



INSTALLATION GUIDE

ISNORKEL051

TOYOTA HILUX REVO 2015+
2.8L Turbo Diesel (1GD-FVT) and
2.4L Turbo Diesel (2GD-FTV)
Wide Body Only



- Ironman 4x4 Snorkel fits to the right hand side of the Toyota Hilux Revo - Wide Body Only
- It will take about 3 hours to install.
- Below is a list of some required tools for installing your Ironman 4x4 Snorkel:
 - **Hole Saw (110mm)**
 - **Step Drill**
 - **Drill (7.5mm)**
 - **Spanner (13mm)**
 - **Air Hacksaw or Similar**
 - **Pop Rivet Gun**
 - **Sensor Safe Silicon**

NOTE: Only use "sensor safe" sealant during installation

IMPORTANT: Snorkel installations should only be done by a qualified person and it is the responsibility of this person to ensure correct fitment and to ensure the installation is water tight.

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

2. Remove mudguard liner, air intake duct and air cleaner assembly.

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

Tape template to mudguard making sure it is aligned with top of mudguard, bonnet opening and headlight.



4. Using a felt tipped pen, mark all holes through template onto mudguard. Remove template.

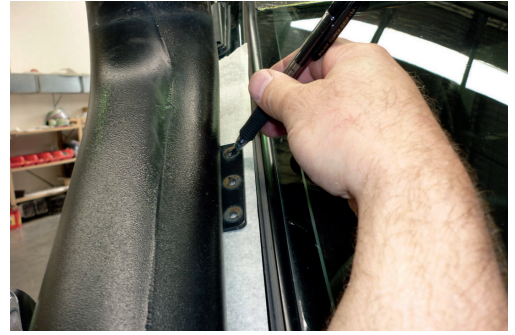
5. Drill mounting holes to 14mm and using a 110mm hole saw, cut the remaining hole for air entry hose.



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

7. Using thread-lock, screw all studs into snorkel body and temporarily attach pillar mounting bracket to snorkel using M6 bolts provided.

8. Hold snorkel body in position on mudguard and mark position of holes in bracket on pillar and remove snorkel. Remove bracket from snorkel.



9. Drill mounting holes in pillar to 7.5mm. Apply silicone sealant. Insert mounting plugs and attach mounting bracket using three self tapping screws provided. When drilling mounting holes, only drill through outer skin and no further.



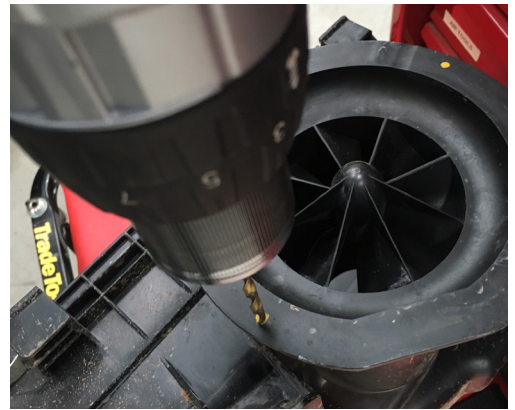
10. Install snorkel body to vehicle using M8 Nyloc Nuts and body washers provided and attach to pillar bracket using M6 bolts provided.

11. Attach rubber joiner to snorkel and secure in position with hose clamp provided.



12. Place air box adaptor onto air box intake and drill 4 evenly spaced holes for the supplied pop rivets.

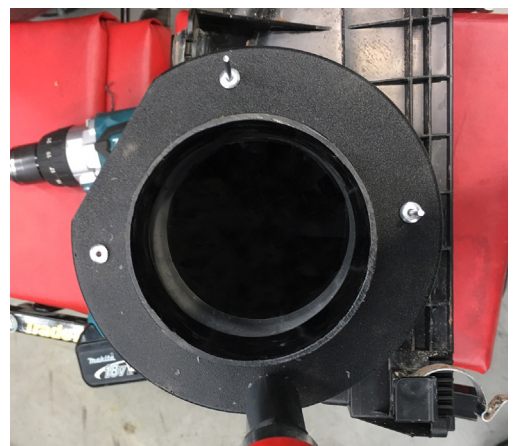
Note: See last page (6 of 6) of fitting instructions for optional modification to airbox for increased airflow.



13. Use sensor safe sealant to seal outer flange to air box intake on air box



14. Add sensor safe sealant to the air box adaptor and pop rivet to air box



15. Refit air cleaner assembly and attach to rubber joiner using hose clamp provided.

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

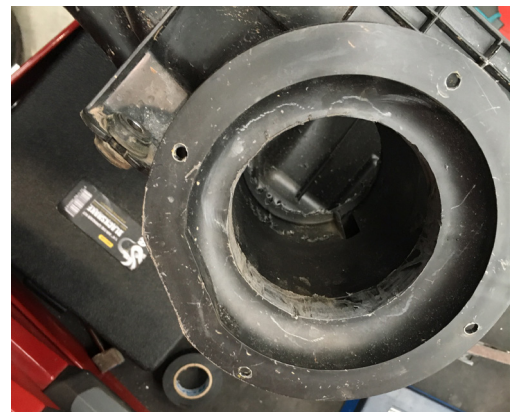
17. Re-fit guard liner.

18. Fit Ironman 4x4 Air Ram and secure with hose clamp provided.



OPTIONAL AIR BOX MODIFICATION FOR INCREASED AIRFLOW

1. Using the air hacksaw or similar, cut outer blades of air diffuser for removal.



2. Using the air hacksaw or similar, cut centre section of the inner air box inlet to allow more airflow

