



FITTING INSTRUCTIONS

Product: Airtec Snorkel

Vehicle: Volkswagen Amarok

Part No. 011SAT0183W 011SAT0283W 011SATW0183W 011SATW0283W

- Before commencing installation read instructions carefully, ensure that the air box configuration is as shown in the images and all listed components are supplied.
- Estimated Fitting Time: 3.5hrs
- 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 a neutral cure silicon. 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

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:	Airtec Snorkel
Vehicle:	Volkswagen Amarok
Part No.	011SAT0183W 011SAT0283W 011SATW0183W 011SATW0283W

PARTS LIST		
DESCRIPTION	QTY	PART No.
Snorkel Body	1	011MB00183W
Airbox Plug	1	011ABPLG83W
Airbox Foam Gasket	1	FGIP0183W
Hose Clamp (Black)	1	HC052B
Door Pillar Bracket	1	F-6593
Fitting Instructions	1	F-14325
Template – Outer Guard, Inner Panel & Airbox	1	F-14325-T

011SAT0183W ONLY		
Air Ram	1	011AR14B97T
Airbox Connector	1	011AC00183W

011SATW0183W ONLY		
Wedgetail	1	011AIRWT450
Airbox Connector	1	011AC00183W

011SAT0283W ONLY		
Air Ram	1	011AR14B97T
Airbox Connector	1	011AC00283W

011SATW0283W ONLY		
Wedgetail	1	011AIRWT450
Airbox Connector	1	011AC00283W

BOLT KIT	
DESCRIPTION	QTY
M8 x 1.25 x 16mm S/S Hex Head Screw	2
M8 S/S Spring Washer	2
M8 x Ø22mm S/S Flat Washer	2
M8 x 1.25 x 16mm S/S Button Head Socket Screw (Black)	1
M8 S/S Spring Washer (Black)	1
M8 x Ø17mm S/S Flat Washer (Black)	1
M8 x 1.25 x 35 S/S Stud	6
M8 Mudguard Washer	6
M8 Nyloc Nut	6
Nylon Plug	2
¾" x 8G S/S PK Screw	3

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

Part No.

011SAT0183W

011SAT0283W

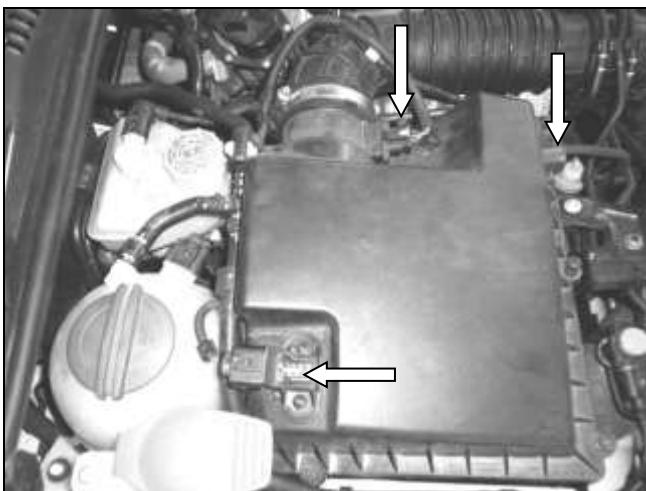
011SATW0183W

011SATW0283W



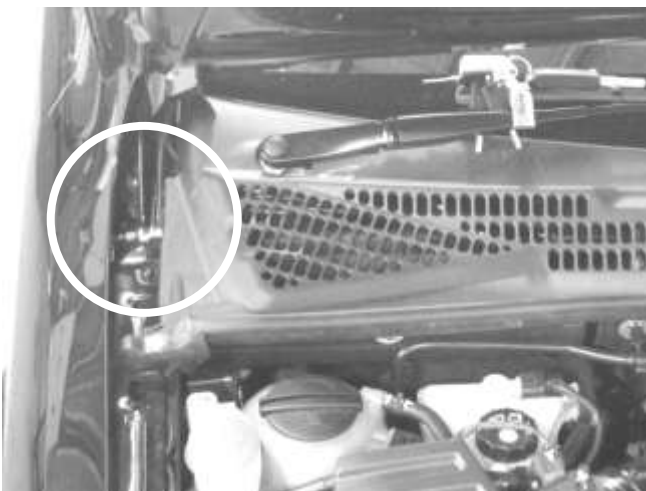
Step 1 applies if fitting the Airtec Snorkel to a 6cyl diesel engine.

1. Disconnect the vacuum hose and the harness connector from the indicated sensor.



Step 2 applies if fitting the Airtec Snorkel to a 4cyl diesel engine.

2. Disconnect the vacuum hose and the harness connectors from the indicated sensors.



3. Disconnect the washer bottle tube at the top of the body guard.



For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

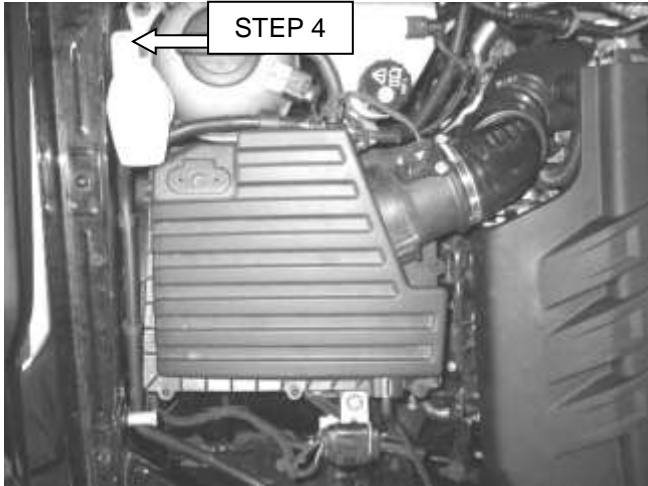
Part No.

011SAT0183W

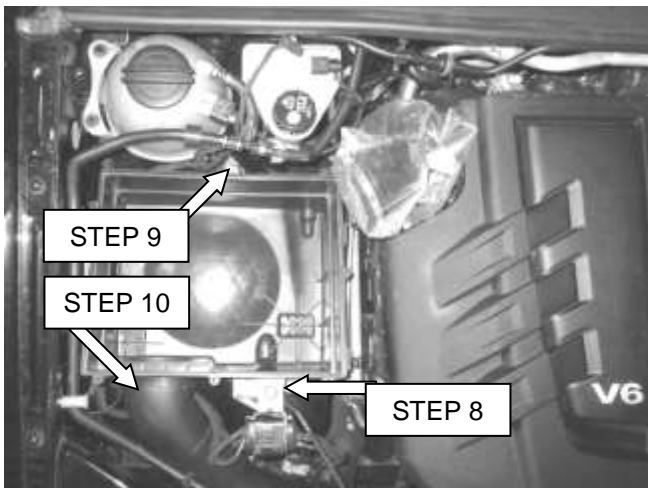
011SAT0283W

011SATW0183W

011SATW0283W



4. Remove (& retain) the fastener securing the washer bottle spout and then remove the washer bottle spout by gently twisting and pulling it out of the washer bottle.
5. Loosen the fasteners (7) securing the airbox lid and the hose clamp securing the engine intake hose.
6. Remove (& retain) the airbox lid and the air filter element.



7. Cover the engine intake hose with a clean plastic bag so no foreign matter can enter the engine.
8. Remove (& retain) the fastener and the wiring loom bracket from the front of the airbox.
9. Loosen the fastener at the rear of the airbox.
10. Disconnect the intake tube and remove (& retain) the airbox base.



11. Remove and discard the airbox intake tube.

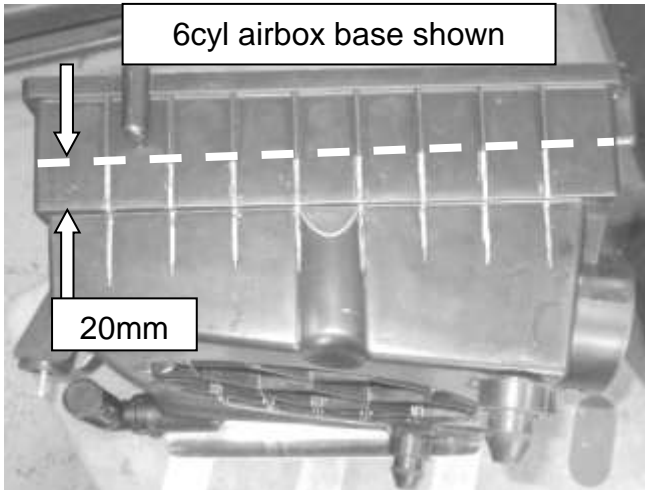
For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product: Airtec Snorkel
Vehicle: Volkswagen Amarok

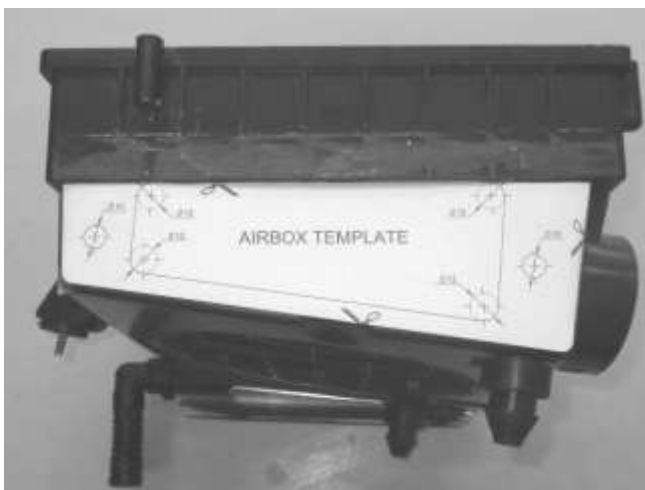
Part No. 011SAT0183W 011SAT0283W 011SATW0183W 011SATW0283W



12. On the side that faces towards to the outside of the vehicle when it is installed, mark a line 20mm up from the recess.

13. Remove the ribs (8) from the side of the airbox up to the line marked.

Ensure that the ribs are trimmed flush with the face to allow an adequate seal for the airbox foam gasket.

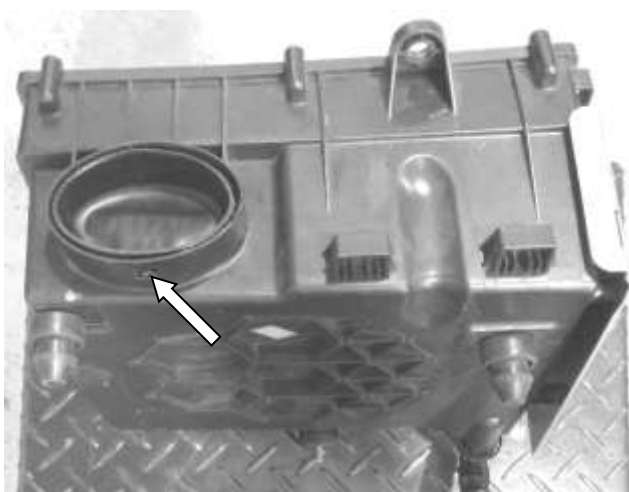


14. Trim the supplied "airbox" template to shape, along the noted edges of the template.

15. Position the template as shown and tape it in place.

16. Mark the hole centres of the Ø10mm and Ø12mm holes onto the airbox base and drill 3mm pilot holes.

17. Drill the Ø10mm and Ø12mm hole positions out to size and then use a saw to cut the large opening.



18. Apply a liberal coating of neutral cure silicone to the inside surface of the original airbox intake opening.

19. Clean the airbox plug and fit it in the original intake opening aligning the tabs with the cut outs.

20. Clean any excess neutral cure silicone from the airbox plug and the original intake opening.

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

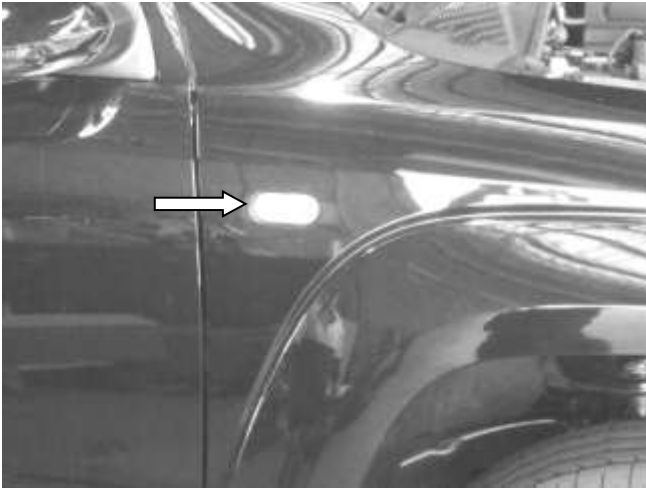
Part No.

011SAT0183W

011SAT0283W

011SATW0183W

011SATW0283W



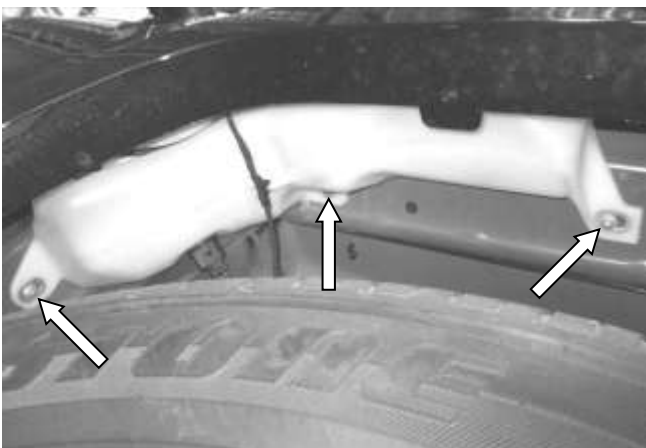
21. Remove (& retain) the indicator assembly by sliding it forward and lifting the rear edge.

22. Disconnect the indicator housing and feed the loom (with the bulb) back into the outer guard.



23. Remove (& retain) the mud-flap & plastic inner guard, retaining all the fasteners.

24. Remove and retain the fasteners that secure the right hand plastic inner guard. Remove and retain the plastic inner guard.



25. Remove (& retain) the fasteners (3) securing the washer bottle.

26. Lower the washer bottle and let it rest on the inner edge of the tyre.

27. Cover the washer bottle opening so that no foreign matter can enter the system.

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

Part No.

011SAT0183W 011SAT0283W 011SATW0183W 011SATW0283W



28. Trim the supplied "outer guard" template to shape, along the noted edges of the template.

29. Accurately align the template with the rear and top edges of the outer guard and tape it in place.

30. Seal the gap with tape where the flare meets the outer guard to prevent swarf from becoming lodged in between.

31. Centre punch the Ø13mm and Ø20mm hole positions and drill 3mm pilot holes.



32. Drill the Ø13mm and Ø20mm hole positions out to size.

Tip: use a step drill.

33. Remove the template and apply tape to the outer guard, joining the outer edges of the Ø20mm holes.

34. Using the edge of the tape as a guide, cut out the hole for the snorkel body using tin snips or a nibbler.



35. Release the retention clips securing the wiring loom and the radiator hose to the inner guard.

36. Trim the supplied "inner guard" template to shape, along the noted edges of the template.

37. Accurately align the template with the cut outs and the existing circular hole then tape the template in place.

38. Centre punch the Ø20mm hole positions and drill 3mm pilot holes.

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

Part No.

011SAT0183W

011SAT0283W

011SATW0183W

011SATW0283W



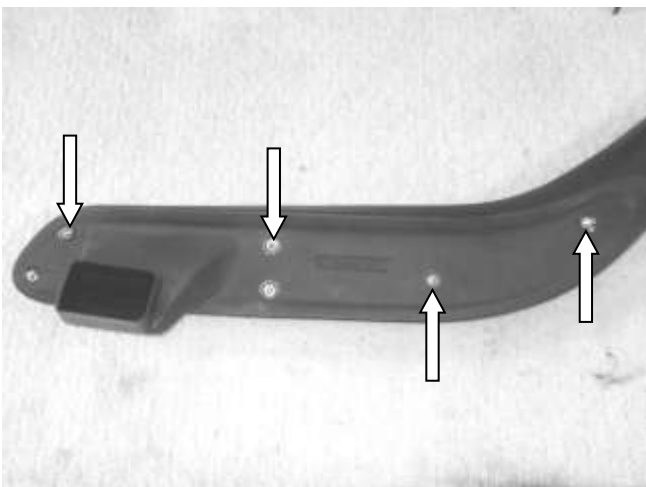
39. Remove the template and cut the airbox connector opening in the inner guard using tin snips or a nibbler.

40. To resecure the wiring harness below the airbox connector, drill 2 new 6.5mm holes in the lower edge of the inner guard.

41. Remove any remaining tape, deburr all holes and edges, clean any swarf from the areas and apply rust preventative to all exposed surfaces.



42. Mask the RHS A pillar to prevent damage.



43. Loctite the 4 indicated M8 x 1.25 x 35mm studs into snorkel body.

44. Secure the door pillar bracket to the top of the snorkel, using the black M8 x 1.25 x 16mm button head screw (1), black M8 spring washer (1) and black M8 flat washer (1).

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

Part No.

011SAT0183W

011SAT0283W

011SATW0183W

011SATW0283W



45. Temporarily fit the snorkel body to the outer guard.

46. Temporarily fit the airbox connector into the snorkel body confirming the holes have been cut in the correct positions.

Note: the PK screw used in step 66 may need to be removed from the snorkel body.

47. Using the door pillar bracket as a template, mark the two hole positions on the A pillar.

48. Remove the intermediate tube and snorkel body.



49. Centre punch the holes marked and drill 4mm pilot holes through the outer and inner skins.

50. Drill the outer skin of both holes out to 8mm.

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

52. Carefully apply silicone to the 8mm holes and insert the nylon plugs.



53. Remove the door pillar bracket from the snorkel body (retaining the fastener) and secure the bracket in place on the A pillar, using $\frac{3}{4}$ " x 8G stainless steel PK screws (2).

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

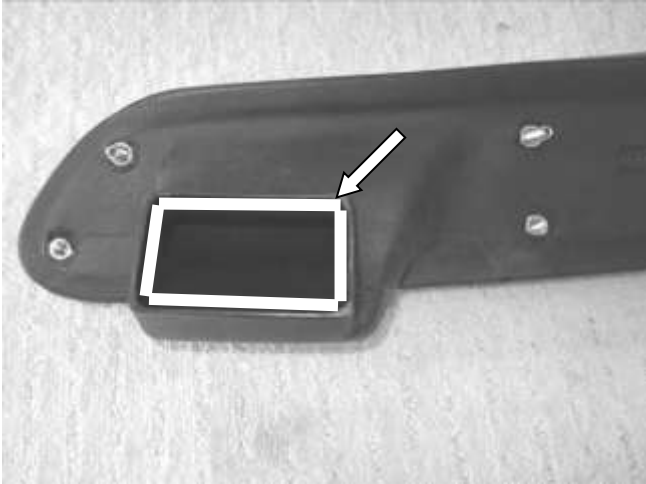
Part No.

011SAT0183W

011SAT0283W

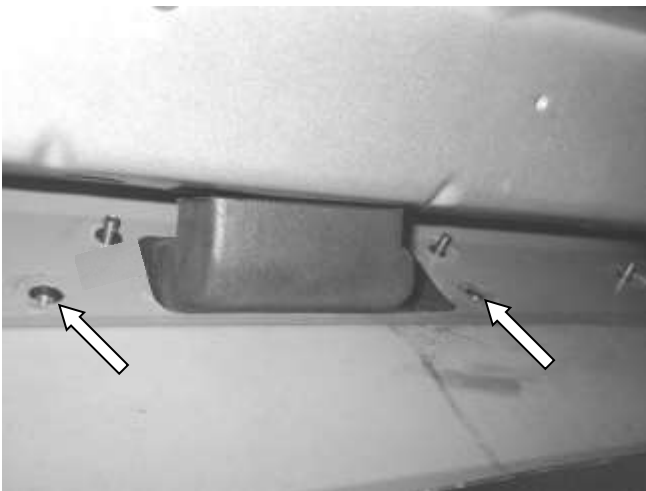
011SATW0183W

011SATW0283W



54. Apply a thin coating of neutral cure silicone to the inside surface of the snorkel body at the airbox connector end.

55. Fit the snorkel body to the guard and loosely secure it to the door pillar bracket using the black M8 x 1.25 x 16mm button head socket screw (1), black M8 spring washer (1) and black M8 flat washer (1).



56. Loctite the 2 remaining M8 x 1.25 x 35mm studs into the snorkel body.

57. Loosely secure the snorkel to the guard using M8 Nyloc nuts (6) and M8 mudguard washers (6).

Tip: the most rear stud can be accessed from under the bonnet.



58. Refit the retention clips securing the radiator hose and the wiring loom.

59. Peel the backing tape off the airbox foam gasket and affix it to the airbox connector.

60. Apply a thin coating of neutral cure silicone to the outside surface of the airbox connector at the snorkel body end and fit the airbox connector.

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

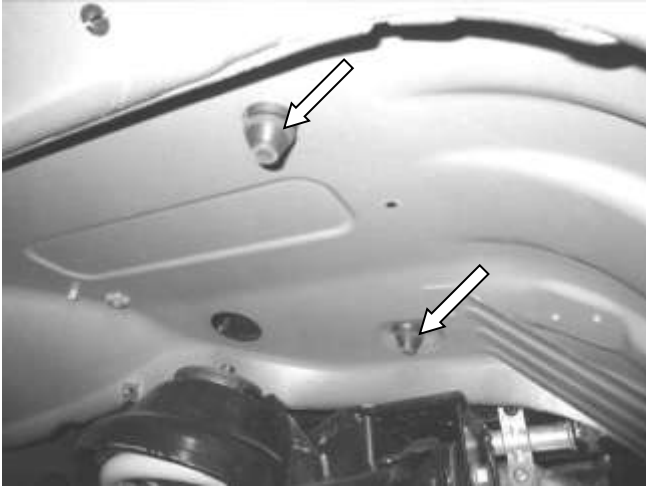
Part No.

011SAT0183W

011SAT0283W

011SATW0183W

011SATW0283W

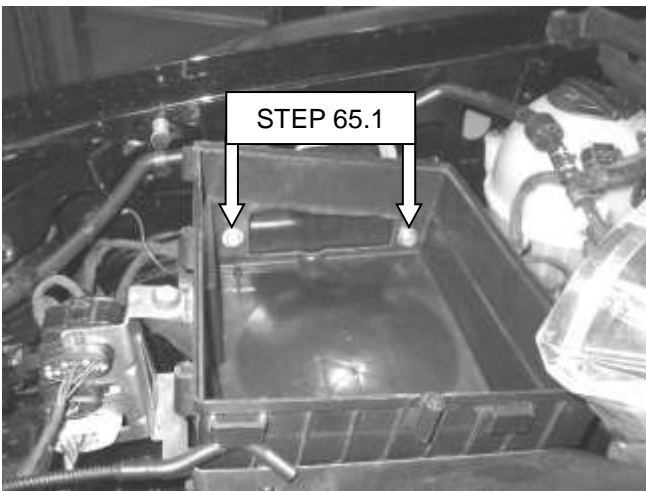


61. Return the airbox base to its original position ensuring the rubber mounts are located correctly in the guard and the drain valve is pointing toward the ground.

62. Loosely fasten the airbox connector using M8 x 1.25 x 16mm hex head screws (2), M8 spring washers (2) and M8 x Ø22mm flat washers (2).

63. Secure the airbox in place with its original fastener.

64. Refit the wiring loom bracket to the front of the airbox with its original fastener.

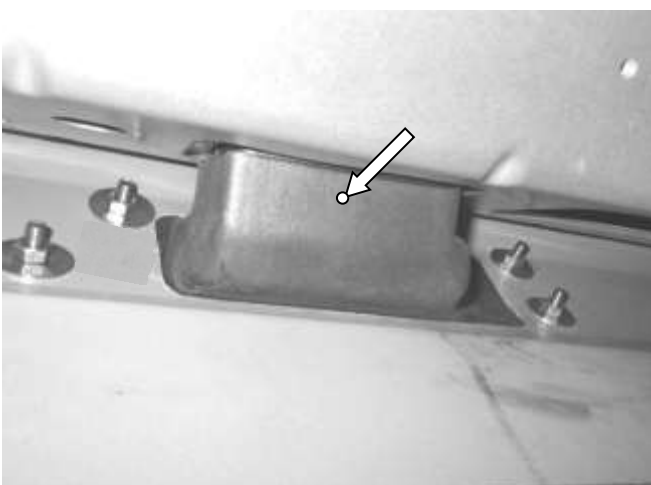


65. Tension the fasteners securing the snorkel assembly, using the torque settings listed on page 1, in the following order

65.1. The 2 screws securing the airbox connector to the airbox base.

65.2. The 5 nuts securing the snorkel body to the outer guard.

65.3. The screw securing the snorkel body to the door pillar bracket.



66. Secure the snorkel body to the airbox connector using ¾" x 8G S/S PK Screw.

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

Part No.

011SAT0183W

011SAT0283W

011SATW0183W

011SATW0283W



67. Uncover the washer bottle opening and loosely secure it in place with its original fasteners.
68. Feed the indicator bulb back up to the opening in the outer guard and refit the indicator assembly.
69. Run the washer bottle tube back through the opening in the body guard, then refit it to its connection.
70. Tension the fasteners securing the washer bottle.



71. Refit the plastic inner guard and mud flap and secure with original fasteners.



72. Refit the air filter element.
73. Remove the plastic bag from the engine intake hose. Refit the airbox lid and locating the engine intake hose in its original position. Tighten the engine intake hose clamp and the airbox lid fasteners (7).
74. Reconnect the vacuum hose and the harness connector/s.
75. Refit the washer bottle spout and secure with the original fastener.

For product warranty please refer to our website www.tjm.com.au



FITTING INSTRUCTIONS

Product:

Airtec Snorkel

Vehicle:

Volkswagen Amarok

Part No.

011SAT0183W

011SAT0283W

011SATW0183W

011SATW0283W



76. If fitting an Air Ram, position on the snorkel body so that the fasteners securing the mesh are horizontal. Secure with the black hose clamp supplied.

77. If fitting a Wedgetail, position on the snorkel body so that the Wedgetail is parallel to the windscreen. Secure in place with the black hose clamp supplied.



78. Check that all fittings are secure and all fasteners are fully tightened to the appropriate torque settings on page 1.

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

For product warranty please refer to our website www.tjm.com.au