



SAFARI R-SPEC SNORKEL

SS85R

01/04/15

ITEM	DESCRIPTION	QTY	PART NO.
1	BODY - SNORKEL	1	375-133-500R
2	3½" AIR RAM ASSEMBLY	1	000-135-800
3	BRACKET - UPPER MOUNTING	1	305-032-000
4	BOLT - HEX - 6mm x 1.0 x 14mm	2	000-002-100
5	SCREW - S/T - 4.2 x 13mm	3	000-951
6	INSERT - PLASTIC	3	000-960
7	STUD - S/S - 8mm x 1.25 x 25mm - O/L	3	000-110
8	WASHER - BODY - 8mm x 30mm	3	000-311-300
9	NUT - NYLOC - 8mm x 1.25mm	3	000-205-300
10	HOSE - RUBBER - 82mm ID x 100mm	1	000-806-400E
11	CLAMP - HOSE - 80/100mm	2	000-909
12	TEMPLATE	1	375-017-500
13	HOSE CLAMP - SIZE 56 (BLACK)	1	000-914/B
14	SLEEVE – AIR RAM	1	000-441-200

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 SS85R

TOYOTA LANDCRUISER 100 SERIES

(1HZ, 1FZFE, 2UZFE)

Fitment to: Right hand side
Fitting time: Approximately 150 minutes
Special Tools: 95mm hole saw
Step drill
Air hacksaw

Instructions:

1. Remove right hand front wheel arch liner. Remove boom bottle assembly from behind guard. Remove indicator from guard.
2. Cut webbing from boom bottle assembly as per drawing.
3. Tape template to upper rear corner of right hand guard. With a felt pen, mark out all holes including new indicator hole position. Drill a 4mm pilot hole for each hole position. Drill two main holes to 95mm with the hole saw . Drill the three mounting holes to 16mm with the step drill.

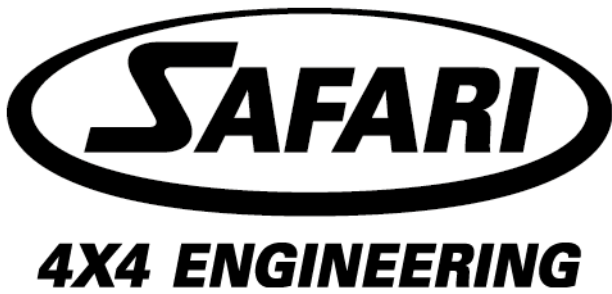
4. Using the air hack saw, join the two main holes as per drawing. Also cut out the indicator hole. File to correct shape. Deburr and paint holes.

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

5. Bolt upper mounting bracket to Snorkel and fit studs to Snorkel. Place Snorkel on guard and carefully mark around outside of upper mounting bracket. Remove Snorkel and mark three holes on 'A' pillar and drill to 8mm. Deburr and paint holes. Insert plastic inserts and fasten upper mounting bracket to 'A' pillar. Install Snorkel to guard and fasten using necessary hardware.
6. Install rubber hose to Snorkel and boom bottle, fasten hose clamps. Install indicator and connect wire. Refit wheel arch liner.
7. Install the air ram sleeve (item 14) to the snorkel body inlet (refer to the following air ram sleeve installation guide).
8. Install air ram to Snorkel and fasten.



This Genuine Safari Snorkel System contains a newly designed Safari Air Ram.

Prior to installing the air ram, a special air ram sleeve may need to be installed over the end of the snorkel. This operation is best performed just prior to installing the snorkel body to the vehicle.

Air Ram Sleeve Installation Guide

1

Measure 65mm down from the top of the snorkel and mark around the entire circumference.



2

Slide the air ram sleeve over the top of the snorkel.

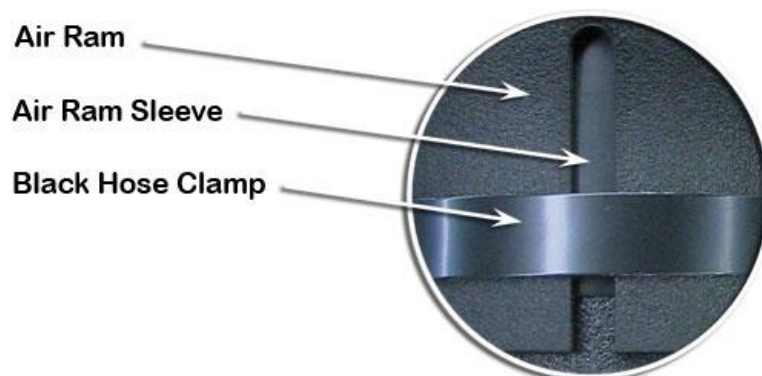
Align the bottom of the air ram sleeve with the previously marked 65mm line.

When correctly aligned, lift the edges of the hose ends slightly and apply several small dabs of Loctite 406 Instant Adhesive or similar to secure the sleeve into position.



3

Install the air ram in accordance with the enclosed snorkel installation instructions for your snorkel model.



SAFARI

4X4 ENGINEERING

Model No: **SS85R** 4/6/98
Description: TOYOTA LANDCRUISER 100 SERIES
Sub Assembly: SAFARI SNORKEL

