



## SAFARI R-SPEC SNORKEL

**SS65R**

01/04/15

ITEM	DESCRIPTION	QTY	PART NO.
1	BODY - SNORKEL	1	305-133-000R
2	3" AIR RAM ASSEMBLY	1	000-135-050
3	BRACKET - UPPER MOUNTING	1	305-032-000
4	CLIP - BODY - PLASTIC	3	000-960
5	SCREW – S/S – 4.2mm x 13mm	3	000-951
6	BOLT - HEX - 6mm x 1.0 x 14mm	2	000-002-100
9	STUD – S/S – 8mm x 1.25 x 25mm O/L	3	000-110
10	WASHER – BODY – 8mm x 30mm	3	000-311-300
11	NUT – NYLOC – 8mm x 1.25	3	000-205-300
12	HOSE – SILICONE – 6mmID x 130mm	1	000-800-500E
13	CLAMP – HOSE – 50/70	2	000-906
14	EDGING – RUBBER – 400mm	1	000-953-040
15	GASKET – BODY	1	305-016-000
16	SLEEVE – AIR INLET	1	315-025-000
17	TEMPLATE	1	305-017-000
18	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)**



## SAFARI R-SPEC SNORKEL

# SS65R

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TOYOTA HILUX LN65

2L DIESEL (2.4L)  
3Y PETROL (2.0L)  
4Y PETROL (2.2L)

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**Fitment to :** Left hand side

**Fitting time:** Approximately 90 minutes

**Comments :** Does not fit where after market radio antennas are fitted.  
Does not fit 4YE engines

**Special Tools :** 86mm Holesaw  
Tape measure

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### Instructions :

1. Remove the air cleaner assembly and left hand front wheelarch liner from the car. On petrol vehicles, the ignition coil should be unbolted and moved aside.
2. Tape the template into position on the upper rear corner of the guard. Using a felt pen, mark the hole positions. Remove the template. Use a tape measure to measure the inner hole dimensions. From the firewall forward 320mm, and down 60mm from the underside of the fender mounting lip. Mark the location where these dimensions intersect. Re-check the dimensions 3 or 4 times to be sure.
3. Drill a 4mm pilot hole for each of the marked positions. The 3 smaller lower mounting holes are to be drilled 16mm using a stepdrill. The main outer hole and the inner hole are to be cut 86mm using a holesaw. The drill should be held horizontal while cutting this hole. (**Beware** of the wiring loom in the upper wheelarch cavity while drilling the inner hole). Deburr all the holes to leave a smooth edge.

4. Bolt the upper mounting bracket to the snorkel body. Screw the stainless steel studs into the inserts in the back of the snorkel body. Sit the snorkel in position on the vehicle and mark the upper bracket location on the “A” pillar. Remove the snorkel from the vehicle.
  5. Remove the bracket from the snorkel. Position the bracket on the “A” pillar and mark the hole positions. Remove the bracket, then drill the holes to 8mm.
  6. Paint all holes to prevent rust.
  7. Apply a thin film of silicone to the back face of the snorkel body. Sit the gasket in position on the snorkel, and press firmly to adhere it to the silicone. Fit rubber edging around the inner hole. Insert the plastic body clips into the “A” pillar and secure the upper bracket in position using the black S/T screws.
  8. Position the snorkel on the vehicle and secure using the appropriate hardware. Spray some lubricant down the inside of the connection hose, and slide the hose into the snorkel snout. Place 2, 50/70 clamps at each end of the hose.
  9. On diesel vehicles (naturally aspirated engines) air inlet sleeve (Item no: 16) will need to be fitted, refer to drawing. Install air ram assembly to the snorkel body and fasten.
- N.B.: Do not fit air inlet sleeve (Item no: 16) to turbo diesel or petrol engine vehicles**
10. Refit the wheelarch liner to the vehicle. On a petrol vehicle, the ignition coil may have to be relocated to a convenient location.

### **Special Notes:**

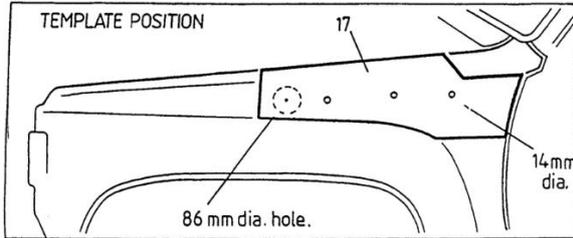
After installation it is advisable to test drive and check for excessive noise.

If noise is a problem:-

- Check the snorkel is sitting correctly on the vehicle. Incorrect positioning could cause the snorkel to resonate.
- Check the air inlet sleeve is correctly fitted. (Naturally aspirated diesel engines only).
- Check that the lower mounting studs and rubber duct have adequate clearance in their mounting holes, as this is the most common cause.
- Check that the radio antenna is **not** touching the snorkel body. (Aftermarket antennas may have to be replaced if they are incompatible).

# SAFARI

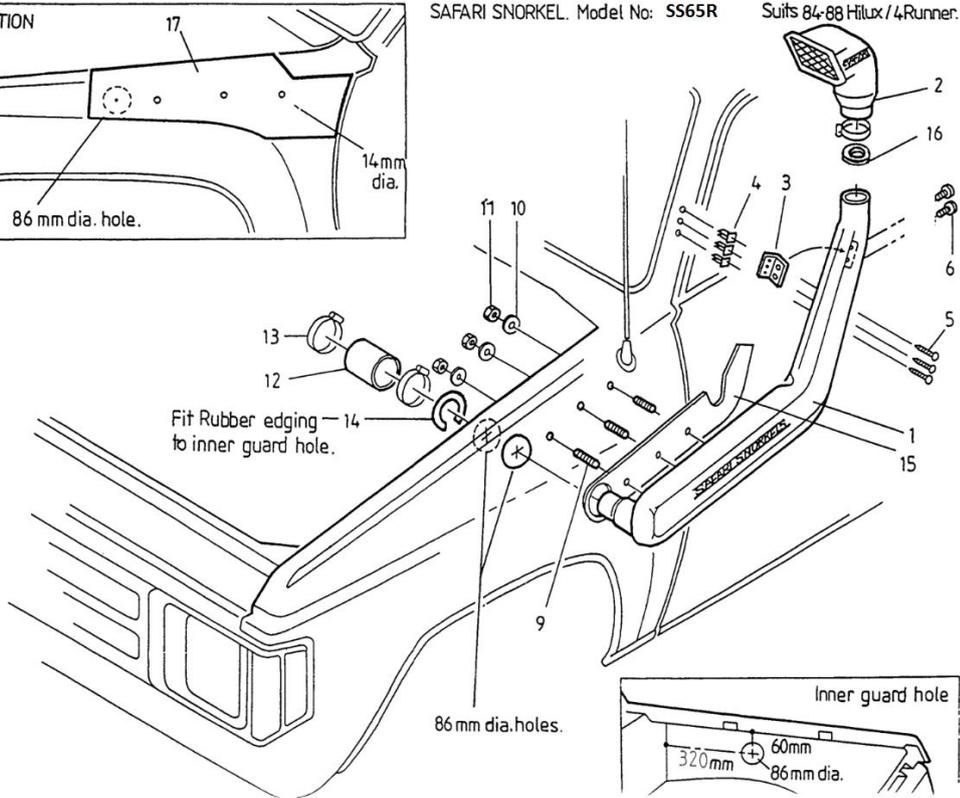
## 4X4 ENGINEERING



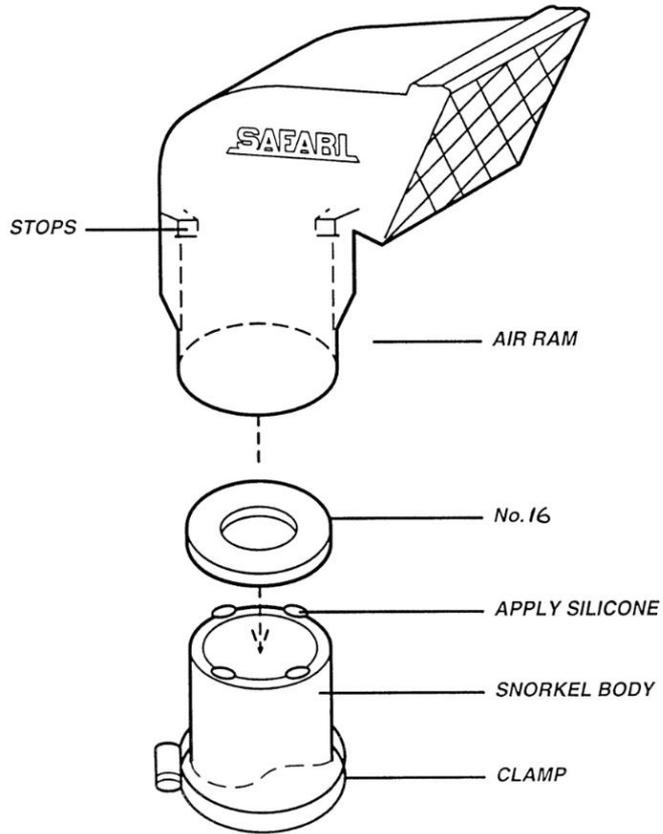
13/12/94

SAFARI SNORKEL. Model No: SS65R

Suits 84-88 Hilux / 4Runner.



**SLEEVE - AIR INLET**



*N.B:* Item No. 16  
Should NOT be  
installed if the  
vehicle is  
turbocharged.