



# SNORKEL KIT FOR TOYOTA LANDCRUISER 80 / LEXUS L450 SERIES

## USER MANUAL

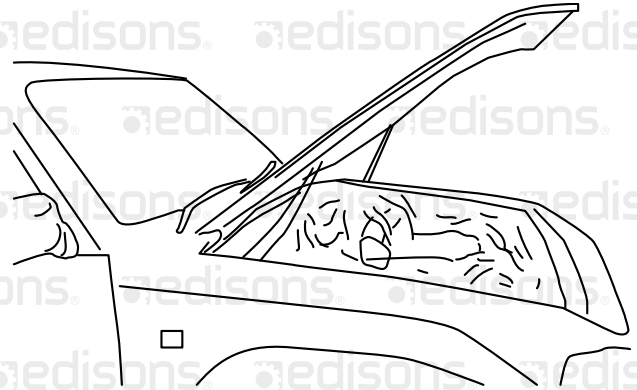
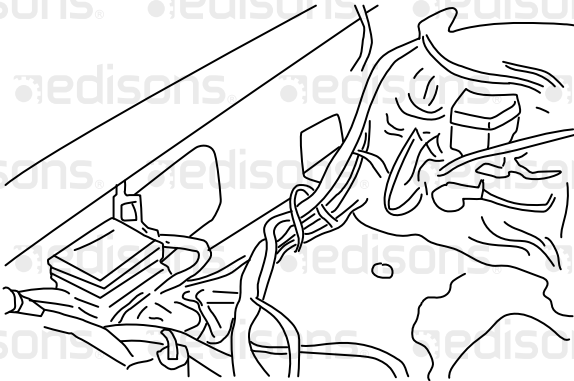
[Revision 2.0 November 2016]

**RETAIN THIS MANUAL FOR FUTURE REFERENCE  
PLEASE READ THIS MANUAL CAREFULLY BEFORE USE**

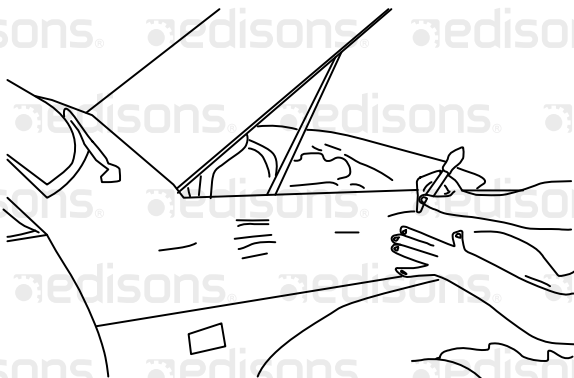
Some tools required for installing:

- **Hole Saw (92mm)**
- **Step Drill**
- **CRC or Similar Lubricant**

1. Before installation, check that the snorkel application is compatible with your vehicle.
2. Remove air cleaner assembly, right-hand front indicator and air entry duct located between the inner and outer mudguards.
3. Apply masking tape to the front mudguard and right-hand windscreen pillar.



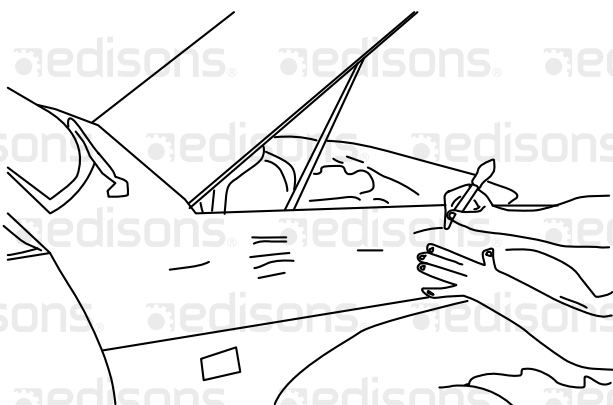
4. Tape the mounting hole template to the mudguard, making sure it is lined up with top of the mudguard (bonnet opening) and rear of the mudguard (door opening).



5. Using a felt tipped pen, mark all holes through the mounting template onto the mudguard. Remove the template.

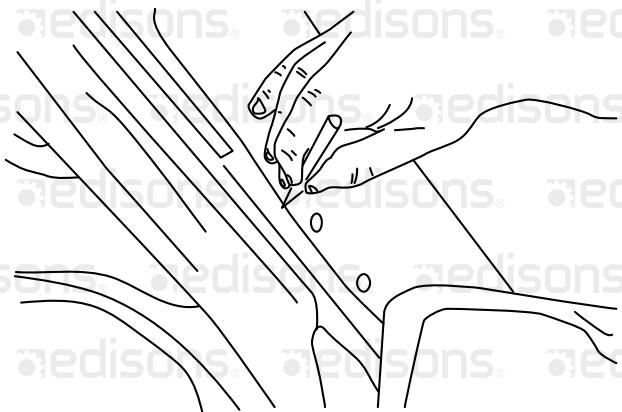
6. Drill the stud mounting holes to 16mm and using a 92mm hole saw, cut the hole for air entry duct.

7. De-burr and rust-proof all holes (this applies to all holes drilled after this step).

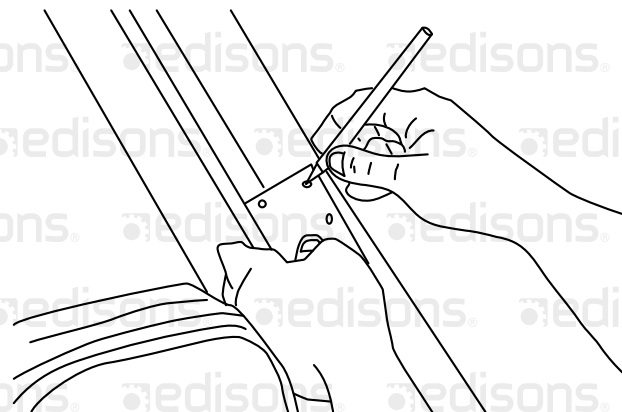


8. Using a thread-locking compound, screw all studs into the snorkel body and attach the pillar mounting bracket loosely to the snorkel using the supplied M6 bolts.

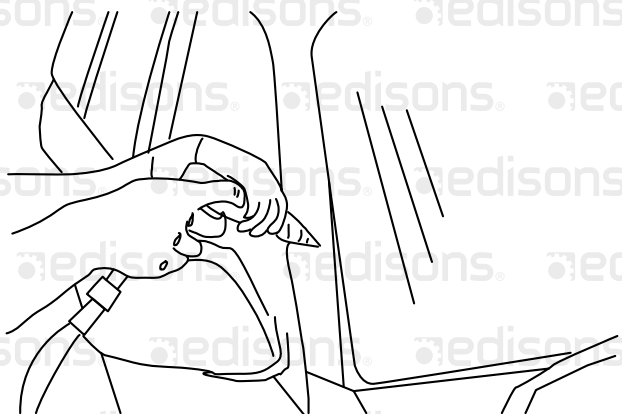
9. Hold the snorkel body in position on the mudguard and mark the position of the mounting bracket on the windscreen pillar, then remove the snorkel.



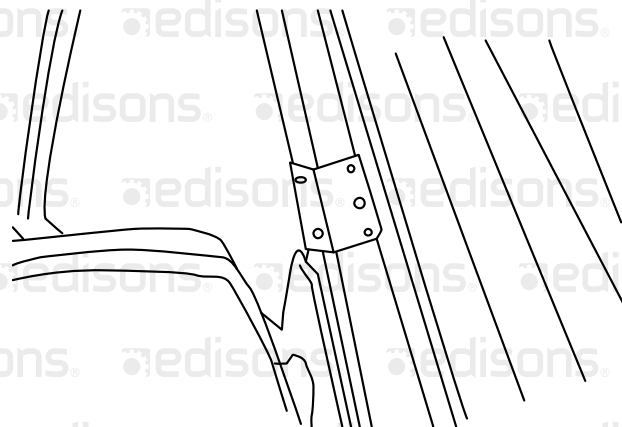
10. Remove the bracket from the snorkel. Place the bracket on the pillar in the position previously marked, then mark the three mounting holes.



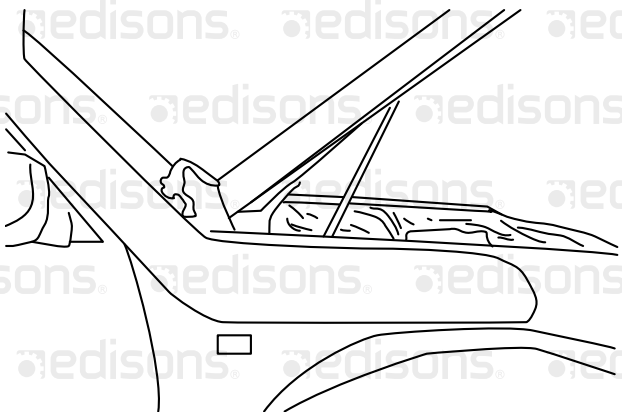
11. Drill the three mounting holes in the pillar to 7.5mm - when drilling, drill through the outer skin of the pillar only, and no further. Apply silicone sealant to the holes and insert the mounting plugs.



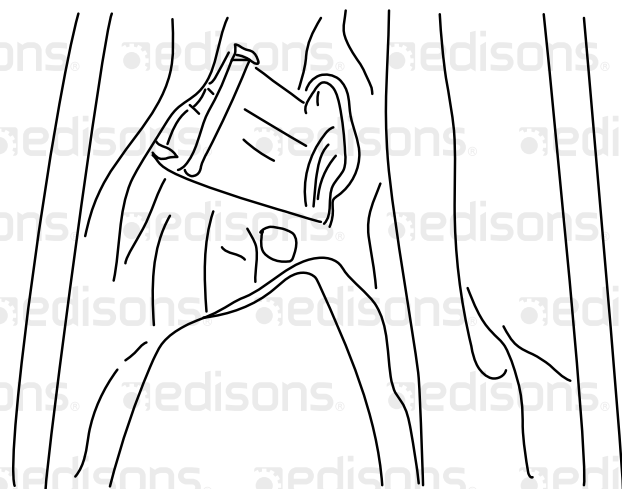
12. Attach the pillar mounting bracket using three self-tapping screws provided.



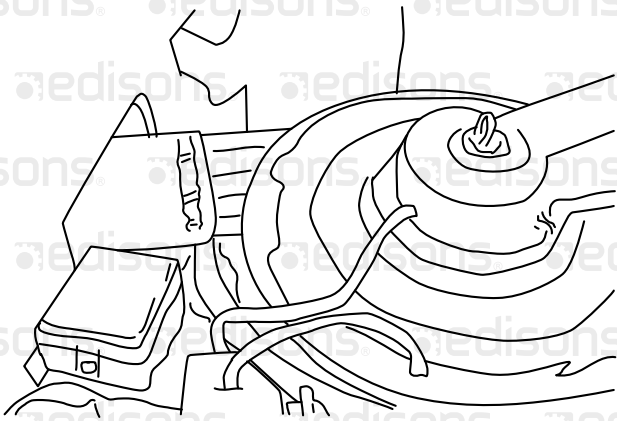
13. Install the snorkel body to vehicle using the supplied M8 Nyloc nuts and body washers, and attach it to the pillar mounting bracket using the supplied M6 bolts.



14. Attach the rubber joiner to the snorkel. Slide the two supplied hose clamps over hose but DO NOT tighten at this stage.

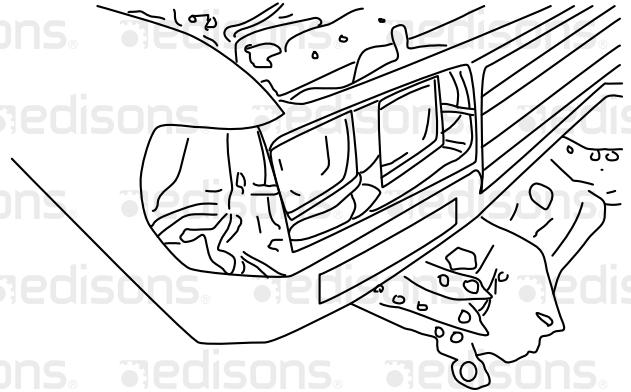


15. Refit the air cleaner assembly while engaging the air entry with the rubber joiner.



16. Secure the rubber joiner with the hose clamps.

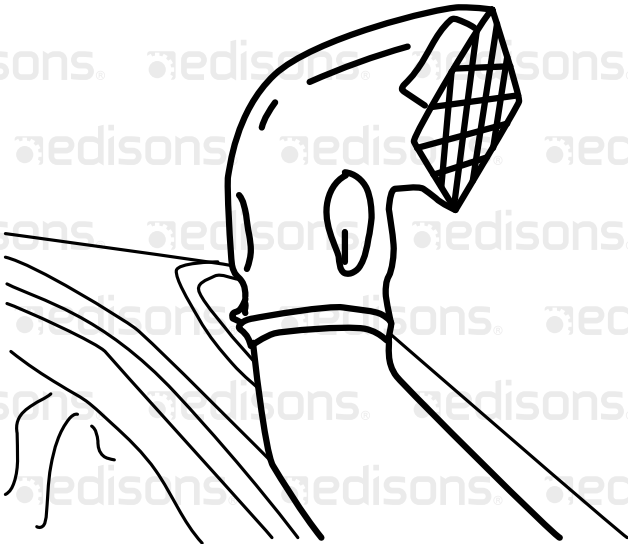
**NOTE:** The hose clamp for the snorkel can be accessed through the indicator opening.



17. Refit the front indicator.

18. Check all hose connections and the air box for potential leaks and seal as required.

19. Fit the air ram and secure it with the supplied hose clamp.





**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
  - Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
  - Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
  - Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
  - If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
  - This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.