



## SS81HF

04/02/03

ITEM	DESCRIPTION	QTY	PART NO.
1	BODY – SNORKEL (SS81HF)	1	375-133-400
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	5	000-110
8	WASHER - BODY 8mm x 30mm – S/S	5	000-311-300
9	NUT - NYLOC 8mm x 1.25mm – S/S	5	000-205-300
10	STUD - S/S 6mm x 1.0mm x 25mm O/L	1	000-108
11	WASHER - BODY 6mm x 30mm – S/S	1	000-322
12	NUT - NYLOC 6mm x 1.0mm – S/S	1	000-204
13	HOSE - AIR ENTRY	1	375-024-000
14	CLAMP - HOSE 80/100mm	2	000-909
15	TEMPLATE	1	375-017-400
16	HOSE CLAMP - SIZE 56 (BLACK)	1	000-914/B



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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:** 92mm Holesaw  
Step Drill  
CRC or similar lubricant  
Loctite 243 (thread lock)

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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 15) are correct.**

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## **Instructions:**

1. Remove: Air cleaner assembly  
Standard air entry ducting  
Right hand indicator assembly  
Right hand side guard indicator
2. Tape the template to the upper rear corner of the guard. Using a felt tip pen, mark all hole positions, remove template.
3. Drill a pilot hole for each hole position. Using the step drill, drill the front mounting hole position to 14mm. Drill the remaining 5 mounting hole positions to 16mm. Using the 92mm 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 & 10) 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. 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 'A' pillar. Remove the snorkel body from the vehicle.
6. Remove the upper mounting bracket from the snorkel body, place the bracket onto the 'A' pillar. With the bracket correctly positioned, mark the 3 mounting hole positions. Remove the bracket and drill the 3 marked holes on the 'A' pillar to 8mm, deburr and paint holes.
7. Insert plastic body clips into the 'A' pillar. Fasten the upper mounting bracket to the 'A' pillar, using necessary hardware.
8. Position the snorkel body onto the guard. With the snorkel body correctly positioned, fasten to the guard using the necessary hardware. Fasten the upper mounting bracket to the snorkel body.
9. Apply lubricant to both ends of the air entry hose (item 13). Install the air entry hose onto the snorkel body snout. Position the hose clamps at either end of the hose. Re-install the air cleaner assembly to the vehicle, with the air entry hose correctly positioned onto the air cleaner entry and snorkel body snout. Fasten both hose clamps.
10. Re-install side indicator and indicator assembly.
11. Install air ram assembly to the snorkel body and fasten.

**N.B: It is the installer's responsibility to ensure that all connections are watertight.**