Bureau of Standards

JUN 25 1926

QC100
057
Cap. 2
Use tilting iron or wrench

Good Adjustment of both lamps with car loaded

Proper focus but lens twisted

Proper focus but aimed too high. Will glare
A—Height of lamp centers above floor

This chart is reprinted from Bureau of Standards Circular No. 276, Motor-Vehicle Headlighting, copies of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 20 cents each.
ADJUST YOUR HEADLIGHTS

Simple Instructions for Adjustment to Give Better Road Light and Minimize Glare

Prepared by the United States Bureau of Standards

With the cooperation and approval of the National Automobile Chamber of Commerce, the Society of Automotive Engineers, the Manufacturers Association, the Electrical Manufacturers Association, the Motor Car Manufacturers Association of America, the Highway Safety Association of America, Automotive Electric Service Association, and other trade and service associations.

1. PLACE CAR
Like this on level floor in front of shaded wall or screen.

2. FOCUS BULBS
Outside Focusing Adjustment
(Lens must be on)

Turn screw to give horizontal beam pattern with correct vertical spread.

3. AIM AND TILT LAMPS

Inside Focusing Adjustment
(Lens must be off)

Adjust until beam pattern is as shown in diagram.

Lens must be on.

Good adjustment.

Try this lamp, too.

This lamp should be replaced.

Tilt lamp symmetrically.

Tilt lamp toward right.

Tilt lamp toward left.

Cars Without Adjustable Lamp Brackets

Lamps should be tilted as shown.

Good adjustment with both lamps with no hood.