

DIRECTORATE GENERAL BORDER ROADS

GENERAL MAINTANENCE INSTRUCTION NO. 167

ON

BREAKAGE OF AIR COMPRESSOR CONNECTING ROD

Introduction

1. A number of cases of breakage of connecting rod of Air Compressor fitted on Bedford vehicles with CAV-DPA F.I.P. have occurred in the past and it is essential that sufficient care be given to the maintenance aspects. In some cases it has been deduced that the seizure of CAV-DPA FIP head and rotor assy had lead to the Air Compressor connecting rod breakage.

Aim

2. To laydown instructions to obviate the chances of CAV-DPA pump head and rotor assy seizure and subsequent damage to Air Compressor connecting rod.

Action

3. By user units

- (a) The user units must ensure that :-
- (i) Fuel filter elements are changed at appropriate Kilometerage (e.g. every 6000 Kms for agglomerator element).
 - (ii) Fuel tank cap is tightened properly.
 - (iii) 15 to 20 liters of diesel is always kept in the fuel tank as a reserve. (Double that for twin fuel tank).
 - (iv) Always use clean diesel fuel.
 - (v) Air delivery isnot restricted due to carbon deposit or any other foreign material in pipe lines.

By Field Workshops

- (b) Field workshop must ensure that :-
- (i) Whenever vehicle reports to workshop for repairs, it is confirmed that above instructions at (a) 1 to 5 have been strictly complied with by the user unit.
 - (ii) Compressor serial number must be quoted on all claims / correspondence for compressor defect with the firm.

Conclusion

4. User units and Field Workshops should ensure that technical instructions are complied with so as to extract maximum life from the vehicle.

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