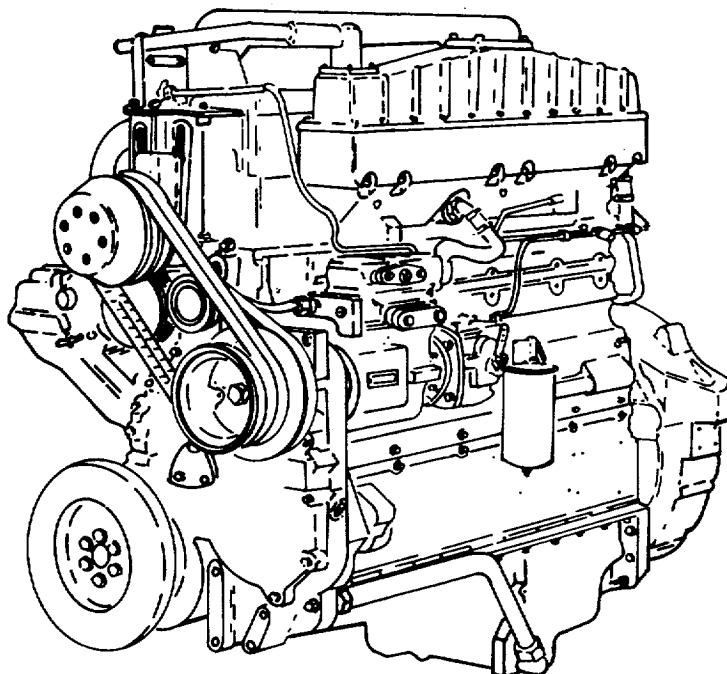


**DIRECT SUPPORT AND GENERAL SUPPORT  
MAINTENANCE MANUAL  
FOR**



**ENGINE, DIESEL, 6 CYLINDER  
INLINE, TURBOCHARGED,  
CUMMINS MODEL NTC-400 BC2  
NSN 2815-01-156-6210**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**This copy is a reprint which includes  
current pages from Change 1.**

**JULY 1985**

TECHNICAL MANUAL  
No. 9-2815-226-34-2

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC, 31 JULY 1985

**Direct Support And General Support Maintenance Manual  
ENGINE, DIESEL, 6 CYLINDER INLINE, TURBOCHARGED  
CUMMINS MODEL NTC-400 BC2**

**REPORTING ERRORS AND  
RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Tank-Automotive command, ATTN: AMSTA-MBS, Warren, MI 48397-5000. A reply will be furnished to you.

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**Section XVII. FLYWHEEL HOUSING REPAIR****3-44. INSPECT FLYWHEEL HOUSING****WARNING**

- COMPRESSED AIR USED FOR CLEANING PURPOSES WILL NOT EXCEED 30 PSI (207 KPA). USE ONLY WITH EFFECTIVE CHIP GUARDING AND PERSONAL PROTECTIVE EQUIPMENT (GOGGLES, SHIELD, GLOVES, ETC.).
- P-D-680 SOLVENT IS POTENTIALLY DANGEROUS. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. KEEP AWAY FROM FLAME OR EXCESSIVE HEAT.

- a. Clean housing with solvent and dry with compressed air.
- b. Visually inspect housing for cracks.
- c. If cracked, replace housing.
- d. Check starter mount pad threads for distortions.
- e. If threads distorted, mark for repair.

**3-45. REPAIR FLYWHEEL HOUSING****NOTE**

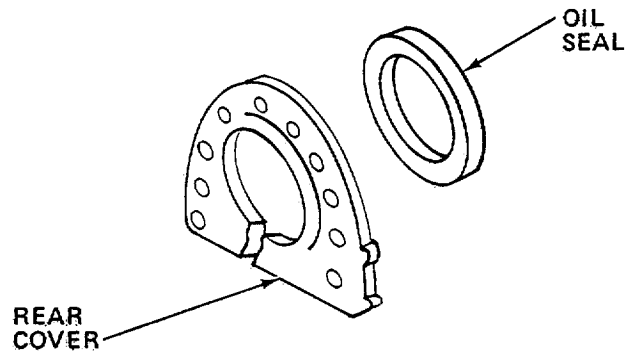
Repair of housing limited to re-threading of starter mount holes.

- a. Determine size of threads.
- b. With used tap, repair damaged thread.

**WARNING**

COMPRESSED AIR USED FOR CLEANING PURPOSES WILL NOT EXCEED 30 PSI (207 KPA). USE ONLY WITH EFFECTIVE CHIP GUARDING AND PERSONAL PROTECTIVE EQUIPMENT (GOGGLES, SHIELD, GLOVES, ETC.).

- c. Blow out hole with compressed air.
- d. Screw proper size capscrew into housing to check threads.
- e. If distortion does not clear up, replace housing.

**Section XVIII. REAR COVER REPAIR****3-46. DISASSEMBLE, INSPECT, AND REPAIR REAR COVER**

TA295399

- a. Place cover on support blocks with rear face down.
- b. Carefully remove oil seal and discard seal.

**WARNING**

- COMPRESSED AIR USED FOR CLEANING PURPOSES WILL NOT EXCEED 30 PSI (207 KPA). USE ONLY WITH EFFECTIVE CHIP GUARDING AND PERSONAL PROTECTIVE EQUIPMENT (GOGGLES, SHIELD, GLOVES, ETC.).
- P-D-680 SOLVENT IS POTENTIALLY DANGEROUS. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. KEEP AWAY FROM FLAME OR EXCESSIVE HEAT.

- c. Clean cover with solvent and dry thoroughly with compressed air.
- d. Check cover for cracks, nicks, burrs, and distortions. Discard if cracked or distorted.
- e. Remove nicks and burrs with emery cloth.