



SAFARI V-SPEC SNORKEL

SS395HF

04/02/03

ITEM	DESCRIPTION	QTY	PART NO
1	BODY - SNORKEL	1	830-133-600
2	3" AIR RAM ASSEMBLY	1	000-135-050
3	BRACKET - UPPER MOUNTING	1	830-032-600
4	STUD - S/S 8mm x 1.25mm x 25mm O/L	6	000-110
5	WASHER BODY 8mm x 30mm	6	000-311
6	NUT - NYLOC 8mm x 1.25mm	6	000-205
7	BOLT - HEX 6mm x 1.0mm x 14mm (SEMS)	3	000-002-100
8	POP RIVET 4mm x 16mm	5	000-958-200
9	ADAPTOR - AIR ENTRY	1	830-023-700
10	TEMPLATE - INNER	1	830-217-000
11	TEMPLATE	1	830-017-600
12	HOSE CLAMP - SIZE 48 (BLACK)	1	000-918/B

WARNING!!

**IT IS AN INSTALLER
RESPONSIBILITY TO VERIFY
ALL COMPONENTS, AND
PARTICULARLY THE
TEMPLATE ARE CORRECT,
BEFORE STARTING ANY PART
OF THE SNORKEL
INSTALLATION.**

**(CHECK TEMPLATE AGAINST
SNORKEL BODY)**



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SS395HF

LANDROVER DISCOVERY TD5 (DIESEL) & 4.0L V8 (PETROL)

FITMENT TO:	LEFT HAND SIDE
FITTING TIME:	APPROXIMATELY 120 MINUTES
SPECIAL TOOLS:	70 MM HOLE SAW AIR HACKSAW STEP DRILL POP RIVET GUN SENSOR SAFE SILICONE SEALANT

INSTRUCTIONS

- 1/ REMOVE: Left hand front wheel arch liner.
Air entry duct.

- 2/ Tape the template to the upper rear corner of the left hand guard. Using a felt tip pen mark the hole positions on the guard, remove template.

- 3/ Drill a 4.5mm pilot hole for each hole position.
Using the step drill, drill the 6 snorkel mounting holes to 16mm, drill the two main holes to 70mm with the holesaw. Mark a straight line top and bottom between the two holes, cut away the remaining piece of panel between the two holes using the air hacksaw. Deburr and paint all holes.

- 4/ Place the inner template (Item No. 10) over the air entry duct mounting studs. Using a felt tip pen mark the hole position, remove template and drill a 4.5mm hole, deburr and paint hole.

- 5/ Bolt upper mounting bracket to the snorkel body, screw the 6 mounting studs into the snorkel body inserts, position air entry adaptor (Item No. 9) into position in the inner guard, carefully position the snorkel body onto the guard, guiding the snorkel snout into the air entry adaptor. Fasten snorkel body to the guard with a couple of nuts and washers. Ensure that all mounting studs have adequate clearance to mounting holes.
(filing of holes to gain clearance may be necessary).



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- 6/ Holding the air entry adaptor in position, mark the hole position through the inner guard onto the adaptor, remove snorkel body, air entry adaptor from vehicle. Drill the hole position marked on the air entry adaptor to 4.5mm.
- 7/ Apply a liberal amount of sensor safe silicone sealant to the sealing surface of the air entry adaptor, install the air entry adaptor into position and secure using pop rivet supplied.

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

- 8/ Apply a liberal amount of sensor safe silicone sealant around the end of the snorkel snout and air entry adaptor inlet. Carefully position the snorkel body onto the guard, guiding the snorkel snout into the air entry adaptor. Using necessary hardware secure the snorkel body to the guard.
Apply more sealant if required to ensure the snorkel snout to inner guard has a water tight seal.
- 9/ Line the upper mounting bracket up with the inside edge of the plastic 'A' pillar moulding (to achieve bracket to moulding edge alignment, the top of the snorkel body may need to be pushed towards the 'A' pillar) mark the 4 hole positions on the 'A" pillar moulding, remove bracket and drill a 4.5mm hole for each hole position.
- 10/ Re-fasten upper mounting bracket onto the snorkel body, fasten upper mounting bracket to the 'A' pillar using pop rivets supplied.
- 11/ Install air ram assembly to snorkel body and fasten.
Refit wheel arch liner.

Refit air entry duct.

N.B SEALING OF AIR DUCTING JOINTS AND AIR CLEANER HOUSING.

Sealing of ALL air ducting joints, air cleaner housing entry snout and air cleaner housing drains is at the owners/installers discretion.

FAILURE TO USE A SENSOR SAFE SILICONE SEALANT WILL CAUSE SENSOR CONTAMINATION.

Model No: SS395HF 13/09/99
 Description: LANDROVER DISCOVERY (TD5 DIESEL, 4.0L V8 PETROL)
 Sub Assembly: SAFARI SNORKEL

