

# **Component Procedures: Axle Beam**

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# Component Procedures: Axle Beam

## Parts and Labor (itype\_189)

### Parts

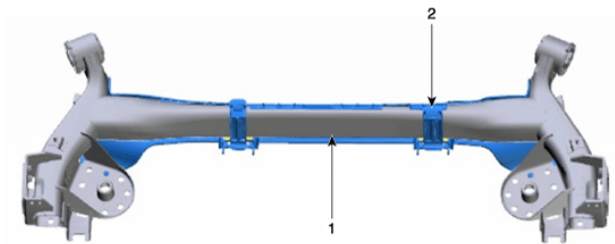
Qualifier	Part #	Name	Price	Note
Torsion Axle > Rear Suspensi?	55100F2000	1 - Torsion Assembly	1149.27	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Torsion Axle > Rear Suspension > Rear Axle > ?	B	4.5	0.0
Remove & Replace	Torsion Axle > Rear Suspension > Rear Axle > ?		0.3	
Remove & Replace	Torsion Axle > Rear Suspension > Rear Axle > ?		0.2	

## Rear Torsion Beam Axle - Components and Components Location (Article 44288)

- Components (1)



1. Torsion beam axle 2. Torsion beam axle cover

## Rear Torsion Beam Axle - Repair Procedures (Article 44289)

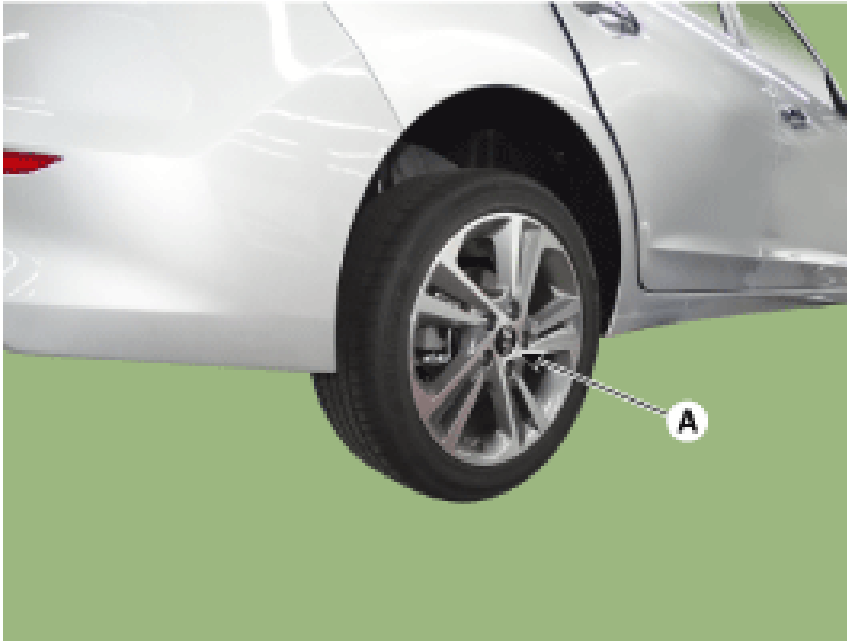
- Removal

[Disc type]

- Loosen the wheel nut s slightly.

- Raise the vehicle, and make sure it is securely supported.

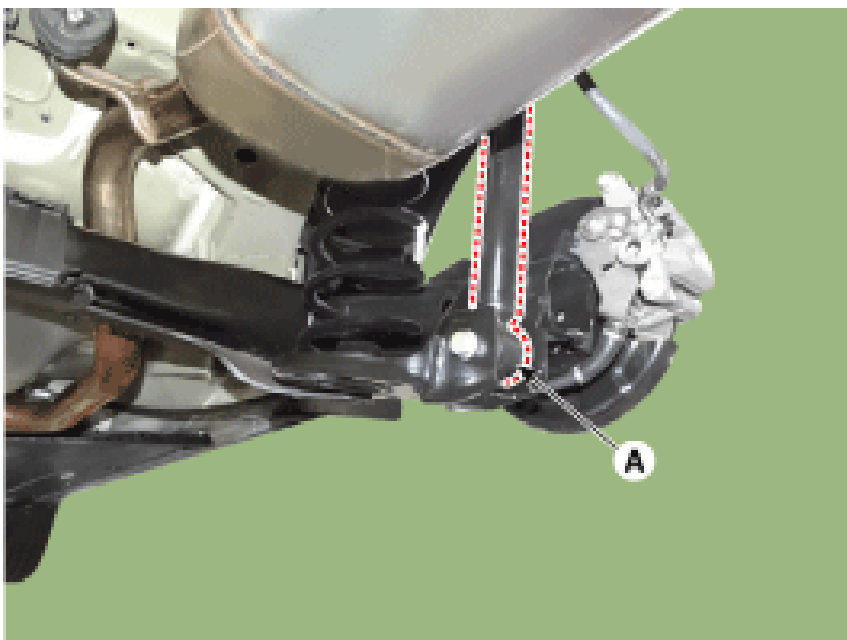
- Remove the rear wheel and tire (A) from front hub . Tightening torque : 107.9 - 127.5 N.m (11.0 - 13.0 kgf.m, 79.6 - 94.0 lb-ft) Be careful not to damage the hub bolt s when removing the rear wheel and tire (A).



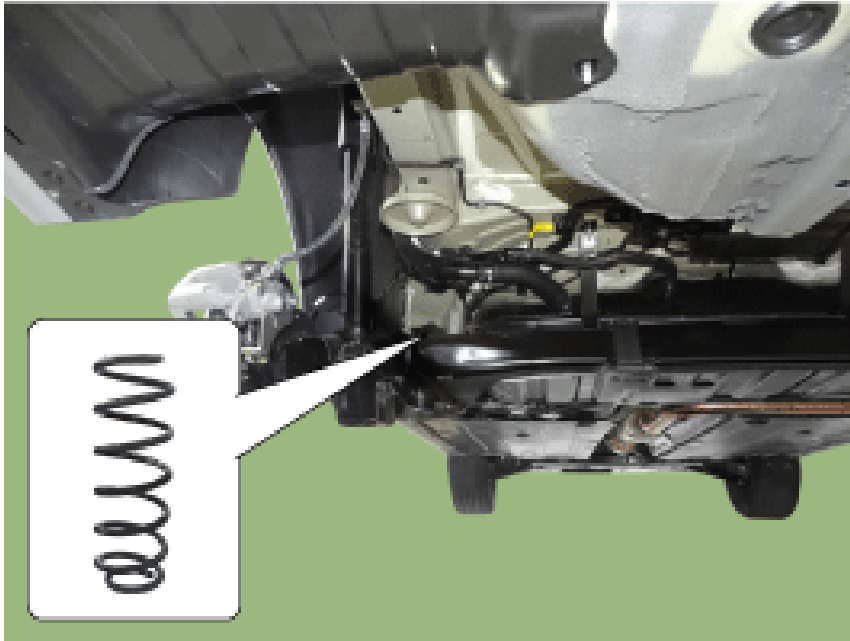
Be careful not to damage the hub bolt s when removing the rear wheel and tire (A).

# NOTICE

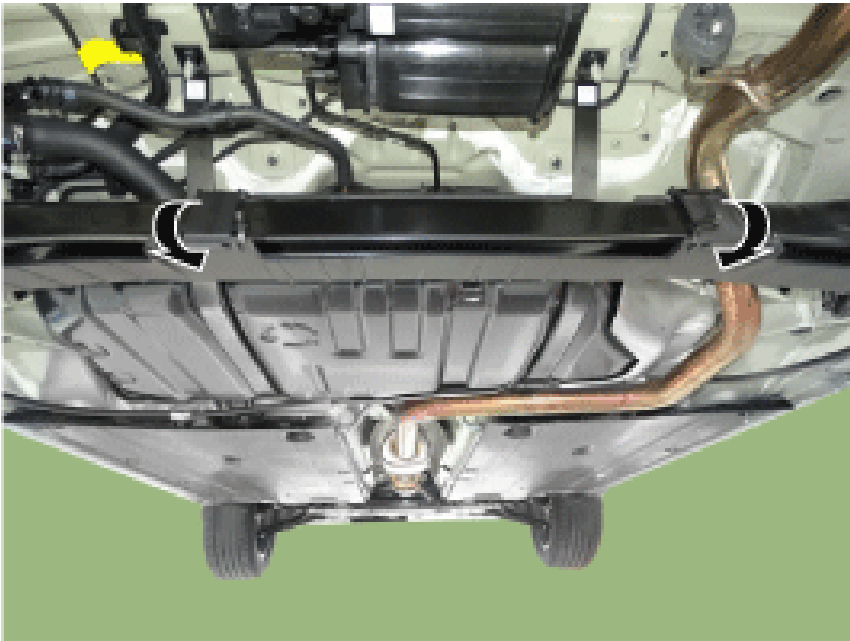
- Be careful not to damage the hub bolt s when removing the rear wheel and tire (A).
- Remove the brake caliper from the torsion beam axle. (Refer to Brake System - "Rear Disc Brake")
- Remove the rear hub assembly . (Refer to Dirveshaft and axle - "Rear Axle assembly")
- Loosen the bolt & nut and then remove the rear shock absorber (A) from the torsion beam axle. Tightening torque : 98.1 - 117.7 N.m (10.0 - 12.0 kgf.m, 72.3 - 86.8 lb-ft)

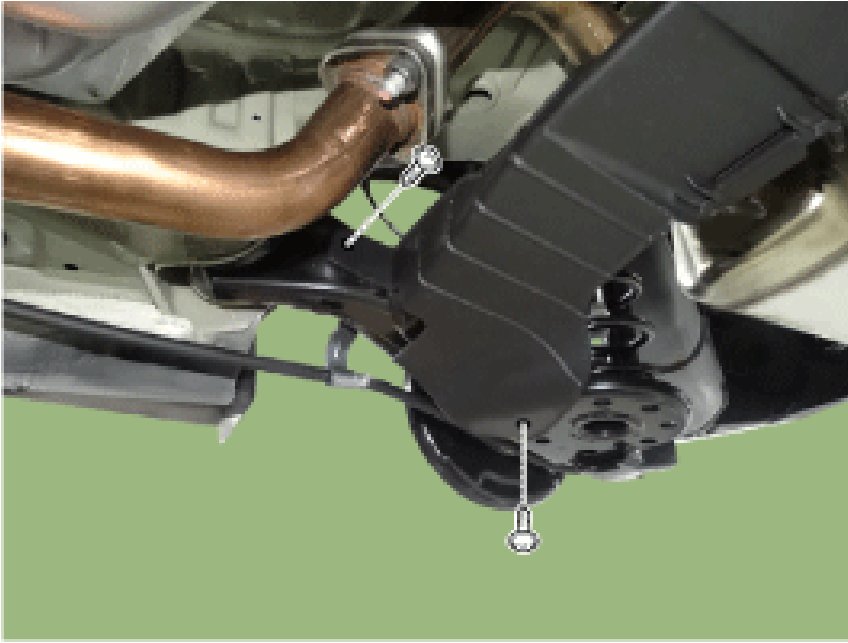


- Remove the coil spring .

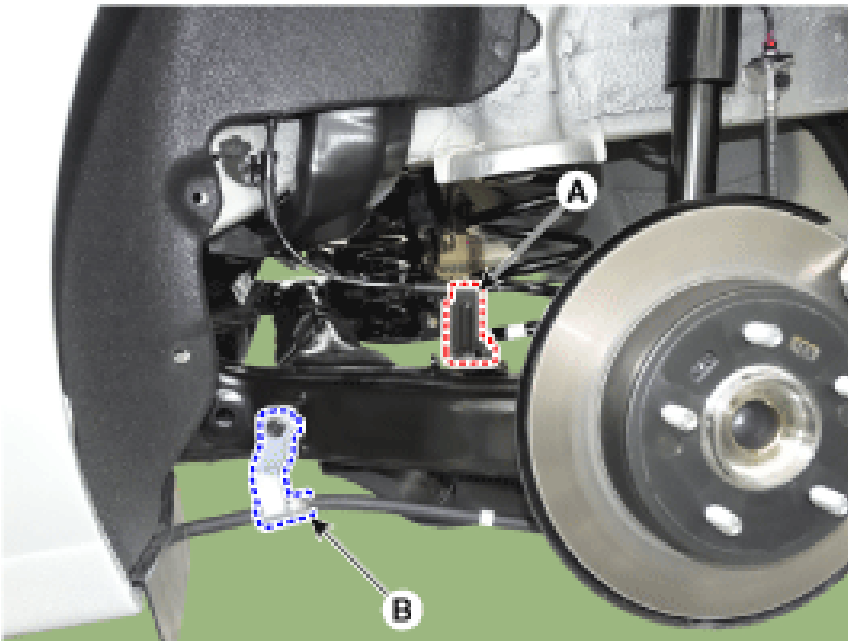


- Remove the rear torsion beam axle cover.

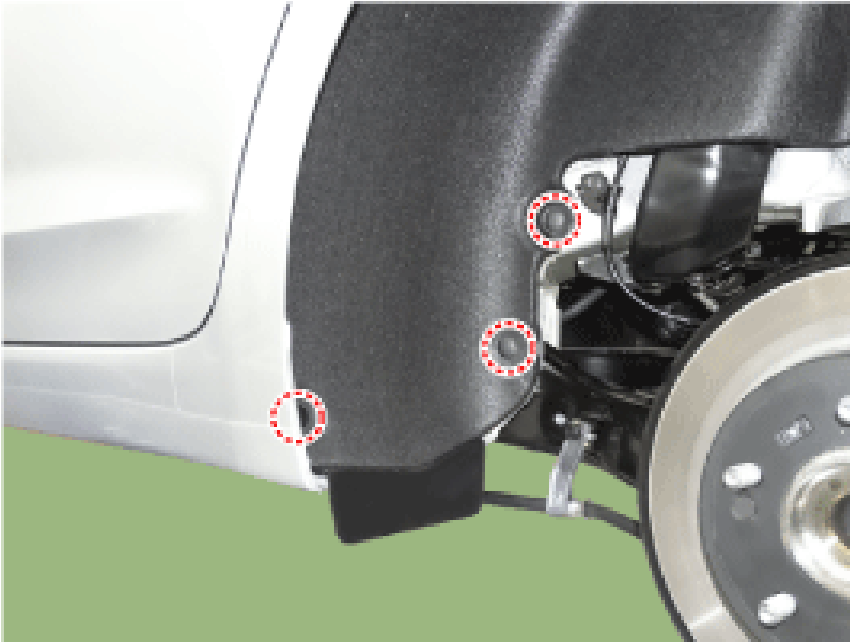




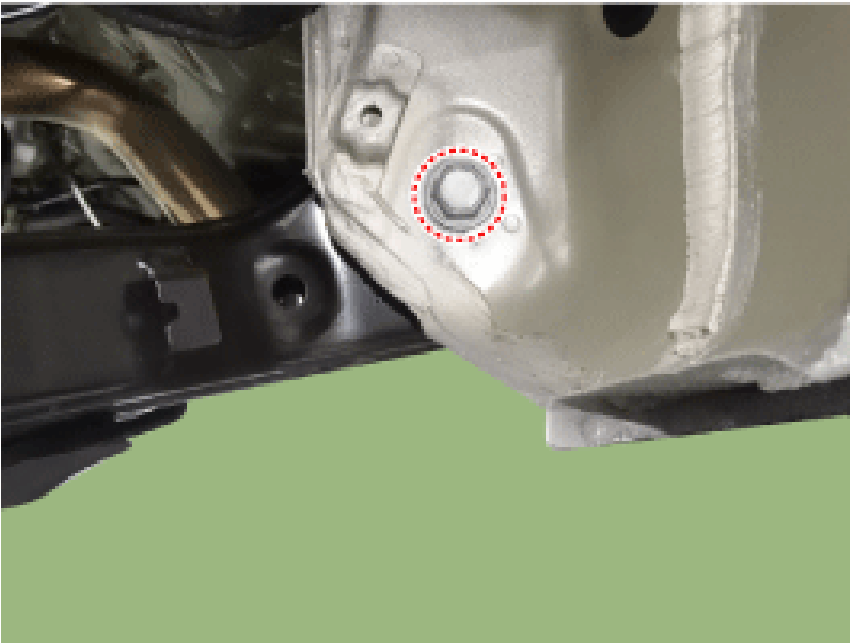
- Loosen the mounting bolt and then remove the wheel speed sensor cable bracket (A) and parking brake cable bracket (B). Tightening torque : 8.8 - 13.7 N.m (0.9 - 1.4 kgf.m, 6.5 - 10.1 lb-ft)



- Remove the fixed clip and then lift up the wheel housing.



- Loosen the mounting bolt and then remove the torsion beam axle. Tightening torque : 156.9 - 176.5 N.m (16.0 - 18.0 kgf.m, 115.7 - 130.2 lb-ft) [RH] [LH]  
[RH]



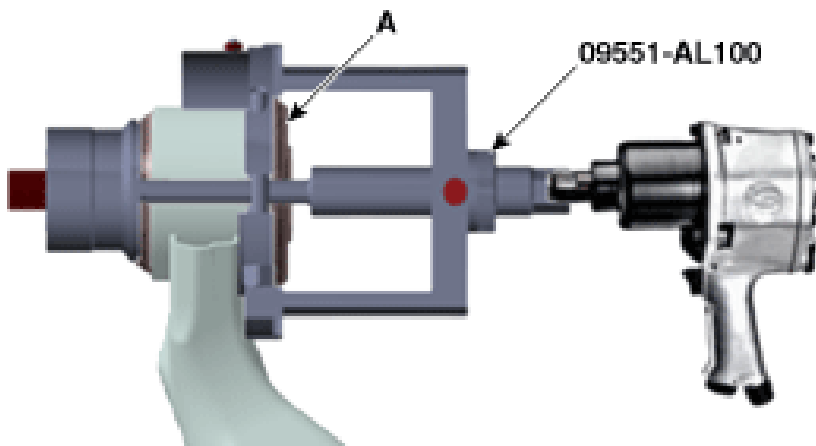
[LH]



- Install in the reverse order of removal.
- Check the front alignment. (Refer to Suspension System - "Front Alignment")
- Replacement

[Rear torsion beam axle bush replace]

- Remove the rear torsion beam axle from the vehicle. (Refer to Rear Torsion Beam Axle - "Removal")
- Using the SST (09551-AL100) and press, replace the bush (A). When press in the bush, press the same direction of the void (A) and the flange direction (B) before detaching.



When press in the bush, press the same direction of the void (A) and the flange direction (B) before detaching.

# ⚠ CAUTION

- When press in the bush, press the same direction of the void (A) and the flange direction (B) before detaching.

