

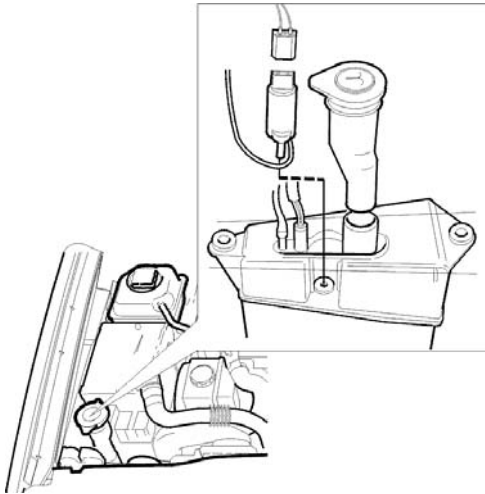
Improved windscreen washer system 850

Removal 855

Removal of existing washer fluid reservoir

Remove:

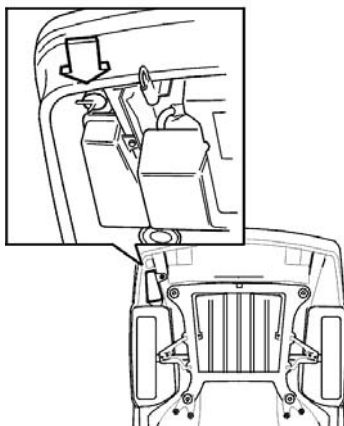
- filler pipe for washer fluid reservoir,
- connector to washer pump,
- hoses,
- level sensor.



Removal of rear window washer pump

Remove:

- the rear window washer motor from underneath the car,
- the washer motor from the bracket, pry out the clips on the side of the bracket and push up the pump.



Release connector and hoses to washer motor.

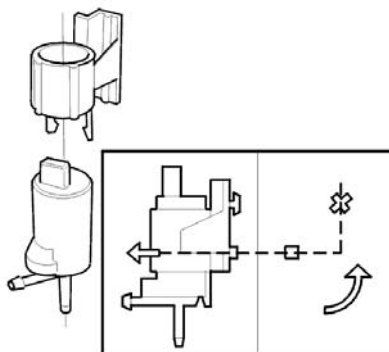
Collect any washer fluid remaining in the reservoir.

Remove:

- screws to the washer fluid reservoir,
- any connectors for accessories attached to the washer fluid reservoir,
- washer fluid reservoir.

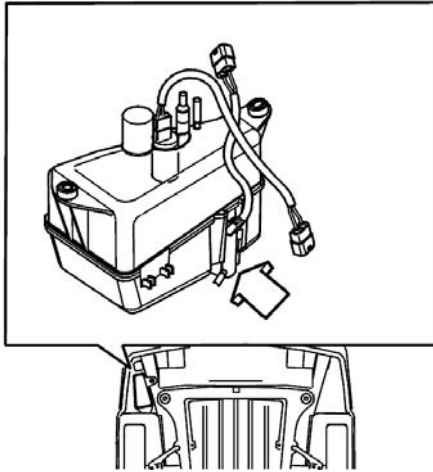
Removal of bracket

Remove the washer motor bracket by pulling it outwards and move it 1/4 turn anti-clockwise.



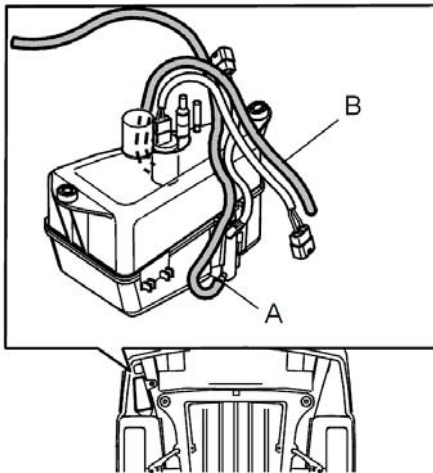
Pre-assembling a new washer fluid reservoir

Move the pump from the old washer fluid



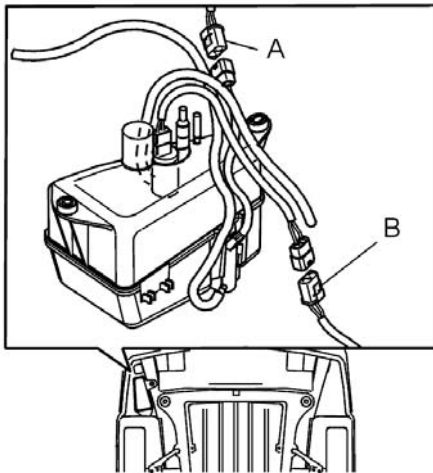
reservoir over to the new one.
 Install a new lower pump.
 Install adapter wire to upper pump, part number 9178971.
 Install adapter wire to lower pump, part number 9178861.
 Transfer level sensor and bleeder hose.

Installing connecting hose



Install a 500 mm connecting hose to the connection (A) of the windscreen washer pump.
 Pull the hose that was previously connected to the washer motor under the mudguard to the engine compartment.
 Connect the hose to the upper washer motor (B).

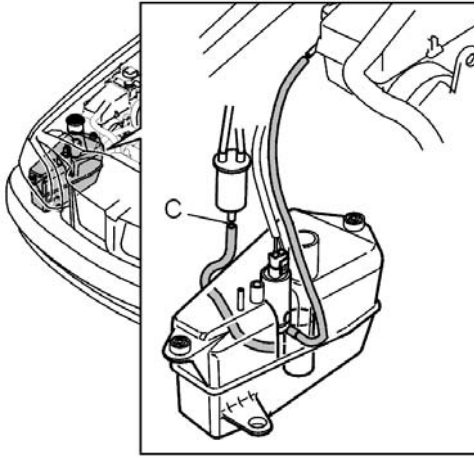
Wire routing



Hoses and wires from underneath to the engine compartment should be positioned between the top of the washer fluid reservoir and the body, and then pulled through the same opening that is used for the filler pipe.
 The adapter wire from the upper motor (rear window washer system) should underneath the mudguard be connected to the connector that was previously used for the lower motor (B).
 Tighten down the washer fluid reservoir.
 The adapter wire from the lower pump motor (windscreen washer motor) should be connected to the connector that was previously used for the upper motor (A).

Hose routing

The hose from the lower motor should be connected to the existing system at the bleeder valve (C).
 Install any other removed parts.



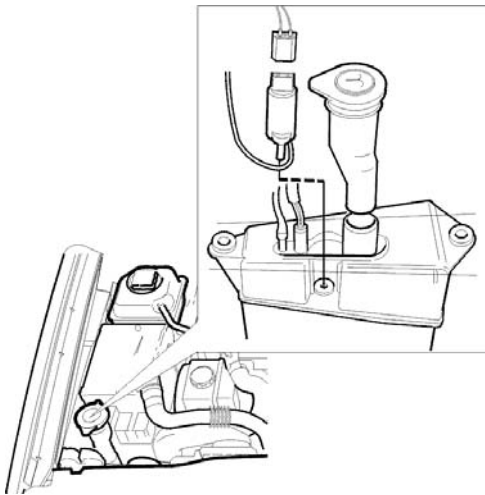
Fill up with washer fluid.
Do a function check.

Removal 854

Removal of existing washer fluid reservoir

Remove:

- filler pipe for washer fluid reservoir,
- connector to washer pump,
- hoses,
- level sensor,
- screws to the washer fluid reservoir,
- washer fluid reservoir,
- any connectors for accessories attached to the washer fluid reservoir.



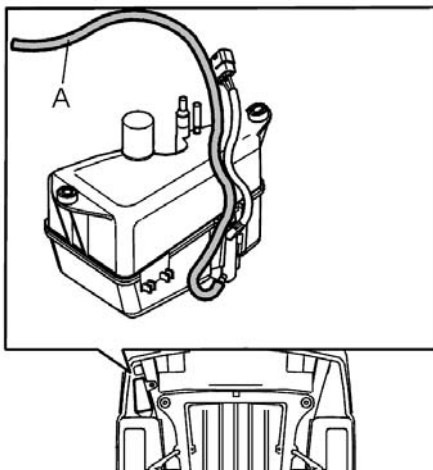
Pre-assembling a new washer fluid reservoir

Install a new lower pump.

Install adapter wire to lower pump, part number 9178861.

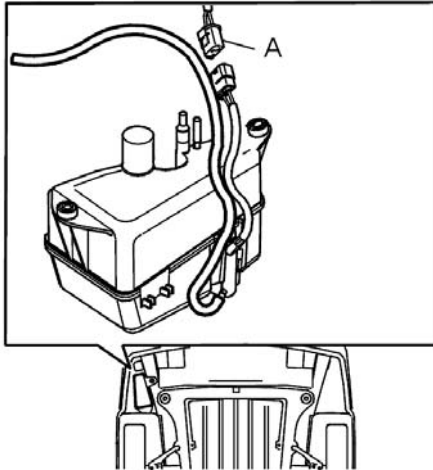
Transfer level sensor and bleeder hose.

Install a 500 mm hose to the connection of the windscreen washer (A).



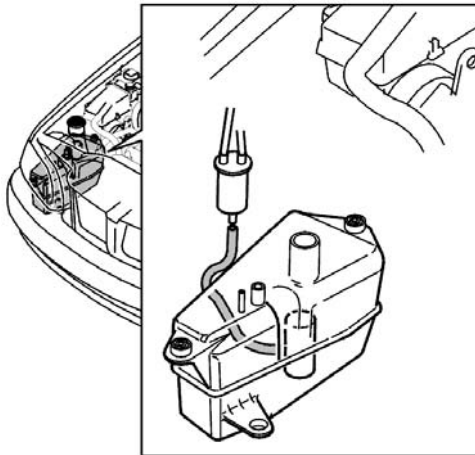
Adapter wire routing

Hoses and wires from underneath to the engine compartment should be positioned between the top of the washer fluid reservoir and the body, and then pulled through the same opening that is used for the filler pipe.



The adapter wire from the lower pump motor (windscreen washer motor) should be connected to the connector that was previously used for the upper motor (A).

Connecting hose routing



The hose from the lower motor should be connected to the existing system at the bleeder valve (C).

Installing washer fluid reservoir

Tighten down the washer fluid reservoir.
Install any other removed parts.
Fill up with washer fluid.
Do a function check.