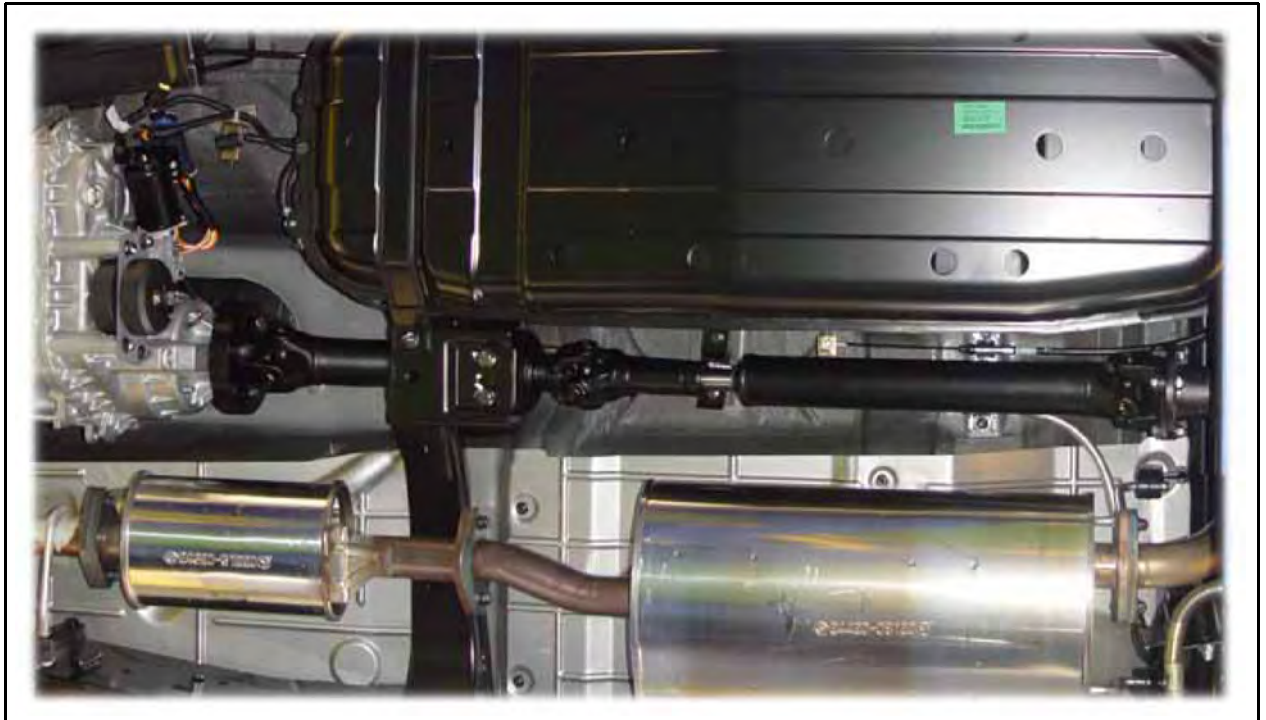
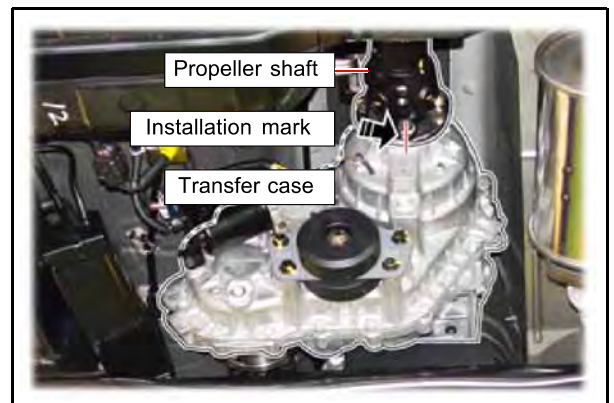
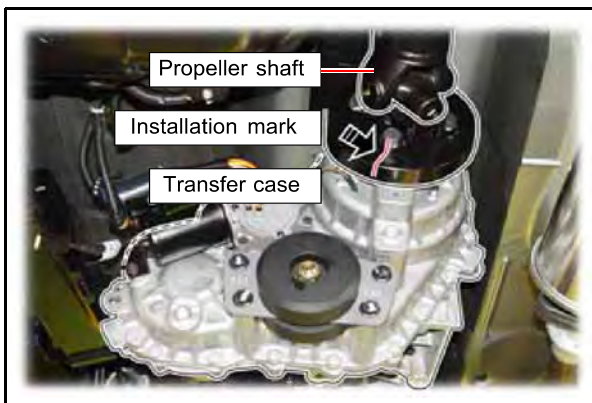


S.G.N. **3310-06 REAR PROPELLER SHAFT**



1. Remove the yoke mounting bolt and nut on the transfer case side of the rear propeller shaft.



**CAUTION**

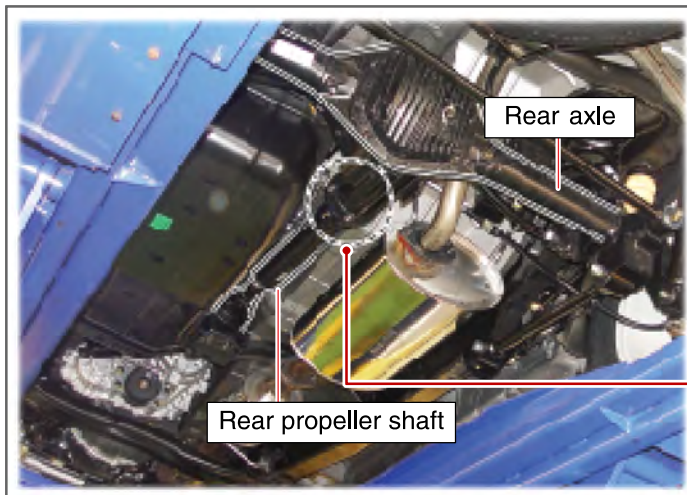
- Put installation marks on the yoke of the rear propeller shaft and the flange of the transfer case.

Modification basis	
Application basis	
Affected VIN	

2. Remove the intermediate bearing(center) bolts.



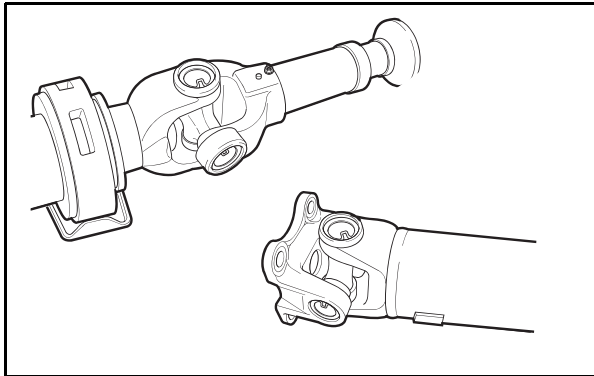
3. Remove the yoke and flange mounting bolts and nuts on the rear axle side of the rear propeller shaft. Then, remove the rear propeller shaft.



Modification basis	
Application basis	
Affected VIN	

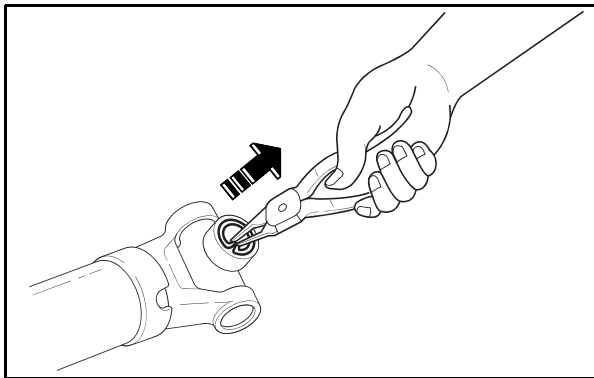
S.G.N.

## 3310-00 DISASSEMBLY AND REASSEMBLY PROPELLER SHAFT

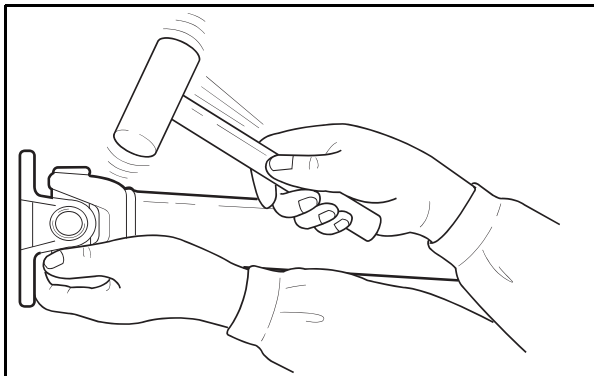


### 1) Disassembly

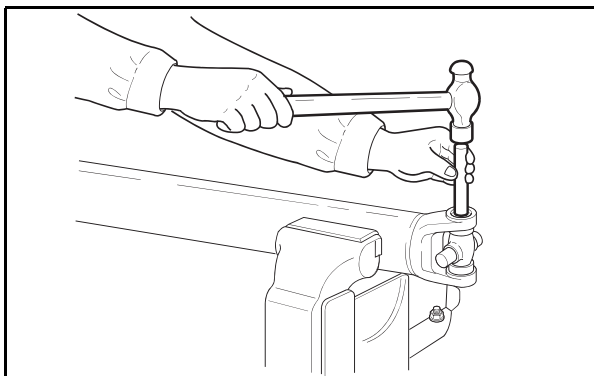
1. Place an alignment mark and remove the propeller shaft.
2. Place an alignment on the spiders before removing.



3. Remove the snap ring with snap ring pliers.

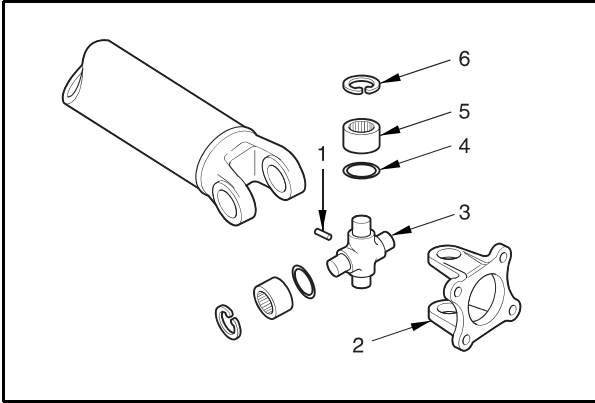


4. Tap the yoke shoulder on shaft with copper hammer to remove the roller bearing. Remove the other bearings with same manner.



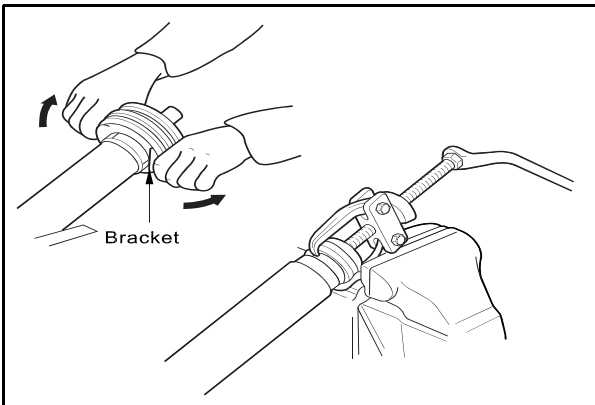
5. If it cannot be removed, hold the welding area with vise and remove the needle bearing by using a suitable drift and hammer.

Modification basis	
Application basis	
Affected VIN	

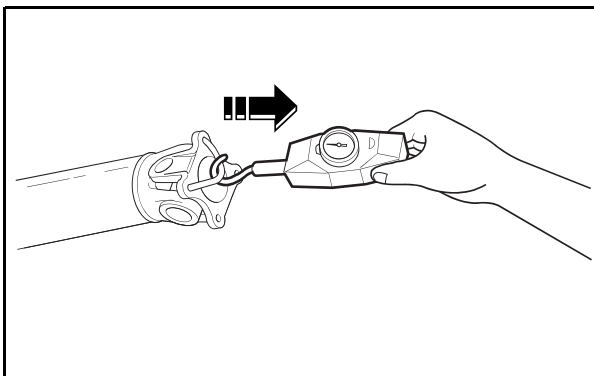
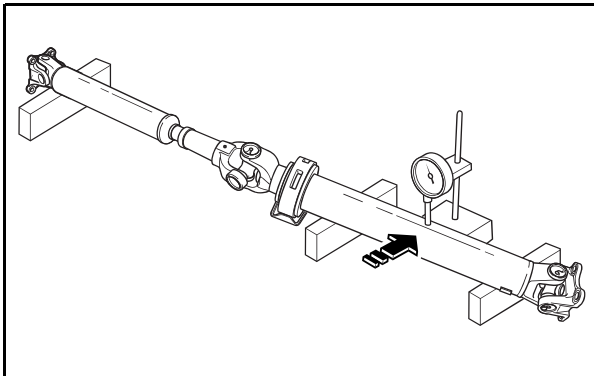
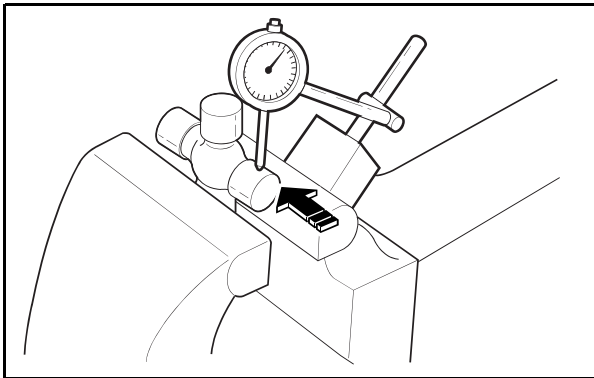
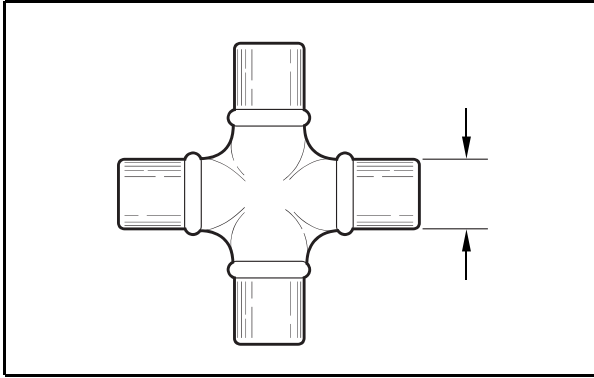


6. Disassemble the universal joint.

The universal joint compensates the angle changes due to vertical movement of the axle shaft.



7. Remove the intermediate bearing bracket and remove the bearing with special tool.



## 2) Check

1. Visual Check Check the components for wear and crack and replace if needed.
2. Outer diameter of spider journal.

Specified value	17.893 mm
Limit	17.910 mm

3. Clearance between spider journal and bearing.

Specified value	0.03 ~ 0.098 mm
Limit	0.25 mm

4. Run-out of propeller shaft Set up the dial gauge on the center point of propeller shaft and measure the run-out. If the run-out is out of the specified range, correct it with press or replace it with new one.

Limit	0.4 mm
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5. Starting torque of universal joint.

Specified value	3 ~ 8 kg.cm
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6. Major causes of vibration
  - Balance weights missing
  - Excessive run-out of propeller shaf
  - When using the general bolts
  - Excessive wear of universal joint
  - Stuck in sleeve joint
  - Vibration is mainly caused by the angle changes in front and rear universal joint. It normally occurs when the vehicle speed is 60 ~ 100 km/h.

Modification basis	
Application basis	
Affected VIN	