

# INSTRUCTIONS TO INSTALL THE ORA XL MIRROR TO THE NISSAN PATROL GU SERIES

## Tools

- Long flat screw driver and a small flat screw driver
- Phillips head screw driver
- 10mm Socket
- Container to hold bolts, screws and loose items.

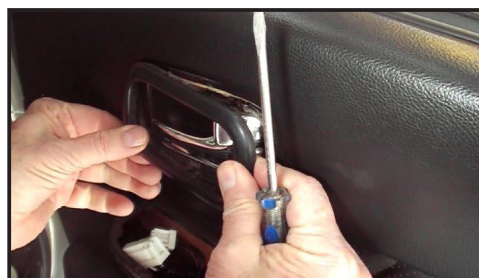
## Installation

The first procedure is to remove the internal door panel. Instructions below may refer to the “latch end” or the “hinge end”. This means that as you look at the driver’s door from the inside, the Right side is the “latch end”, and the Left side is the “hinge end”.

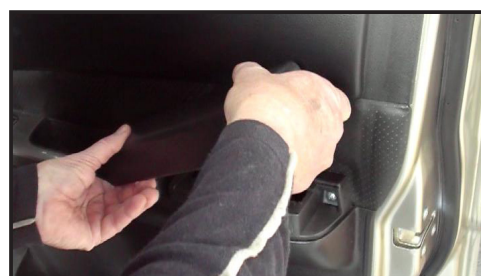


Removing the door panel from the door frame.

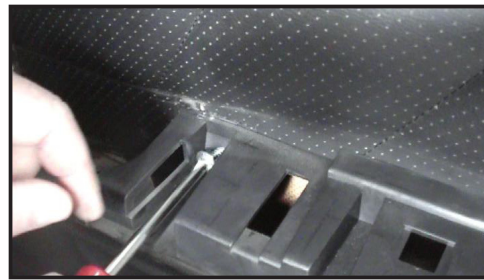
1. Lower door window all the way.
2. Remove door lever cover using small flat screw driver. Wedge the screw driver between the door handle cover and the lock button to gently loosen the cover. Repeat at the bottom if necessary.



3. Remove arm rest cover. You should be able to do this by hand. Grip the “latch end” of the cover and lift. Use a flat screw driver if it doesn’t come away easily.



4. Remove 2 screws behind the arm rest cover.



5. Remove the screw at the bottom of the handle section of the electrical control panel.



Electrical  
control  
panel  
(handle  
section)

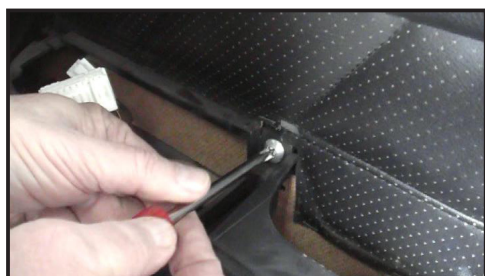
6. Lift out the electrical control panel from the “hinge end” first. This can be done by hand, although a flat screw driver may help unclip that end.



7. Remove electrical plug behind the electrical controls. There may be 2 electrical plugs on the driver’s side. The small plug is removed by pressing the small tag. The other plug may need to be wedged out with a small flat screw driver.

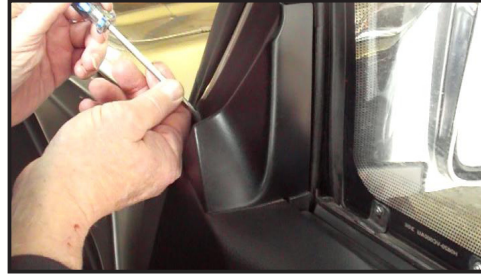
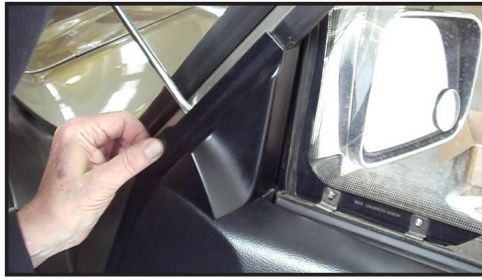


8. Remove screw located behind the electrical cover.





9. Remove triangular plastic cover at “hinge end” (covering the mirror bolts). You may need to wedge a flat screw driver between the cover and the door frame to unclip the small plug which keeps the cover in place.



10. The door panel connects to the door with several hidden plastic plugs that run along the base and up each sides. The plugs at the base of the door are located beside indents in the metal frame. Locate these indents and gently prise the panel away from the frame with a long flat screw driver. Continue pulling the panel up the sides of the door until all plugs have unclipped.

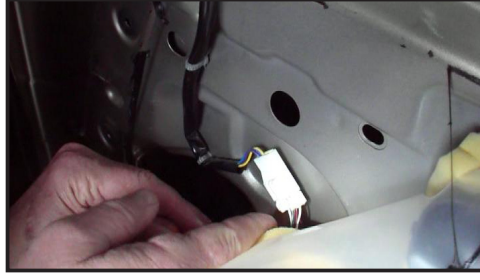


11. Once all the plugs have been detached gently tap the base of the panel until the whole panel separates from the door frame.

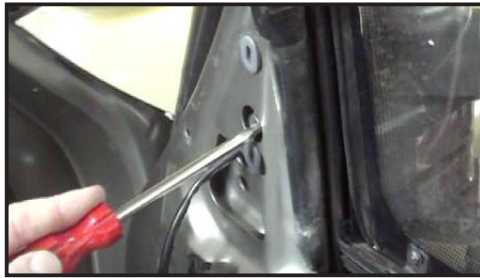
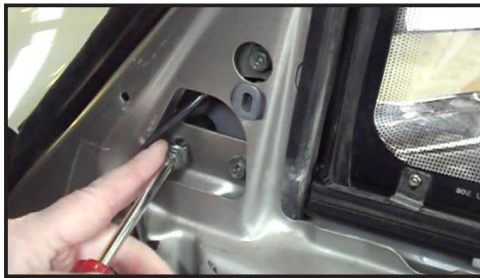


The next procedure is to remove the existing mirror and to install the ORA XL. ***It may be helpful to have another person assist in holding the mirrors whilst they are being detached and installed.***

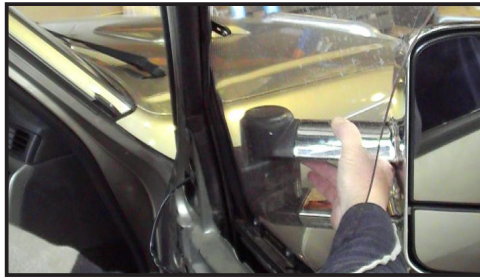
12. Remove the electrical plug that connects the mirror to the mirror controls. You may need to peel back the clear plastic dust cover to access this plug. Remove the plug by pressing the tab and gently pulling the plug out.



13. Use 10mm socket or Philips screw driver to loosen the bolts, beginning with the bottom bolts. Hold the mirror or have someone hold it for you as the final top bolt is removed. Then carefully remove the mirror.



14. Thread through the ORA XL mirror electrical cable. Then position the new mirror in place ensuring that the rubber seal is flush and in position.

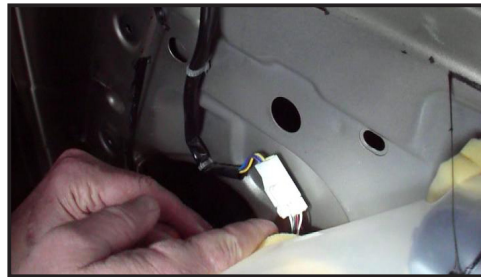




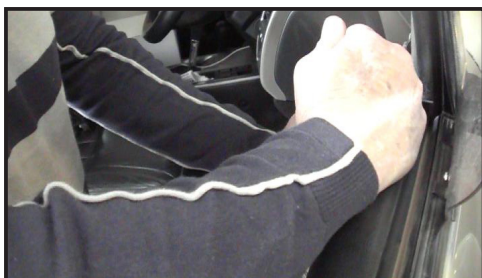
15. Screw in the top bolt first (initially not too tight) then the others. Then tighten all bolts.



16. Connect electrical plug ends. Then check that the electrical mirror buttons work. The larger top section of the mirror should move left/right/up/down as your standard mirror did. The bottom mirror is manually adjusted. Replace the clear plastic dust cover.



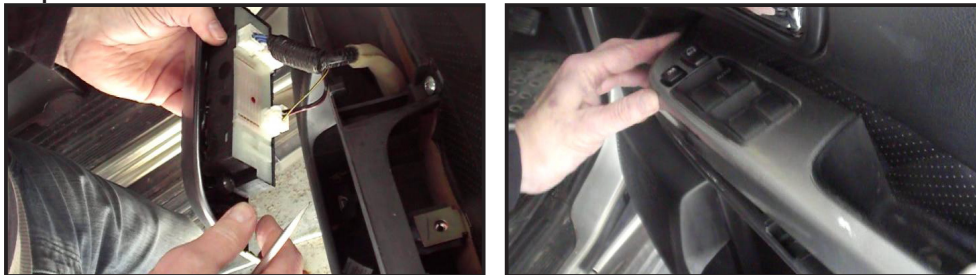
17. Replace the door panel. Starting with the window cavity at the top, using some manual pressure to pop it into place. The plugs at the base and sides should line up and click into place.



18. Replace 3 screws: One behind the electrical control panel, two behind the arm rest.



19. Replace the control panel electrical plug. Then put the electrical control panel back in position.



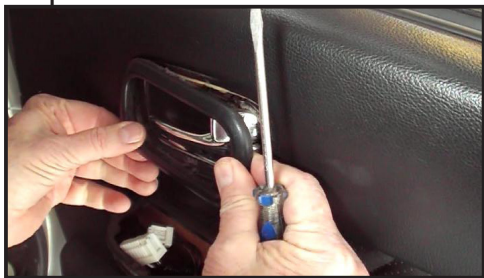
20. Replace the vertical screw that holds the electrical control panel in position.



21. Replace the arm rest, “hinge end” first.



22. Replace the door handle cover.



23. Replace the triangular plastic cover.



Your new ORA XL towing mirror is now ready to use.



The Mirrors are preset to the optimum angle for viewing from the driver's position. However they will fold in if you accidentally strike an object.

ORA XL mirrors will extend out an extra 100mm if required. Firmly pull on the mirror head until it slides all the way out.

If you have any questions call us on 02) 6239 3858

**Disclaimer;**

These instructions are for an installer with basic competency in handling tools. The average handy-person should be able to install these mirrors without damaging any car components. If you do not feel that you have these skills, please have them installed by a suitably qualified trade person (eg. a mechanic). ORA Products does not take any responsibility for damage to the car that may occur as a result of the installation or removal of the ORA XL Mirrors.