

DIRECTORATE GENERAL BORDER ROADS
GENERAL MAINTENANCE INSTRUCTION NO.119

ON

MAINTENANCE OF STARTER MOTOR BENDIX DRIVE ASSEMBLY

Introduction

1. A considerable amount of condensation takes place inside the starter drive housing, causing rust to form on the bendix assembly, with a consequent binding of the pinion of the quick thread. Free run of the starter drive pinion on the quick thread of the bendix drive is essential, otherwise the drive will not disengage from the starter ring gear when the engine is started.

Action by

2. (a) Project/User Units. Arrange with Workshops to carry out instructions in Para 3 below when necessary.
- (b) Field Workshop (GREF). Take necessary action as per instructions in Para 3 below.

Details

3. (a) Remove starter from vehicle at periods of 5,000 Kms or every 6 months whichever is the less.
- (b) Remove bendix drive from armature shaft and clean off all rust and corrosion from bendix assembly. Work the drive pinion along the quick thread until entirely free.
- (c) Wipe quick thread over with an oily rag and refit bendix to armature shaft and re-assemble starter on vehicle.