



SAFARI R-SPEC SNORKEL

SS135RD

01/04/15

ITEM	DESCRIPTION	QTY	PART No.
1	BODY-SNORKEL	1	315-133-500R
2	3 ½" AIR RAM ASSEMBLY	1	000-135-650
3	BRACKET-UPPER MOUNTING	1	315-032-500
4	BOLT-HEX 6mm x 1.0mm x 14mm	3	000-002-100
5	SCREW – S/T 4.2mm x 13mm	3	000-951
6	BODY CLIP – PLASTIC	3	000-960
7	HOSE-AIR ENTRY	1	315-024-500
8	STUD – S/S 8mm x 1.25mm x 25mm O/L	5	000-110
9	WASHER- BODY 8mm x 30mm	5	000-311-300
10	NUT-NYLOC 8mm x 1.25mm	5	000-205-300
11	CLAMP-HOSE 70/90mm	2	000-908
12	TEMPLATE	1	315-017-500
13	HOSE CLAMP- SIZE 56 (BLACK)	1	000-914/B
14	JOINER – STEEL 70mm O.D x 40	1	315-025-400
15	POP RIVET – 5.0mm x 12mm	3	000-958-300
16	HOSE – RUBBER – 70mm ID x 25mm	1	000-804-100
17	SLEEVE – AIR INLET (S/S)	1	315-025-500

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)**



SAFARI R-SPEC SNORKEL

SS135RD

TOYOTA HILUX – 2.8 LITRE DIESEL (3L Engine)

- Fitment to:** Right hand side
- Fitting time:** Approximately 120 minutes
- Special tools:** 92mm hole saw
Air hacksaw
Step drill

Instructions:

1. Remove:
Inner guard liner
Air cleaner assembly
Air entry ducting
Indicator assembly
2. Tape the template to the upper rear corner of the right hand guard, using a felt tip pen mark all hole positions (including the cut away section). Remove the template.
3. Drill a pilot hole for each hole position. Using the step drill, drill the 5 snorkel mounting hole positions to 16mm, using the 92mm holesaw, drill the main hole, using the air hacksaw, enlarge the main hole as per the template cut away section. De-burr and paint all holes.

4. Screw the 5 mounting studs into the snorkel body inserts; fasten the upper mounting bracket to the snorkel body using necessary hardware. Carefully position the snorkel body onto the guard, with the snorkel body correctly positioned mark the 3 mounting bracket hole positions on the 'A' pillar (the bracket should run parallel with the windscreen rubber), holding the snorkel body in position carefully open the front door and check the snorkel body and mounting bracket has adequate clearance to the door frame.
5. Remove the snorkel body and drill the 3 marked hole positions on the 'A' pillar to 8mm. De-burr and paint holes. Insert plastic clips into the 'A' pillar.
6. Remove the plastic elbow section from the air cleaner inlet duct by drilling out the pop rivet, insert the steel joiner (Item No. 14) into the air cleaner inlet duct and mark the 3 hole positions. Remove the steel joiner and drill the 3 marked hole positions to 5.0mm. Apply silicone to the steel joiner and insert into the inlet duct, secure the steel joiner into position using pop rivets supplied (Item No.15). Position rubber hose (Item No.16) onto steel joiner.
7. Position the snorkel body onto the guard, with the snorkel body correctly positioned, fasten to the guard using necessary hardware, fasten upper mounting bracket to the 'A' pillar, position the air entry hose (Item No.7) onto the snorkel snout and mark the required trim length, remove the hose and trim to required length.
8. Re-install the air cleaner assembly and air inlet duct to the vehicle; apply lubricant to either end of the air entry hose. Install hose onto the snorkel body snout and air cleaner inlet duct, with the hose correctly positioned fasten the hose clamps.
9. Position the air inlet sleeve (Item No.17) onto the snorkel body and secure into position using silicone adhesive (refer to drawing). Install air ram assembly and fasten.

N.B. Do not install NO.17 to turbocharged diesel engines.

10. Re-install inner guard liner, indicator assembly.

N.B. it is the installer's responsibility to ensure all connections are water tight.

SAFARI

4X4 ENGINEERING

Model No: **SS135RD**

Description: TOYOTA HILUX 2.8L Diesel (3L Engine)

Sub Assembly: SAFARI SNORKEL

230362

