

ASSEMBLY, OPERATING INSTRUCTIONS AND PARTS LIST FOR **SEARS**

12 VOLT LIGHTING KIT

FOR CUSTOM TRACTOR MODEL NUMBER 917.99810 & 917.25090

MODEL NUMBER - 917.250220

The above number is the Model Number of your 12 Volt Lighting Kit. Always mention this Model Number when communicating with us regarding the 12 Volt Lighting Kit or when ordering repair parts.

HOW TO ORDER REPAIR PARTS

All parts listed herein may be ordered through Sears, Roebuck and Co. or Simpsons-Sears Limited. When ordering parts by mail from the mail order house which serves the territory in which you live, selling prices will be furnished on request or parts will be shipped at prevailing prices and you will be billed accordingly.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION AS SHOWN IN THIS LIST:

1. The PART NUMBER
2. The PART NAME
3. The MODEL NUMBER- 917.250220
4. The NAME of item-Lighting Kit

COAST TO COAST NATION-WIDE

SERVICE FROM SEARS

Sears, Roebuck and Co. and Simpsons-Sears Limited in Canada back up your investment with quick, expert mechanical service and genuine replacement parts.

If and when you need repairs or service, call on us to protect your investment in this fine piece of equipment.



**SEARS, ROEBUCK AND CO.—U.S.A.
SIMPSONS-SEARS LIMITED—CANADA**

INTRODUCTION

This light kit is designed for tractors with electric starter, which have a generator to keep battery charged.

Each Light Kit is given a thorough inspection before shipment; however, it is important that it be again checked at the time of receipt to ascertain if any damage has occurred in transit.

Your Light Kit was shipped complete in one carton.

Stock No. 25022

SETTING UP INSTRUCTIONS

Setting Up Instructions should be studied very closely before beginning to assemble your Light Kit. A letter in parentheses in the following instructions refer to an arrow in the adjoining Figure (Illustration) unless otherwise stated.

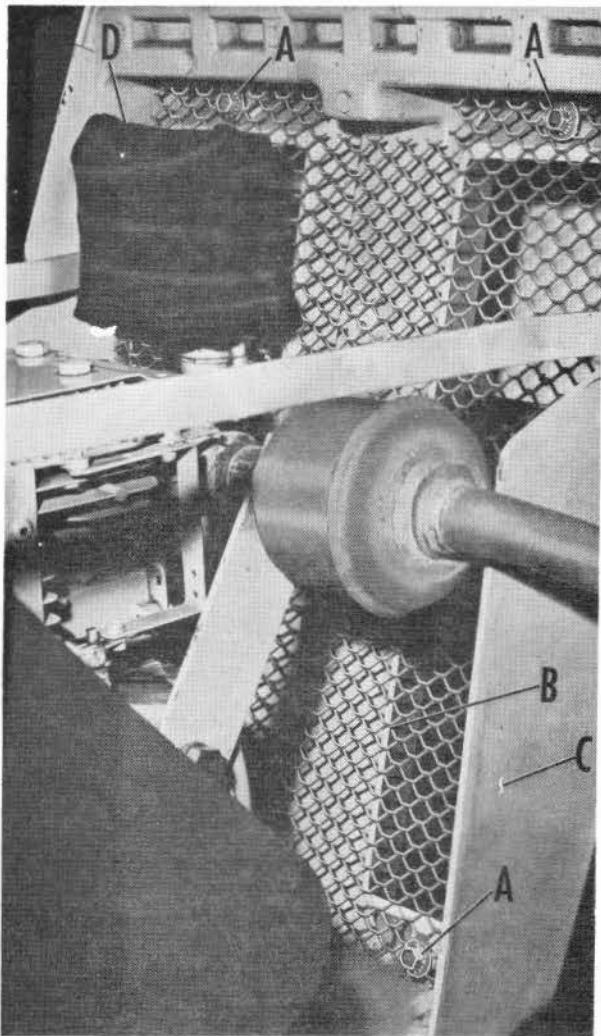


FIG. A

1. Raise cowl and remove five hex head screw and washers (A) holding grill screen (B) to grill frame (C) and slip grill screen (B) up and out of grill frame (C). Refer to Fig. A. Note: Two bolts are at upper corners of screen, one at center and two at lower corners of screen and grill frame. Note: Model Number 197.25090 custom tractor is equipped with the new type air cleaner elbow. Therefore discard air cleaner elbow, gaskets, etc. received with light kit, and ignore steps two and three listed below.

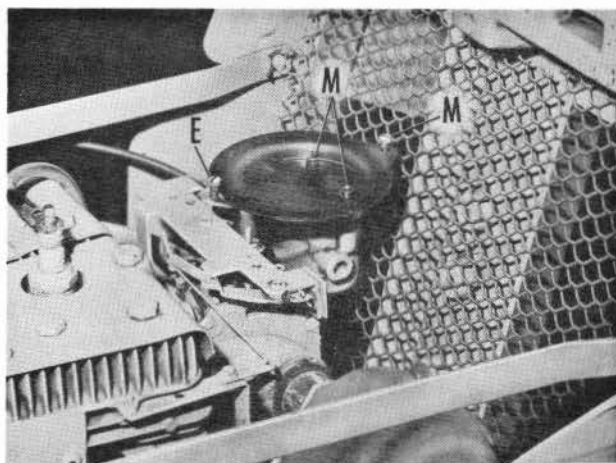


FIG. B

2. On Model Number 917.99810, 4 speed custom, it is necessary to remove present air cleaner elbow and spacer and install new offset air cleaner elbow and gaskets furnished. This will place air cleaner nearer to center of grill and away from L.H. head light. To remove elbow from Model Number 917.99810 tractor, remove cloth bag (D) and spring from air filter. Refer to Fig. A. Loosen two screws (M) holding cover to base. See Fig. B. Twist cover slightly to remove cover and element. Remove two screws (E), Fig. B, holding air filter base and spacer to elbow, and remove base and spacer. Refer to Fig. B. Remove two screws holding elbow to engine carburetor, remove old elbow, and discard elbow and spacer.

Note: If short screw driver is not available, it may be necessary to remove grill frame from tractor to remove old elbow and install new elbow. Grill is held to tractor with two bolts at bottom of grill frame, and two cotters at top of grill frame and front end of grill braces. Refer to Fig. C.

SETTING UP INSTRUCTIONS--CONTINUED

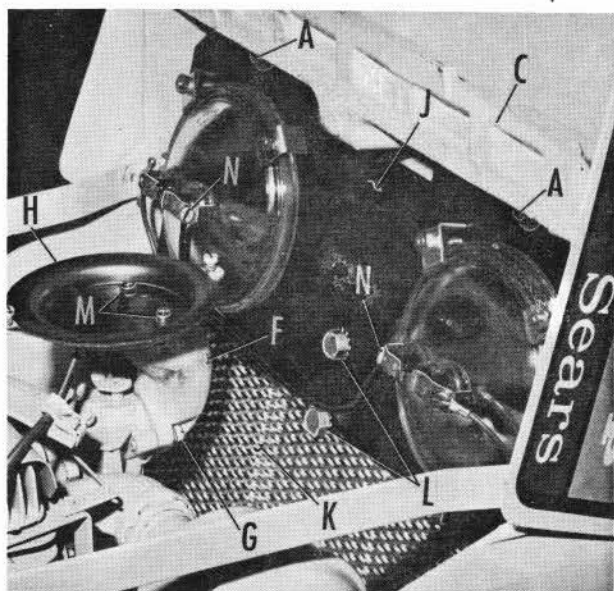


FIG. C

3. Refer to Fig. C. Assemble new elbow (F) to engine with two new screws (G) and 1 gasket furnished. Tighten screws (G) securely. Assemble air filter base (H) to new elbow with remaining screws (M) and gasket furnished, and tighten screws securely.
4. Refer to Fig. C. Assemble two lead wires 6136H (8" long) one on each head light, with open end of terminal to head light screw (N). Assemble head lights and panel assembly (J) to grill frame (C), with two hex head screws and washers (A) (removed in step one) to top corners of panel (J) and grill frame (C).
5. Assemble new grill screen (K) to lower grill frame (C) with the remaining three hex head screws and washers (removed in step one). One bolt in upper center of new screen and two in lower corners.
6. Secure lower center of head light panel to center of grill frame (C) with two 5/16 x 5/8 hex head self tapping screws (L) and flat washers. Tighten all bolts securely.
7. Reassemble element and cover and tighten screws. Replace spring and cloth bag over air filter.
8. Remove battery from tractor.

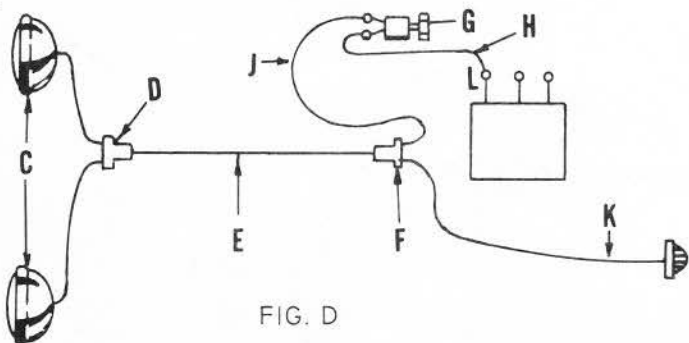


FIG. D

9. Attach wires from both headlights (C) to one of the two wire connectors (D) furnished, as shown in Fig. D. Push wires into connector firmly.
10. Attach 6144H lead wire (E) (24 inches long) to wire connector (D).
11. Thread wire (E) around L.H. side of air cleaner back along grill brace, and under gas tank and battery supports.
12. Attach remaining wire connector (F) to lead wire (E) as shown in Fig. D.
13. Assemble lead wires 6135H (H) and 6136H (J) to light switch (G), one to each terminal. Attach shortest wire 6136H (J) to wire connector (F).

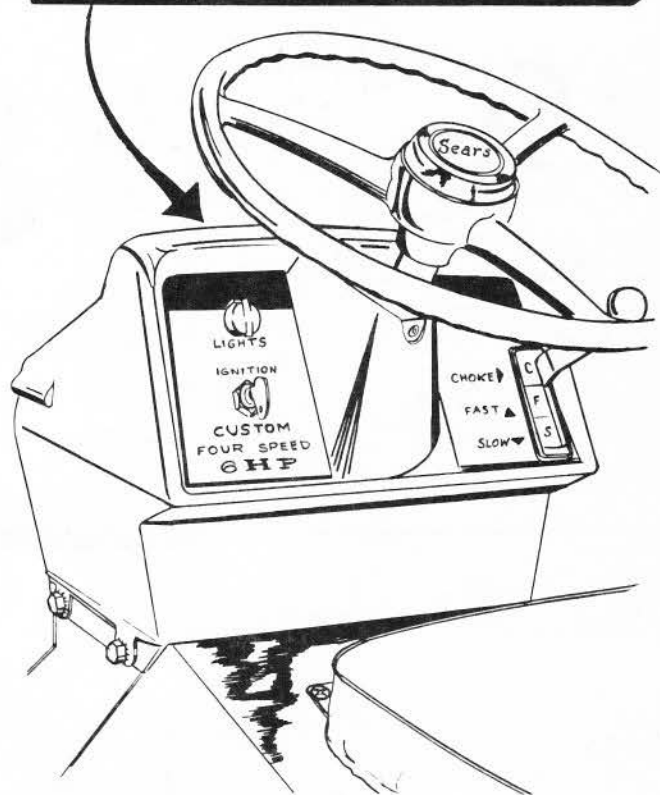
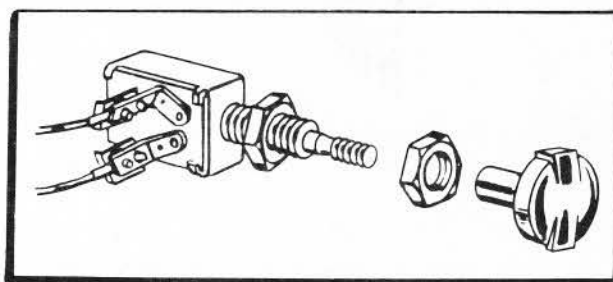
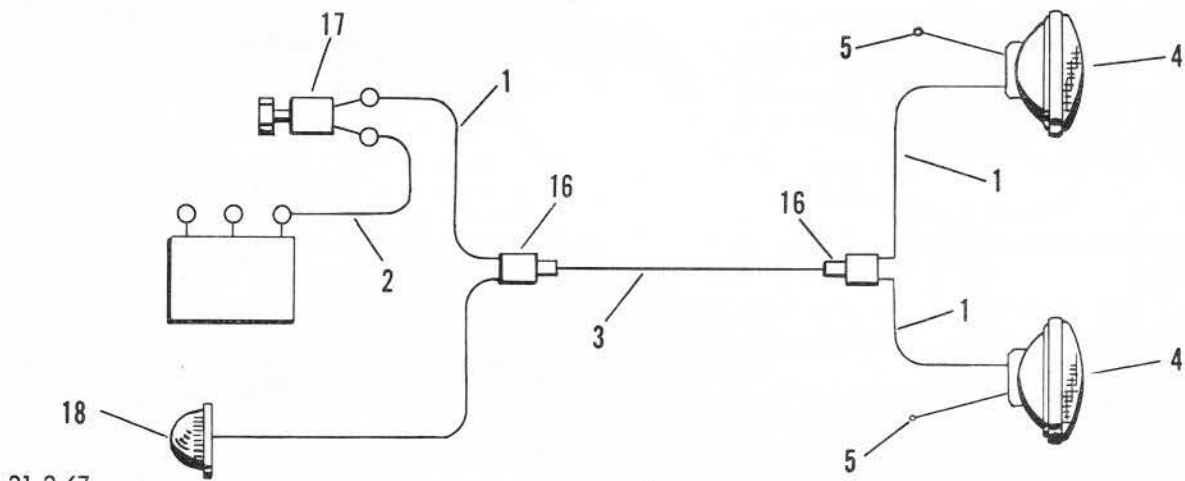
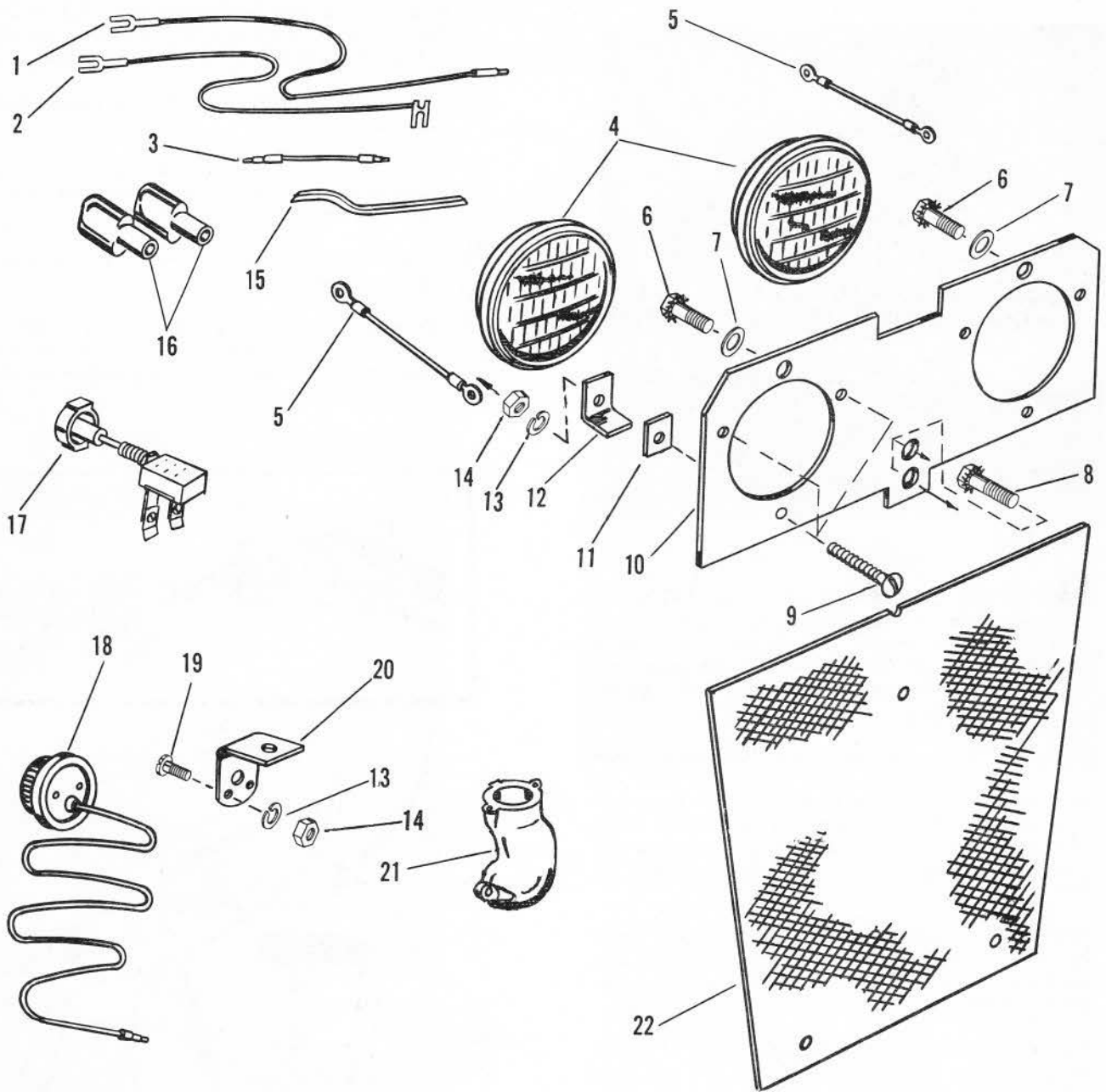


FIG. E

14. Remove plug button and assemble switch (G) in hole in dashboard (M) with terminals of switch to left. Assemble switch to dashboard with nut. Tighten securely then screw knob on tight.

Setting Up Instructions continued on page 6.

12 VOLT LIGHT KIT FOR 1966 AND 1967 CUSTOM TRACTORS -- MODEL NUMBER 917.250220



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6136H	Lead Wire	10	7028H	Head Light Panel
2	6135H	Lead Wire	11	7032H	Rubber Spacer
3	6144H	Lead Wire	12	7029H	Mounting Clip
4	7034H	Head Light	13	131183	Lockwasher #10 pltd.
5	7035H	Ground Wire	14	274737	Hex Nut #10-24 pltd.
6	21030410	Hex Hd. Self Tapping Screw W/Sems External	15	3498H	Tie
		Lockwasher 1/4-20 x 5/8	16	5740H	Wire Connector (Y type)
7	1909 1216	Washer 17/64 x 3/4 x 16 Ga.	17	5735H	Light Switch
			18	6134H	Tail Light
8	9409101	Hex Hd. Mach. Screw W/ Sems External Lockwash er 5/16-18 x 5/8 pltd.	19	187463	Slotted Truss Hd. Mach. Screw #10-24 x 1/2 pltd.
			20	6440H	Tail Light Bracket
9	21351014	Slotted Rd. Hd. Mach. Screw #10-24 x 7/8 Black	21	7550H	Air Cleaner Elbow
			22	7163H	Grill Screen
			---	7551H	Instruction Sheet

SETTING UP INSTRUCTIONS--CONTINUED

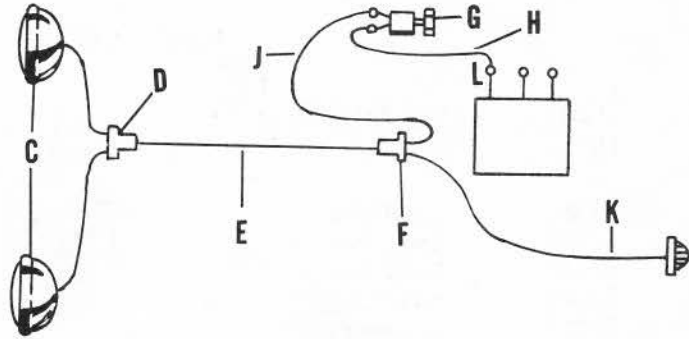
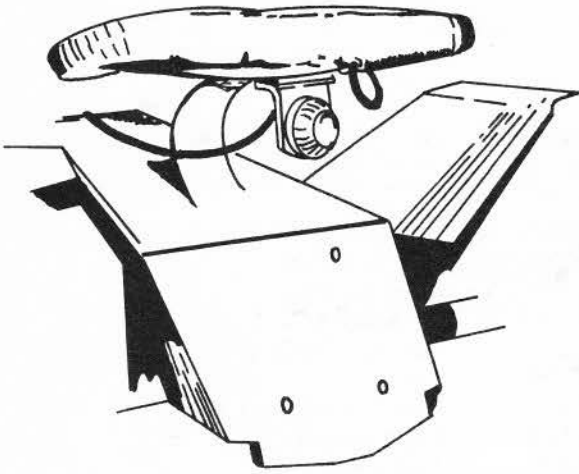


FIG. G

17. Thread tail light wire (K) forward on left side of seat spring, down through shift lever hole under L.H. side of frame, then up along steering column. Attach tail light wire (K) to wire connector (F). Refer to Fig. G.
18. Attach remaining wire (H) from light switch to (L) terminal of voltage regulator.
19. Use ties furnished to tie lead wire (E) to grill frame brace, in at least two places. See Fig. G.
20. Replace battery in tractor with battery bolts and clamp. Be sure battery cables are tight on battery terminals, and that covered cable is assembled in (+) positive terminal and ground strap is assembled to (-) negative terminal.

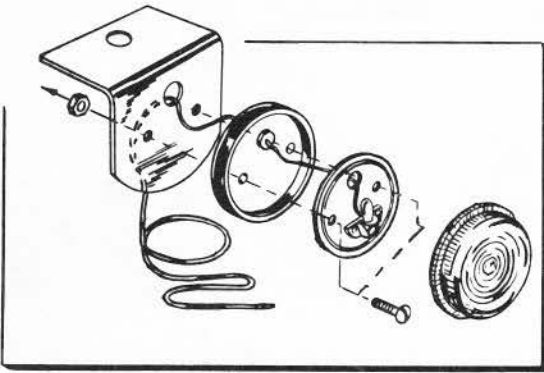


FIG. F

Assemble tail light (K) to bracket (L) with two truss Hd. slotted machine screws and hex nuts provided as shown in Figure F.

Remove nut and washers from bolt holding seat to spring and assemble tail light and bracket under seat spring. Replace nut and washers and tighten securely.