



46T-9
Dealer 5
July 17, 1946

To: REGIONS, ZONES AND DEALERS

Subject: INSTRUMENT REFLECTION IN WINDSHIELD

The reflection of the speedometer and clock, seen in the windshield of 1946 cars when driving at night with the instrument lights on, is annoying to some owners. This condition was present in the 1942 cars but the reflection was not so bright and occasioned no particular adverse owner reaction.

The reflection, which is due to the relative angles of the instrument board and the windshield, cannot entirely be eliminated in the present design. It can, however, be reduced to the same or a little less intensity than in 1942 cars by reducing the candle power of the speedometer and clock light bulbs and mounting the two instruments further forward so the plastic faces are flush with the instrument board. This will be done in production as soon as possible. The same changes can be made in the field on cars produced prior to the change.

The first step is to check the candle power of the speedometer and clock instrument light bulbs and when 2 candle power (#55) bulbs are found, replace them with 1 candle power (#51).

The second step is to move the speedometer and clock forward in the instrument board until the edges of the plastic faces are just flush with the instrument board. This can be done by placing washers between the mounting legs and the instrument board. Usually 1/8 inch thickness of plain washers under each leg will be sufficient but more or less should be used as necessary to bring the face flush with the instrument board.

When handling this subject with the owner it should be emphasized at the start that it is proposed to reduce the reflection, not to eliminate it entirely.

Very truly yours,

A handwritten signature in cursive script that reads "Theo. P. Thomas".

Theo. P. Thomas
Technical Service Manager

TPT:rp