

DIRECTORATE GENERAL BORDER ROADS
GENERAL REPAIR INSTRUCTION NO 53

ON

**CORRECT METHOD OF REMOVAL OF SHACKLE PINS FROM THE
SPRING EYE – CAR 5 CWT 4X4 NISSAN PATROL A-60**

Introduction

1. Difficulty has been experienced in removal of Shackle Pins from the spring eye of Car 5 CWT 4x4 NISSAN PATROL A-60. The protruding part of the Shackle Pins is threaded. Shackle pin can be extracted with the help of ordinary 3/4 in x 16 ANF Nut.

Aim

2. To explain the correct method of removal of Shackle Pin from the spring eye of Car 5 Cwt 4x4 NISSAN PATROL A-60.

Items Affected

3. Shackle Pins, Rear Road spring of Car 5 Cwt 4x4 NISSAN PATROL A-60.

Details – Method of Removal

4. (a) Keep the vehicle on level ground and lift it by placing a jack under the chassis so that the rear road spring is free of load.
- (b) Remove the pin cutter and the out hexagon.
- (c) Tighten a hexagonal leaded nut 3/4 in x 16 ANF (Part No LV6/MT5/16250) at the threaded portion provided at the grease nipple end of the rear pin of rear spring till the splinted portion of the pin comes out of the spring hanger bracket.
- (d) Remove the pins by using a brass drift and hammer with light strokes.

Note :- Do not use steel drift for this purpose.

**HQ DGBR GRI No 53
Dated 23 Dec 72**

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