



## SAFARI R-SPEC SNORKEL

**SS82R**

11/02/2019

ITEM	DESCRIPTION	QTY	PART NO.
1	BODY - SNORKEL (SS82)	1	375-133-450R
2	3 ½" AIR RAM ASSEMBLY	1	000-135-800
3	BRACKET - UPPER MOUNTING	1	375-032-400
4	BOLT HEX 6mm x 1.0mm x 14mm	2	000-002-100
5	SCREW - S/T 4.2mm x 13mm - S/S	3	000-951
6	CLIP - BODY (PLASTIC)	3	000-960
7	STUD - S/S 8mm x 1.25mm x 25mm O/L	7	000-110
8	WASHER - BODY 8mm x 30mm - S/S	7	000-311-300
9	NUT - NYLOC 8mm x 1.25mm - S/S	7	000-205-300
10	HOSE - AIR ENTRY	1	375-024-000
11	CLAMP - HOSE 80/100mm	2	000-909
12	HOSE CLAMP - SIZE 56 (BLACK)	1	000-914/B
13	TEMPLATE - GUARD PANEL	1	375-017-450

# **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

# SS82R

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**TOYOTA LANDCRUISER 80 SERIES**

**(ALL MODELS)**

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**Fitment to:** Right hand side

**Fitting time:** Approximately 120 minutes

**Special Tools:** **108mm** Holesaw  
Step Drill  
Files  
CRC or similar lubricant  
Loctite 243 (thread lock)  
Masking Tape, Touch-up paint & Felt Tip Pen

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**Prior to commencing the installation, it is the installer's responsibility to verify that all components and particularly the template (Item 13) are correct.**

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### **Instructions:**

1. Remove: Air cleaner assembly  
Right hand indicator assembly  
Right hand side guard indicator  
Standard Air Inlet Ducting

2. Align the guard panel template (Item 13) to the upper and rear edges of the right hand guard panel as shown. Tape the template to the guard with masking tape. Mark all hole positions with a felt tip pen. Remove the template.
3. Drill a pilot hole for each of the marked hole positions. Using the step drill, drill the 7 mounting hole positions to 16mm diameter. Using the 108mm holesaw, drill the main hole position. Ensure that the hole saw is square to the guard panel whilst drilling (holesaw cutting on both top and bottom surfaces of the guard panel). Deburr and paint all holes.
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. Fasten the upper mounting bracket to the snorkel body with hex bolts (item 4).
5. Place a strip of masking tape along the A-pillar panel. Carefully position the snorkel body onto the guard, with the snorkel body correctly positioned on the guard, mark the position of the upper mounting bracket onto the masking tape. Remove the snorkel body from the vehicle.
6. Remove the upper mounting bracket from the snorkel body, position the upper mounting bracket onto the 'A' pillar. Align the bracket with the marked bracket outline, mark the 3 mounting hole positions with a felt tip pen. Remove the bracket, drill a pilot hole for each of the marked hole positions, using a step drill or 8mm drill bit, drill the 3 marked hole positions on the A-pillar to 8mm, deburr and paint holes.
7. Install the plastic body clips (item 6) into the 8mm diameter holes in the A-pillar. Fasten the upper mounting bracket (item 3) to the 'A' pillar with 3 self-tapping screws (item 5).
8. Align the snorkel body to the guard panel and upper mounting bracket, with the snorkel body correctly aligned, fasten the snorkel body to the guard panel with body washers (item 8) and nyloc nuts (item 9). Fasten the snorkel body to the upper mounting bracket with hex bolts (item 4).

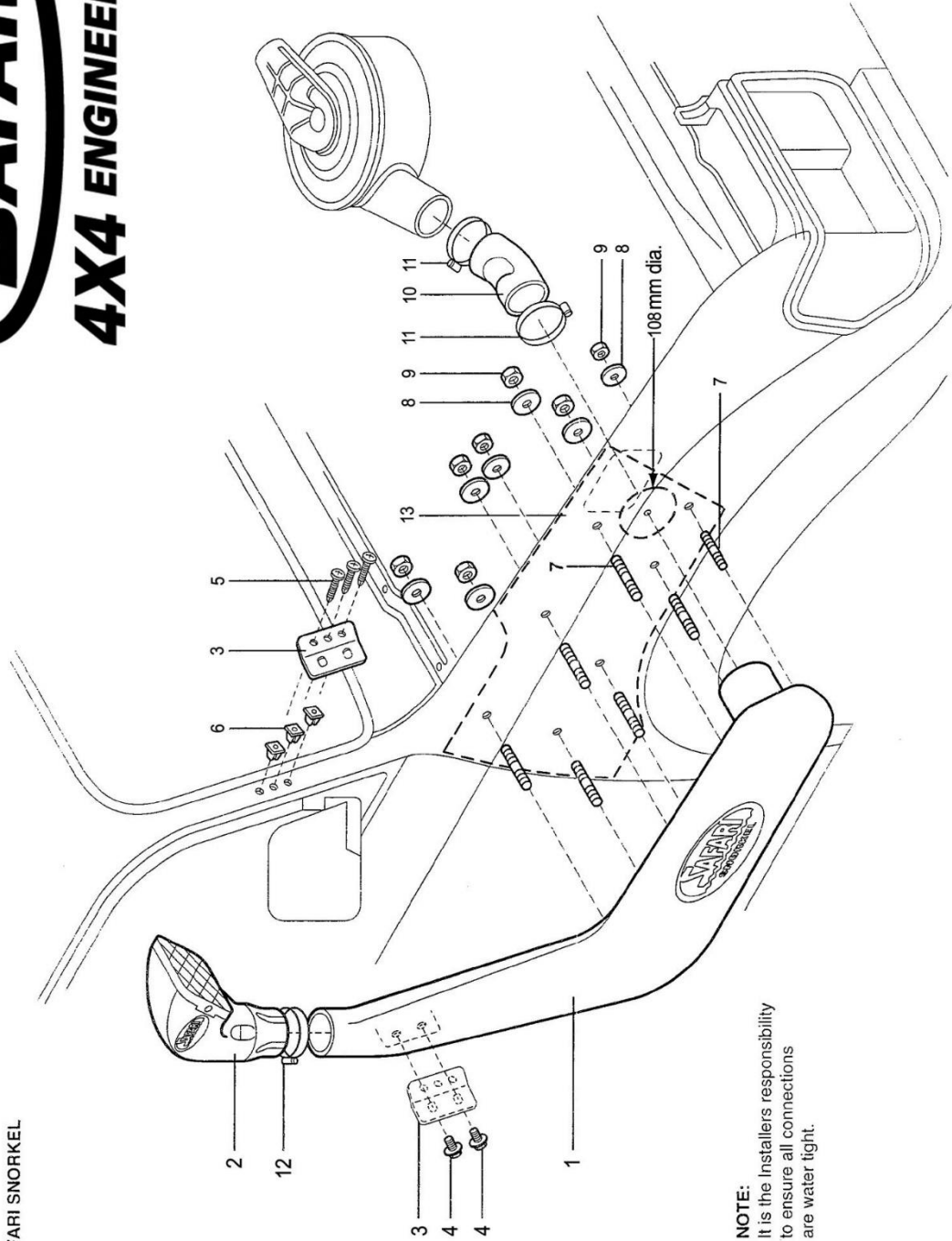
9. Apply a small amount of lubricant to both ends of the air entry hose (item 10). Loosely install an 80/100mm hose clamp (item 11) to either end of the air entry hose (item 10), install the air entry hose onto the snorkel body outlet snout. Re-install the air cleaner assembly into the vehicle, guiding the air cleaner inlet into the air entry hose. Fasten the air cleaner assembly with the standard mounting bolts.
  
10. Align the air entry hose (item 10) for best fitment (ensure the hose is correctly installed onto the air cleaner inlet snout), orientate the two 80/100mm hose clamps (item 11) on the air entry hose and tighten the hose clamps. **Note: Do not overtighten the hose clamp on the air cleaner inlet snout.**
  
11. Loosely install the black hose clamp (item 12) to the base of the air ram assembly (item 2). Install the air ram assembly onto the snorkel body inlet (item 1). Align the air ram assembly and tighten the black hose clamp (item 12).
  
12. Re-install the guard mounted indicator, indicator assembly and any of parts that may have been removed during the installation process of the snorkel.
  
13. ***N.B: It is the installer's responsibility to ensure that all connections are watertight.***



Model No: SS82R 11/02/2019

Description: TOYOTA LANDCRUISER 80 SERIES (all models)

Sub Assembly: SAFARI SNORKEL



**NOTE:**  
It is the installers responsibility  
to ensure all connections  
are water tight.