

HUDSON MOTOR CAR CO.

General Technical Policies & Information Bulletins

1941 Series

No. 5 - Rear Lateral Stabilizer Adjust. - Noise Due to Interference

GENERAL TECHNICAL POLICIES
AND INFORMATION
BULLETIN
1941 SERIES

5

Number

10/10/40

Date

SUBJECT

TO ALL MASTER DEALERS:

REAR LATERAL STABILIZER ADJUSTMENT

NOISE
DUE TO
INTERFER-
ENCE

Some reports have been received from the field dealing with chassis or under-car noises caused by the rear lateral stabilizer bar striking the body floor. We have had an opportunity investigate a number of such cases and find that the interference is due to improper adjustment of the stabilizer bar. This results in undue compression of the inner rubber cushion and distortion of the bar itself under conditions of heavy rear spring deflection.

CHECK IN-
STALLATION
CAREFULLY

When complaints of this kind are received or whenever owners' cars are on the hoist for lubrication or other service work, we recommend that the rear stabilizer installation be carefully checked and the bar properly adjusted if necessary. It is important that the car be in the normal at rest position and without passenger load when this is being done.

ADJUSTMENT
PROCEDURE

The adjustment should be made by backing off the lock nuts and nuts on the right end at the rear axle housing bracket until the rubber cushions and washers, are entirely free. Next, the nuts on the left end should be adjusted so that the rubber cushions on both sides of the frame bracket are moderately and evenly compressed. Following this, the inner nut on the right end of the bar should be turned just enough to bring the inner rubber cushion and washer up against the axle bracket after which the outer nut should be similarly adjusted. After this has been done, turn the inner nut to the left and the outer nut to the right an equal amount until both rubber cushions are compressed to about half their free thickness. Tighten all lock nuts securely after adjusting.

STABILIZER
BAR CEN-
TRALIZED

When the adjustment is made in the above manner the stabilizer bar is permitted to find its correct position, allowing it to perform its work without undue strain or noise.

E. J. Blum

Technical Service Manager

(THIS BULLETIN AS WRITTEN IS BEING MAILED DIRECTLY TO DEALERS AS BULLETIN NO.5 AND TO SERVICE STATION AGREEMENT HOLDERS AS BULLETIN NO.26)