

ENGINEERING MEMO #213

TO: Memo Distribution
FROM: R. E. Orwig
SUBJECT: TAXICAB SPEEDOMETER CABLE & ADAPTER CHANGE

Due to many complaints from the field of excessive and erratic wear of the speedometer driven gears, and also the difficulty of removing the gear from the adapter, the snap ring groove in the adapter has been relocated and made shallower in depth. This change permits the gear to be readily removed from the adapter and also locates it on the center-line of the drive gear in the transmission.

Also, Service has had a serious problem of speedometer cable shafts being too long and consequently damaging the speedometer heads or breaking cables. This condition is also being remedied at this time with the new adapter. Presently, washers are being inserted (used as spacers) at the transmission end of the speedometer cable as a temporary "fix" for this condition. These washers are not to be used with the new designed parts.

The new adapter (703216) will be identified by a Di-Chromate Rainbow Color and must be used with the new cable (703215). However, the new cable can be used with the old adapter (701412) if the above mentioned washers are removed. The identification of the new cable is in the shaft length that extends beyond the ferrule at the transmission end of the cable. The new shaft extends 17/32" nom. instead of 3/4" nom. per the old cable.

This change will be effective without obsolescence of present stock on hand or committed for. Service requirements should be provided.

Following is a list of the parts affected:

92583 - Cable Assembly - Speedometer	}	Old Parts
701412 - Adapter Assem. - Speedo. Drive Cable		
120394 - Washer - 13/32 I.D. x 13/16 O.D. Plain (2 Req'd.)		

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703215 - Cable Assembly - Speedometer (Taxi) }
703216 - Adapter Assem.-Speedo.Drive Cable (Taxi) } New Parts

Note: 702568 - Key - Speedometer Drive Cable is unchanged
and is used with either set-up.

703215 superseded 92583 on Chassis #"Unknown" models B-11,B-11E.

703216 superseded 701412 on Chassis #90501 models B-11,B-11E.