



SNORKEL KIT FOR TOYOTA HILUX 4x4 25 SERIES

USER MANUAL

[Revision 2.0 November 2016]

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

Some tools required for installing:

- **Hole Saw (108mm)**
- **Step Drill**
- **Spanner (13mm)**

1. Before installation, check that the snorkel application is compatible with your vehicle.

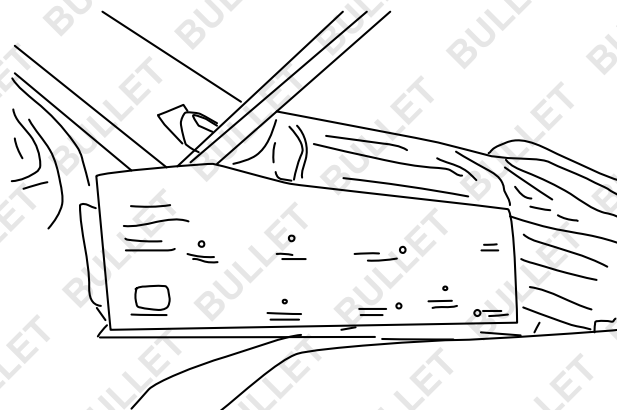
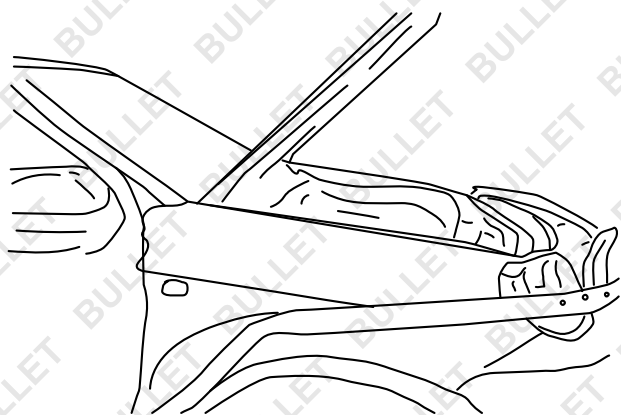
2. Remove the right-hand mudguard liner and air intake duct.

PETROL: Remove the air cleaner intake hose and cyclonic pre-cleaner.

DIESEL: Remove the air cleaner assembly.

3. Apply masking tape to the right-hand front mudguard and windscreen pillar.

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



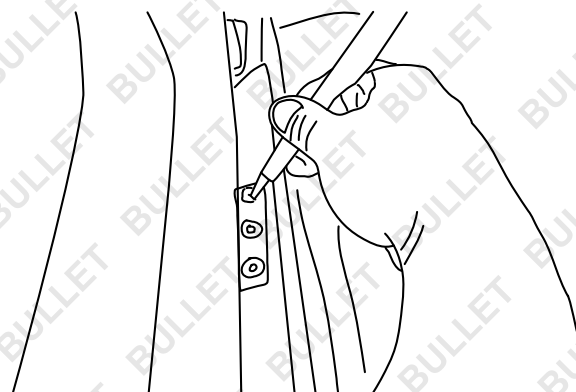
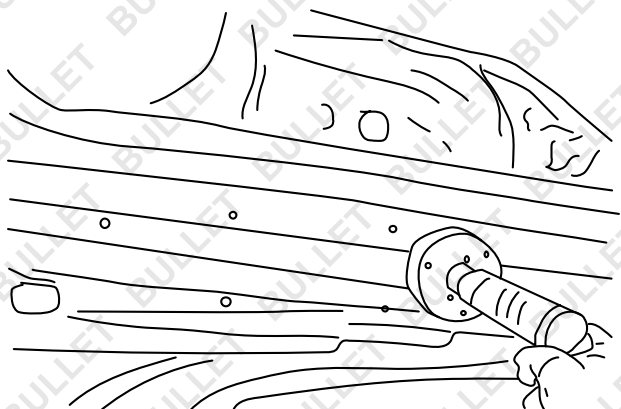
5. Using a felt tipped pen, mark all holes through the mounting template onto the mudguard. Remove the template.

6. Drill the mounting holes to 16mm and using a 108mm hole saw, cut the remaining hole for the air entry hose.

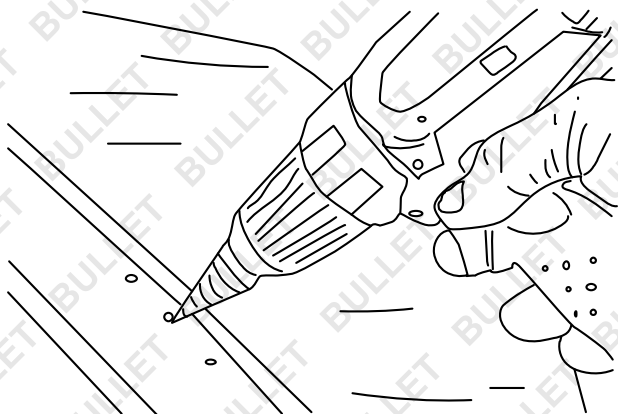
7. De-burr and rust-proof all holes (this applies to all holes drilled after this step).

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

9. Hold the snorkel body in position on the mudguard and mark the position of the pillar mounting bracket holes on the pillar. Remove the snorkel, and remove the bracket from the snorkel.



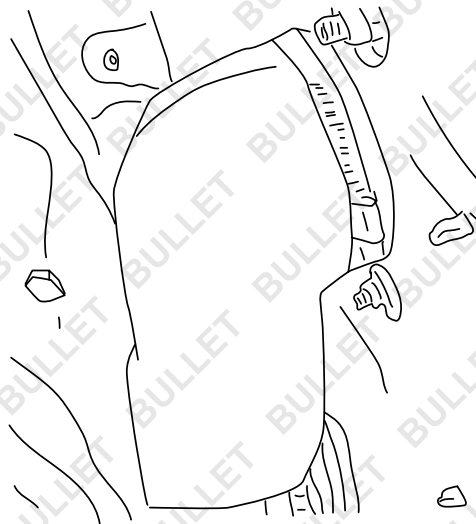
10. Drill the pillar mounting bracket holes to 7.5mm - when drilling, drill through outer skin of the pillar only, and no further. Apply silicone sealant to the holes and insert the mounting plugs.



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

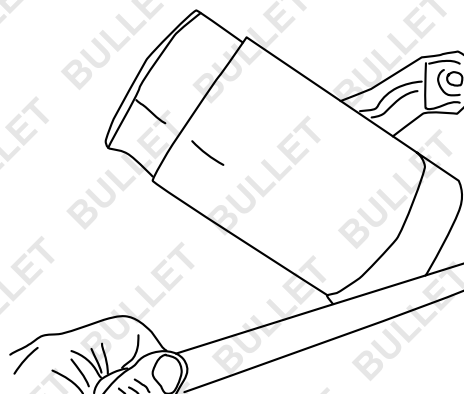
12. Install the snorkel body to the vehicle using the supplied M8 Nyloc nuts and body washers, and attach it to the pillar mounting bracket using the supplied M6 bolts.

13. Attach the rubber joiner to the snorkel and secure it in position with the supplied hose clamp.

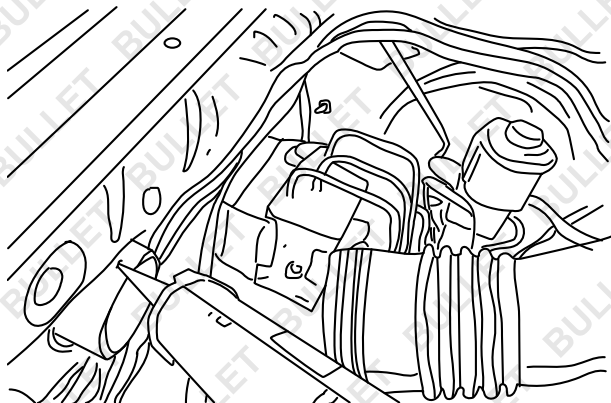


PETROL ENGINE

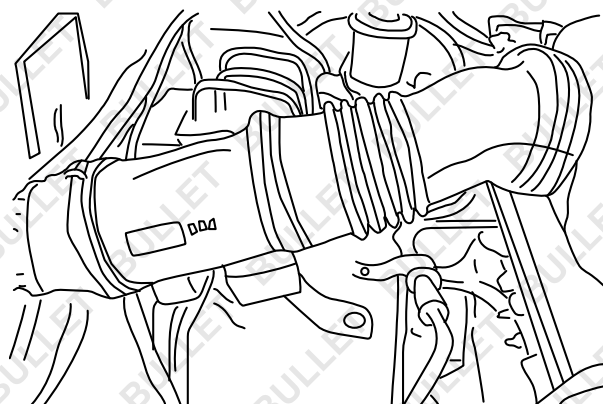
14. Using a file or similar, remove the three raised plastic sections from the cyclonic pre-cleaner to allow the rubber adaptor to be fitted over it.



15. Apply silicone sealant to the outside of the rubber joiner in the engine bay and attach the rubber adaptor to it using the supplied hose clamp.



16. Re-install the cyclonic air intake and the air intake hose to the air cleaner.



DIESEL ENGINE

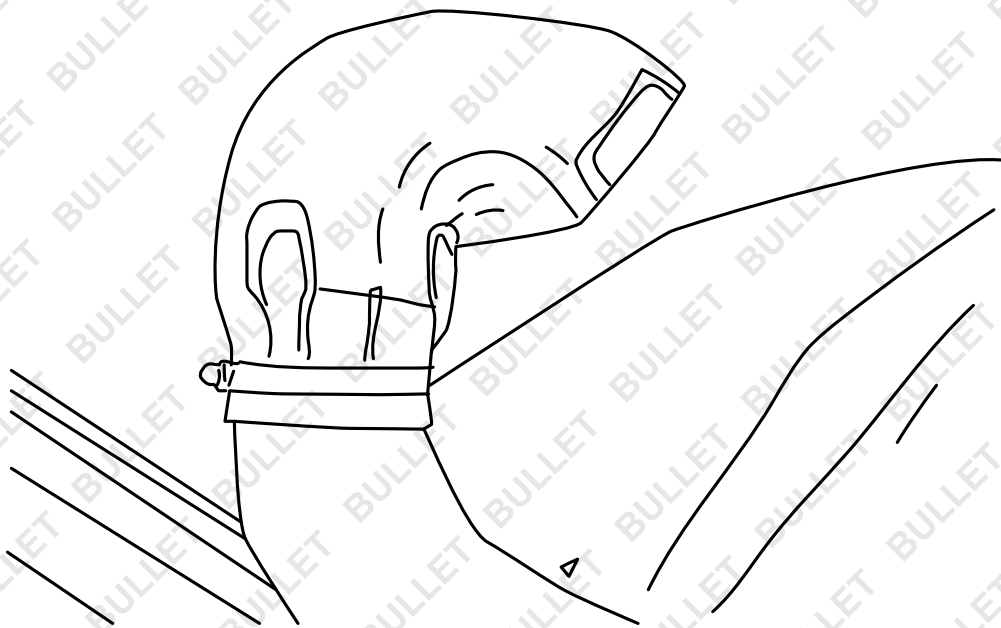
17. Re-install the air cleaner assembly and attach to rubber joiner using hose clamp provided.

ALL MODELS

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

19. Re-install the guard liner.

20. 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

- 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.
- 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.
- 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.



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