



SNORKEL FOR FORD RANGER T6 DIESEL P5AT 3.2L – 5L

USER MANUAL

[Revision 1.0 March 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.

Below is a list of some required tools for installing:

- **Step Drill**
- **Spanner (13mm)**
- **Pop Rivet Gun**

1. Before installation check snorkel application is compatible with your vehicle.
2. Remove right hand front mud guard liner, mud flap, air box, air entry duct to air box, mud guard stuffer, front mud guard grill and side marker indicator.



3. Apply masking tape to right hand windscreen pillar.
4. Attach snorkel securing bracket from inside of mud guard using pop rivets supplied as shown.



5. Stick snorkel gasket to back of snorkel body as shown, using lock tight screw studs into captive nuts on back of snorkel body.

NOTE: Long stud goes in hole as shown in red circle in photograph.



6. Attach upper mounting bracket loosely to snorkel.



7. Hold snorkel body in position on mud guard. Mark location of top mounting bracket onto screen pillar.

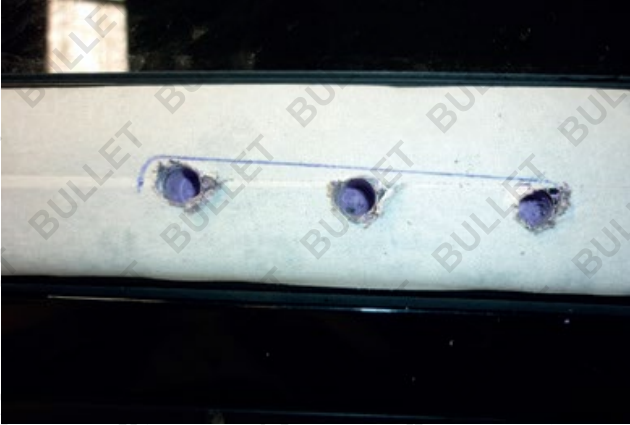
NOTE: Make sure that snorkel mounting bracket clears the driver's side door.



8. Remove mounting bracket from snorkel. Hold bracket in position previously marked on pillar and mark three mounting holes.

Drill mounting holes in pillar to 7.5mm. Apply silicone sealant. Insert mounting plugs and attach mounting bracket using three self-tapping screws provided.

NOTE: When drilling holes, drill far enough into pillar insulation to allow plugs to be inserted.



9. Install snorkel body to vehicle using three nyloc nuts and body washers provided and attach to pillar bracket using M6 bolts and washers provided.



10. Drill hole in mounting flange for rear air duct to 8.5mm. Hole is marked by a dimple.



11. Apply a liberal amount of silicone to snorkel body and rear air duct. Engage mounting flange for rear air duct to long stud on snorkel and secure using M8 Nyloc nut and washer provided.

NOTE: Make sure that connection is properly sealed.



12. Attach duct bracket to captive nut in duct. Mark hole location on inner guard and drill to 8.5mm, then attach using M8 bolt, nut and washers provided.



13. Apply a liberal amount of silicone to both internal and external mating surfaces of front and rear ducts and push together as shown. Make sure that connection is sealed.



14. Attach front duct mounting bracket as shown and secure using hardware provided.

NOTE: Factory bracket may need to be bent up to allow clearance for front air duct as shown in red circle.



15. Remove factory adaptor from air cleaner as shown.



16. Fit supplied air box adaptor to air box. Seal both inner and outer mating surfaces with a liberal amount of silicone. Secure in place using self-tapping screws provided.



17. Apply a liberal amount of silicone to air box adaptor and air entry duct and refit air box to vehicle.

NOTE: Ensure connection is properly sealed.



18. Pull wiring for side marker indicator through snorkel body and attach indicator to snorkel.

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

20. Re-fit guard liner and mud flap.

21. Fit the 4x4 Air Ram and secure with hose clamp provided.





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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