



NORTHEASTERN ZONE

TO: ALL DEALERS

BULLETIN: 1-62-30

DEPT: SERVICE AND PARTS

DATE: June 12, 1962

SUBJECT: SPEEDOMETER EQUIPMENT - ALL MODELS.

Speedometer hands are frequently changed for complaints when in fact, other sources are responsible. The fitting of a new instrument only, without rectifying the cause of the failure, will only result in repeated trouble later. The following table of faults and remedies indicates the action recommended for individual complaints.

<u>FAULT</u>	<u>PROBABLE CAUSE</u>	<u>REMEDY</u>
Fluctuating needle.	(a) Oil in instrument.	1. Replace head.
		2. Clean surplus oil from inner cable and lightly lubricate. Use an approved general purpose grease. ON NO ACCOUNT MUST OIL BE USED.
		3. Renew oil seal in gearbox speedometer drive gear.
Complete lack of reading.	(b) Incorrect cable run.	1. Ensure connecting nuts at both ends are tight. Check that any bend in the cable is not less than 6" radius.
		2. Check that the inner cable does not project more than 3/8" from outer cable at the instrument end. A projection in excess of this indicates non-engagement on the gear box end. This depth of engagement should be a minimum of 13/16". Less than this indicates the possibility of foreign matter in the base of the spindle hole at the gearbox which can be cleaned out with a length of wire.
Complete lack of reading.	Damaged or faulty head.	1. Change the instrument.
		2. Check that the inner cable does not project more than 3/8" from outer cable at the instrument end. A projection in excess of this indicates non-engagement on the gear box end. This depth of engagement should be a minimum of 13/16". Less than this indicates the possibility of foreign matter in the base of the spindle hole at the gearbox which can be cleaned out with a length of wire.

SPEEDOMETER EQUIPMENT - AVL MODELS

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<u>FAULT</u>	<u>PROBABLE CAUSE</u>	<u>REMEDY</u>
Failure of mileage reading, or trip recorder.	Faulty head or faulty instrument	1. Replace instrument. 2. Check for the possibility of oil in the instrument head and proceed as for the fluctuating needle complaint.

NOTE: The flexible drive requires careful handling before and during installation. It must not be knocked or bent into coils of less than 12" diameter or forced into any temporary position, which results in permanent setting or kinking of the outer casing.

W. T. Yeager
W. T. Yeager
Zone Service Manager

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