

FIT1025

TRUCKMAN

THE UK'S LARGEST HARDTOP MANUFACTURER

LUXURY HARDTOP FITTING INSTRUCTIONS



PART NUMBERS:

8HF2H3%%FORA6(or7)D 8HF2H7%%FORA6 (or7)D
8HF2H8%%FORA6 (or7)D 8HF2H9%%FORA6 (or7)D
8HF2H7%%FORA6 (or7)E 8HF2H8%%FORA6E 8HF2H9%%FORA6 (or7)E

FORD RANGER MK5, 6 & 7 DOUBLE CAB AND
SUPER CABS

Please read these instructions carefully. If you have any questions regarding the fitting of this item call 01384 485 405 or email fitting@autostylinguk.com.

Failure to comply with these instructions may affect any warranty considerations

KIT CONTENTS



1 x Luxury Hardtop



1 x Protective Tape (Roll)



6 x Clamp Locks



1 x Blanking plate



1 x Set Scotch Locks



1 x Wiring harness



1 x Touch-up paint

Tools Required:

- 17mm Spanner/socket
- 4mm hex key
- 10mm spanner(x2)
- Torque Wrench
- Trim clip tool
- Pliers
- Multimeter
- Screw drivers

Materials Required:

- Silicone sealant
- Cable ties

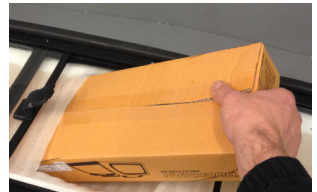
PREPARATION



1. Remove the cardboard packaging and set aside. Keep intact.



2. Carefully remove the protective wrapping. (On a 'Grand' canopy, open the side windows to release.)



3. Open the bulkhead window and retrieve the fitting kit.

OVER RAIL BED LINERS can cause the hardtop to leak due to an uneven surface. Therefore, Auto Styling Truckman highly recommends converting to or replacing with an under rail bed liner.



4. Locate the canopy connector plug and ensure it is secured to avoid damage to seals.



5. Remove the bolt caps from the clamps and completely unscrew each of them.



6. Remove cab protector (if fitted) and thoroughly clean the vehicle's rear window.



NOTE: The Mk6 Ranger's third brake light must be disconnected and removed in order to fit the canopy. A blanking plate and fixings are supplied to fit in place of the brake light.



7. Un-clip the cover of the third brake light cluster and slide it off.

8. Remove the mounting screws and then the light unit.





9. Disconnect the wires.



10. Fit the blanking plate supplied.



11. Wipe down the top surface of the bed rails.

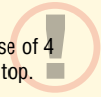


12. Fill the joint between the front and side rails with silicone.

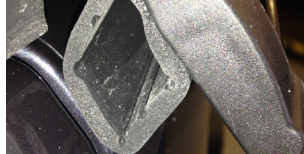
13. Before mounting the canopy, check that the rear door of the canopy and the vehicle's tailgate are fully shut.

HEAVY LIFTING

We recommend the use of 4 people to lift the hard top.



14. Lift the canopy on to the bed of the vehicle.



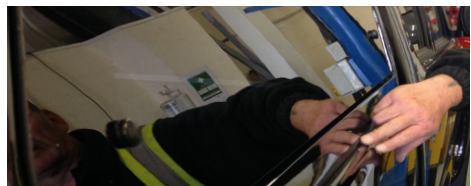
15. Carefully adjust the position of the canopy so that the seal under the rear door is just in contact with the tailgate.



16. Check that the canopy and vehicle bed line up at the front and the canopy does not overhang.



17. Centralise the bottom of the rear door to the tailgate.

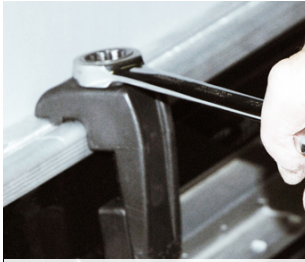


18. Then centralise the canopy at the front end.

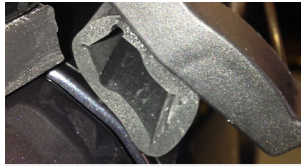


19. Assemble the clamps loosely in position on the side rails. There are pre-set spaces in the rubber trim which give the correct positions.

FITTING



20. Tighten the clamps to 8Nm



21. Ensure the rear door fully latches when closed firmly (the seal under the door should now be half compressed).



22. Small adjustments can be made, if required, by re-positioning the striker plates.

23. Check the position again and if necessary, slacken the clamps and repeat steps 15-21.
24. After 30 mins check the torque again then replace the clamp bolt caps.

TAILGATE PROTECTION



A strip of clear protection tape is supplied in the kit to prevent abrasion to the paint on the rear of the tailgate. It is cut to length for the Ford Ranger tailgate and must be positioned so that it protects the area where the rubber seal on the bottom of the hardtop door touches.



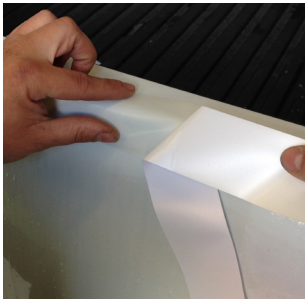
25. Thoroughly clean the top of vehicle's tailgate and apply a fine spray of water.



26. Use a blade to partly remove the backing film. Avoid touching the adhesive with your fingers.



27. Apply the tape approx. 2-3mm from the edge of the tailgate.



28. Peel the backing away whilst laying the tape in position.



29. Make any adjustments to the position then use a squeegee to remove the water and any air bubbles.



30. Dry the area whilst making sure the position of the tape is not disturbed.

Caution: Auto electrics should only be carried out by a competent person. Vehicle wire colours are listed as a guide and may vary on some models.

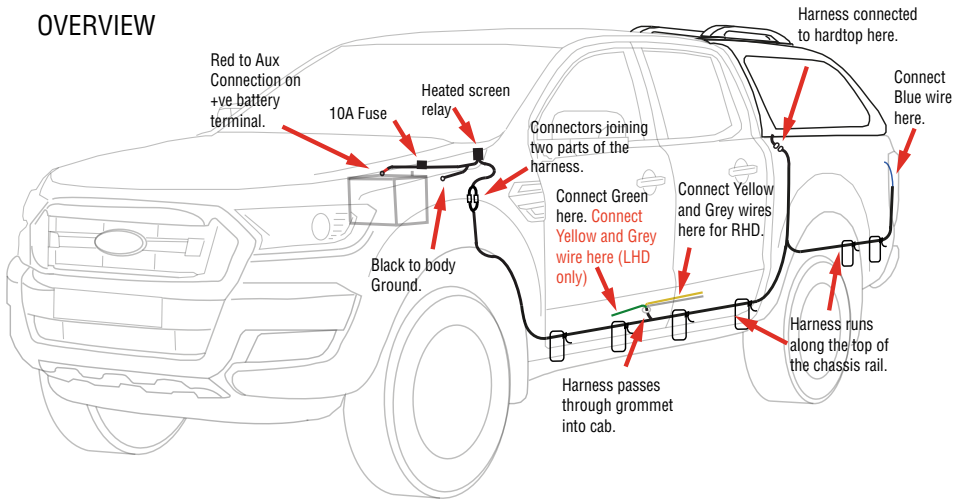


The function of each wire should be checked before any connections are made.

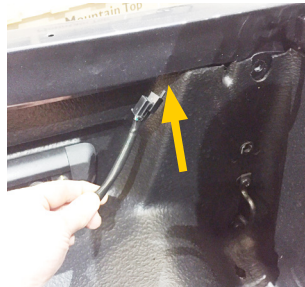
Ensure the ignition is switched off and the battery -Ve terminal disconnected before connecting any wires. Ensure the harness is securely cable tied before using vehicle.

For hardtops with serial number M1039840 and above use electrics: SECTION 1.
For serial numbers below M1039840 go to SECTION 2 on page 8.
(the serial number is located on a decal attached to the front window)

OVERVIEW



1. Take the wiring harness from the fitting kit. Straighten it out noting the large grey plug at one end and the two smaller ones at the other. *Note: unplug the relay section if it is attached.*



2. Locate the gap in the vehicle body in front left corner of the load bed (under the rail). You may need to temporarily remove the front clamp.



3. Pass the end of the harness containing the two small plugs through the gap. Draw the harness through from below (leave approx 10cm of harness and the plug inside the load bed).



4. Remove the left side rear light cluster.



5. Take the section of harness containing the blue wire back along the chassis rail to the rear light using the cable ties supplied. Connect the blue wire using the guide.



6. Run the forward section of the harness along the chassis. Locate this grommet in the sill below the front seat.



7. Remove the sill trim on the left side front door.



8. Make a small slit in the grommet then pass the section of harness containing the Green, Yellow and Grey wire through into the cab.



9. Draw the harness through into the sill area. Open the vehicle's wiring loom in the front sill and locate the heated screen (Black). Make the connection as per the guide opposite.

10. Remove the sill trim from the Passenger side rear door.

11. Run the Yellow and Grey wires across to the rear sill under the B post trim.



12. Locate the remote locking wires in the vehicles wiring loom and connect the Yellow and Grey wires as per the guide.

NOTE: Check the function of the wires in the vehicle loom carefully as there may be several of the same colour present (wires should be ground 0V when inactive and pulse +12V when active)

FORD RANGER MK5, 6 & 7

Refer to the tables below for a guide to wire colours. Test the function of wires before connecting the harness. *Remote locking wires are Ground when inactive and +12V when active. Manually operate the door catch when testing.*

NOTE: the remote locking wires on a SUPER CAB are located behind the kick panel, forward of the sill.

WIRE COLOUR GUIDE -DOUBLE CAB

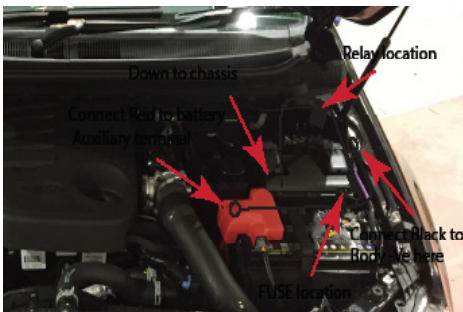
HARDTOP	FUNCTION	VEHICLE	NOTES (for testing wire function)
In the rear light	Brake Light	GREEN	+12V when brake pedal is depressed.
In the door sills	Heated Screen	BLACK OR BLACK/BLUE	+12V when the heated screen is on.
	Central Locking (Lock)	medium GREY/BROWN	Door catch should be operated - these
	Central Locking (Unlock)	medium BROWN/GREEN	wires flash +12V using the remote.

NOTE: in some vehicles the Brown/Green wire may be Brown/Yellow, Brown/Blue or plain Brown.

Test with a meter. The wire should pulse 12V when the vehicle is unlocked and have continuity with -VE when locked.

WIRE COLOUR GUIDE -SUPER CAB

HARDTOP	FUNCTION	VEHICLE	NOTES (for testing wire function)
In the rear light	Brake Light	RED	+12V when brake pedal is depressed.
In the door sill	Heated Screen	BLACK OR BLACK/BLUE	+12V when the heated screen is on.
In the kick panels	Central Locking (Lock)	GREY/BROWN	Door catch should be operated - these
	Central Locking (Unlock)	VIOLET/ GREEN	wires flash +12V using the remote.

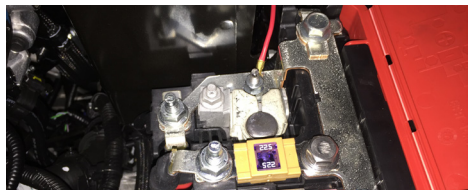


13. Take the harness forward along the chassis then up into the engine bay. Connect the section of harness containing the relay to the main section using the small plugs.

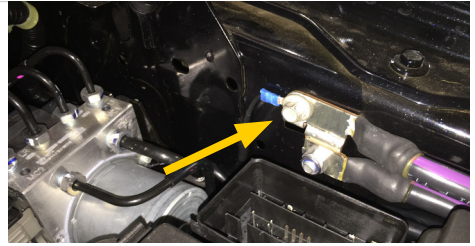
13. Refer to the diagram left for routing of the harness in the engine bay.

14. Attach the red wire to the positive battery terminal.

15. The black wire should be connected to the body 0V attachment point (not to the battery -VE terminal).




16. Release and remove the large connector adjacent to the body attachment point if it is necessary to gain better access.



Now proceed to TESTING on page 11.


This section is for hardtops with serial number below M1039840 .

Caution: Auto electrics should only be carried out by a competent person. Vehicle wire colours are listed as a guide and may vary on some models. **The function of each wire should be checked before any connections are made.**



WIRE COLOUR GUIDE -DOUBLE CAB

HARDTOP	FUNCTION	VEHICLE	NOTES - Checked on a 2016 Mk6
YELLOW	Central Locking (Lock)	Thick GREY/BROWN	Door switch needs to be held down, but these wires flash +12V using the remote.
GREY	Central Locking (Unlock)	Thick BROWN/GREEN	
BROWN	Not used	NOT USED	Not used
BLUE	Brake Light	PURPLE/WHITE	+12V when brake pedal is depressed.
GREEN	Heated Screen	Thin GREY	+12V when the heated screen is on.

 For the Double cab remote locking is connected in the driver's door sill, the heated screen feed is connected behind the driver's kick plate and the brake light feed is taken from the brake pedal switch.

WIRE COLOUR GUIDE -SUPER CAB

HARDTOP	FUNCTION	VEHICLE	NOTES - <i>Checked on a 2016 Mk6</i>
YELLOW	Central Locking (Lock)	Thick GREY/BROWN	<i>Door switch needs to be held down, but these wires flash +12V using the remote.</i>
GREY	Central Locking (Unlock)	Thick PURPLE/ GREEN	
BROWN	Not used	NOT USED	Not used
BLUE	Brake Light	PURPLE/WHITE	+12V when brake pedal is depressed.
GREEN	Heated Screen	Thin GREY	+12V when the heated screen is on.



For the Super cab remote locking and the heated screen feed are connected behind the driver's kick plate and the brake light feed is taken from the brake pedal switch.



1. Locate the wiring harness from the fitting kit then, in the engine bay, pass the grey plug down to the chassis in the position indicated by the arrow.



2. Feed the plug back along the chassis so that it is level with the back of the cab.



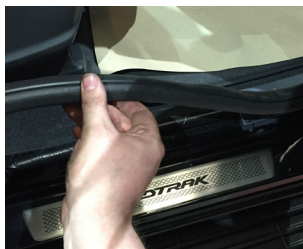
3. Pass the canopy section of wiring harness down between the cab and the load bed and connect it to the vehicle section.



4. Locate this grommet under the driver's seat position.



5. Remove the driver's sill cover-



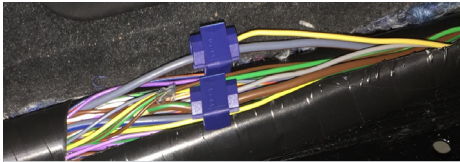
6. -and the rubber trim.



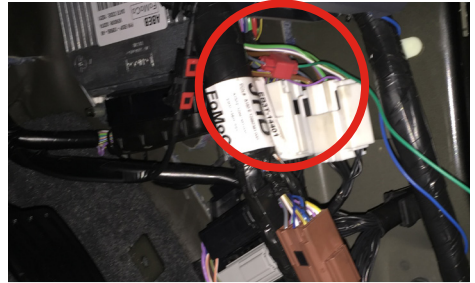
7. Also remove the kick panel.



8. Pass the section of the harness containing the Green, Blue, Brown, Yellow and Grey wires through the grommet and into the cab.



9. (Double cab) Locate the remote locking wires in the vehicle's loom under the sill cover, test the functions then make connections as per the table on page 5. (Super cab) The remote locking wires are located behind the kick panel on the right side of the driver's foot well. Refer to page 5.



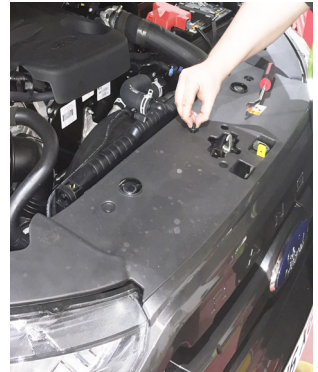
10. Take the Green and Blue wires forward. Make the connection for the heated screen behind the kick panel here.



11. The Blue wire is connected at the brake pedal switch.

12. Install the section of harness containing the fuse and relay in the engine bay. Use the diagram opposite as a guide for cable routing.

13. Remove the 3 centre panel clips (as shown right). This will enable the cover to be lifted and the harness tucked neatly beneath.



14. Cable tie the relay to the coolant reservoir mounting

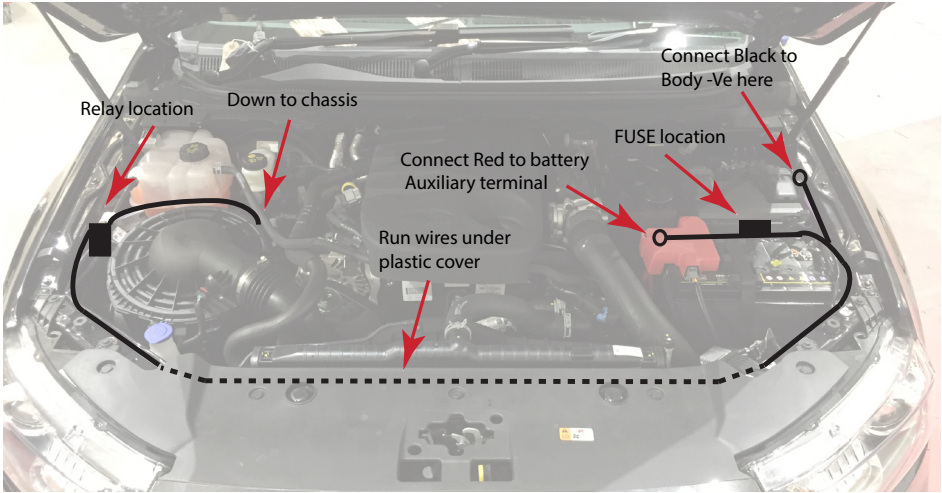


15. Attach the red wire to the battery auxiliary terminal.

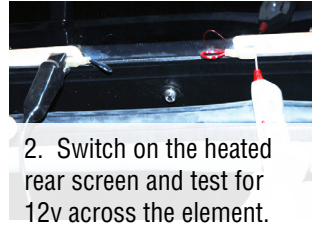
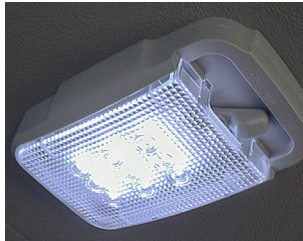


16. Connect the black wire under one of the main -ve body attachment fittings.

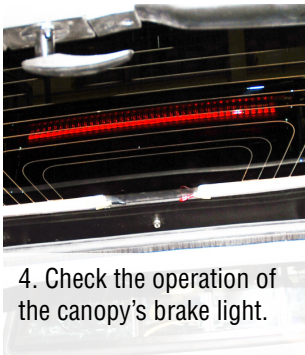
FORD RANGER MK5,6 & 7



1. Re-connect the battery, switch the canopy's interior light to 'door'. The light will illuminate when the canopy rear door is open.

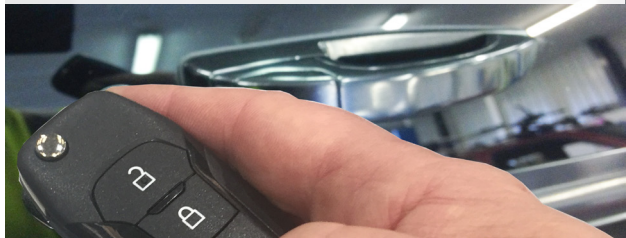


2. Switch on the heated rear screen and test for 12v across the element.



4. Check the operation of the canopy's brake light.

3. With all of the doors closed, check that the hard-top locks and unlocks with the vehicle's remote. (Note: The Mk6&7 will unlock on the second press of the button)



5. Re-wrap and cable tie all wires away from moving parts or heat sources. Replace all of the trims and seals then repeat steps 46-49. The installation of your **TRUCKMAN** Luxury hard top is complete.



The Truckman Luxury hardtop is designed to rely on the vehicle's central locking. It should lock and unlock with the vehicle's key fob. The keys are provided for use as a back-up only. Ensure the key has been turned fully clockwise and removed in order for the remote locking to operate.

MODELS COVERED:

Truckman Luxury tops (Grand, GLS, S and L Series) for Ford Ranger Mk5 (2012-16), Mk6 (2016-19) & Mk7 (2019-) Double cab and Super cabs

These instructions are correct at time of publication only and may be amended without notice. For the latest version contact fitting@autostylinguk.com or call us on 01384 485405

IMPORTANT NOTES

Ensure the tailgate and side windows (if applicable) are closed when driving.

Do not place animals in the load area without adequate ventilation.

Do not exceed vehicle manufacturer's load limit when using roof rails.

Do not use a pressure-washer near the seals.

MAINTENANCE

AFTER THE INITIAL 300 MILES AND THEN EVERY 3000 MILES

Check the tightness of the fixing clamp bolts (*8Nm Torque*)

3 MONTHLY Use a light oil to lubricate the lock and hinges.

CLEANING

Use ordinary non-ammonia based car cleaning products and a soft or microfibre cloth.



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Notice

It is important that safety warnings in the instructions are adhered to.

Do not attempt to fit this product if you are not competent to do so. Improper fitting may affect your warranty considerations.

Due to tolerances of the vehicle fitting of this product may differ from the exact fitting specifications described in the instructions. It is the responsibility of the fitter that the product is installed correctly.

Fitting instruction revisions may be found at www.autostylinguk.com