

June 4, 1965

ENGINEERING MEMO #107

TO: Memo Distribution
FROM: R. G. Fuller
SUBJECT: BALANCING OF WHEELS, TIRES AND HUB-DRUM ASSEMBLIES.

Corrective measures must be taken before mounting on a car if any wheel and tire assembly is found to be out of balance beyond acceptable limits. Putting off the balancing process can only lead to customer dissatisfaction. Complaints from Service indicate difficulty is being experienced in balancing.

Hub and Drum Assemblies will be balanced by our supplier to closer limits; 3 inch ounces.

Wheels will be controlled in radial run-out to .035". Passenger car purchased tires will be specified balanced within 20 inch ounces and limited to .045" radial run-out.

Tire and Wheel Assemblies shall be balanced to within the maximum limit of 20 inch ounces. The same assemblies should be checked for excessive radial run-out; which should be limited to 1/16". Immediate correction of excessive run-out should be undertaken by shifting tire 180° on rim; trimming rubber, or scrapping the offending component.