



DTB

Date: April 10, 2007
Order No.: T-B-41.10/03a
Supersedes: T-B-41.10/03 dated Nov. 17, 2005
Group: 41

Revision History

Revision	Date	Purpose
a	4/10/07	Step 2b Revised
-	11/17/05	Initial issue

SUBJECT: Model 164.175/186
Up to June 30, 2005 Production Date, VIN Range A000826 to A026114
Vibration at Front Driveshaft While Driving at Highway Speeds

If you receive customer reports in the above model vehicles of a vibration at the front driveshaft while driving at highway speeds, this may be due to an unfavorable torque sequence of the constant velocity joint between the front differential and the front driveshaft. To resolve, perform the below remedy.

1. Replace bolts on the constant velocity joint between the front differential and the front driveshaft, observe the following tightening instructions (Figure 1).
2. White markings on front axle gear propeller shaft constant velocity joint and on front axle gear flange must be at the 12 o' clock position (Figure 2, arrow), until bolt 1 (Figure 1) has been tightened with initial torque. Always observe the tightening pattern.
 - a. Tighten bolt 1 (Figure 1) with 10 Nm initial torque.
 - b. Tighten the opposite bolt 2 to 40 Nm+ 90° tightening angle by turning propeller shaft through 180°. Then tighten bolts 3 - 4 - 1 - 5 - 6 to 40 Nm+ 90° tightening angle by turning propeller shaft accordingly (mark tightened bolts to give a better overview).

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

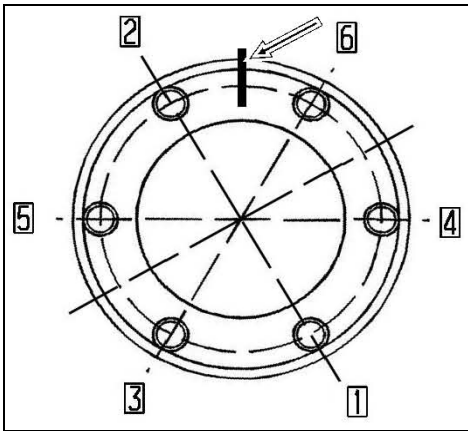


Figure 1

T-B-41.10/03

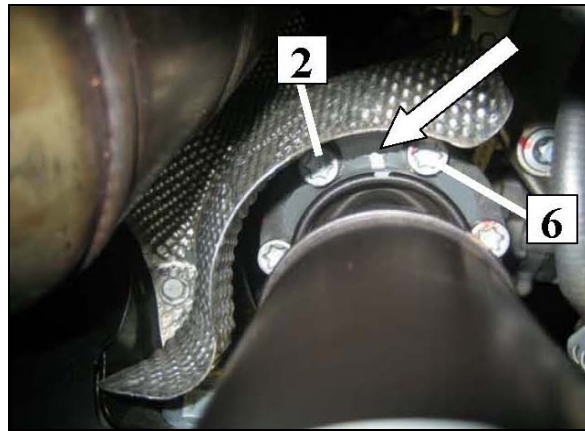


Figure 2

T-B-41.10/03

Parts Information

Qty.	Part Name	Part Number
6	Bolt and washer	N000000 004138 ¹⁾

¹⁾ Bolts and washers must always be replaced after having been previously torqued.

i **Note:** The following allowable labor operations should be used when submitting a warranty claim for this repair.

In Case of Warranty

Operation: Road test, perform (00-9151)
Bolts – front driveshaft, replace (41-0000)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
41051 20	00 9151	0.3 hrs.	Z1, Z2
	41 0000	0.6 hrs. *	Z1, Z2

* Maximum time allowed with a separate time punch.