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Billet Rides 5 3/4" Headlight Ring Assembly Instructions v1.0

***These rings are designed to fit a Delta 5 3/4" headlight only (sold separately) utilizing your factory mounting bucket. Read instructions thoroughly prior to attempting assembly. Minor modifications may be necessary. This assembly may not fit on vehicles with "pop-up" or "hideaway" headlights. Billet Rides will not be held responsible for any damage caused during or after installation. Instructions are available in color at Billetrides.com**

Supplies needed for installation:

Phillips head screw driver, flathead screwdriver, pliers, needle nose pliers, loctite, rubber mallet, grinder, dremel or bench grinder, dielectric grease, wire cutters, crimp tool, butt splices.

Application Guide:

67-69 Firebird	58-72 GMC Truck
58-71 Full size Chevrolet	58-62 Corvette
60-63 Corvair	64-70 Chevelle
58-74 Full size Pontiac	64-73 GTO, Tempest and LeMans
64-72 Olds Cutlass	64-70 Skylark
75-76 Catalina	64-70 El Camino
69-70 Grand Prix	62-64 Impala

Step 1

Remove existing headlight, trim ring, and mounting bucket. Only remove one at a time. Pay close attention to the orientation of the bucket mounting ears. The ear located at 12 o'clock will remain the top ear throughout assembly. Inner and outer buckets may have different orientations. Marking the top ear with a marker is suggested.



Step 2

Cut existing 2 prong high beam connector and install the new 2 prong connector that is supplied with the Delta high beam headlight.

Dielectric grease should be placed inside connector. Allow enough extra wire for ease of installation.



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Step 3

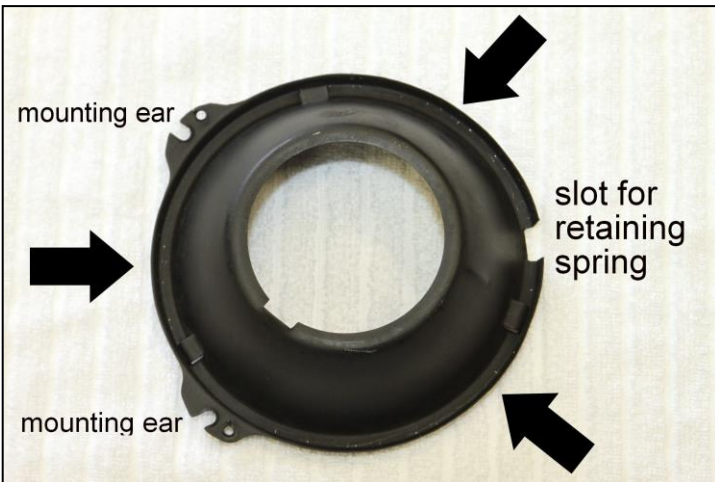
Identify which 5 3/4" headlight bucket your vehicle uses. This headlight ring was designed for use with the style of bucket pictured on the left.



Step 4 (optional)

The headlight ring will work with the headlight bucket pictured to the left but it will require modifications

- Open the square hole at the bottom to fit the headlight
- Remove the small bump on the edge of the mounting surface of the bucket to fit the ring and retaining spring
- Notch to allow for retaining spring (may not be required on all vehicles)



Step 5

Test fit the headlight ring on your headlight bucket. The ring is designed to be a very tight fit. If the fit is loose **gently** pry the entire outer edge of your headlight bucket out (see arrows). Gently remove ring with a flathead screwdriver by prying against both headlight bucket mounting ears in an alternating pattern.



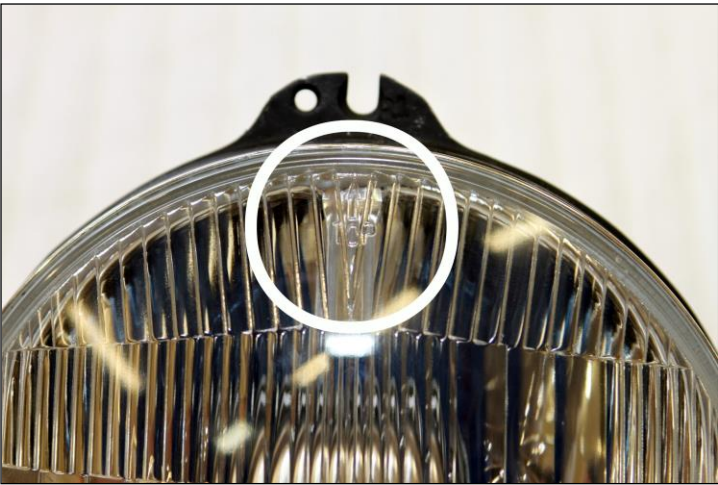
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Step 6

Test fit the headlight in the headlight bucket. Rotate the bulb until two of the three tabs on the bulb fit into the notches on the bucket. The top of the third tab will be trimmed as shown in Step 8.

Most cars will have an inner and outer bucket; they **ARE** different. We recommend you install one at a time.



Step 7

Align the headlight so that the word "top" and arrow are pointed to the top of the bucket mounting position (see circle in image). The mounting ears will be in a different orientation depending on whether you are assembling the inner or outer bucket.



Step 8

Two out of the three mounting tabs will fit into the headlight bucket notches as pictured to the left.



Step 9

Remove the **top portion** of the mounting tab that does not correspond with a mounting hole in the headlight bucket using a bench grinder. The remaining tab should rest on the shoulder of the bucket. Go slow and be gentle. Remove the bulb from the back of the lens to avoid damage.



Step 10

Identify the position of the retaining spring notch in the headlight bucket.



Step 11

Align the headlight ring so that the notch in the ring is aligned with the notch in the headlight bucket.



Step 12

For proper appearance it is **critical** to align the new trim ring so that the word “TOP” and arrow on the lens are centered in the top trim ring hole. **Do not fully assemble the unit yet (see step 13).** Headlight bucket and trim ring slots may not align perfectly but will be functional.



Step 13

With the ring partially pushed on (see arrows) apply a thin film of Loctite 271 (red color) to the entire rim of the headlight bucket.



Step 14

With the bottom of the headlight bucket supported from underneath **lightly** tap the edge of the headlight ring with a rubber mallet to securely fasten the ring to the bucket. Place the bottom edge of the headlight bucket on a firm



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platform while performing this task. Remove excess Loctite.



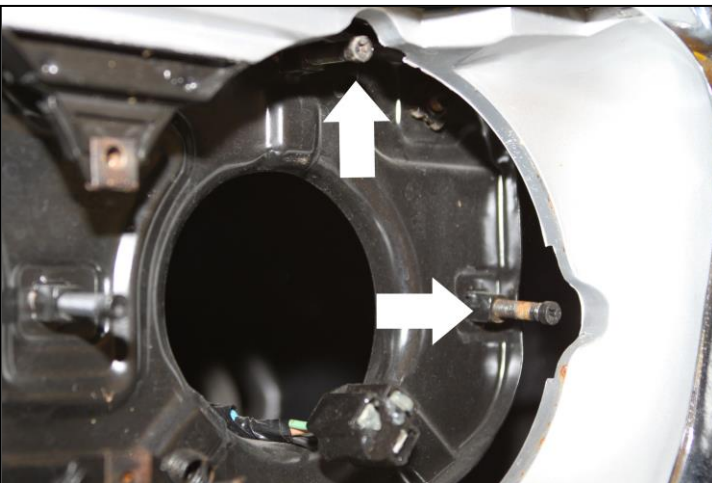
Step 15

The edge of the headlight ring should be firmly seated against the bottom edge of the headlight bucket.



Step 16

Visually inspect the inner edge of the headlight ring. The headlight should uniformly rest against the inner edge of the ring (see arrows).



Step 17

Identify the location of your headlight adjusting screws. Plug in the headlight. Install the two mounting ears of the assembled headlight pod into the slots of the headlight adjusting screws (see arrows).



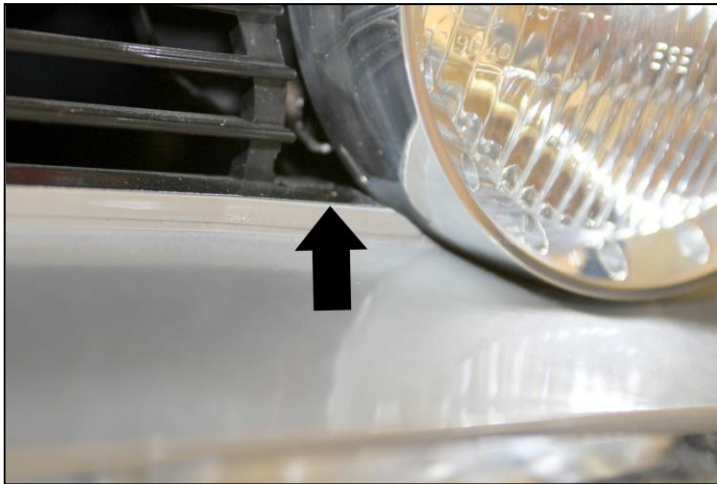
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Make sure the headlight retainer spring is aligned with the slot in the headlight ring.



Step 18

The installed pod should have the appearance of the picture to the left (see arrow).



Step 19

While firmly holding the front of the assembled headlight pod in place grasp the retainer spring with needle nose pliers and pull the spring into position(see arrow). Make sure that the retainer spring is pushed firmly into the hole.

Step 20

Adjust your headlights and enjoy.

