



# INSTALLATION GUIDE

## ISNORKEL050

MITSUBISHI TRITON MQ  
4N15 2.4L Turbo Diesel



- Ironman 4x4 Snorkel fits to the right hand side of the Mitsubishi Triton.
- It will take about 3 hours to install.
- Below is a list of some required tools for installing your Ironman 4x4 Snorkel:
  - **Hole Saw (105mm)**
  - **Drill (7.5mm)**
  - **Step Drill**

**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. These instructions are for the MQ Triton Diesel only. Refer to headings throughout these instructions for directions specific to your vehicle. Check scale of the template to ensure accuracy.

2. Remove right hand front mudguard liner, mud flap, and air box assembly. Leave flair attached to mudguard.



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



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



5. Using felt tip pen, mark all holes through template onto mudguard.



6. Remove template and drill all 5 mounting holes to 12mm (ensure drill does not damage the wiring loom located behind the mudguard). Using a 105mm 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).



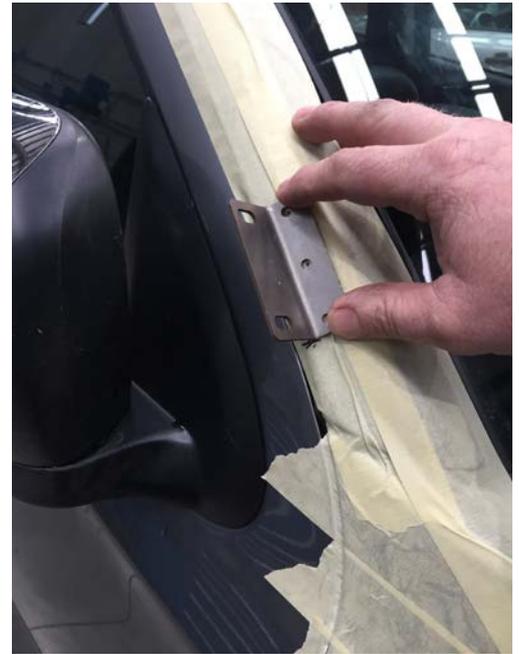
8. Using thread-lock screw all studs into snorkel body and attach pillar mounting bracket loosely to snorkel using M6 bolts provided.

9. Hold snorkel in position on mudguard and mark position of pillar bracket on pillar and remove snorkel. Remove bracket from snorkel.

10. Hold bracket in position previously marked on pillar and mark 3 mounting holes.

Drill mounting holes on pillar to 7.5mm. Apply silicone sealant and insert mounting plugs. Attach pillar bracket using the 3 self-tapping screws provided.

***Important: When drilling mounting holes only drill through outer skin and no further.***



11. Install air entry hose through inner guard into engine bay. Lubricating the rubber will assist in fitting. Place hose clamp over air entry hose, under mud guard.

Insert steel lock ring inside rubber duct to mid point as shown.



12. Install snorkel body to vehicle using M8 Nylock nuts and body washers provided. Attach pillar bracket using M6 bolts and washers provided. Attach air entry hose to snorkel and secure with hose clamp provided.



13. Remove factory air box adaptor from airbox as shown.



14. Apply sensor safe sealant to the larger side of the air box adaptor and insert into air entry hose and secure with hose clamp provided as shown.



15. Apply sealant to air box intake.

Refit air box into engine bay  
engaging airbox adaptor into air box.



16. Secure air box adaptor with self-drilling screw  
provided.



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

18. Re-fit guard liner.

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

