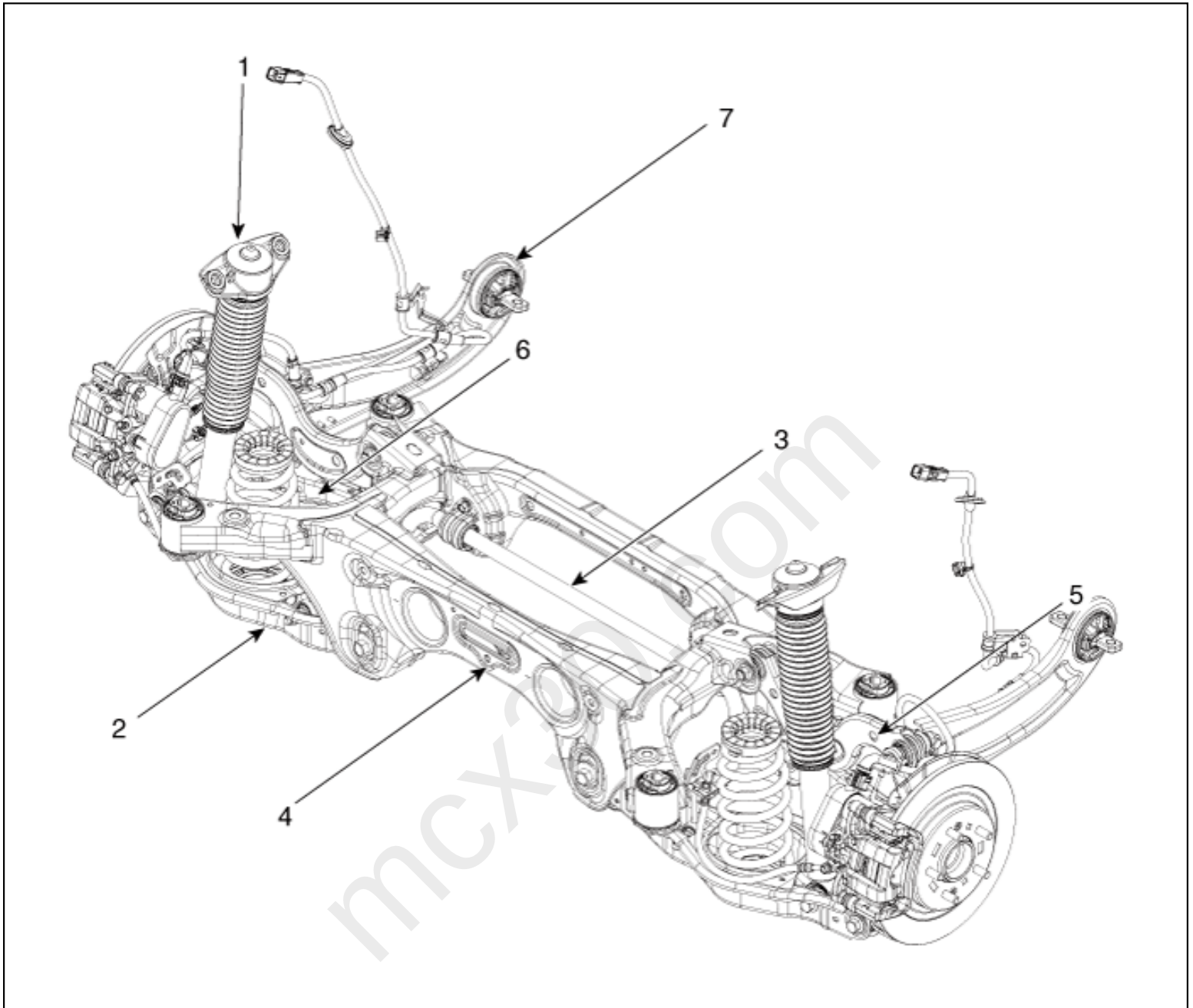


Components

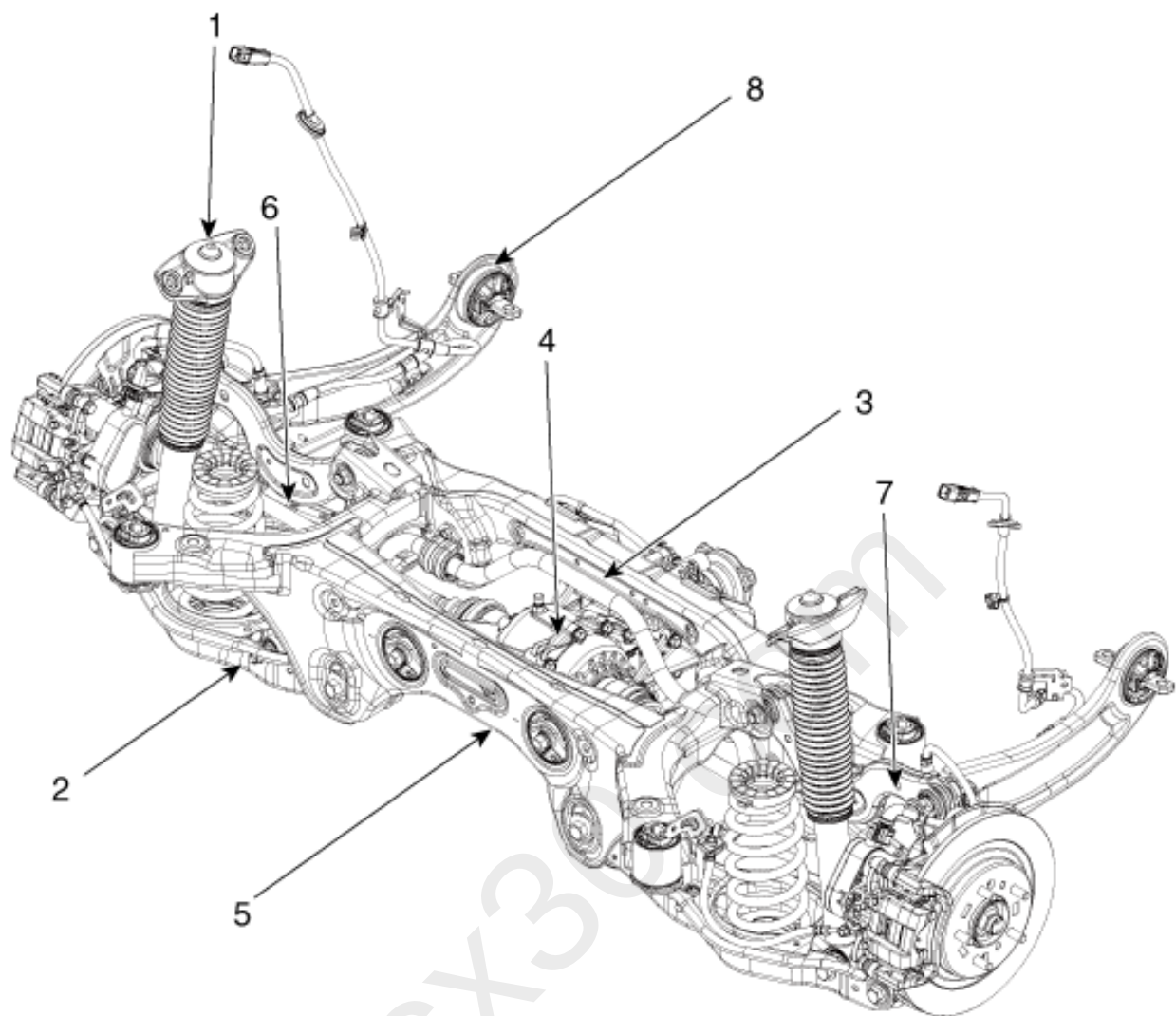
[2WD]



- 1. Rear shock absorber
- 2. Rear lower arm
- 3. Rear stabilizer bar
- 4. Rear sub frame

- 5. Rear upper arm
- 6. Rear assist arm
- 7. Trailing arm

[4WD]



- 1. Rear shock absorber
- 2. Rear lower arm
- 3. Rear stabilizer bar
- 4. Rear differential carrier

- 5. Rear sub frame
- 6. Rear driveshaft
- 7. Rear upper arm
- 8. Trailing arm

Components



- 1. Lock nut
- 2. Insulator assembly

- 3. Dust cover
- 4. Rear shock absorber

Removal



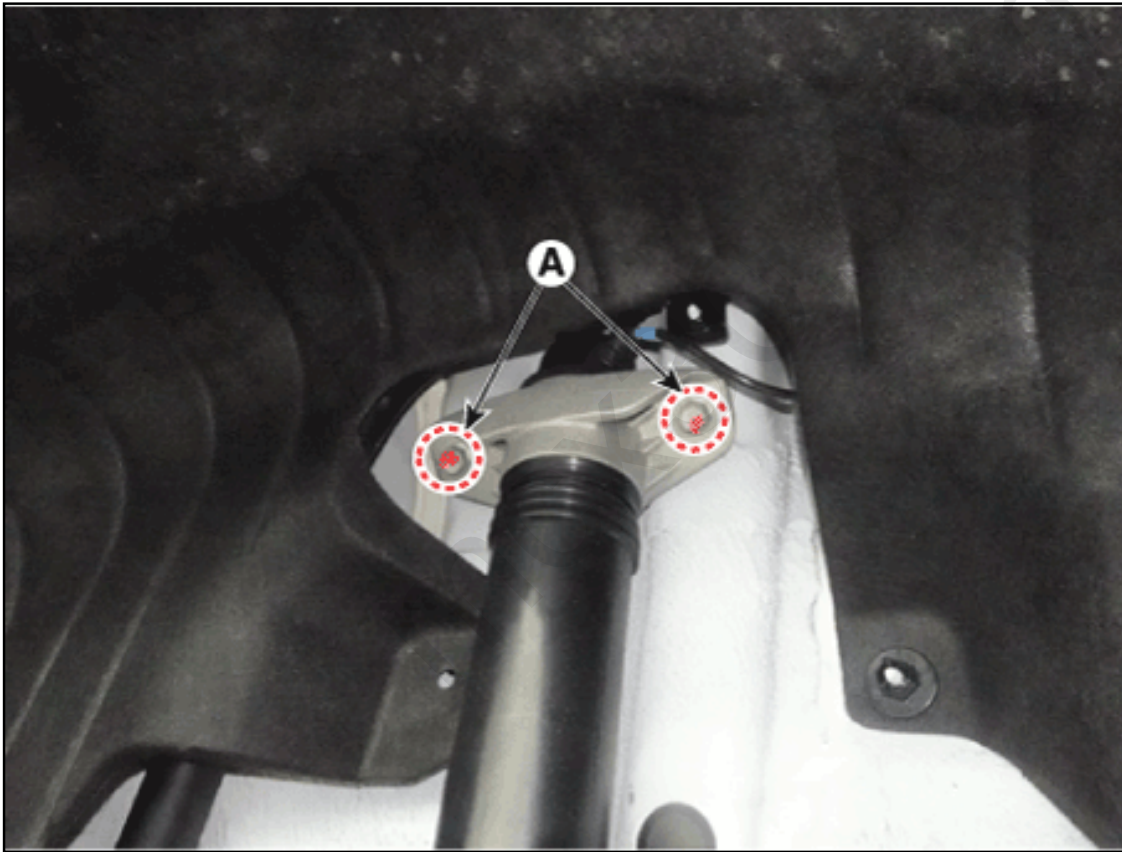
- When lifting a vehicle using a lift, be careful not to damage the lower parts of the vehicle (floor under cover, fuel filter, fuel tank, canister).

(Refer to General Information - "Lift Point")

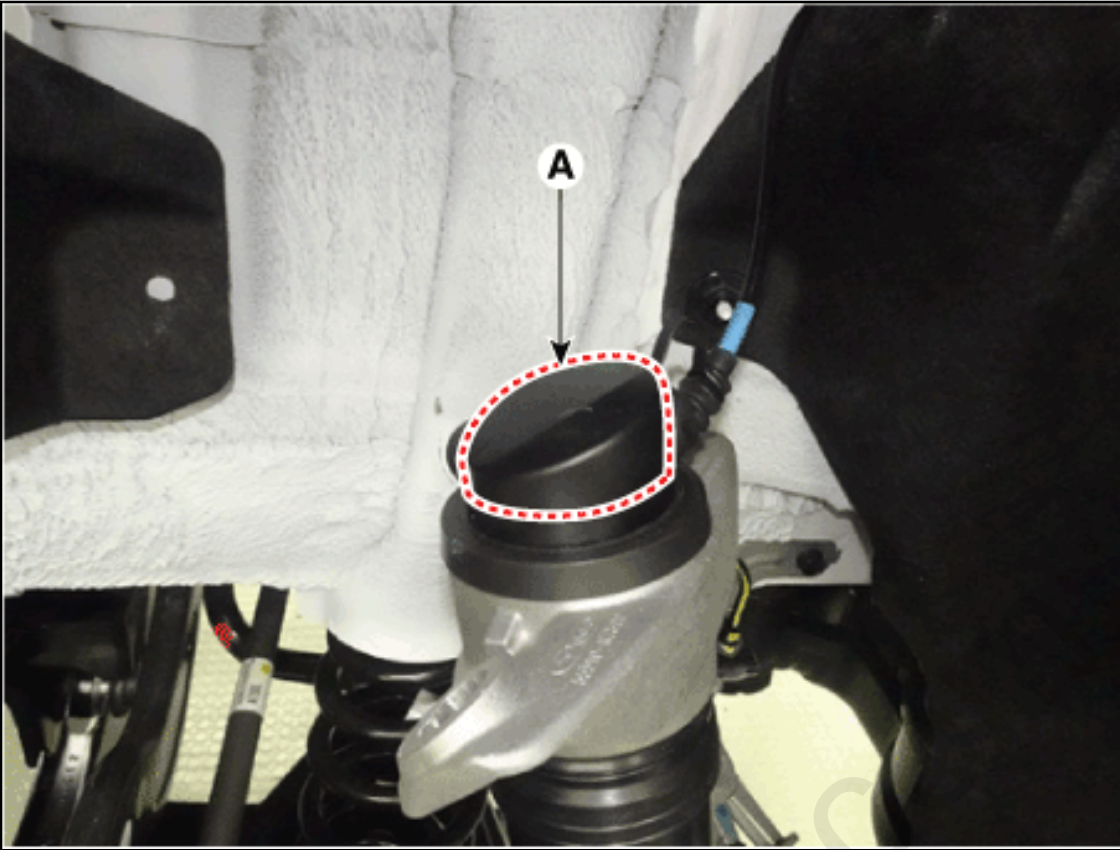
1. Loosen the rear wheel nuts slightly.
Raise the vehicle, and make sure it is securely supported.
2. Remove the rear wheel and tire.
(Refer to Suspension System - "Wheel")
3. Loosen the rear shock absorber mounting bolts (A).

Tightening torque :

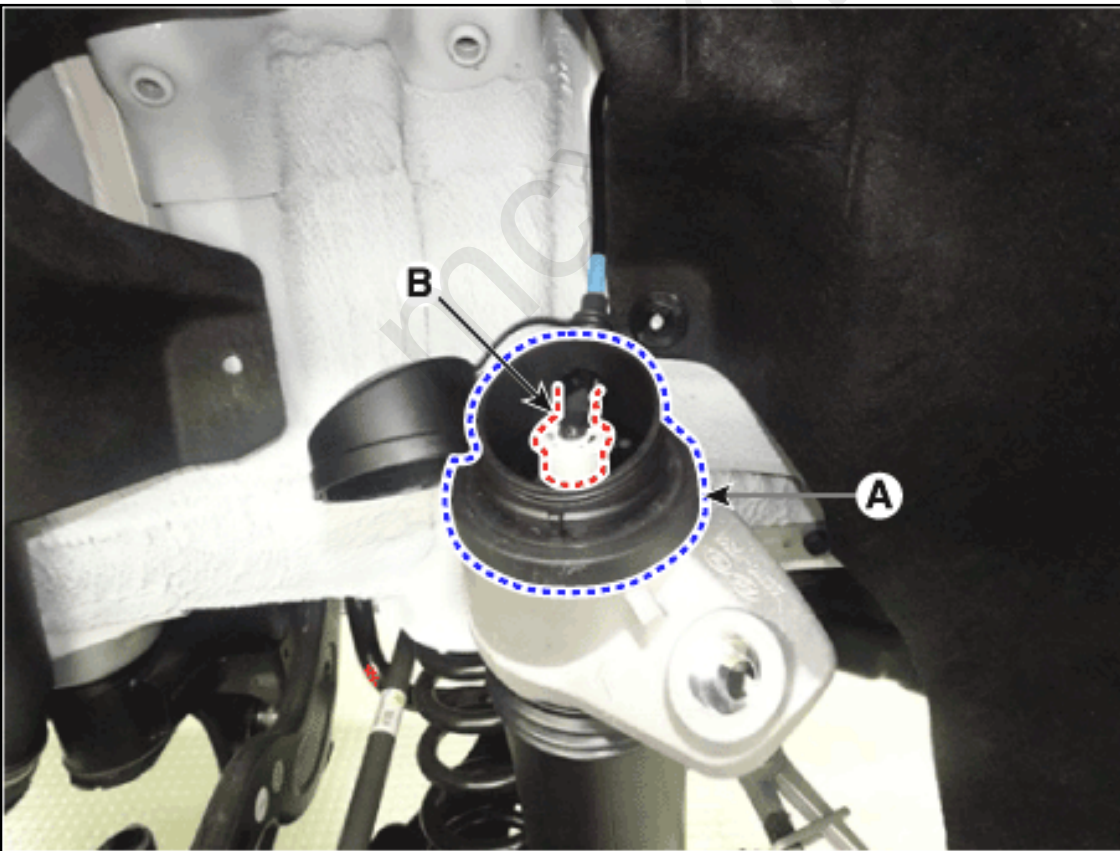
49.0 - 63.7 N.m (5.0 - 6.5 kgf.m, 36.2 - 47.0 lb-ft)



4. Remove the service cover (A).



5. Disconnect the continuously variable damping control connector (A) and then removing the cap (B).



6. Remove the rear shock absorber (A) from the rear lower arm after loosening the mounting bolt and nut.

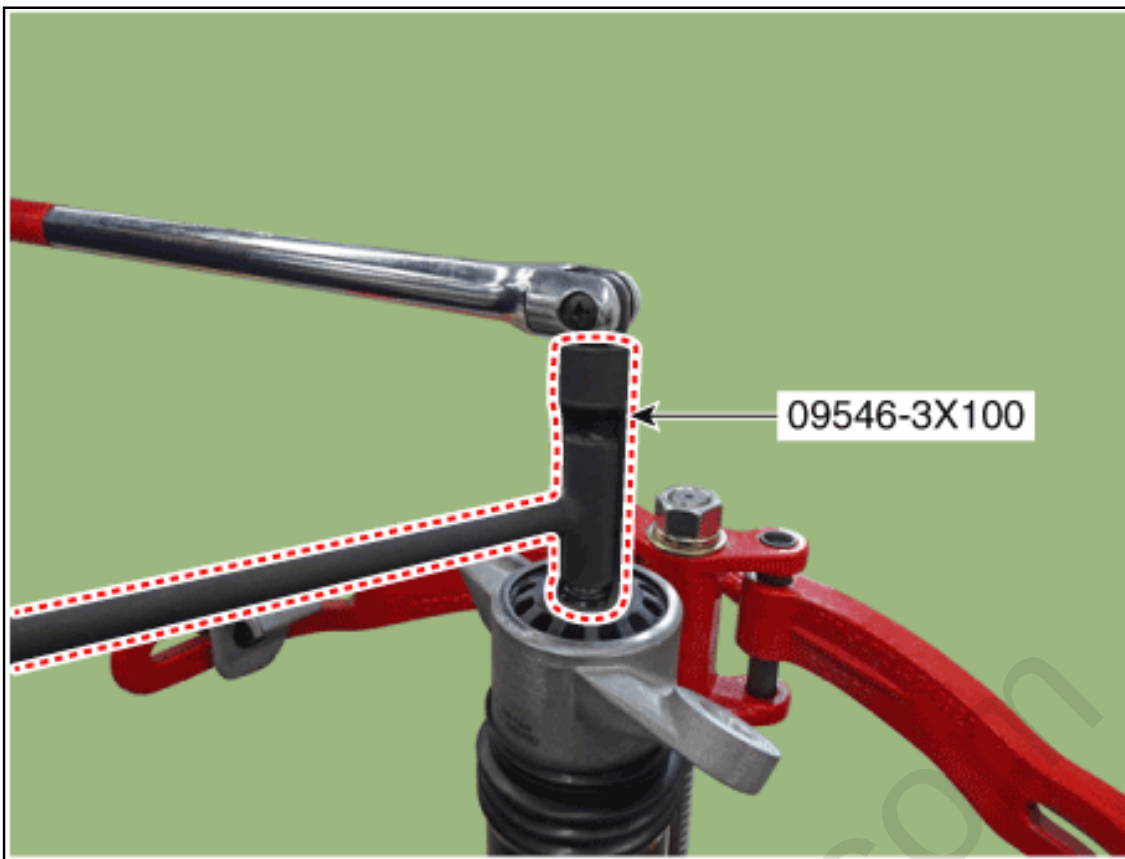
Tightening torque :

137.2 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.2 - 115.7 lb-ft)

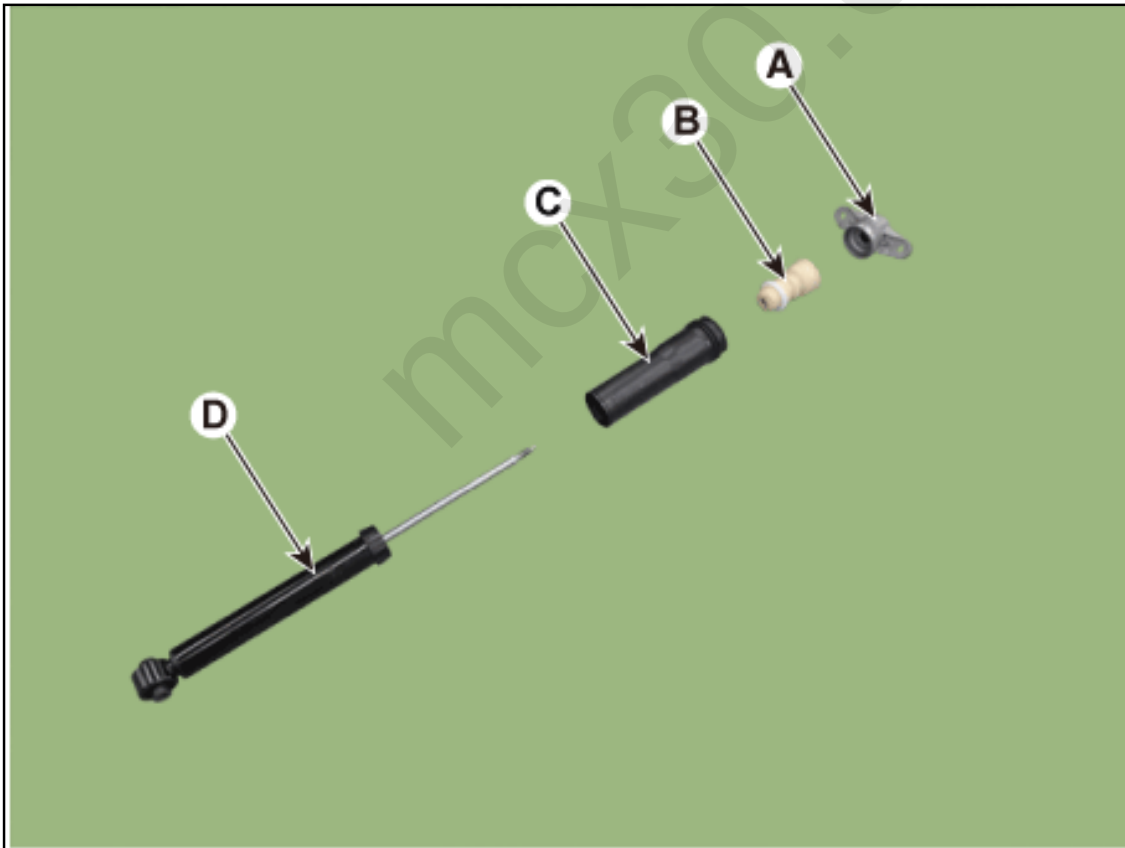


Disassembly

1. Using the special tool (09546-3X100), install the self locking nut.



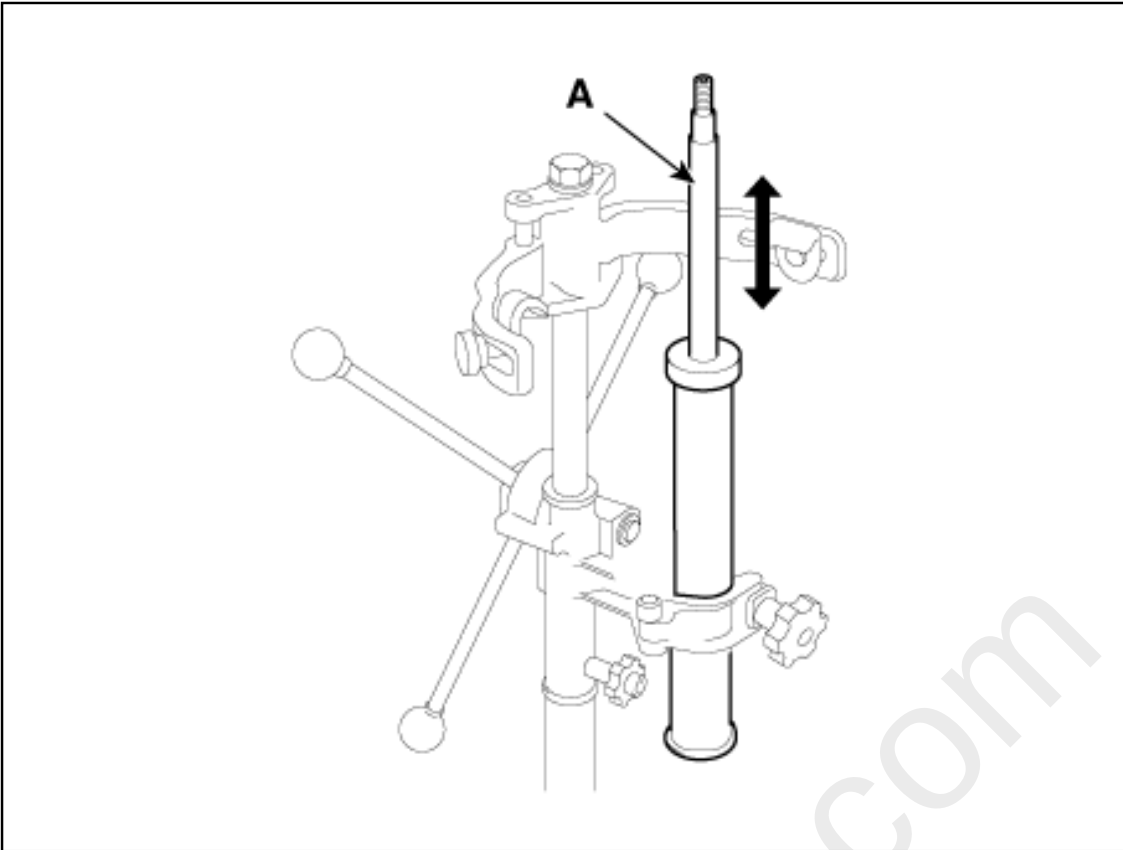
2. Separate the Insulator assembly (A), bumper rubber (B), dust cover (C), shock absorber (D).



Inspection

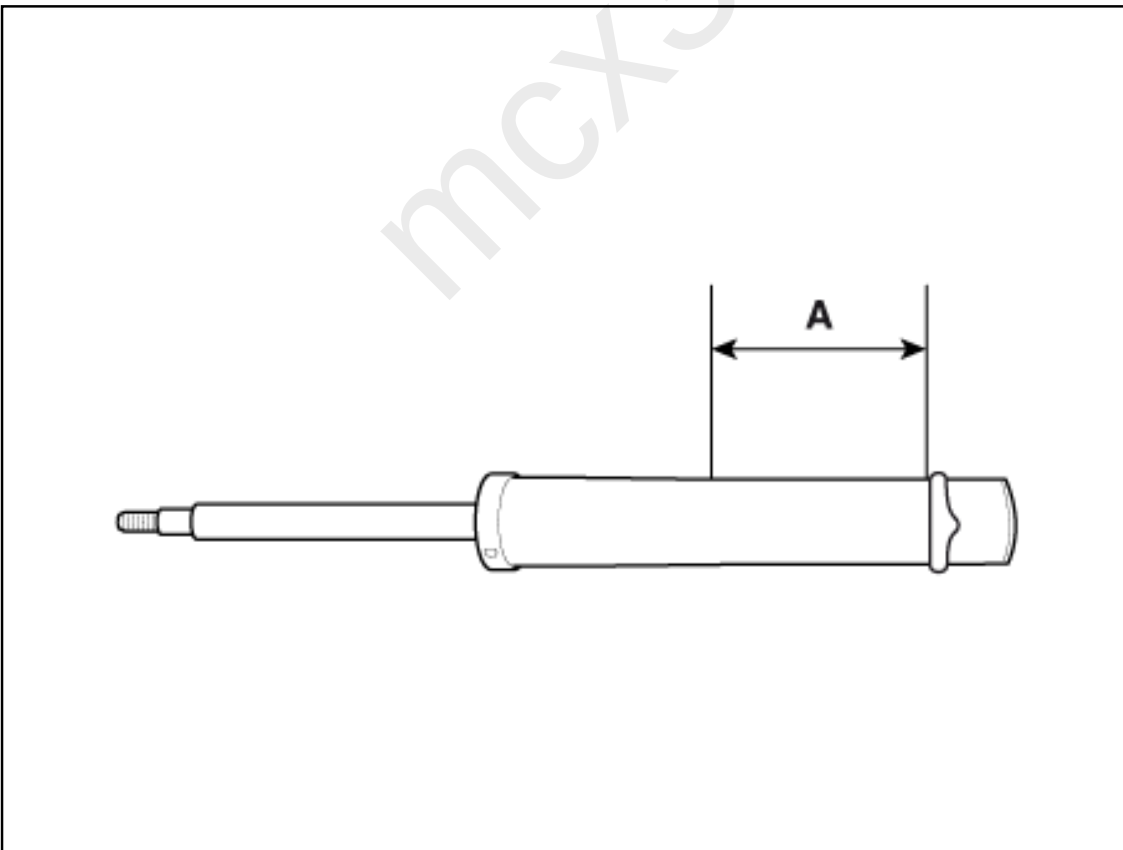
1. Check the rubber parts for damage or deterioration.

2. Check the shock absorber for abnormal resistance or unusual sounds.



Disposal

1. Fully extend the shock absorber rod.
2. Drill a hole to remove gas from the cylinder (A).





- The gas coming out is harmless, but be careful of chips that may fly when drilling. Be sure to use face shield and safety goggles.

Reassembly

1. To reassembly, reverse the disassembly procedure.
2. Using SST (09546-3X100), install the lock nut.



- Do not reuse the self locking nut.

Tightening torque :

19.6 - 24.5 N.m (2.0 - 2.5 kgf.m, 14.5 - 18.1 lb-ft)



Installation

1. To install, reverse the removal procedures.

Removal



- When lifting a vehicle using a lift, be careful not to damage the lower parts of the vehicle (floor under cover, fuel filter, fuel tank, canister).

(Refer to General Information - "Lift Point")

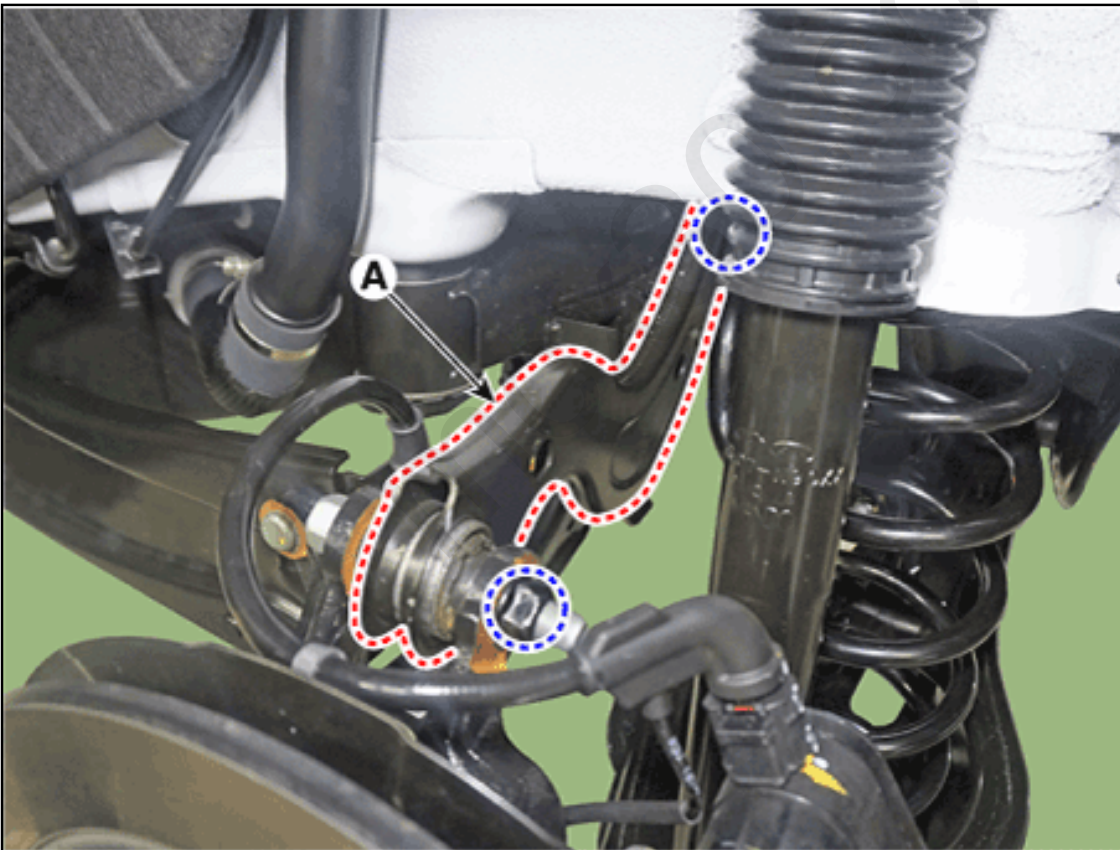
1. Loosen the rear wheel nuts slightly.
Raise the vehicle, and make sure it is securely supported.
2. Remove the rear wheel and tire.
(Refer to Suspension System - "Wheel")
3. Remove the rear upper arm (A) after loosening the mounting bolts and nuts.

Tightening torque :

137.2 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.2 - 115.7 lb-ft)



- Set up the transmission jack under the lower arm in order to remove it in no-load condition.



Inspection

1. Check the bushing for wear and deterioration.
2. Check the rear upper arm or damage and deformation.
3. Check for all bolts and nut.

Installation

1. To install, reverse the removal procedures.

2. Check the alignment.

(Refer to Suspension System - "Alingment")

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Removal



- When lifting a vehicle using a lift, be careful not to damage the lower parts of the vehicle (floor under cover, fuel filter, fuel tank, canister).

(Refer to General Information - "Lift Point")

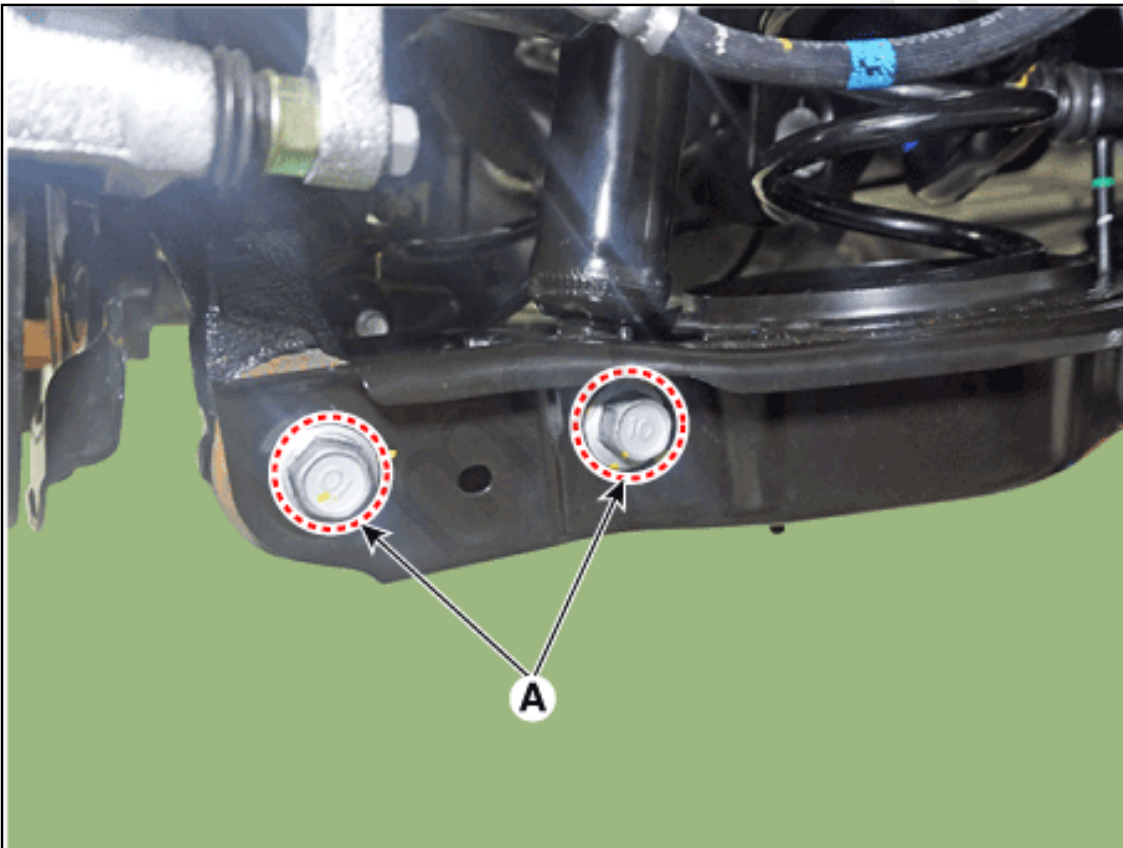
1. Loosen the rear wheel nuts slightly.
Raise the vehicle, and make sure it is securely supported.
2. Remove the rear wheel and tire.
(Refer to Suspension System - "Wheel")
3. Remove the rear lower arm from the rear axle after loosening the mounting bolts and nuts (A).

Tightening torque :

137.2 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.2 - 115.7 lb-ft)



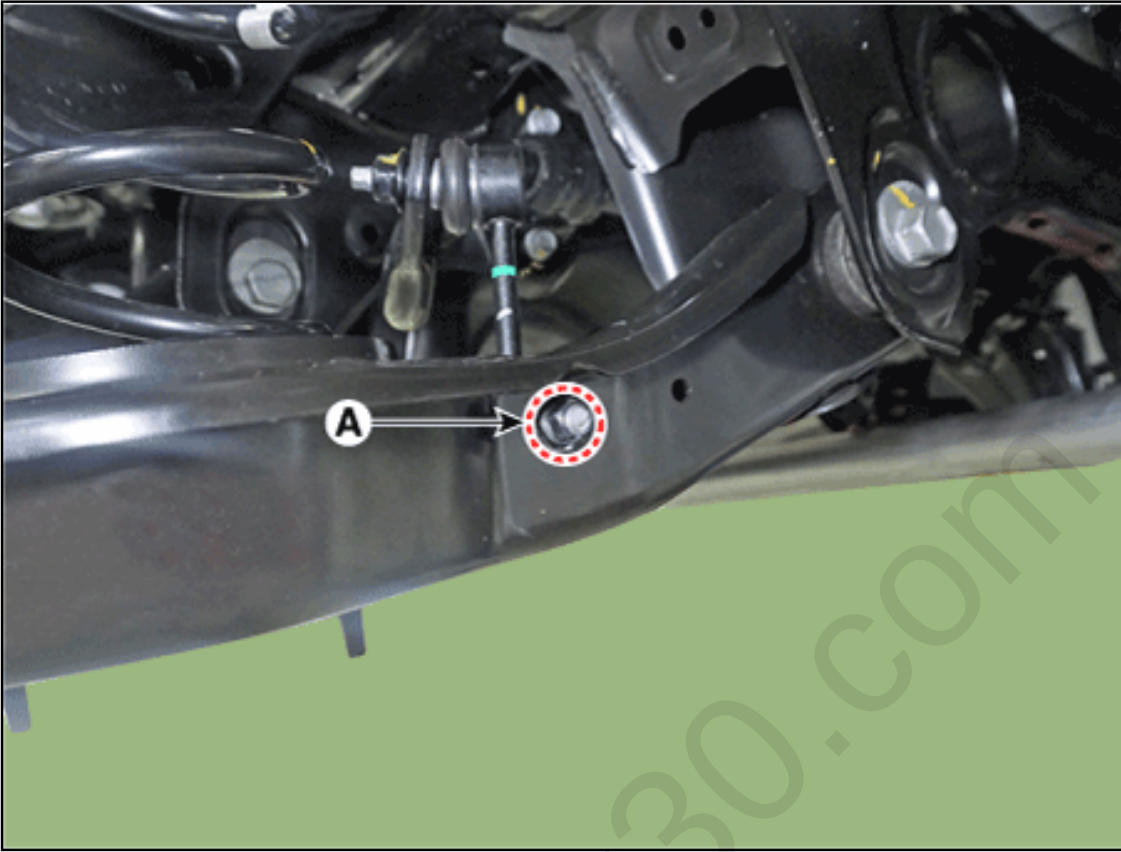
- Set up the transmission jack under the lower arm in order to remove it in no-load condition.



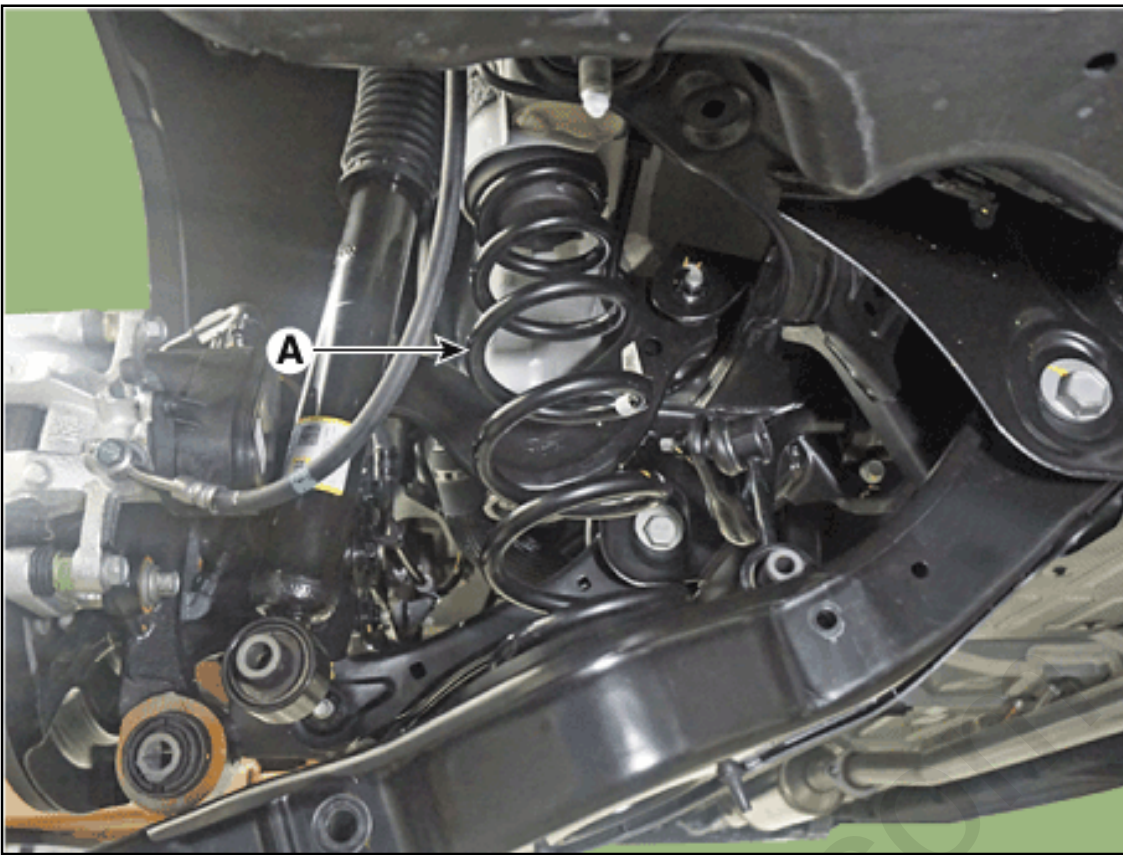
4. Remove the stabilizer bar link from the rear lower arm after loosening the mounting nut (A).

Tightening torque :

49.0 - 58.8 N.m (5.0 - 6.0 kgf.m, 36.2 - 43.4 lb-ft)



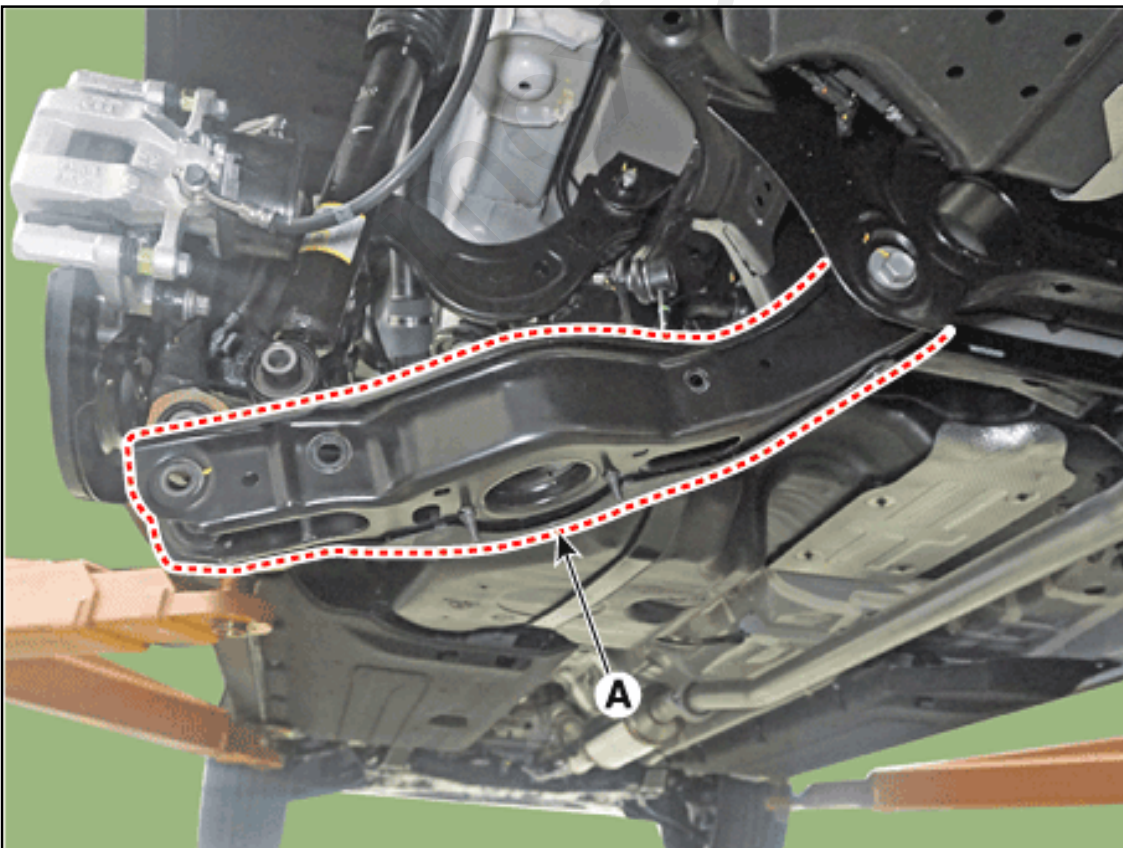
5. Remove the coil spring (A).



6. Remove the rear lower arm (A) after loosening the mounting bolt and nut.

Tightening torque :

137.2 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.2 - 115.7 lb-ft)



Inspection

1. Check the bushing for wear and deterioration.
2. Check the rear lower arm for deformation.
3. Check the coil spring and spring pad for deterioration and deformation.
4. Check for all bolts and nut.

Installation

1. To install, reverse the removal procedures.
2. Check the alignment.

(Refer to Suspension System - "Alingment")

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Removal



- When lifting a vehicle using a lift, be careful not to damage the lower parts of the vehicle (floor under cover, fuel filter, fuel tank, canister).

(Refer to General Information - "Lift Point")

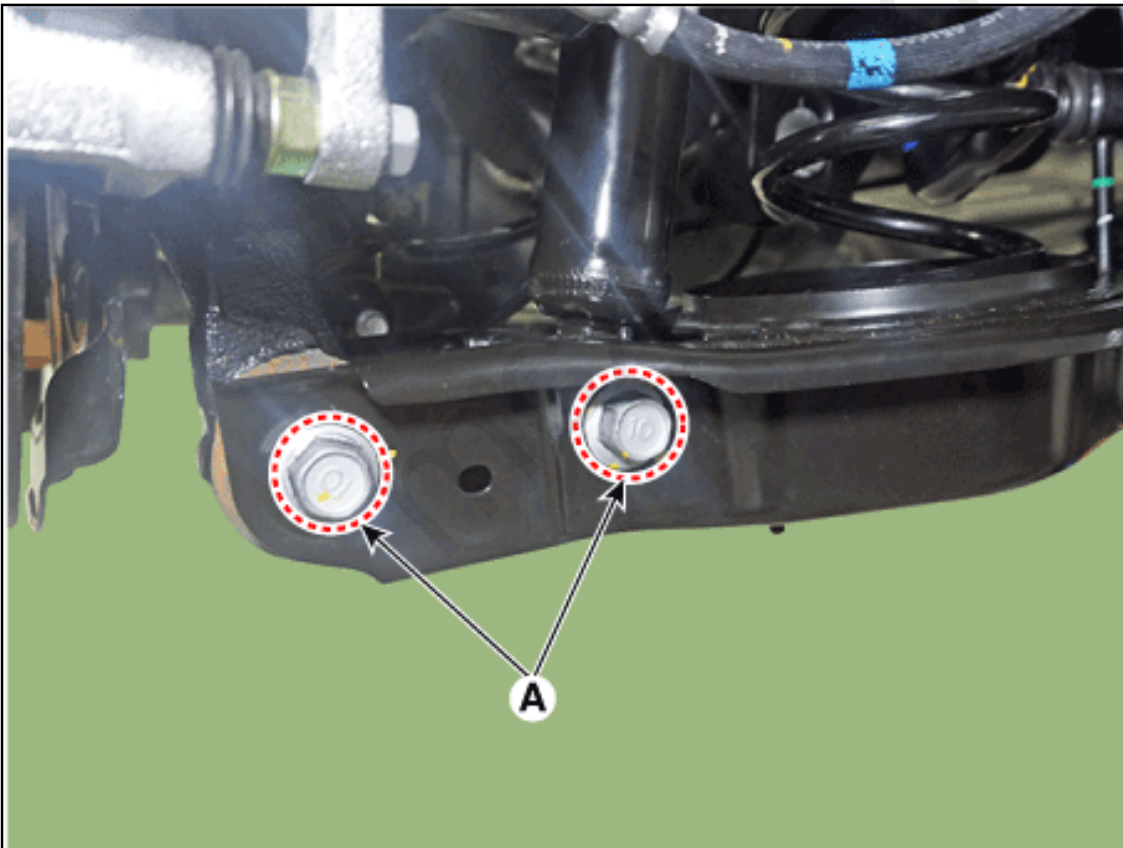
1. Loosen the rear wheel nuts slightly.
Raise the vehicle, and make sure it is securely supported.
2. Remove the rear wheel and tire.
(Refer to Suspension System - "Wheel")
3. Remove the rear lower arm from the rear axle after loosening the mounting bolts and nuts (A).

Tightening torque :

137.2 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.2 - 115.7 lb-ft)



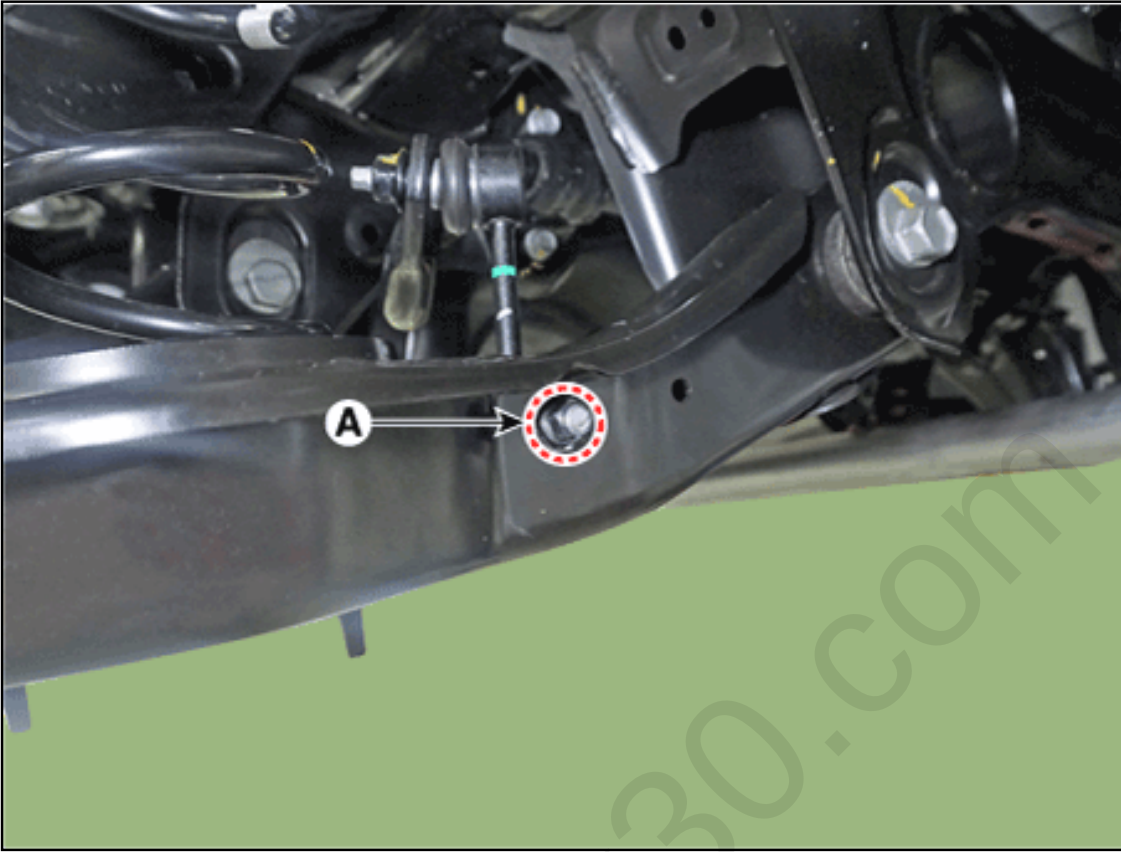
- Set up the transmission jack under the lower arm in order to remove it in no-load condition.



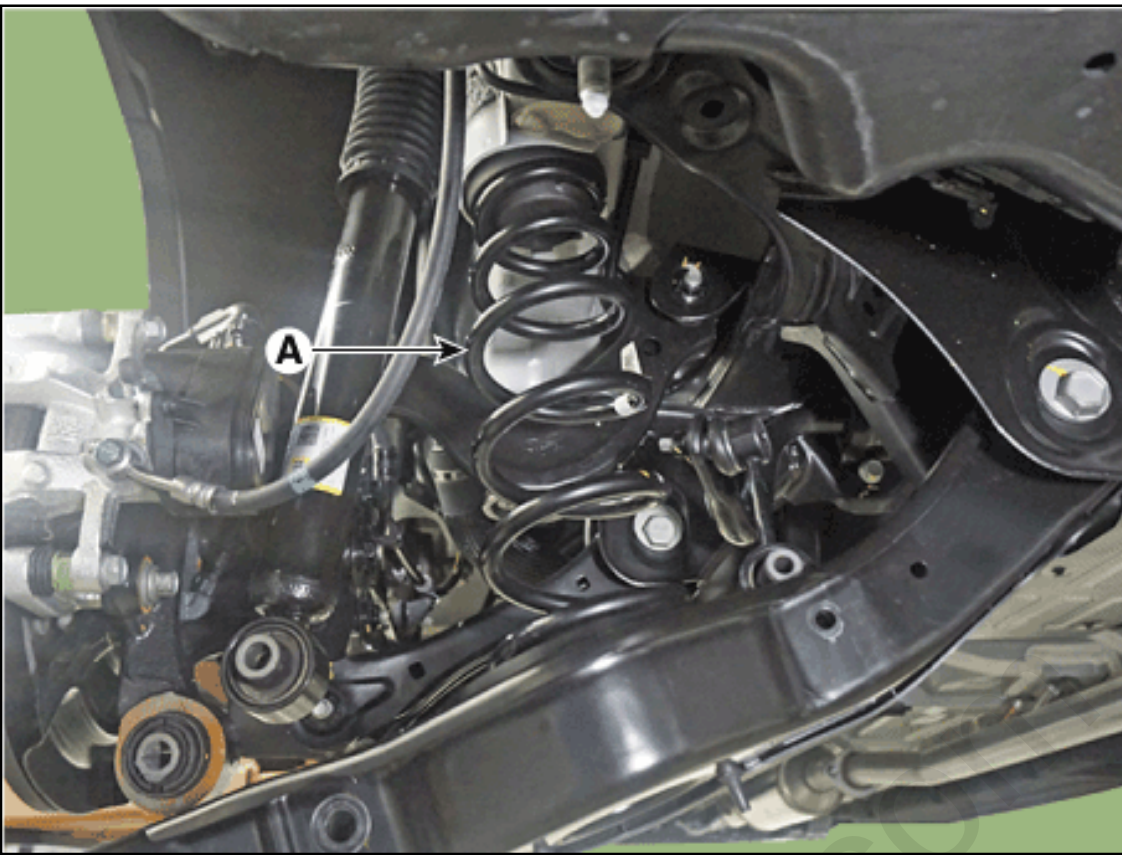
4. Remove the stabilizer bar link from the rear lower arm after loosening the mounting nut (A).

Tightening torque :

49.0 - 58.8 N.m (5.0 - 6.0 kgf.m, 36.2 - 43.4 lb-ft)



5. Remove the coil spring (A).



Inspection

1. Check the spring for distortion, aging or damage.
2. Check the spring upper pad and lower pad for aging or damage.

Installation

1. To install, reverse the removal procedures.
2. Check the alignment.

(Refer to Suspension System - "Alingment")

Removal



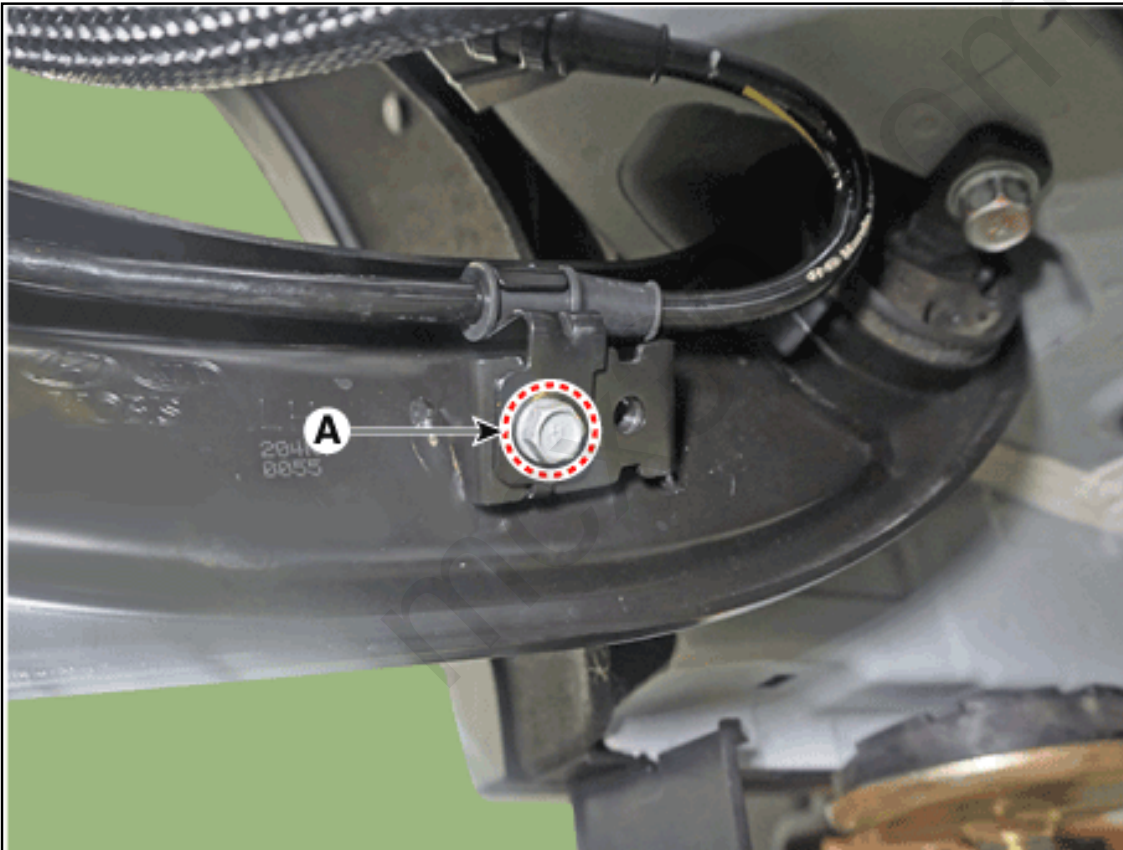
- When lifting a vehicle using a lift, be careful not to damage the lower parts of the vehicle (floor under cover, fuel filter, fuel tank, canister).

(Refer to General Information - "Lift Point")

1. Loosen the rear wheel nuts slightly.
Raise the vehicle, and make sure it is securely supported.
2. Remove the rear wheel and tire.
(Refer to Suspension System - "Wheel")
3. Loosen the wheel speed sensor cable bracket mounting nuts (A).

Tightening torque :

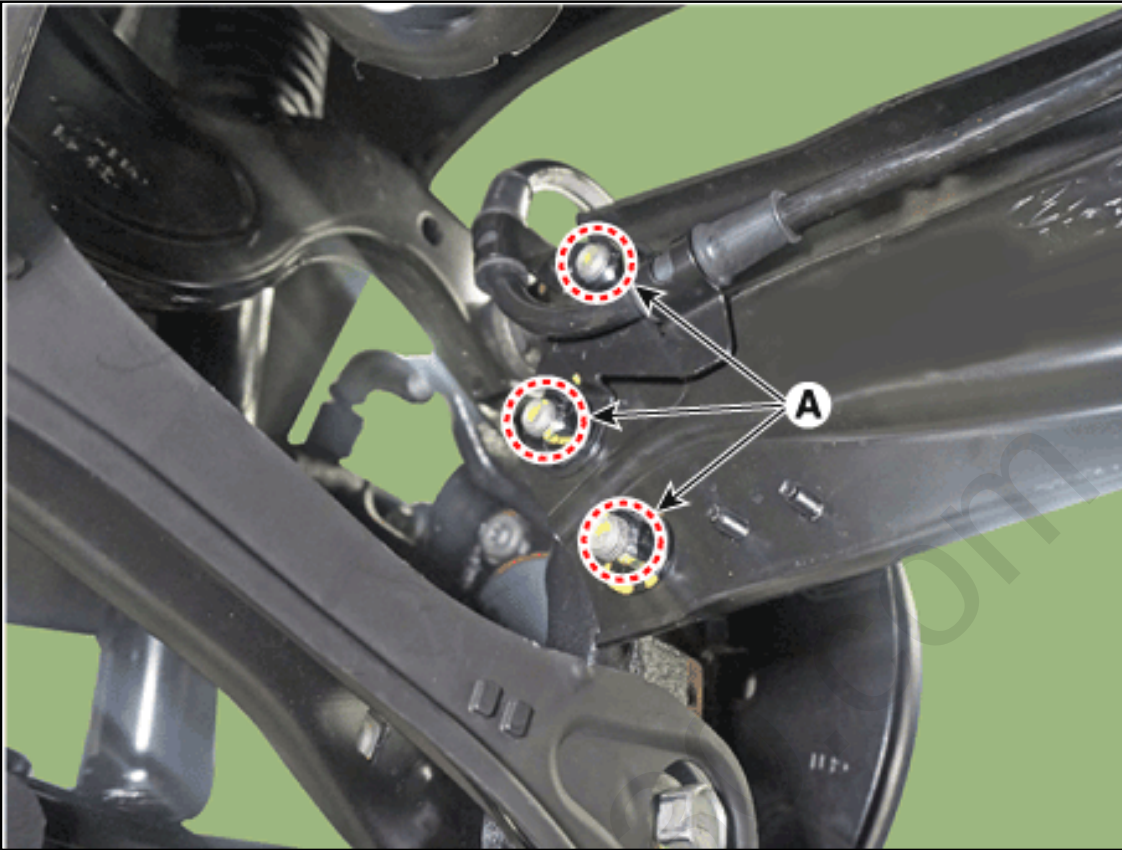
12.7 - 16.7 N.m (1.3 - 1.7 kgf.m, 9.4 - 12.3 lb-ft)



4. Separate the trailing arm after loosening the mounting nuts (A).

Tightening torque :

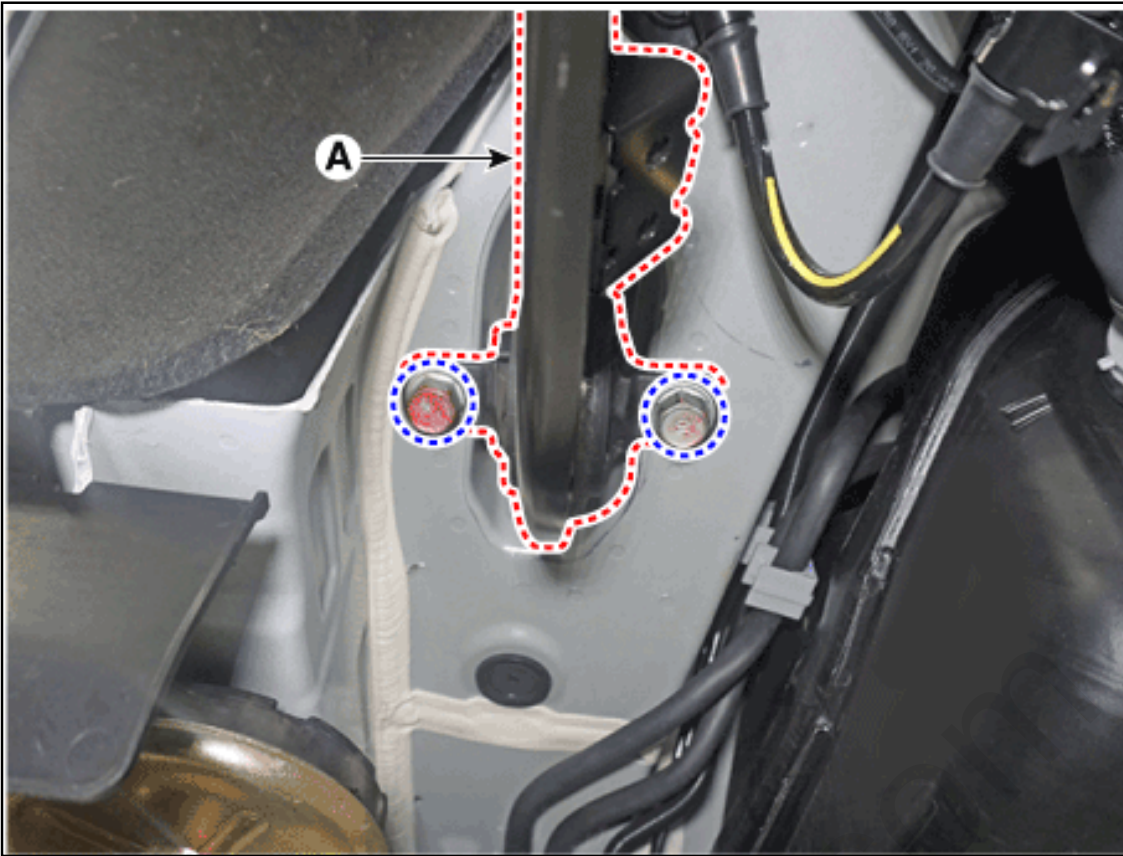
98.0 - 117.6 N.m (10.0 - 12.0 kgf.m, 72.3 - 86.7 lb-ft)



5. Remove the trailing arm (A) after loosening the mounting bolts.

Tightening torque :

98.0 - 117.6 N.m (10.0 - 12.0 kgf.m, 72.3 - 86.7 lb-ft)



Inspection

1. Check the bushing for wear and deterioration.
2. Check for all bolts and nuts.

Installation

1. To install, reverse the removal procedures.
2. Check the alignment.

(Refer to Suspension System - "Alignment")

Removal



- When lifting a vehicle using a lift, be careful not to damage the lower parts of the vehicle (floor under cover, fuel filter, fuel tank, canister).

(Refer to General Information - "Lift Point")

1. Loosen the rear wheel nuts slightly.
Raise the vehicle, and make sure it is securely supported.
2. Remove the rear wheel and tire.
(Refer to Suspension System - "Wheel")
3. Remove the rear assist arm (A) after loosening the mounting bolts and nuts.

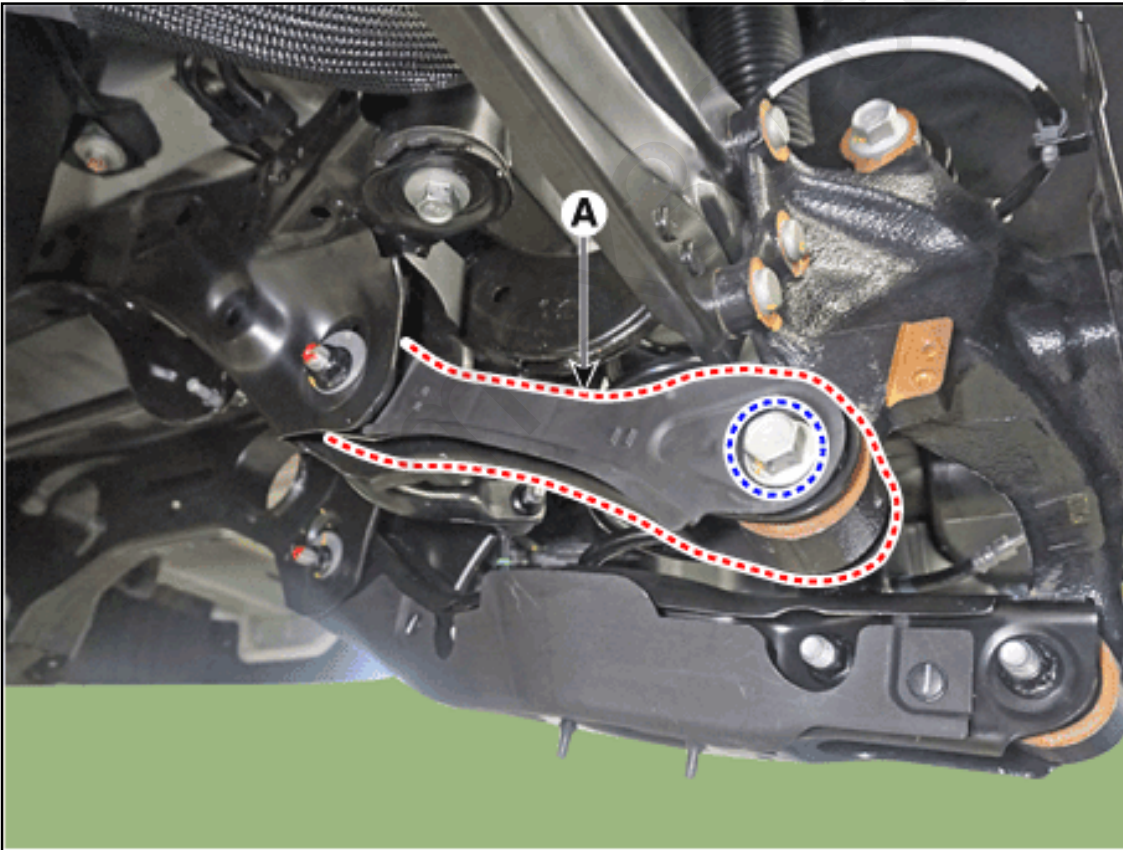
Tightening torque :

Rear sub frame side : 137.3 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.3 - 115.7 lb-ft)

Rear carrier side : 156.9 - 176.5 N.m (16.0 - 18.0 kgf.m, 115.7 - 130.2 lb-ft)



- Set up the transmission jack under the lower arm in order to remove it in no-load condition.



Inspection

1. Check the bushing for wear and deterioration.
2. Check for all bolts and nuts.

Installation

1. To install, reverse the removal procedures.

2. Check the alignment.

(Refer to Suspension System - "Alingment")

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Removal



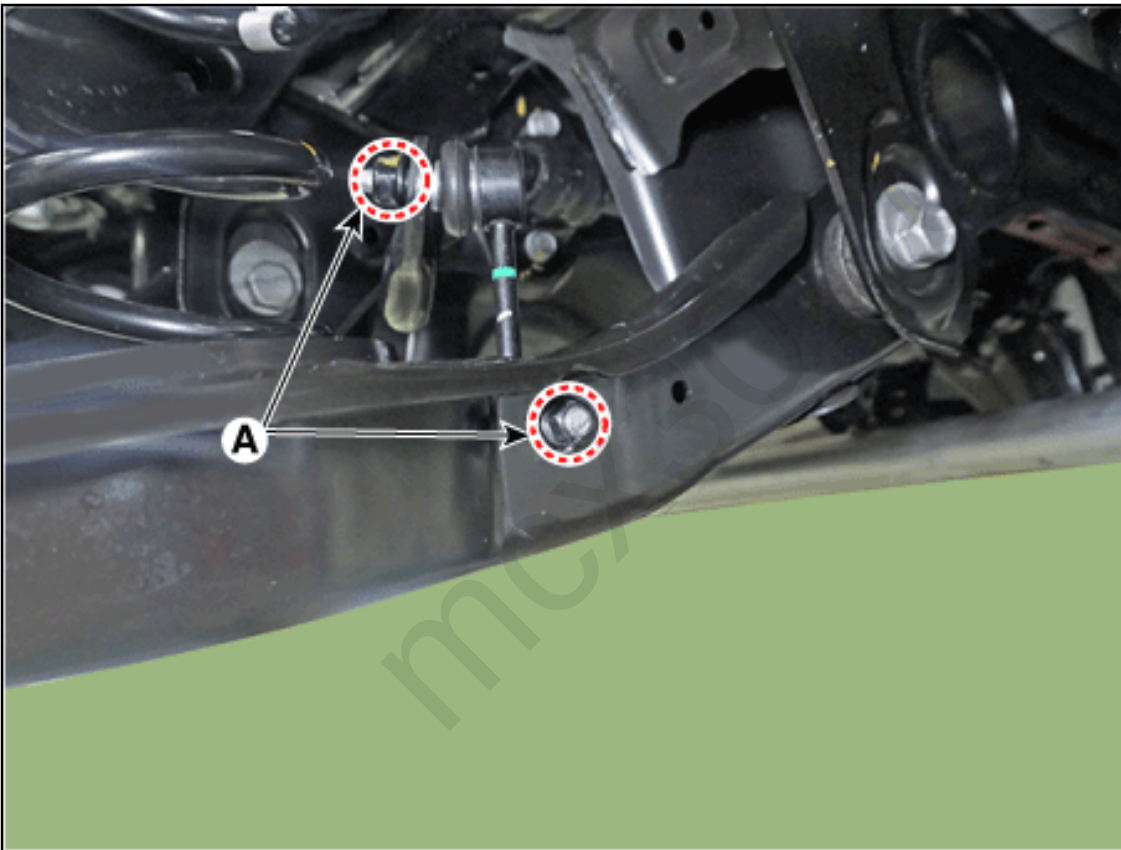
- When lifting a vehicle using a lift, be careful not to damage the lower parts of the vehicle (floor under cover, fuel filter, fuel tank, canister).

(Refer to General Information - "Lift Point")

1. Raise the vehicle, and make sure it is securely supported.
2. In the case of 4WD vehicle, remove the rear differential assembly.
(Refer to Driveshaft and axle - "Rear Differential Carrier")
3. Remove the rear stabilizer link after loosening the mounting nut (A).

Tightening torque :

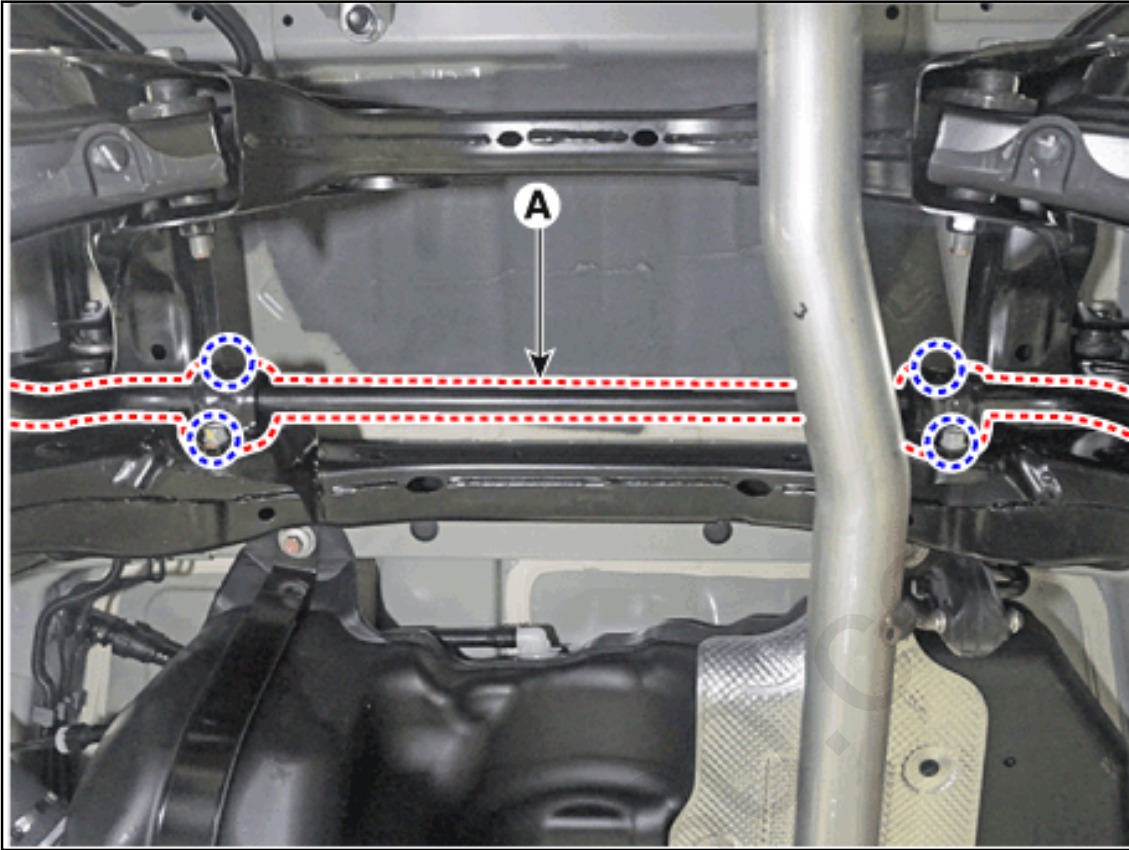
49.0 - 58.8 N.m (5.0 - 6.0 kgf.m, 36.2 - 43.4 lb-ft)



4. Remove the rear stabilizer bar (A) after loosening the mounting bolts.

Tightening torque :

53.9 - 63.7 N.m (5.5 - 6.5 kgf.m, 39.8 - 47.0 lb-ft)



Inspection

1. Check the rear stabilizer bar for deformation.
2. Check the rear stabilizer link ball joint for damage.

Installation

1. To install, reverse the removal procedures.
2. Check the alignment.
(Refer to Suspension System - "Alignment")

Removal

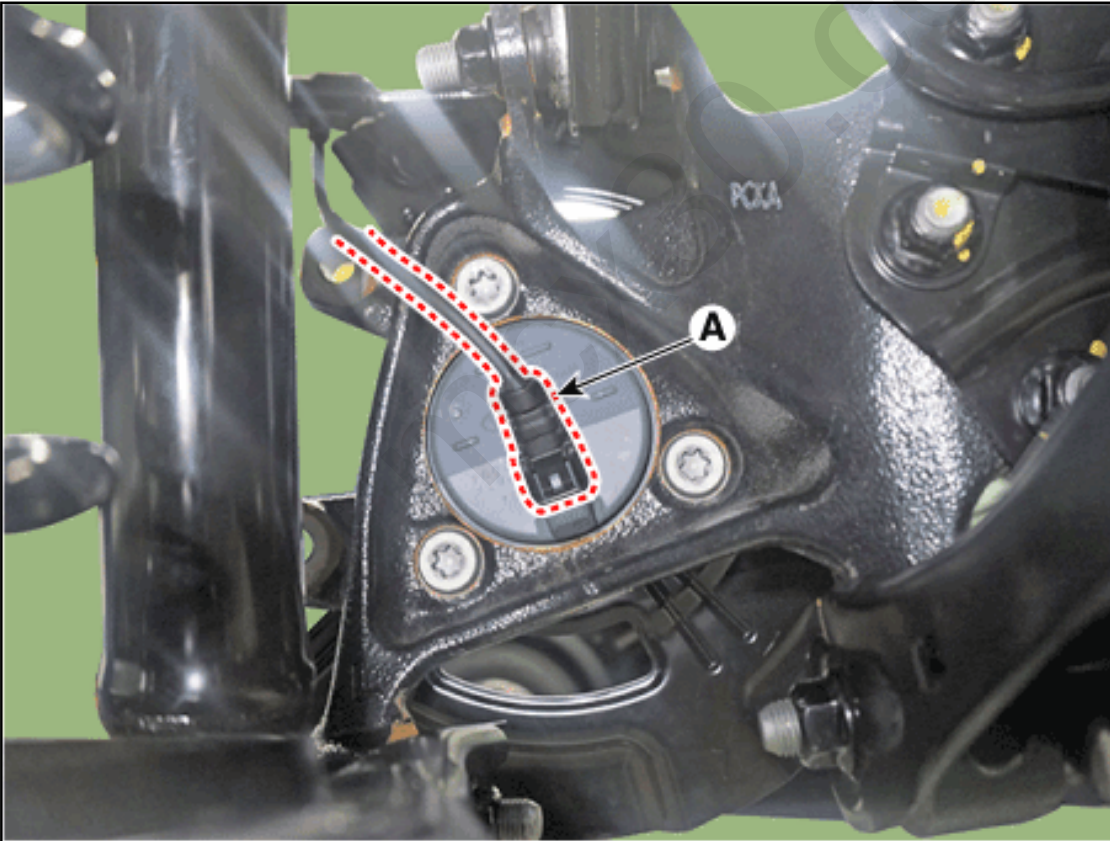


- When lifting a vehicle using a lift, be careful not to damage the lower parts of the vehicle (floor under cover, fuel filter, fuel tank, canister).

(Refer to General Information - "Lift Point")

1. Loosen the rear wheel nuts slightly.
Raise the vehicle, and make sure it is securely supported.
2. Remove the rear wheel and tire.
(Refer to Suspension System - "Wheel")
3. Remove the rear brake caliper.
(Refer to Brake System - "Rear Disc Brake")
4. In the case of 4WD vehicle, remove the rear differential assembly.
(Refer to Driveshaft and axle - "Rear Differential Carrier")
5. Remove the center muffler.
(Refer to Engine Mechanical System - "Muffler")
6. Disconnect the rear wheel speed sensor connector (A).

[2WD]

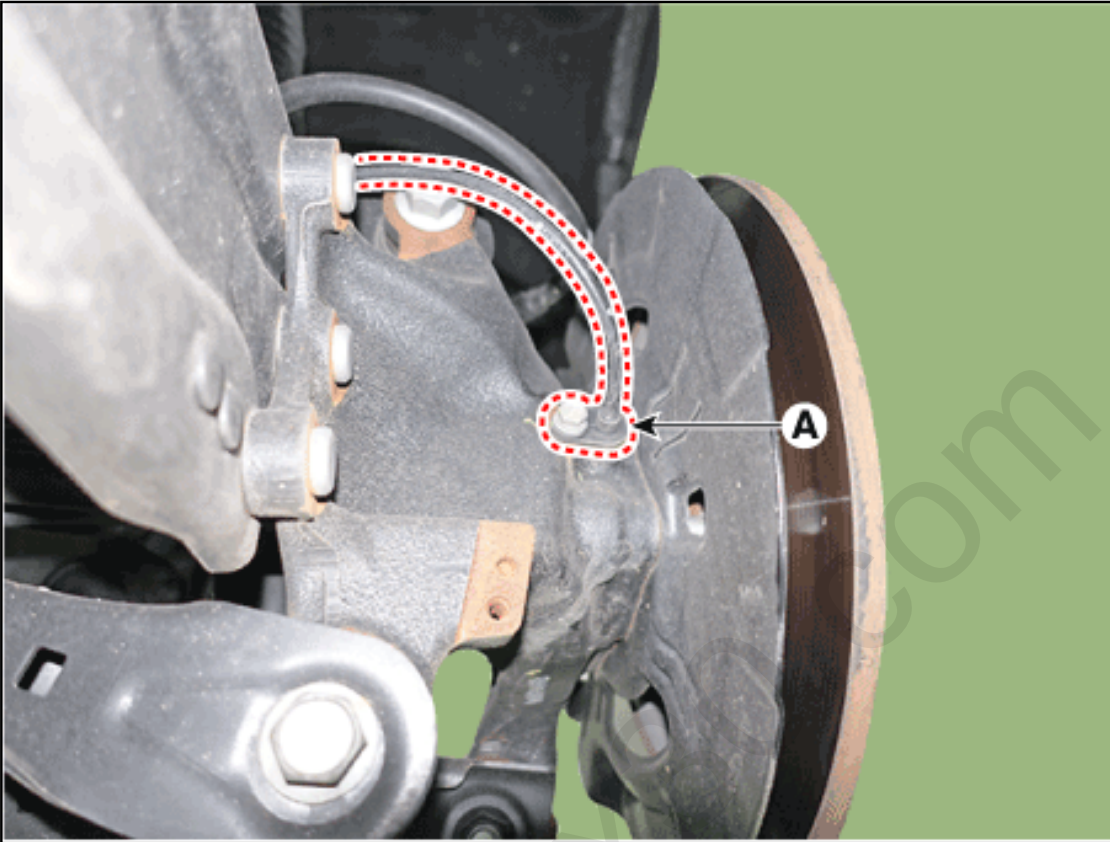


7. Remove the rear wheel speed sensor (A) after loosening the mounting bolt.
-

Tightening torque :

8.8 - 13.7 N.m (0.9 - 1.4 kgf.m, 6.5 - 10.1 lb-ft)

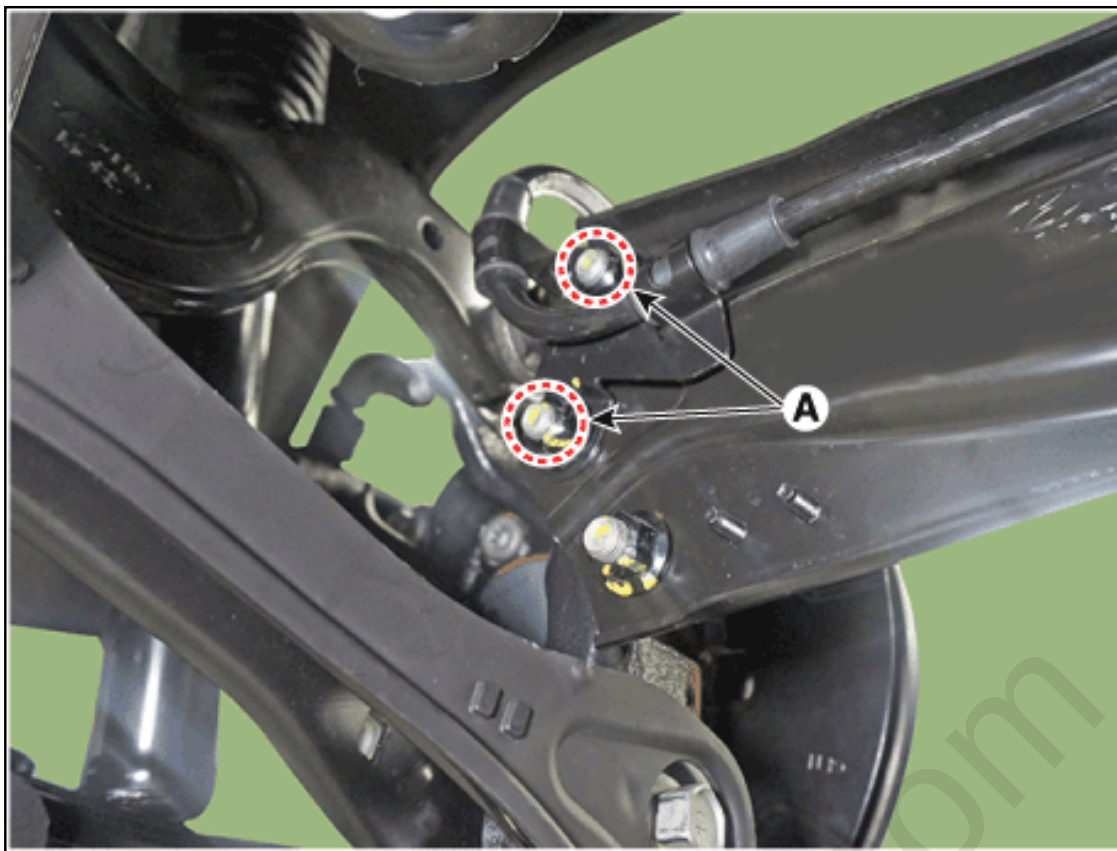
[4WD]



8. Loosen the wheel speed sensor cable bracket mounting nuts (A).
-

Tightening torque:

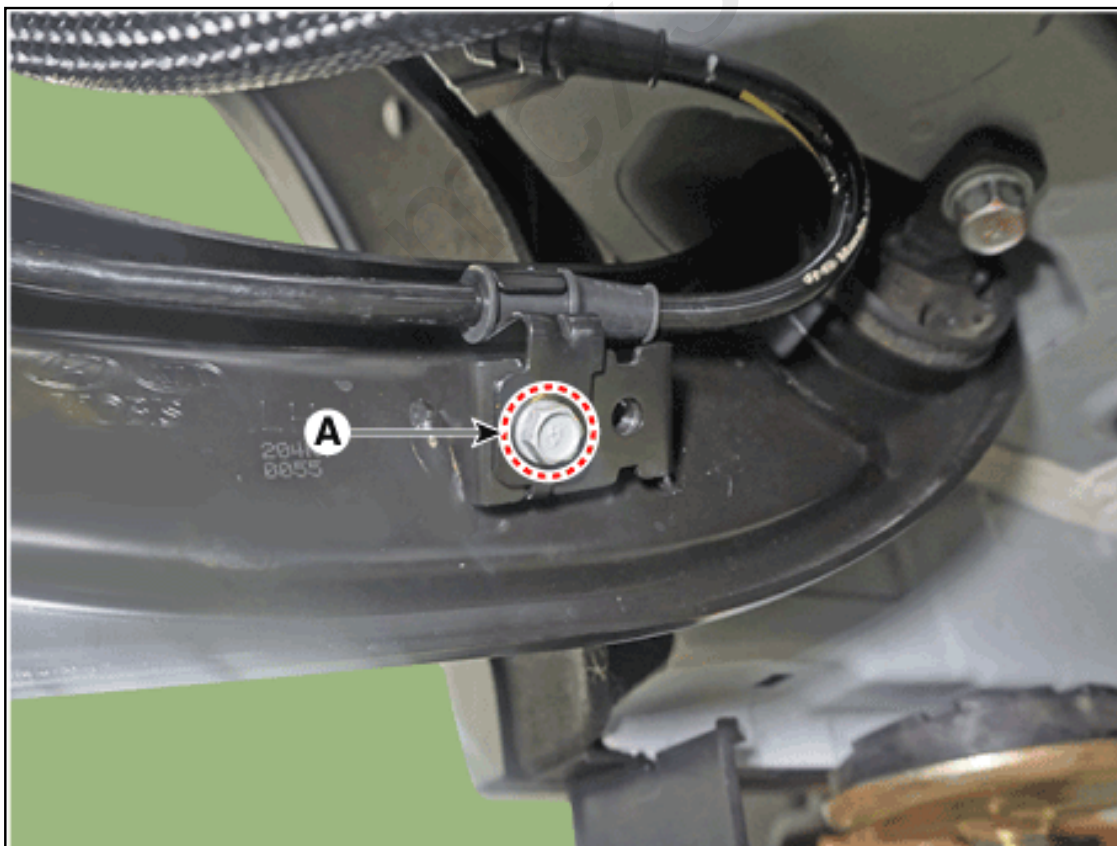
98.0 - 117.6 N.m (10.0 - 12.0 kgf.m, 72.3 - 86.7 lb-ft)



9. Loosen the wheel speed sensor cable bracket mounting bolt (A).

Tightening torque :

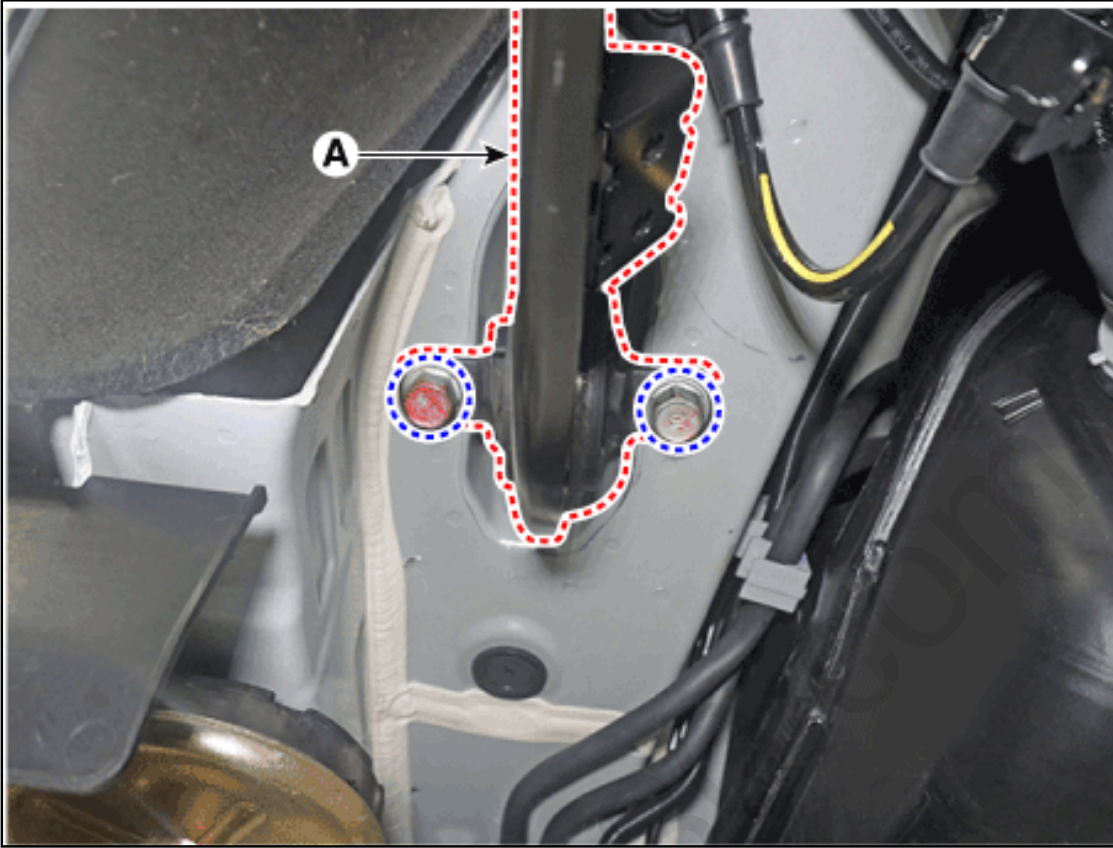
12.7 - 16.7 N.m (1.3 - 1.7 kgf.m, 9.4 - 12.3 lb-ft)



10. Remove the trailing arm (A) after loosening the mounting bolts.

Tightening torque:

98.0 - 117.6 N.m (10.0 - 12.0 kgf.m, 72.3 - 86.7 lb-ft)



11. Support the jack on the lower part of the sub frame.
12. Loosen the sub frame mounting nut (A).

Tightening torque :

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



13. Loosen the sub frame mounting bolt (A).

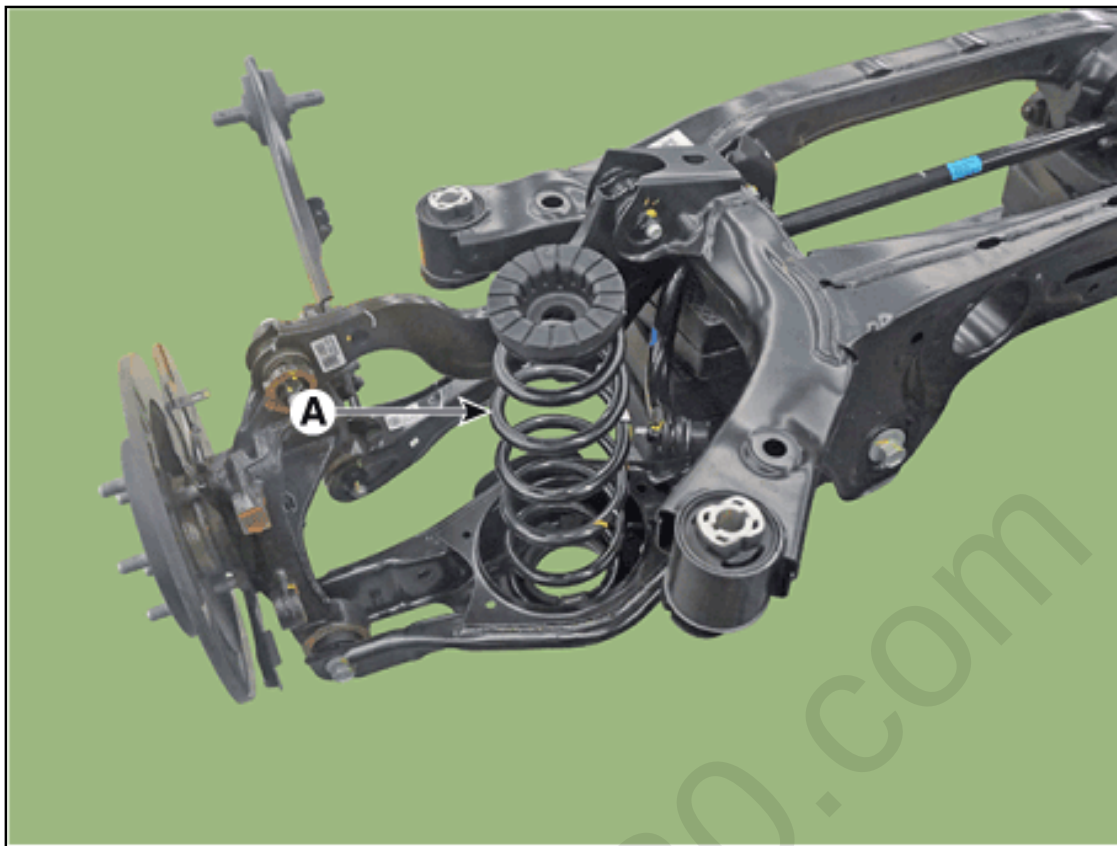
Tightening torque :

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



14. Remove the rear sub frame.
15. Remove the coil spring (A).

[LH]



[RH]

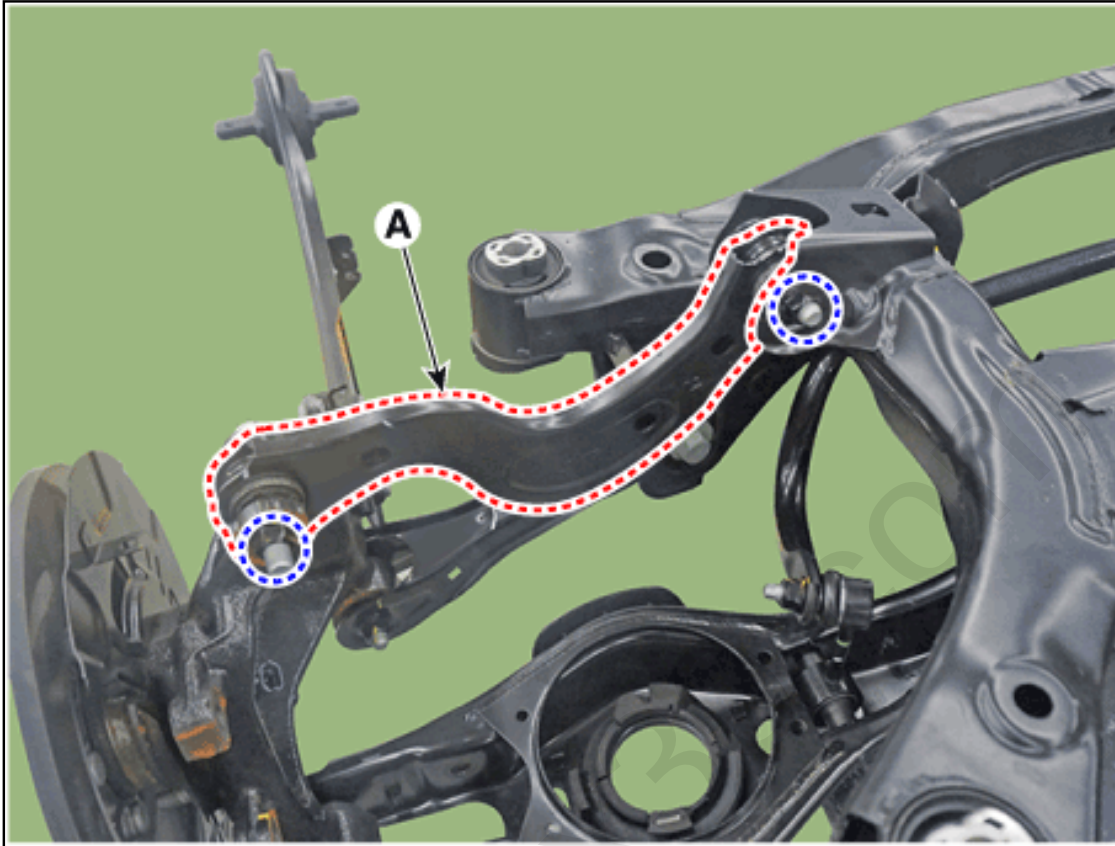


16. Remove the rear upper arm (A) after loosening the mounting bolts and nuts.

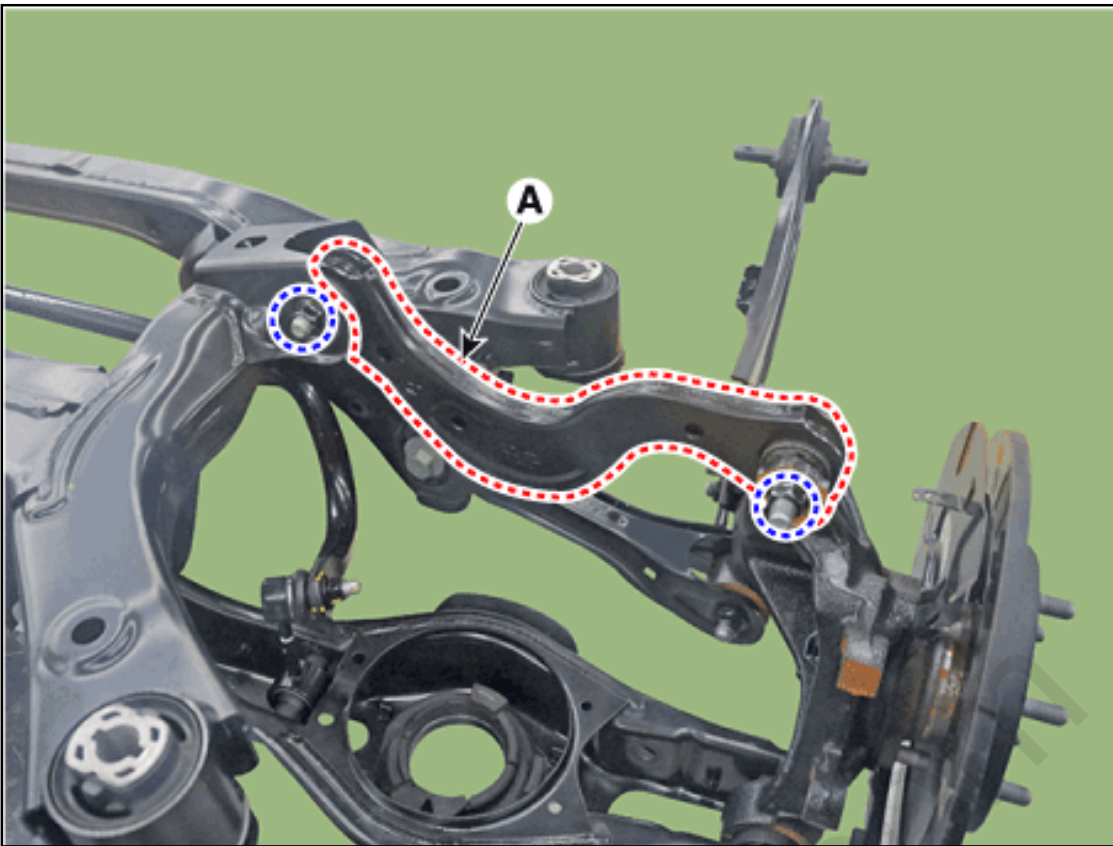
Tightening torque :

137.2 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.2 - 115.7 lb-ft)

[LH]



[RH]

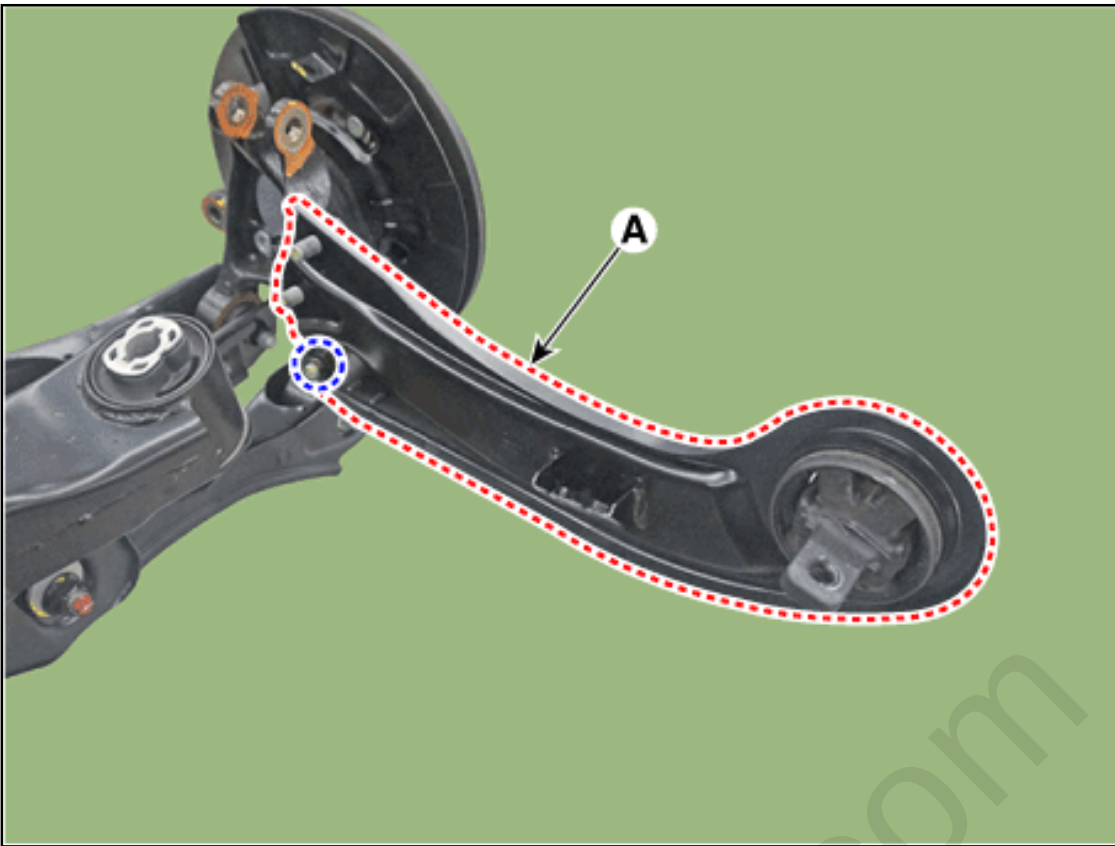


17. Remove the trailing arm (A) after loosening the mounting nuts.

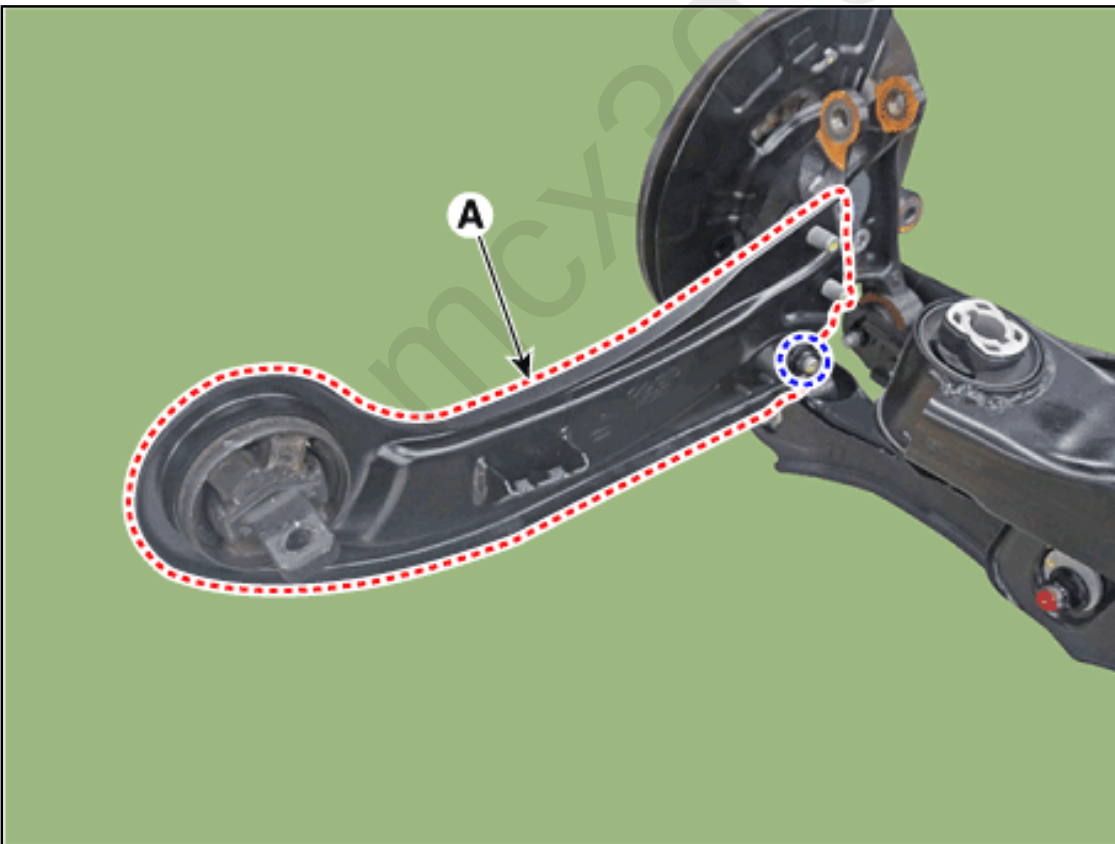
Tightening torque :

98.0 - 117.6 N.m (10.0 - 12.0 kgf.m, 72.3 - 86.7 lb-ft)

[LH]



[RH]



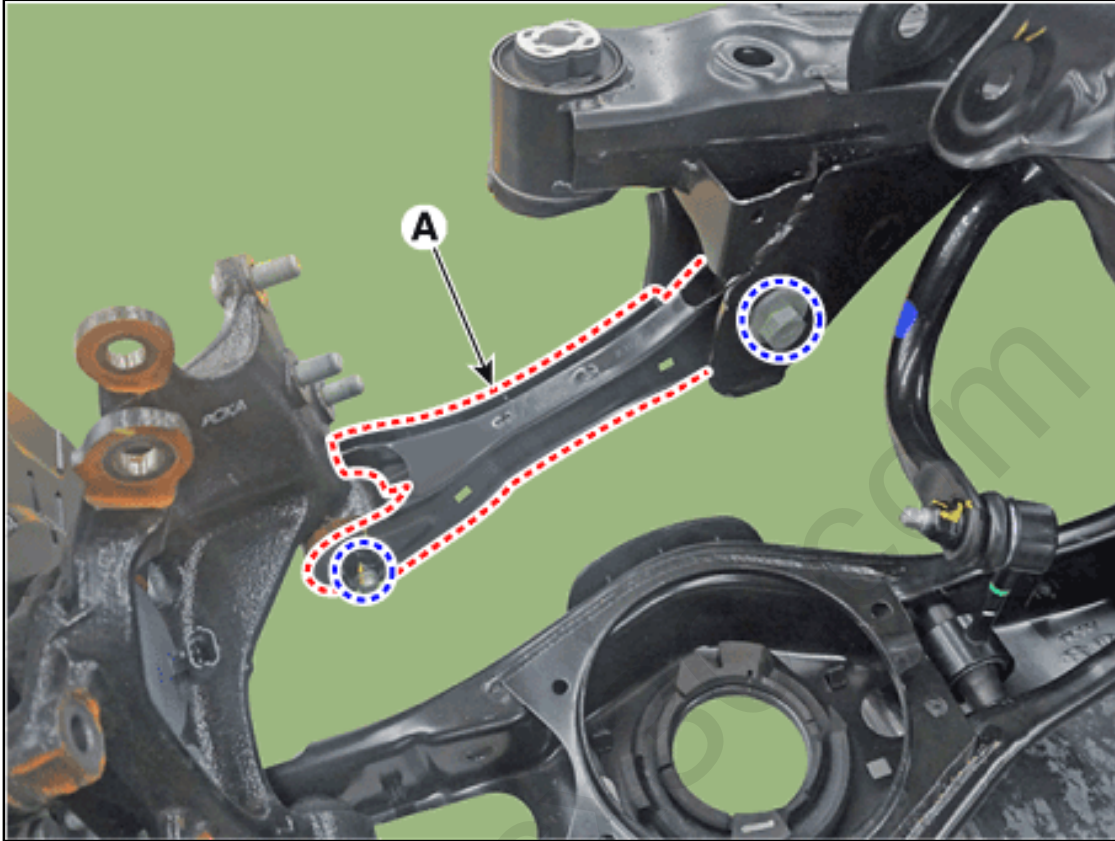
18. Remove the rear assist arm (A) after loosening the mounting bolts and nuts.

Tightening torque :

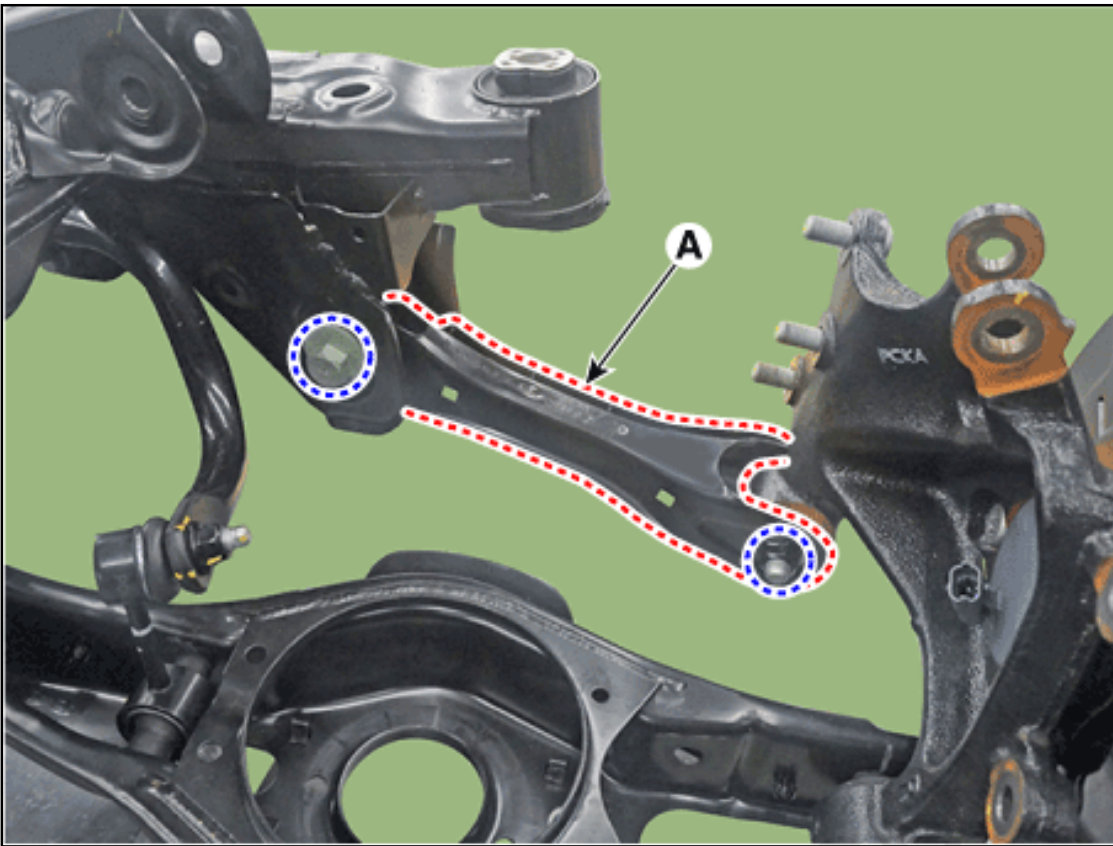
Rear sub frame side : 137.3 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.3 - 115.7 lb-ft)

Rear carrier side : 156.9 - 176.5 N.m (16.0 - 18.0 kgf.m, 115.7 - 130.2 lb-ft)

[LH]



[RH]

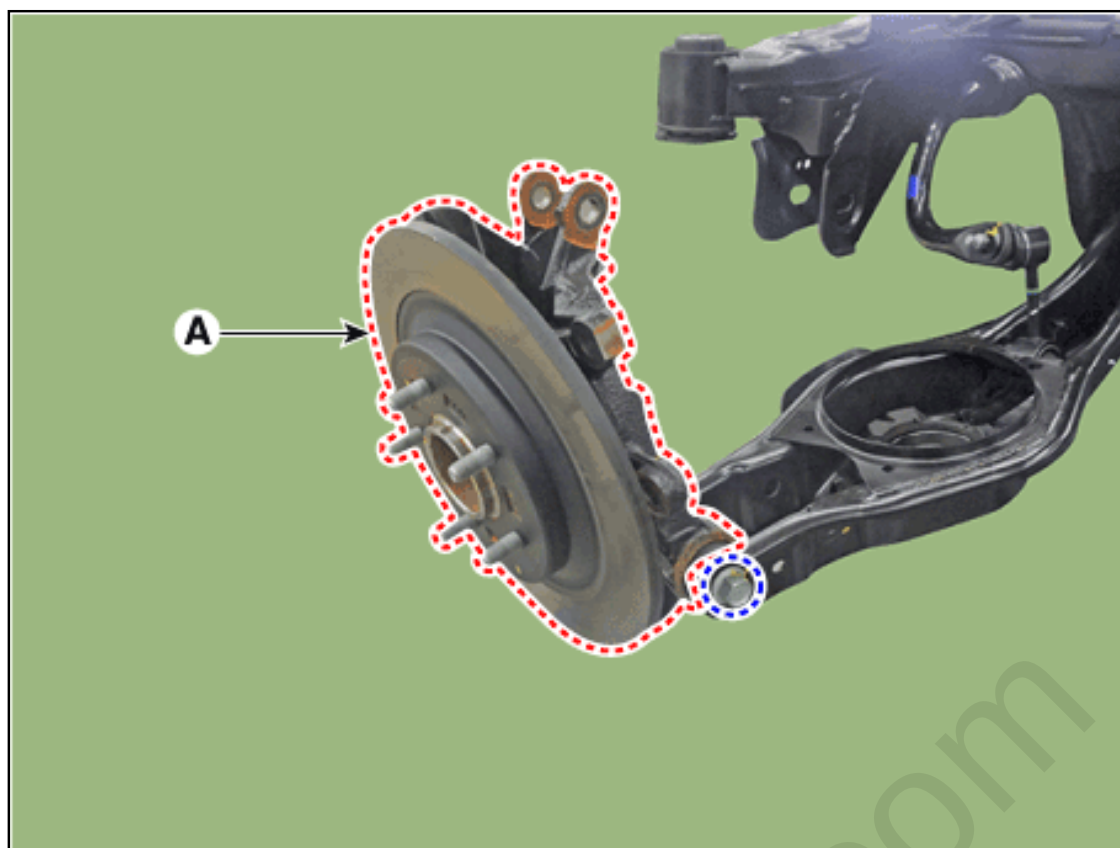


19. Remove the rear carrier (A) from the rear lower arm after loosening the mounting bolt and nut.

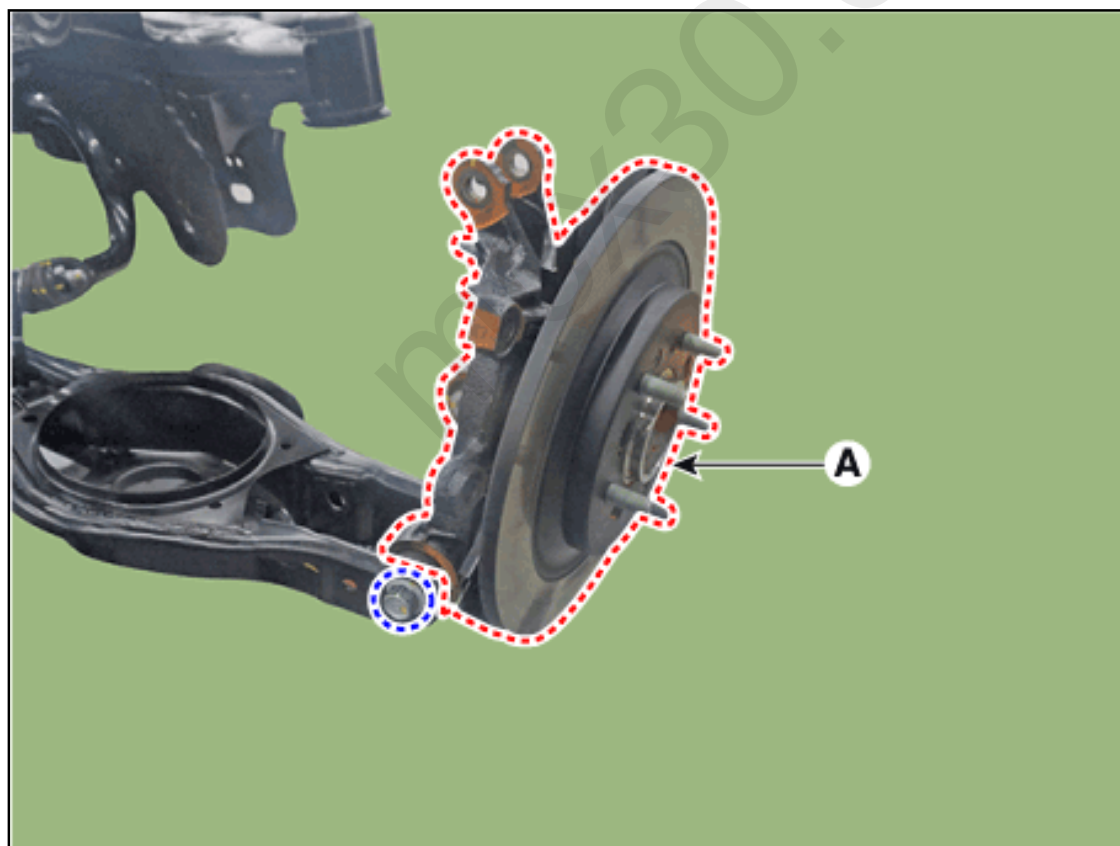
Tightening torque :

137.2 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.2 - 115.7 lb-ft)

[LH]



[RH]



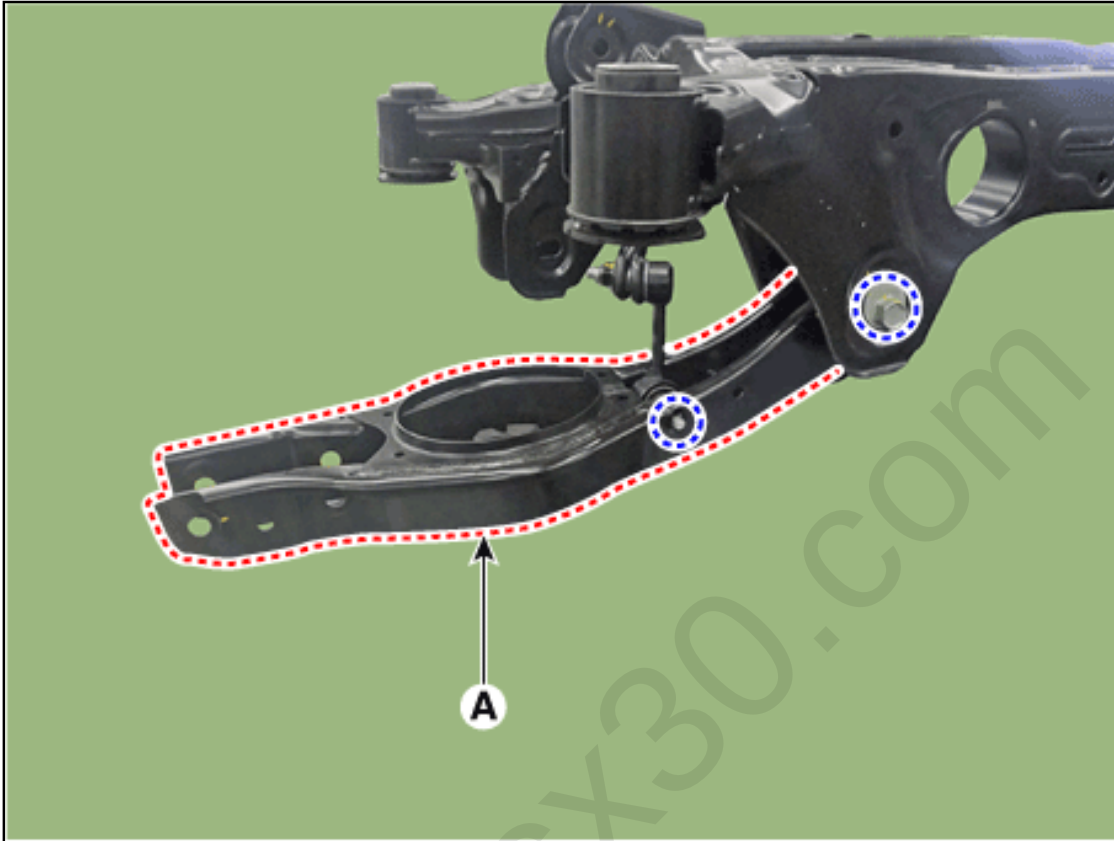
20. Remove the rear lower arm (A) after loosening the mounting bolts and nuts.

Tightening torque :

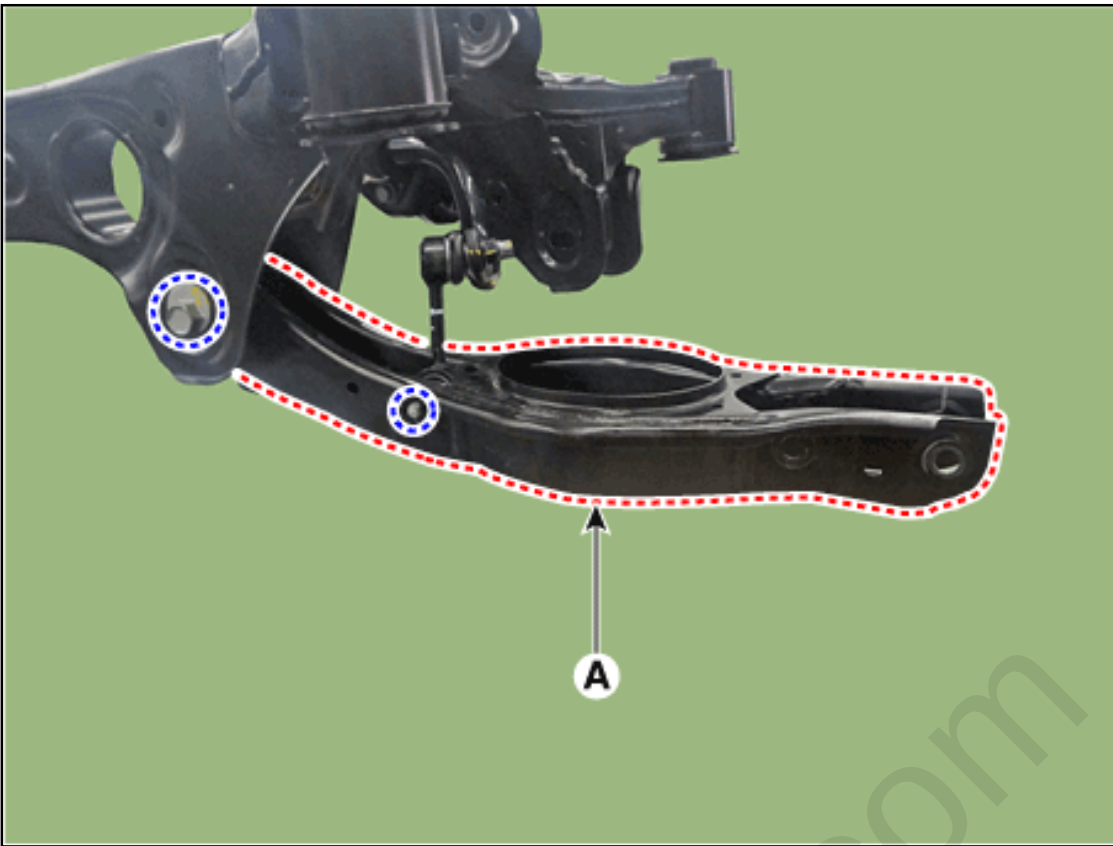
Rear stabilizer bar link side : 49.0 - 58.8 N.m (5.0 - 6.0 kgf.m, 36.2 - 43.4 lb-ft)

Rear sub frame side : 137.3 - 156.9 N.m (14.0 - 16.0 kgf.m, 101.3 - 115.7 lb-ft)

[LH]



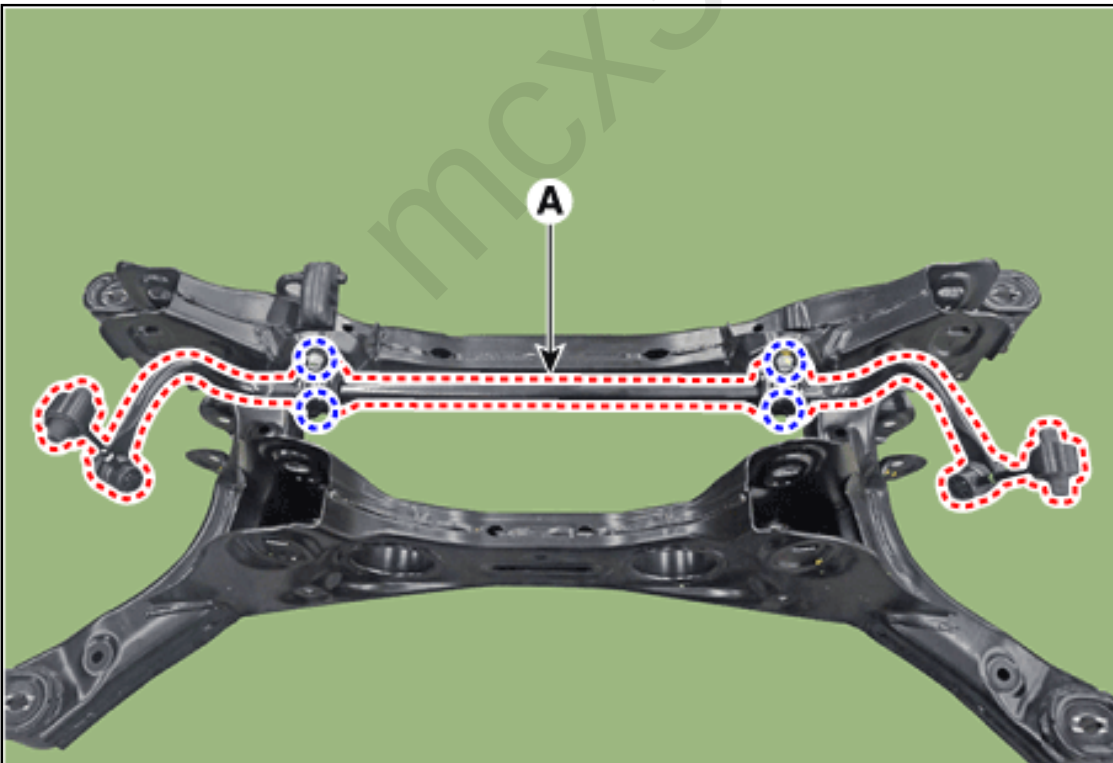
[RH]



21. Remove the rear stabilizer bar (A) after loosening the mounting bolts.

Tightening torque :

53.9 - 63.7 N.m (5.5 - 6.5 kgf.m, 39.8 - 47.0 lb-ft)



Inspection

1. Check the rear stabilizer bar for deformation.

2. Check the rear stabilizer link ball joint for damage.

Installation

1. To install, reverse the removal procedures.
2. Check the alignment.

(Refer to Suspension System - "Alingment")

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