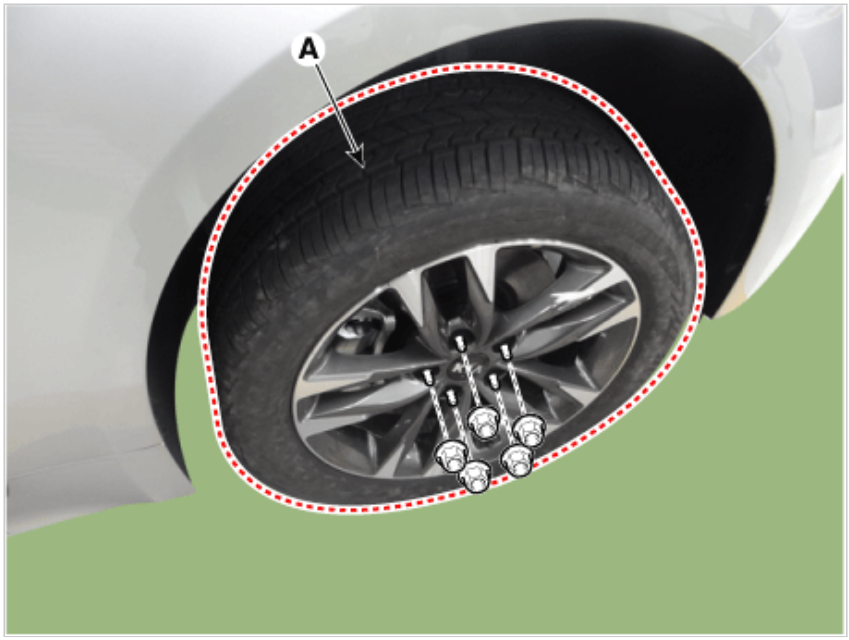
Removal

[NON ECS]

1. Remove wheel nuts, wheel and tire (A) from hub.

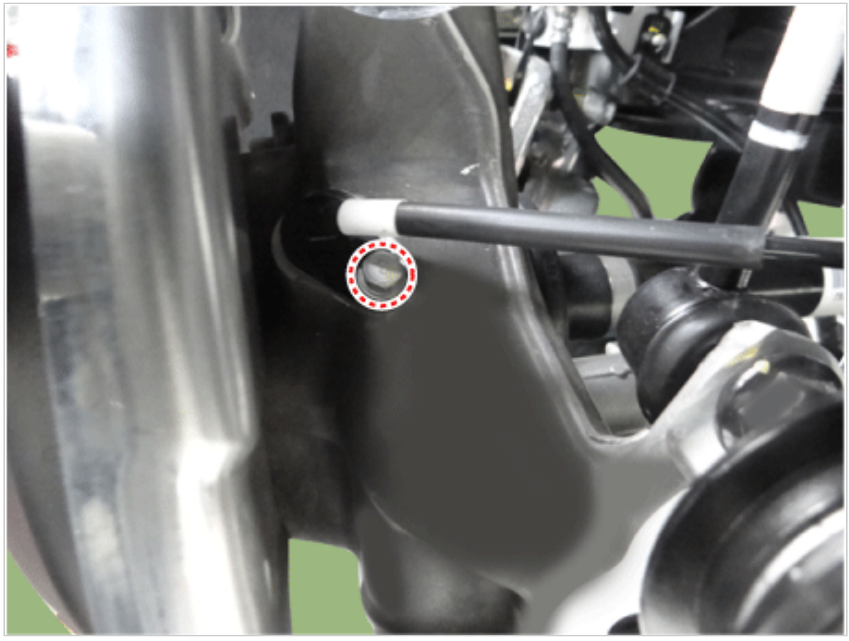
Tightening torque :
107.9 - 127.5 N·m (11.0 - 13.0 kgf·m, 79.6 - 94.0 lb·ft)



NOTICE
Be careful not to damage the hub bolts when removing the wheel and tire.

2. Loosen the rear wheel speed sensor bolt and then remove the rear wheel speed sensor.

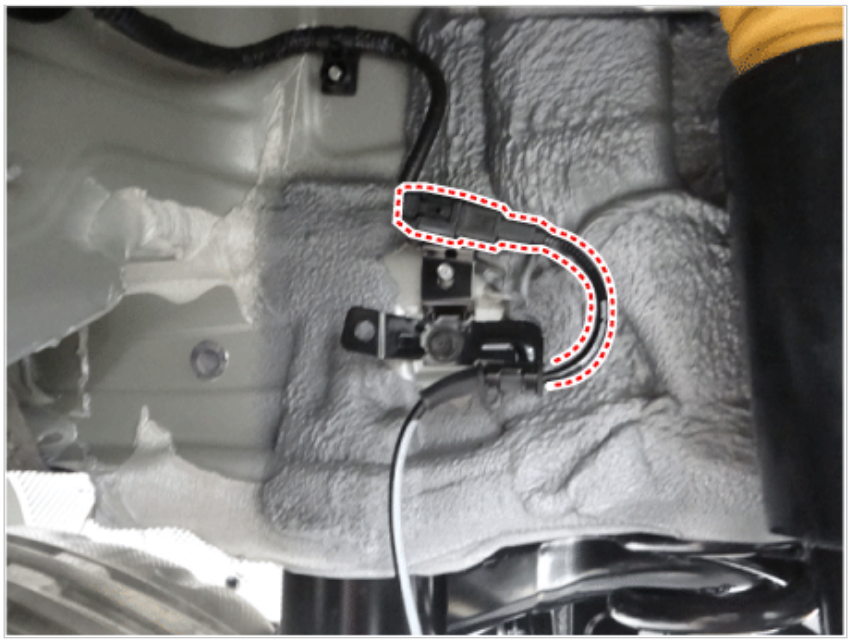
Tightening torque:
6.9 - 10.8 N·m (0.7 - 1.1 kgf·m, 5.1 - 7.6 lb·ft)



3. Loosen the rear wheel speed sensor bracket bolt.

Tightening torque:
6.9 - 10.8 N·m (0.7 - 1.1 kgf·m, 5.1 - 7.6 lb·ft)

4. Disconnect the rear wheel speed sensor connector.

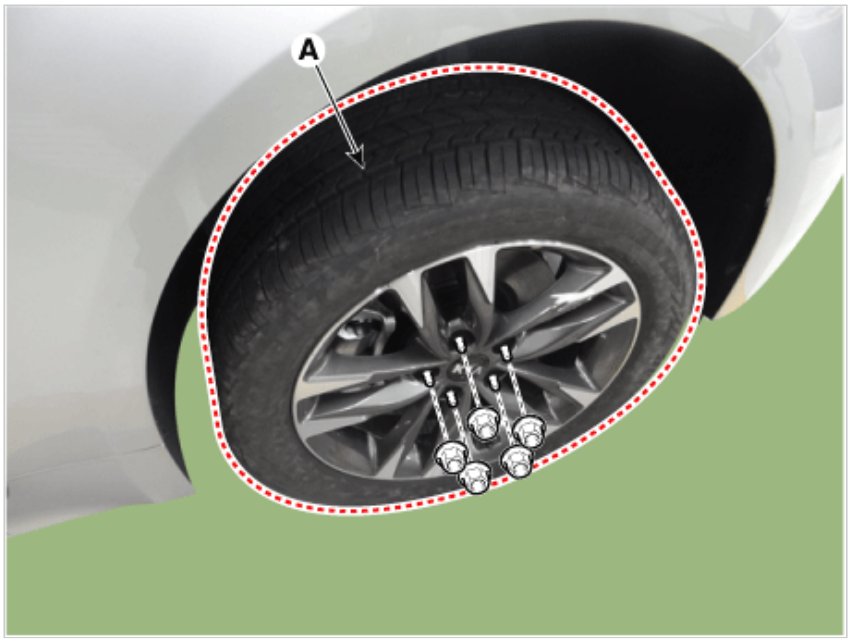


5. Install in the reverse order of removal.

[ECS]

1. Remove wheel nuts, wheel and tire (A) from hub.

Tightening torque :
107.9 - 127.5 N·m (11.0 - 13.0 kgf·m, 79.6 - 94.0 lb·ft)

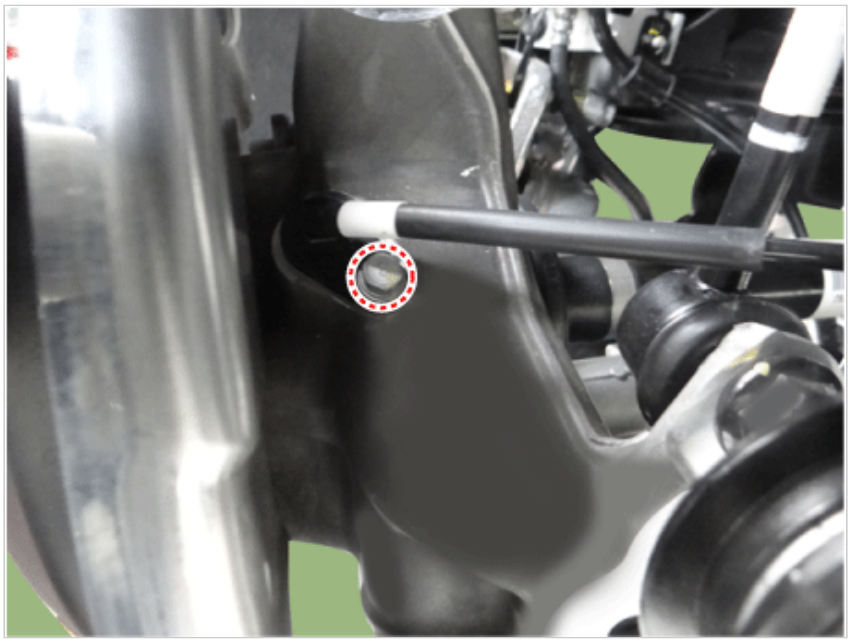


NOTICE

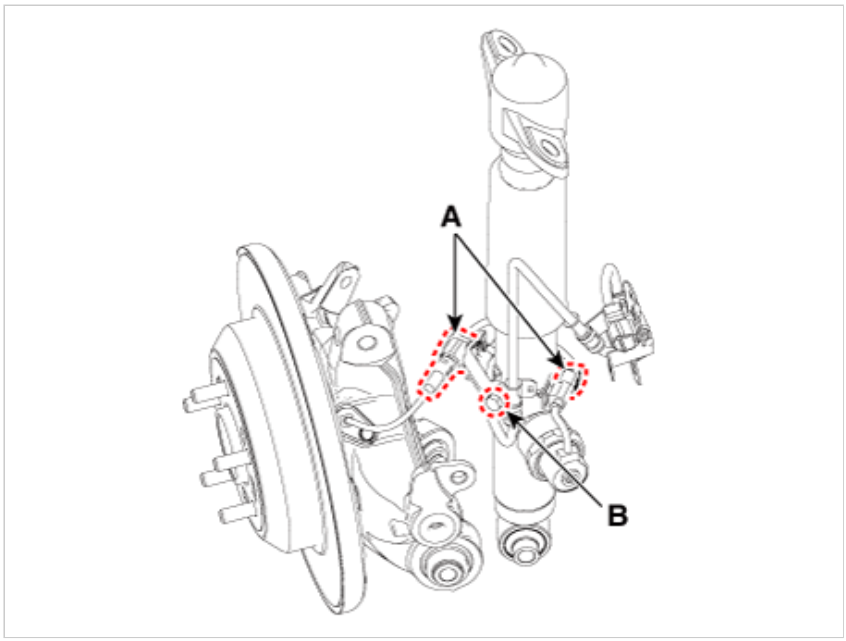
Be careful not to damage the hub bolts when removing the wheel and tire.

2. Loosen the rear wheel speed sensor bolt and then remove the rear wheel speed sensor.

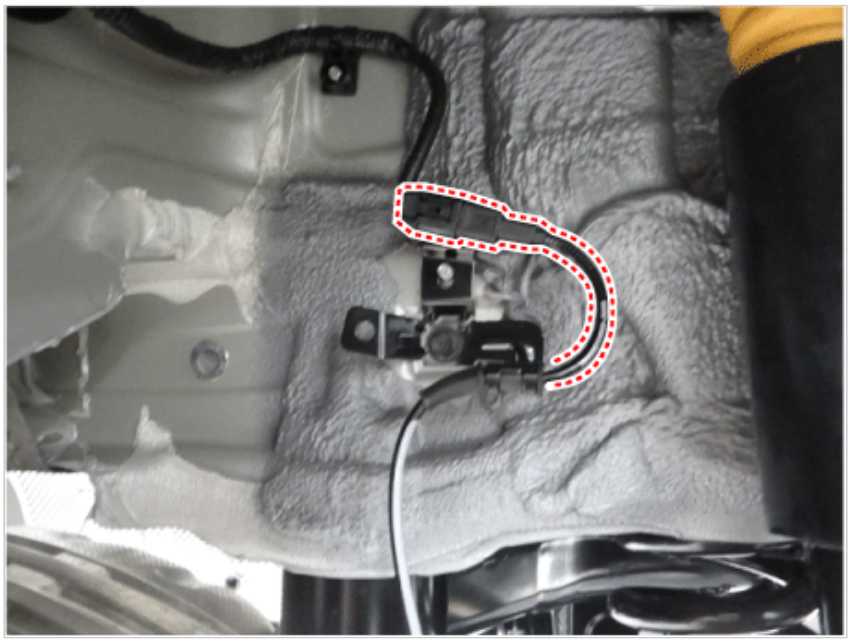
Tightening torque:
6.9 - 10.8 N·m (0.7 - 1.1 kgf·m, 5.1 - 7.6 lb·ft)



3. Disconnect the ECS connector (A).
4. Loosen the ECS connector bracket bolt (B).



5. Disconnect the rear wheel speed sensor connector.

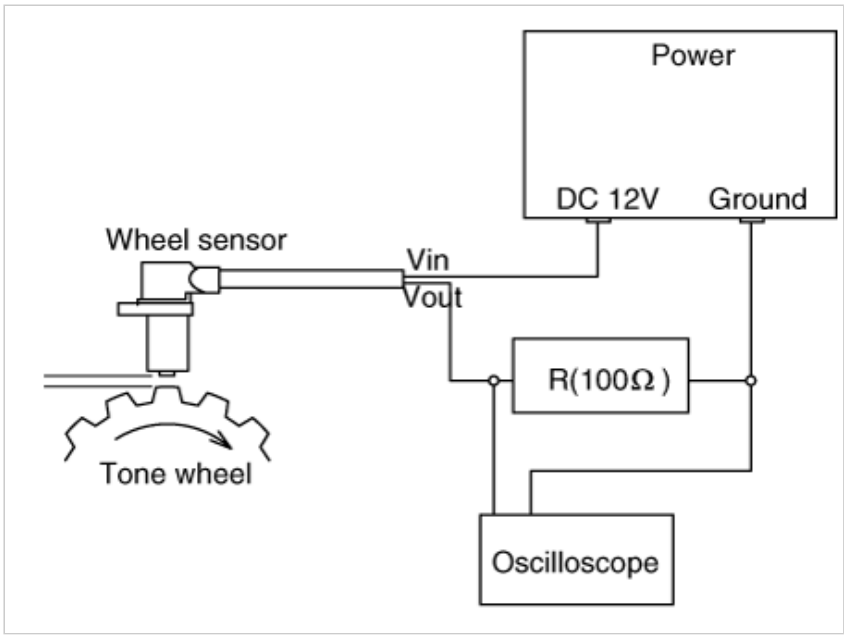


6. Install in the reverse order of removal.

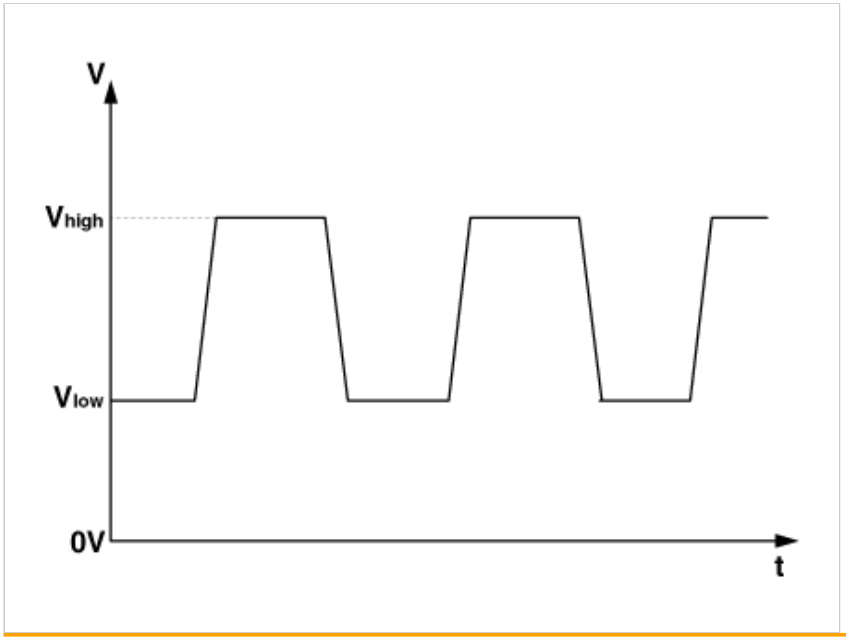
Inspection

1. Measure the output voltage between the terminal of the wheel speed sensor and the body ground.

> **NOTICE**
> In order to protect the wheel speed sensor, when measuring output voltage, a 100 Ω resister must be used as shown.



2. Compare the change of the output voltage of the wheel speed sensor to the normal change of the output voltage as shown below.



V_low : 0.59V - 0.84V
V_high : 1.18V - 1.68V
Frequency range : 1 - 2,500Hz