

ENGINEERING MEMO. #103

TO: Memo Distribution  
FROM: R. G. Fuller  
SUBJECT: TIRES FOR 120" x 129" W.B. CARS

Recently increased tire sections have resulted in cases of "scuffing." Because of the pronounced difference in section width the 2 ply-4 ply rated and the 4 ply-8 ply rated tires in the 8.15 x 15 size group are to be eliminated from lists of acceptable tires. These same tires may be reinstated after certain operations are performed on the vehicle either in the Service Field or Production.

Introduction of a new wheel, with more offset, to be used with purchased tires is contemplated. Continued use of 701360 Wheel Assembly for mileage tires is intended. The number of the new wheel when released will be 701535, the additional clearance being slightly more than 3/16", mainly because of that much change in dish and secondly because a reduction in rim width is being considered.

The additional outset of the front wheel should be associated with a change in camber from a nominal of 1° to a nominal of 1-1/2°, to compensate for the increase in load on the upper control arm ball joint.

The following tires are acceptable, now, and others will be accepted as experimentation proves the clearance to be adequate:

- 8.15 x 15 4 ply - 4 ply Rated Black or White Wall Tubeless
- 7.75 x 15 4 ply - 8 ply Rated Black or White Wall Tubeless
- 7.75 x 15 4 ply - 4 ply Rated Black or White Wall Tubeless