



**SS120HF**

**24/11/09**

| ITEM | DESCRIPTION                          | QTY | PART NO     |
|------|--------------------------------------|-----|-------------|
| 1    | BODY – SNORKEL                       | 1   | 320-133-000 |
| 2    | 3 ½" AIR RAM ASSEMBLY                | 1   | 000-135-650 |
| 3    | BRACKET - UPPER MOUNTING             | 1   | 320-032-000 |
| 4    | BOLT - HEX 6.0mm x 1.0 x 14mm (SEMS) | 2   | 000-002-100 |
| 5    | SCREW – S/T 4.2mm x 16mm             | 3   | 000-951-300 |
| 6    | BODY CLIP – PLASTIC                  | 3   | 000-960     |
| 7    | HOSE – AIR ENTRY                     | 1   | 320-024-200 |
| 7a   | CLAMP - HOSE 70/90mm                 | 1   | 000-908     |
| 7b   | CLAMP - HOSE 90/110mm                | 1   | 000-910     |
| 8    | STUD - S/S 8mm x 1.25 x 25mm - O/L   | 6   | 000-110     |
| 9    | WASHER - BODY 8mm x 30mm             | 6   | 000-311     |
| 10   | NUT - NYLOC 8mm x 1.25mm             | 6   | 000-205     |
| 11   | TEMPLATE                             | 1   | 320-017-000 |
| 12   | HOSE CLAMP - SIZE 56 (BLACK)         | 1   | 000-914/B   |

**Manufactured by Safari Automotive Pty Ltd**

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# SS120HF

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**TOYOTA HILUX 2005 MODEL 3.0L D4D TDI**

**(1KD-FTV Engine)**

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**Fitment to:** Right hand side  
**Fitting time:** Approximately 120 minutes  
**Special Tools:** 108mm Holesaw  
Step Drill  
Touch-up Paint

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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 11) are correct.**

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## **Instructions:**

1. Remove : Air cleaner assembly.  
: Right hand front wheel arch liner.  
: Air intake duct.
2. Tape the template to the upper and rear edges of the right hand guard, i.e. edges adjacent to the bonnet and door respectively. Using a felt tip pen, mark all hole positions. Remove template.
3. Drill a pilot hole for each marked hole position. Using the step drill, drill the six mounting hole positions to 16mm. Using the 108mm holesaw, drill the main hole. De-burr and paint all holes.
4. Screw the six mounting studs into the snorkel body inserts, then fasten the upper mounting bracket to the snorkel body using necessary hardware. Carefully position the snorkel body onto the guard. With the snorkel body positioned on the guard, check there is adequate clearance between the upper mounting bracket fastening bolts and the door frame, whilst opening the door. Once confirmed, mark the 3 hole positions of the upper mounting bracket on the 'A' pillar and remove the snorkel body from the vehicle.

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5. Drill the 3 marked hole positions to 8mm. N.B.. Pay close attention when drilling the three hole positions, to ensure that the aerial cable is not damaged by drilling too deep into the 'A' pillar cavity. De-burr and paint holes.
6. Insert the plastic body clips into the 'A' pillar, then fasten the upper mounting bracket to the 'A' pillar using necessary hardware.
7. Remove the foam tape from the air cleaner housing inlet snout. Loosely install the 70/90mm hose clamp (Item 7a) over the air cleaner housing inlet snout. Re-install the air cleaner housing into position and secure with genuine fasteners.
8. Loosely install the 90/110mm hose clamp (Item 7b) onto the air entry hose. Install the air entry hose onto the air cleaner housing inlet snout, rotating the hose into position to ensure it lines up with the main hole in the guard panel (Do not apply any form of lubricant to the inside of the rubber hose or to the snout).
9. Install the snorkel body (Item 1) onto the guard, guiding the snorkel body snout into the air entry hose. With the snorkel body correctly positioned, fasten to the guard using necessary hardware. Fasten the upper mounting bracket (Item 3) to the snorkel body (Item 1) using necessary hardware.
10. Orientate the air entry hose to achieve the best alignment between the snorkel body snout and air cleaner housing inlet. Ensure that the air entry hose is hard up against the shoulder of the snorkel body. Tighten the 90/110mm and the 70/90mm hose clamps at either end to secure the hose.
11. Re-install the air cleaner element, lid etc. Re-install the wheel arch liner.
12. Install the air ram assembly to the snorkel body and fasten the hose clamp (Item 12).

**NB: It is the installer's responsibility to ensure all connections are water tight.**

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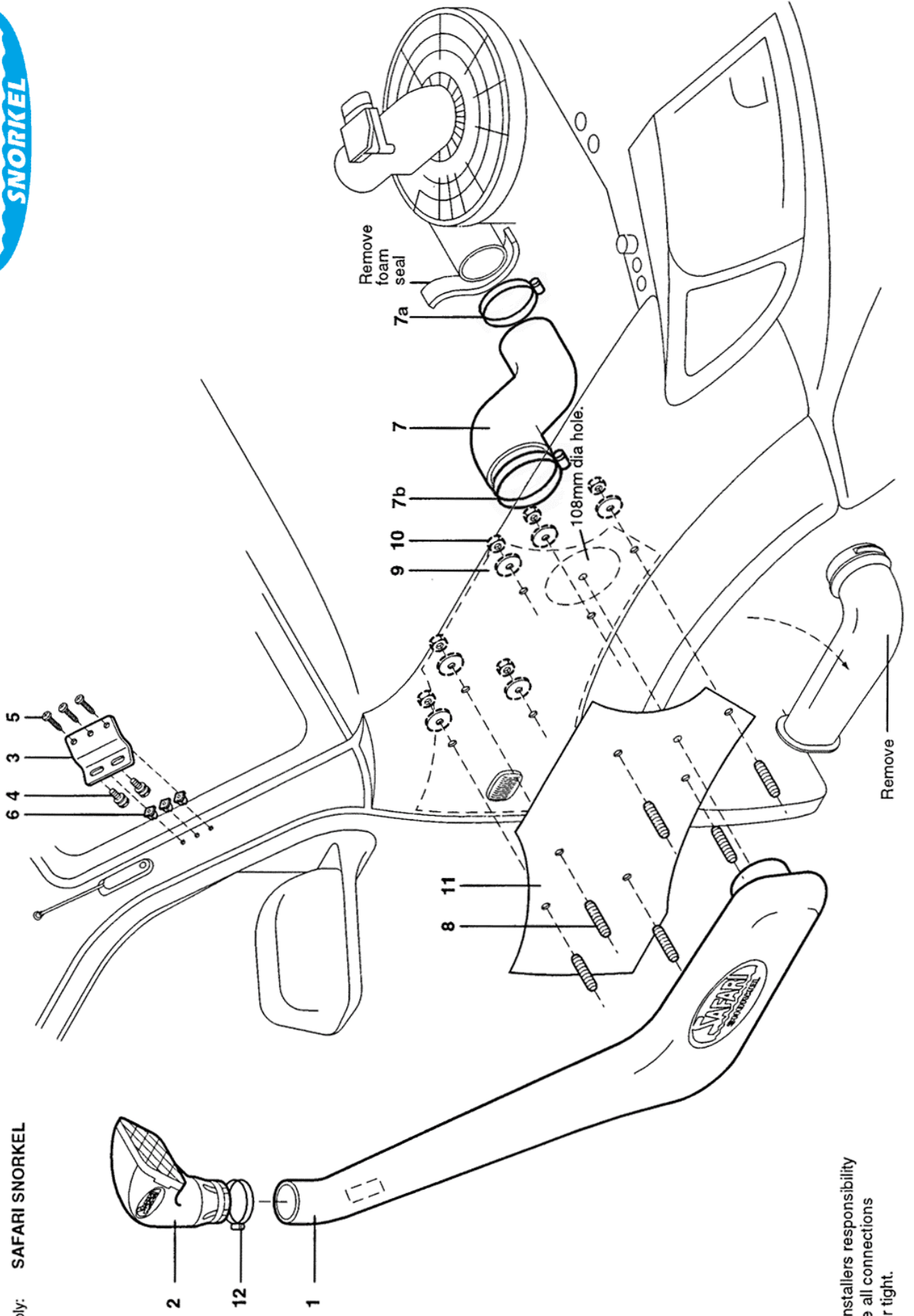
# SS120HF

29/05/08

Model No:

Description: TOYOTA HILUX 2005 MOD. 3.0L D4D TDI (1KD-FTV Engine)

Sub Assembly: SAFARI SNORKEL



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