



INSTALLATION GUIDE

ISNORKELO36

HOLDEN COLORADO 2012+



- Ironman 4x4 Snorkel fits to the right hand side of the Holden Colorado 2012+.
- It will take about 3 hours to install.
- Below is a list of some required tools for installing your Ironman 4x4 Snorkel:
 - **Hole Saw (102mm)**
 - **Step Drill**
 - **Drill (7.5mm)**
 - **Spanner (13mm)**

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 air cleaner assembly, air entry duct (From under mud guard) right hand mud guard liner and mud flap.

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



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



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

6. Drill mounting holes to 16mm and using a 102mm hole saw, cut the remaining hole for air entry hose.



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

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

- Hold snorkel body in position on mudguard and mark position of mounting bracket on pillar and remove snorkel. Also remove bracket from snorkel.



- Hold mounting bracket against pillar in position previously marked and mark three mounting holes. Drill to 7.5mm



- Apply silicone sealant to holes, insert mounting plugs and attach mounting bracket to pillar using self tapping screws provided.



- Install snorkel body with foam gasket to vehicle using M8 Nylock Nuts and body washers provided and attach to pillar bracket using M6 bolts provided.



13. Apply a liberal bead of silicone around inside of air intake for air cleaner. Install air cleaner adaptor and secure in place using self tapping screw provided.



14. Assemble rubber elbow, plastic elbow and rubber joiner as shown and attach to snorkel body and air cleaner adaptor. Secure with hose clamps.

NOTE: Rubber elbow goes to air cleaner adaptor, rubber joiner goes to snorkel outlet.



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

18. Re-fit guard liner.

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

