



SS223HF

SAFARI V-SPEC SNORKEL
To Suit: TOYOTA HILUX (Sept 2025 - Onwards)
2.8L Turbo Diesel D-4D (1GD-FTV Engine)
2.8L Turbo Diesel D-4D - 48V Hybrid (1GD-FTV)



Update Release 10/07/2026

Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	323-133-000	BODY - SNORKEL	1
2	000-135-800	3 ½" AIR RAM ASSEMBLY	1
3	322-032-600	BRACKET - UPPER MOUNTING (SS123HP)	1
4	000-002-100	BOLT - HEX - 6mm x 1.0 x 14mm (SEMS)	2
5	000-951-300	SCREW - S/T - 4.2mm x 16mm - S/S	3
6	000-960	INSERT - PLASTIC	3
7	000-110	STUD - 8mm x 1.25 x 25mm - S/S	5
8	000-311-300	WASHER - BODY - 8mm x 30mm - S/S	5
9	000-205-300	NUT - NYLOC - 8mm x 1.25mm - S/S	5
10	323-024-000	HOSE - AIR ENTRY	1
11	000-910	CLAMP - HOSE - 90/110mm	1
12	000-1912	CLAMP - HOSE - 110/130mm	1
13	000-914/B	CLAMP - HOSE - SIZE 56 (BLACK)	1
14	323-017-000	TEMPLATE - GUARD PANEL	1

Installation Guide

Fitment to:

- Right Hand Side

Fitting Time:

- 120min

Special Tools:

- Body Saw (reciprocating)
- Step Drill
- Files
- Die Grinder
- Loctite 243 (thread lock)
- Masking Tape
- Touch-up paint
- 4.0, 8.0 & 10mm Drill Bits

Prior to commencing the installation, it is the installer's responsibility to verify that all components and particularly the template (Item 14) are correct.

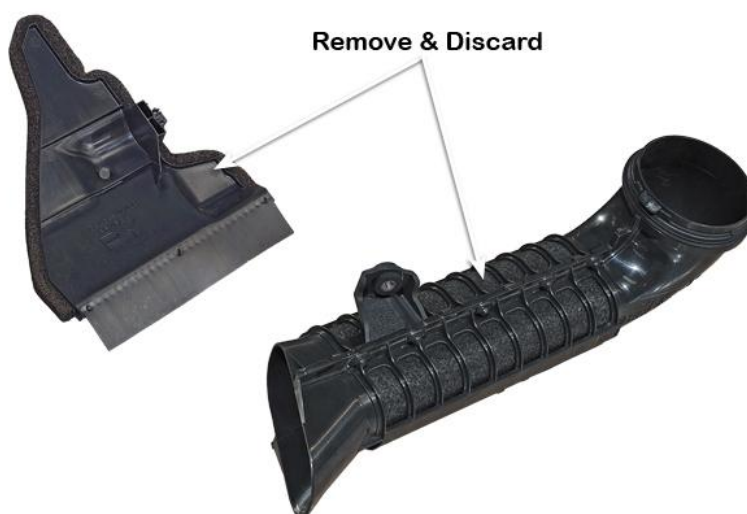
- 1 Remove the following in accordance with the factory service manual:

- Air Cleaner Assembly
- RHS Mud Flap
- RHS Guard Liner

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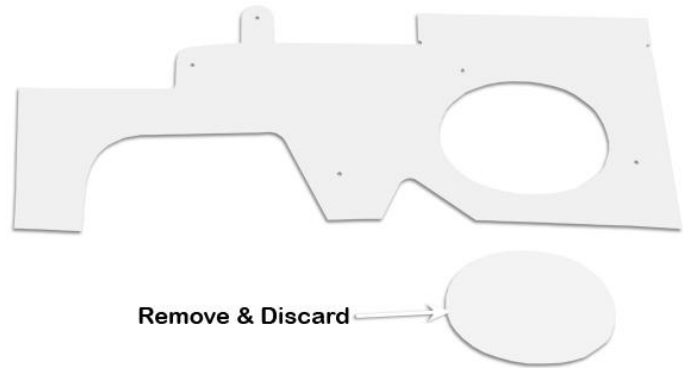
Remove and discard

- Air intake ducting
- Air Deflector (Optional)



Note: Air deflector can be re-installed after snorkel installation if preferred.

Remove and discard the perforated section from the guard panel template (Item 14) as shown.

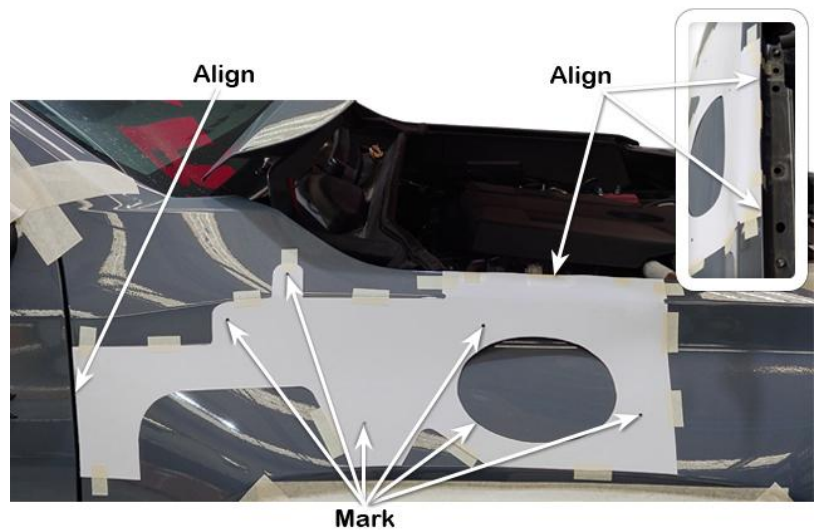


Align the guard panel template (Item 14) with the upper and rear edges of the RHS guard panel as shown.

Tape the template to the guard panel with masking tape.

Mark all hole positions and the outlet snout cut section with a felt tip pen.

Remove the template.

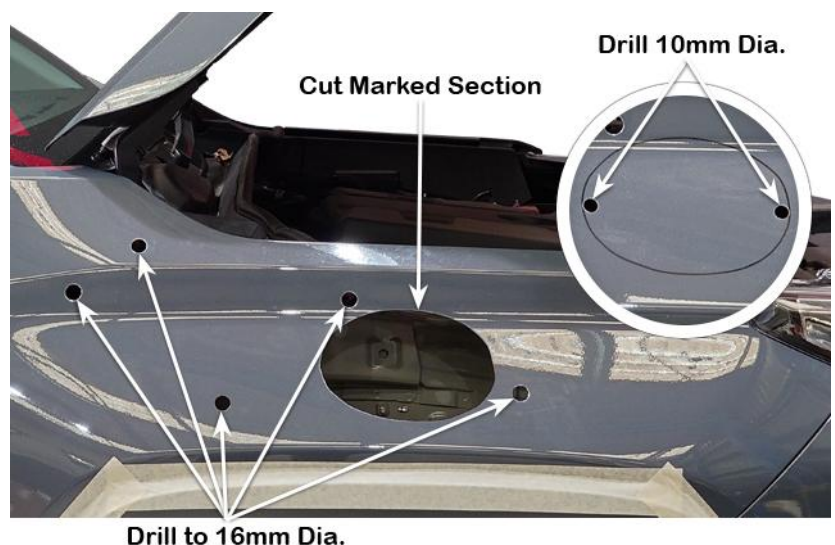


Drill a pilot hole for each of the marked hole positions.

Drill two 10mm diameter holes within the snorkel outlet cutout section as start entry points for the body saw, use the body saw to cut away the marked section of the guard panel.

Use a step drill to drill the five mounting holes to 16mm diameter.

Deburr and paint all holes.



Using a body saw, cut off the lower section of the air inlet duct mounting bracket from the inner guard panel, as shown.

Deburr and paint the cut edge to prevent rust.



Trim Mount Bracket

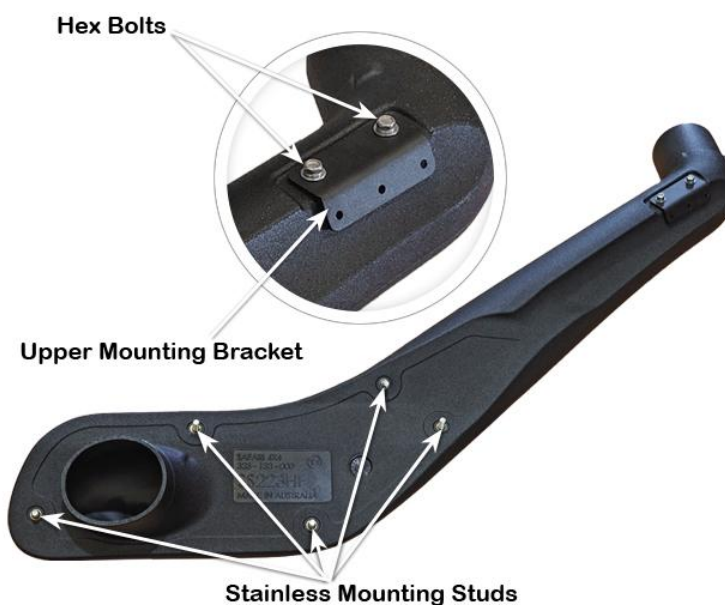
NEW ZEALAND INSTALLATIONS ONLY :

Safari have developed 2 methods of Snorkel A pillar attachment, for the conventional method please proceed with the current document alternatively please see the link below for further instructions.

www.safari4x4.co.nz/apillarmounting

Install the upper mounting bracket (Item 3) to the snorkel body (Item 1) with hex bolts (Item 4).

Apply Loctite 243 to each of the stainless steel mounting studs (Item 7) and install the studs finger tight into the snorkel body (Item 1) mounting inserts as shown.



Place a strip of masking tape along the A-pillar panel.

Carefully install the snorkel body (Item 1) to the guard panel & secure.

With the snorkel body correctly positioned & secured on the vehicle, accurately mark the position of the upper mounting bracket (Item 3) onto the masking tape.

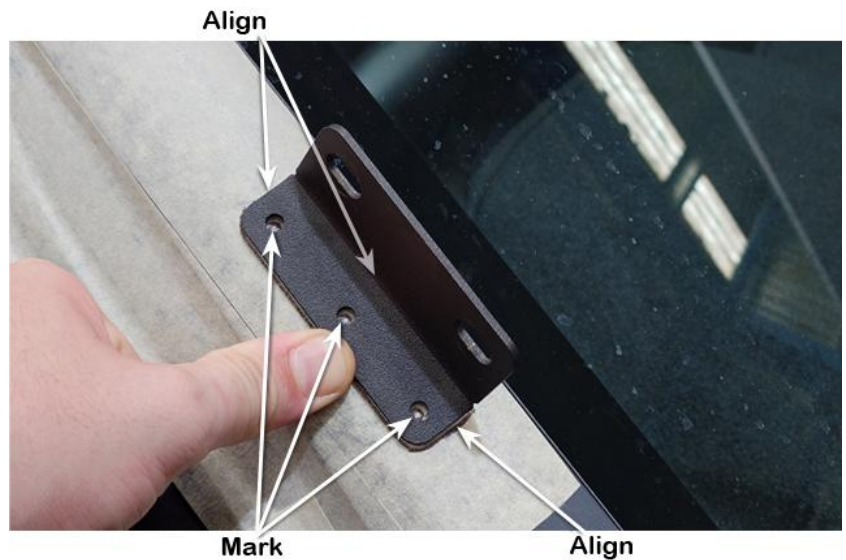


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Remove the snorkel body (Item 1) from the vehicle and remove the upper mounting bracket (Item 3) from the snorkel body.

Position the upper mounting bracket (Item 3) onto the A-pillar and align the bracket with the marked bracket outline.

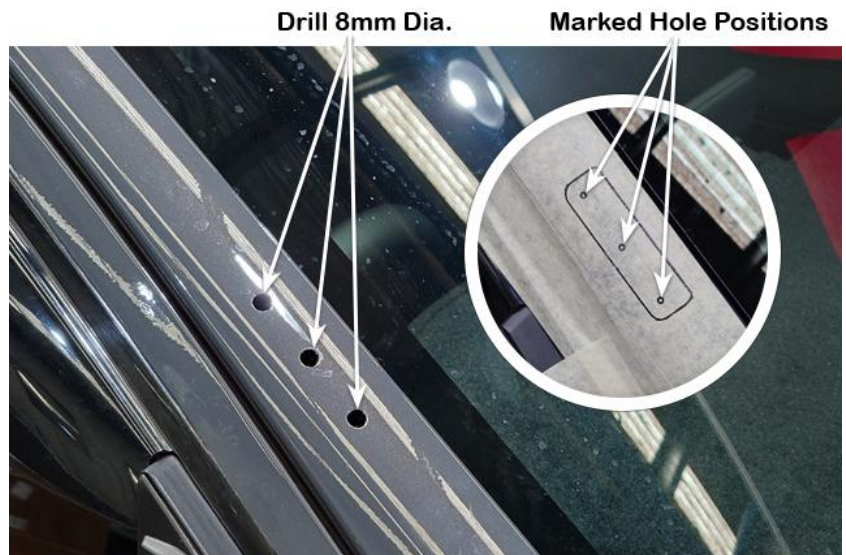
Mark the three mounting hole positions with a felt tip pen.



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Drill a pilot hole at each of the three marked hole positions. Drill each hole position to 8mm diameter using an 8mm drill bit.

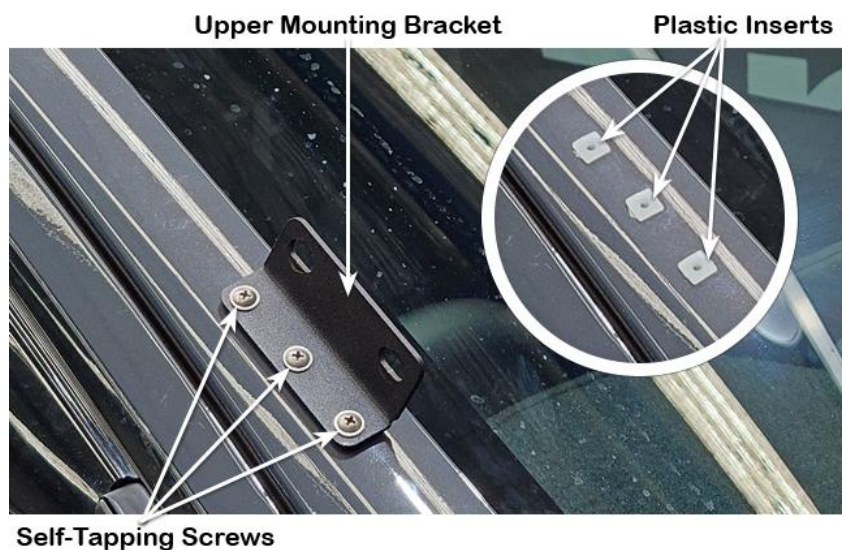
Deburr and paint holes.



11

Install the plastic inserts (Item 6) into the 8mm diameter holes in the A-pillar.

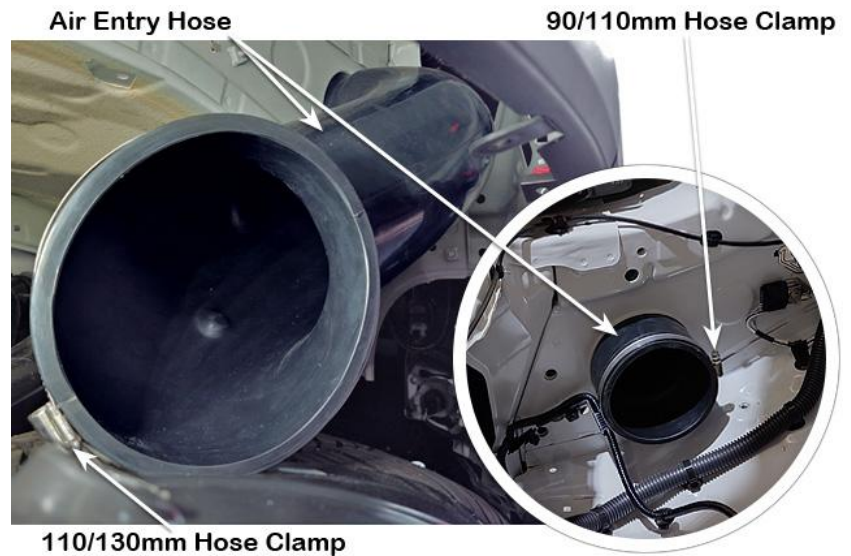
Secure the upper mounting bracket (Item 3) to the A-pillar with the three self-tapping screws (Item 5).



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Install the air entry hose (Item 10) through the hole in the inner guard panel.

Loosely install the 90/110mm hose clamp (Item 11) onto the outlet of the air entry hose and the 110/130mm hose clamp (Item 12) onto the inlet of the air entry hose.



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Scribe a line around the pre-spinner flange as shown.

Carefully remove the pre-spinner assembly, using the body saw cut along the scribed line removing the outer section of the pre-spinner flange.

Neaten the cut with a file or grinder.

Re-install the pre-spinner and file/grind off the two locating tabs so the tabs are flush with the air cleaner inlet.

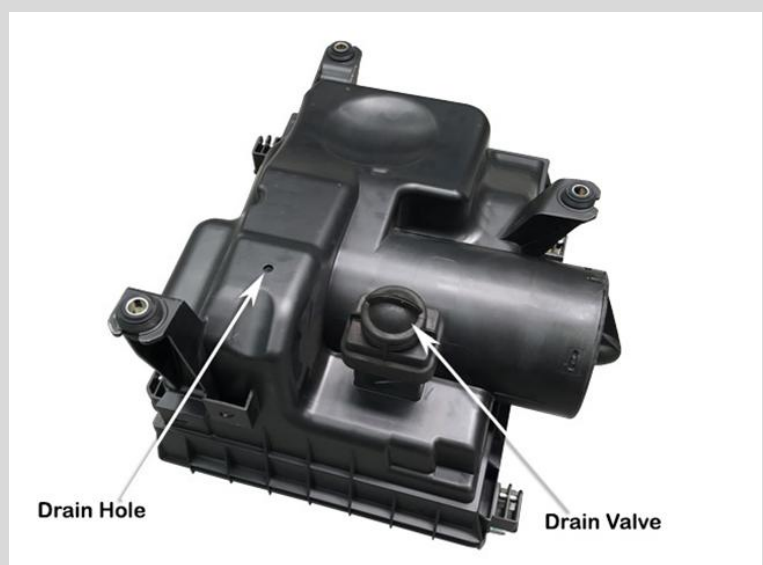


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INSTALLER OPTION :

The air cleaner housing base contains a drain valve and drain hole as shown. The drain valve and drain hole can permit water to enter the air intake.

Safari advises that the drain valve and drain hole should be sealed to ensure a watertight installation.



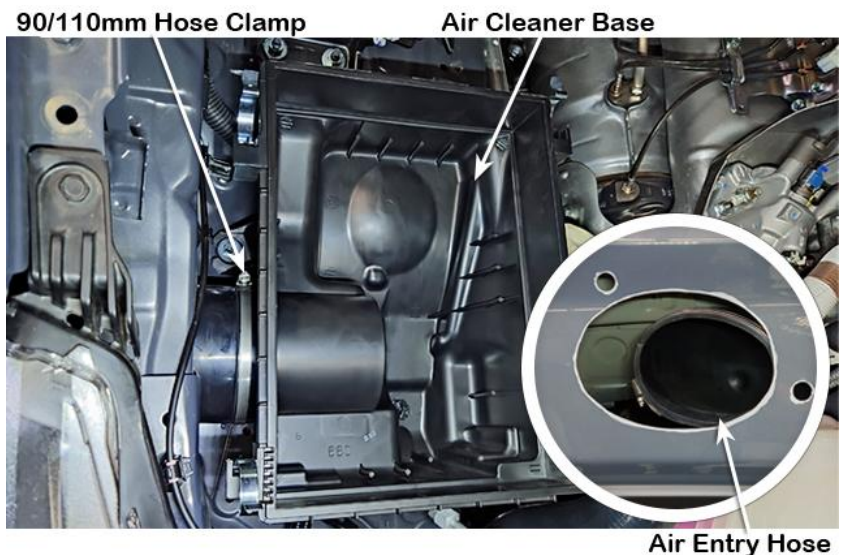
15

Re-install the modified air cleaner housing into the vehicle, guiding the air cleaner inlet into the air entry hose.

Fasten the air cleaner housing using standard mounting bolts.

Align the inlet of the air entry hose (Item 10) to the snorkel body outlet cutout in the guard panel, as shown.

Gently tighten the 90/110mm hose clamp (Item 11) at the air cleaner base inlet to keep the air entry hose in position.



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Carefully install the snorkel body (Item 1) to the guard panel guiding the snorkel outlet into the air entry hose and aligning the body to the guard panel and upper mounting bracket.

When correctly aligned, fasten the snorkel body to the guard panel with the 5 x body washers (Item 8) and nyloc nuts (Item 9).

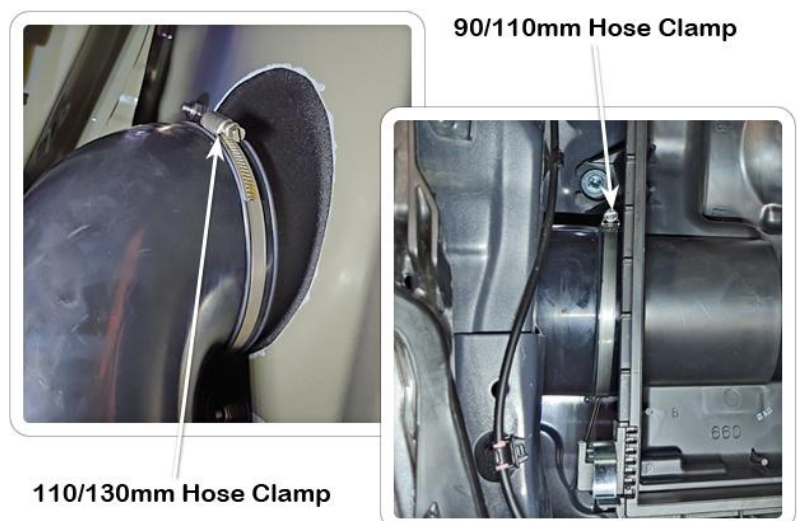
Fasten the snorkel body to the upper mounting bracket with hex bolts (Item 4).



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Align the air entry hose for best fitment (*Ensure the air entry hose is installed closely against the shoulder of the snorkel body outlet*).

Correctly position the 90/110mm & 110/130mm hose clamps (Item 11 & 12) at either end of the air entry hose, as shown, and tighten.



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Install the black hose clamp (Item 13) loosely over the base of the air ram assembly (Item 2).

Install the air ram assembly onto the snorkel body.

Align the air ram assembly and tighten the black hose clamp (Item 13).



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Install the guard liner, mud flap, air cleaner element, air cleaner lid, reconnect sensor wiring and any other items that may have been removed during the snorkel installation process.

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N.B: It is the installer's responsibility to ensure that all connections are watertight.