

## **Proposed script - Mounting a carrier**

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

The bearings should have by now been cleaned and repacked with a top quality bearing grease. The large bearing mounted in the base of the carrier bearing housing and the dirt/water seal ring seated in place.

Prepare the pivot shaft - if fitted remove the pivot cover - by liberally coating with a top quality bearing grease along the full length of the shaft.

The carrier can now be placed on the pivot shaft by firmly grasping near the lock handle and the bearing housing and lifted so the bearing housing is immediately above the pivot. Slowly lower the carrier until it is engaged on the pivot. Before lowering completely rotate the carrier to the fully open position and lower to rest on the stop block.

Before fitting the top bearing the gas strut must be attached. Begin by fastening the cylinder end of the strut to the mounting point on the rear bar and tightening the nut. The carrier end of the strut can now be fixed to the mount on the carrier and the nut tightened. Now the strut is in place the carrier can be lifted slightly on the pivot and closed until the stop block is cleared and then fully lowered to engage on the base flange of the pivot.

With the smaller bearing fully packed with grease it can now be put in place with the main washer on top. The retaining nut should be screwed down lightly to seat the bearings and adjusted to 'finger tight' before fitting the locking split pin. It is important the retaining nut is not too tight and the carrier is able to freely swing.

Pack the bearing dust cap full of bearing grease and tap home on to the bearing housing with a rubber mallet.

Check once again to ensure the carrier freely opens, closes and locks before mounting spare wheels.

### **Filming Run Sheet**

Scene 1 (i) Introduction

Scene 2 (i) Show washing and packing of bearings  
(ii) Seating large bearing and water seal  
(iii) Prepare pivot shaft

Scene 3 (i) Show placing the carrier on the pivot past stop block  
(ii) Attaching gas strut  
(iii) Compressing gas strut

Scene 4 (i) Fitting top bearing  
(ii) Adjusting retaining nut and split pin  
(iii) Greasing and fitting the dust cap