

ENGINEERING MEMO. #104

TO: Memo Distribution
FROM: R. G. Fuller
SUBJECT: BALL BEARING CLUTCH PILOT INSTALLATION

There are a number of B-11 Taxicabs in the Service Field that are being modified to include the subject bearing. Temporarily the change will be considered very special and not optional.

In connection with this, identification of cars which have been modified is important. The identification should be permanent and primarily on the transmission but because of the nature of the change both engine and transmission should be marked.

The following parts are pertinent to a modification procedure:

The Transmission Assembly, as purchased, will be given the identification #701522. Temporarily, the installation of Main Drive Gear, Checker #702673, W.G. #SK4359-16C in place of the standard Main Drive Gear in a Transmission Assembly #701062 will make #701522 Transmission Assembly.

The addition of 702674 Ring-Clutch Pilot Bearing Mounting Spacer in conjunction with 701513 Bearing Assembly-Clutch Pilot making sure that the installation press fit is not more than the bearing can take safely is all that is required to change the engine.

The next thing that is involved in this installation is the Plate Assembly-Clutch Driven which for clearance shall be changed to our number 701514.

Each installation must be recorded and to avoid complications identification mentioned earlier should be applied. A method which will serve our immediate purposes and is easily implemented: use 443340 Nut - 1/2 - 20 Hex Lock Type "HL" (2) instead of the usual lockwasher and nut at the two lower mounting studs for the transmission.

If some other means of identification is used the description of same would be helpful in determination of service requirements, so we request that said description be forwarded to Engineering for inclusion in this memo.