your tractor to the tractor digital instrument cluster and to implement monitors such as planters, chemical sprayers, etc. The true ground speed sensor will send output signals to the cluster and implement monitor simultaneously. This will provide precise monitoring of input rates and of chemical application rates. For installation instructions see EARLY RISER MONITOR INSTALLATION (Step 8).

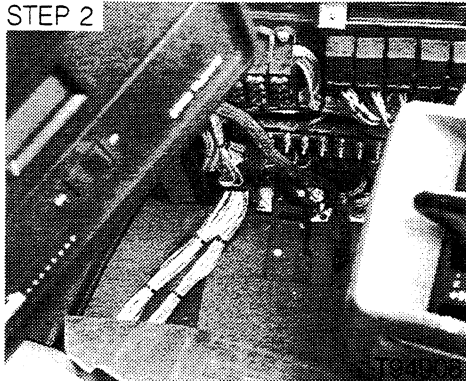
### SEED FLOW II MONITOR INSTALLATION

STEP 1



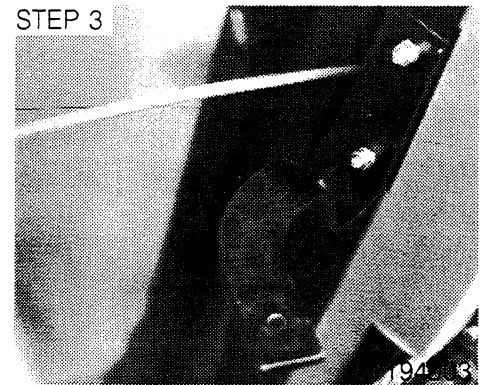
Pull the floor mat away and remove the cover plate.

STEP 2



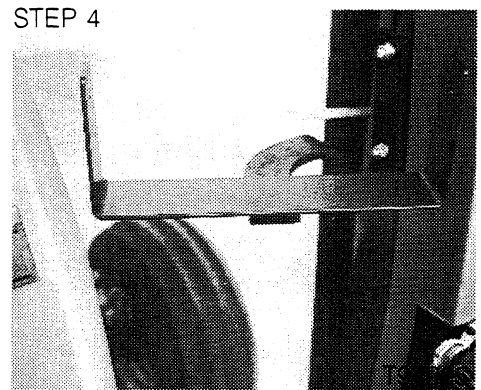
Install the monitor harness through the new cover plate, seals and the floor. Attach the new cover plate and seals to the floor.

STEP 3



Install the monitor support bracket to the right front tractor post with two 5/16 x 1 inch bolts, lock washers and nuts.

STEP 4



Install the monitor U shaped mounting bracket to the support bracket. Install a rubber washer between the brackets. Install a 5/16 inch hex nut and lock washer!

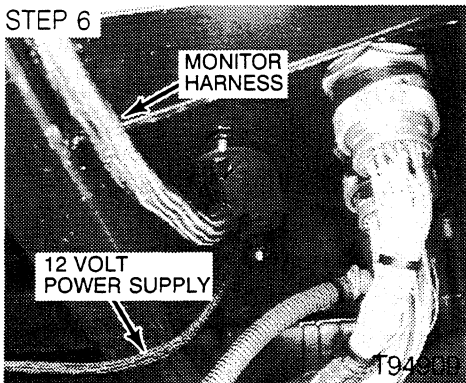
## MONITOR/CONTROL INSTALLATIONS

### STEP 5



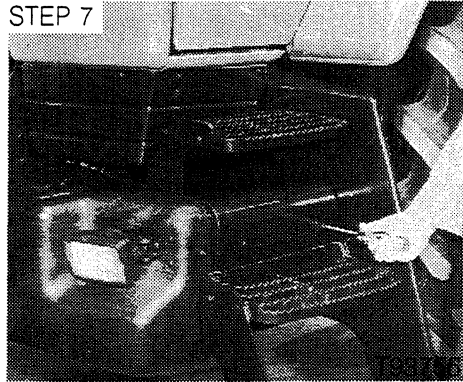
Assemble the monitor to the U shaped mounting bracket using two knobs and rubber washers supplied. The rubber washers must be between the U shaped bracket and the monitor. Adjust the position of the monitor for the best view of the monitor display.

### STEP 6



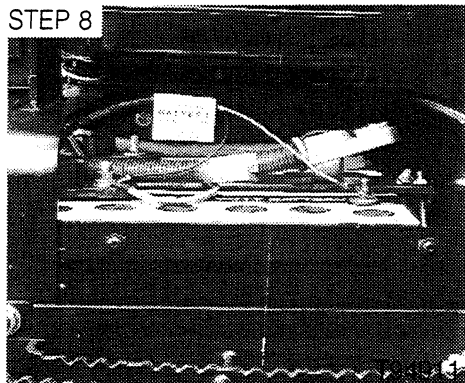
Route the monitor harness to the rear of the tractor and the 12 volt power supply harness to the batteries. Secure the harness with plastic tie straps.

### STEP 7



Remove the top and front battery covers.

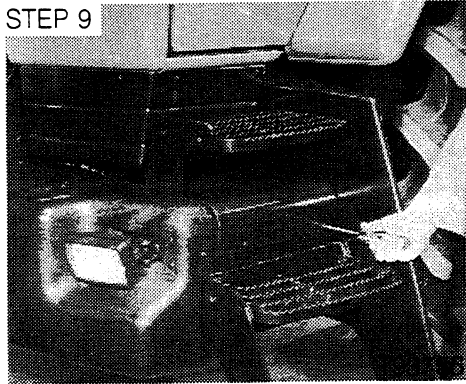
### STEP 8



Connect the black wire to the negative (-) battery terminal and the red wire to the positive (+) battery terminal. Be sure the harness is routed in front of the batteries.

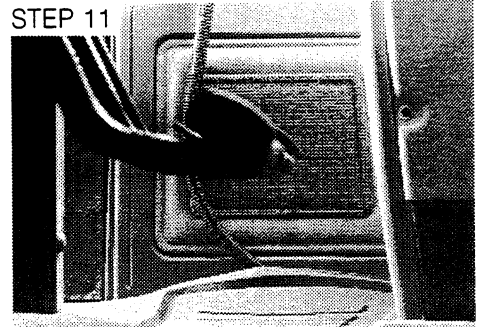
## MONITOR/CONTROL INSTALLATIONS

STEP 9



Install the battery covers.

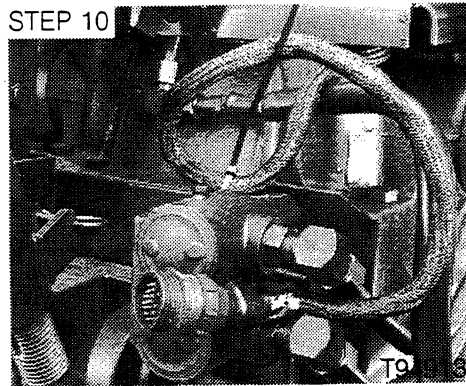
STEP 11



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Put the floor mat in position.

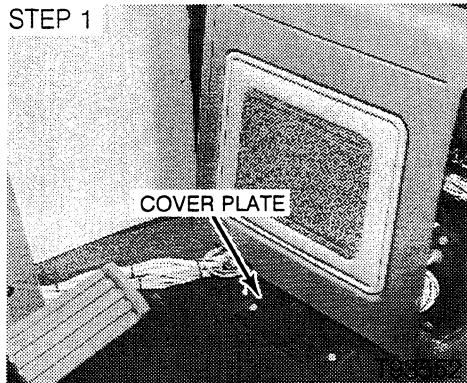
STEP 10



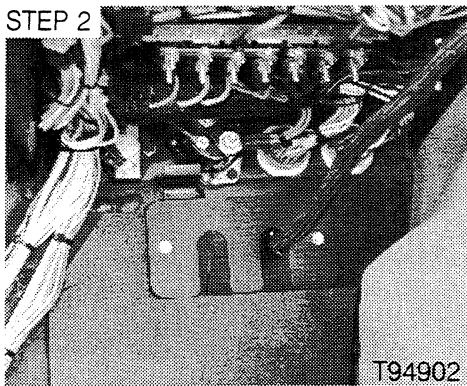
Use a plastic tie strap to secure the monitor harness to the tractor. Be sure the harness is secured where it will not be damaged.

MONITOR/CONTROL INSTALLATIONS

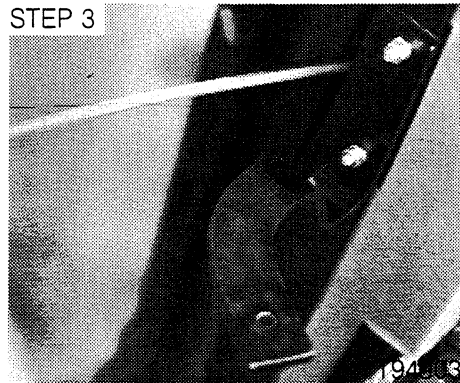
EARLY RISER MONITOR INSTALLATION



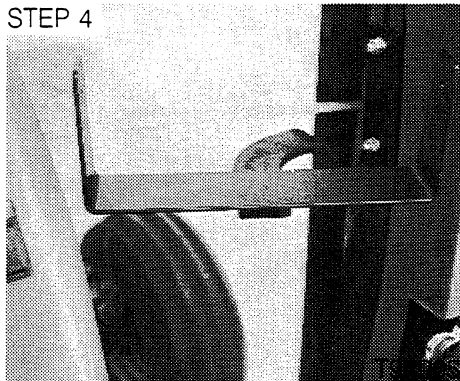
Pull the floor mat away and remove the cover plate.



Install the monitor harness through the new cover plate, seals and the floor. Attach the new cover plate and seals to the floor.



Install the monitor support bracket to the right front tractor post with two 5/16 x 1 inch bolts, lock washers and nuts.



Install the monitor U shaped mounting bracket to the support bracket using a 5/16 inch hex nut, lock washer and a rubber washer. The rubber washer must be between the U shaped bracket and the support bracket.



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