



Inspection

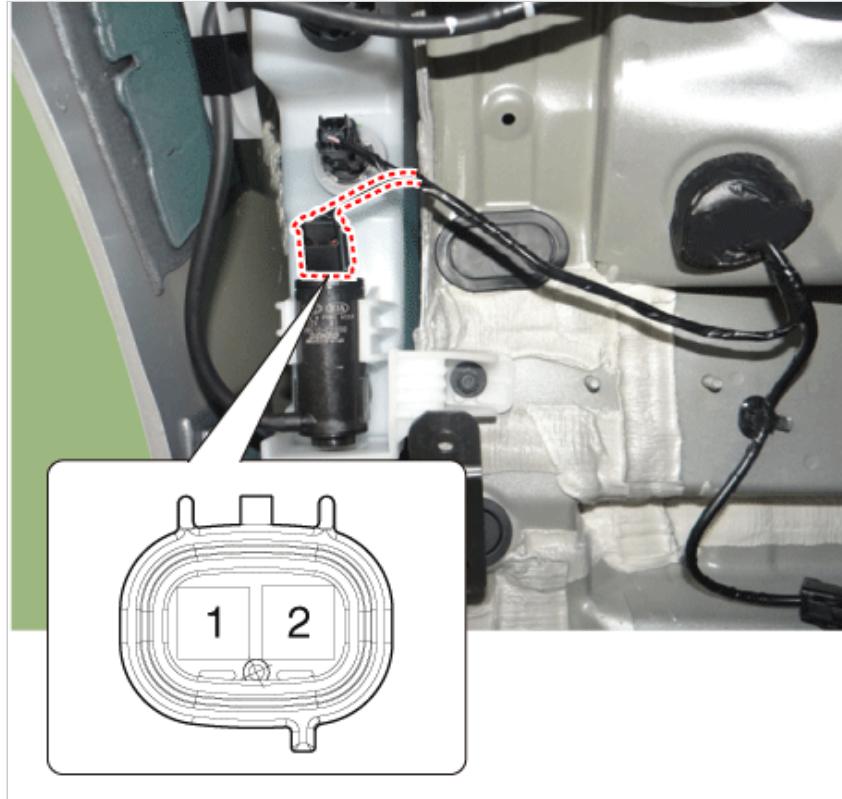
Front Washer Motor

1. With the washer motor connected to the reservoir tank, fill the reservoir tank with water.

NOTICE

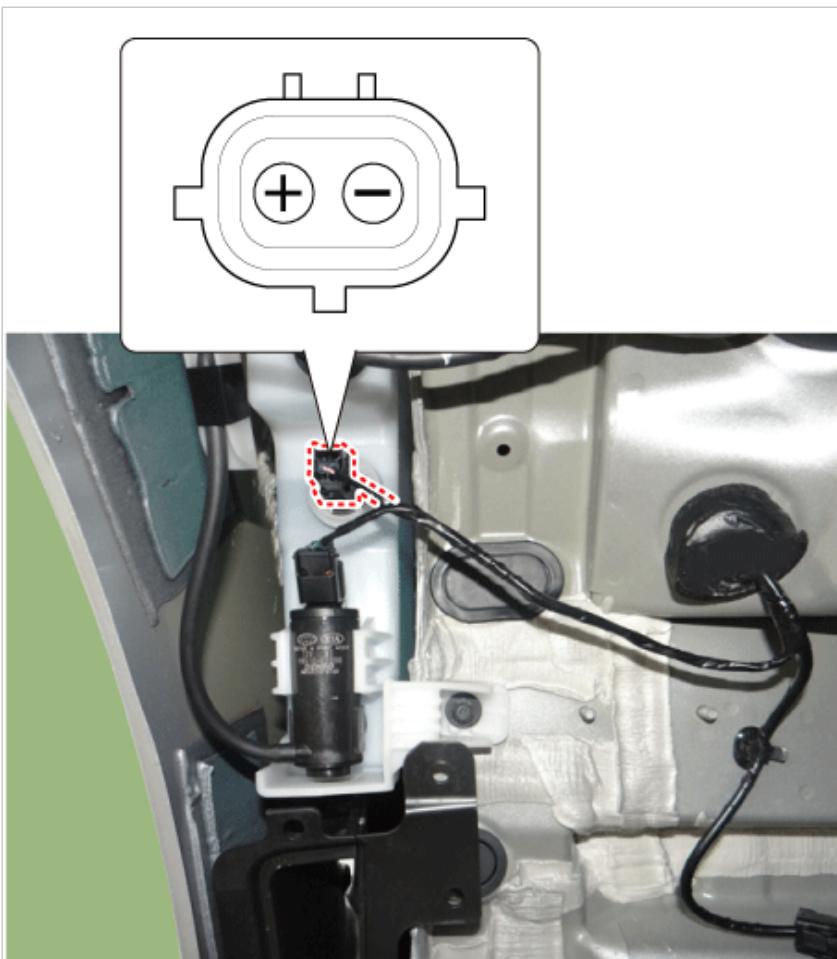
- Before filling the reservoir tank with water, check the filter for foreign material or contamination. If necessary, clean the filter.

2. Connect positive (+) battery cables to terminal 2 and negative (-) battery cables to terminal 1 respectively.
3. Check that the motor operates normally and the washer motor runs and water sprays from the front nozzles.
4. If they are abnormal, replace the washer motor.



Washer Fluid Level Sensor Switch

1. Disconnect the negative (-) battery terminal.
2. Drain the washer fluid less than 650 cc.
3. 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.
4. If the continuity is not as specified, replace the washer fluid level switch



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

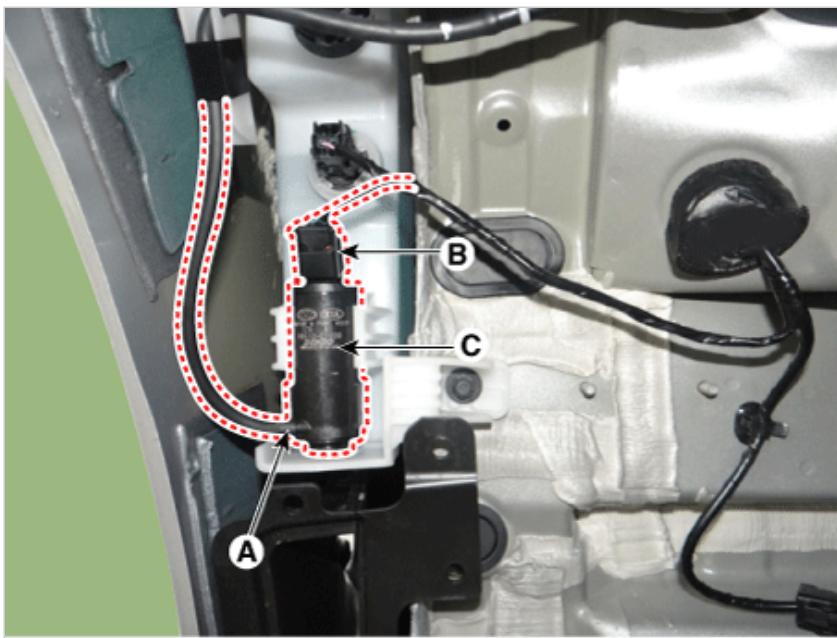
(Tolerance : -50cc ~ +100cc)

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

Removal

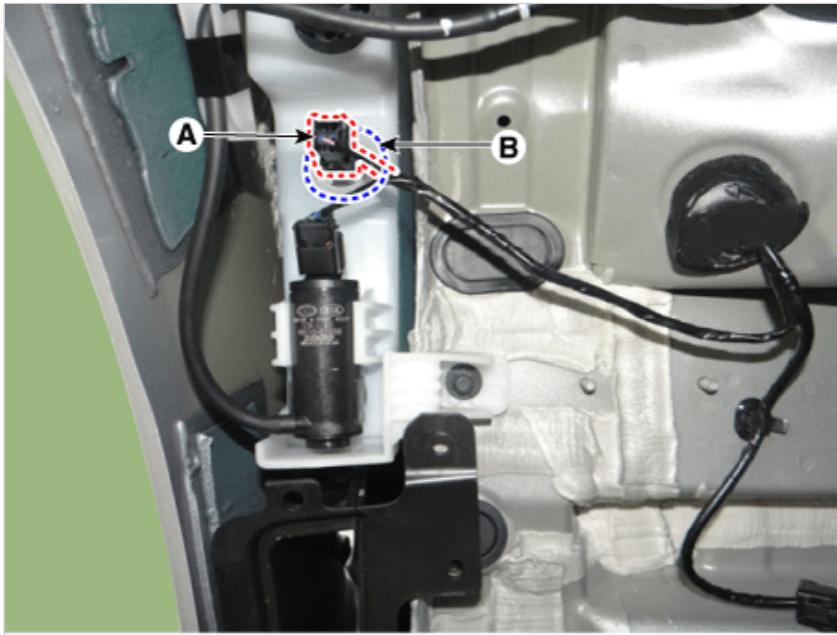
Front Washer Motor

1. Disconnect the negative (-) battery terminal.
2. Remove the engine room under cover.
G 2.0 T-GDI THETA II (Refer to Engine Mechanical System - "Engine Room Under Cover")
G 3.3 T-GDI LAMBDA II (Refer to Engine Mechanical System - "Engine Room Under Cover")
3. Remove the front wheel guard [RH].
(Refer to Body - "Front Wheel Guard")
4. Drain the washer fluid to less than 650 cc.
5. Disconnect the washer hose (A) and washer motor connector (B).
6. Remove the front washer motor (C).



Washer Fluid Level Sensor Switch

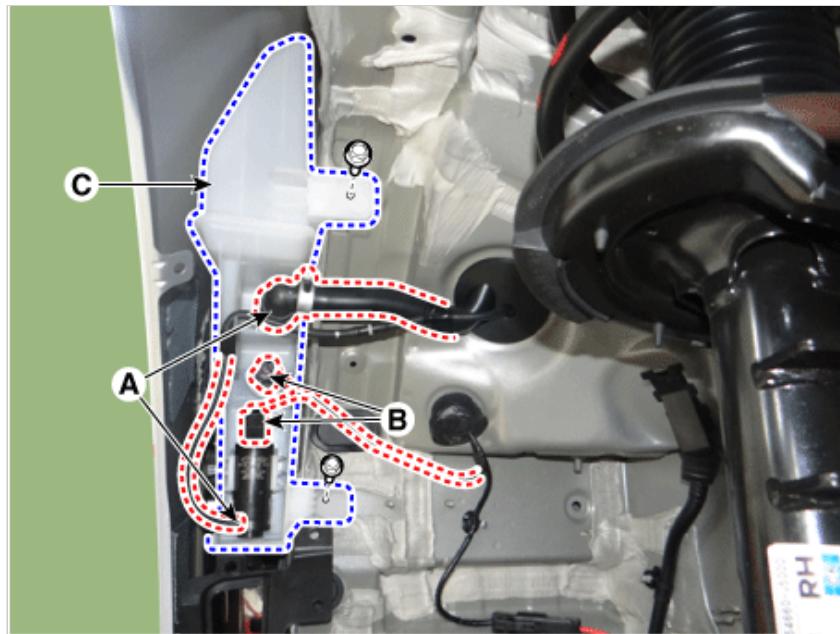
1. Disconnect the negative (-) battery terminal.
2. Remove the engine room under cover.
G 2.0 T-GDI THETA II (Refer to Engine Mechanical System - "Engine Room Under Cover")
G 3.3 T-GDI LAMBDA II (Refer to Engine Mechanical System - "Engine Room Under Cover")
3. Remove the front wheel guard [RH].
(Refer to Body - "Front Wheel Guard")
4. Drain the washer fluid to less than 650 cc.
5. Remove the washer fluid level sensor switch (B) after disconnecting the connector (A).



Reservoir Tank

1. Disconnect the negative (-) battery terminal.
2. Remove the front bumper assembly.
(Refer to Body - "Front Bumper Assembly")
3. Remove the front wheel guard [RH].
(Refer to Body - "Front Wheel Guard")

4. Drain the washer fluid to less than 650 cc.
5. Disconnect the washer hoses (A) and connector (B).
6. Remove the reservoir tank (C) after loosening the bolts.



Installation

Front Washer Motor

1. If necessary, clean the washer motor filter.

NOTICE

Before installing the pump motor, check the filter for any foreign material or contamination. If necessary, clean the filter in the pump motor.

2. Install the front washer motor.
3. Connect the front washer motor connector.
4. Install the front wheel guard [RH].
5. Install the engine room under cover.
6. Connect the negative (-) battery terminal.

Washer Fluid Level Sensor Switch

1. If necessary, clean the washer motor filter.

NOTICE

Before installing the pump motor, check the filter for any foreign material or contamination. If necessary, clean the filter in the pump motor.

2. Install the washer fluid level sensor switch.
3. Connect the washer fluid level sensor switch connector.
4. Install the front wheel guard [RH].
5. Install the engine room under cover.
6. Connect the negative (-) battery terminal.

Reservoir Tank

1. If necessary, clean the washer motor filter.

NOTICE

Before installing the pump motor, check the filter for any foreign material or contamination. If necessary, clean the filter in the pump motor.

2. Install the reservoir tank.
3. Install the washer motor hose and connectors.
4. Install the front wheel guard [RH].
5. Install the front bumper assembly.
6. Connect the negative (-) battery terminal.