

# Kaymar

## Fitting Instructions



Suitable for  
**Toyota FJ Cruiser**  
Year  
Type **Wagon**  
Part **Rear Bar**

### Applicable to Part Numbers

K3660-S, KITFJ-S, KITFJ-S-R-JCD, KITFJ-S-L-JCD

Date published November 28, 2017

## IMPORTANT - BEFORE COMMENCING INSTALLATION

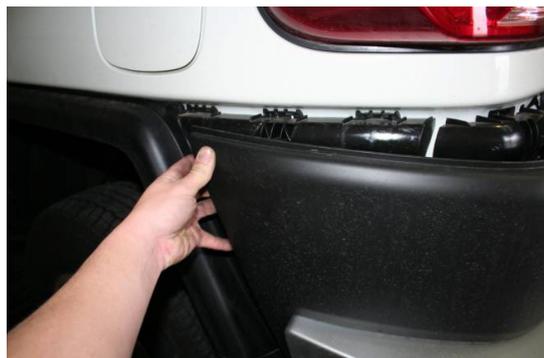
**Please verify the part number corresponds with the list above.**

**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.

### For Fitting to Toyota FJ CRUISER

1. Remove wheel cover and wheel from door.
2. Unplug camera from behind wheel on door bracket, then remove bracket.
3. Open tailgate and remove plastic scrot from right hand side of bumper. Then the five screw from top of bumper. Unplug trailer harness and sensors.
4. From mud flap end of bumper, pull side wings away from body to release plastic clips. Remove bumper.



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5. Remove polyurethane infill, then two metal bumper support brackets from chassis.



6. Remove tow bar if fitted.

7. Remove tie down lug from right hand side of chassis. Then four screws holding bumper support plates.



### **NOTE: For vehicles with rear fuel tank**

The fuel tank cover needs to be cut to allow the Kaymar bar to fit

On either side of the rear most hole cut a rectangle 50mm x 20mm as shown in the photo below.



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The rear corners of the cover need to be trimmed to clear the tow bar (see photos below)



8. Unplug wiring from lights in bumper, then remove lights. Disconnect number plate lights and remove sensor harness.
9. Remove number plate lights, then take sensor out of sensor housing then housing out of bumper.
10. Remove silver plastic mouldings from each side of bumper.
11. Mark bumper as shown in photos below. Cut along lines using an angle grinder. Clean cut edge with a Stanley knife.



12. Refit plastic to vehicle using original hardware.



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13. Fit sensor housing into Kaymar bar. Fit sensors and plug in sensor harness. Glue wing rubber to bar using Loctite 454.



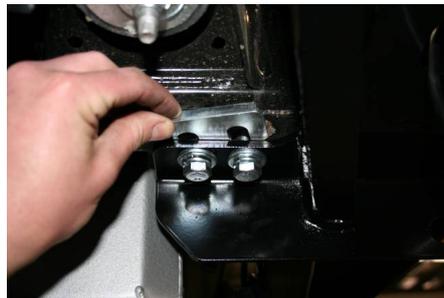
14. With another person, lift Kaymar bar onto vehicle. NOTE: Welds on chassis may need to be ground flat, spray with black paint.



15. Fit two M12 x 50 x 1.25 bolt, flat, spring washer to either side into bottom of chassis.

16. Fit two M12 x 50 x 1.25 bolt, flat and spring washer through bar to centre of chassis.

17. Fit the two 8mm spacers between bar and chassis.



18. In behind mud in wheel arch, fit M12 bolt on wire through hole in chassis, down to side plate in Kaymar bar, secure using M12 flat, spring and nut. Do this to either side. **DO NOT TIGHTEN.**



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19. Tighten all bolts, starting with bolt in bottom of chassis, then two bolts in side of chassis.
20. Splice in 7 core wire supplied, into trailer harness. For LED lights follow table below.

	Vehicle	Right Hand LED	Left Hand LED
Stop	Red	Red	Red
Tail	Brown	Brown	Brown
Earth	White	White	White
Reverse	Black	Black	Black
L/H Indicator	Yellow		Yellow
R/H Indicator	Green	Yellow	

21. Cable tie all wiring out of the way.
22. Apply a thin bead of silicon to under side of tread plate. Lay plastic strip on tread plate, then apply another bead of silicon to plastic strip. Screw tread plate to bar using M6 hex head screws.
23. If spare wheel carriers or jerry can holder are to be fitted. See separate fitting instructions.
24. If camera relocation is required. See separate fitting instructions.

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### BK3660-SFJ CRUISER REAR BAR WITH SENSORS

QUANTITY	DESCRIPTION
2	BOLT ON WIRE M12 X 35 X 1.75 600 MM WIRE
6	BOLT M12 X 50 X 1.25 FINE THREAD
8	WASHER FLAT M12 X 30 HD
8	WASHER SPRING M12
2	NUT M12 X 1.75
1	RUBBER GROMMET 30MM
2	PACKER DOUBLE SLOT 8 MM 75 X 48
1	WIRE TRAILER 7 CORE 1200 MM LENGTH
2	WING RUBBER - SMALL VEHICLE



*bolt\_on\_wire\_M12x35x1.75\_600mm\_wire*



*packer\_double\_slot\_8mm\_75x48\_M*



*wing\_rubber\_small\_vehicle*



*rubber\_grommet\_30mm*

# BK3660-SFJ CRUISER REAR BAR WITH SENSORS



*wing\_rubber\_small\_vehicle*



*bolt\_on\_wire\_M12x35x1.75\_600mm\_wire*



*rubber\_grommet\_30mm*



*packer\_double\_slot\_8mm\_75x48\_M*