

SERVICE BULLETIN		
To:	All Dealers	Reference SB0285 Issued: 10th February 2009
For the attention of:	Service Manager/After Sales Manager	
Please copy to:	The Dealer Principal The Warranty Administrator Aston Martin Technician(s) The Parts Manager	
Model:	DB9 and DBS	
VIN Range:	All	Page 1 of 5
Subject:	Washer Reservoir and Motor Assemblies	

Reason for this Service Bulletin

The windscreen washer pipes and reservoir in some vehicles have been assembled incorrectly. This can cause leaks in the system and sometimes failure of the washer reservoir.

You should do this workshop procedure if a customer complains that:

- There are signs of leakage from the windscreen washer system
- The system does not operate correctly
- The customer cannot fill the reservoir correctly.

Workshop Procedure

1. Raise the vehicle and make it safe.
2. On Volante vehicles only, remove the centre undertray.
3. Remove the front right road wheel.
4. Remove the M6 Torx-head screws that attach the rear of the wheelarch liner.
5. Remove the self-tapping screw that attaches the rear of the wheelarch liner into the wheelarch.
6. Turn the steering fully to the right.
7. Move the rear of the wheelarch liner away to get access to the windscreen reservoir.

8. Examine the connection of the filler pipe (1) on the top of the reservoir (2). Make sure that it is correctly located onto the stub pipe of the reservoir (Refer to Figure 1).



Figure 1

9. Make sure that the worm-drive clip (3) is tightened and correctly installed.
10. Make sure that the pipes and electrical cables are correctly routed and correctly held in position (Refer to Figure 2).



Figure 2

11. Examine the filler pipe. Make sure that it is not damaged and is correctly installed (Refer to Figure 3).

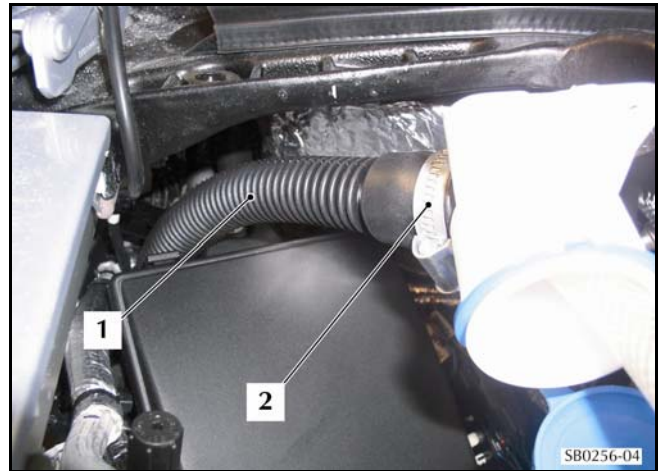


Figure 3

12. Make sure that the routing of the filler pipe (1) is correct.
13. Make sure that the worm-drive clip (2) is tightened and correctly installed.
14. Make sure that all of the hoses, pipes and electrical connection do not have too much tension.

Note: *If there is too much tension on the hoses they can become disconnected or can split.*

15. Examine the washer reservoir for cracks and leaks. If you find a crack in the reservoir, do the procedure that follows to replace it.

Remove the Reservoir and Motor Assembly

Note: *This procedure is different to the procedure given in the Workshop Manual. The next Issue of the Workshop Manual will include the procedure that follows.*

1. Release the tube (4) from the windscreen washer motor and drain the reservoir into an applicable container (Refer to Figure 4).

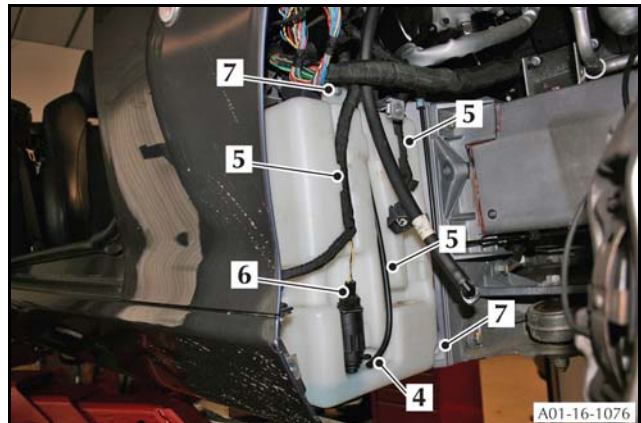


Figure 4

1. Disconnect the two clips that attach the battery harness to the bottom of the reservoir.
2. Move the harness away.
3. Disconnect the clip that attaches the harness for the level sensor to the reservoir.
4. Release the harnesses and the tubes (5) from the reservoir moulding.
5. Disconnect the electrical connector (6) for the windscreen washer motor.
6. Remove the M6 screw (7) that attaches the bottom of the reservoir.

7. Lower the vehicle.
8. Release the headlamp washer pipe from the clip and turn the motor to disconnect the pipe (quickfit) and the electrical connector.
9. Remove the two top M6 reservoir attachment screws.
10. Let the reservoir fall.
11. Loosen the worm drive clip that attaches the filler tube to the reservoir.
12. Disconnect the filler tube.
13. Move the reservoir down and forward to get access.
14. Disconnect the electrical connector from the level sensor.
15. Remove the reservoir.

Install the Reservoir and Motor Assembly

1. Connect the electrical connector to the level sensor.
2. Move the reservoir into position.
3. Make sure that the worm drive clip is on the filler tube.
4. Connect the filler pipe to the reservoir.
5. Tighten the worm drive clip to attach the filler pipe.
6. Install the three M6 attachment screws.
7. Install the windscreen washer pipe into the clips on the reservoir and connect it to the motor.
8. Install the headlamp washer pipe.
9. Connect the headlamp washer pipe to the pump.
10. Connect the electrical connector to the pump.
11. Connect the electrical connector for the windscreen washer motor.
12. Raise the vehicle.
13. Connect the clip that attaches the level sensor harness to the reservoir.

Install the Wheelarch Liner

1. Connect the two clips that attach the battery harness to bottom of the reservoir.
2. Put the wheelarch liner back into position.
3. Turn the steering to the centre position.
4. Install the self-tapping screw that attaches the rear of the wheelarch liner into the wheelarch.
5. Install the M6 Torx-head screws that attach the rear of the wheelarch liner.
6. Install the front right roadwheel.
7. On Volante vehicles, install the centre undertray.
8. Lower the vehicle.
9. Fill the washer reservoir.

Parts Data

Description	Part Number	Quantity	Labour Time to Replace
Reservoir and motor assembly	4G43-17B613-AC	1	1.05 hrs.

Warranty Data

Description	Causal Part Number
Filler neck tube	4G43-13K175-AB PIA01
Headlamp wash tube	4G43-13C100-AE
Windshield washer tube	4G43-17Z605-AB

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This Bulletin is written in Simplified Technical English to ASD STE-100™.