

GEARBOX
&
OVERDRIVE

No.
E-7
JANUARY, 1965

TO: ALL ROOTES DEALERS
MODEL: SUNBEAM AND HILLMAN
SUBJECT: FOUR SPEED ALL SYNCHRO GEARBOX
SELECTOR SHAFT AXIAL LOADING

Section 'E' of the appropriate Workshop Manual gives the method of checking and adjusting the axial loading on the 3rd/4th selector shaft, used on the previous gearbox.

When rebuilding the 4-speed all synchro gearbox, use the same method, but all three selector shafts must be checked, and set to the correct torque.

The current torque loading figures are as follows:-
1st/2nd and 3rd/4th selector loadings are 25/35 lbs.
(11.3-15.8 Kgm)
The reverse selector loading is 40/45 lbs. (18.0-20.4 Kgm).

These loadings are critical and must be set within the given limits.

ROOTES MOTORS INCORPORATED

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