

Kaymar

Fitting Instructions



Vehicle General

Year

Type

Part Wheel Carrier

Applicable to Part Numbers

Wheel Carriers - K1014, K1016, K1017, K1021, K1022, K1036U, K1052, K1082, K1096, K8000L&R, K8010L&R, K8020UL&R, K8040UL&R, K8050L&R, K8070L&R, K8090L&R, K8100L&R, K8105L&R, K8110L&R, K8120L&R, K8130L&R, K8140R, K8140UL&R, K8150L&R, K8160L&R, K8170L&R, K8190L&R, K8210L&R, K8220L&R, K8230L&R, K8240L&R,

Date published December 7, 2020

IMPORTANT - BEFORE COMMENCING INSTALLATION

Please verify the part number corresponds with the list above.

Read through these instructions and check items in the supplied fitting kit matches the attached list.

Every effort is made to ensure instructions are as accurate as possible at the time of publishing however work should not be commenced until the document has been thoroughly read, measurements checked and all components in the package verified as complete. Kaymar has used reasonable care in preparing the information included in these documents, but makes no representations or warranties as to the completeness or accuracy of the information. Information is supplied upon the condition that the persons receiving the information will make their own determination as to its suitability for their purposes prior to use. Kaymar assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein. Kaymar reserves the right to make changes without further notice to any products to improve reliability, function or design.

Spare Wheel Carrier Fitting to Kaymar Rear Bar

1. Fit the wheel carrier onto the shaft and slide the bearing into the top of the wheel carrier pivot housing. **MAKE SURE THE BEARING AND THE SHAFT ARE GREASED FIRST.**
2. **Fit gas struts now** – see separate instructions on page 3.
(Not applicable for Nissan GQ, Toyota 40 and 62 Landcruiser, RA Rodeo, Discovery Series 2)
3. Fit the large flat washer over the shaft then screw the retaining nut down onto the bearing and tighten. **DO NOT OVER TIGHTEN.** (FILL WITH GREASE FIRST) Fit retaining pin. Fit cover cap over the top of the housing.
4. Once the wheel carrier has been fitted to the bar, place the lock catch hook into the loop of the handle and position the lock catch and the carrier against the bar as shown in Fig. 1.
5. Move the lock catch along the handle rail until you achieve the 35mm gap as shown in above picture.
6. With the lock catch held firmly against the bar with the carrier, mark the position of the bottom two holes of the lock catch.

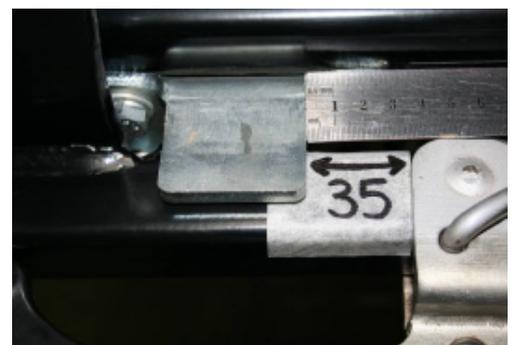


Fig.1

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7. Separate the carrier from the lock catch and swing out of the way.
8. FOR: TOYOTA 100 SERIES, 80 SERIES
Centre punch these holes and drill out 8.5mm and tap these holes with a 10mm x 1.5 tap. Drill through the replacement bar only, not the chassis or the bumper.
9. Fit the lock catch with the 10mm bolts supplied. Line up the handle rail of the wheel carrier in the centre of the lock catch, then tighten all the bolts.



10. The hook of the lock catch can be levered in or out to give a positive tension when locking the handle closed.
11. The clear protective strip included in the fitting kit should be placed on the bar behind the latch.

NOTE: ON BARN DOOR MODELS

THE BARN DOOR MAY NEED TO BE ADJUSTED, SO THE DOORS DO NOT TOUCH THE CARRIER ARMS AND JERRYCAN HOLDERS FITTED. (see page 4 for details)

12. Fill the bearing dust cap with grease and fit to the carrier.
13. Refer to page 4 for correct use of lock tab washer. **IMPORTANT**
14. The reflector needs to be attached to the carrier arm near the pivot point.
15. If fitting a padlock, ensure you secure it with a cable tie to avoid rubbing or touching of paintwork on the vehicle body.

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Number Plate Mounting

Ensure the number plate is mounted tight against the tyre and the wiring for the light is passed through the spare wheel as shown.



FITTING INSTRUCTIONS GAS STRUT

1. Fit cylinder end of the gas strut to the top of the rear bar using M8 wizz nut.
2. With only the bottom bearing fitted to the pivot. Tilt the carrier arm up until the other end of the gas



strut fits through from the underside of the tab on the carrier arm. Attach using M8 nyloc nut. Leave loose.

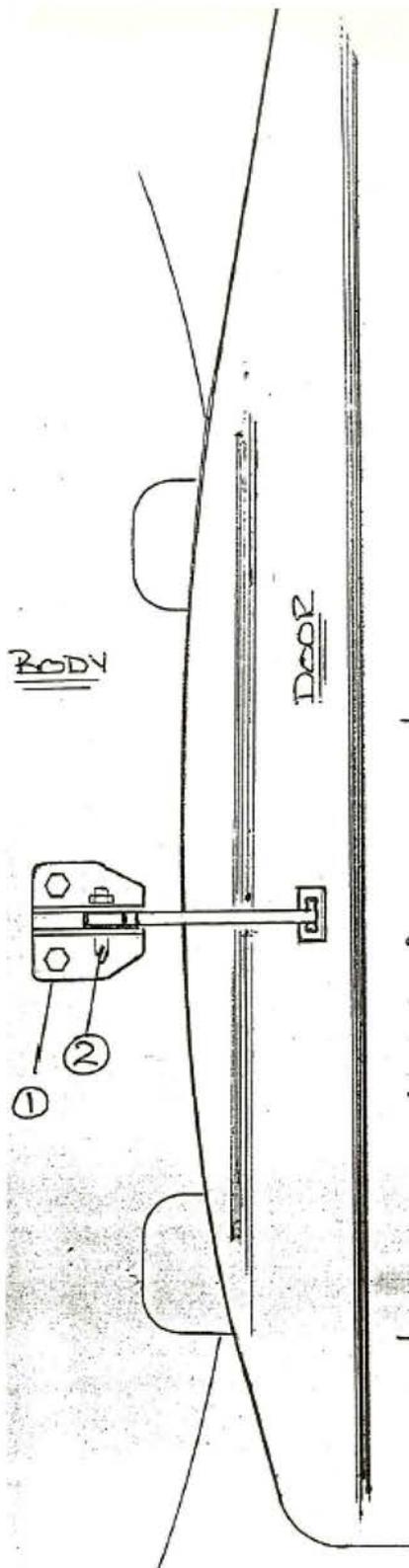
3. Using the carrier arm for leverage, compress the strut and slide the carrier arm completely on to the pivot shaft. Fit the greased top bearing, flat washer and nut. Tighten firmly (but not over tight) and fit the split pin.
4. Tighten the nyloc nut until firm so that the gas strut lock can be swung in and out.
NOTE: May need to bend lock down so the cut out is aligned with shaft of the gas strut.
5. Fill the bearing cap with grease and fit to the carrier.

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BARN DOOR STOP ARM ADJUSTMENT



The door stop must be adjusted so as the door cannot open far enough to hit the wheel carrier

Remove the pivot pin 2 by gently tapping it upward with a small hammer

Remove the two 6mm bolts which hold the bracket 1 to the body

Slot the two bolt holes so as the bracket can move toward the front of the vehicle 5-6mm

Re-assemble on the vehicle if twin carriers are fitted this must be done to both doors

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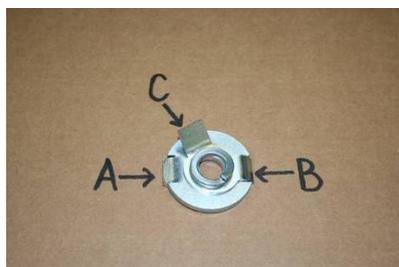
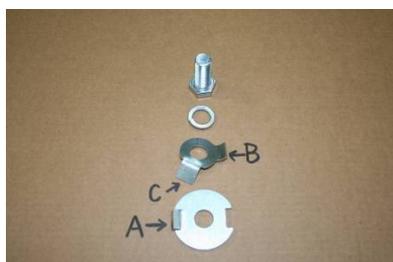
Fitting Instructions



LOCK TAB WASHER

1. Fit the top slide (wheel holder) into the wheel carrier.
2. Fit spring washer and small lock tab washer onto 16mm bolts.
3. Fit large 5mm thick washer onto bolt with lug (A) facing away from the head of the bolt.
4. Apply a thin film of grease to the bolts.
5. Screw 16mm bolt through the slots in the wheel carrier housing into the top slide. Make sure that the lug (A) fits into the slot first. Make sure you fit both bolts.
6. Fit the wheel and wheel lock plate.
7. Open the wheel carrier and stand behind it. PULL THE TYRE INTO THE CARRIER FRAME SO THAT THE TYRE SITS HARD AGAINST THE FRAME.
8. Tighten the two 16mm bolt to at least 140nm, make sure tab (B) fits into the cut-out in the 5mm washer.
9. Continue turning the bolt unit one flat on the hexagon is aligned with tab (C) of the lock tab washer.
10. Flatten tab (C) onto a flat of the hexagon on the bolt head. Do the same with bolt bolts. Make sure the whole tab sits flat on the bolt head.

THIS MUST BE DONE



11. Please stick on 3M plastic film (provided) to the bar where the latch is situated to protect the bar finish.

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Fitting Instructions



BK3 CATCH KIT FOR "CARRIER TO BAR" WITH-OUT LIGHT

QUANTITY	DESCRIPTION
1	CATCH SLIM LINE
4	WASHER FLAT M10 X 20
2	WASHER SPRING M10
2	NUT M10 X 1.5
2	BOLT M10 x 16 X 1.5
2	BOLT M10 X 30 X 1.5
1	DUST CAP FOR CARRIERS
1	BEARING SMALL GOLD FOR TWIN CARRIER
1	WASHER FLAT - BEARING FOR PIVOT
1	NUT CASTLEATED FOR CARRIER PIVOT
1	SPLIT PIN FOR CARRIER PIVOT
1	REFLECTOR
1	3M CLEAR PLASTIC STICKER