

# SERVICE BULLETIN

AFTERSALES SERVICE OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-07E26-502	DATE : 2007-12-05
SUBJECT : BRAKE DISK REMOVAL PROCEDURE	<div> <div>&lt;MODEL&gt;</div> <div>(EUR)</div> <div>OUTLANDER</div> <div>(GS45X)(CW0W)</div> </div> <div> <div>&lt;M/Y&gt;</div> <div>07-</div> </div>	
GROUP : FRONT AXLE		

## 1. Description:

According to the abolishment of the service bolt holes on the brake disk, the brake disk removal procedure is modified. This Service Bulletin contains the alternative procedure.

## 2. Applicable Manual:

Manual	Pub. No.	Title (Info-ID)	Attachment
2007 OUTLANDER Workshop Manual CD-ROM	CGXE07E1-CD (English)	Front Axle Hub Assembly Removal and Installation (M261-00-171-07700-01)	Attachment 1
	CGXF07E1-CD (French)		
	CGXG07E1-CD (German)		
	CGXS07E1-CD (Spanish)		

## 3. Effective Date:

From the first production models

## 4. Corrected Specifications:

See Attachment 1.

## FRONT AXLE FRONT AXLE HUB ASSEMBLY

26-

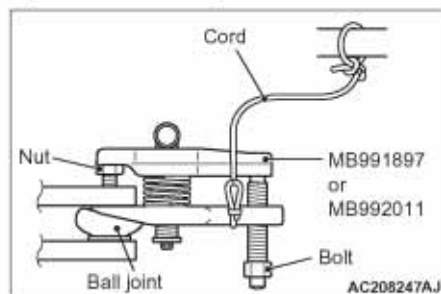
**Removal steps (Continued)**

8. Front height sensor to lower arm connection <Vehicles with headlamp automatic leveling system> <Incorrect>
- <<C>> 9. Brake disc
10. Stabilizer link connection
11. Nut (lower arm ball joint connection)
- <<D>> 12. Self-locking nut (tie-rod end connection)
- <<E>> 13. Driveshaft
14. Hub knuckle assembly and strut mounting bolt and nuts
15. Hub knuckle assembly

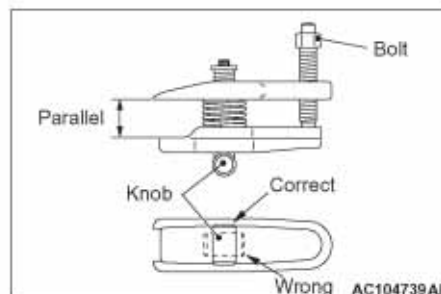
If the brake disc removal is difficult, install bolts (M8 x 1.25 mm) shown in the figure, and tighten them evenly and gradually to remove the brake disc.

**<<D>> SELF-LOCKING NUT (TIE-ROD END CONNECTION) REMOVAL****⚠ CAUTION**

- Loosen the self-locking nut (tie-rod end connection) from the ball joint, but do not remove here. Use the special tool.
- To prevent the special tool from dropping off, suspend it with a rope.



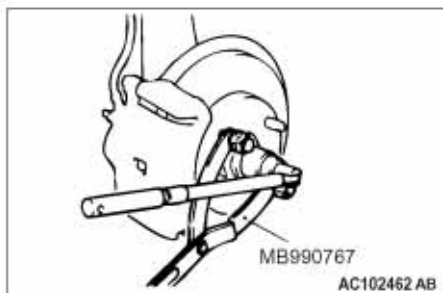
1. Install special too ball joint remover (MB991897 or MB992011) as shown in the figure.



2. Turn the bolt and knob to make the special tool jaws parallel, then hand-tighten the bolt. After tightening, check that the jaws are still parallel.  
*NOTE: To adjust the special tool jaws to be parallel, set the orientation of the knob as shown in the figure.*
3. Unscrew the bolt to disconnect the ball joint.

**REMOVAL SERVICE POINTS****<<A>> DRIVESHAFT NUT REMOVAL****⚠ CAUTION**

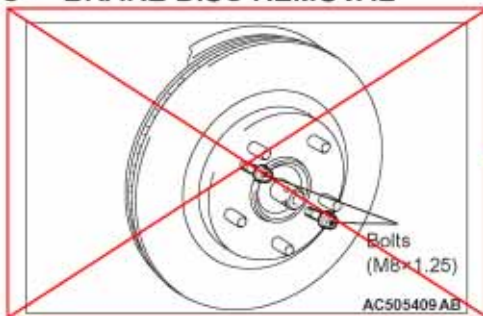
Do not apply the vehicle weight on the front wheel hub assembly with the driveshaft nut loosened. Otherwise, the wheel bearing may be broken.



Use special tool front hub and flange yoke holder (MB990767) to counter the hub as shown in the figure to remove the driveshaft nut.

**<<B>> CALIPER ASSEMBLY REMOVAL**

Retain the removed caliper assembly with a wire and the like to prevent from falling.

**<<C>> BRAKE DISC REMOVAL**<Incorrect>

If the brake disc removal is difficult, use a plastic hammer to remove the brake disc.

<Correct>