

Snorkel assembly instructions



Introduction

This document describes the installation procedure for the Snorkel Moto Side Adventure for **Ural injection models since 2014**.

This device was designed to raise the engine's air intake and thus improve the vehicle's ability to traverse wet areas or moderate fords.

The Snorkel is easy to install and does not require any special tools..

The kit includes the following items :

- **Aluminium mounting bracket**
- **Protective rubber**
- **Complete set of screws**
- **Gabarit de perçage**
- **Shims**
- **Snorkel**

Required tools

- Flat and socket wrenches
- Phillips and flathead screwdriver
- Drill with appropriate drill bits
- Torque wrench
- Degreasing cleaner
- Hex wrench



⚠ Warning :

Moto Side Adventure accepts no responsibility for damage resulting from incorrect assembly, improper use, or excessive immersion of the vehicle.

The snorkel helps reduce the risk of water being drawn into the intake system during water crossings..

However, it does not guarantee total waterproofing and does not eliminate the risk of damage to the engine, fuel injection system, or electrical components in the event of prolonged or excessive immersion.

It is **highly recommended** to **raise the axle and gearbox breathers** before any use in deep fording conditions.

This product is intended for sensible off-road use and experienced users.
Before any operation, carefully read this entire manual.



Step 1 — Vehicle preparation

Objective : Remove the necessary components to access the installation area.

Description :

- Remove the side cover of your sidecar by pulling it off
- Remove the seat
- Unscrew the fuel tank in order to raise it



Remove the side cover by pulling on it and remove the seat.



Unscrew the screw on the tank to raise it.

Step 2 — Snorkel installation

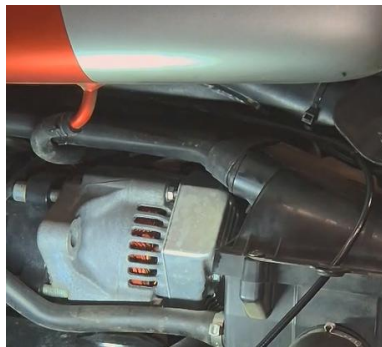
Objective : Mount the snorkel on the brackets and connect the intake hose.

Description :

- Remove the air sleeve from the air box
- Apply a bit of grease to the lower part of the snorkel (arrow in photo)
- Push back the anti-interference cable
- Pass the Snorkel behind the fuel tank terminal
- Pass the Snorkel over the fuel tank's connecting hose
- Insert the Snorkel into the airbox
- Place the rubber strip between the snorkel and the air box



Remove the air sleeve from the snorkel and grease the part to be fitted



Pass the snorkel behind the fuel tank terminal, then route it over the hose. Once inserted, position the rubber strap so that it sits over both the snorkel and the airbox.



Step 3 — Setting up the drilling template

Objective : Position the template to accurately drill the mounting points for the snorkel and the mounting bracket.

Description :

- Apply the provided template onto the left leg guard according to the indicated reference points.
- Check the alignment before drilling.
- Drill the holes to the specified diameter.



Step 4 — Installation of the mounting brackets

Objective : Attach the provided aluminum brackets.

Description :

- Reinstall the leg guard on its original mounting
- The leg guard should be positioned against the snorkel, you may need to adjust the position of the leg guard
- Insert shims if necessary between the leg guard and the snorkel
- Tighten the two screws to the recommended torque (4mm screws tightened to 2 Nm)
- Place the rubber strip on the U-shaped part of the mounting bracket
- Position the mounting bracket above the frame reinforcement bar without fully tightening the screws
- You may need to slightly adjust the mounting bracket to fit the leg guard as closely as possible
- Position the mounting bracket on the drilled points of the leg guard without fully tightening the screws
- Tighten the bracket screws to the recommended torque (5mm screws tightened to 3 Nm)



Step 5 — Final checks

Objective : To check the installation and ensure safety before use.

Description :

- Check that all fasteners are tight.
- Ensure that the snorkel does not touch any moving or hot parts.
- Start the engine and check for air leaks.



Tip : After your first drive, check that all screws are tight.

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Legal notice and disclaimer

The **Moto Side Aventure Snorkel** is an accessory intended for **off-road** use and **occasional crossing of shallow fords**..

It does not guarantee complete waterproofing of the engine or vehicle.

The installation and use of this product are the sole responsibility of the user.

Moto Side Aventure declines all responsibility for any direct or indirect damage that may result from :

- **Incorrect assembly** or that does not comply with the instructions in this manual
- **Improper use** or use beyond the product's design capabilities,
- **Unauthorized modifications** to the Snorkel or its mounting system,
- **Mechanical, electrical, or electronic damage** related to immersion, water infiltration, or intensive use in extreme conditions.

The user acknowledges that the Snorkel does not fully protect the engine, fuel injection system, or transmission components from water or mud.

Before any use in wet conditions, it is **strongly recommended that the deck and transmission breather pipes be refitted** and that the vehicle be checked for leaks.

Moto Side Aventure reserves the right to modify the design or specifications of the product without prior notice.

