

Operator's Manual

INSTALLING INSTRUCTIONS

Electric Lift

(530 135 R92)

for

INTERNATIONAL[®]

CUB CADET[®]

104, 105, 106, 107, 124,

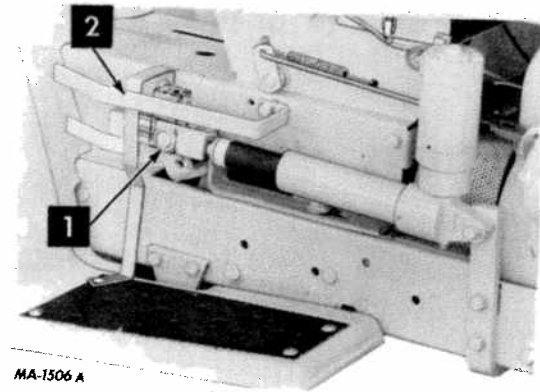
125, 126 and 127

Tractors

INTERNATIONAL HARVESTER COMPANY

401 NORTH MICHIGAN AVE. CHICAGO, ILLINOIS 60611, U.S.A.

OPERATING INSTRUCTIONS



1. End clevis locking clip
2. Safety guard

Illust. 2
Electric lift assembled on tractor.

The electric lift is a self-contained unit designed to provide power with fingertip control for raising and lowering mounted equipment.

OPERATING INSTRUCTIONS

The electric lift is operated by a control switch located on the upper righthand corner of the instrument panel. To raise the implement push upward on the control switch until the desired height is reached, then release the

switch. The switch will return to the center or neutral position. The equipment will stay in a given position when you release the control switch. To lower the equipment push down on the control switch. The switch will again return to the center or neutral position when you release it.

Note: Always operate the electric lift with the tractor engine running. Operation of the electric lift off of the battery only will cause premature battery failure.

Caution! Whenever raising or lowering equipment release the control switch when the equipment has reached a fully raised or lowered position. Not doing so can result in damage to the electric circuits.

Note: Never operate the electric lift with the safety guard removed.

To operate equipment in a fixed position, the end clevis locking clip must be in the locked position as shown in Illust. 2.

To operate equipment such as a mower in "float" position, raise the end clevis locking clip to the unlocked position. See Illust. 2.

ORDERING NUMBER

530 135 R92 - Electric Lift Attachment for International Cub Cadet 104, 105, 106, 107, 124, 125, 126 and 127 Tractors.

INSTALLING INSTRUCTIONS

STEP 1. LIFT HANDLE AND LIFT HANDLE STOP



Illust. 3

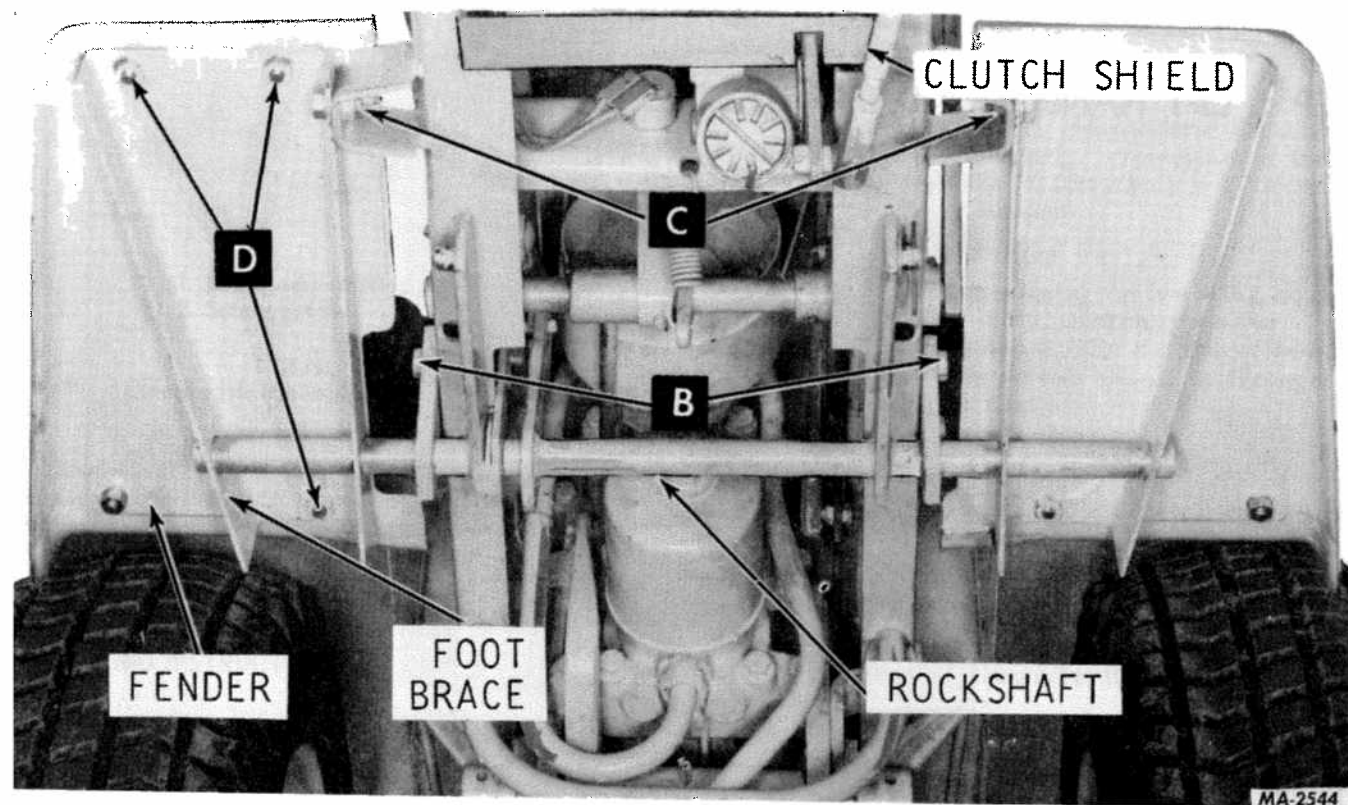
Remove and discard the lift handle stop. Replace with new stop, using the bolt, nut and washers from the discarded stop.

Remove and discard the lift handle ratchet by removing bolts "A" in Illust. 3.

INSTALLING INSTRUCTIONS

STEP 2. FOOT BRACES AND ROCKSHAFT

APPLIES TO MODELS 106, 107, 126 AND 127 TRACTORS



Illust. 4
Underside of tractor.

Remove and discard the rockshaft and lift handle assembly. Retain the hanger brackets, nuts, bolts, and washers to install the replacement rockshaft.

To remove the rockshaft, first remove the six bolts "D" (three on each side) securing the foot rests to the foot braces.

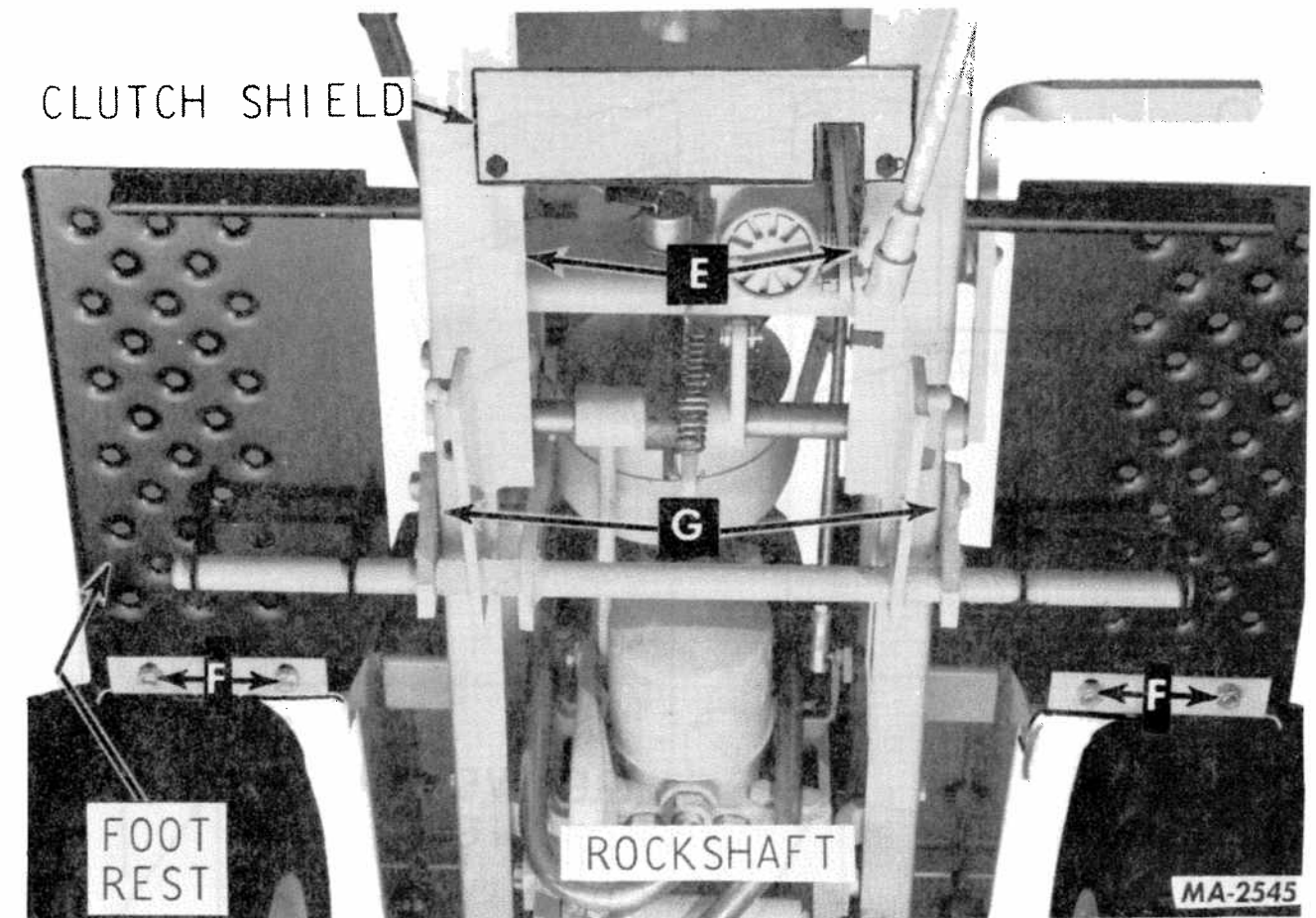
Remove the bolts "B" and "C" (Illust. 4) to remove the rockshaft and lift handle assembly from the tractor.

Install the replacement rockshaft using the old hanger brackets and replace the foot braces.

INSTALLING INSTRUCTIONS

STEP 2. FOOT REST AND ROCKSHAFT—Continued

APPLIES TO MODELS 104, 105, 124 AND 125 TRACTORS



Illust. 5
Underside of tractor.

Remove and discard the rockshaft and lift handle assembly. Retain the hanger brackets, nuts, bolts, and washers to install the replacement rockshaft.

To remove the rockshaft, first remove the foot rest by removing bolts "E" and "F"

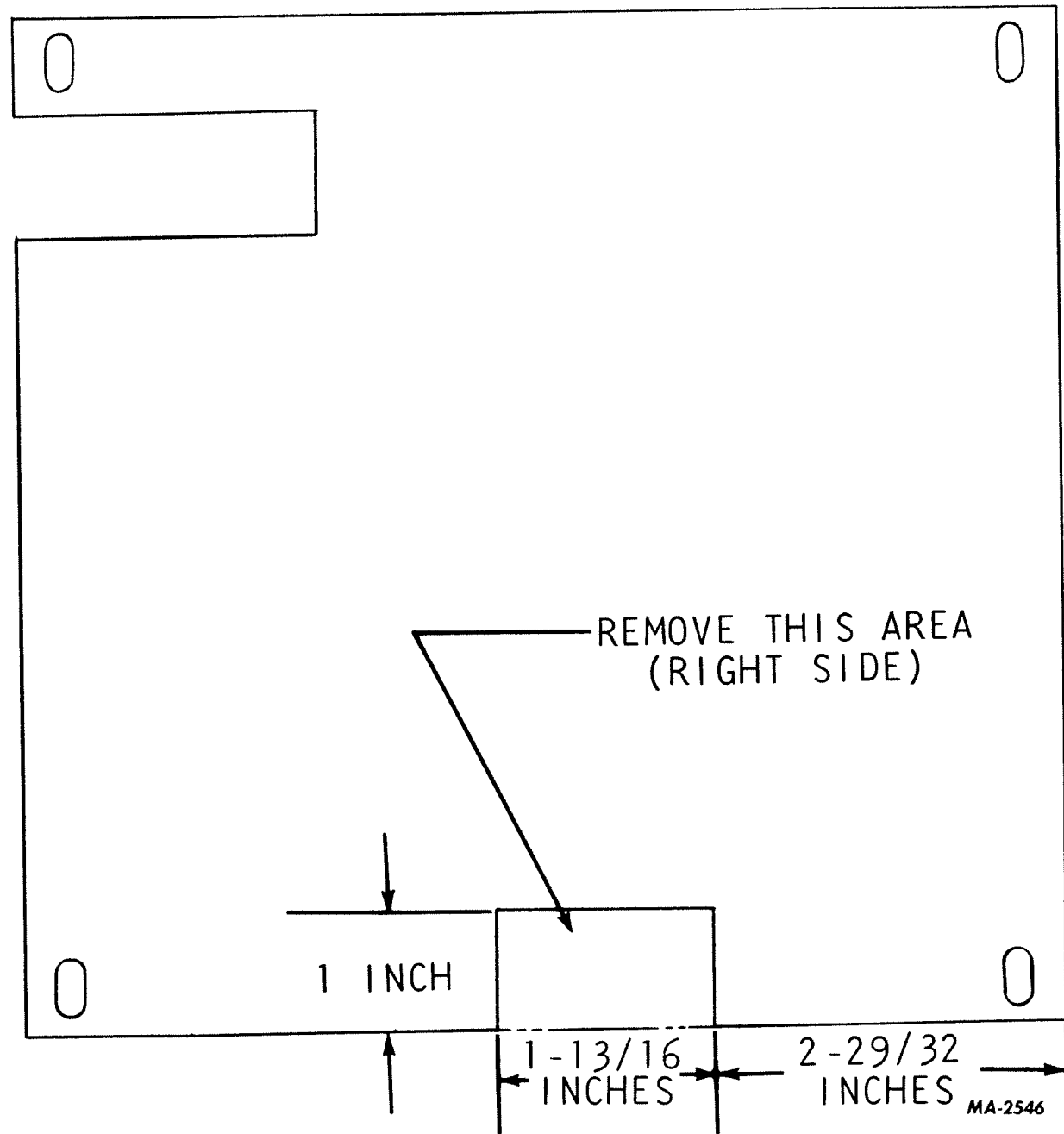
(three on each side) and then remove bolts "G" to remove the rockshaft and lift handle assembly from the tractor.

Install the replacement rockshaft and replace the foot rests.

INSTALLING INSTRUCTIONS

STEP 3. CLUTCH SHIELD

APPLIES TO MODELS 104, 105, 124 AND 125 TRACTORS



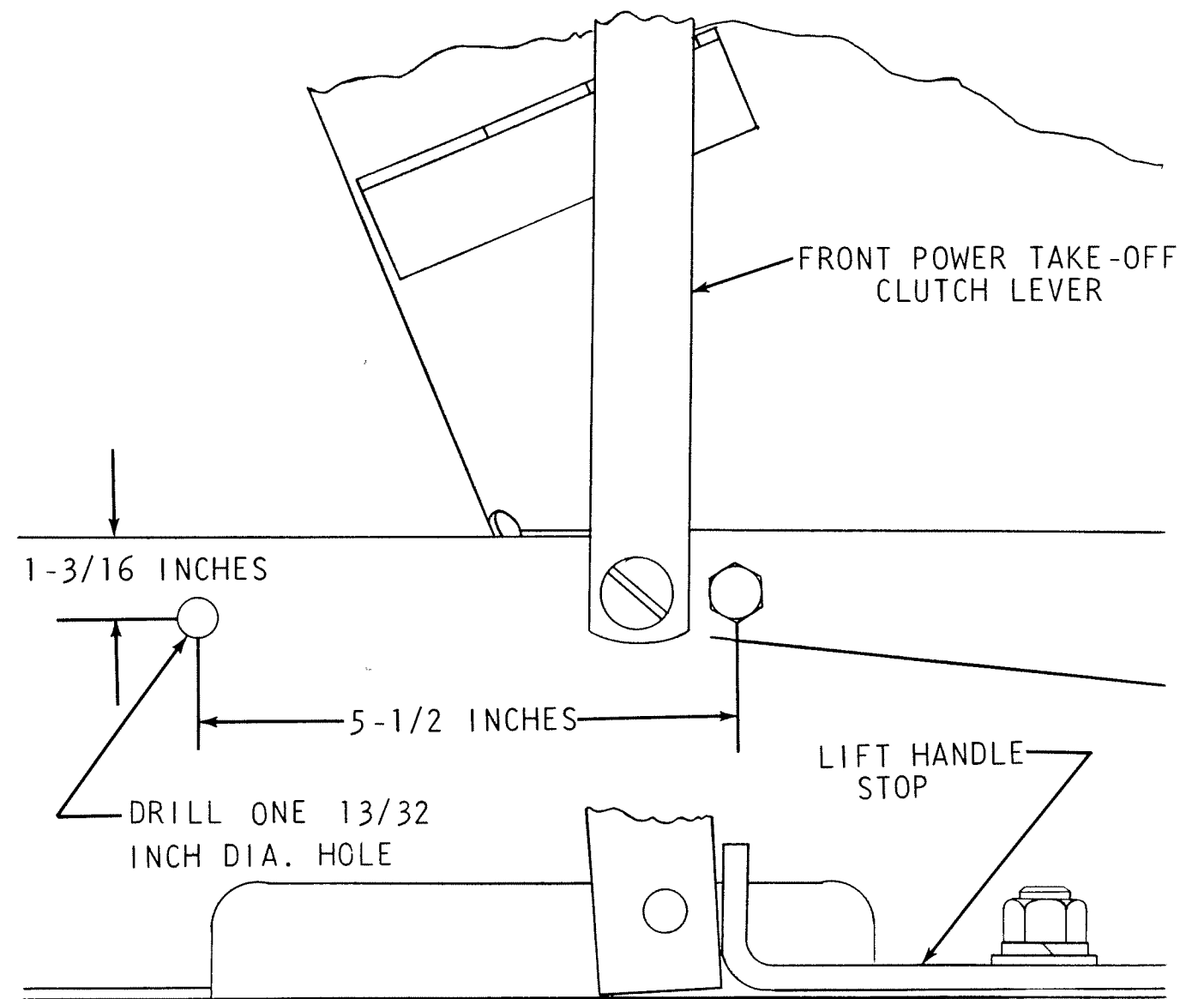
Illust. 6
Reworking diagram for clutch shield.

Also refer to Illust. 5.

INSTALLING INSTRUCTIONS

STEP 4. TRACTOR FRAME COVER

APPLIES TO MODELS 104, 105, 124 AND 125 TRACTORS

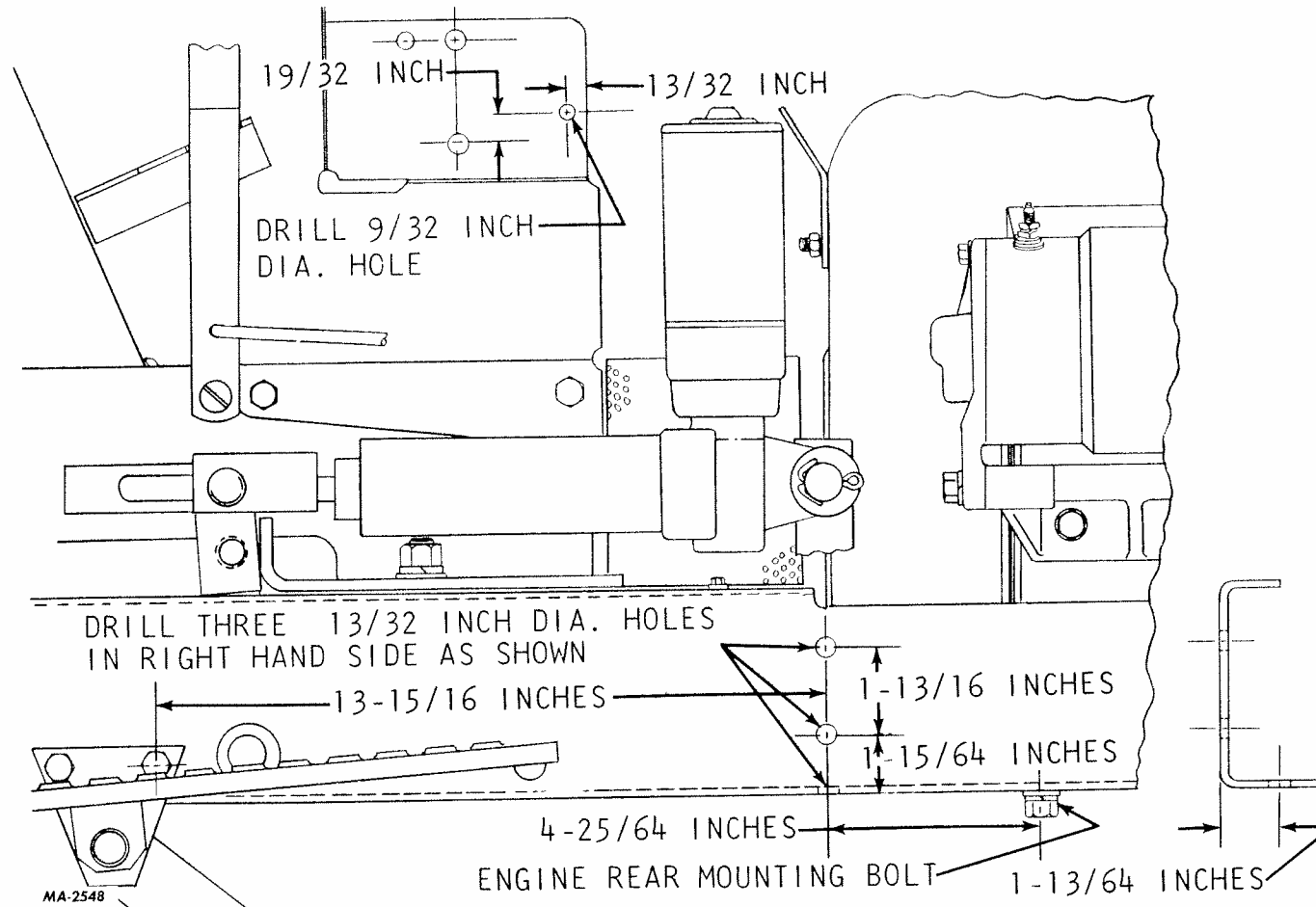


Illust. 7
Reworking diagram (right side).
This hole is required to attach the foot guard to the tractor.

INSTALLING INSTRUCTIONS

STEP 5. DRILLING DIAGRAM FOR MOUNTING BRACKET

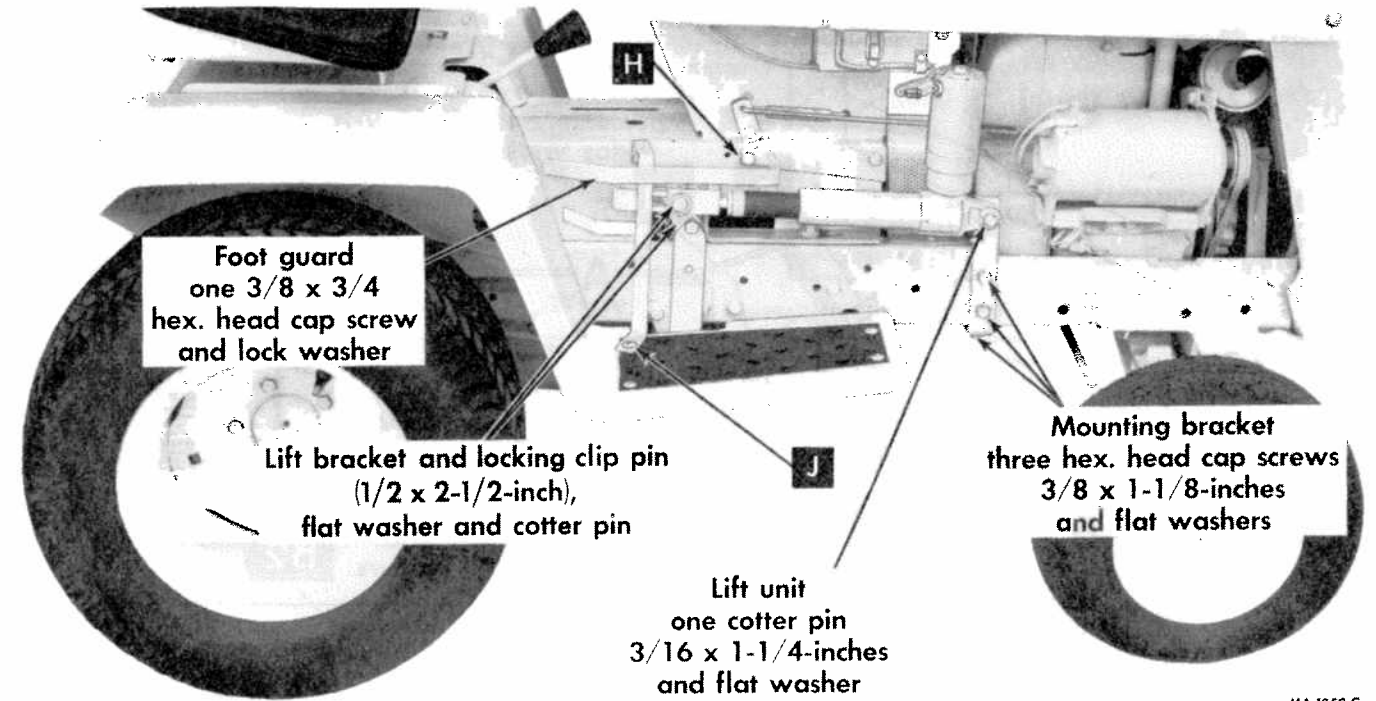
APPLIES TO MODELS 104, 105, 124 AND 125 TRACTORS



Illust. 8
Reworking diagram (right side).
Holes required for wiring clip and mounting bracket.

INSTALLING INSTRUCTIONS

STEP 6. ELECTRIC LIFT



Illust. 9

For the 106, 107, 126 and 127 Tractors proceed as follows:

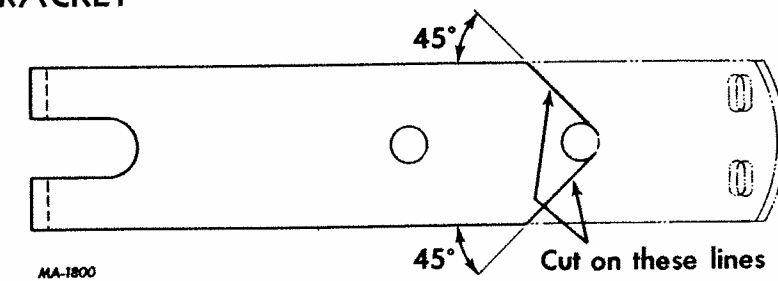
Attach the mounting bracket, lift unit, and locking clip to the tractor. Next, attach the foot guard. When attaching the foot guard, remove the hex. head cap screw "H" from the right-hand rear of the pedestal, and the truss head bolt "J" from the foot rest. See Step 6.

For the 104, 105, 124, and 125 Tractors proceed as follows:

Attach the mounting bracket, lift unit, and locking clip to the tractor. Next, attach the foot guard to the hole drilled in the frame cover in Step 4, the punched hole in the pedestal lip, and to the foot rest using the left rear-most punched hole.

After installing the electric lift unit on the tractor, follow the instructions given in Step 8.

STEP 7. LIFT BRACKET



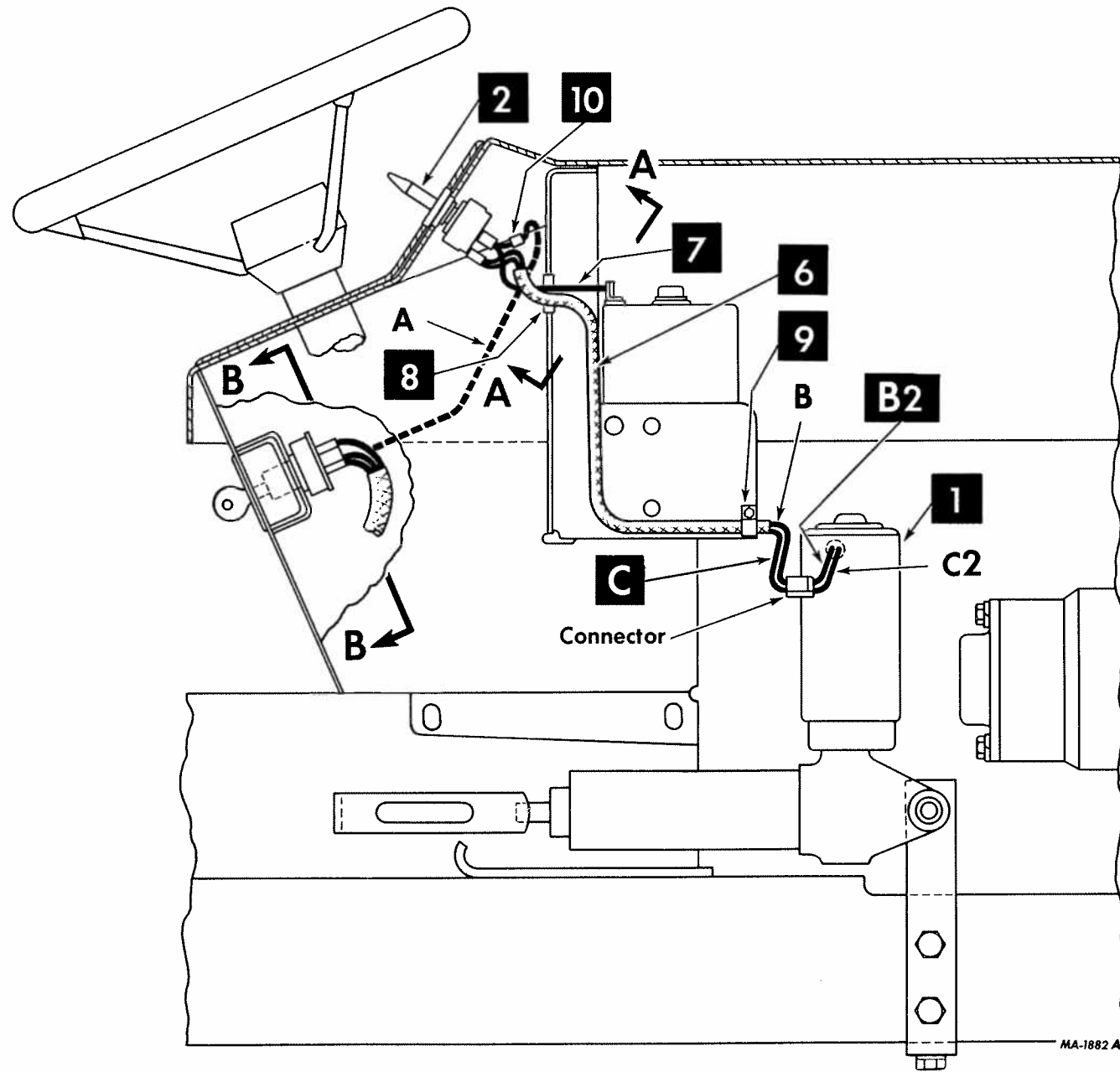
Illust. 9A
Reworking diagram for lift bracket.
Supplied with front mounted equipment only.

Bolt the reworked lift bracket to the lift arm as shown in Illust. 9, using a 1/2 x 1-inch hex. head cap screw. The lift bracket should be slipped on the rockshaft with the long side away from the frame.

INSTALLING INSTRUCTIONS

STEP 8. WIRING DIAGRAM AND SCHEMATIC DIAGRAM

APPLIES TO MODELS 106, 107, 126 AND 127 TRACTORS



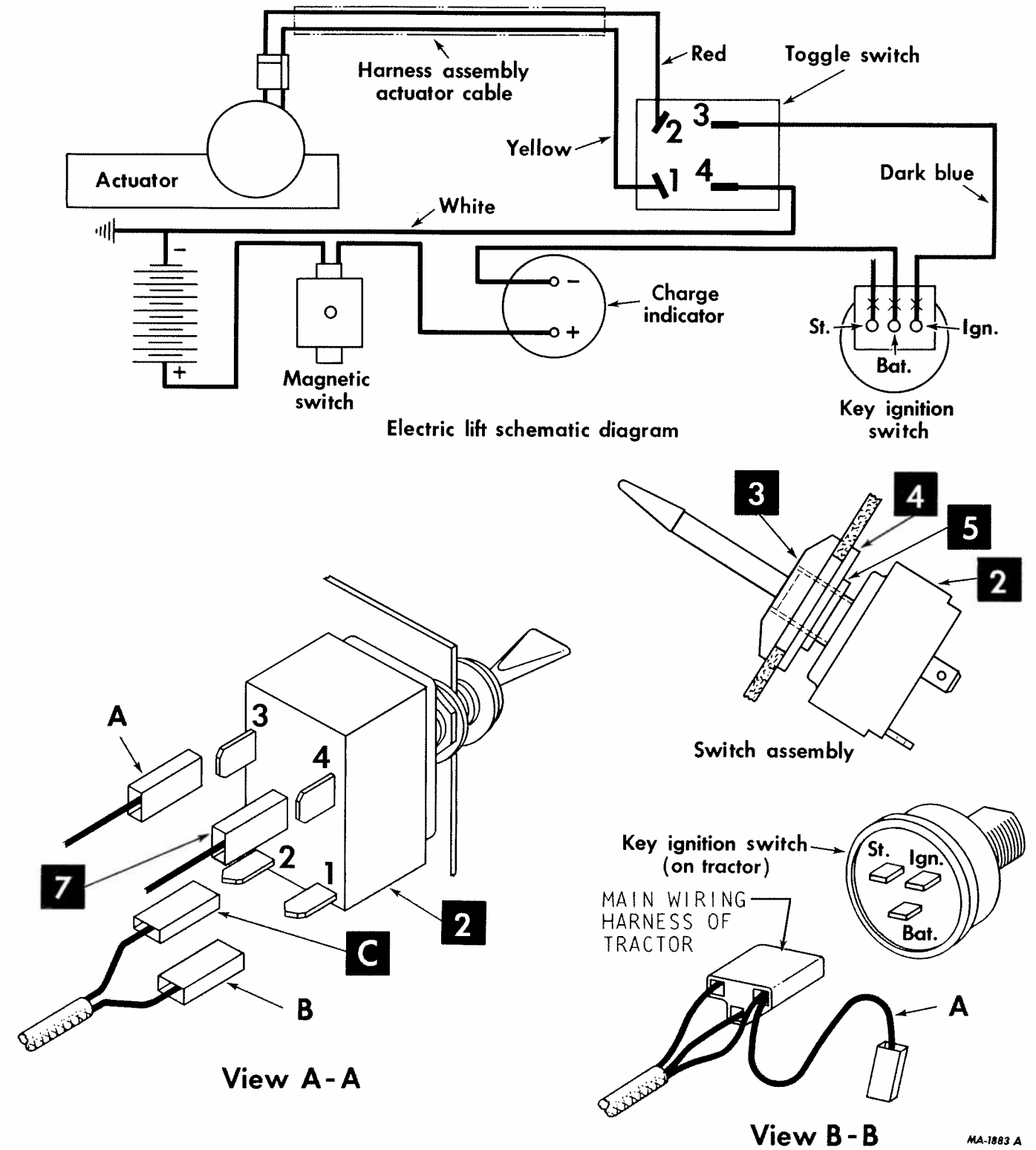
Illust. 10

Note: See page 14 for wiring instructions.

INSTALLING INSTRUCTIONS

STEP 8. WIRING DIAGRAM AND SCHEMATIC DIAGRAM—Continued

APPLIES TO MODELS 106, 107, 126 AND 127 TRACTORS



Electric lift schematic diagram

Switch assembly

View A-A

View B-B

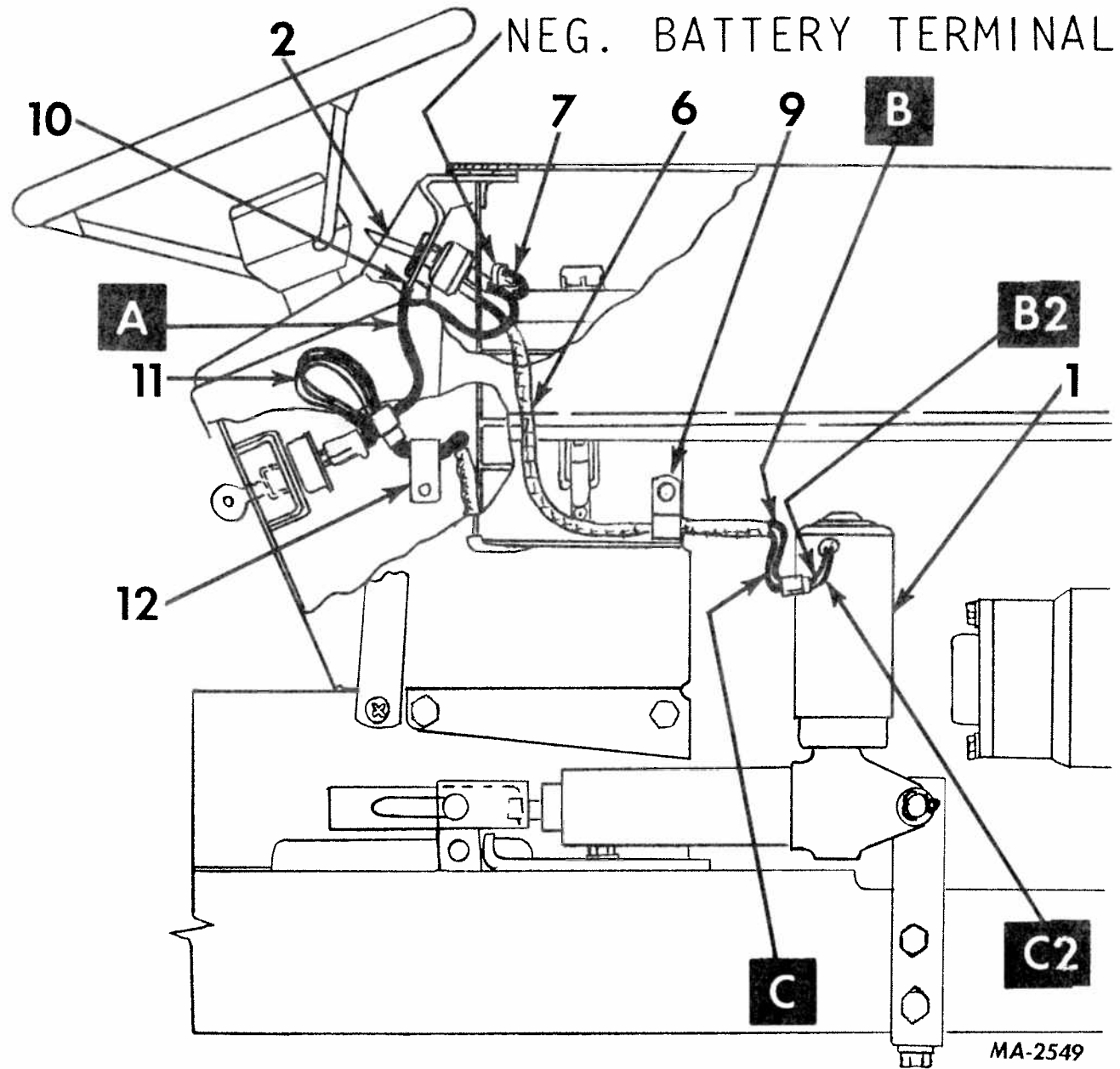
Illust. 11

Note: See page 14 for wiring instructions.

INSTALLING INSTRUCTIONS

STEP 8. WIRING DIAGRAM AND SCHEMATIC DIAGRAM—Continued

APPLIES TO MODELS 104, 105, 124 AND 125 TRACTORS



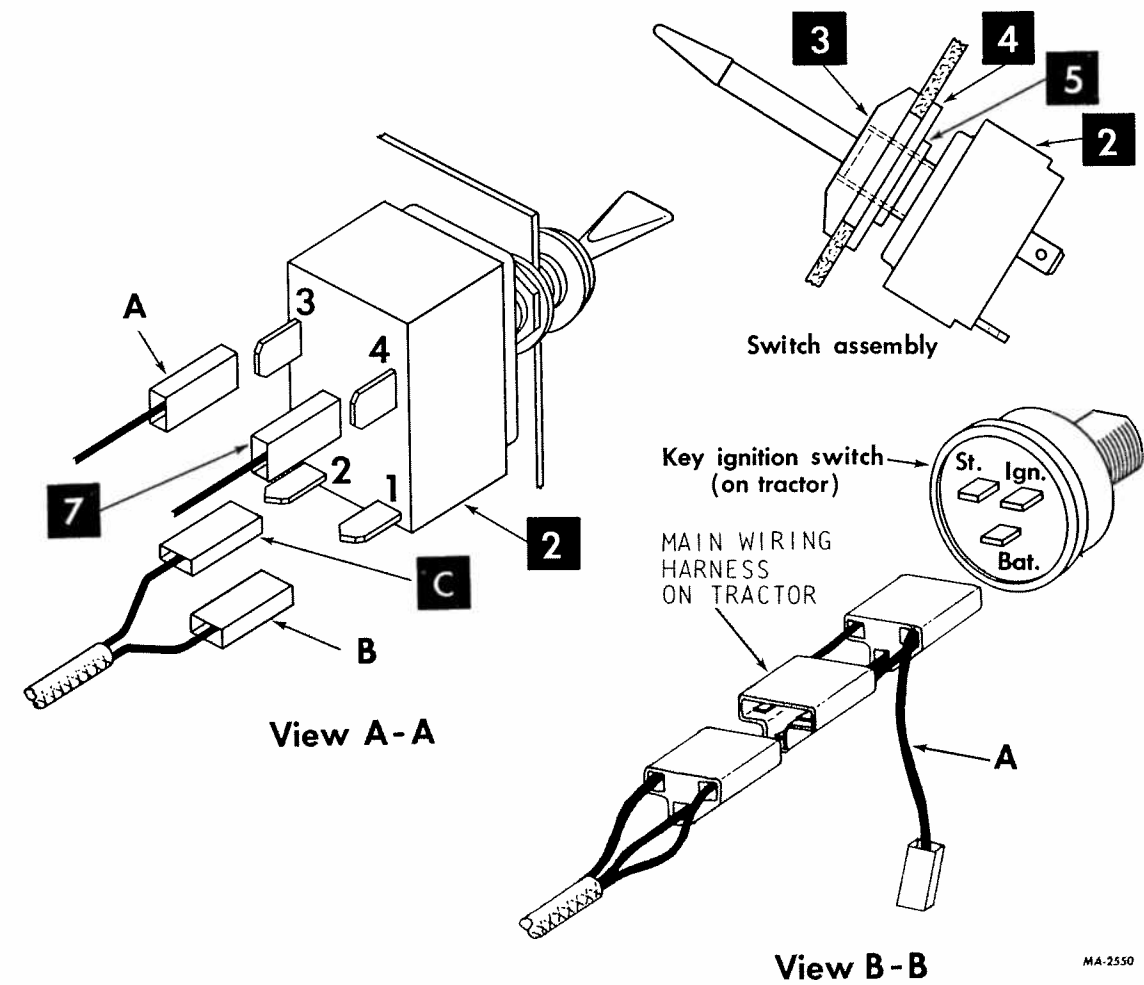
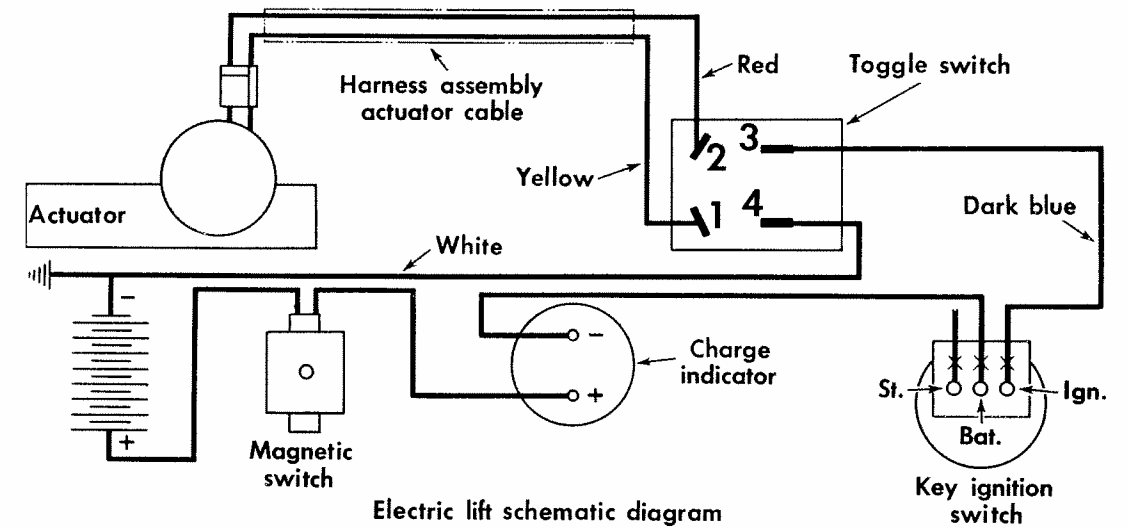
Illust. 12

Note: See page 14 for wiring instructions.

INSTALLING INSTRUCTIONS

STEP 8. WIRING DIAGRAM AND SCHEMATIC DIAGRAM—Continued

APPLIES TO MODELS 104, 105, 124 AND 125 TRACTORS



Illust. 13

Note: See page 14 for wiring instructions.

INSTALLING INSTRUCTIONS

STEP 8. WIRING DIAGRAM AND SCHEMATIC DIAGRAM—Continued

Ref. No.	Description
1.	Actuator
2.	Toggle switch actuator
3.	Actuator switch washer
4.	Flat round washer
5.	Actuator switch nut
6.	Actuator cable harness assembly
7.	Actuator cable assembly (#4 terminal to ground)
8.	Rubber grommet
9.	Clip - mounted on battery box with 1/4 x 3/8-inch bolt, lock washer and hex. nut.
10.	Clip - mounted on top of pedestal near toggle switch.
FOR MODELS 104, 105, 124 AND 125 TRACTORS ONLY.	
11.	Lift adapter harness assembly
12.	Clip - mounted on upper mounting bolt of magnetic switch.
Ref. Letter	
A.	Key ignition switch cable "IGN." - dark blue - Terminal to actuator toggle switch, No. 3 terminal. Untape leads from cable harness.
B.	Actuator toggle switch cable - yellow - No. 1 terminal to connector.
B2.	Actuator to connector cable - yellow.
C.	Connector to actuator toggle switch cable - red - No. 2 terminal.
C2.	Actuator to connector cable - red.

Refer to Illusts. 10 and 11, or 12 and 13.

Remove the battery before starting any of the wiring work.

All cable clips must grip the cables tightly to prevent vibration and rapid cable wear. Also, all cable clips must be positioned so that the cables and harnesses do not come in contact with any moving parts on the tractor.

The surface under all terminals must be clean and a good electrical connection established after assembly.

To provide a neat appearance to the final assembly, distribute all extra lengths of wire evenly between the cable clips. Also, be sure all connectors and cable terminals are fully engaged and securely assembled.

After all connections have been made, install the battery. Connect the red cable to the positive "+" terminal, and cover the terminal and bolt with the boot. Connect the white cable to the minus "-" terminal.



MEMBER, NATIONAL SAFETY COUNCIL

Accidents can be prevented with your help

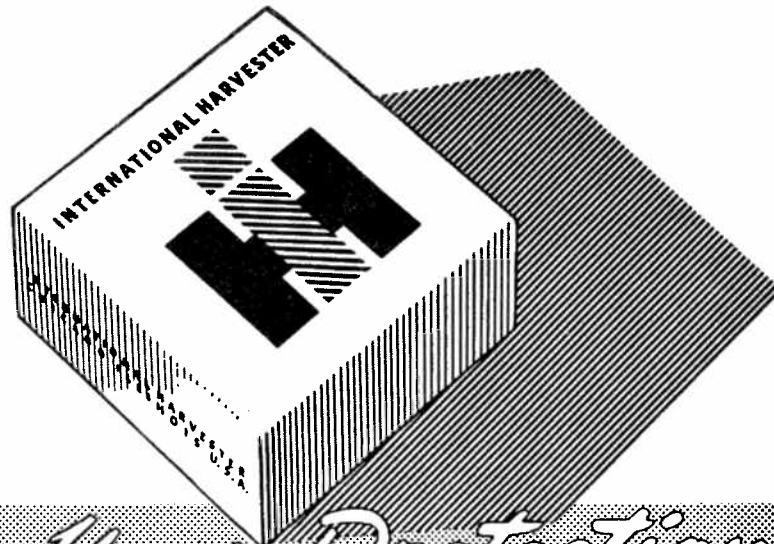
No accident-prevention program can be successful without the wholehearted co-operation of the person who is directly responsible for the operation of equipment.

To read accident reports from all over the country is to be convinced that a large number of accidents can be prevented only by the operator anticipating the result before the accident is caused and doing something about it. No power-driven equipment, whether it be transportation or processing, whether it be on the highway, in the harvest field or in the

industrial plant, can be safer than the man who is at the controls. If accidents are to be prevented—and they can be prevented—it will be done by the operators who accept a full measure of their responsibility.

It is true that the designer, the manufacturer, the safety engineer can help; and they will help, but their combined efforts can be wiped out by a single careless act of the operator.

It is said that "*the best kind of a safety device is a careful operator.*" We ask you to be that kind of an operator.



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