

Removal

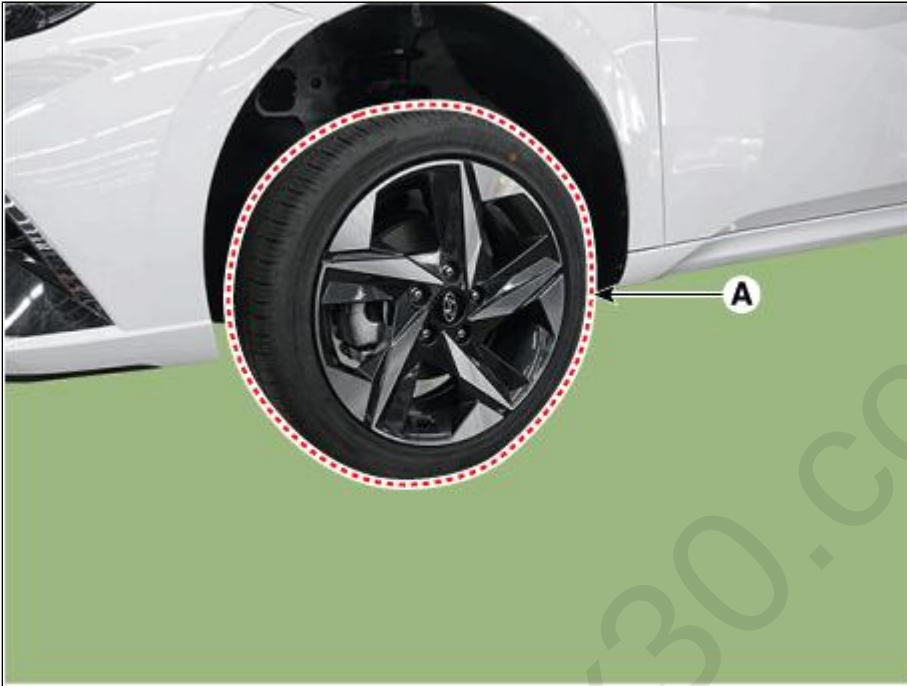
1. Loosen the wheel nuts slightly.
Raise the vehicle, and make sure it is securely supported.
2. Remove the front wheel and tire (A) from the front hub.

Tightening torque :

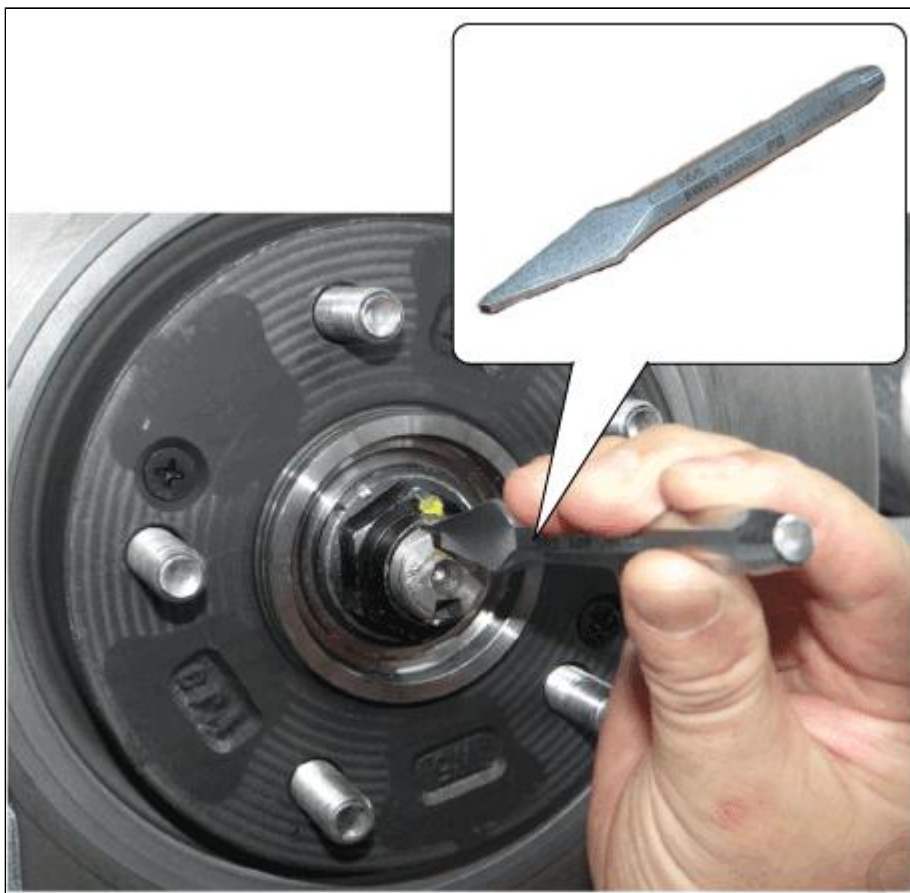
107.9 - 127.5 N.m (11.0 - 13.0 kgf.m, 79.6 - 94.0 lb-ft)

NOTICE

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

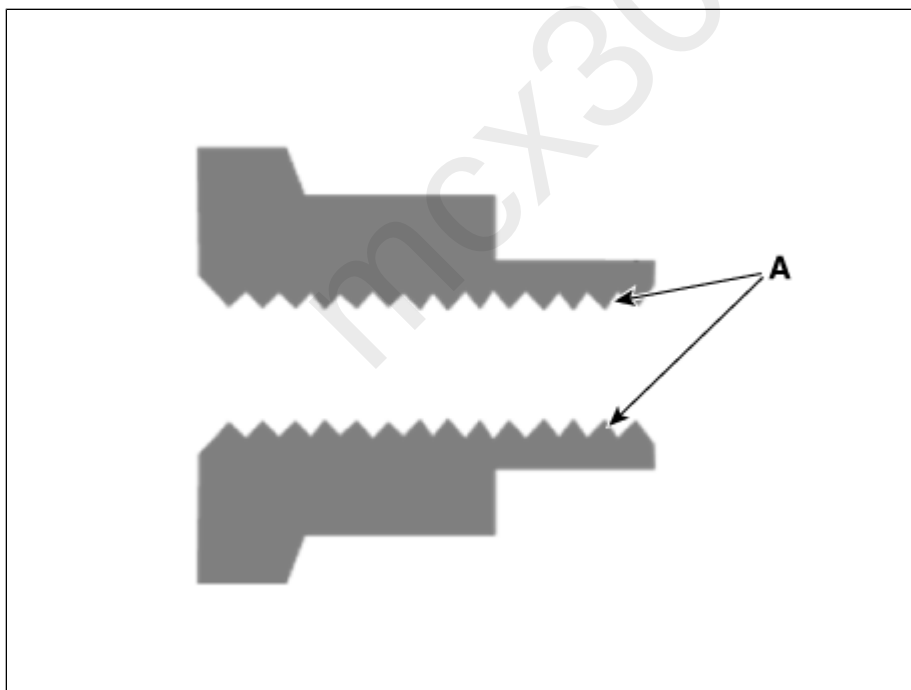


3. Remove the front brake caliper.
(Refer to Brake System - "Front Disc Brake")
4. By hammering on a chisel, unlock the driveshaft lock hub nut caulking.



NOTICE

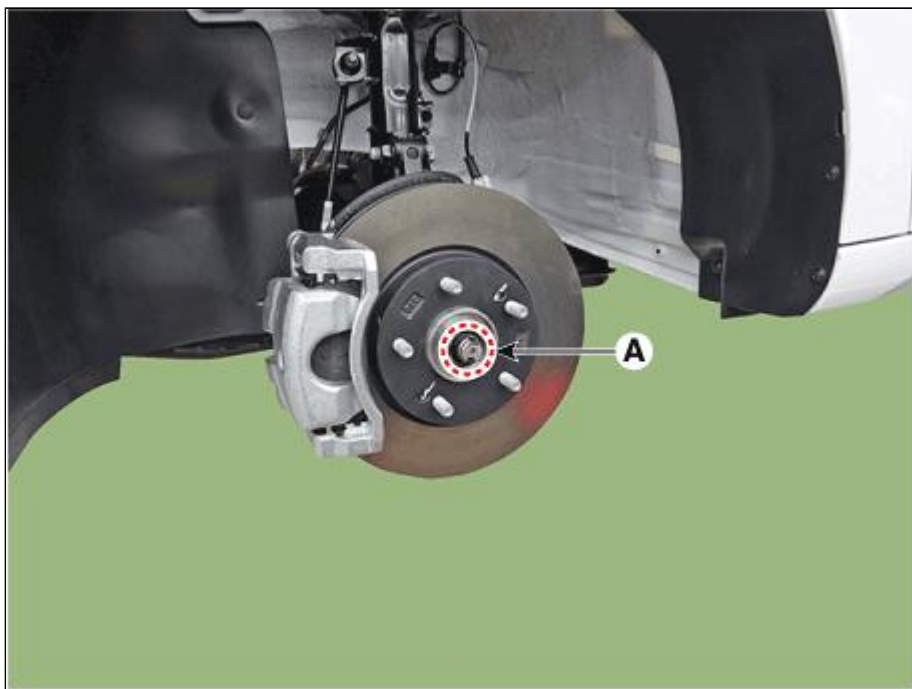
If there is screw thread (A) on the end of the nut, unlock the caulking by using a chisel and then loosen the nut to prevent damaging driveshaft screw thread.



5. Loosen the driveshaft caulking nut (A) from the front hub.

Tightening torque:

274.6 - 294.2 N.m (28.0 - 30.0 kgf.m, 202.5 - 217.0 lb-ft)

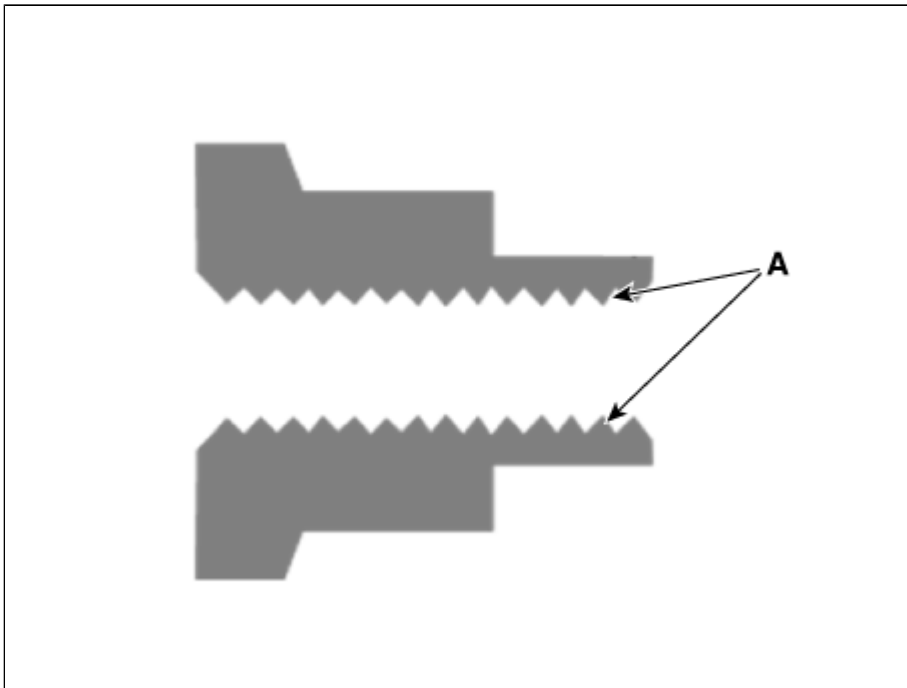


NOTICE

The driveshaft lock nut must be replaced with new one.



When replacing the drive lock hub nut, use only the nut with screw thread (A) on the end.



Tighten the driveshaft lock hub nut to the specified tightening torque, and caulk by using a chisel and hammer.

If there are two key seats, perform on all two seats.

Caulking depth (A) : 1.5 mm (0.0591 in)



6. Remove the stabilizer link from the front strut after loosening the mounting nut.

NOTICE

When removing the stabilizer link bar, fix the outer hexagon and loosen the mounting nut.
Be careful not to damage the link rubber boots.

Tightening torque :

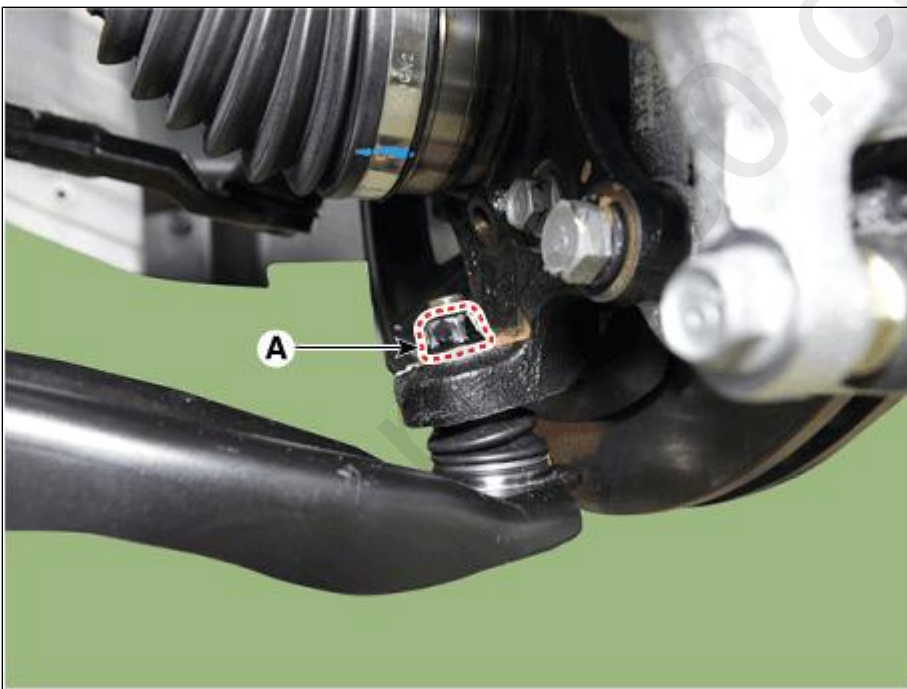
98.1 - 117.7 N.m (10.0 - 12.0 kgf.m, 72.3 - 86.8 lb-ft)



7. Separate the lower arm ball joint by using the SST (09568-1S100) after loosening the lower arm mounting nut (A).

Tightening torque :

68.6 - 80.4 N.m (7.0 - 8.2 kgf.m, 50.6 - 59.3 lb-ft)



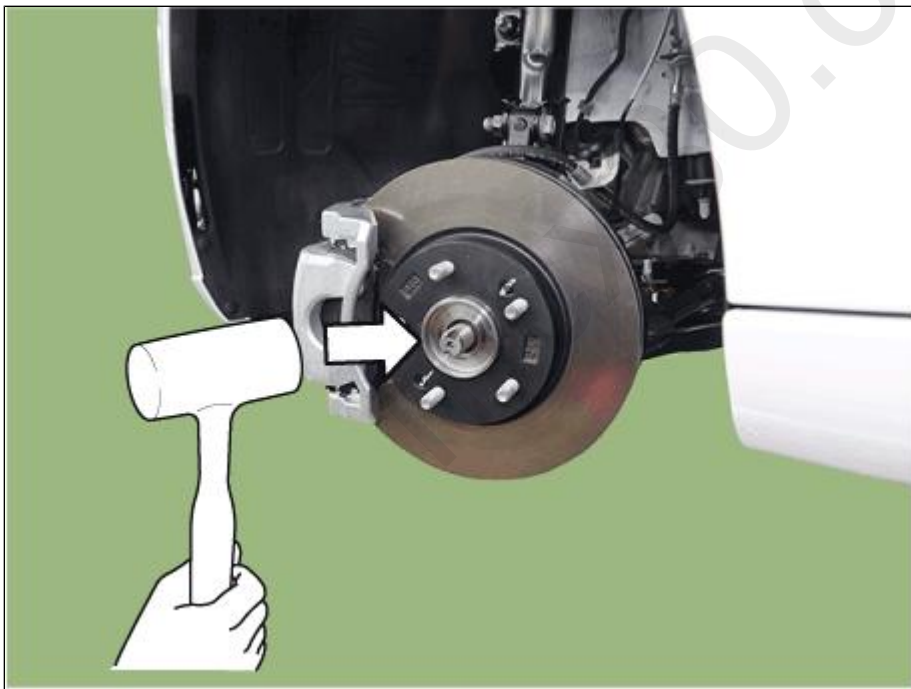


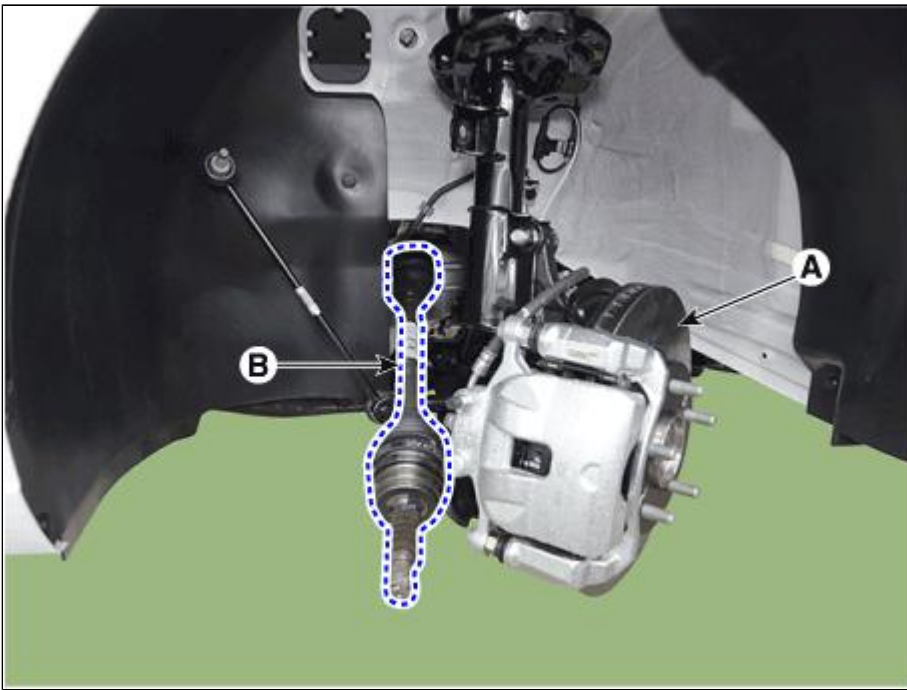
8. Separate the front knuckle (A) from the front drive shaft (B) by using the plastic hammer.

NOTICE

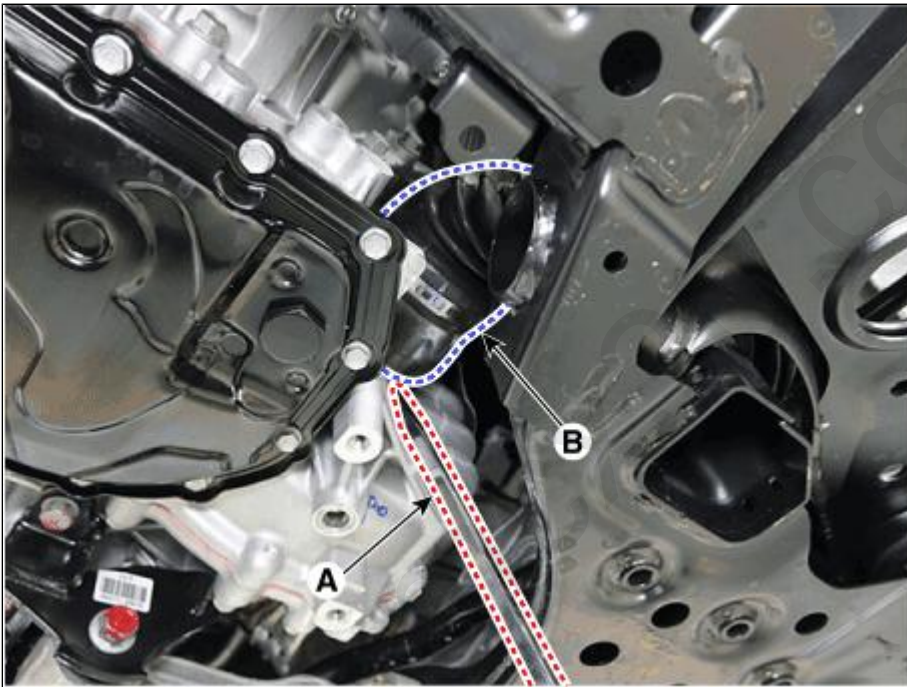
When removing the drive shaft, use a plastic hammer in order to avoid shock applied to the front knuckle.

When removing the drive shaft, do not forcibly pull or excessively bend the front knuckle to separate.





9. Remove the driver side drive shaft (B) by using the pry bar (A).



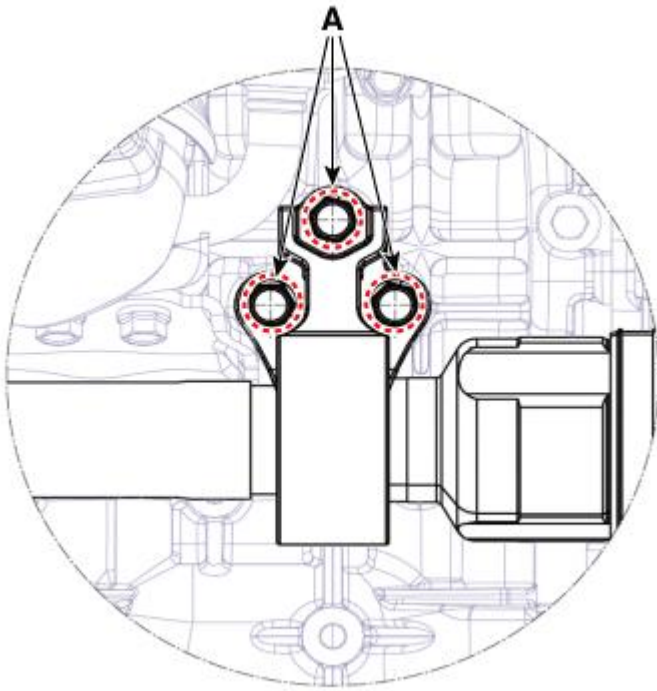
NOTICE

Use a pry bar being careful not to damage the transaxle and joint.
 Do not insert the pry bar too deep, as this may cause damage to the oil seal.
 Do not pull the driveshaft by excessive force it may cause components inside the joint kit to dislodge resulting in a torn boot or a damaged bearing.
 Plug the hole of the transaxle case with the oil seal cap to prevent contamination.
 Support the driveshaft properly.
 Replace the retainer ring whenever the driveshaft is removed from the transaxle

10. Remove the passenger side drive shaft (B) after loosening the inner shaft bearing bracket mounting bolts (A).

Tightening torque:

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



Installation

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

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