

FITTING INSTRUCTIONS - TANAMI SNORKEL

suit Mitsubishi L400 / Delica Spacegear

You will need the following tools and equipment:

1. 83mm metal hole saw
2. 6mm HSS steel bit
3. 13mm HSS steel bit (with perhaps a reducing shank to suit your drill chuck capacity)
4. Cordless or electric drill with a suitable chuck for the large drill bit.
5. Open end, ring spanners and sockets 10mm + 14mm.
6. Masking tape
7. Flat tip and phillips screw drivers (medium sized)
8. Medium sized round file
9. Wet and dry fine grit paper
10. Hacksaw or fine handsaw to cut plastic pipe
11. Small tube of clear silicone

Step1. Is doing it your self cost effective?

Decide whether you're going to do this yourself or pay a professional for the installation. The hole saw itself costs approximately \$40.00.

Step 2Bonnet area:

1. Select a 10mm ratchet socket and tackle the removal of the fuse box in total by looking at the front left hand side of the fuse block and undoing the 10mm nuts. There should be 2 at the front.
2. Reach to the LHS/rear along the inner guard of the fuse block and gently squeeze the plastic retaining clip and the fuse block should move away from the normal position.



Gently position is towards the rear and centre of the engine bay away from the bottom air intake pipe of the air filter box.

3. You can remove the parking light to assist in this operation and tightening of the snorkel at a latter stage. It comes out by locating the holding spring

- behind the light in the engine bay and squeezing the 2 x plastic lugs and pulling.
4. Remove an additional two hexagonal nuts that are holding the factory air intake assembly hidden behind the engine bay inner guard and outer guard. It is a semi transparent plastic unit of about 300 x 250mm in size.
 5. Remove the existing air box by firstly undoing the flexible rubber hose on the right hand side top of the box by undoing the metal clamp.
 6. The air box can be lifted out after undoing one hexagonal holding bolt that affixes it to the front area. (take it easy)
 7. Remove the lower left hand side air intake bended elbow pipe and cut through the pipe and refix to the air box.



Step 3.....Wheel area:

8. Remove the front drivers side wheel as per the normal wheel removal procedure as outlined in the owners manual.
9. Remove wheel arches and or mudflaps as required. If you have the black factory type there should be no need to remove the mudflaps.
10. Remove inner guard plastic by gently using a Phillips head screwdriver and turning the plastic screw. If it doesn't want to extract itself, gently pull on the plastic guard adjacent to the screw and it will force itself out.
11. Go under the guard accessing from the removed wheel area under the car and gently pull the factory air intake unit out of the guard area.



Step 4Fitting the snorkel:

Step 7 Cut through @

12. Use the template included with the snorkel and mount with masking tape on the side of the car as per the instruction on the template.
13. Select a sharp 6mm HSS drill bit and gently drill in the identified places on the template the 13mm holes (**quantity 5 ***). If the drill bit is wandering around a bit then use masking tape on the hole area (applied under the template paper on top of the painted guard to stop slipping).
14. Fit the 83mm metal hole saw and drill the air intake hole ensuring that you are square to the inner guard to ensure correct alignment with the hole left by the removal of the factory air intake unit. There is some allowance in the existing hole of around 3-4mm all the way around.
15. File and sand all edges with an enamel type paint primer to prevent rust at a later stage.
16. Place the snorkel in position and check for it and alignment.
17. *** For Series 1 owners, the front bolt on the snorkel has to be removed as it interferes with the parking light lens!!!**
18. Check position of top of snorkel and mark and drill top fixing points. Suggest you obtain a small length of 3m double-sided tape (white) to cushion the metal bracket against the door recess area before fixing in position.

19. Before tightening the snorkel to the body, fix the flexible concertina black pipe to the snorkel and tighten the clamp. This may have to be done when the snorkel is partially installed and will require tightening from below in the wheel/guard to enable sufficient flexible pipe to be clamped to the snorkel.
20. Pull the flexible pipe through the opening and then position and tighten the snorkel loosely at the top and bottom. Apply some silicone to effect the seal.
21. Once that is done fix the other end of the flexible pipe to the cut bottom air box pipe and clamp.
22. Tighten all nuts on the snorkel (make sure you do all of them as they will rattle if you don't.... including the very hard to get one near the pillar of the windscreen).

From here it is simply proceeding in the reverse order, i.e. refit air box, and fuse block back in position and then reinstall inner guard and tyre.

Your snorkel is now ready to use.

*These instructions are a guide only and the author takes no responsibility.
SEE STEP 1.*

Series 1 L400 - fitted



Series 2 L400 - fitted

