

# **Component Procedures: Windshield Washer Motor**

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# Component Procedures: Windshield Washer Motor

## Front Washer Motor - Repair Procedures (Article 44626)

- Inspection

Front Washer Motor

- With the washer motor connected to the reservoir tank, fill the reservoir tank with water. Before filling the reservoir tank with water, check the filter for foreign material or contamination. if necessary, clean the filter.

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# NOTICE

- Before filling the reservoir tank with water, check the filter for foreign material or contamination. if necessary, clean the filter.

- Connect positive (+) battery cables to terminal 2 and negative (-) battery cables to terminal 1 respectively.

- Check that the motor operates normally and the washer motor runs and water sprays from the front nozzles.

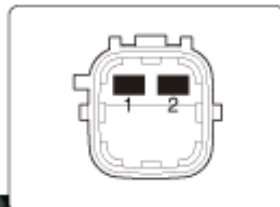
- If they are abnormal, replace the washer motor. [Front & Rear washer] No Description 1 Ground 2 Windshield washer (+)

[Front & Rear washer]

No Description

1 Ground

2 Windshield washer (+)



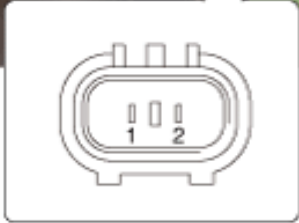
Washer Fluid Level Sensor Switch

- Disconnect the negative (-) battery terminal.

- Drain the washer fluid less than 650 cc.

- Check for continuity between the No. 1 and No.2 terminal in each float position. There should be continuity when the float is down. There should be no continuity when the float is up.

- If the continuity is not as specified, replace the washer fluid level switch

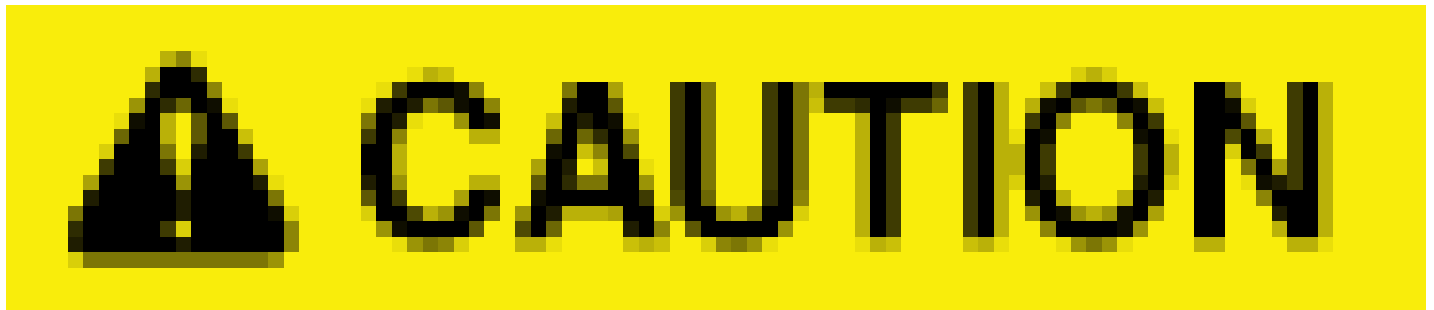


Terminal \ Position	1	2
Over 650cc		
Under 650cc	○ ————— ○	

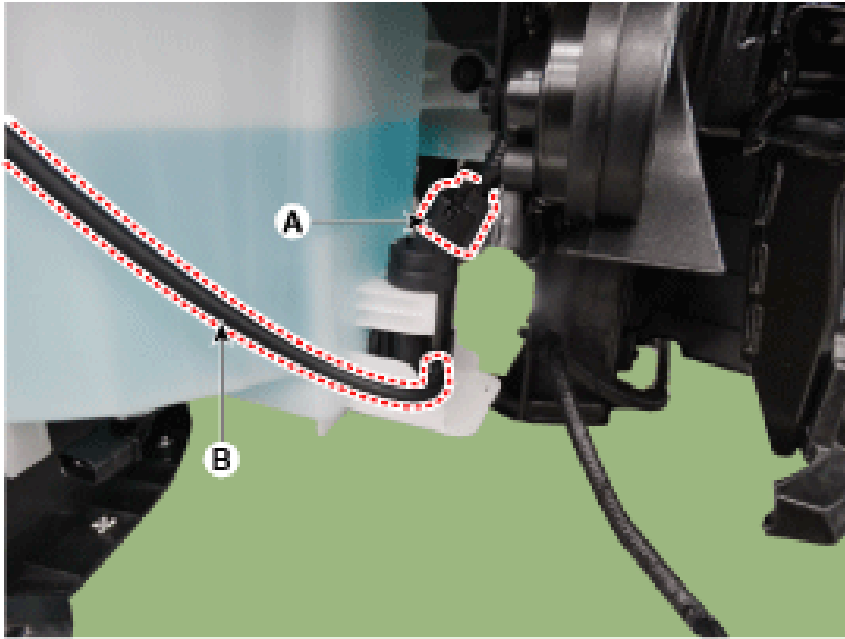
(Tolerance : -50cc ~ +100cc)

**- Removal**

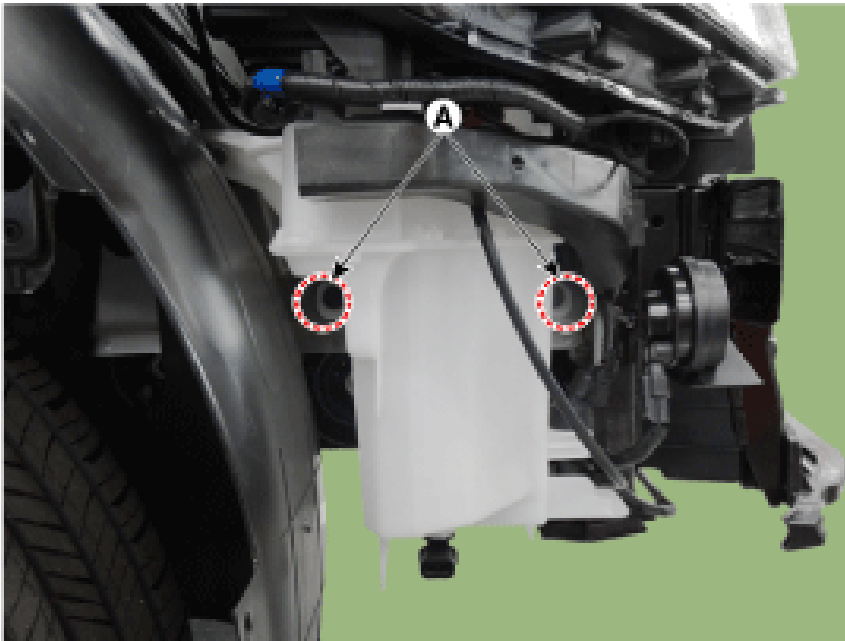
When servicing the washer pump , be careful not to damage the washer pump seal. Do not operate the washer pump before filling the washer reservoir . Failure to do so could result in premature pump failure.



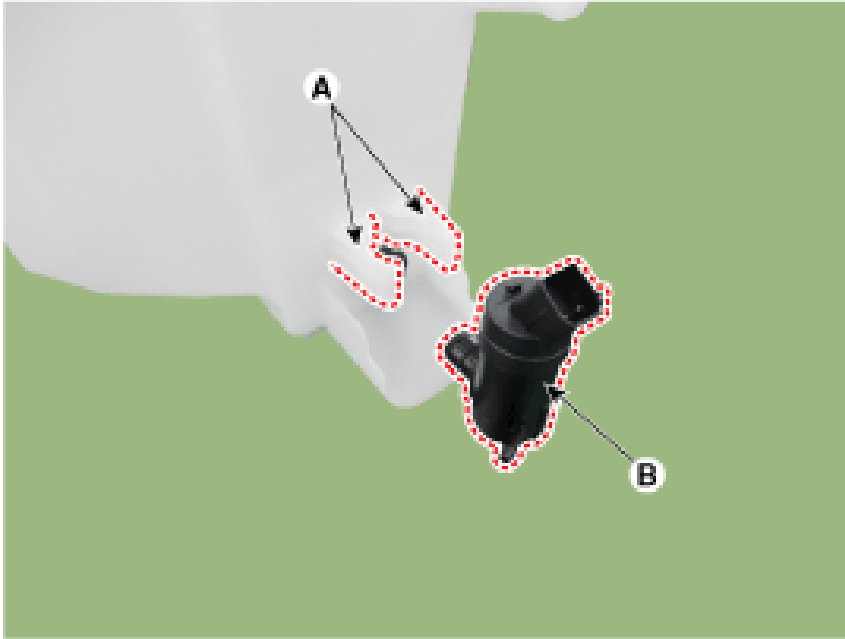
- When servicing the washer pump , be careful not to damage the washer pump seal.
- Do not operate the washer pump before filling the washer reservoir . Failure to do so could result in premature pump failure.
- Remove the right front wheel guard. (Refer to Body - "Front Wheel Guard")
- Remove the engine room under cover (Refer to Engine Mechanical System - "Engine Room Under Cover")
- Remove the washer hose (B) and disconnect the washer motor connector (A).



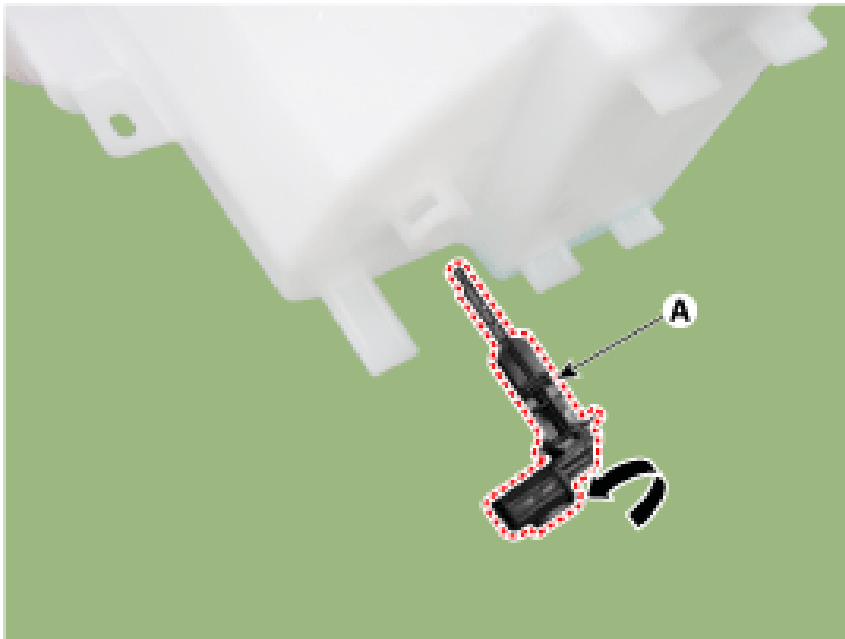
- Remove the reservoir washer inlet (A) after loosening the mounting bolt.



- Remove the washer motor (B) after disengaging the fixed hook (A).



- Remove the level sensor switch (A).



- Installation

- Install the washer reservoir. Before installing the pump motor, check the filter for foreign material or contamination. if necessary, clean the filter into the pump motor.
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- Before installing the pump motor, check the filter for foreign material or contamination. if necessary, clean the filter into the pump motor.
- Install the washer motor.
- Install the washer hose.
- Connect the washer motor connector and level sensor connector.
- Install the tire and wheel guide cover. (Refer to Body - "Front Wheel Guard")
- Install the engine room under cover. (Refer to Engine Mechanical System - "Engine Room Under Cover")
- Check the washer motor operation.