

TheJagWrangler LLC

Remote Convertible Top Controller for the Jaguar X150 XK and XKR (Alloy Chassis)

Model years 2006-2011

Installation and Operation

Introduction

Jaguar omitted the very desirable ability to control the convertible top operation with the *existing* XK or XKR SmartKey remote.

This feature adds convenience, fun and 'cool factor' to the ownership experience of a convertible XK or XKR. It is handy for saving time as you walk to the vehicle and lower the top. It can also help you to locate the vehicle in a busy parking lot and save you time as you automatically close the top.

Three consecutive presses of the exterior door lock handle button will also raise the top for added convenience.

As an added attraction, the Remote Module provides a 'One Touch' operational feature to the top button on the roof console inside the car. The days of holding the convertible top button on the roof console until the cycle is finished are over!

As an option, rear window control is an add-on feature when you install the remote top module. This will let you raise the rear quarter windows with the top down to reduce wind noise and buffeting during top down motoring.

Once you have these great features, you will not know how you did without them!

The module comes complete with all accessories needed for installation. All wiring is color coded to match your vehicle, so you simply have to match the colors to the car wiring to install it. Connections are made with included Posi-Taps™, which are extremely simple-to-use reliable wire connectors.

The module also has LED indicators (hidden from view at the fuse-box behind the rear seats) which give you positive confirmation of a correct installation.

Kit Contents (supplied):

- Remote top control module with vehicle-matched color-coded wiring harness
- Quantity 6, black 4" tie wraps
- Quantity 6, AWG 22-24 Posi-Taps™ (may be solid red or red and black)
- Quantity 4, clear vinyl insulating tubes
- Quantity 2, AWG 20-22 Posi-Taps™ (red/grey)
- Velcro™ patch, 2" x 2" (50mm x 50mm), industrial grade
- USB software feature upgrade cable (save for possible future use, not normally needed for installation)

Additional items with Rear Window Control Option:

- Rear window control relay and wiring harness assembly (pre-wired to remote top control module)
- Quantity 1, AWG 16-18 Posi-Tap™ (blue)
- Velcro™ patch, 2" x 2" (50mm x 50mm), industrial grade

Tools List (must be provided):

- 1/4" or 3/8" ratchet
- Torque wench
- 10mm socket
- T30 torx socket (male)
- T40 torx socket (male)
- Cool-running bright light source that you can bring inside of vehicle
- Scissors
- Small flat blade screwdriver (helpful but not required)
- Magnifier (helpful but not required)
- Handheld hair dryer (helpful but not required)

Installation

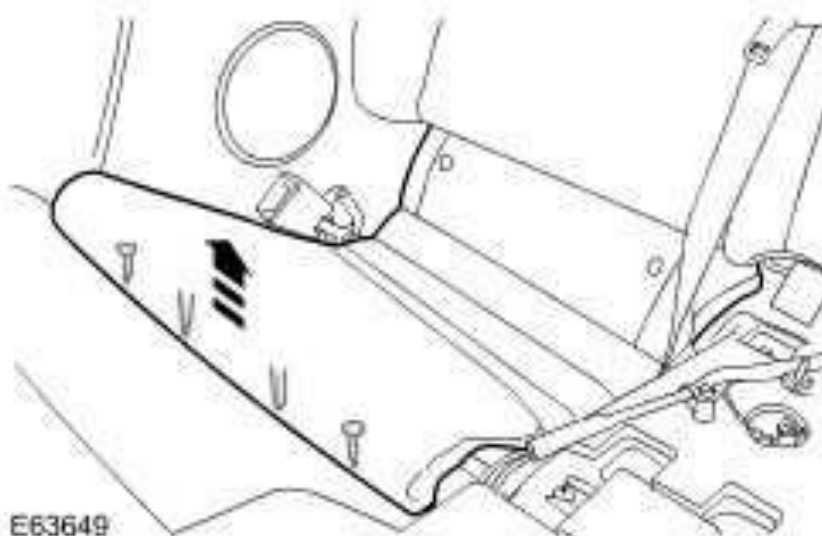
IMPORTANT: Prior to installation read and follow the 'Last Minute Installation Notes' enclosed with the unit.

Part I- Disassembly to access the convertible top wiring. Steps 1-4 will give you access to the wiring to install the remote module.

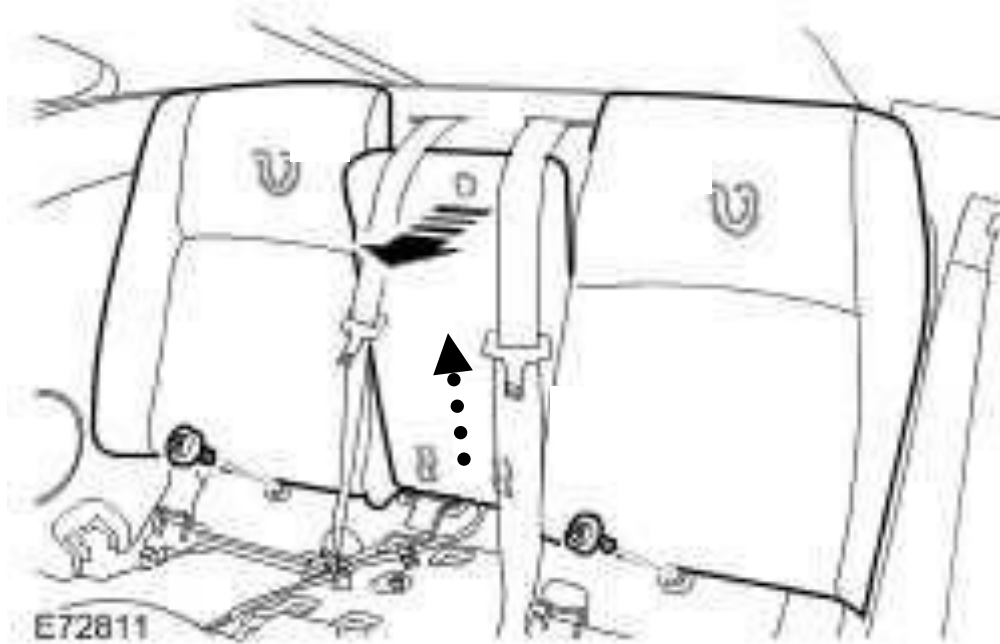
Step 1a: Put the top down. Then remove the rear armrest by firmly lifting it straight up. Set the armrest aside. (**Note:** If you have a factory or aftermarket wind defelctor, remove that also at this time).



Step 1b: Remove both rear seat bottom cushions by lifting straight up from the front edge of each cushion. Once released, remove the cushions and set them aside.



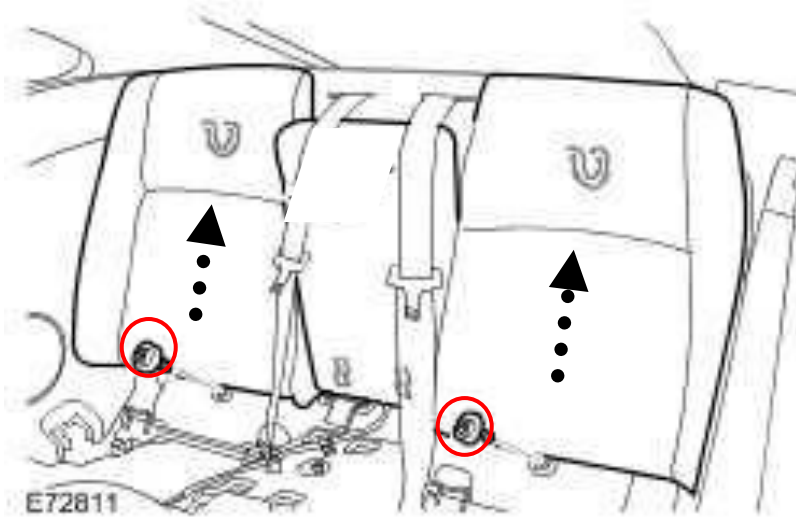
Step 2a: Pull the cushioned cover between the rear seat forward from the top. Then lift it up and out from between the rear shoulder belts, exposing the fuse box behind. Set the center cover aside.



Step 2b: Skip to step 2c unless you have a factory wind deflector installed in your vehicle. If you have a factory wind deflector installed, remove the 10 mm nut and bolt for each of the two wind deflector brackets between the rear seats as shown in the two photos below.

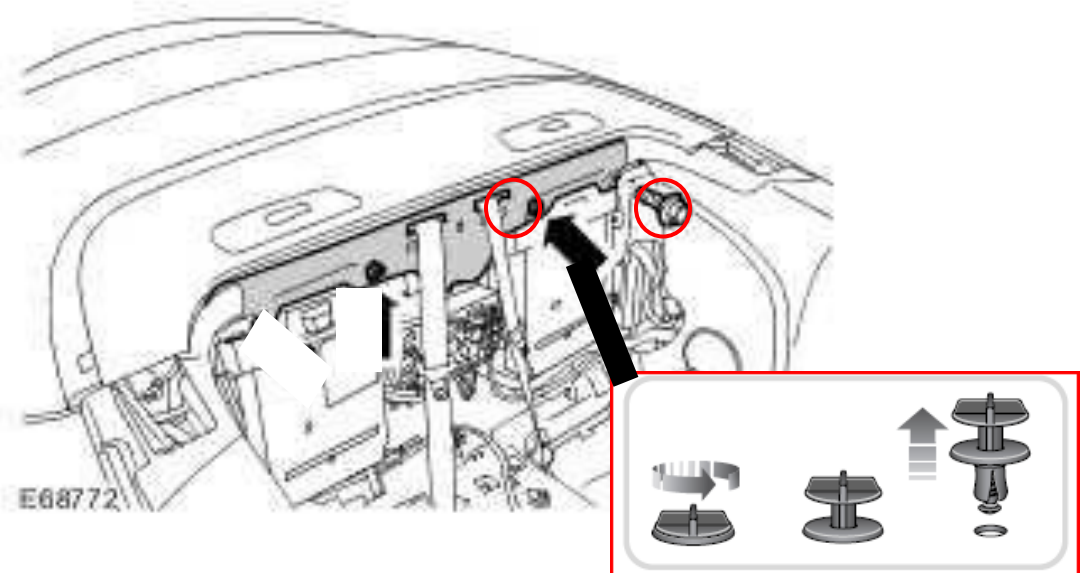


Step 2c: Release the seat backs by first removing the two T30 torx screws at the bottom of each seat back. Then lift the seat back assembly directly upwards until it disengages from the hooks behind the seat.

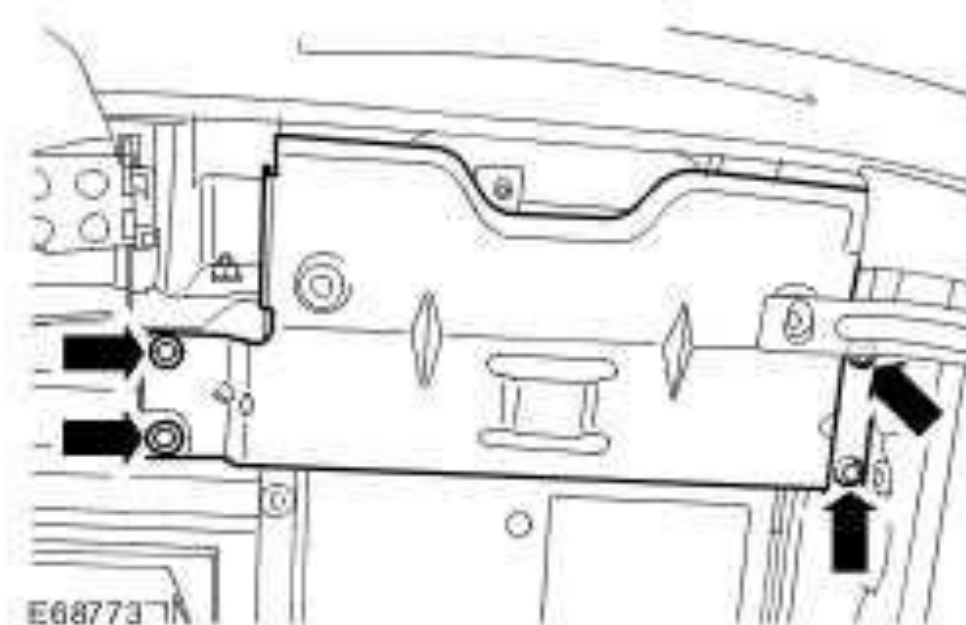


Once it is released, slide the seat back assembly past the rear shoulder belts and out of the car through the door and set it aside. Take care not to scratch the paintwork when removing the rear seatback assembly.

Step 3: Remove two fasteners on the left side of the car (US drivers side, UK passenger side) over the upper upholstered trim cover (shaded below) by removing the left side T30 screw and the left side plastic twist-and-pull fastener. Removal directions for the plastic twist and pull fastener is shown in the inset below.



Step 4: Remove the black metal cover behind the left rear seatback of the car (US drivers size, UK passenger side) by removing the two 10 mm screws and two 10 mm nuts. (**Note:** If you have a factory wind deflector installed, the nut and bolt nearest the fuse box on each side was already removed in step 2b). Lift it out from the side nearest the central fuse-box first and slide it out from under the upholstered trim cover. You may need to gently lift the upholstered trim cover *slightly* to remove the metal cover. Set the black metal cover aside.

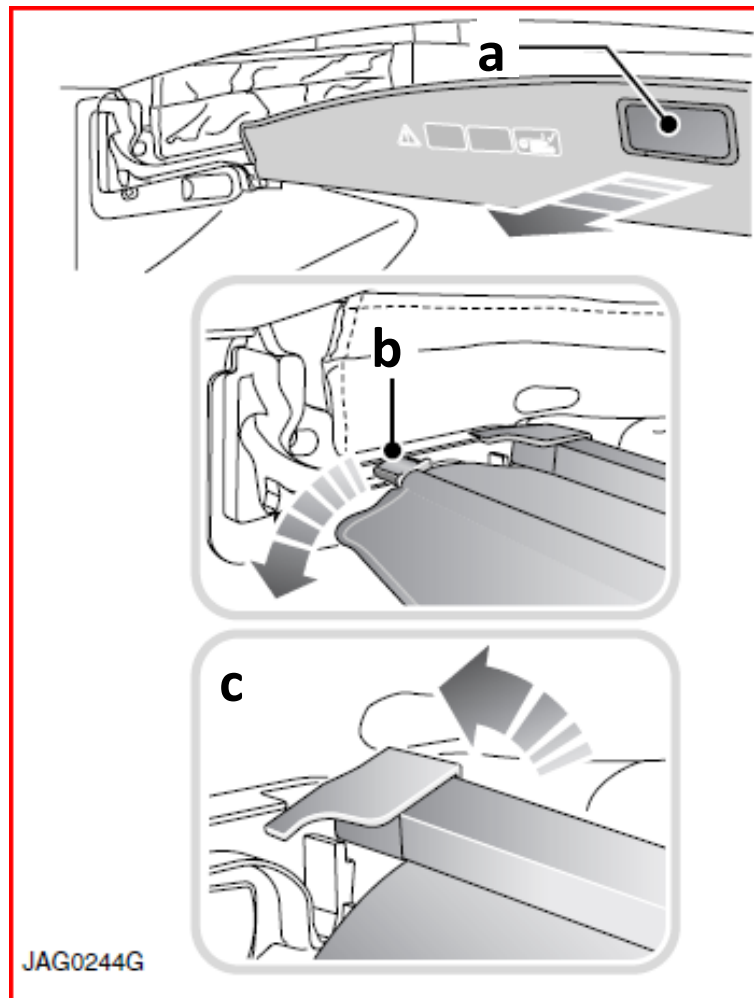


Part II - Disconnecting the battery. Prior to installation, the vehicle battery must be disconnected with the top up in order to prevent possible personal injury from the active vehicle safety systems, vehicle damage while handling wires and battery drain while working with the door open. Follow steps 5 through 9. ***Do not skip this section.***

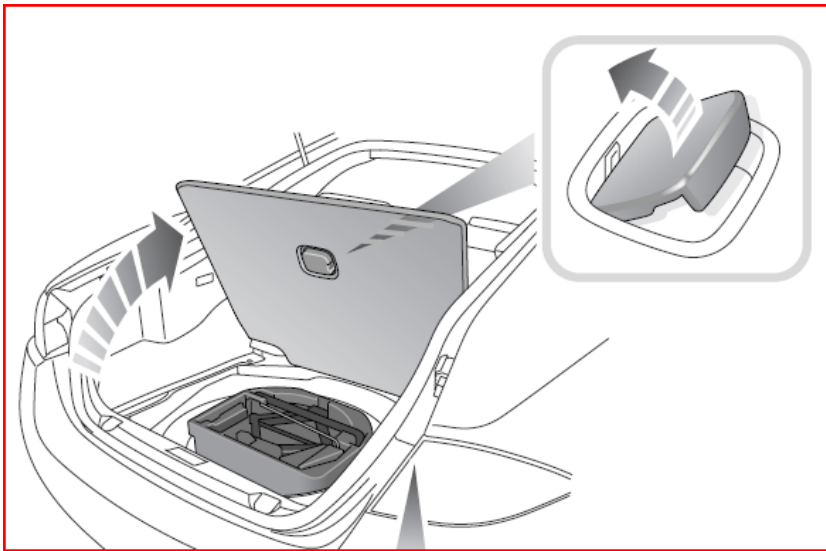
Step 5: Raise (close) the top. Adjust both front seats fully forward to provide room to work comfortably in the rear seat area. Then turn off the car. Unlock the car in order to disable the alarm system. Turn the headlights to the OFF position.

Step 6: Open the trunk (boot). Retract the window-blind-like luggage separator from the upper part of the trunk (boot), then remove it from the vehicle and set it aside.

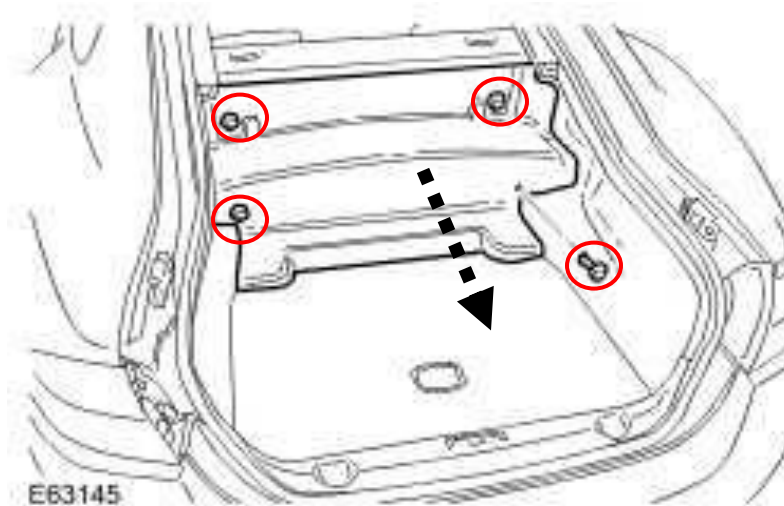
In order to remove the luggage separator, pull the handle towards you, **a (in Figure below)** and disengage the lugs from the sliders **b (in Figure below)**. Holding the centre of the main body of the luggage separator, rotate upwards **c (in Figure below)**, disengaging the main body of the luggage separator from the support brackets. Remove the luggage separator and retract the withdrawn partition section of the luggage separator into the main body.



Step 7a: Lift out and remove the floor panel over the spare tire using the handle as shown below.



Step 7b: Remove the four round plastic knobs at each corner of the vertical panel facing you at the rear of the trunk (boot) compartment. Remove these by unscrewing counterclockwise. The vertical panel will now come free and pull out. Remove it and set it aside. This will reveal the battery directly in front of you on the left.

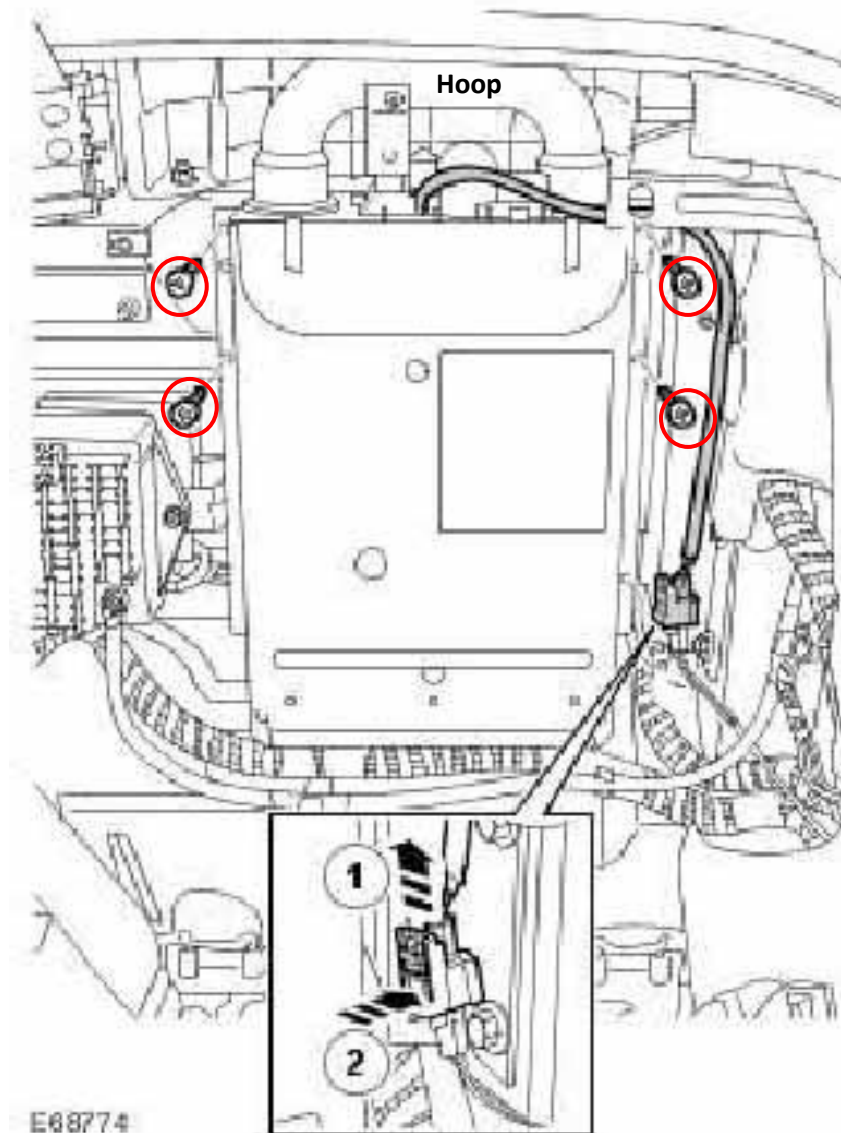


Step 8 : Loosen the **negative (black)** battery terminal in the left rear of the trunk (boot) with a ratchet wrench and 10 mm socket or a 10 mm open-end wrench and lift the negative clamp off of the battery terminal. Push it away from the terminal so it does not accidentally contact the terminal. Leave the trunk open while the battery is disconnected.

Step 9: Unplug the Rollover Protection Device (silver box with hoop on the top) on the left side of the car (US drivers size, UK passenger side) as shown in the inset below by first sliding the connector lock upwards (**1 in Figure inset**) and depressing the tab that was under the lock (**2 in Figure inset**) and separating the connector sections. Note that the connector may be on the left or right of the rollover protection device depending on specific model.

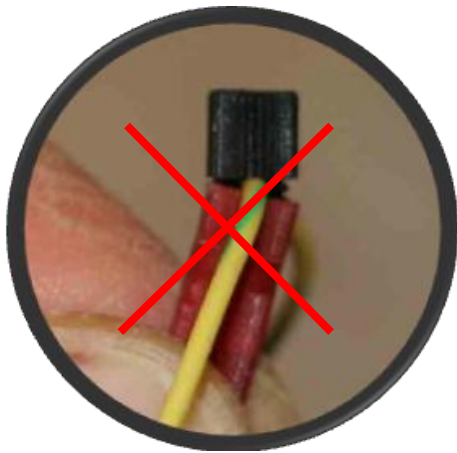
Then remove the four T40 Torx bolts on the upper portion of the rollover protection device as shown below and remove the Rollover protection Device. There are no sensors in the device, so it need not remain upright. Do not remove any other screws from the Rollover Protection Device.

In order to avoid the risk of bodily harm, treat the Rollover Protection Device with caution and common sense, as you would when handling an airbag. Do not drop it. Do not tamper with it. Do not disassemble it. Carry it with the hoop pointed away from your body. Keep it away from children.



Part III- Making initial connections. Steps 10-18 will guide you through completing the majority of the wiring connections. Connections will be made by matching the colors of the wires in the Remote Top kit cable to the colors of the wires on specific vehicle wiring harnesses.

Step 10a: Refer to the Posi-tap™ installation instructions at <http://www.posi-lock.com/instructions1.html>. Be particularly careful to put the Posi-Tap caps on squarely. If they are not put on squarely, they may not make contact with the wire, and the smaller Posi-Taps in particular might be damaged. The damage would be a bent or broken contact pin. Discard a damaged Posi-Tap and use the spare provided in the kit). See the incorrect and correct illustrations below:



WRONG

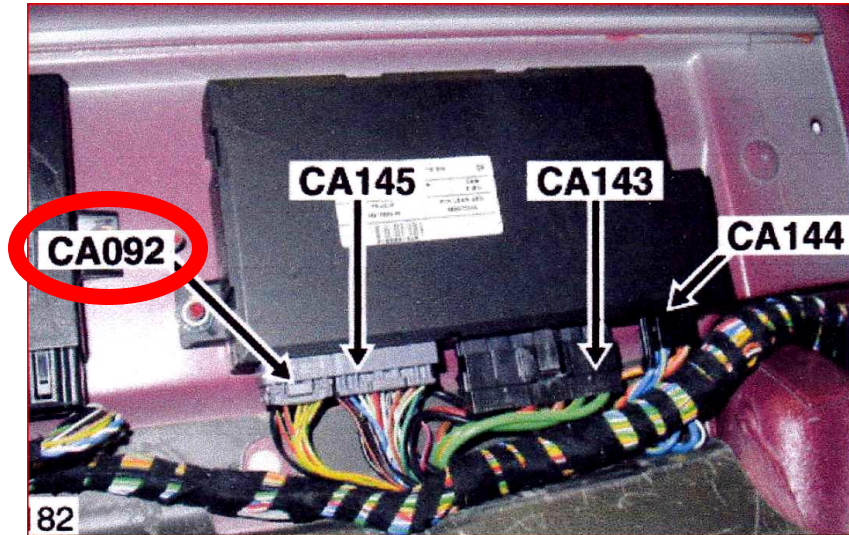


RIGHT

If a Posi-Tap is accidentally not put on squarely, check the internal pin for breakage or bending prior to reuse.

Note that it will be easier to screw the Posi-tap™ on squarely if the wire is full inserted to the bottom of the slot in the cap. A small flat blade screwdriver can assist to more easily push the wire into the slot.

Step 10b: Note the factory convertible top module (shown below) that was behind the Rollover Protection Device. Note the four connectors labeled below: **CA092**, **CA145**, **CA143** and **CA144**.

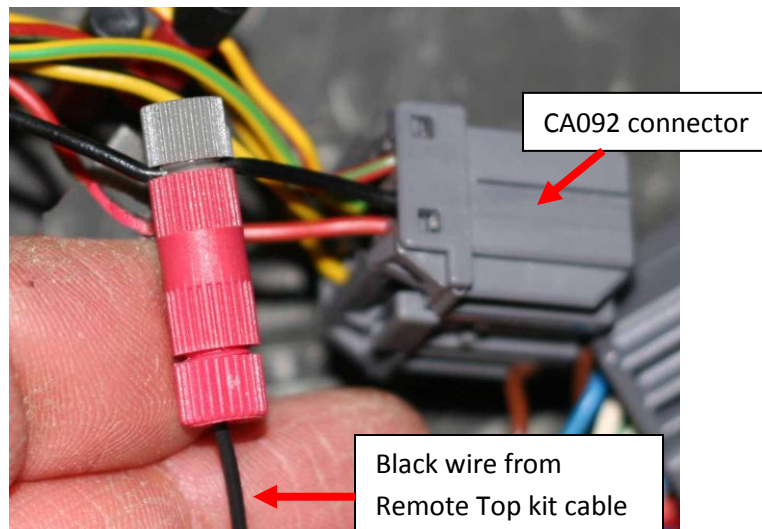


Begin with the wires connected to connector **CA092** on the left in the above diagram. For easier access, unplug the connector by depressing the tab and pulling down. Locate the **BLACK** wire, **pin 6**, in CA092.

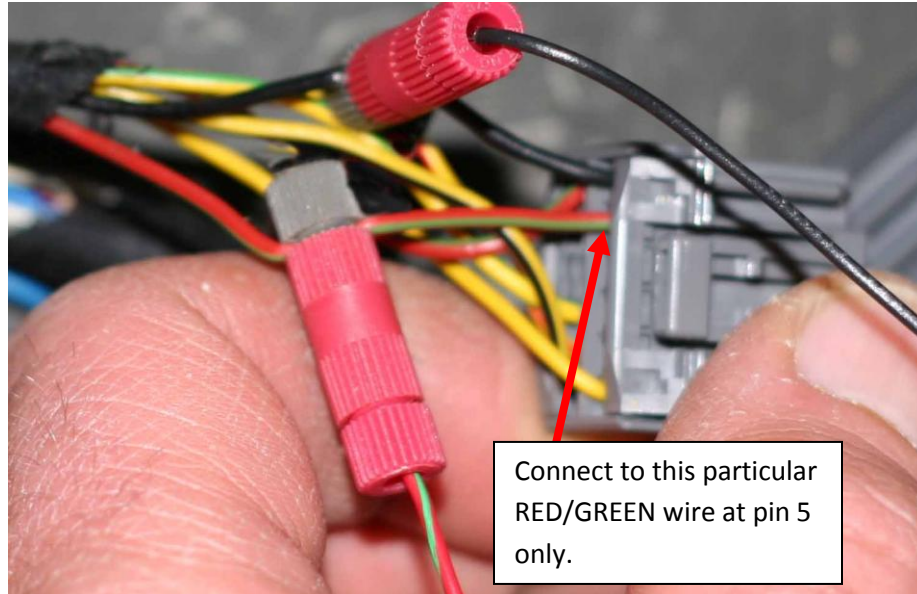
Note that corner pin numbers are embossed on the *sides* of the CA092 connector body for reference (circled in red in the photo on the right), if needed to confirm wire identification. You may need a magnifier to see them.



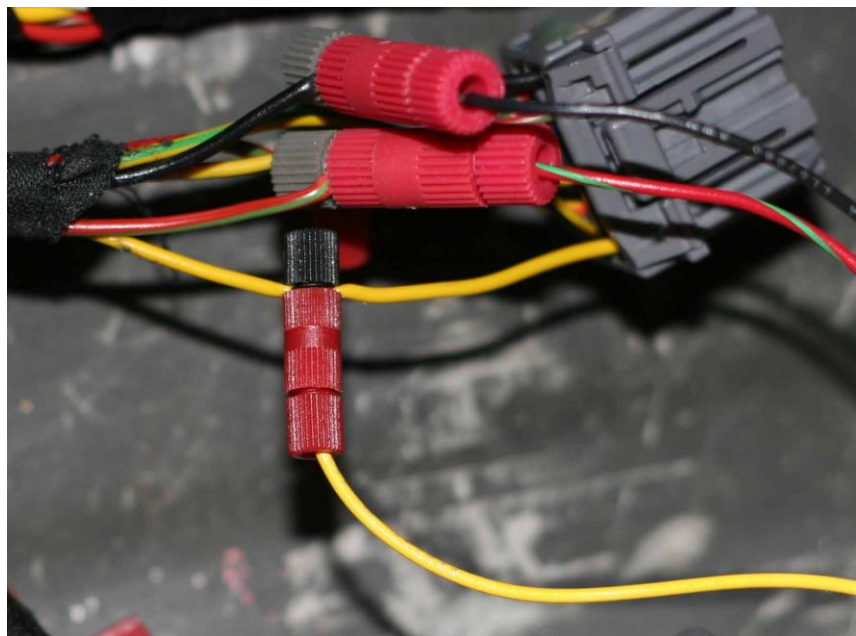
Starting about **1" (25 mm)** back from the connector, tap the **BLACK** wire with a **Red/Gray** Posi-Tap. Then connect the matching **BLACK** wire from the Remote Top kit cable to the tapped connection.



Step 11: Locate the **RED/GREEN** wire, **pin 5**, in connector CA092. (**Important: DO NOT** connect to the other **RED/GREEN** wire at pin 12). Starting about **1" (25 mm)** back from the connector, tap the **RED/GREEN** wire with a **Red/Gray** Posi-Tap. Then connect the **RED/GREEN** wire from the Remote Top kit cable to the tapped connection.

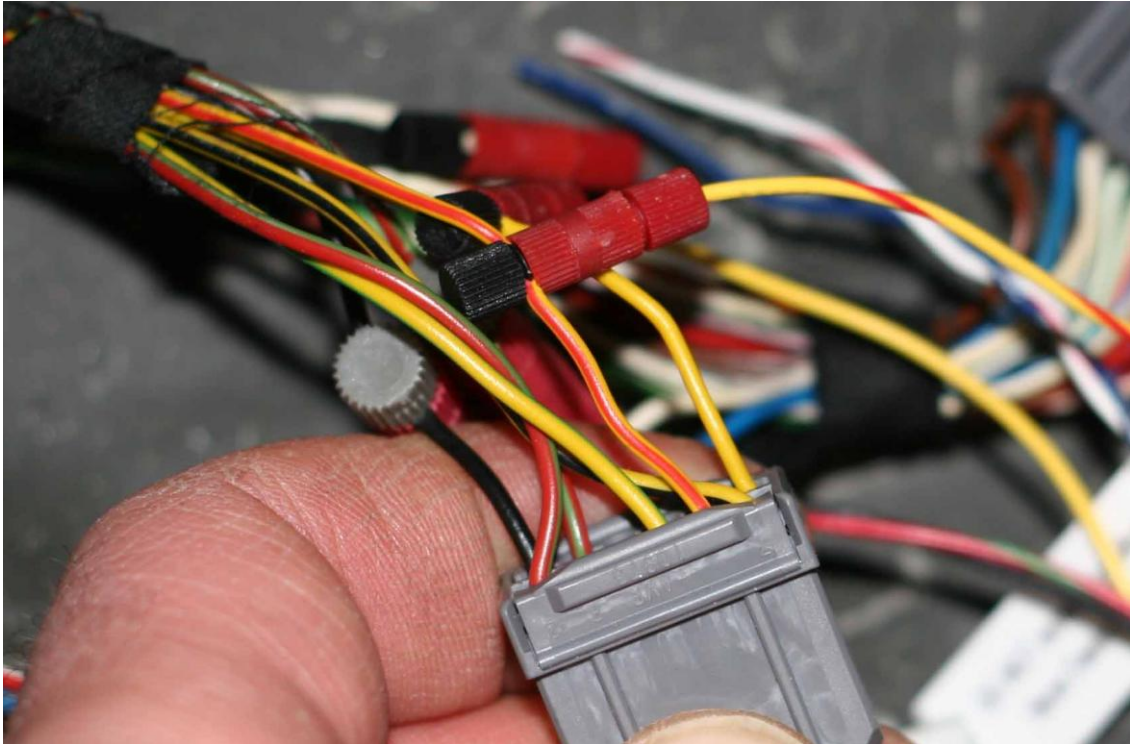


Step 12: On Connector CA92, locate the **YELLOW** wire, **pin 1**. Starting about **1" (25mm)** back from the connector, tap the **YELLOW** wire with the **small solid Red or Red/Black** Posi-Tap. Then connect the **YELLOW** wire (with no stripe) from the Remote Top kit cable to the tapped connection.

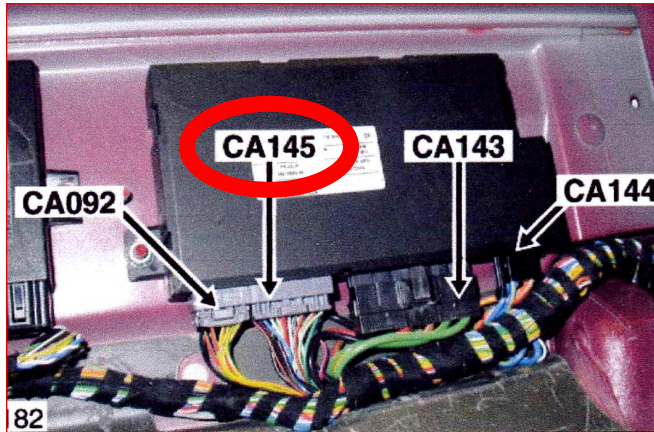


Step 13: On Connector CA092, locate the **YELLOW/RED** wire, **pin 8**. Starting about **1" (25 mm)** back from the connector, tap the **YELLOW/RED** wire with the **small solid Red or Red/Black** Posi-Tap. Then connect the **YELLOW/RED** wire from the Remote Top kit cable to the tapped connection.

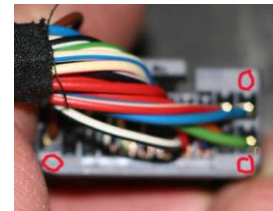
If CA092 was unplugged, plug it back in until fully seated now.



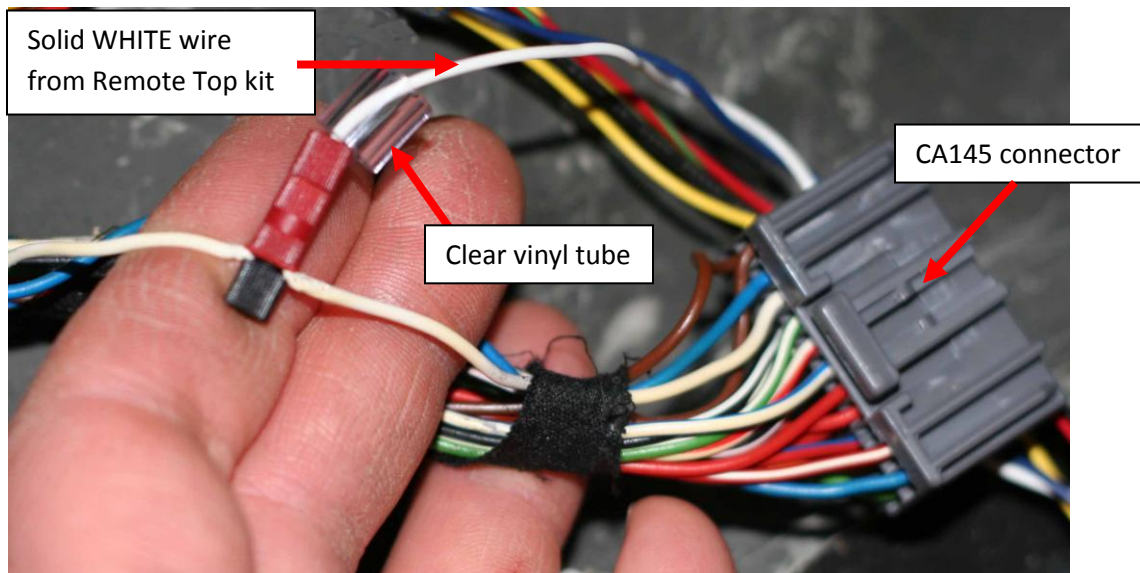
Step 14: Now move to connector **CA145**, the second connector from the left. For easier access, unplug the connector by depressing the tab and pulling down. On Connector CA145, locate the **solid WHITE** wire, **pin 9**. **DO NOT** connect to any of the striped white wires.



Note that corner pin numbers are embossed on the *back* of the CA145 connector body for reference (circled in red in the photo on the right), if needed to confirm wire identification. You may need a magnifier to see them.



Starting at **1.5" (38 mm)** back from the connector, tap the **WHITE** wire with the **small solid Red or Red/Black** Posi-Tap. Slide a clear vinyl insulation tube over the **WHITE** wire (with no colored stripe) from the Remote Top kit cable. Leave the insulation tube loose on the wire for now, it will be used later. Then connect the **WHITE** wire (with no colored stripe) from the Remote Top kit cable to the tapped connection.

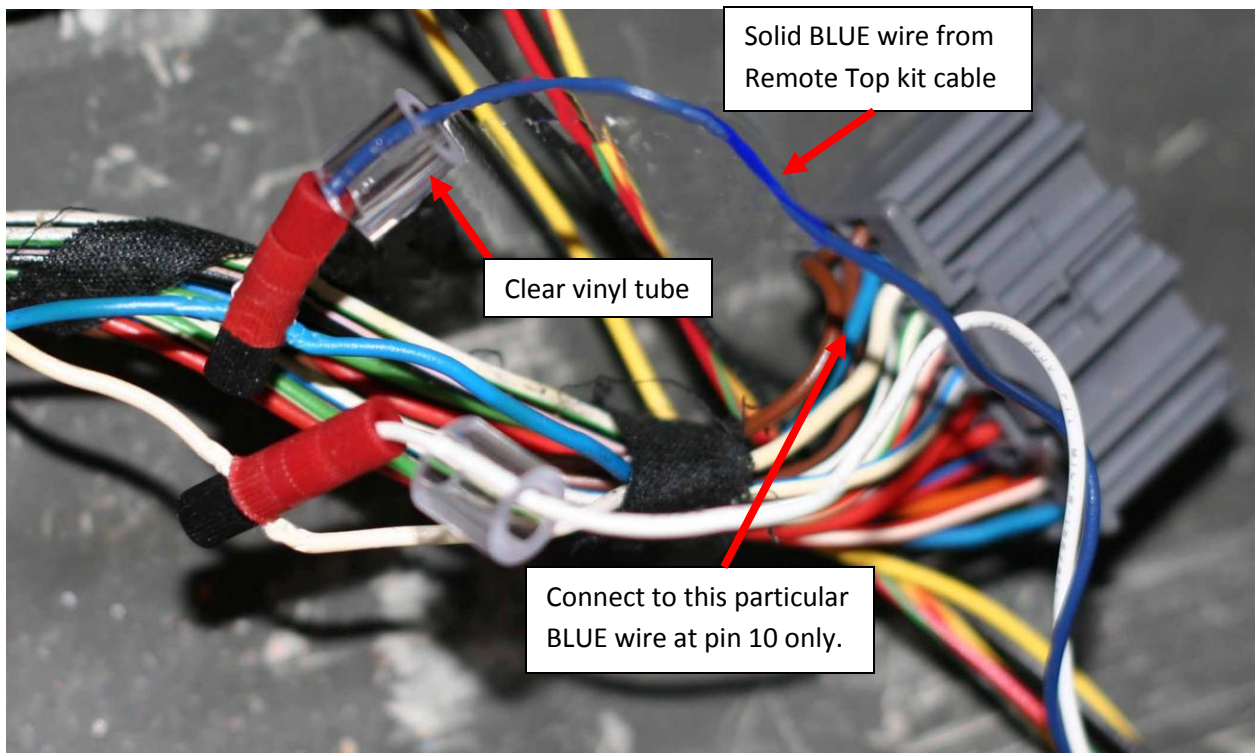


Step 15: On connector CA145, locate the **BLUE** wire, **pin 10**, adjacent to the **WHITE** wire from the step above. (**Important: DO NOT** connect to the other **BLUE** wire at pin 1).

Starting at **1.5" (38 mm)** back from the connector, tap the **BLUE** wire with the **small solid Red or Red/Black** Posi-Tap.

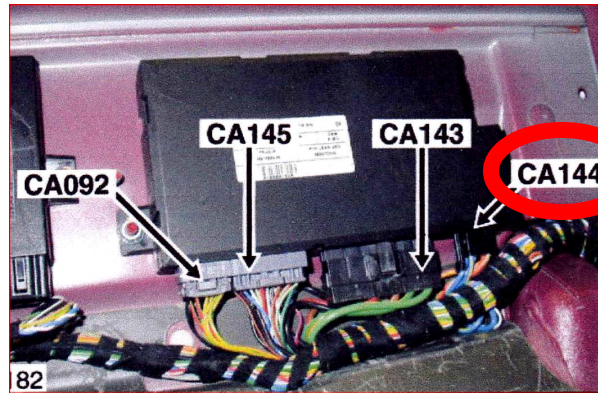
Slide a clear vinyl insulation tube over the **BLUE** wire (with no stripe) from the Remote Top kit cable. Leave the clear vinyl insulation tube loose on the wire for now; it will be used later. Then connect the **BLUE** wire (with no stripe) from the Remote Top kit cable to the tapped connection.

If CA145 was unplugged, plug it back in until fully seated now.

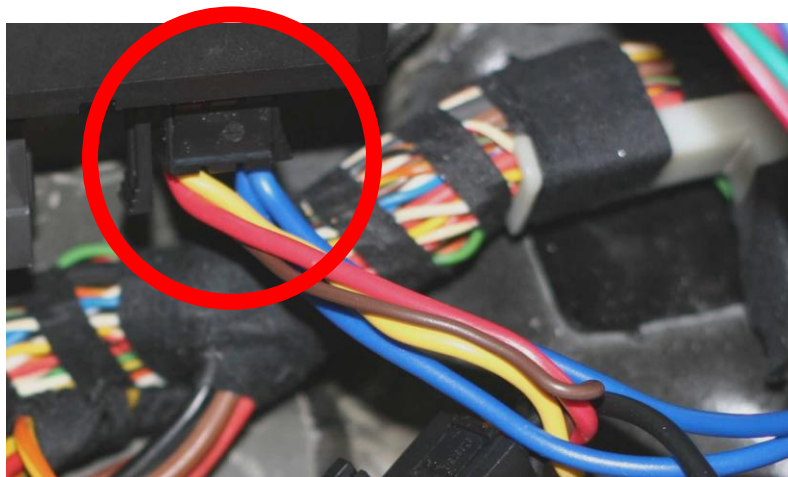


Step 16: SKIP now to Step 19 if you have not purchased the Rear Window Control Option.

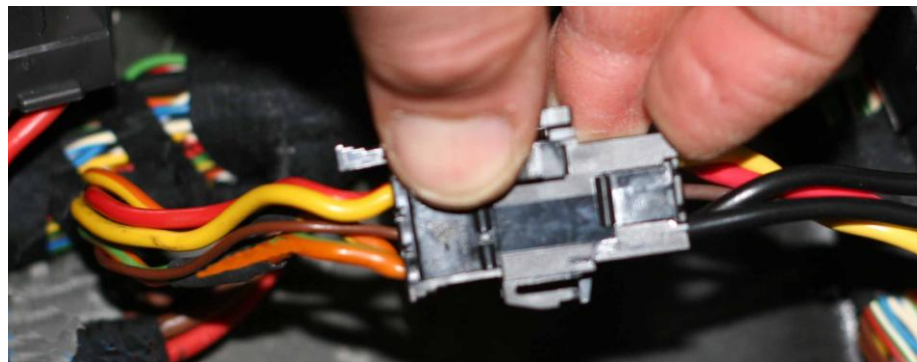
Unplug the rightmost connector, **CA144** by depressing the tab and pulling down.



Plug the wiring harness connector from the remote top kit rear window option into CA144 in the vehicle's convertible control module at the CA144 position.

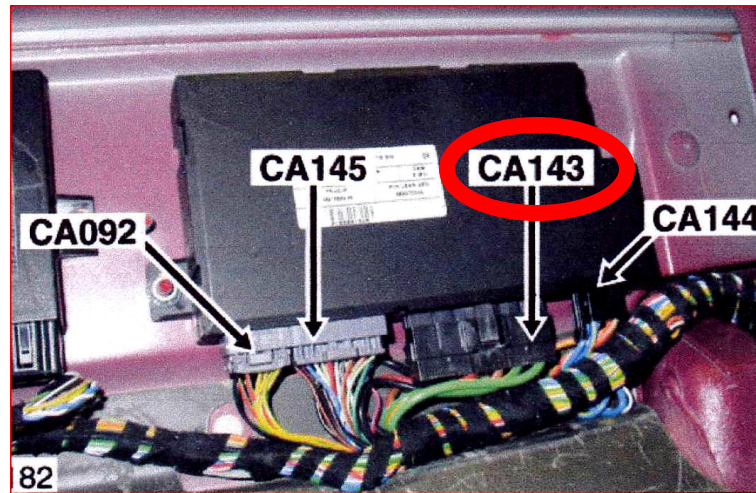


Then plug the vehicle wiring harness from CA144 into the receptacle from the remote top kit rear window option wiring harness.

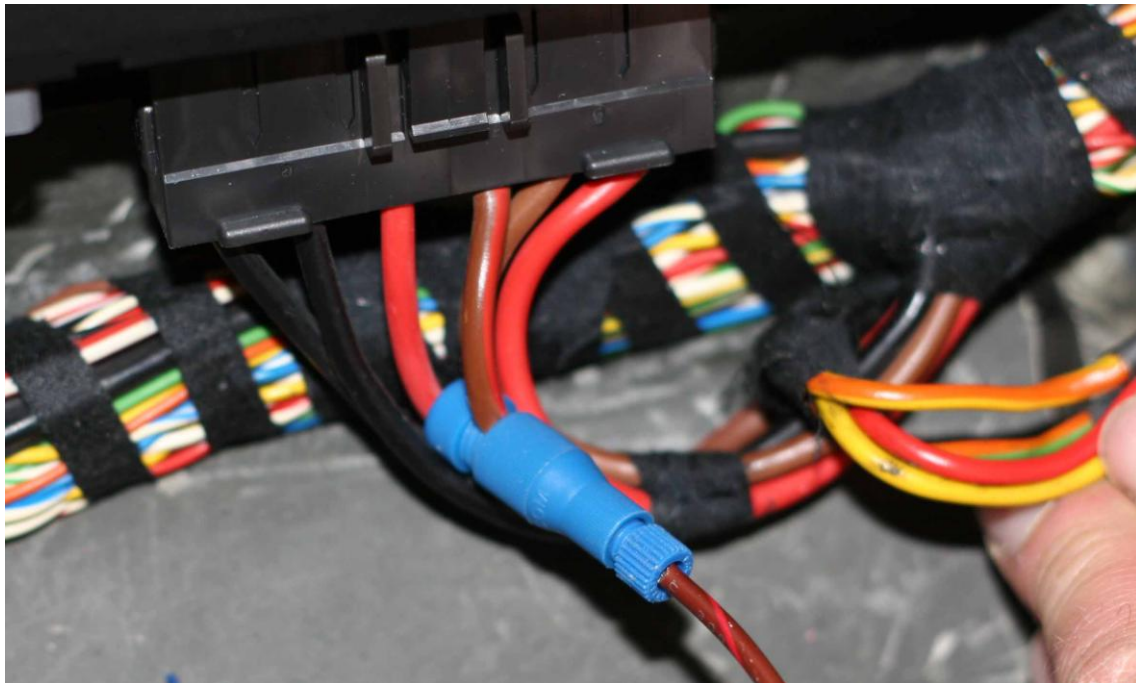


Make sure that the plugs engage fully and latch with a distinct click.

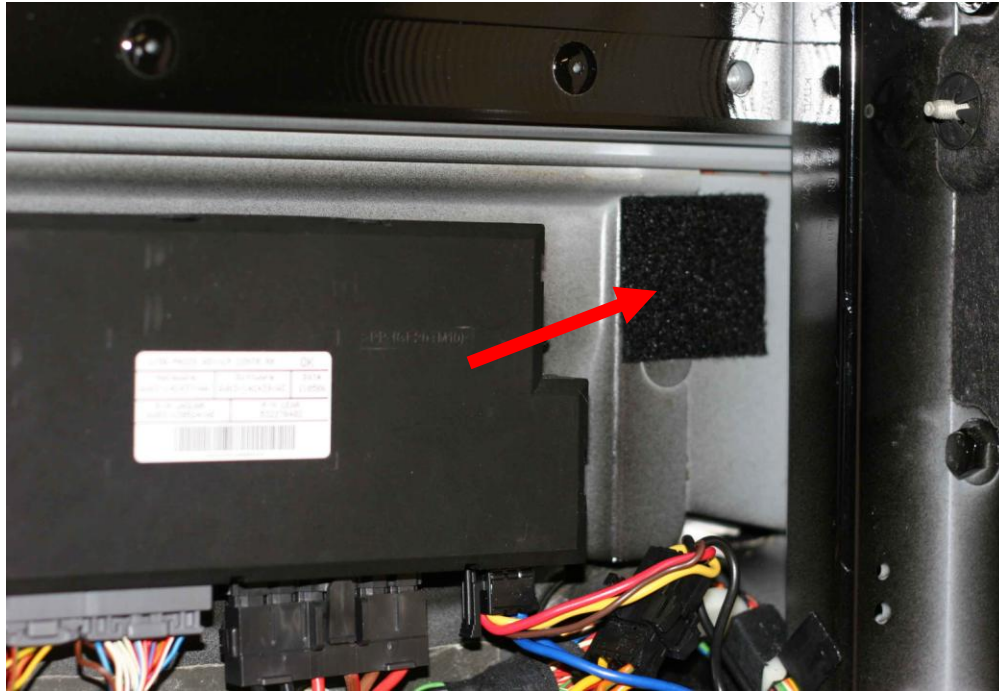
Step 17: Now move to connector **CA143**, third from left with the thick wires.



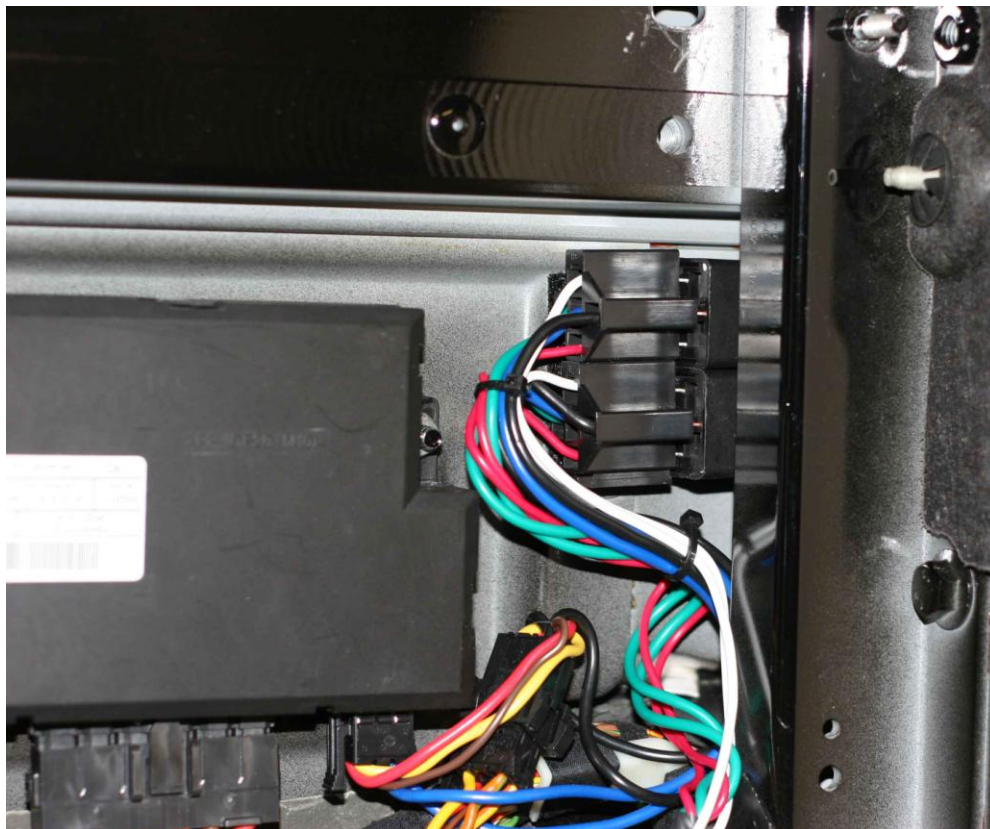
On connector CA143, locate the **BROWN/RED** wire, **pin 3**. Starting about **1" (25 mm)** back from the connector, tap the **BROWN/RED** wire with the **large Blue Posi-Tap**. Then connect the **BROWN/RED** wire from the Remote Top Rear Window Option harness to the tapped connection.



Step 18: Apply a 2" x 2" (50mm x 50mm) Velcro patch (fuzzy side) on the ledge to the right of the factory top control module as shown below.



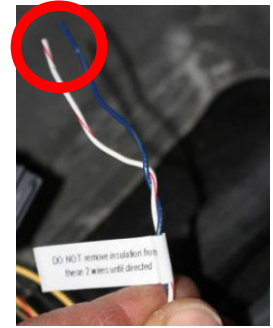
Then fasten the relay assembly on the Velcro patch as shown below:



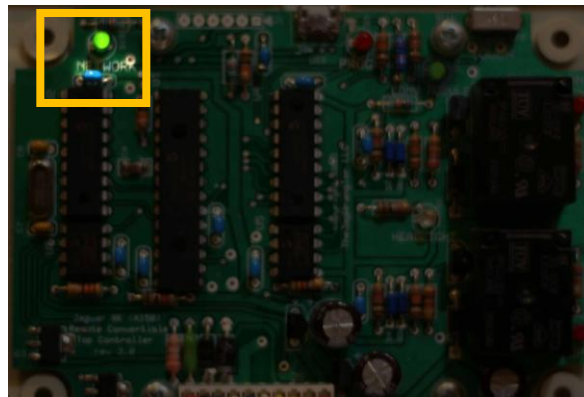
Part IV - Preliminary testing.


Step 19: Reconnect the battery negative cable temporarily, in order to run some tests described below, but do not reassemble the car yet. Be sure to shut the trunk (boot) lid. Do not start the car or turn on the ignition. Note that these preliminary tests will not operate the convertible top.

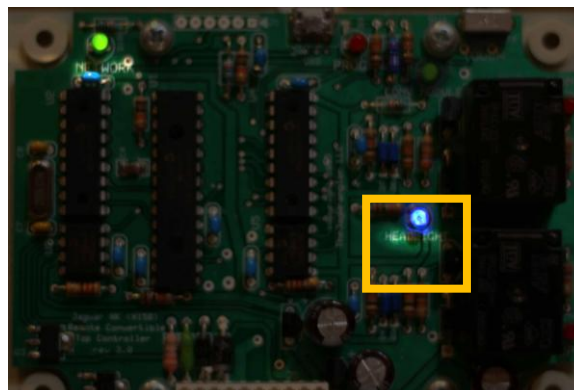
Also note that the two wires in the Remote Top cable in the photo on the right will remain unconnected for these preliminary tests. Leave the insulation in place on the ends of the wires.





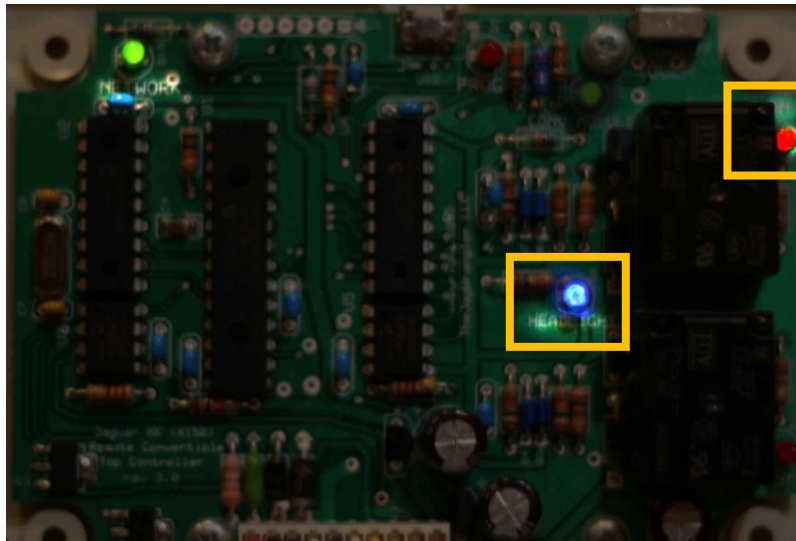
Step 20a: Observe the Remote Top Module as shown below. The **GREEN** LED labeled **'NETWORK'** shown below should indicate very rapid flashing. If it is not flashing, then open and shut the car door and it should then flash for a few seconds to a few minutes.. If it is still not flashing, then recheck the **BLACK, RED/GREEN, BLUE** and **WHITE** wire connections. (Ignore the other green LED in this step.)





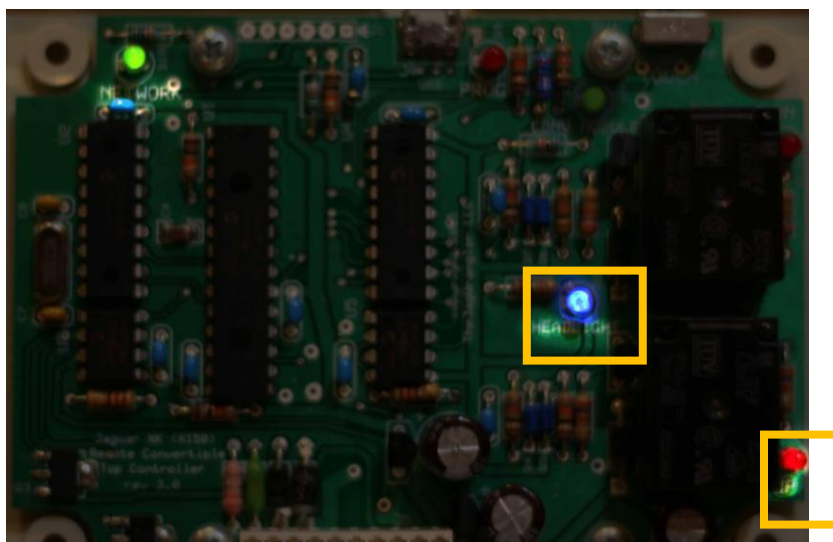
Step 20b: Depress the 'Headlight' button  once on the SmartKey fob. The **BLUE** LED labeled **'HEADLIGHT'** shown below should go on. It should extinguish in about 25 seconds. If the **BLUE** light does not go on, recheck the **BLUE** and **WHITE** wire connections. If it still does not go on, unplug the fuse 'F8' (beige, marked '5') from between the rear seats and then plug it back in and try again.



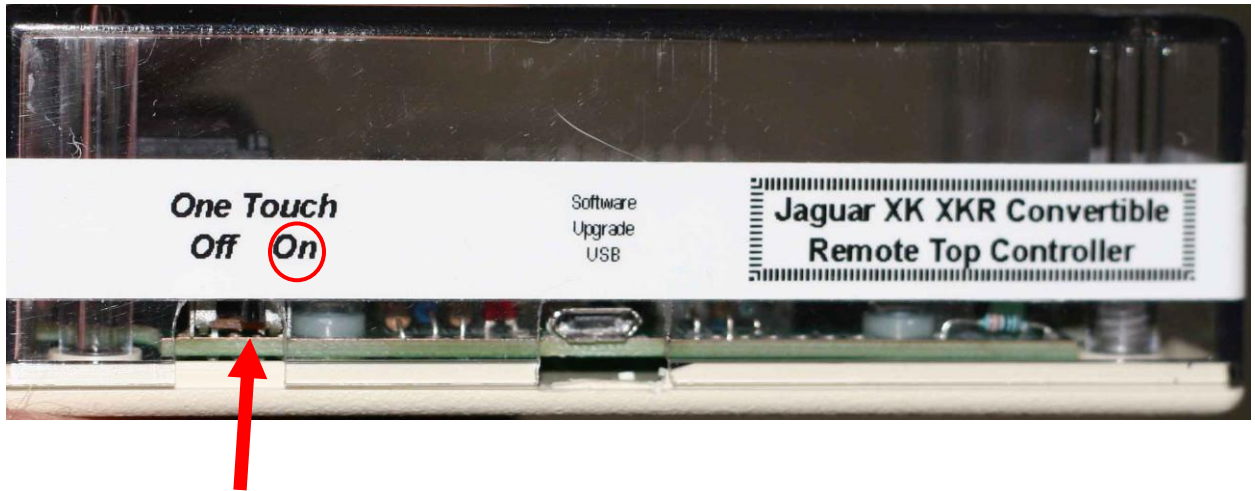
Step 21a: Depress the 'Headlight' button  once, immediately followed by the 'Unlock' button  on the SmartKey fob. The **BLUE** LED labeled '**HEADLIGHT**' shown below should go on for about 25 seconds and the **RED** LED labeled '**DN**' should go on for about 40 seconds. Contact support at whitexkr@comcast.net if the previous tests passed and this step fails.



Step 21b: Wait for the red light in the previous test to go out. Depress the 'Headlight' button  once, immediately followed by the 'Lock' button  on the Smartkey fob. The **BLUE** LED labeled '**HEADLIGHT**' shown below should go on for about 25 seconds and the **RED** LED labeled '**UP**' should go on for about 40 seconds. Contact support at whitexkr@comcast.net if the previous tests passed and this step fails.



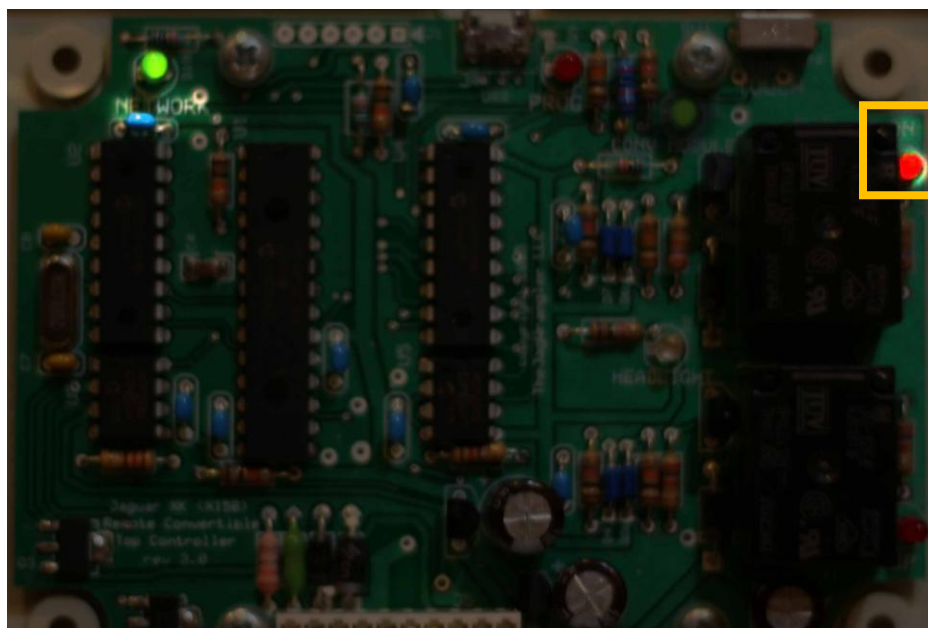
Step 22a: Make sure that the 'ONE TOUCH' switch on the remote top module is in the 'ON' position.



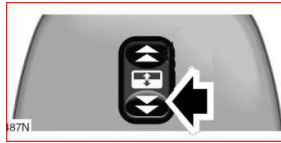
Press and hold the Convertible top '**OPEN**' button on the roof console for about 1 second:



The **RED** LED labeled '**DN**' should go on for about 40 seconds. If the **RED** LED does not go on, recheck the **YELLOW/RED** wire connection.



Step 22b: Press and hold the Convertible top 'CLOSE' button on the roof console for about 1 second.



The **RED** LED labeled '**UP**' should go on for about 40 seconds. If the **RED** LED does not go on, recheck the **YELLOW** wire connection.



Step 23: **SKIP now to Step 24 if you have not purchased the Rear Window Control Option.**

Shut the driver door and then reopen it. Immediately operate the **PASSENGER** window **DOWN** button on the driver's door with 3 presses, one second apart. The rear quarter windows should now **LOWER**. (Note that the passenger window switch is the right-hand button on left-hand drive cars and the left-hand button on right-hand drive cars.)



If the rear quarter windows do not operate, recheck the **BROWN/RED** wire connection and the connection at CA144.

Shut the driver door and then reopen it. Immediately operate the **PASSENGER** window **UP** button on the driver's door with 3 pulls, one second apart. The rear quarter windows should now **RAISE**.



Part V- Final wiring and testing.

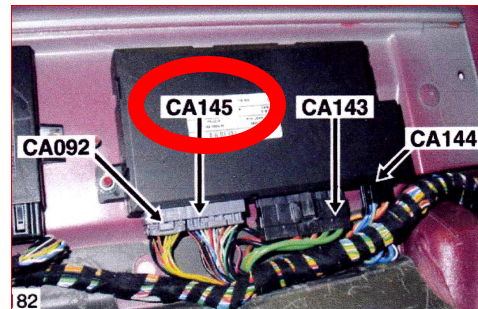
Step 24: Disconnect the **battery negative terminal (black)** again.

If all tests have passed up to this point continue with **Step 25**.

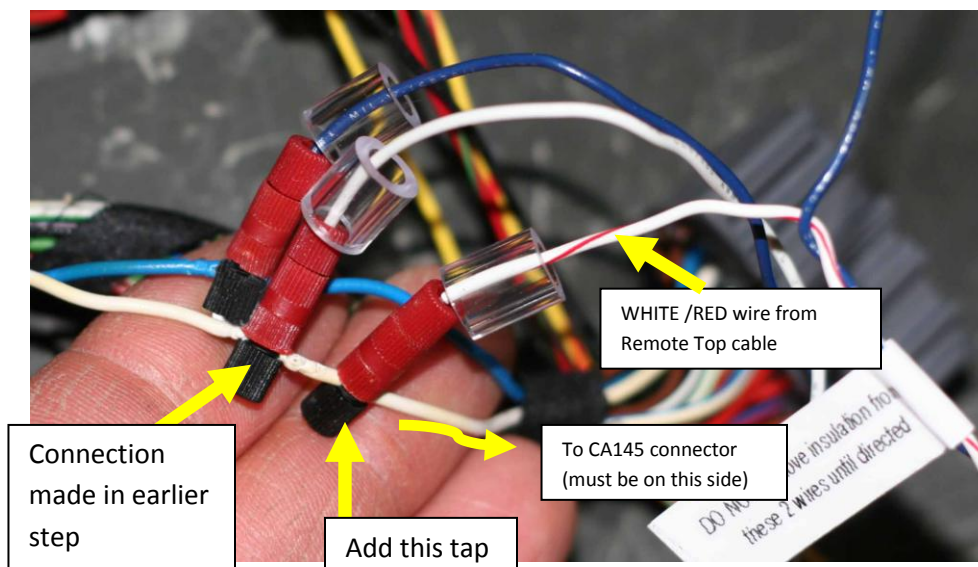
If all tests have not passed at this point **STOP INSTALLATION**
and email whitexkr@comcast.net for support.

Step 25: Pull off the pre-cut insulation from the **WHITE/RED** wire end of the Remote Top cable.

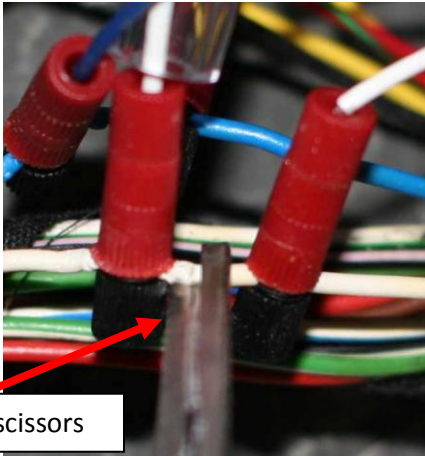
Now return to connector **CA145**, second from the left.



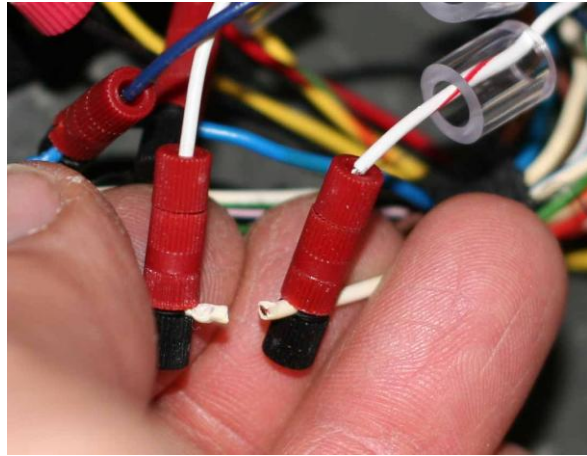
On Connector CA145, using a **small solid Red or Red/Black** Posi-tap, make a second tap at **1.25" (32 mm)** back from the connector (**Important: on side closer to the connector**), on the **WHITE** wire, **pin 9**. This tap and the previous tap should be about 1/4" (6 mm) apart. Slide a clear vinyl insulation tube over the **WHITE/RED** wire from the Remote Top harness. Then connect the **WHITE/RED** wire from the Remote Top kit cable to the second tapped connection.



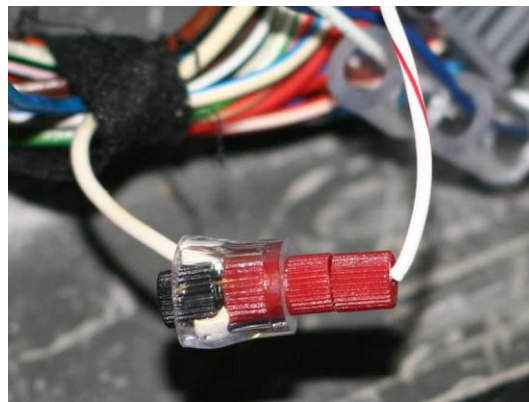
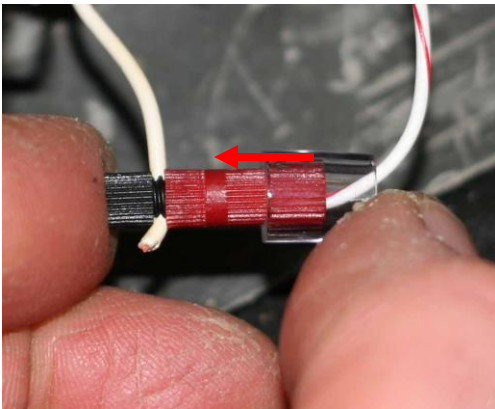
Using scissors cut the **WHITE** wire from the vehicle harness evenly between the two Posi-Taps.



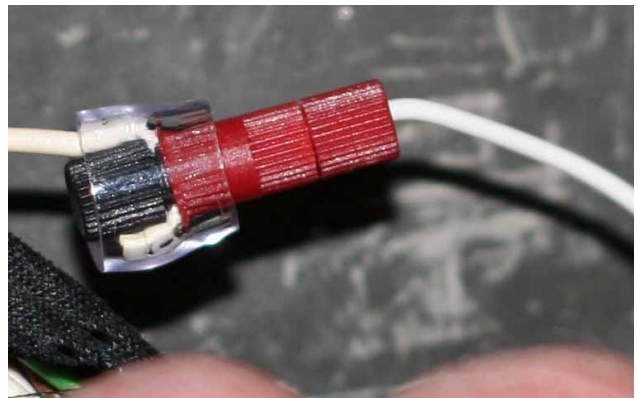
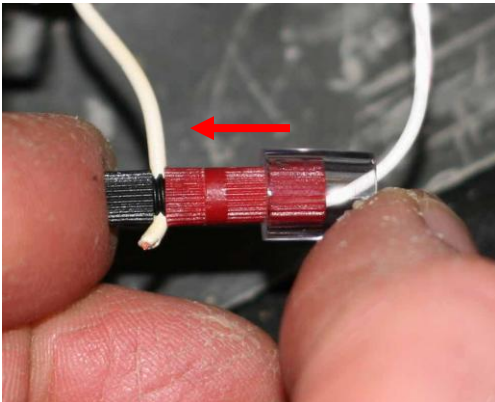
Cut with scissors



Then slide the insulating tubes over the cut ends of the both **WHITE/RED**



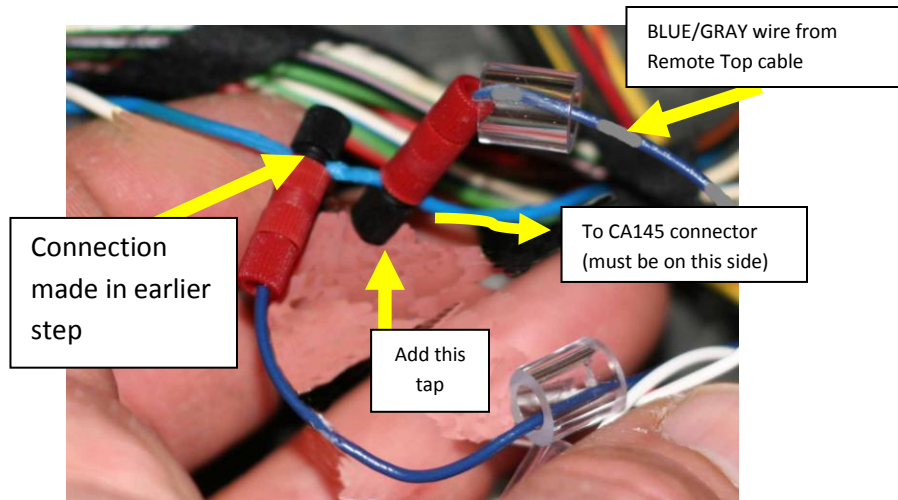
and solid **WHITE** tapped connections so that the cut ends are covered.



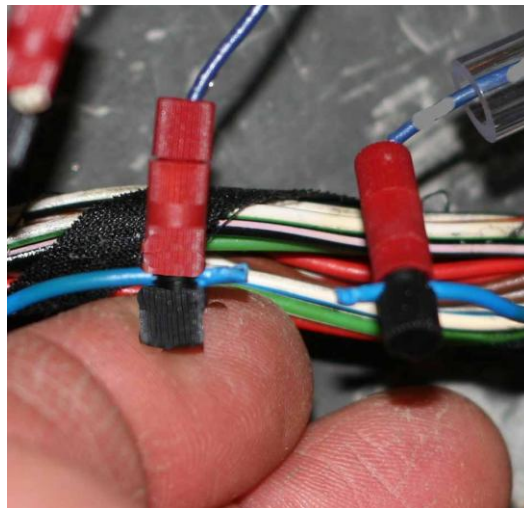
Use a handheld hair dryer to warm the clear insulating tubes, if necessary to make them easier to slide on.

Step 26: Pull off the pre-cut insulation from the **BLUE /GRAY** wire end of the Remote Top harness.

Again on connector **CA145**, using this **small solid Red or Red/Black** Posi-Tap, make a second tap at 1.25" (32 mm) back from the connector (Important: on side closer to the connector), on the **BLUE** wire, **pin 10**. This tap and the previous tap should be about 1/4" (6 mm apart). Slide a clear vinyl insulation tube over the **BLUE /GRAY** wire from the Remote Top harness. Then connect the **BLUE /GRAY** wire from the Remote Top kit cable to the second tapped connection.



Using scissors **cut the BLUE** wire from the vehicle harness evenly between the two Posi-Taps.

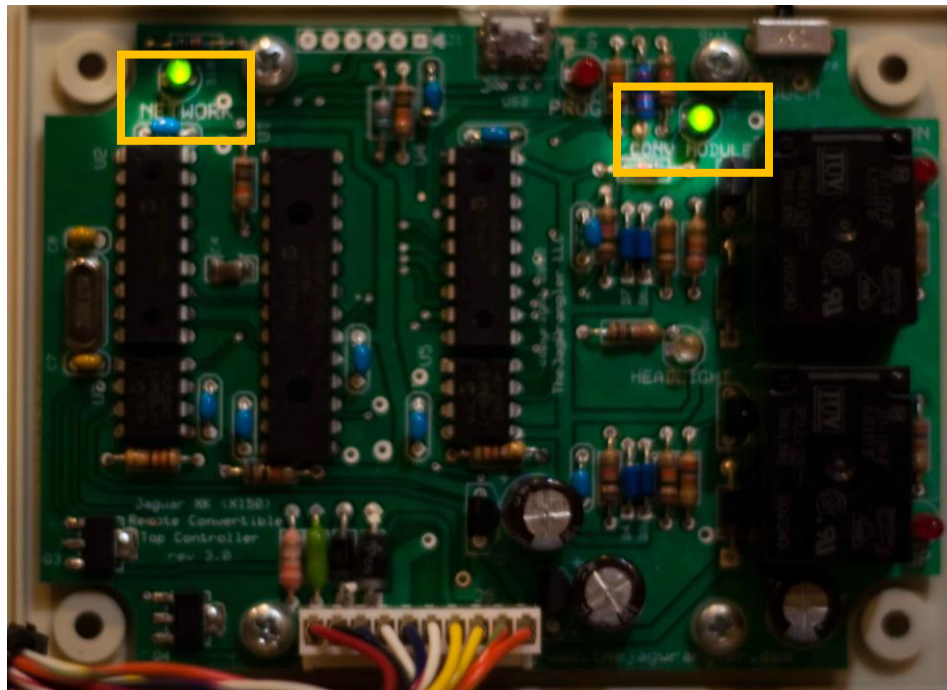


Similar to as was done in **Step 25**, slide the clear insulating tubes over the cut ends of the **BLUE** and **BLUE /GRAY** tapped connections so that the cut ends are covered. Use a handheld hair dryer to warm the clear insulating tubes if necessary to make them easier to slide on.

If CA145 was unplugged, plug it back in until fully seated now.

Step 27: Reconnect the battery **negative terminal (black)** tightening the bolt to 5 Nm.

Step 28: Observe the Remote Top Module as shown below. The **GREEN** LEDs labeled **'NETWORK' AND** now also the **GREEN** LED labeled **CONV. MODULE** shown below should **BOTH** indicate very rapid flashing. If the LEDs are not flashing, then open and shut the car door and they should then flash for a few seconds to a few minutes.. If they **BOTH** are still not flashing re-check the **BLUE /GRAY** and **WHITE/RED** wire connections. If they **BOTH** are still not flashing, unplug the fuse 'F8' (beige, marked '5') from between the rear seats and then plug it back in and try again..

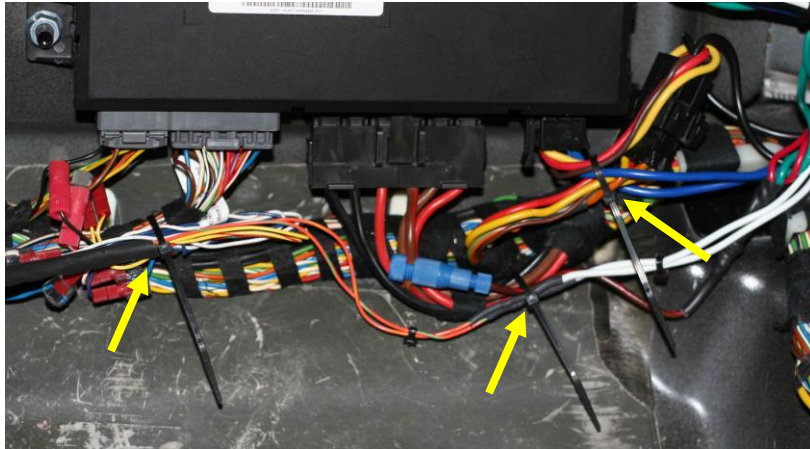


If all tests have passed up to this point continue with **Step 29**.

If all tests have not passed at this point **STOP INSTALLATION**
and email whitexkr@comcast.net for support.

Step 29: Disconnect the **battery negative (black)** terminal again.

Step 30: Tie the new harness to the existing harness with wire ties. Fold Posi-Taps flat against the chassis so they do not protrude. Trim the tails off the wire ties.



Apply the fuzzy 2" x 2" (50 mm x 50 mm) Velcro patch to the upper right corner of the fuse-box as shown. Apply the hook side of the 2" x 2" (50 mm x 50 mm) Velcro patch to the bottom of Remote Top module as shown.



Attach the Remote Top module above the fuse panel with Velcro so it abuts the back wall and aligns with the small module to the left. The cable should be at the rear of the module.



Step 31: Reinstall the Rollover Protection Device by sliding it under the upholstered covered trim, top (hoop) first. Note that there are guide pins, circled in red, at the rear of the Rollover Protection Device which must properly align it with the holes, circled in red, in the chassis prior to bolting it in. Take care to move wires clear of the mounting plate and not to pinch any wires.



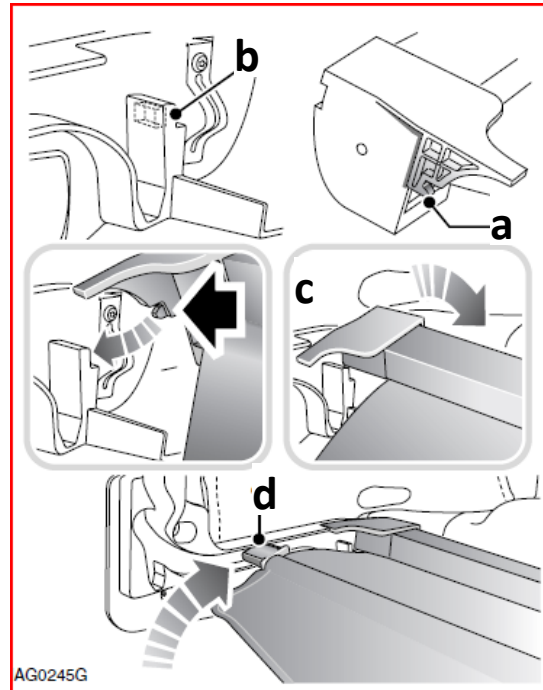
Use a torque wrench to tighten the four T40 bolts to 25 Nm. Plug in the connector and slide the connector lock downwards into place.

Step 32: Reconnect the battery **negative terminal (black)**, tightening the bolt to 5 Nm.

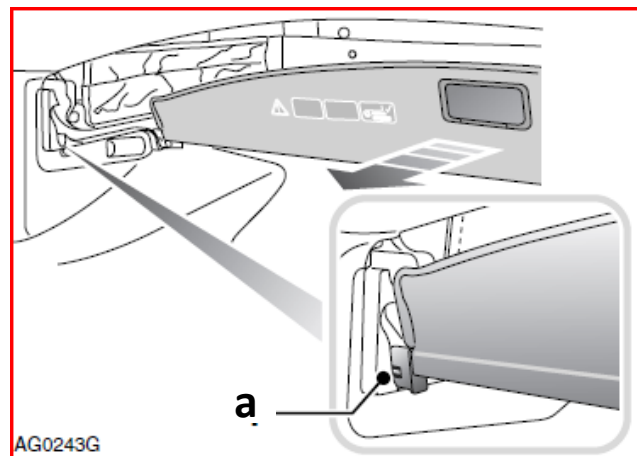
Step 33: Reinstall the vertical panel and four manual screw fasteners in the trunk (boot) that serves as a battery cover. Then reinstall the floor panel in the trunk.



Step 34a: Reinstall the luggage separator. With the partition slightly extracted, position the luggage separator up to the support brackets with the front edge raised. Ensuring, that for both sides, the catch **a** in **Figure below** will engage in the locating slot **b** in **Figure below**. Rotate the main body of the luggage separator **c** in **Figure below** so that it sits down into the support brackets. Fit the partition lugs into the sliders **d** in **Figure below** and retract the luggage separator partition into the normal storage position.



Step 34b: Deploy the luggage separator for convertible top operation. Pull the handle on the luggage separator towards you. There is a lug on either side of the luggage separator: slide the lugs into the sliders on either side of the luggage compartment. The luggage separator will positively locate in the vertical position. A proximity switch, **a** in **figure below**, is located in the separator assembly so that the convertible top will not operate until the separator is in the fully deployed position.



Step 35: Reset the windows and anti-trap protection (necessary for proper top operation) as follows:

Turn **ON** the engine, the doors are closed and, and the convertible roof is closed.

--Fully close the **driver's** window, then release the switch. Again pull the switch to close the window and just hold for two seconds.

--Open the **driver's** window fully and release the switch. Again press the switch to open the window and just hold for two seconds.

--Fully close the **passenger's** window, then release the switch. Again pull the switch to close the window and just hold for two seconds.

--Open the **passenger's** window fully and release the switch. Again press the switch to open the window and just hold for two seconds.



Step 36: Make sure the doors are shut and the trunk (boot) is closed



Ensure that the engine is running. Press the convertible top **OPEN** button for 1 second.



The top should complete the open cycle without holding the button. If the top does not operate, recheck that the luggage separator is properly deployed and that the trunk (boot) is shut. The driver's message display will also indicate '**LUGGAGE COVER OUT OF POSITION**' on the information screen if the luggage separator is not properly deployed. If necessary, re-deploy the luggage separator and attempt to open the top again using the roof console **OPEN** button.

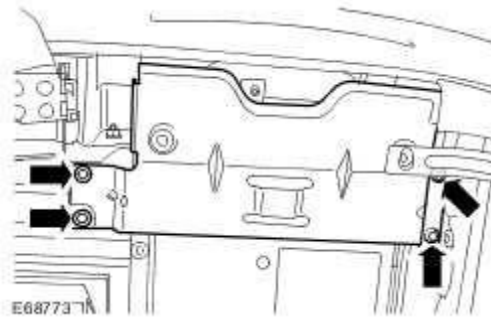
If the luggage cover is definitely in the correct position (no message), and the trunk is shut and the top still refuses to operate see "**First things to check if the top stops working**" in the **Troubleshooting** section near the end of this document.

Step 37a: Turn **OFF** the ignition. Make sure the headlights are in the **OFF** or **AUTO** position (not the exit delay headlight positions). Exit the car. Depress the 'Headlight' button  once, followed by the 'Lock' button  on the SmartKey fob. Verify that the top goes back up.

Step 37b: Wait at least 45 seconds. Depress the 'Headlight' button  once, followed by the 'Unlock' button  on the SmartKey fob. Verify that the top goes down again.

Part VI- Final Reassembly and Setup

Step 38: Drop the top for ease of access if it is not already down. Reinstall the black metal cover over the Rollover Protection Device using two 10 mm screws and two 10 mm nuts. (**Note:** If your vehicle has the factory wind deflector, do not install the nuts and bolts nearest the fusebox until step 40 when you reinstall the wind deflector brackets.)



Step 39: Reinstall fasteners on the left side of the upper upholstered covered trim cover with the T30 screw shown and plastic fastener.

Step 40: Reinstall the seat back by first sliding it behind the rear seat belts. Then engage the hooks behind the seat back and replace the two T30 Torx screws at the bottom of the seat back. If your vehicle has the factory wind deflector, reinstall the factory wind deflector brackets after the seat back is in place.

Step 41: Reinstall the seat bottoms, center armrest and center rear seat back cover (fusebox cover). When installing these items take care to line up the plastic fasteners with the receiving holes to avoid damaging the fasteners.

Step 42: Start the engine. Because the battery was disconnected, the message '**APPLY FOOT AND PARK BRAKE**' will be displayed when the ignition is first switched on. Depress the foot brake and apply the parking brake by pulling it upwards as shown in **1** below. This is required to reset the parking brake system after the battery disconnection. The parking brake should now function correctly.



Step 43: Reset the clock to the correct time. Recalibrate the seat memory positions (driver and passenger seats) if seat memory had been previously set.

Step 44: If children or pets ride in your vehicle, it is recommended that you disable the 'ONE TOUCH' feature for the interior convertible top switch for the utmost safety. To disable the 'ONE TOUCH' feature slide the switch to the **OFF** position as shown. This feature can be re-enabled as desired in the future by switching back to the **ON** position.



Notes:

-If the battery has been disconnected for more than about 72 hours, the radio preset channels may also need to be reprogrammed.

-The trip computer will lose all recorded trip data and all trip functions will be reset to zero due to the battery disconnect. The odometer is not affected.



-Some slightly unfamiliar drive behavior may occur and the vehicle may need to be driven about 16 kms (10 miles) or for the system to re-adapt as the vehicle ECU 're-learns' your driving characteristics due to the battery disconnect.


Congratulations! Installation is now complete.

Operating Instructions

Remote convertible top operation:

To drop the top, with the doors locked, simply press the HEADLIGHT  (lower left) button on the SmartKey once. Then immediately press the door UNLOCK  button on the SmartKey.

To raise the top, with the doors unlocked, simply press the HEADLIGHT  (lower left) button on the SmartKey once. Then immediately press the door LOCK  button on the SmartKey.

Alternate method to drop the top: Press the door UNLOCK  button on the SmartKey with 3 consecutive presses, about one second apart.

Alternate method to raise the top: Press the door LOCK  button on the SmartKey with 3 consecutive presses, about one second apart.

Notes:

1. The SmartKey will only operate the top if the ignition is off.
2. If dropping the top, to instantly stop top movement, depress UNLOCK button on the SmartKey again during the cycle.
3. If raising the top, to instantly stop top movement, depress LOCK button on the SmartKey again during the cycle.
4. To reverse the top drop process, depress the door lock button after stopping.
5. To reverse the top raise process, depress the door unlock button after stopping.
6. Only use stop and reverse features for emergencies in order to save wear and tear on the mechanism.
7. To restart the cycle after it was interrupted if the headlights are off, depress the headlight button on the remote key fob once. Then immediately depress the unlock button to drop or the lock button to raise the top.
8. To use your headlights remotely without operating the top, lock or unlock the car first as desired, then press the remote headlight button.
9. Do not try to use the SmartKey to operate the top while inside of the vehicle...this may inadvertently set off the theft alarm.

Operating Instructions

'ONE TOUCH' convertible top operation:



To drop the top, hold the TOP OPEN  roof console button for about 1 second, then release the button and the operation will complete automatically without continuing to hold the button.



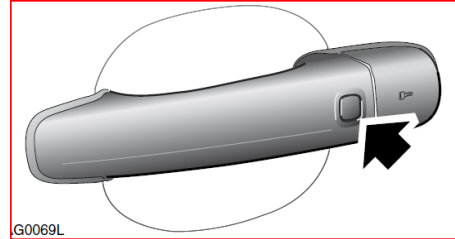
To raise the top, hold the TOP CLOSE  roof console button for about 1 second, then release the button and the operation will complete automatically without continuing to hold the button.

Notes:

1. To instantly stop the top opening process press TOP CLOSE.
2. To instantly stop the top closing process press TOP OPEN.
3. **'ONE TOUCH'** works with the ignition on and (for security) for only a few seconds after entering the vehicle with the ignition off.
4. If children or pets ride in your vehicle, for the utmost safety, it is recommended that you disable the **'ONE TOUCH'** feature for the interior convertible top switch.
5. One touch will operate when moving up to 15 mph. Once the top operating cycle has started, you can go faster than 15 mph, but the Jaguar Owner's manual advises that excessive speed while operating the top may cause damage to the top.
6. The switch on the side of the Remote Top Controller can be used to disable or re-enable one touch operation.
7. You can still use the factory provided feature that allows you to lower the rear windows with a rapid press of the console top down button, but you must press the console button VERY quickly (just 'pop' the button as rapidly as possible) to avoid dropping the top also.

Operating Instructions

Driver door handle button convertible top raising:



To RAISE the top, press the door LOCK button on the Driver Door Handle with 3 consecutive presses, about one second apart. This will also lock the car.

Notes:

1. The SmartKey must be nearby, same as when locking the car.
2. To stop the top raise process, depress the door lock button again.
3. To continue the cycle after stopping press the door handle button 3 times again.
4. The door handle button feature only works with the ignition off.

Operating Instructions

Rear Quarter Window control option operation:

To raise BOTH rear quarter windows simultaneously, first raise both front windows. Wait at least 3 seconds then pull the *PASSENGER window UP button on the DRIVER'S door* with 3 consecutive pulls about one second apart.

To lower BOTH rear quarter windows simultaneously, first lower both front windows. Wait at least 3 seconds then press the *PASSENGER window DOWN button on the DRIVER 'S door* with 3 consecutive presses about one second apart.

Notes:

1. For safety, always drive with the passenger windows up if the rear quarter windows are raised.
2. To instantly stop the rear quarter window movement pull or press the passenger window up or down button from the driver's seat.
3. Manual rear quarter window control will be disabled during the cycle while the top is being raised or lowered.
4. The rear quarter windows will automatically lower at the start of a top raise cycle in order to protect the convertible top weather seals from excessive wear.
5. Note that the passenger window button on the driver's door is the right hand button on left hand drive cars and the left hand button on right hand drive cars.)





Important Safety Warnings



With the new capabilities of your vehicle extra care must be observed.

To avoid risk of death, injury, entrapment or property damage:

NEVER operate the convertible top remotely without a competent adult observing the convertible top operation.

ALWAYS keep body parts and interfering objects away from the moving convertible top and windows.

NEVER operate the convertible top remotely around infants, children or pets or others with impaired vision or judgment.

NEVER allow infants, children, pets or those with impaired vision or judgment to handle or have access to the remote control.

NEVER depend solely on the “stop” and “reverse” features of the remote control to avoid death, injury or property damage.

NEVER leave children or pets unattended or in a closed vehicle.

ALWAYS store your remote control key fob in such a way that the buttons will not accidentally get pressed.

ALWAYS provide these safety warnings to any operator of the vehicle remote control.

ALWAYS immediately remove the remote top controller from the vehicle in the event a malfunction of the remote top controller product is observed.

ALWAYS disable the 'ONE TOUCH' feature for the interior convertible top switch before children or pets ride in your vehicle.

NEVER drive with the rear quarter windows up without also raising the front windows.

Troubleshooting:

If the convertible top pauses for several seconds each time when raising or lowering:

-Repeat Step 35: Reset the windows and anti-trap protection.

If the rear windows go down, but the top does not drop when using the 'One Touch' feature

1. Make sure that you hold the console button for at least a full second.
2. Make sure that the One Touch Switch on the remote module is ON.

First things to check if the top stops working:

1. Is the trunk (boot) shut? It must be shut for the top to operate. If the trunk is opened while the top is in motion, restart the cycle with the remote control.
2. Is luggage separator correctly installed and deployed? It must be for the top to operate.
3. If you cycle the top very quickly, an extra button press (SmartKey lock/unlock or console top-open/top-close, as applicable) may be required to operate the top.
4. Does the SmartKey work for door and headlight functions? If not, replace the SmartKey battery.
5. Does the top work still from the roof button with the engine running? If yes, charge or replace the car battery.
6. Check the green lights on the remote top unit with the ignition on. They should both be flashing rapidly. If only one is flashing, turn off the ignition, unplug the fuse 'F8' (beige, marked '5') from between the rear seats and then plug it back in.
7. Check the green lights on the remote top unit with the ignition on. They should both be flashing rapidly. If only one is flashing, turn off the ignition, then disconnect the battery negative cable for 10 seconds and reconnect the battery negative cable. Then repeat Step 35: Reset the windows and anti-trap protection. Run at least one top cycle up and down with the engine on before using the remote.
8. Reset the top as shown in Appendix A and try again. Make sure that Allen key pump bypass bolt is left in full clockwise position.

'Service Required' Message appears on dashboard (2009+ models in the UK, 2010+ models elsewhere):

-This service reminder message sometimes appears as a result of the battery disconnect. Reset it as follows:

1. Press and hold the rear fog lamp switch (before the ignition is on).
2. Press the start button without applying the foot brake (do not start the engine)
3. Release the rear fog lamp switch (1sec)
4. Press and hold the trip computer cycle switch (within 1sec).
5. Press and hold the rear fog lamp switch. (within 1sec)
6. Continue to hold the trip computer and rear fog lamp switches.
7. The message center should display "resetting service mode" and then "service mode reset"
8. Release the trip computer and the fog lamp switches and turn the ignition off.

Still need support?

Email whitexkr@comcast.net with as much detail as possible for prompt support.

Appendix A - Manual Reset of the Convertible top (only required if top malfunctions)

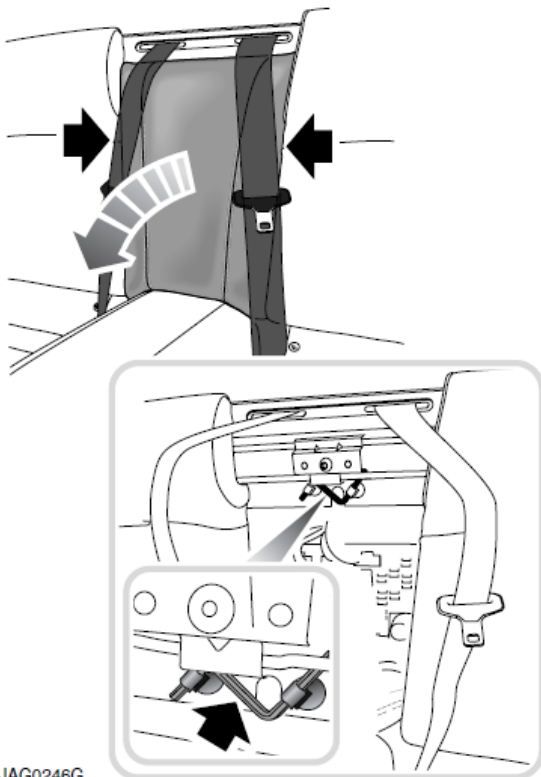


WARNING:

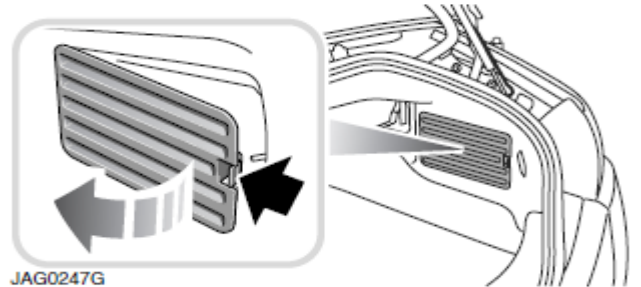
It is advisable that two persons carry out this procedure so that the convertible top and tonneau cover are fully supported when required; although it is possible that this procedure may be carried out by one person with care.

To manually re-set the convertible top:

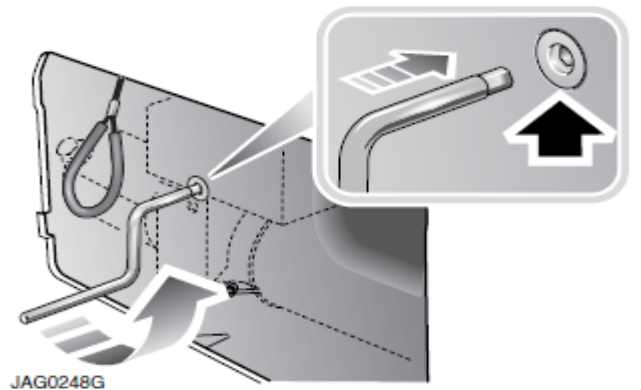
Ensure that the engine is not running and that the ignition system is OFF.



Grasp the sides of the section, as shown, and pulling sharply. Remove the Allen key from its stowed position.

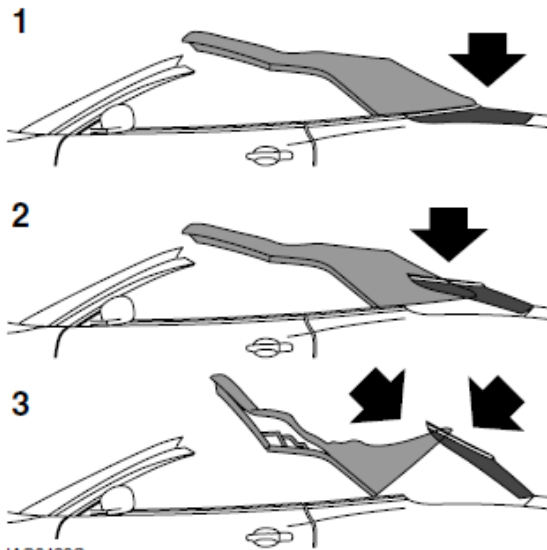


From inside the luggage compartment, remove the vent screen to access the operating pump.



Insert the Allen key into the pump and rotate counter clockwise (approximately one turn).

Now wait at least 15 minutes for the system to depressurize.



JAG0420G

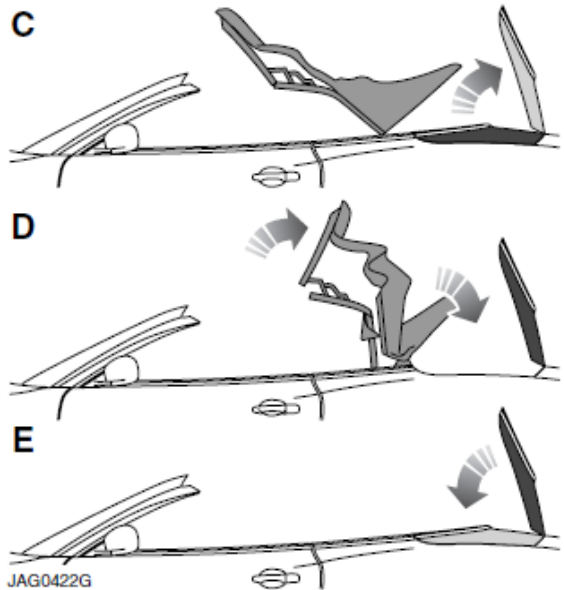
The convertible top and tonneau cover movement can cease in any of the positions 1, 2 or 3, as shown.



JAG0421G

If the movement ceases in position 1, release the tension in the convertible top cover and tension bow (rear of convertible top) by lifting the front of the convertible top and pulling rearwards **A**.

Lift the tension bow upwards **B**, and forwards to clear the tonneau cover).



JAG0422G

Lift the tonneau cover fully and support **C**. Pull the convertible top rearwards and downwards **D** so that it is fully stowed.

Rest the tonneau cover in the closed position **E**.

If the movement ceases in either positions 2 or 3, lift the tonneau cover fully upright and support **C**, pull the front of the convertible top rearwards and downwards so that it is fully stowed **D**.

Rest the tonneau cover in the closed position **E**.

All positions: Turn the Allen key clockwise approximately one turn and return it to its stowed position, refit the rear seat centre section, luggage compartment vent screen and close the luggage compartment lid.

The top is now reset. Always operate the top for the first time after a reset with the console button (not the remote) and the engine running. Do not use the remote until proper operation is restored.