



FITTING INSTRUCTIONS

Product: AIRTEC SNORKEL
Vehicle: SUZUKI JIMNY

Part No. 011SAT0157X

- Before commencing installation read instructions and all listed components are supplied.
- Estimated Fitting Time: 3hrs
- Left hand & right hand components are determined as seated in the vehicle.
- Always place the product on a soft work space to prevent damage prior to installation.
- When removing protective coatings, ensure all new edges are deburred, clean any swarf from the area and apply rust preventative to exposed surfaces.
- To provide adequate sealing of the snorkel system all joints and openings must be sealed using neutral cure silicone. If the vehicle has a one way drain valve do not seal it as water entering through the snorkel head needs to drain. TJM recommend frequent inspections to confirm the air box is not retaining water especially after water crossings.
- The fitment of TJM products does not nullify the OE manufacturer's operating guidelines and/or warnings. Ensure you are familiar with and adhere to the usage instructions specified by the manufacturer in the owner's manual or other official documentation.

Bolt tensions	Dia. (mm)	Nm	ft.lbs	Dia. (inch)	Nm	ft.lbs
All bolt tensions are as follows unless otherwise specified.	5	5	4	1/4"	9	7
	6	9	7	5/16"	22	15
	8	22	16	3/8"	33	27
	10	44	32	7/16"	55	43
	12	77	57	1/2"	86	66
	14	121	90	-	-	-

PARTS LIST		
DESCRIPTION	QTY	PART No.
Snorkel Body	1	011MB00157X
Intermediate Tube	1	011IP00157X
Door Pillar Bracket	1	F-6593
Outer Guard Template	1	F-27976-T
Fitting Instructions	1	F-27976
Air Ram	1	011AIR0297T
Hose Clamp (Black)	1	HC052B
Hose Clamp	1	HC038
Air Assembly Relocation Plate	1	MM005
Cable Tie 8mm X 360mm	1	CT8360
350mm x 12mm Pinch Weld	1	

BOLT KIT	
DESCRIPTION	QTY
8G X 3/4 Stainless PK Screw	2
M8 X 1.25 X 30 S/S Stud	5
M8 Mudguard Washer	5
M8 Nyloc Hex nut	5
M8 x 1.25 x 16 Button Head Screw (black)	1
M8 Spring Washer (black)	1
M8 x 17 Flat Washer (black)	1
Nylon Plugs	2

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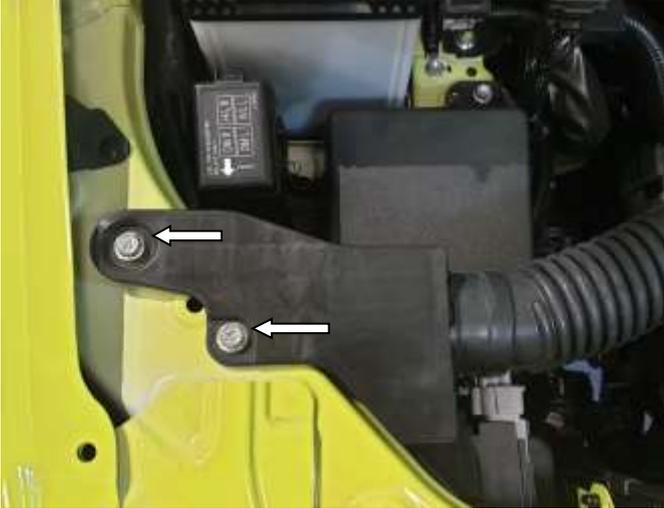
AIRTEC SNORKEL

Vehicle:

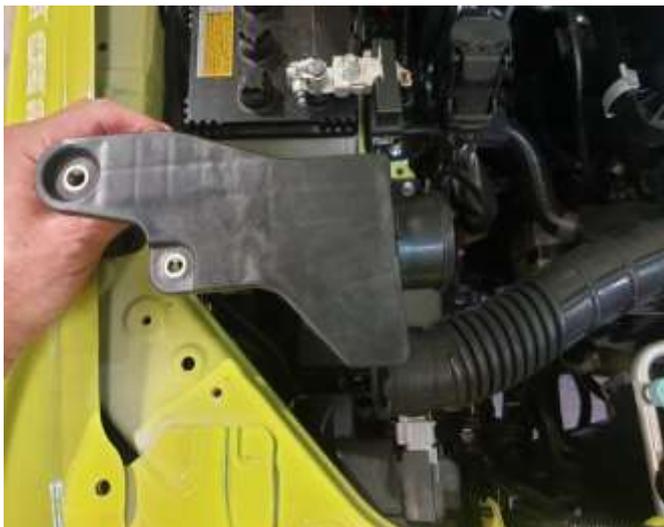
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1. Remove the two bolts that secures the under bonnet air cleaner intake assembly
2. Retain the bolts for fitting replacement bracket in step 37.



3. Disconnect the intake assembly from engine intake tube.
4. Discard the intake assembly.



5. Cover the engine intake pipe with a clean plastic bag or similar so no foreign matter can enter the engine

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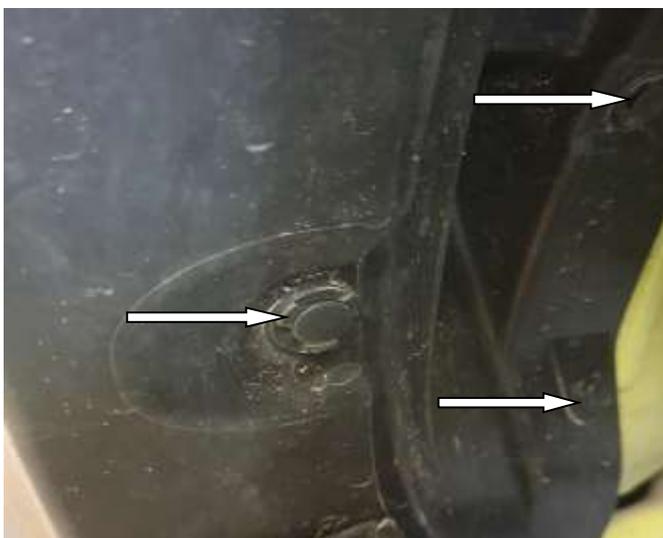


6. Remove and retain the fasteners that secure the RHS mud flap in place.

Note: Turning the wheel full lock to the right will give you more room in the cavity to work with.



7. The side plastic sill cover will require the fasteners to be un-clipped out of the sill panel.
8. Remove the wheel arch flare. Retain all parts and fasteners for refitting later.



9. Remove and retain the fasteners that secure the RHS plastic inner guard.
10. Remove and retain the plastic inner guard. Retain all parts and fasteners for refitting later.
11. Remove and retain indicator in RHS guard

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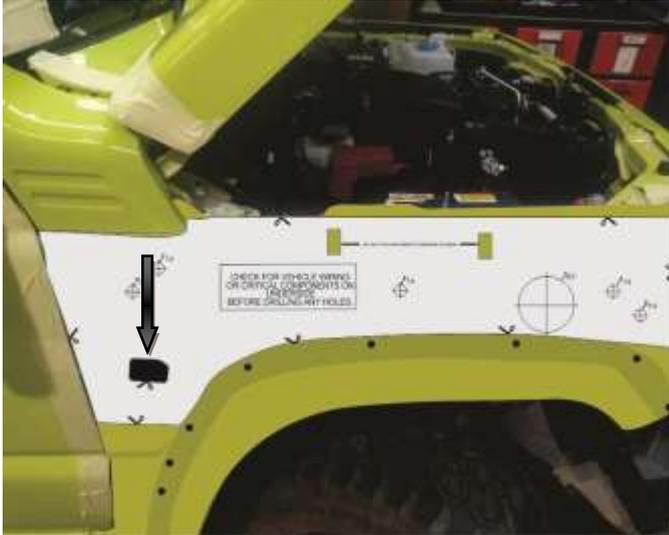
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12. Cut out the outer guard template and carefully align it with the guard edges and indicator cut out (arrowed).

Ensure that the template follows the Contour of the guard.

Note: Check for vehicle wiring or critical components on underside before drilling any holes



13. Centre punch all hole positions.
14. Drill 3mm pilot holes at the centre punched positions
15. Drill stud pilot holes to 14mm and drill the inlet pilot hole to 67mm using a 67mm hole saw
16. Deburr the holes and clean the surface area of any swarf, then treat the raw exposed surfaces with a rust preventative.



POSITIONING THE DOOR PILLAR BRACKET

Note: Do not apply silicone to snorkel and intermediate tube. This step is to locate the position of the door pillar bracket. Once the door pillar bracket is installed, the snorkel and the intermediate tube will be removed.

17. Position the intermediate tube as shown.

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18. Mask the RHS A pillar to prevent damage.

19. Secure the door pillar bracket to the top of the snorkel, using a M8 x 1.25 x 16mm stainless button screw (1), M8 spring washer (1) & M8 flat washer (1).

20. Apply Loctite to snorkel body studs and screw the studs into the snorkel body. Using the snorkel body studs as a guide, place the snorkel body in position ensuring it is located inside the



21. Using the bracket as a template mark the two-hole positions on the A pillar.

22. Remove the snorkel body and intermediate tube from the vehicle.

23. Centre-punch the holes marked, then drill 3mm pilot holes at the positions centre punched. Then drill two 8mm holes.

24. Remove the protective tape from the A-pillar. Deburr all holes, clean any swarf from the area and apply rust preventative to exposed surfaces.

Note: Apply a liberal amount of neutral cure silicone to insert holes

25. Insert the nylon plugs into 8mm holes.



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26. Remove the door pillar bracket from the snorkel body (retaining the fastener) and secure the door pillar bracket in place on the A-pillar using 3/4" x 8G stainless steel PK screws (2).

27. Position the intermediate tube between the outer guard & the inner guard (wheel side) (Refer step 17).



28. Apply a neutral cure silicone to the inside of the tube section of the intermediate tube.

29. Refit the snorkel body to the vehicle by locating the short tube section at the bottom of the snorkel body inside the intermediate tube.

30. Lightly secure the snorkel body to the door pillar bracket using the using fasteners. Do not tighten. Leave loose for adjustment of snorkel.



31. Secure the snorkel body in place using M8 x 1.25 nyloc nuts (5), 5/16" x 1-1/4" flat washers (5).

32. Secure the snorkel body to the intermediate tube using the supplied hose clamp.

33. Secure the snorkel body to the door pillar bracket using the M8 x 16 button head screw, M8 flat and M8 spring washers.

34. Fit the air ram to the snorkel body ensuring that the screws retaining the mesh are horizontal. Secure with the black hose clamp supplied.

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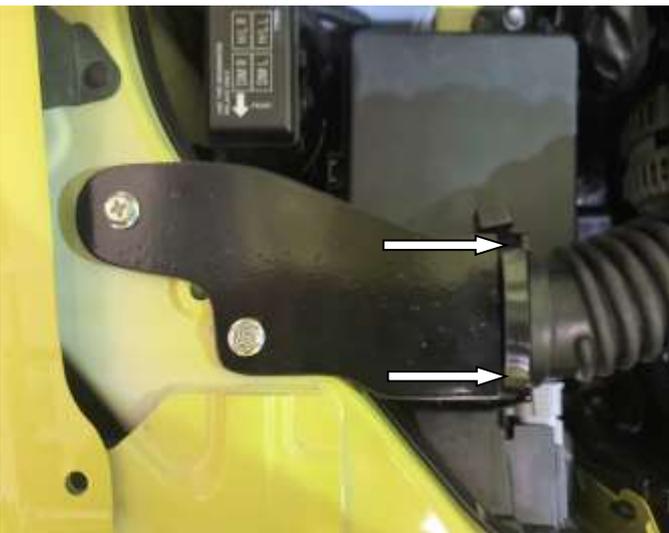
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35. Fit pinch weld to radiator support panel as shown in photo.

36. Remove plastic bag from original intake hose and fit it to the snorkel intermediate tube.



37. Using the 2 original bolts retained in step 1 fit the snorkel intermediate tube retaining bracket (Part Number MM005) to the same location as the Air Intake assembly discarded in step 3.

38. Fit the cable tie around the OE air intake hose and over the intermediate retaining bracket as arrowed. Ensure the cable tie fits through the locating slots in the bracket.

39. Refit guard indicator assembly.



40. Ensure all fittings are secure and all fasteners are fully tightened to the appropriate torque settings on page 1.

41. Refit plastic inner guard and wheel arch flare using fasteners retained in steps 8 and 9.

42. Refit plastic sill cover unclipped in step 7

43. Refit mud flap.

44. Ensure as a result of fitting this product no vehicle components are crushed or will chafe.

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