



**LIGHT KIT
FOR
PROFESSIONAL 2-WHEEL TRACTOR**

FORM NO. 46131(8-88)

PART NO. 45880

PRINTED IN USA
\$3.00

SECTION 1

INSTALLATION INSTRUCTIONS

1.1 To Install the Kit on an Electric Start Tractor:

Refer to the Illustration in Section 2 for orientation of parts.

1. Remove the cable from the negative battery terminal.
2. With the hood raised to prevent damage to the battery, gas tank, wires or other components, drill a 9/16 inches diameter hole in the center of the tractor hood, between 3 and 4 inches from the front of the hood.
3. Locate an area on the instrument panel with adequate clearance from the hitch, ignition switch, controls, hourmeter and other components. Drill and file to produce a .55x1.10 rectangular slot in the instrument panel.
4. Remove the wire from the positive post on the hourmeter and cut off the existing female terminal. Strip about .22 inches of the insulation from the end of the wire.
5. Insert one end of the short(12") wire and the stripped end of the hourmeter wire into the two-wire female blade terminal and crimp the terminal. Crimp a one wire female blade terminal to the other end of the short wire.
6. Crimp a male shure plug terminal to each wire on the light.
7. Cut the long (60") wires to the desired length. The wires should be long enough to permit the hood to be raised after they are fastened (Step 16) to the frame of the tractor.
8. Crimp a female shure plug terminal to one end of each of the long wires. Crimp a female blade terminal to the other end of one of the long wires and the ring tongue terminal to the other end of the other long wire.
9. Insert the grommet into the hole which was drilled in the hood.
10. Thread the wires from the light through the grommet, flat washer and nut. Tighten the nut to secure the light to the hood.
11. Insert the switch into the rectangular hole which was made in the instrument panel.
12. Connect the two wire terminal to the positive post of the hourmeter.
13. Connect the remaining end of the short wire to one post of the light switch.

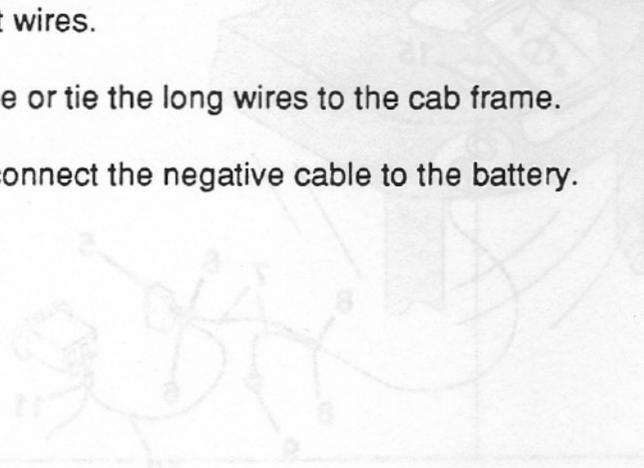
ITEM NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
4553	3/8-16x1.25	Hex Bolt	1	
4519	3/8-16x1.25	Hex Bolt	1	
3512	3/8-16x1.25	Hex Bolt	1	
41722	3/8-16x1.25	Hex Bolt	1	

14. Remove one of the 3/8-16x1.25 hex bolts which fastens the handlebars to the handlebar support brackets. Put the bolt through the ring tongue terminal and through the hole from which it was removed and fasten with the lock nut.
15. Connect the end of the long wire which has the female blade terminal to the light switch. Connect the remaining ends of the long wires to the male shure plug terminals on the light wires.
16. Tape or tie the long wires to the tractor frame or tractor wiring harness. Leave enough slack in the wires near the light to permit the hood to be raised without pulling the wires.
17. Reconnect the negative cable to the battery.

1.2 To Install the Kit on a Tractor Equipped with a Cab:

Refer to the Illustration in Section 2 for orientation of parts.

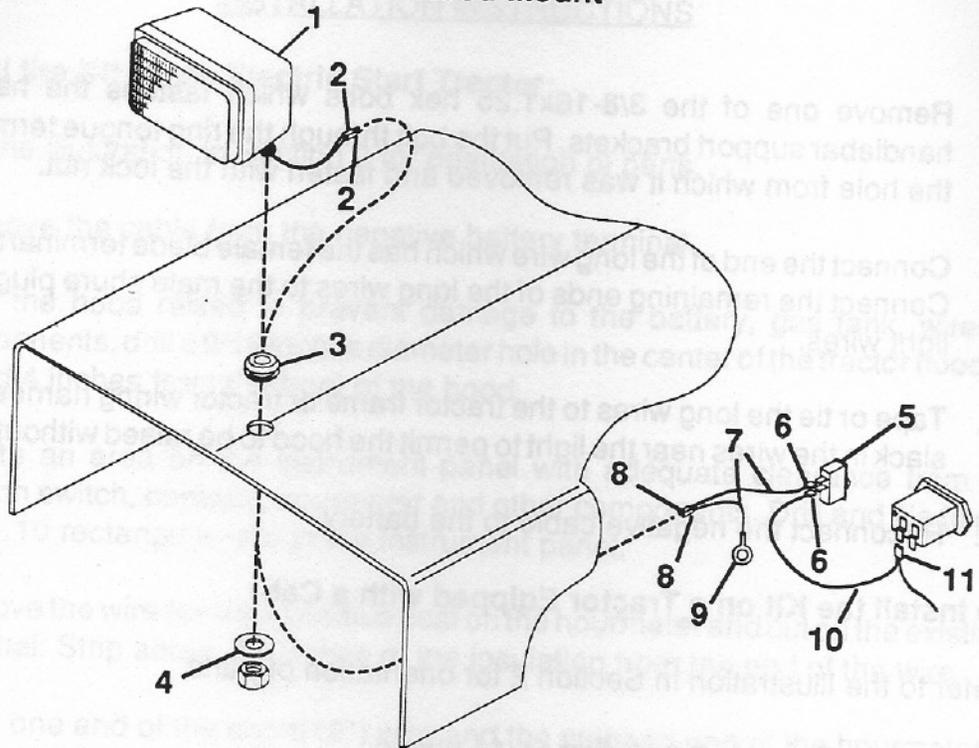
1. Follow Steps 1, 3-6, 8 and 11-14 above.
2. Put a 1/4-20x1.00 hex bolt in each of the small holes of the top cab bracket and slide the bracket between the cab frame and the cab. Position the bracket so that both bolts are between the ribs of the cab frame. Push a knife through the center hole of the bracket and through the cab to produce a small hole in the cab.
3. Thread the wires from the light through the hole in the cab and the center hole in the bracket and retain with the lock washer and nut. Fasten the top cab bracket and the bottom cab bracket to the cab frame with the two 1/4-20 hex bolts and lock nuts.
4. Connect the end of the long wire which has the female blade terminal to the light switch. Connect the remaining ends of the long wires to the male shure plug terminals on the light wires.
5. Tape or tie the long wires to the cab frame.
6. Reconnect the negative cable to the battery.



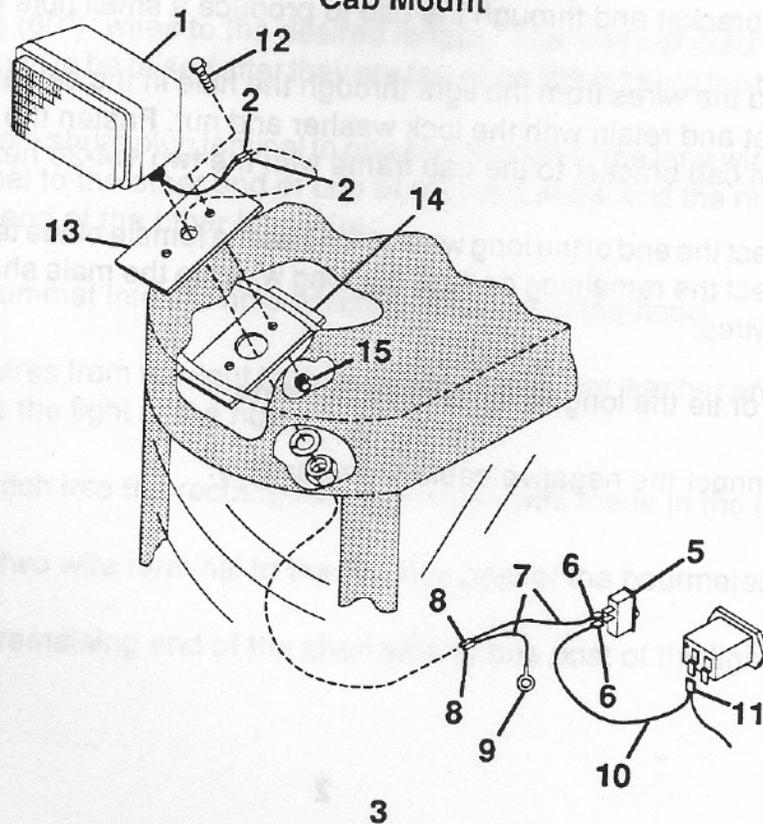
SECTION 2

ILLUSTRATED PARTS AND PARTS LIST

Hood Mount



Cab Mount



ITEM				ITEM			
NO.	PART NO.	QTY.	DESCRIPTION	NO.	PART NO.	QTY.	DESCRIPTION
1	45513	1	Headlamp, 3x5 Halogen	9	46133	1	Terminal, Ring Tongue
2	46136	2	Terminal, Male	10	46135	1	Wire, #2
3	35518	1	Grommet	11	46132	1	Terminal, Female 2-Wire
4	417098	1	Washer, Flat .531x1.000x.063	12	180022	2	Bolt, Hex 1/4-20x1.00
5	46060	1	Switch, Light	13	45934	1	Bracket, Cab Top
6	46184	2	Terminal, Female 1-Wire 16 Ga.	14	45935	1	Bracket, Cab Bottom
7	46134	2	Wire, #1	15	419454	2	Nut, Lock 1/4-20
8	46137	2	Terminal, Female	NS	10629	6	Tie, Cable