

Instructions for Installing Unity Super Road Lamp

SPECIAL NOTICE—When assembling brackets on lamp, be sure to use nut "H" which has two $\frac{1}{4}$ -20 holes drilled and tapped into sides on bolt "D"—See Figure 1 on reverse hereof. See **THEFT-PROOF LOCK INSTRUCTIONS** at end of installation instructions.

1. Mount Road Lamps, as far back as possible, on front bumper support arms as shown in Figure 1 on reverse hereof, swinging lamp head and upper part of bracket (C) as close as possible to apron or grill before tightening bracket with nut (A). On single installations, we suggest mounting lamp on right bumper support arm. Tighten bracket nut securely.
 2. Drill $\frac{5}{16}$ " holes through apron directly in back of lamps. Place rubber grommet supplied with each lamp in hole and run waterproof cable through hole.
 3. On dual installations, run cable from lamp on right side across to cable from left lamp. Cut right cable and splice to left cable as indicated in Figure 2.
 4. Mount switch furnished with each lamp in convenient place on left side of instrument panel, either clamping to panel flange, or drilling and attaching through panel, as preferred.
 5. Bring cable from left lamp (See "E" in figure 2) up to Road Lamp Switch and attach to terminal indicated.
 6. Attach one end of short wire furnished with each Road Lamp (See "F" in figure 2) to Battery Terminal at end of Fuse Block on Road Lamp Switch and connect with Battery Terminal (Live Side of Ammeter) on Light Switch Block.
 7. Attach one end of short wire furnished with each Road Lamp (See "G" in figure 2) to Tail Lamp Terminal on Road Lamp Switch and connect with Tail Lamp Terminal on Light Switch Block. (If preferred this wire can be spliced into tail lamp wire.)
- N. B.—Terminals are supplied with Road Lamps—the ones with round hole for attaching wires to Road Lamp Switch—the open end type for use in connecting wires to Light Switch Block.

TO AIM LAMPS

8. Lamp heads are locked in proper position by bolt "D" at ball and socket joint. See Figure 1.
9. With lamps mounted and connected—place car on level place twenty feet (20') away from garage door or wall.
10. Measure distance from floor to center of Road Lamp Heads. Spot or draw a horizontal line on door or wall at Road Lamp Head center just determined. See Figure 3.
11. Then spot or draw a horizontal line on wall ten inches (10") below horizontal line representing the Road Lamp center. See Figure 3.
12. Spot vertical center of car on door or wall by sighting through rear window in line with radiator cap. See Figure 3.
13. Turn on Road Lamps—cover one lamp—then set head of other lamp so that top of beam is at the horizontal line spotted as indicated in paragraph 11 above—and so that center of this beam is same distance from vertical line spotted as indicated in paragraph 12—as vertical center of lamp head is from vertical center of car. Then lock head lamp in that position by tightening bolt "D". Repeat this process with the other lamp.
14. On single installation—adjust lamp in same manner as indicated for right hand lamp in paragraph 13 for dual installation.

We recommend, in adverse weather, that the head lamps be turned off—and the Road Lamps be turned on, except in those states that specifically prohibit such custom. In clear weather—we recommend the use of Road Lamps **in conjunction with**—but not in place of—the head lamps.

N. B.—THIS LAMP IS DESIGNED TO USE No. 2330 BULB, BRIGHT CENTERED FILAMENT ONLY.

THEFT-PROOF LOCK INSTRUCTIONS: After installing and aiming lamps in accordance with above instructions—BEING SURE THAT NUTS "A" and "H" ARE SCREWED ON BOLTS AS TIGHTLY AS POSSIBLE—insert the $\frac{1}{4}$ " set screw "I" into threaded hole in nut "H" and the $\frac{3}{8}$ " long set screw "K" into threaded hole in bracket clamp "J". Screw these set screws against bolts, continuing to screw them in until heads of set screws twist off.

Nut "H" and clamp "J" are thus permanently locked into place, making lamp theft-proof.

Product of

UNITY MANUFACTURING COMPANY

2909 INDIANA AVENUE

CHICAGO, ILLINOIS

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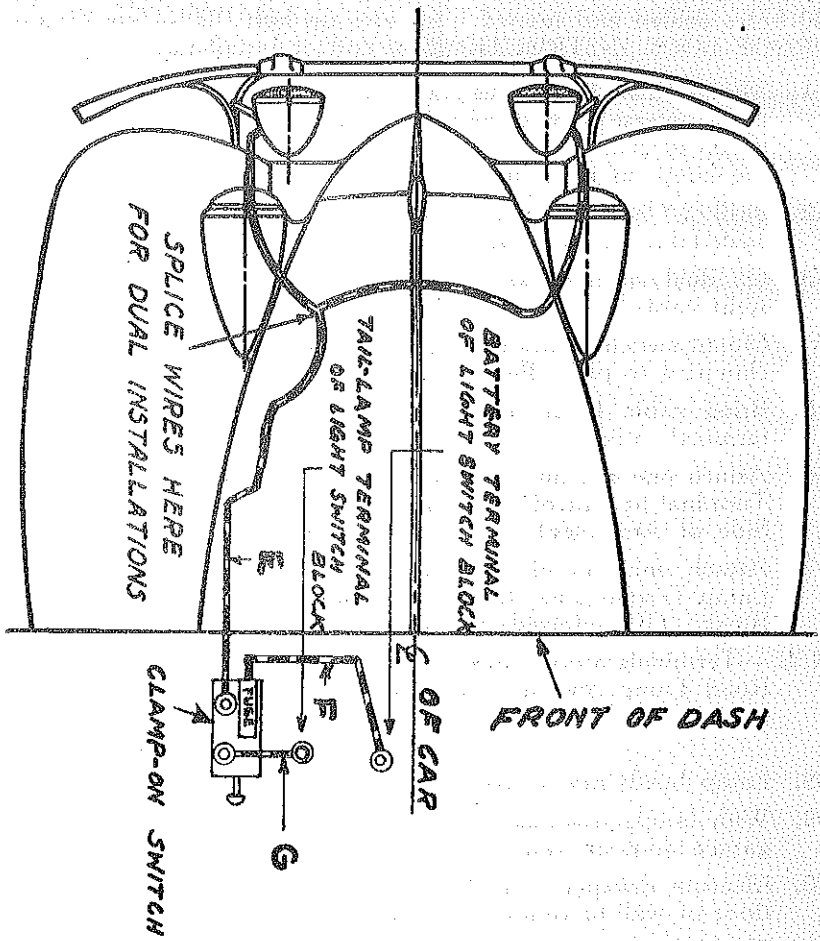


Figure 2

VERTICAL CENTER OF LAMP →	← CENTER OF CAR
HORIZONTAL CENTER OF LAMP	↓ 10"

Figure 3

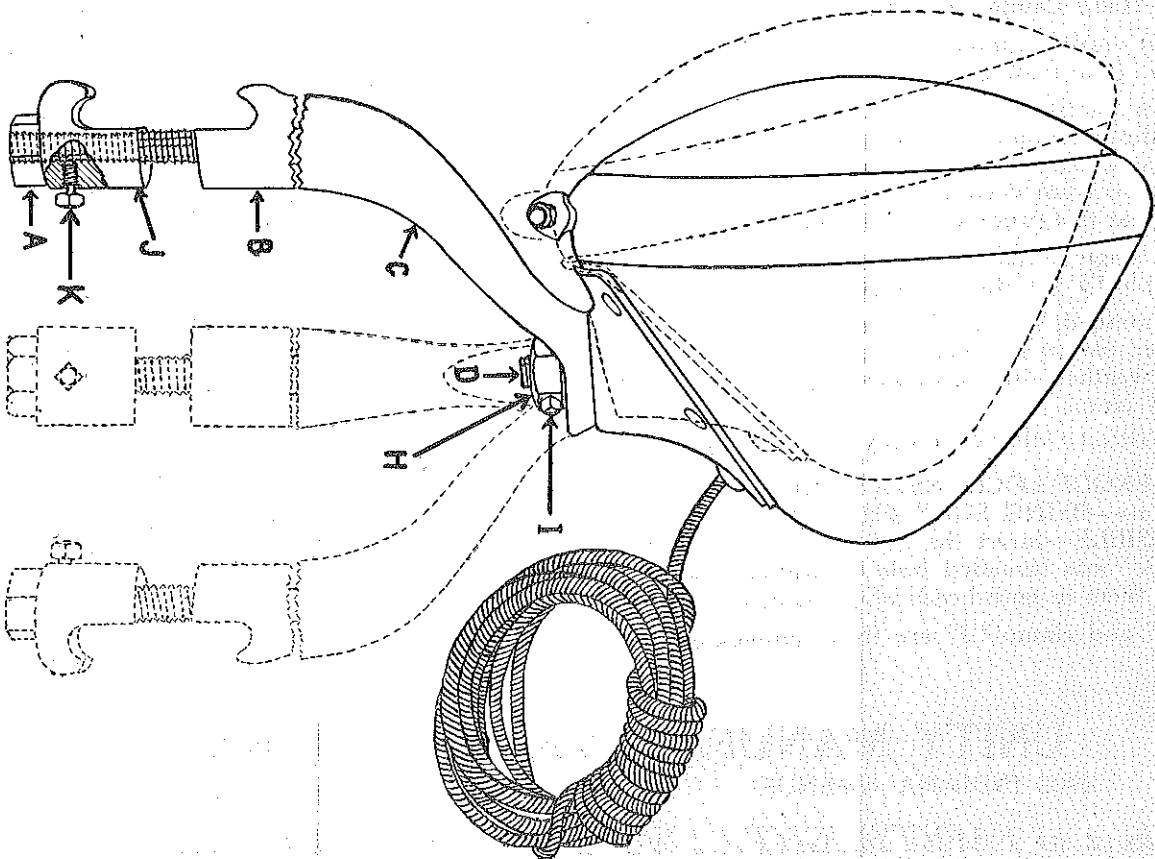


Figure 1