



20/09/2021

New Zealand Snorkel Installation only Alternative A-pillar Bracket Attachment Method

Installation Guide

Safari recommends the following Snorkel models use the A-pillar attachment method as per the original fitting instructions.

- SS1060HF, SS1065HF, SS1066HF, SS1070HF
- SS1080HF
- SS385HF
- SS62HF, SS62HF-S5
- SS79HPV

Special Tools:

- Sikaflex 227 Adhesive Sealant
- Caulking Gun
- Masking Tape
- 80 - 120 Grit Sandpaper or Wire Wheel
- Prep-wash / Wax & grease remover

1 Surface preparation

Surfaces must be cleaned prior to the snorkel installation with soapy water then dried accordingly, the surfaces must be free from wax, grease, oils and dirt particles.

2 Application:

Pierce the membrane, cut off the tip of the nozzle to suit joint width and squeeze the tube to extrude the sealant into the joint, taking care to avoid air entrapment. Once opened packs should be used up within a relatively short time. Do not apply at temperatures below 5°C or above 40°C. The optimum temperature for substrate and sealant is between 15°C and 25°C.

3 Removal:

Removal Uncured Sikaflex®-227 Tube can be removed from tools and equipment with Sika® Remover- 208 or another suitable solvent. Once cured, the material can only be removed mechanically. Hands and exposed skin should be washed immediately using Sika® Cleaner-350H Towel or a suitable industrial hand cleaner and water. Do not use solvents!

4 Please Note:

All images used in these instructions are a generic vehicle A-pillar Bracket photos, the same procedures need to be followed for all variations of A-pillar bracket attachment in New Zealand as an alternative to drilling and screwing the A-pillar Bracket to the A-pillar panel.

5

Install the snorkel body onto the guard panel as per the installation instructions, do not install the A-pillar bracket.

6

Using 80 – 120 grit sandpaper or a wire wheel remove the powder coat from the base of the A-pillar bracket as shown.

Clean the A-pillar bracket surface with soapy water and dry accordingly.



Powder Coating Removed

7

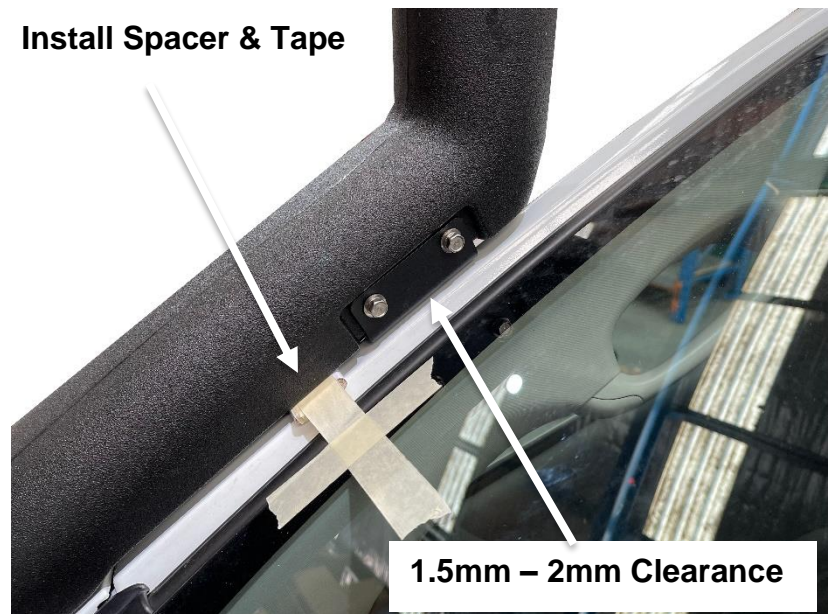
Install the A-pillar Mounting Bracket to the snorkel body using the M6 x 14mm sems bolts.

The A-pillar bracket requires a gap of 1.5mm to 2.0mm approximately to the A-pillar panel, make a spacer to space the snorkel body off the A-pillar panel to achieve the required bracket clearance. Loosen and adjust the bracket if required to achieve an even gap to the A-pillar panel.

With correct clearance achieved tape the spacer into position with masking tape.

Hint: cut the used guard panel template into 25mm strips and fold to the desired thickness to use as the spacer.

Install Spacer & Tape



8

Apply masking tape to either side of the A-pillar to protect the areas of the A-pillar panel from any excess Sikaflex 227 Adhesive Sealant.



9

The snorkel body will need to be held off the A-pillar panel to gain access for the Sikaflex 227 nozzle.

Using a rolled-up piece of masking tape, pull the snorkel body away from the A-pillar and wedge the masking tape packer between the A-pillar and snorkel body.



10

Apply Sikaflex 227 Adhesive Sealant to A-pillar bracket and A-pillar panel.

Removed the packer from the end of the snorkel body and push the snorkel body into the spacer (installed in step: 7), using prep wash clean-up any excess Sikaflex 227, if required apply more Sikaflex 227.



11

Remove the strips of masking tape from the A-pillar panel and clean-up any excess Sikaflex 227 to achieve a neat finish.

Tape the snorkel body to the vehicle with masking tape to hold the snorkel body into spacer whilst the Sikaflex 227 cures.

Record the time of application and allow the Sikaflex to cure for a **MINIMUM OF 24 HOURS.**

(N.B: Curing time will vary depending on ambient temperature and thickness)

Hold In Position with Masking Tape.



12

Once curing time is achieved remove the masking tape from the snorkel body, cleanup the windscreen and A-pillar panel from any masking tape residue.



13

The joint will need to be visually checked on a regular basis to ensure the attachment of the bracket to A-pillar panel is still intact.