

# 1969 Mustang Headlight Aiming Adapters

M A R C U S   A N G H E L

All 1969 Mustangs came with special headlight aiming adapters in a sealed plastic bag in the trunk of the car, and instructions in the glove box. The 1969 headlight design was unique because it was the only time there was four headlights used on a Mustang. The adapters were designed for the Hopkins headlight aiming kit and were used for the outboard (low beam) headlights and really are just spacers. The main reason for the use of the adapters was because of the offset of the headlights would interfere with the calibration of the aimers with the nose of the car (see pictures on page 2). Most likely Ford was required to include these adapters with each Mustang, since it was an unnecessary cost included with each car. There is two different versions of this adapter, with no clear transition date, but it would seem that earlier cars came with a -A and later cars with a -B. The -B version added the word "TOP" and a the letter "T" to ensure they were positioned correctly on the headlight.

**Version A : C9ZB-13B119-A**



**Version B : C9ZB-13B119-B**



**Packaging and instructions:**

Each 1969 Mustang came with a clear sealed bag placed in the trunk, and instructions that were placed in the glove box. Pictures here show original bags. Reproductions that have been made would look similar, except the plastic bag would look newer in appearance.



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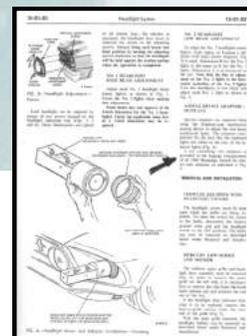
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**How they were used:**

In the late 1960's Hopkins was the default headlight aimer manufacturer. Their aimers were used at service centers and dealers to properly aim headlights. The aimers themselves would be suctioned into place directly on the headlight bulb. You can see a brief overview of the process here. The problem with the 69 Mustang was that the low beam lights were set back too far and the two headlight aimers would not have enough clearance to see each other for calibration across the nose of the car. The adapter was really just a spacer to give the aimers that additional clearance needed to aim and sight the headlights with each other.



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