

DIRECTORATE GENERAL BORDER ROADS

GENERAL REPAIR INSTRUCTION NO. 146

ON

ASHOK LEYLAND HIPPO (ALL MODELS)
ENGINE REMOVING PROCEDURE

AIM

1. This instruction lays down the detailed procedure of removing the engine at Ashok Leyland Hippo (all models).

Action by

2. Base/Field Wksp (GREF) - The following procedure will be adopted to remove the engine :-

- (a) Disconnect batteries.
- (b) Remove electrical connections to the dynamo & starter.
- (c) Disconnect oil pressure gauge connections to the engine.
- (d) Disconnect accelerator and clutch pedals connections to the engine as also engine stop control connection.
- (e) Drain the cooling system.
- (f) Disconnect water hosee from the engine.
- (g) Remove the front bumper horn and radiator grill.
- (h) Disconnect the side radiator stay and remove two bolts which secure the radiator to the mounting bracket on the front cross member.
- (j) Remove the radiator.
- (k) Remove the exhaust, fuel, oil gauge pipes from the engine.
- (i) Disconnect air pressure feed pipe at the compressor.
- (m) Remove change speed operation box.
- (n) support the gear box at the rear and engine from the bottom. Take care that engine is supported with the help of a trolley jack.
- (o) Remove the bolts securing gear box onto the flywheel housing.
- (p) Remove the front cross member onto the longer bers of chassis frame. Disconnect engine mounting pads from the front cross member.
- (q) Remove the front cross member.
- (r) Holding the engine firmly, pull the trolley jack alongwith the supported engine.

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