

## **Proposed script - Dismounting a carrier**

In this instructional presentation we are demonstrating the correct method for dismounting a Kaymar wheel carrier to facilitate bearing and pivot service.

Begin with removing the spare wheel from the carrier.

Check on the rear of the carrier arm for any cabling attached to work lights and number plate lights. These must be disconnected before proceeding any further.

With the carrier fully open, the gas strut should be unbolted from the rear bar. The carrier can now freely swing open and closed.

At this point the bearing dust cap is to be removed. Using a small flat blade screw driver prise the cap away from the bearing housing - a few gentle taps on the screw driver might be required to begin the process. Once removed use a clean piece of cloth or paper towel to remove old grease from inside the cap - place the cap aside in a clean parts tray.

To remove the bearing locking nut the retaining split pin is extracted from the slots in the top of the nut. The nut can then be loosened using a 38mm socket wrench or large shifting spanner. Please the nut, split pin and washer in the parts tray with the dust cap. (If the top bearing is free it can be removed too, wiped clean and placed in the tray)

The carrier is now ready to be removed from the pivot.

Firmly grasping the carrier near the lock handle and the bearing housing lift vertically until the bearing housing is well clear of the pivot shaft. Place the carrier in a dust free place.

Wipe the pivot shaft clean of old grease and any mud or sand around the base.

If the carrier is not to be remounted immediately then the pivot should be protected using a Kaymar pivot cover.

### **Filming Run Sheet**

Scene 1 (i) Introduction

Scene 2 (i) Show removal of wheel  
(ii) Disconnecting cables  
(iii) Removing bearing dust cap and cleaning

Scene 3 (i) Show removal of split pin  
(ii) Loosening and removal of retaining nut and cleaning  
(iii) Removal of washer and top bearing and cleaning

Scene 4 (i) Lifting the carrier off the pivot  
(ii) Clean the pivot  
(iii) Place pivot cover on shaft