

Installation Instructions

for

SEALED BEAM ADAPTER KITS

**IN ORDER TO PROPERLY INSTALL THIS KIT
REFER TO INDEX FOR REQUIRED INSTRUCTIONS**

**SEE PAGE 4 FOR WIRING DIAGRAM
WHEN USING RELAYS**



**IMPORTANT: STATE OF NEW JERSEY REQUIRES SEPARATE
AND INDIVIDUAL PARKING LAMPS ON VEHICLE
WHEN KIT IS INSTALLED.**

PASSENGER CAR INDEX

MAKE OF CAR	YEAR	MODEL	SEE PAGE	
			KIT NO.	NO.
Buick	1934-35	Model 40	101	5
Buick	1936	All Models	101	5
Buick	1937-38	All Models	106	12
Buick	1939	All Models	101	5
Cadillac	1936-37	8 Cyl. and 12 Cyl.	106	12
Cadillac	1938-39	Models 603-61-75	101	5
Chevrolet	1934	DA Master	104	9
Chevrolet	1935	EA-DA Master Deluxe	104	9
Chevrolet	1936	All Models	101	5
Chevrolet	1937-38	All Models	106	12
Chevrolet	1939	All Models	101	5
Chrysler	1935	6 Cyl.-C6, CZ Airstream	102	6
Chrysler	1936	6 Cyl. Airstream	104	8
Chrysler	1937	6 Cyl.	102	6
Chrysler	1938	All Models	105	11
De Soto	1935	6 Cyl.-C6, CZ Airstream	102	6
De Soto	1936	Airstream	104	10
De Soto	1937	6 Cyl. S3	102	6
De Soto	1938	All Models	105	11
Dodge	1935	6 Cyl. DR, DU	102	6
Dodge	1936	All Models	104	10
Dodge	1937	All Models	102	6
Dodge	1938	All Models	105	11
Ford	1935-36	All Models	103	7
Graham	1935	Models 72, 73, 75	104	10
Graham	1936	Small 6 Crusader 81	104	10
Graham	1936	Large 8 Model 76, 77	104	10
Graham	1937	All Models	104	10
Gen. Taxicab		6 Cyl. Model 017	106	12
Hudson	1935	Passenger	102	6
Hudson	1936	Passenger	104	8
Hudson	1937-38	Passenger	104	10
Lafayette	1936-37	Passenger	104	10
LaSalle	1935		106	12
LaSalle	1936	Model 50	101	5
LaSalle	1937	Model 50	106	12
LaSalle	1938-39		101	5
Nash	1936-37	6 Cyl.	104	10
Oldsmobile	1934	8 Cyl.	101	5
Oldsmobile	1935-36	6 and 8 Cyl.	101	5
Oldsmobile	1937	6 and 8 Cyl.	106	12
Oldsmobile	1938-39	6 and 8 Cyl.	101	5
Packard	1935-39 Inc.	6 and 8 Cyl. Models 115, 115C, 120, 120C, 1600, 1601, 1602, 1700, 1701, 1702	101	5
Packard	1938-39	Super 8, 12 Cyl.	106	12
Plymouth	1935	Passenger	102	7
Plymouth	1936-37	P1, P2, P3, P4	104	10
Plymouth	1938	Passenger	102	6
Pontiac	1934	8 Cyl.	101	5
Pontiac	1935-39 Inc.	6 and 8 Cyl.	101	5
Studebaker	1936	Models 3A, 4A, 2C	104	10
Studebaker	1937	Models 5A, 6A, 3C and 8 Cyl.	104	10
Studebaker	1938	6 Cyl., Commander, 7A	104	10
Terraplane	1936		104	8
Terraplane	1937-38		104	10

TRUCK INDEX

MAKE OF TRUCK	YEAR	MODEL	KIT NO.	SEE PAGE NO.
Chevrolet	1934	Sedan Delivery and 1/2 Ton DB	104	9
Chevrolet	1937-38-39	All Trucks and Station Wagons	101	5
Diamond T	1936-37	Various Models	101	5
Diamond T	1938	Cab over Engine, also Models, 401, 402, 507, 607, 609, 802, 803, 804	104	9
Diamond T	1938-39	Models 201, 305, 306 Std. and Deluxe 404, 405, 406, 409, 509 and 611, 615 Inc.	101	5
Diamond T	1938-39	Various Models 201, 305, 306	106	12
Diamond T	1939	Models 212-360 Inc.	101	5
Diamond T	1939	Model 80 Std. and Deluxe	104	9
Diamond T	1940	Std. and Deluxe Models	101	5
Dodge	1937-38		102	6
Federal	1936-37-38-39	Models 10E to 29F, Inc. with 7" opening	101	5
		With 7 1/2" opening	104	9
Federal	1939	Models 75K and 80	104	9
Ford	1935-39 inc.	All Models	103	7
G. M. C.	1937	Models T14, T16, T16H, F16, F16H	101	5
G. M. C.	1938	Models T18, T18H, F18, F18H, T23, T23H, F23, F23H, T33, T33H	101	5
G. M. C.	1939	Models AC100, 150, 200, 250, 300, 350, 400, 450	101	5
International	1937	Models D35, 40, 50, DR60, 70	101	5
International	1938-39	D2, 5, 15, 30, 35, 40, 50, 60, D30B, 35B, DR50, 60, 70, DS30, 35, 40, 50, D186T, 216T, 246F, 246T, 346F, D43SB, 346T, 426F, D21SB, 31SB, 37SB, D49SB, D300	101	5
International	1940	Cab over Engine	101	5
Indiana	1937-38		102	6
Leblond-Shacht	1937		104	9
Mack	1937-38	Models EH, AE6, BX, BM, BF, EB, EC, EM, EQ, ER	102	6
Mack	1939		102	6
Sterling	1935	Model J	105	11
Stewart	1935	Various Models also Series M45A, 47A, 49A, 50A	101	5
Stewart	1935-36	Little Buddy 3/4 and 1 Ton	104	9
Stewart	1936	Model 10E	104	9
Studebaker	1936-37-38-39	Trucks and Busses	104	10
White	1936-37-38-39	Models 500, 700, 700D, 700H, 700R, 701, 2, 3, 4, 6, 9HT, 704D, 707, 708, 710, 718, 720, 720T, 722, 750, 750T, 805, 809, 810, 812, 818, 820	101	5

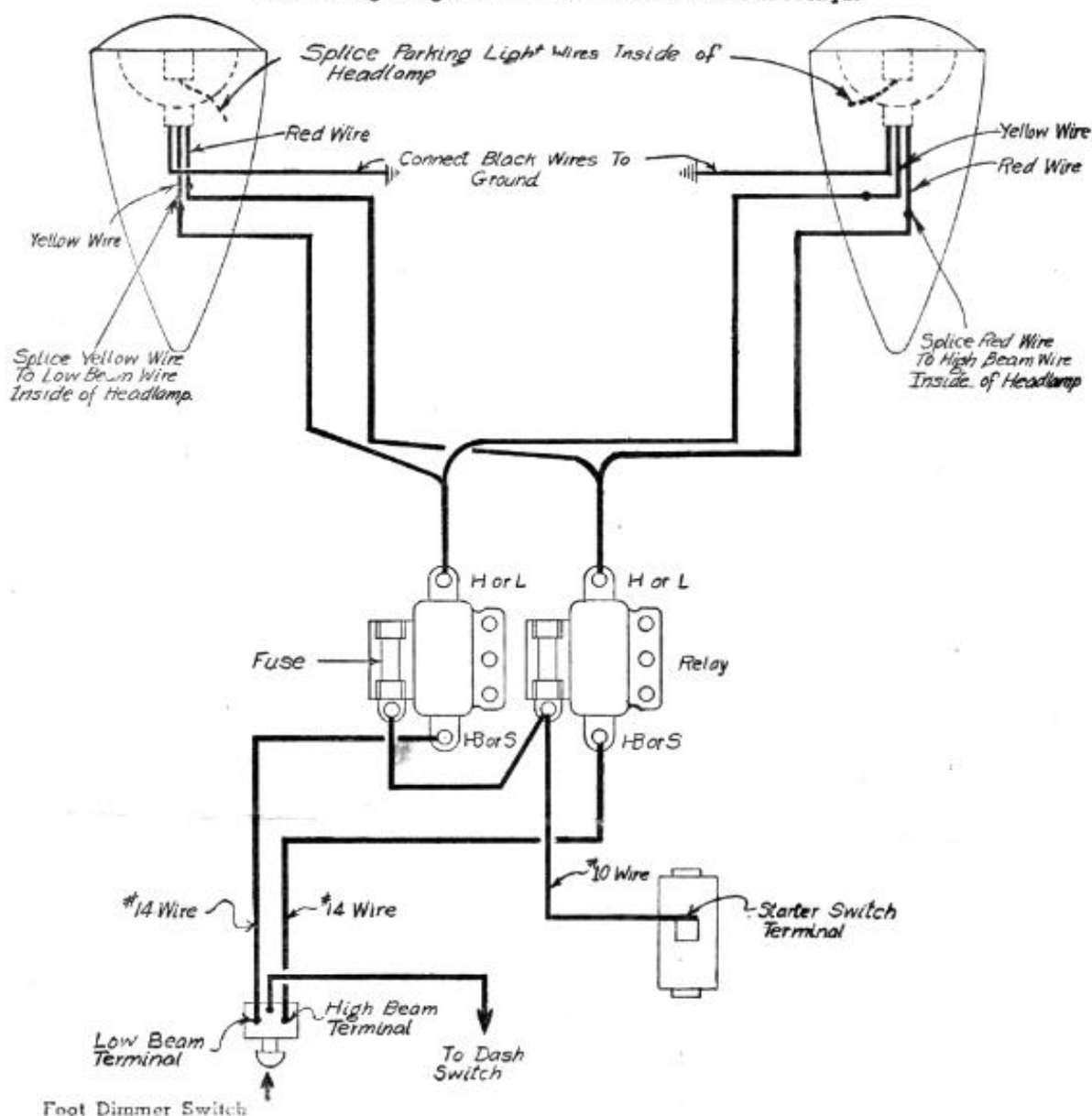
WIRING INSTRUCTIONS

FOR CONNECTING

SEALED BEAM ADAPTER KIT

(SHOWING RELAY CONNECTIONS)

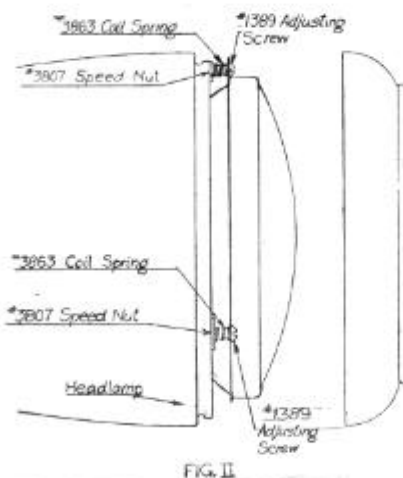
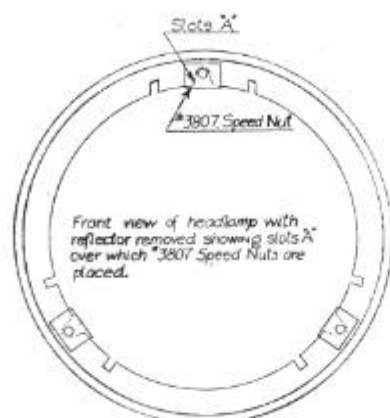
This wiring diagram cannot be used without relays.



(Where Both Headlights Are Dimmed or Depressed)

1. On some cars where one headlight only is dimmed, it will be necessary to install new wires for high and low beam circuits from relay "H" terminal to left hand headlight only, so that both headlights can be dimmed by dimmer switch.
2. Mount relay or relays as close to headlamps as possible. Scrape away paint to assure a good clean ground.
3. Locate wire connecting high beam side of headlamp to dimmer switch. Disconnect it from dimmer switch and connect to terminal of relay marked "HB". Connect low beam wire to relay and dimmer switch in same manner as above.
4. Connect a No. 10 wire from relay fuse terminal to starter switch terminal. Connect both relays together with No. 10 wire.

Instructions For Installing Adapter Kit No. 101



The envelope contains accessories illustrated below—
This side towards inside of headlamp



6 Pcs.—#3807 Speed nut



6 Pcs.—#1389 Adjusting Screw



6 Pcs.—#3863 Coil Spring

- Loosen screw at bottom of lamp ring, remove lamp ring and lens from headlamp.
- Remove reflector from headlamp in either of the following ways.
 - Take cork gasket out of reflector and remove small screws holding reflector to headlamp shell.
 - On cars where reflector is adjusted by screws in bottom or side of headlamp shell, push reflector in and turn to left, unhooking reflector from fingers holding edge of reflector.
 - Place screw driver between reflector and headlamp shell and pry out fingers from slots in headlamp shell.
- A—If headlamp is equipped with junction block, proceed as follows:
 - Remove one wire only from junction block.
 - Make sure the end of the wire removed from the junction block is not touching any part of the headlamp. Turn on headlamp. Then hold the reflector against some part of the headlamp so that a good ground connection is made. In this manner the high and low beam terminals can be determined and marked. Turn off headlamp. Remove other wire from junction block.
 - Strip ends of the wires of the sealed beam connector.
 - Connect Red wire to high beam terminal and Yellow wire to low beam terminal. Connect Black wire to a good clean ground inside of headlamp.
- B—If headlamp is not equipped with junction block, proceed as follows:
 - Cut one wire only, close to socket of old reflector.
 - Make sure the end of wire just cut is not touching any part of the headlamp. Turn on the headlamp. Then hold reflector against some part of the headlamp so that a good ground connection is made. In this manner the high and low beam wires can be determined and marked. Turn off headlamp.
 - Strip ends of wires of the sealed beam connector.
 - Cut other wires close to socket of old reflector and strip ends of wires.
 - Connect Red wire to high beam wire; Yellow wire to low beam wire; Black wire to a good clean ground inside of headlamp. Solder and tape each splice separately.
- Make sure slots "A" are in flange of headlamp as shown in Fig. 1. If there are no slots in flange as shown, either drill $\frac{1}{4}$ " holes, file or saw these slots using sealed beam adapter as template.
NOTE: Be sure adapter is in correct position—Top of bulb on top when using as template.
- Slip #3807 speed nuts over slots in flange of headlamp as shown in Fig. 1.
- Connect sealed beam connector to sealed beam unit. Then insert one of the #1389 adjusting screws in one of the holes around flange of adapter. Slip #3863 coil spring over the screw and attach to #3807 speed nut. Coil Springs must be installed between adapter and flange of headlamp. Follow the same procedure for other two #1389 screws. Tighten #1389 screws until #3863 springs are compressed.
- Headlamp may be adjusted for correct beam setting by:
 - If headlamp is mounted on car by means of a single bolt, loosen nut on bolt, then raise, lower or shift the headlamp to the proper position.
 - Where headlamps are fastened permanently to the car, the adapter can be adjusted by loosening and tightening #1389 adjusting screws to raise or lower the beam or shift the beam sidewise.
- When headlamp is properly focused, place original headlamp ring over adapter assembly and tighten screw.

FOCUSING INSTRUCTIONS

To focus headlamps, aim the high or country beam on a screen, garage wall, fence, etc. 25 feet from the headlamps so that the hot spot falls on the intersection of a horizontal line 3" below center of headlamp and a vertical line directly ahead of the lamp.

No adjustment is necessary for low beam.

Instructions For Installing Adapter Kit No. 102

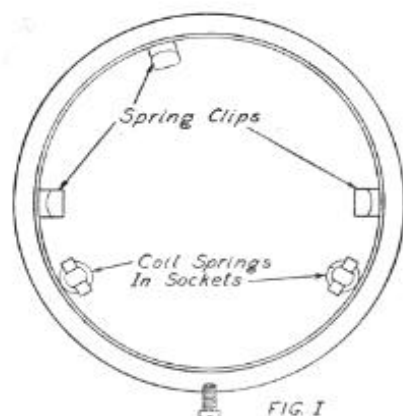


FIG. I

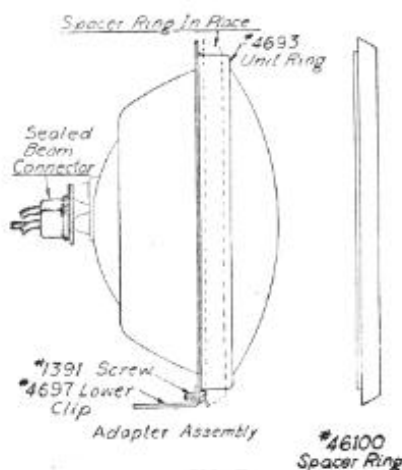


FIG. II

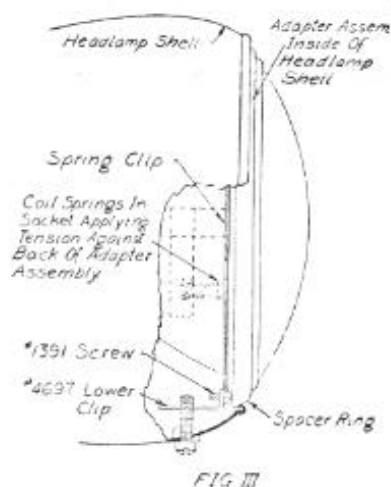
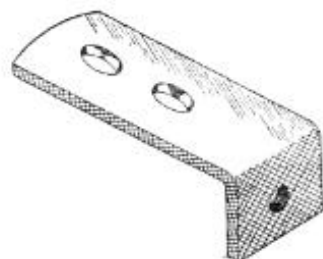


FIG. III

The envelope contains accessories illustrated below—



2 Pcs.—#4697 Lower Clip



2 Pcs.—#1391 Screw

1. Loosen the screw at the bottom of the headlamp all the way; then press in and down at the bottom half of the lens, so that the top half of the lens is tilted out of the body; then pull the lens upward and out. Follow the same procedure to remove the reflector, pulling hairpins out of coilspring and socket clip.

CAUTION: If headlamp has trim molding, DO NOT remove it.

2. Cut one wire only, close to socket of old reflector. Make sure the end of the cut wire is not touching any part of the headlamp. Turn on headlamp. Then hold reflector against some part of headlamp so that a good ground connection will be made. In this manner the high and low beam wires can be determined and marked. Turn off headlamps.
3. Cut other wires close to socket of old reflector and strip ends of the wires.
4. Strip ends of the wires of the sealed beam connectors.
5. Connect Red wire to high beam wire, Yellow wire to low beam wire and Black wire to a good clean ground inside of headlamp. Solder and tape each splice separately.
6. Remove cork gasket and hairpins from old reflector. Insert hairpins into coil springs and snap into socket clips inside of headlamp. Make sure bent spring clips and sockets with coil springs are in place as shown in Fig. I.
7. Attach #4697 lower clip to back of adapter assembly with #1391 screw as shown in Fig. II.
8. Connect sealed beam connector to sealed beam unit.
9. Place #46100 spacer ring over #4693 unit ring all the way. See Fig. II.
10. Insert lower half of complete assembly into headlamp, then press in and down until the assembly is inside of headlamp. Then push upper half of assembly into place. Align one of the holes in the #4697 lower clip with the screw in the bottom of headlamp and tighten until screw enters hole in the #4697 lower clip. (See Fig. III)
11. The high beam can be focused correctly by loosening the nut on the mounting bolt at the bottom or side of headlamp and shifting headlamp to proper position. Then tighten nut on mounting bolt.

FOCUSING INSTRUCTIONS

To focus headlamps, aim the high or country beam on a screen, garage wall, fence, etc., 25 feet from the headlamps so that the hot spot falls on the intersection of a horizontal line 3" below center of headlamp and a vertical line directly ahead of the lamp.

No adjustment is necessary for low beam.

Instructions For Installing Adapter Kit No. 103

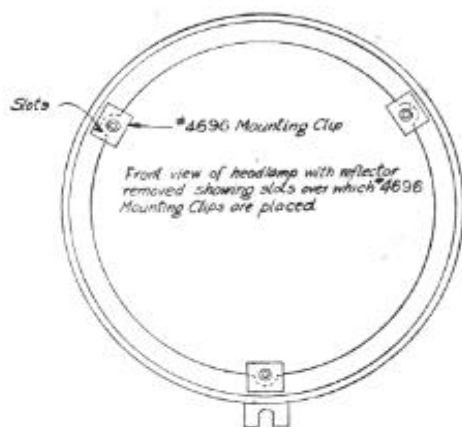


FIG I

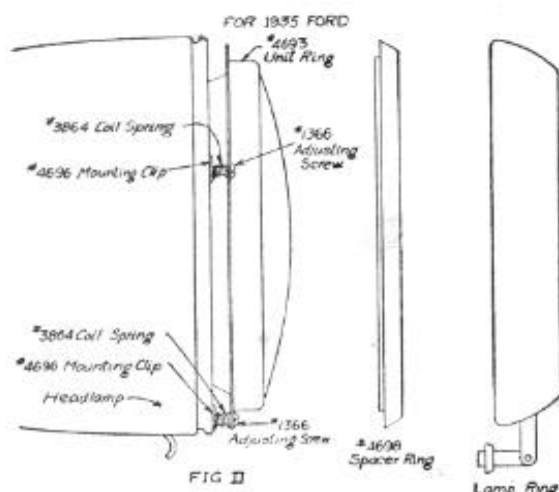


FIG II

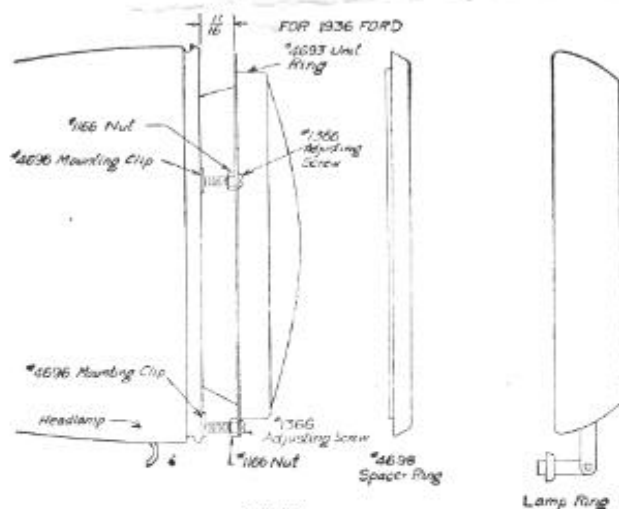
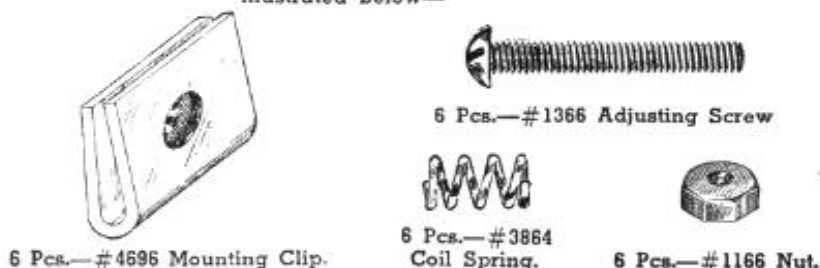


FIG III

1. Unhook ring at bottom of headlamp. Remove lamp ring and lens from headlamp.
2. Loosen reflector from headlamp by prying spring fingers out of slots. Disconnect one wire only from connector under the hood. Make sure the end of the disconnected wire is not touching any part of the car, then turn on headlamps. Hold reflector against some part of the headlamp so that a good ground connection will be made. In this manner the high and low beam wires can be determined and marked. Turn off headlamp. Disconnect other wire from connector under the hood and remove reflector and wires from headlamp.
3. Remove connectors from the ends of the wires under the hood and strip the ends. Strip ends of the wires of the sealed beam connector and push them through mounting bolt of headlamp. Splice Red wire to high beam wire, Yellow wire to low beam wire, and connect Black wire to a good clean ground on radiator shell or frame of car. Solder and tape each splice separately.
4. Slip #4696 mounting clips over slots in flange of headlamp so that plain hole is toward the outside of the lamp. (See Fig. 1.)
5. **INSTALLATION FOR 1935 FORD:** Connect sealed beam connector to lamp. Insert one of the #1366 adjusting screws in one of the holes around flange of the adapter. Slip #3864 coil spring over the screw and attach to the #4696 mounting clip. Coil spring must be installed between adapter and #4696 mounting clip. Follow same procedure for other two #1366 screws. (See Fig. II). Tighten screw until springs are fully compressed.
INSTALLATION FOR 1936 FORD: Insert one of the #1366 adjusting screws through one of the holes around flange of adapter assembly. Assemble one of the #1166 nuts to the #1366 screw and run #1166 nut about half way on the screw. Follow the same procedure for other two #1366 screws. Connect Sealed beam connector to lamp. Attach #1366 screws to #4696 mounting clips and tighten screws until adapter assembly is 11/16" away from front edge of headlamp. (See Fig. III). Then lock the #1166 nuts against back of the adapter assembly. Hold head of #1366 screws secure with screw driver while locking #1166 nuts.
6. Assemble #4698 Spacer ring over #4693 Unit ring.
7. Mount original lamp ring in its original position. If headlamp ring does not fit properly, this can be corrected by loosening or tightening the adjusting screws.
8. The high beam can be focused correctly by loosening the nut on the mounting bolt at the bottom or side of headlamp and shifting headlamp to proper position. Then tighten nut on mounting bolt.

The envelope contains accessories illustrated below—

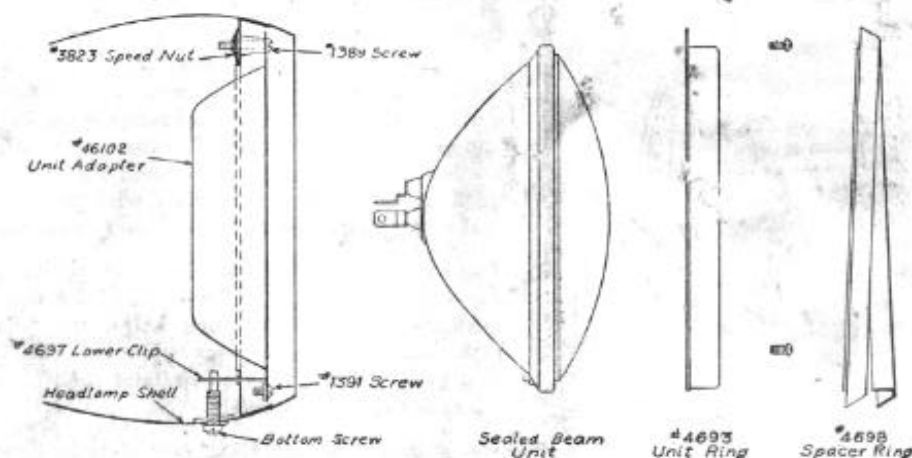


FOCUSING INSTRUCTIONS

To focus headlamps, aim the high or country beam on a screen, garage wall, fence, etc., 25 feet from the headlamps so that hot spot falls on the intersection of a horizontal line 3" below center of headlamp and a vertical line directly ahead of the lamp. No adjustment is necessary for low beam.

No adjustment is necessary for low beam.

Instructions For Installing Adapter Kit No. 104 On 1936 Chrysler and 1936 Hudson-Terraplane



1. Loosen screw at the bottom of headlamp all the way. Then press in and down at the bottom half of the lens, so that the top half of the lens is tilted out of the headlamp. Then pull lens upward and out. Follow same procedure to remove reflector.
CAUTION: If headlamp has trim molding—DO NOT remove it.
2. Cut one wire only, close to socket of old reflector. Make sure the end of the cut wire is not touching any part of the headlamp. Turn on headlamp. Then hold reflector against some part of the headlamp so that a good ground connection will be made. In this manner the high and low

beam wires can be determined and marked. Turn off headlamps.

3. Cut other wires close to socket of old reflector and strip ends of the wires.
4. Strip ends of the wires of the sealed beam connectors.
5. Connect Red wire to high beam wire, Yellow wire to low beam wire and Black wire to a good clean ground inside of headlamp. Solder and tape each splice separately.
6. Remove screws around flange of adapter assembly and remove #4693 unit ring and sealed beam unit from #46102 adapter.

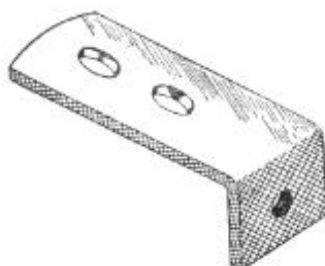
Of the accessories in the envelope only those illustrated below are required.



2 Pcs.—#3823 Speed Nut



2 Pcs.—#1389 Adjusting Screw



2 Pcs.—#4697 Lower Clip

This side toward
← inside of headlamp



2 Pcs.—#1391
Screw

7. Attach #4697 lower clip to back of the #46102 unit adapter with #1391 screw.
8. Place #46102 unit adapter in opening of headlamp so that the #46102 unit adapter rests on the three lugs on inside of ring of headlamp. Pass #1389 screw in top hole of #46102 unit adapter and through top opening in inside ring. Place #3823 speed nut on back of ring toward inside of headlamp and tighten #1389 screw. Push #46102 unit adapter in at the bottom and tighten bottom screw in headlamp so it enters one of the holes in #4697 lower clip at bottom of the #46102 unit adapter.
9. Connect sealed beam connector to sealed beam unit and place sealed beam unit (with the top of the sealed beam unit on top) through opening in headlamp so that it locks in the three slots in the #46102 unit adapter. Replace the #4693 unit ring over the sealed beam unit and tighten with original screws.
10. Split #4698 spacer ring with hack saw and paint exposed edges with touch-up enamel. Then insert #4698 spacer ring in opening between headlamp and #4693 unit ring by inserting one end of the ring at bottom of headlamp and push into place until entire ring is inside of headlamp.
11. The high beam can be focused correctly by loosening the nut on the mounting bolt at the bottom or side of headlamp and shifting headlamp to proper position. Then tighten nut on mounting bolt.

FOCUSING INSTRUCTIONS

To focus headlamps, aim the high or country beam on a screen, garage wall, fence, etc., 25 feet from the headlamps so that hot spot falls on the intersection of a horizontal line 3" below center of headlamp and a vertical line directly ahead of the lamp. No adjustment is necessary for low beam.

Instructions For Installing No. 104 Adapter Kit On The Following:

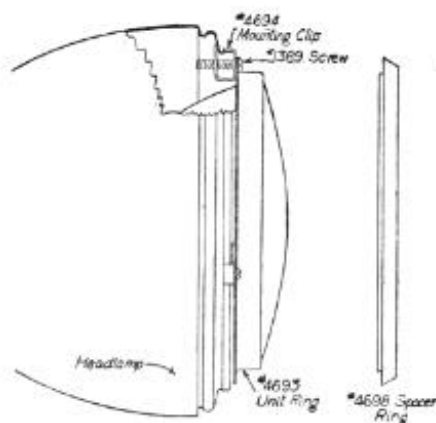


FIG I

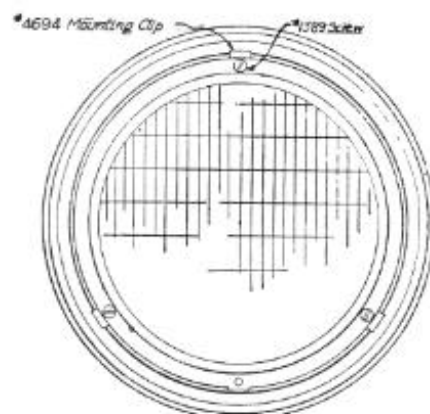
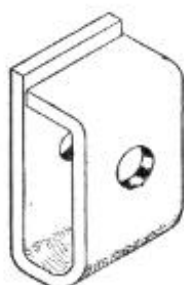


FIG II

Of the accessories in the envelope only those illustrated below are required.



6 Pcs.—#4694
Mounting Clip



6 Pcs.—#1389 Adjusting Screw

PASSENGER CARS

1934-35 Chevrolet

TRUCKS

1934 Chevrolet

1938-39 Diamond T.

1936-37-38-39 Federal (7½" rim opening)

1937 LeBlond—Schacht

1935-36 Stewart

1. Loosen screw at bottom of lamp, remove lamp ring and lens from headlamp.
2. Remove reflector from headlamp by placing screw driver between reflector and headlamp and pry out.
3. Cut one wire only close to socket of old reflector. Make sure the end of cut wire is not touching any part of the headlamp. Turn on headlamps; then hold reflector against some part of headlamp so that a good ground connection will be made. In this manner the high and low wires can be determined and marked. Turn off headlamps.
4. Cut other wires close to socket of old reflector and strip ends of the wires.
5. Strip ends of the wires of the sealed beam connectors.
6. Connect Red wire to high beam wire, Yellow wire to low beam wire and Black wire to a good clean ground inside of headlamp. Solder and tape each splice separately.
7. Connect sealed beam connector to sealed beam unit. Hook #4694 mounting clips over edge of headlamp as shown in Figure I. Locate these mounting clips in position shown in Figure II. Insert a #1389 screw in top hole of adapter assembly and the top #4694 mounting clip and tighten slightly. Then proceed to attach the other two #1389 screws in the same manner. Be sure the top of the sealed beam unit is at the top and then tighten all three #1389 screws.
8. Place #4698 spacer ring over #4693 unit ring. Place original headlamp ring over adapter assembly and tighten screw in bottom of ring.
9. The high beam can be focused correctly by loosening the nut on the mounting bolt at the bottom or side of headlamp and shifting headlamp to proper position. Then tighten nut on mounting bolt.

FOCUSING INSTRUCTIONS

To focus headlamps, aim the high or country beam on a screen, garage wall, fence, etc., 25 feet from the headlamps so that hot spot falls on the intersection of a horizontal line 3" below center of headlamp and a vertical line directly ahead of the lamp. No adjustment is necessary for low beam.

Instructions For Installing No. 104 Adapter Kit On The Following:

PASSENGER CARS

1936 De Soto
1936 Dodge
1935-36-37 Graham
1937-38 Hudson
1936-37 Lafayette

TRUCKS and BUSES

1936-37-38-39 Studebaker
1936-37 Plymouth
1936-37-38 Studebaker
1937-38 Terraplane

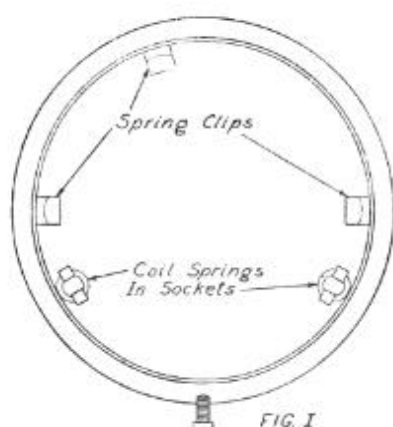


FIG. I

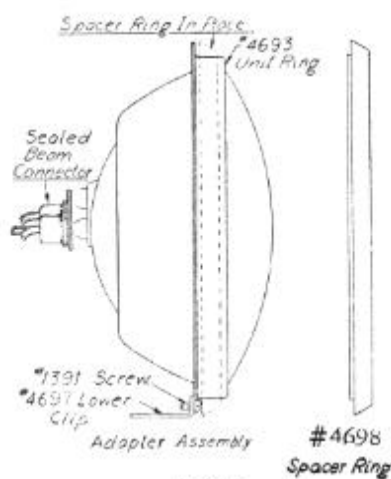


FIG. II

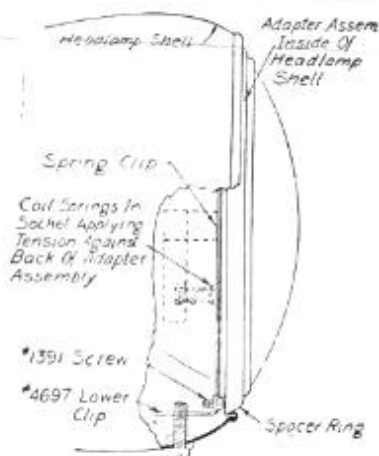
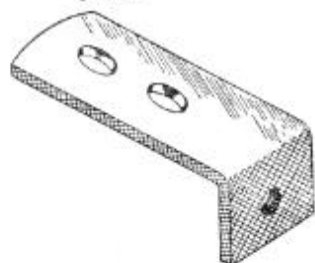


FIG. III

Of the accessories in the envelope only those illustrated below are required.



2 Pcs.—#4697 Lower Clip



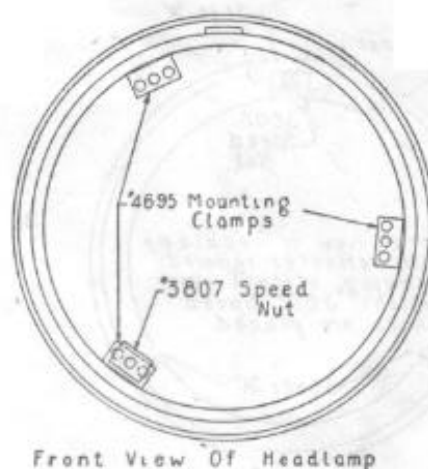
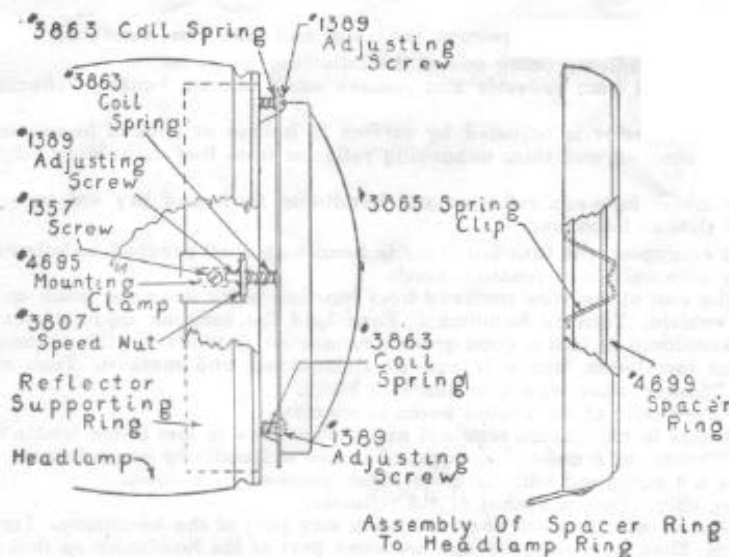
2 Pcs.—#1391 Screw

1. Loosen the screw at the bottom of the headlamp all the way; then press in and down at the bottom half of the lens, so that the top half of the lens is tilted out of the body; then pull the lens upward and out. Follow the same procedure to remove the reflector, pulling hairpins out of coil spring and socket clip.
2. Cut one wire only, close to socket of old reflector. Make sure the end of the cut wire is not touching any part of the headlamp. Turn on headlamp. Then hold reflector against some part of headlamp so that a good ground connection will be made. In this manner the high and low beam wires can be determined and marked. Turn off headlamps.
3. Cut other wires close to socket of old reflector and strip ends of the wires.
4. Strip ends of the wires of the sealed beam connectors.
5. Connect Red wire to high beam wire, Yellow wire to low beam wire and Black wire to a good clean ground inside of headlamp. Solder and tape each splice separately.
6. Remove cork gasket and hairpins from old reflector. Insert hairpin into coil springs and snap into socket clips inside of headlamp. Make sure spring clips and sockets with coil springs are in place as shown on Fig. I.
7. Attach #4697 lower clip to back of adapter assembly with #1391 screw as shown in Fig. II.
8. Connect Sealed beam connector to sealed beam unit.
9. Place #4698 spacer ring over #4693 unit ring all the way. See Fig. II.
10. Insert lower half of complete assembly into headlamp, then press in and down until the assembly is inside of headlamp. Then push upper half of assembly into place. Align one of the holes in the #4697 lower clip with the screw in the bottom of the headlamp and tighten until screw enters hole in the #4697 lower clip. (Fig. III).
11. The high beam can be focused correctly by loosening the nut on the mounting bolt at the bottom or side of headlamp and shifting headlamp to proper position. Then tighten nut on mounting bolt.

FOCUSING INSTRUCTIONS

To focus headlamps, aim the high or country beam on a screen, garage wall, fence, etc., 25 feet from the headlamps so that hot spot falls on the intersection of a horizontal line 3" below center of headlamp and a vertical line directly ahead of the lamp.

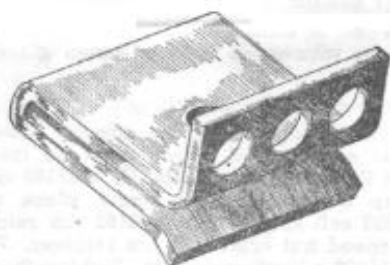
Instructions For Installing Adapter Kit No. 105



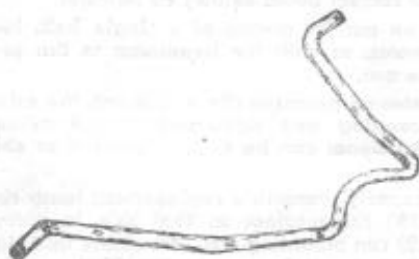
Front View Of Headlamp

1. Remove headlamp ring and remove lens from headlamp ring.
2. Remove reflector from headlamp. **DO NOT REMOVE SUPPORTING RING.** Cut one wire only, close to socket of old reflector. Make sure the end of the cut wire is not touching any part of the headlamp. Turn on headlamp. Then hold reflector against part of the headlamp so that a good ground connection will be made. In this manner the high and low beam wires can be determined and marked. Turn off headlamp. Cut other wires close to socket of old reflector and strip ends.
3. Remove coil springs from reflector supporting ring.
4. Slip the #4695 mounting clamps over the slots from which the coil springs were removed, from reflector supporting ring. Tighten clamps in place with #1357 screw.
5. Slip a #3807 speed nut over one of the holes in each #4695 mounting clamp.
6. Strip ends of the wires of the sealed beam connector and connect Red wire to high beam wire. Yellow wire to low beam wire and Black wire to a good clean ground in head lamp. Solder and tape each splice separately. Assemble sealed beam connector to sealed beam unit.

The envelope contains accessories illustrated below—



6 Pcs.—#4695 Mounting Clamp



8 Pcs.—#3865 Spring Clip

7. Insert one of the #1389 adjusting screws in one of the holes around flange of adapter assembly. Slip #3863 coil spring over screw and attach to #3807 speed nut. Follow same procedure for other two #1389 screws. Tighten screws until #3863 springs are partly compressed.
8. Headlamp can be focused properly by loosening or tightening the #1389 adjusting screw.
9. After headlamp is focused, assemble #4699 spacer ring to headlamp ring by means of the #3865 spring clips. Space these clips at equal intervals. Mount this assembly over adapter assembly and tighten screw at bottom of headlamp ring in the same manner as it originally was.

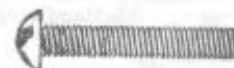
This side toward inside of headlamp



6 Pcs.—#3807 Speed Nut



6 Pcs.—#1357 Screw



6 Pcs.—#1389 Adjusting Screw



6 Pcs.—#3863 Coil Spring

FOCUSING INSTRUCTIONS

To focus headlamps, aim the high or country beam on a screen, garage wall, fence, etc., 25 feet from the headlamps so that hot spot falls on the intersection of a horizontal line 3" below center of headlamp and a vertical line directly ahead of the lamp. No adjustment is necessary for low beam.

Instructions For Installing Adapter Kit No. 10 6

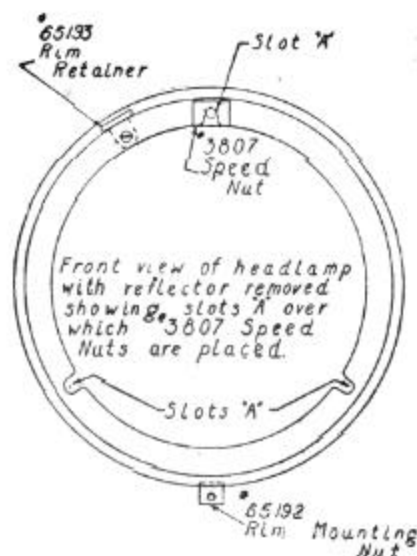


FIG I

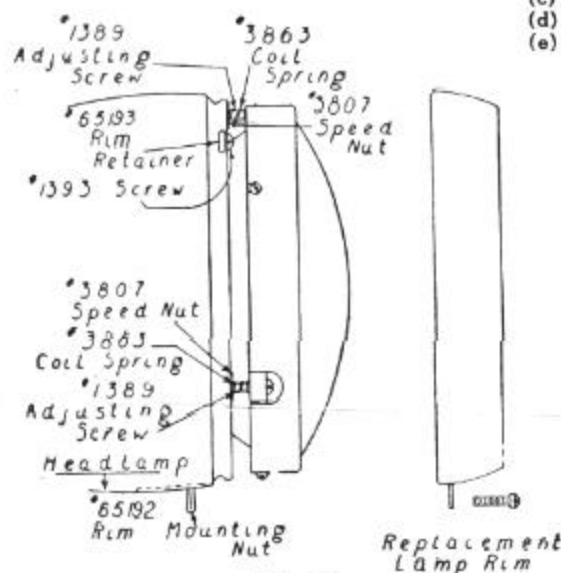


FIG II

The envelope contains the accessories illustrated below—



6 Pcs.—#3807 Speed Nut

6 Pcs.—#3863 Coil Spring



2 Pcs.—#65192 Rim Mounting Nut

2 Pcs.—#65193 Rim Retainer



6 Pcs.—#1389 Adjusting Screw



2 Pcs.—#1209 Flat Washer



2 Pcs.—#1393 Machine Screw

- Loosen screw at bottom of lamp rim, remove lamp rim and lens from headlamp.
- Remove reflector from headlamp using one of the following methods:
 - Remove cork gasket from reflector and remove small screws holding reflector to headlamp shell.
 - On cars where reflector is adjusted by screws in bottom or side of headlamp shell, push reflector in and turn, unhooking reflector from fingers holding edge of reflector.
 - Place screw driver between reflector and headlamp shell and pry out spring fingers from slots in headlamp.
- If headlamp is equipped with junction block in headlamp shell proceed as follows:
 - Remove one wire only from junction block.
 - Make sure the end of the wire removed from junction block does not touch any part of the vehicle. Turn on headlamp. Then hold the reflector against some part of the headlamp so that a good ground connection is made. In this manner the high and low beam terminals can be determined and marked. Turn off headlamp. Remove other wire from junction block.
 - Strip end of each wire of the sealed beam connector.
 - Connect red wire to high beam terminal and yellow wire to low beam terminal. Connect black wire to a good clean ground inside of headlamp or on frame.
 - If headlamp is not equipped with junction block proceed as follows:
 - Cut one wire only, close to socket of old reflector.
 - Make sure end of wire just cut does not touch any part of the headlamp. Turn on headlamp. Then hold reflector against some part of the headlamp so that a good ground connection is made. In this manner the high and low beam can be determined and marked. Turn off headlamp.
 - Strip end of each wire of the sealed beam connector.
 - Cut other wire close to socket of old reflector.
 - Strip ends of wires cut.
 - Connect red wire to high beam wire, yellow wire to low beam wire. Connect black wire to a good clean ground. Solder and tape each splice separately.
- Make sure slots "A" are in flange of headlamp as shown in fig. I. If not, use template furnished to locate these slots. Then drill $\frac{1}{4}$ " holes. NOTE: Be sure the template is in correct position—top of template at top of headlamp.
- Insert #65192 rim mounting nut in hole in bottom of headlamp as shown in fig. II. Some headlamps have only a small drain hole in the bottom, in such case, enlarge the hole to $\frac{1}{2}$ ".
- Insert #65193 rim retainer in slot in top of headlamp. In some headlamps this slot is either to the right or left of the center as shown in fig. I. In other headlamps it is exactly in the center, in which case the #65193 rim retainer becomes the mounting for top #1389 adjusting screw. When #65193 rim retainer is not used as fastening for the #1389 adjusting screw, it is attached to flange of headlamp with #1393 screw.
- Slip #3807 speed nut over slots "A" in flange of headlamp as shown in fig. I except top slot if #65193 rim retainer is used to fasten #1389 adjusting screw.
- Connect sealed beam connector to sealed beam unit.
- Insert one of the #1389 screws in the top hole of the adapter assembly. Slip #3863 coil spring over the screw. Coil spring must be installed between adapter assembly and flange of headlamp. (If #65193 rim retainer is used for mounting top #1389 adjusting screw, place #1209 washer on screw between #3863 coil spring and #65193 rim retainer.) Attach #1389 screw to #3807 speed nut or #65193 rim retainer. Follow same procedure for other two #1389 adjusting screws. Tighten the three #1389 screws until #3863 coil springs are compressed.
- Headlamp may be adjusted for correct beam setting as follows:
 - If headlamp is mounted on car by means of a single bolt, loosen nut on bolt then raise, lower, or shift the headlamp to the proper position. Then tighten the nut.
 - Where headlamps are fastened permanently to the car, the adapter can be adjusted by loosening and tightening #1389 adjusting screws. In this manner the beam can be raised, lowered or shifted sideways.
- When headlamp is focused properly, assemble replacement lamp rim by hooking top of rim over #65193 rim retainer so that hole in mounting ear lines up with hole in #65192 rim mounting nut. Assemble and tighten original rim screw through hole in mounting ear to #65192 rim mounting nut. (Original headlamp rim is discarded.)

FOCUSING INSTRUCTIONS

To focus headlamps, aim high or country beam on a screen, garage wall, fence, etc. 25 feet from headlamps so that the hot spot falls on the intersection of a horizontal line 3" below center of headlamp and a vertical line directly ahead of lamp.

No adjustment is necessary for low beam.