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REMOVAL

[2WD Lateral arm]

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

Tightening torque:

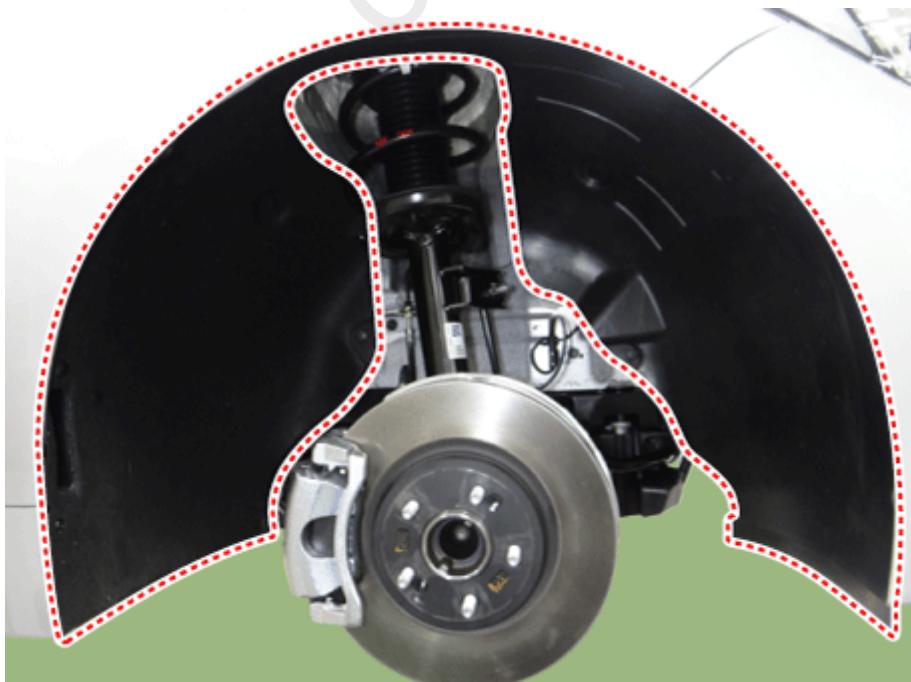
107.9 - 127.5 N·m (11.0 - 13.0 kgf·m, 79.6 - 94.0 lb·ft)



NOTICE

Be careful not to damage the wheel bolts when removing the wheel and tire (A).

2. Remove the front wheel guard.



3. Remove the front stabilizer bar.
(Refer to Suspension System - "Front Stabilizer Bar")

English 

4. Remove the engine room side cover.
D 2.2 R VGT (Refer to Engine Mechanical System - "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")

5. Remove the lateral arm.

Tightening torque:

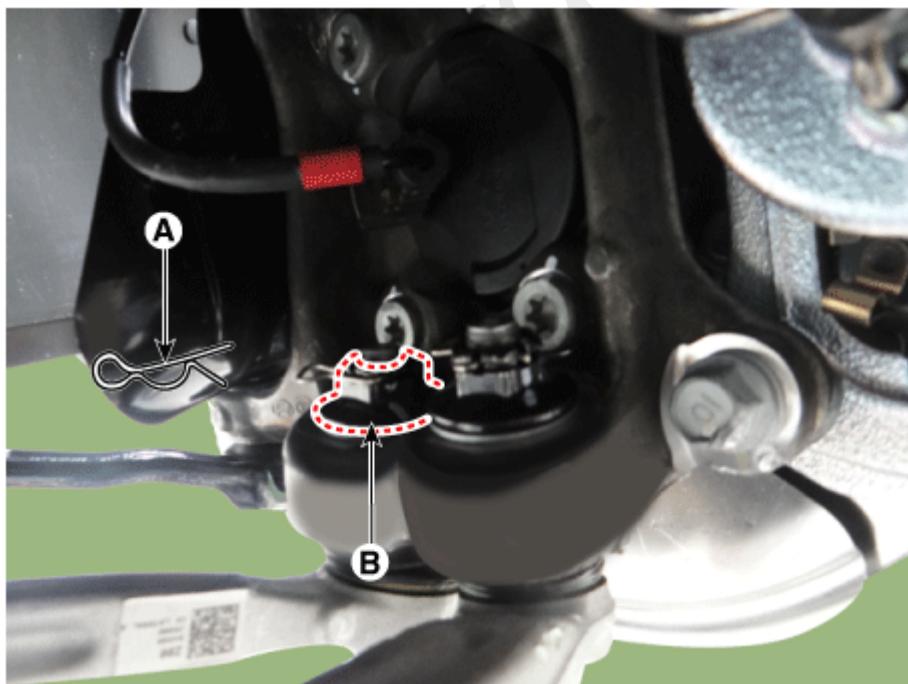
117.7 - 132.4 N·m (12.0 - 13.5 kgf·m, 86.8 - 97.6 lb·ft)



6. Loosen the lateral arm pin (A) and nut (B).

Tightening torque:

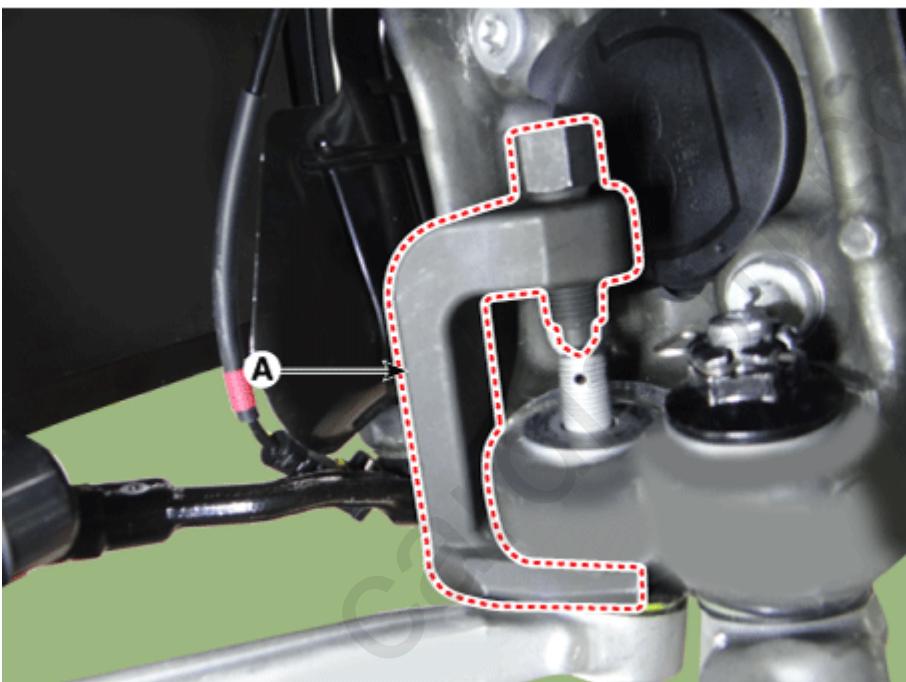
88.3 - 107.9 N·m (9.0 - 11.0 kgf·m, 65.1 - 79.6 lb·ft)



7. Disconnect the wheel speed sensor connector.



8. Remove the lateral arm by using the ball joint remover (A).



9. Install in the reverse order of removal.

NOTICE

Install at the empty vehicle height when it is assembled.

10. Check the front alignment.
(Refer to Suspension System - "Alignment")

[AWD Lateral arm]

1. Remove wheel nuts, front 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 wheel bolts when removing the wheel (A).

2. Remove the engine room side cover.

D 2.2 R VGT (Refer to Engine Mechanical System - "Engine Room Under cover")

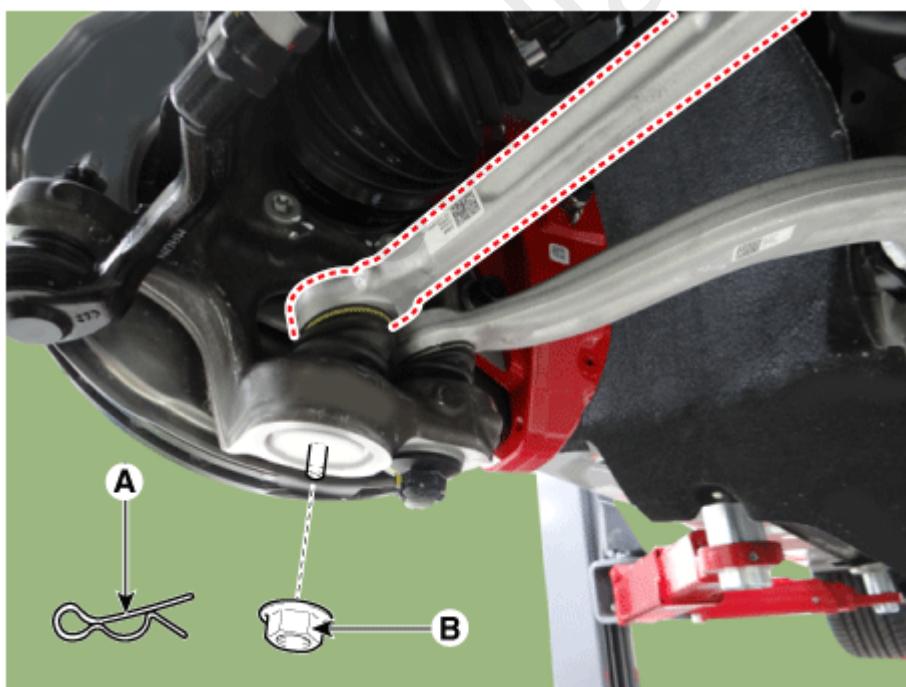
G 2.0 T-GDI THETA II (Refer to Engine Mechanical System - "Engine Room Under cover")

G 3.3 T-GDI LAMBDA II (Refer to Engine Mechanical System - "Engine Room Under cover")

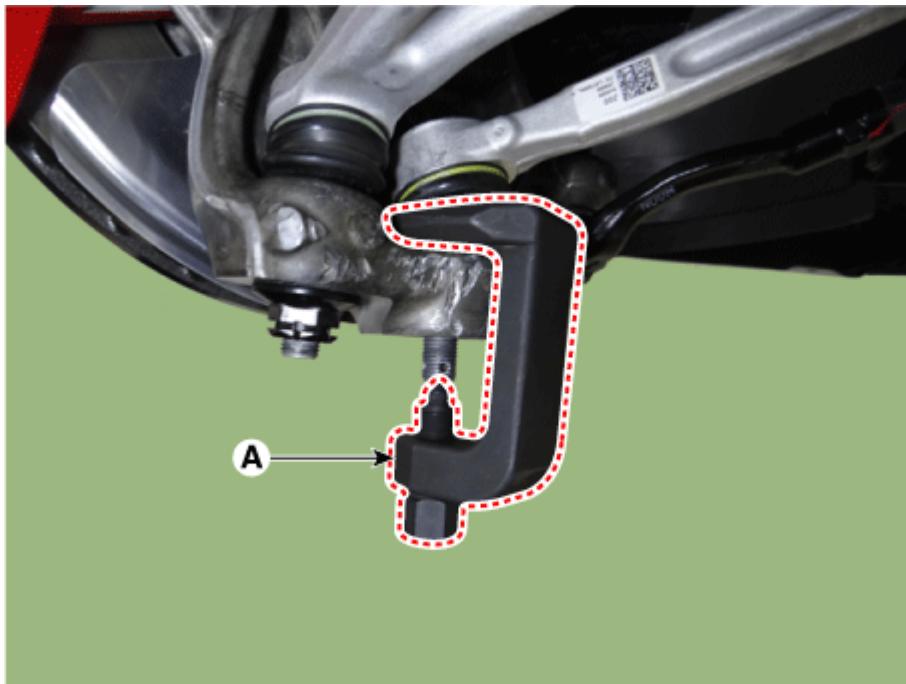
3. Loosen the lateral arm pin (A) and nut (B).

Tightening torque :

88.3 - 107.9 N·m (9.0 - 11.0 kgf·m, 65.1 - 79.6 lb·ft)



4. Remove the lateral arm by using the ball joint remover (A).



5. Remove the lateral arm.

Tightening torque :

117.7 - 132.4 N·m (12.0 - 13.5 kgf·m, 86.8 - 97.6 lb·ft)



6. Install in the reverse order of removal.

NOTICE

Install at the empty vehicle height when it is assembled.

7. Check the front alignment.

(Refer to Suspension System - "Alignment")

[2WD Compression arm]

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

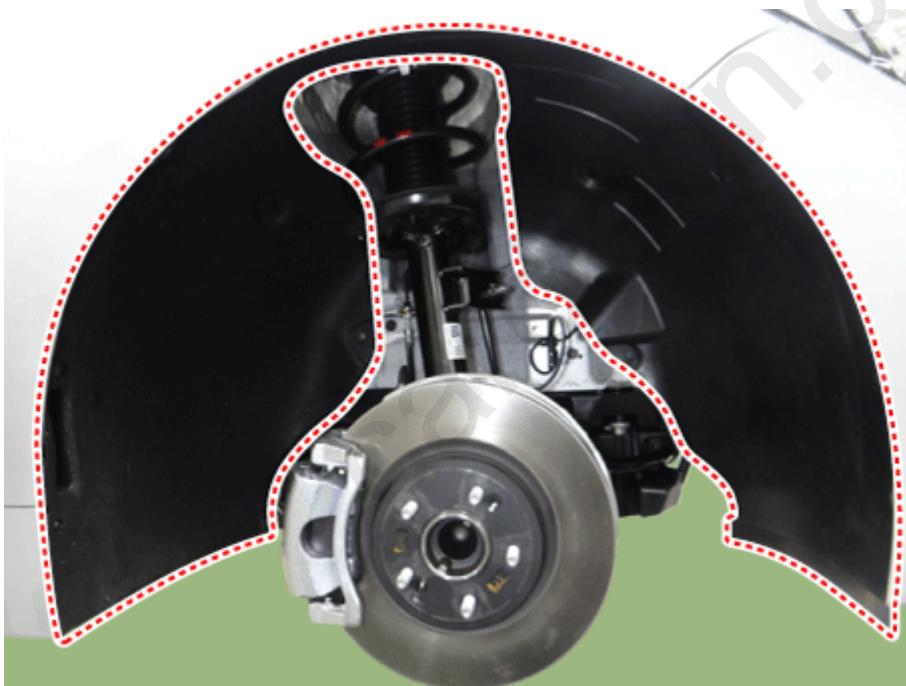
Tightening torque:

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 wheel bolts when removing the wheel and tire (A).

2. Remove the front wheel guard.



3. Remove the front stabilizer bar.

(Refer to Suspension System - "Front Stabilizer Bar")

4. Remove the engine room side cover.

D 2.2 R VGT (Refer to Engine Mechanical System - "Engine Room Under cover")

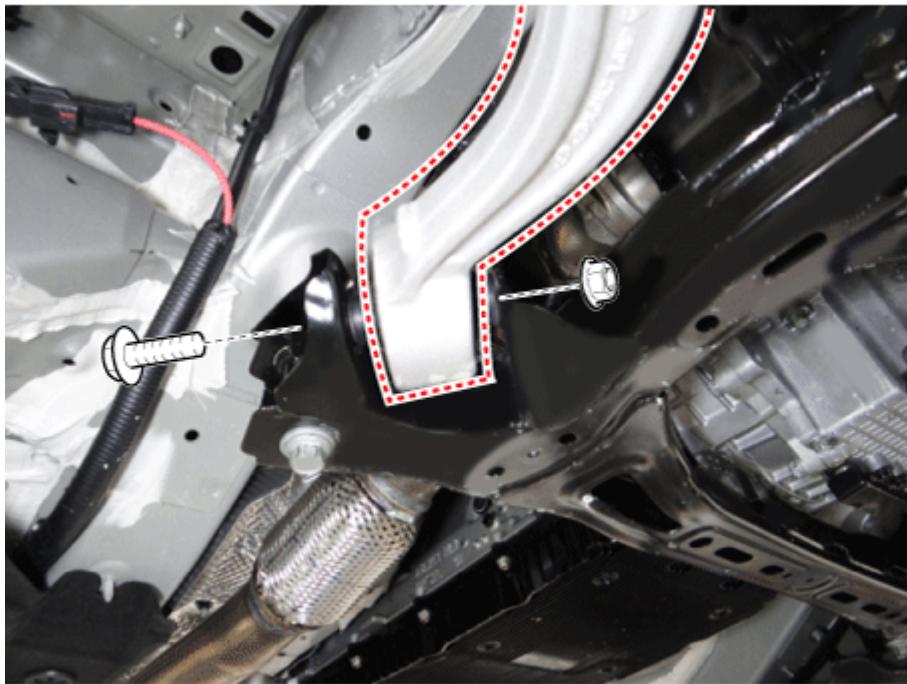
G 2.0 T-GDI THETA II (Refer to Engine Mechanical System - "Engine Room Under cover")

G 3.3 T-GDI LAMBDA II (Refer to Engine Mechanical System - "Engine Room Under cover")

5. Loosen the compression arm bolt & nut from the subframe.

Tightening torque :

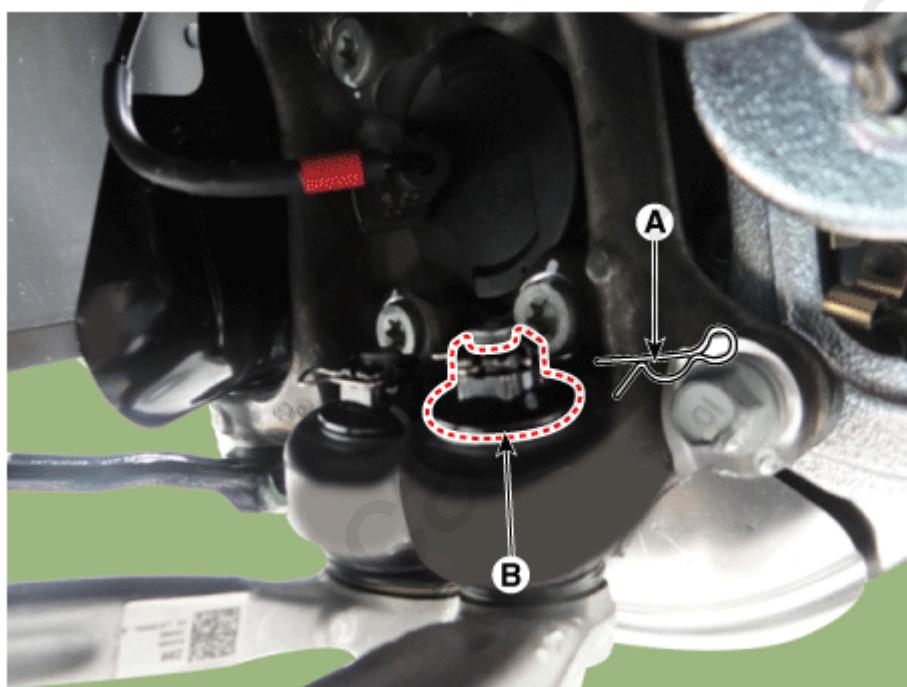
156.9 - 176.5 N·m (16.0 - 18.0 kgf·m, 115.7 - 130.2 lb·ft)



6. Loosen the compression arm pin (A) and nut (B).

Tightening torque :

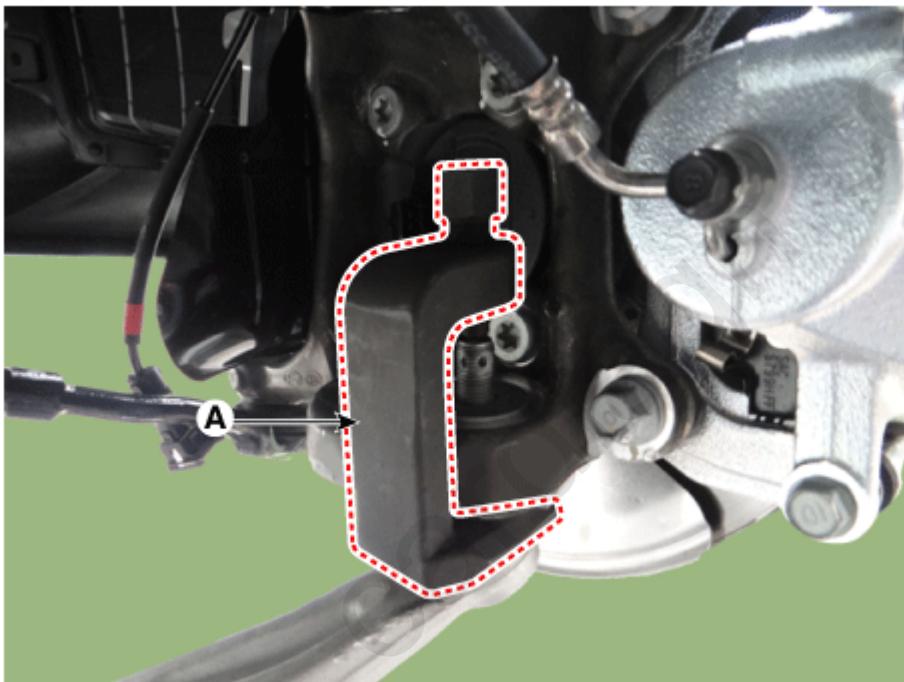
88.3 - 107.9 N·m (9.0 - 11.0 kgf·m, 65.1 - 79.6 lb·ft)



7. Disconnect the wheel speed sensor connector.



8. Remove the compression arm by using the ball joint remover (A).



9. Install in the reverse order of removal.

NOTICE

Install at the empty vehicle height when it is assembled.

10. Check the front alignment.
(Refer to Suspension System - "Alignment")

[AWD Compression arm]

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

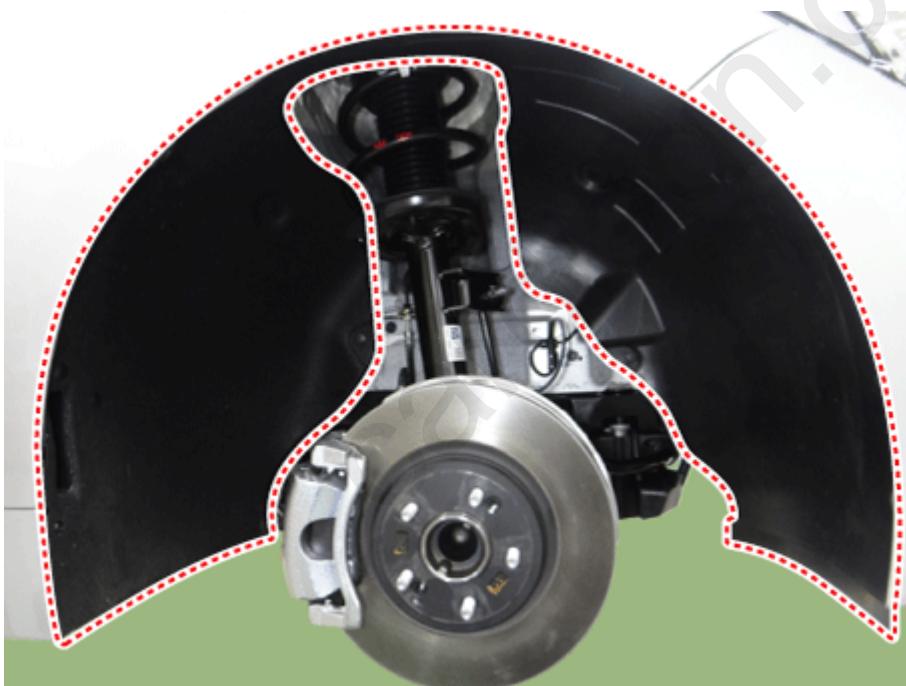
Tightening torque:

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 wheel bolts when removing the wheel and tire (A).

2. Remove the front wheel guard.



3. Remove the engine room side cover.

D 2.2 R VGT (Refer to Engine Mechanical System - "Engine Room Under cover")

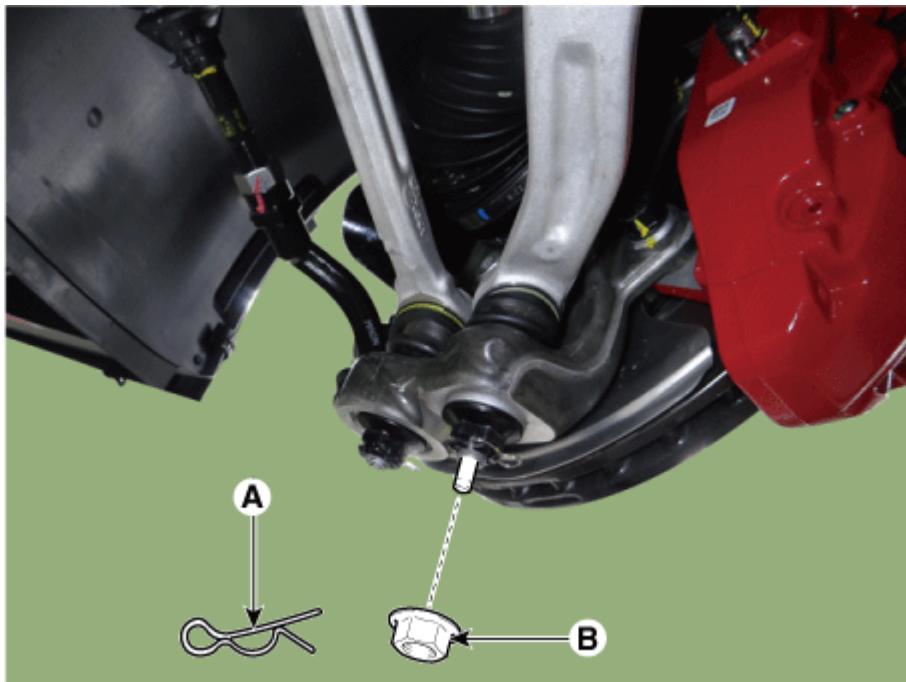
G 2.0 T-GDI THETA II (Refer to Engine Mechanical System - "Engine Room Under cover")

G 3.3 T-GDI LAMBDA II (Refer to Engine Mechanical System - "Engine Room Under cover")

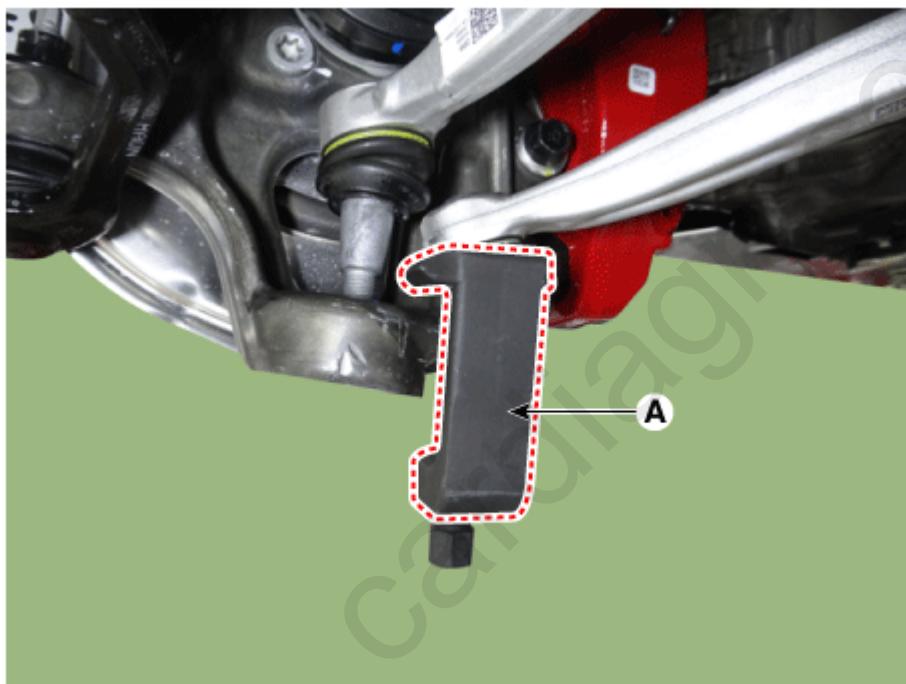
4. Loosen the compression arm pin (A) and nut (B).

Tightening torque :

88.3 - 107.9 N·m (9.0 - 11.0 kgf·m, 65.1 - 79.6 lb·ft)



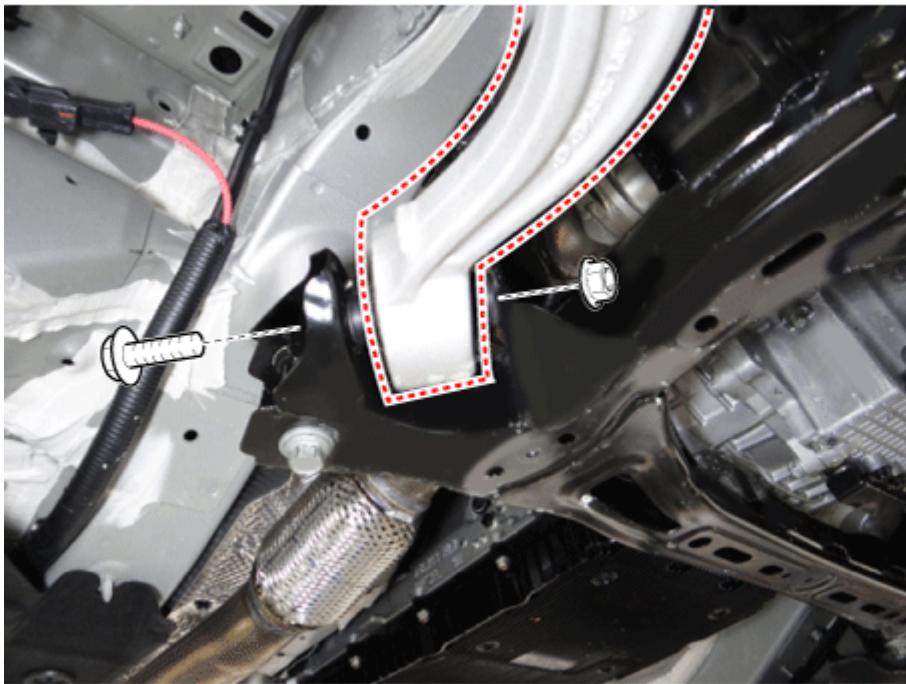
5. Remove the compression arm by using the ball joint remover (A).



6. Loosen the compression arm bolt & nut from the subframe.

Tightening torque :

156.9 - 176.5 N·m (16.0 - 18.0 kgf·m, 115.7 - 130.2 lb·ft)



7. Install in the reverse order of removal.

NOTICE

Install at the empty vehicle height when it is assembled.

8. Check the front alignment.
(Refer to Suspension System - "Alignment")

INSPECTION

1. Check the lower arm bushings for damage or signs of aging. If necessary, replace the lower arm assembly.
2. Check the lateral arm for damage or deformation.
3. Check the all bolts.

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