



# SS726HF

NISSAN D22 NAVARA (Dual Battery)  
2.5L Turbo Diesel (YD25 Cti Engine)



01/11/2014

## Parts List

ITEM	PART NO.	DESCRIPTION	QTY
1	425-133-000	BODY - SNORKEL (SS725HF)	1
2	000-135-050	3" AIR RAM ASSEMBLY	1
3	425-032-000	BRACKET - UPPER MOUNTING	1
4	000-002-100	BOLT - HEX - 6mm x 1.0 x 14mm (SEMS)	3
5	000-951-300	SCREW - S/T - 4.2mm x 16mm - S/S	4
6	000-960	INSERT - PLASTIC	3
7	000-110	STUD - 8mm x 1.25 x 25mm - S/S	6
8	000-311-300	WASHER - BODY - 8mm x 30mm - S/S	6
9	000-205-300	NUT - NYLOC - 8mm x 1.25mm - S/S	6
10	425-024-200	HOSE - AIR ENTRY	1
11	000-908	CLAMP - HOSE - 70/90mm - S/S	2
12	425-123-200	DUCT - AIR CLEANER INLET	1
13	000-130	STUD - 5mm x 0.8mm x 20mm - S/S	2
14	000-320-350	WASHER - BODY - 5mm x 15mm - S/S	2
15	000-221-300	NUT - NYLOC - 5mm x 0.8mm - S/S	2
16	000-918/B	CLAMP - HOSE - SIZE 48 (BLACK)	1
17	425-017-000	TEMPLATE - GUARD PANEL	1



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2.5L Turbo Diesel (YD25 Cti Engine)

## Installation Guide

### Fitment to:

- Left Hand Side

### Fitting Time:

- 120min

### Special Tools:

- 86mm Hole Saw
- Step Drill
- Loctite 243 (thread lock)
- Sharp Knife
- Body Saw (reciprocating)
- Masking Tape
- Touch-up paint
- CRC or similar lubricant
- Sikaflex 227 Adhesive Sealant
- Files

**Prior to commencing the installation, it is the installer's responsibility to verify that all components and particularly the template (Item 17) are correct.**

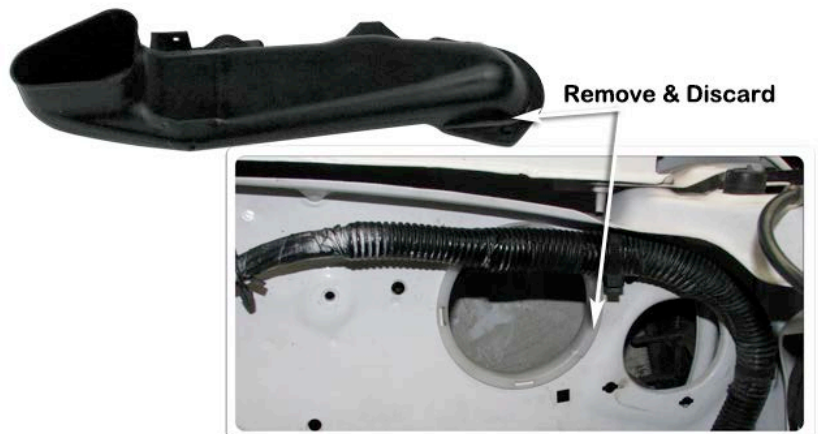
**1** Remove the following in accordance with the factory service manual:

- Air Cleaner Assembly
- LHS Front Guard Liner
- LHS Guard mounted indicator (if fitted to vehicle)
- LHS 'A' Pillar Rubber Wind Lacing Moulding
- LHS Battery (Disconnect RHS Battery Negative Terminal)

**2**

Remove and discard

- Air intake duct
- Inner guard plastic insert



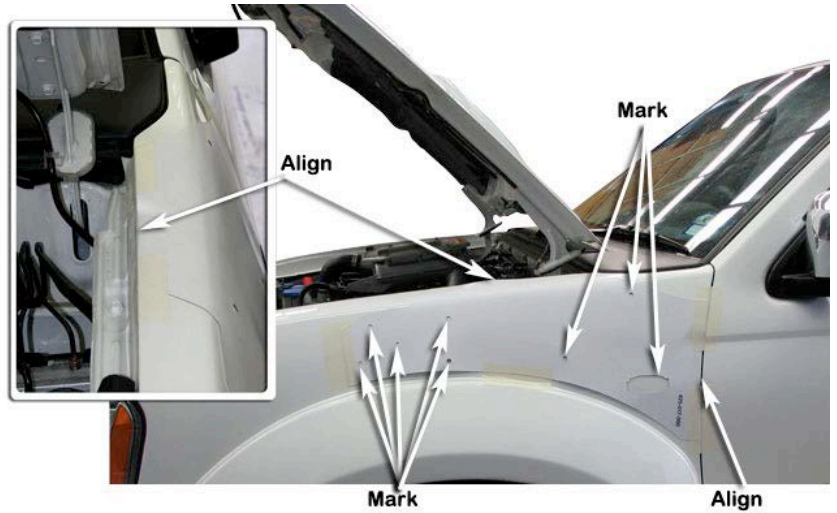
3

Align the guard panel template (Item 17) with the upper and rear edges of the LHS guard panel as shown.

Tape the template to the guard panel with masking tape.

Mark all hole positions, including guard mounted indicator relocation position (if guard mounted indicator fitted to vehicle) with a felt tip pen.

Remove the template.



4

Drill a pilot hole for each of the marked hole positions.

Use a 86mm diameter hole saw to drill the snorkel body outlet hole position.

Use a step drill to drill the six mounting holes to 16mm diameter.

Using the body saw cut out the new guard mounted indicator position (if required), use a file to correctly shape the indicator hole profile.

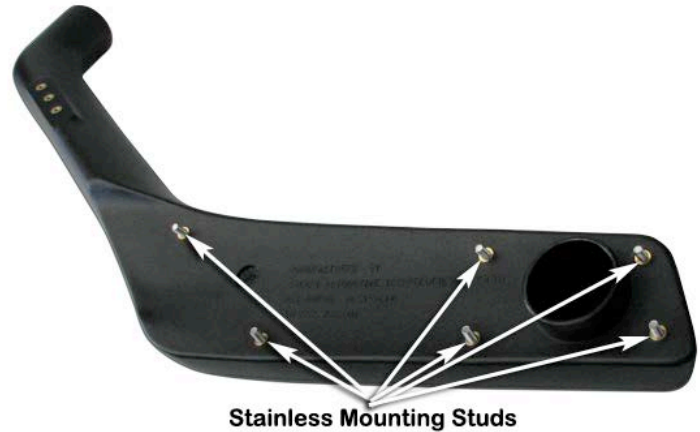
Deburr and paint all holes.





5

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 as shown.

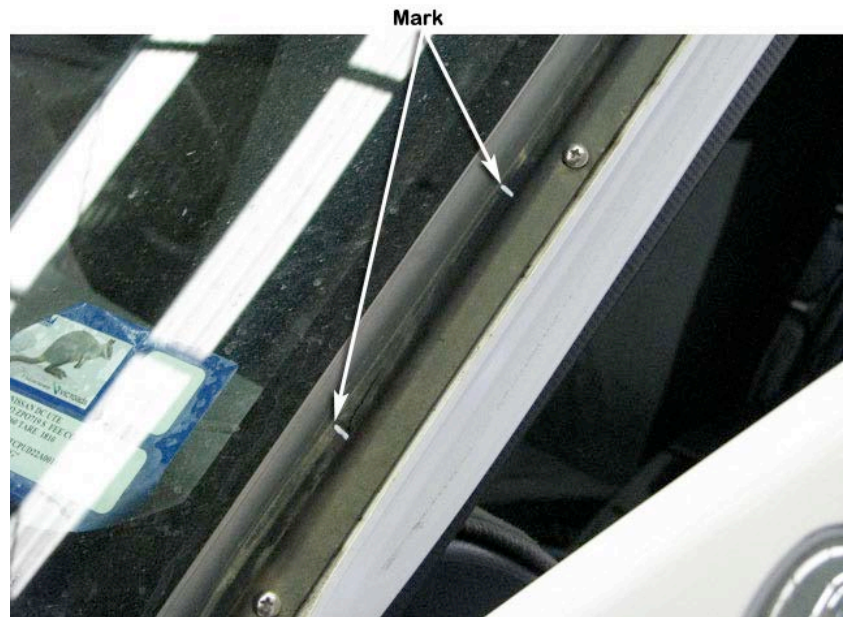


6

Carefully install the snorkel body (Item 1) to the guard panel.

With the snorkel body correctly positioned on the vehicle, position the upper mounting bracket (Item 3) and mark where the plastic windscreen moulding requires to be trimmed.

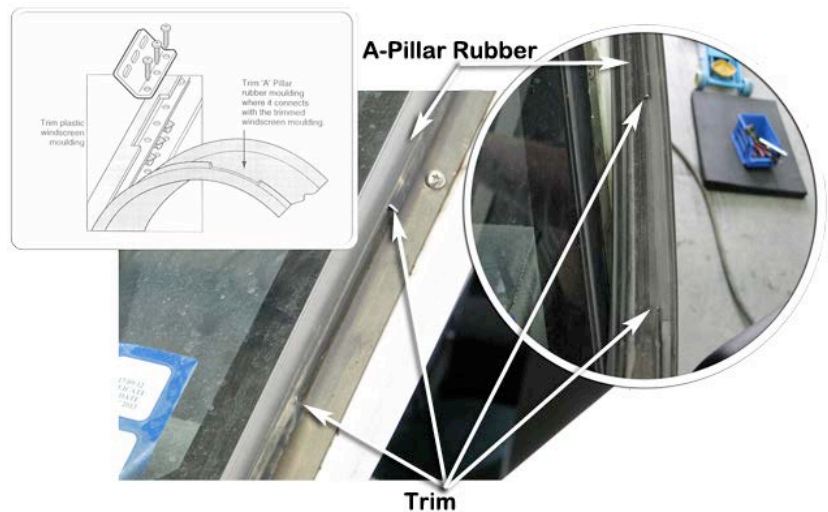
Remove the snorkel body.



7

Use a sharp knife to trim the plastic windscreen moulding, allowing approximately 3mm extra at either end for clearance to the upper mounting bracket.

Re-position the rubber ,A,pillar wind lacing moulding and mark where it requires trimming, only trim away the section which locks it into the plastic windscreen mould.

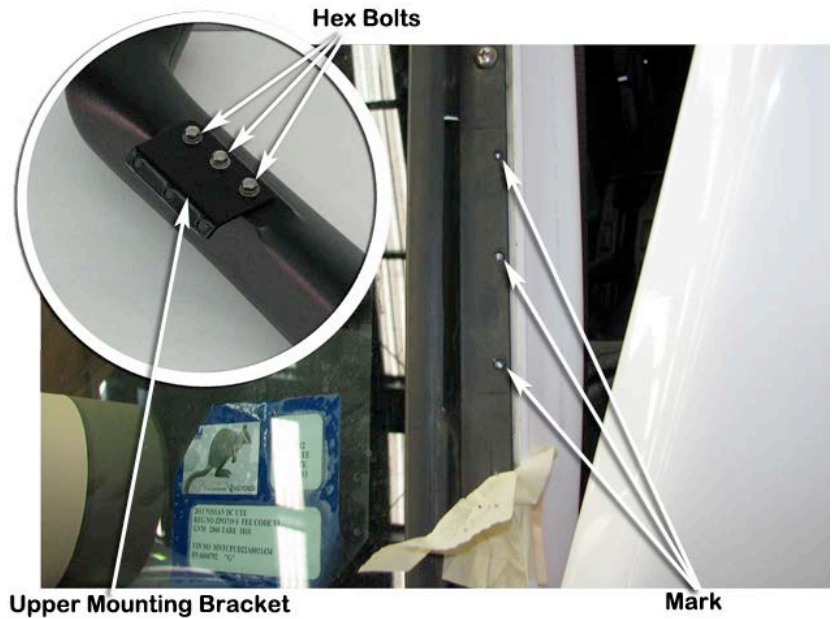


8

Fasten the upper mounting bracket to snorkel body with hex bolts (item 4).

Carefully position the snorkel body onto the guard, with the snorkel correctly positioned onto the guard panel and 'A' pillar, mark the 3 upper mounting bracket hole positions onto the plastic windscreen moulding (as shown).

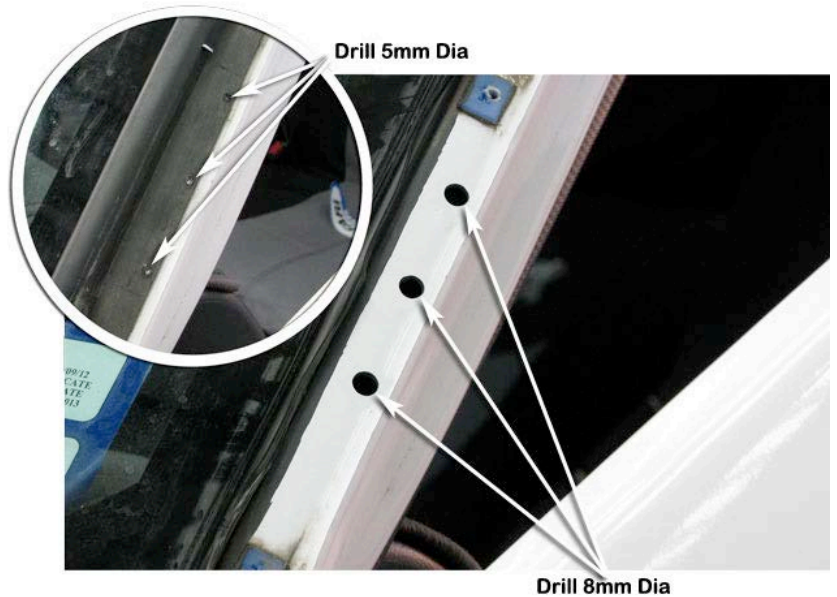
Remove the snorkel body.



9

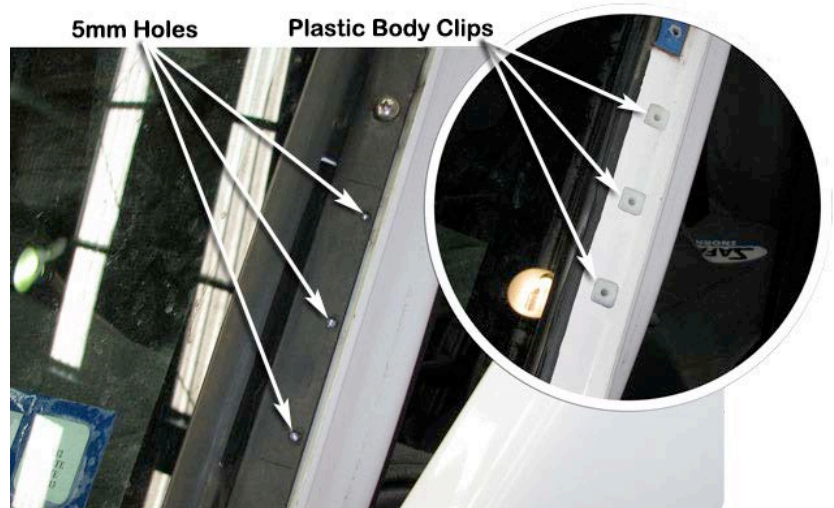
Drill a 5.0mm hole for each of the 3 marked hole positions, drilling through the plastic windscreen mould and the 'A' pillar panel, remove the plastic windscreen mould, drill the 3 holes in the 'A' pillar panel to 8.0mm.

Deburr and paint holes.



10

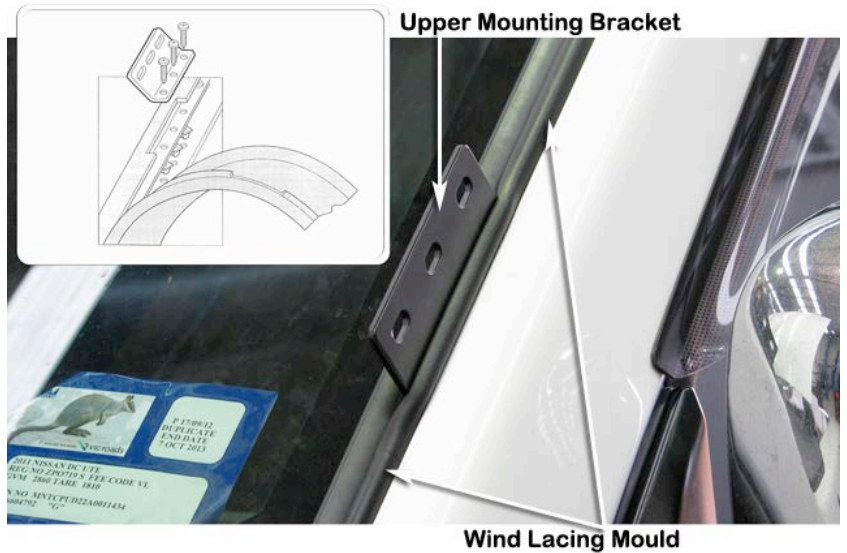
Insert the plastic body clips (item 6) into the 8.0mm holes in the 'A' pillar, apply a bead of adhesive sealant around each of the plastic body clips and plastic windscreen mould where required, fasten the plastic 'A' pillar mould into position.





11

Fasten the upper mounting bracket (item 3) to the 'A' pillar with self-taping screws (item 5), refit the rubber wind lacing mould (making sure it clips back into position correctly).

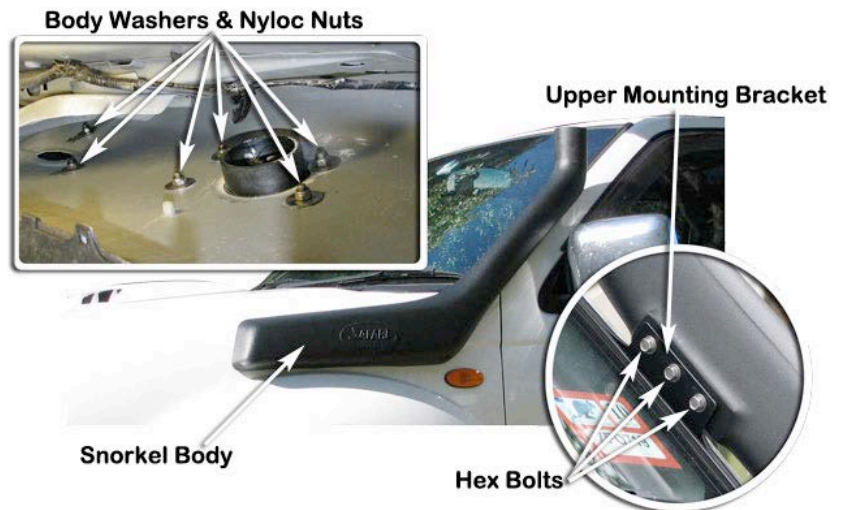


12

Carefully install the snorkel body (Item 1) to the guard panel, align the snorkel body to the guard panel and upper mounting bracket.

When 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).



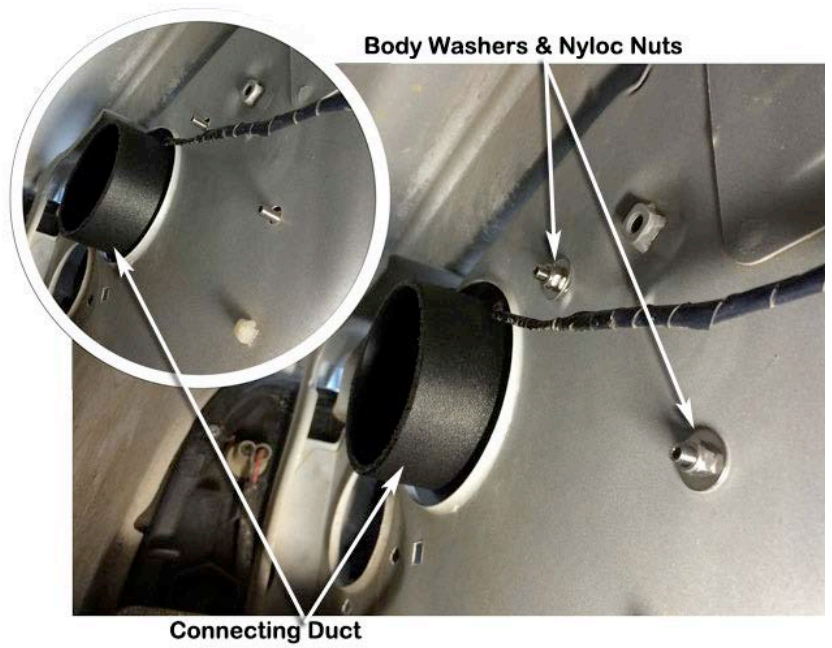
13

Remove and discard the foam strip from the air cleaner housing inlet, remove any sticky residue with a suitable solvent, trial fit the connecting duct (item 12) to air cleaner housing inlet (if necessary grind or sand the internal surface of the connecting duct to achieve a slip on fit). Apply Loctite 243 to the 5.0mm mounting studs (item 13) and install the studs finger tight into the connecting duct (Item 12) mounting inserts as shown.



14

Install the connecting duct to the inner guard panel, fasten into position through the standard inner guard panel holes with 5.0mm body washers (item 14) and 5.0mm nyloc nuts (item 15) as shown.



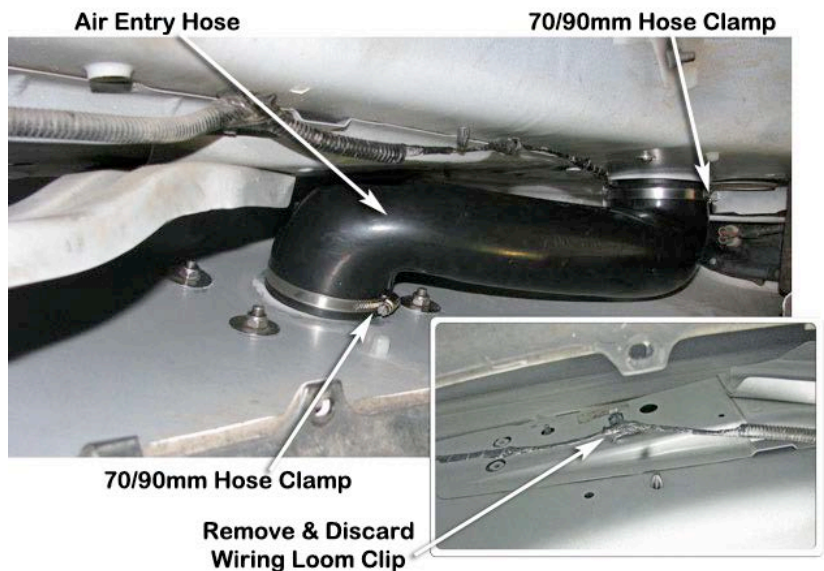
15

Apply a liberal amount of adhesive sealant to the air cleaner housing inlet and connecting duct, install the air cleaner housing and fasten with standard mounting hardware. Secure the connecting duct to air cleaner housing with self-taping screw (item 5).



16

Remove and discard the wiring loom clip as shown, loosely install a 70/90mm hose clamp (item 11) to either end of the air entry hose (item 10), apply a small amount of CRC to both ends of the hose, install the hose onto the snorkel body outlet then onto the connecting duct, with the hose correctly positioned fasten the 70/90mm hose clamps.





17

Install the black hose clamp (Item 16) loosely over the base of the air ram assembly (Item 2).

Install the air ram assembly onto the snorkel body.

Align the air ram assembly and tighten the black hose clamp (Item 16).



18

Install the guard mounted indicator (if fitted to vehicle), guard liner, mud flap, air cleaner element, air cleaner lid, reconnect sensor wiring, re-install the LHS Battery and connect all battery terminals, re-install any other items that may have been removed during the snorkel installation process.

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