



Mercedes-Benz

Campaign No. 2015050001, May 2015

Revision	Date	Purpose
A	05/14/15	Inclusion of customer letter
-	05/11/15	Initial release

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 906 (Sprinter) with Engine 651 (4-Cylinder Diesel)**
Model Year 2015
Replace Timing Chain Tensioner Sealing Ring

Daimler AG (DAG) has determined that on approximately 1,338 Model Year 2014-2015 Mercedes-Benz and Freightliner Sprinter vehicles, the chain tensioner sealing ring on the 4-cylinder diesel engine may have experienced variations in material tolerances during a certain production period. Such sealing rings may exhibit an increased settling behavior, which could negatively influence the pretensioning force. Over time, this might lead to loosening of the chain tensioner, as well as an ineffective sealing ring seal for engine oil. As a consequence, leakage of engine oil onto the road might pose a threat to traffic. Should the oil leakage reach a certain amount the engine might stall. Oil leakage in the presence of an ignition source could also increase the risk of a potential fire. An authorized Sprinter dealer will replace the chain tensioner sealing ring.

Prior to performing this Recall Campaign:

- Please check VMI to determine if the vehicle is involved in the Campaign and if it has been previously repaired.
- Please review the entire Recall Campaign bulletin and follow the repair procedure exactly as described.

Please note that Recall Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately 1,338 vehicles are involved.

Order No. V-RC-2015050001

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.

Procedure

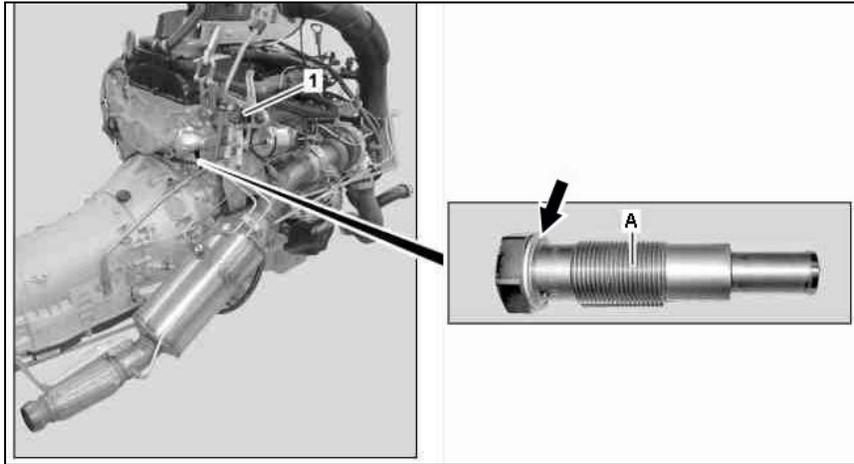


Figure 1 (A: Timing Chain Tensioner 1: Mounting bracket Arrow: Timing chain sealing ring)

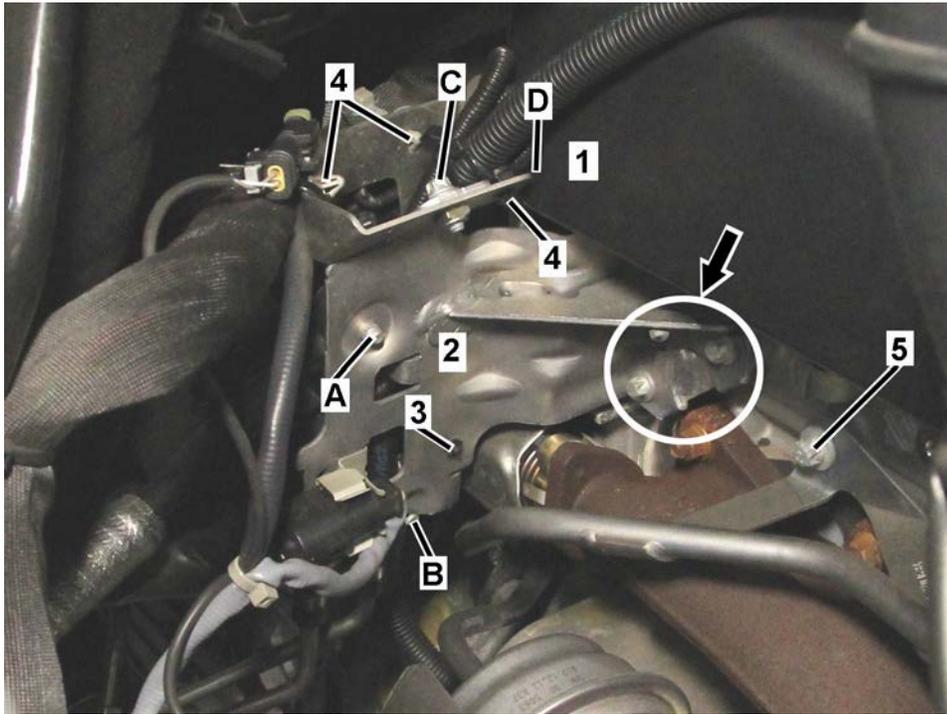


Figure 2

1. Set piston for cylinder 1 to top dead center (TDC): Refer to WIS: AR05.20-D-6010WE. Perform step 3 only.

Note:

- Turn vibration damper pulley from below vehicle (with vehicle on the ground) and have assistant check timing mark on vibration damper pulley.
 - Turn vibration damper pulley in direction of rotation only.
2. Remove air intake pipe; refer to WIS: AR09.10-D-8131WE.
Note: Be careful not to damage seal on intake pipe connected to turbo or damage to turbo may occur.
 3. Lift up on right rear corner (1, Figure 2) of upper engine cover to release cover from mounting bracket (2). **Note:** Engine cover is mounted to a ball stud (D) on the mounting bracket (2).
 4. Carefully push cable tie mounting clip (3) out from mounting bracket (2). Be careful not to damage mounting clip (3). In the event of damage to mounting clip, replace with part no.: A 007 997 5690.

5. Remove differential pressure sensor screws (A, B, Figure 2) from rear of mounting bracket (2, Figure 2). Refer also to Figure 3.
6. Remove top screw (C, Figure 2) from mounting bracket (2, Figure 2).
7. Remove 3 mounting bracket screws (arrow, Figure 2).

Note: Do not remove cable tie mounting clips (4, Figure 2) out from mounting bracket (2, Figure 2).

8. Remove transmission dipstick tube mounting screw (5, Figure 2).
9. Move mounting bracket (2, Figure 2) away from engine.

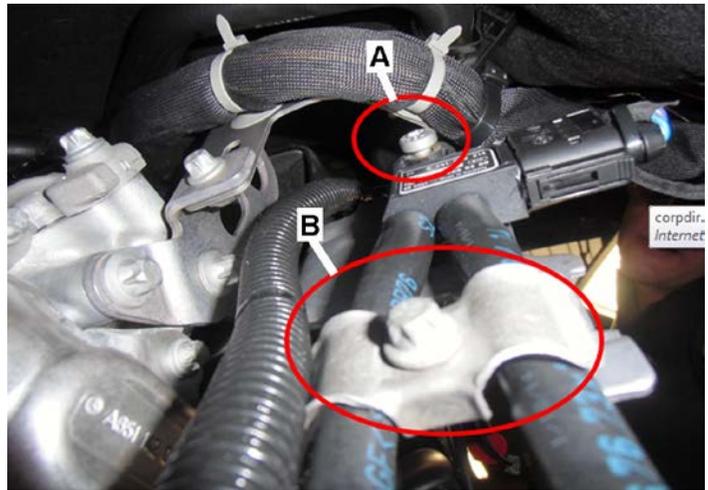


Figure 3 (Rear view of mounting bracket)

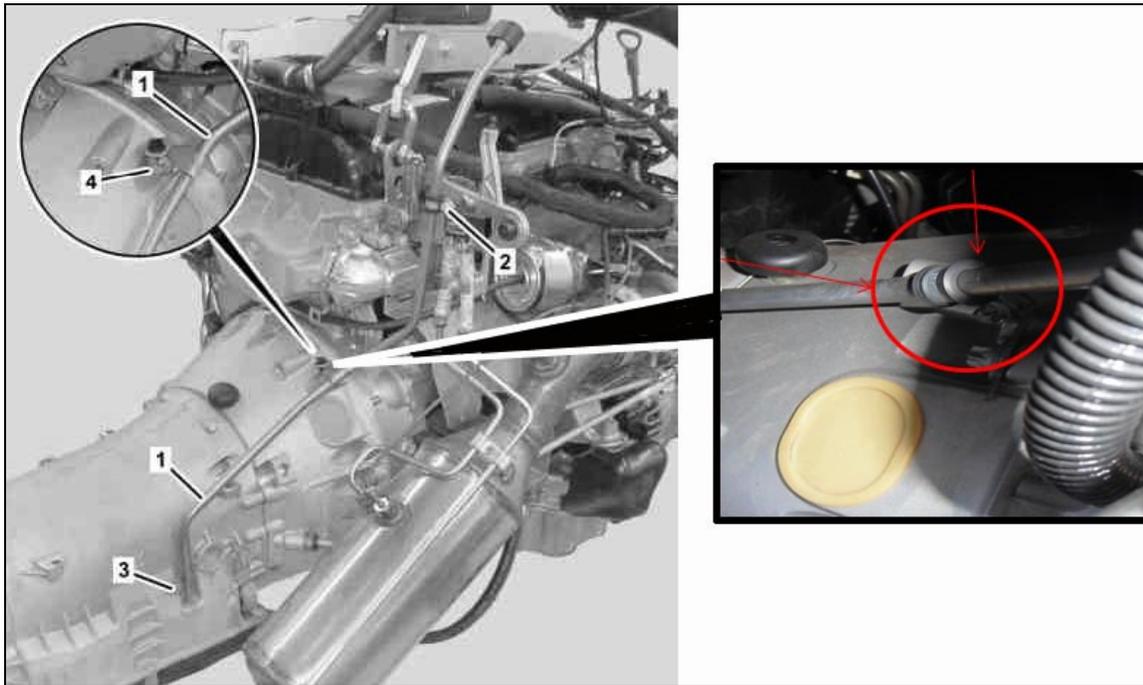


Figure 4 (shown on vehicle up to 8/31/10)

10. Remove transmission dipstick tube mounting bolt (4, Figure 4).
11. Loosen transmission dipstick tube (1, Figure 4) **Do not** remove transmission dipstick tube.

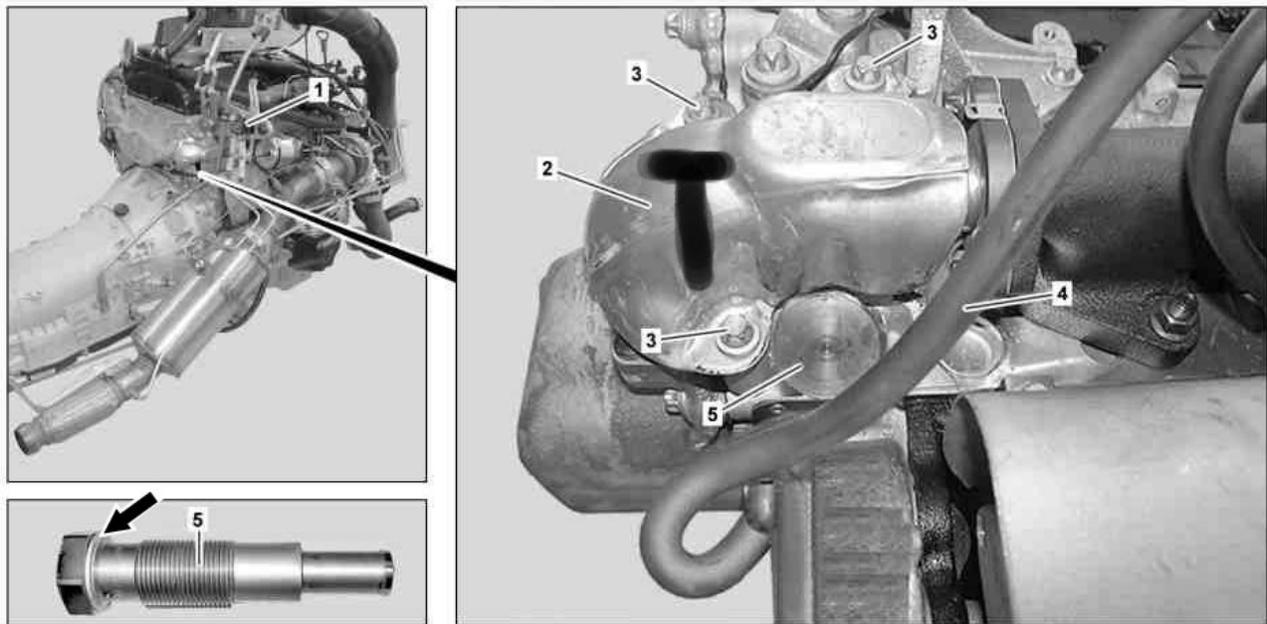


Figure 5

12. Remove bolts (3, Figure 5) and remove heat shield (2).

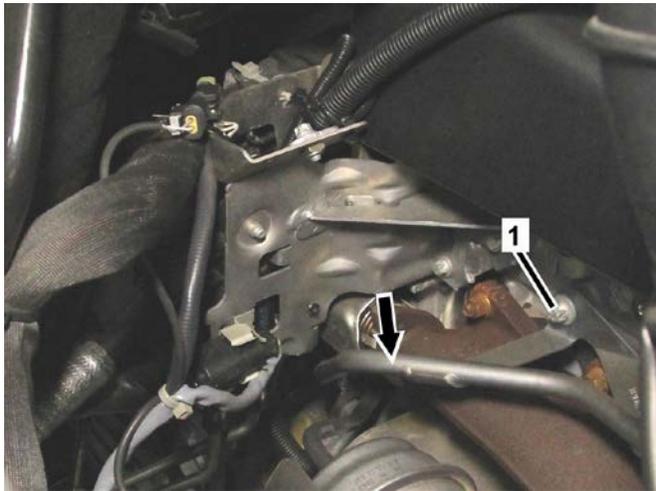


Figure 6

13. Slightly lift transmission dipstick tube (arrow, Figure 6) then remove timing chain tensioner (5, Figure 5).
14. Place timing chain tensioner (5, Figure 5) into a vice; refer to WIS: AR05.10-D-7800-04WE.
15. Replace timing chain tensioner sealing ring (arrow, Figure 5).
16. Start timing chain tensioner (5, Figure 5) into engine by hand.
17. Torque timing chain tensioner (5, Figure 5) to 80 Nm.
18. Mark heat shield (2, Figure 5) with the letter "T" (using permanent marker) to indicate campaign has been performed.
19. Reinstall remaining components in reverse order.

Note:

Torque specification for fasteners are listed below:

- Heat shield screws (3, Figure 5): 8 Nm.
- 2 Transmission dipstick tube mounting screws (4, Figure 4 and 5, Figure 7): 8 Nm..
- Mounting bracket screw (arrows, C, Figure 7): 9 Nm.
- Differential pressure sensor screws (A, B, Figure 7): 8 Nm.
- Clamps securing air intake pipe (WIS: AR09.10-D-8131WE): 3 Nm.
- Be sure to reinstall cable mounting clip (3, Figure 7). In the event of damage to mounting clip, replace with part no.: A 007 997 5690

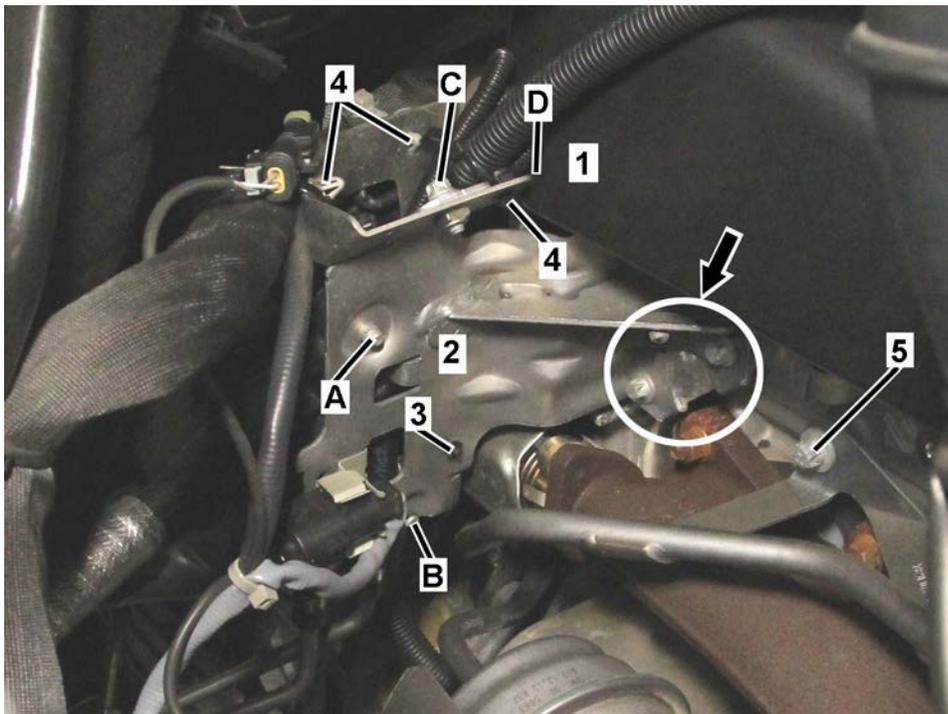


Figure 7

20. Start engine and check for leaks.

i **Note** (regarding WIS documents referenced in this Procedure):

Replacement of parts not listed in the parts table of this Procedure are not claimable under this campaign. If replacement of additional part(s) is necessary, check coverage prior to submitting under warranty.

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
2	Cable tie	A 002 997 24 90	100%
1	Timing chain sealing ring	A 651 997 01 45	

i **Note:**

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is/are approved for use to repair the vehicle. Repairs performed using any other part(s) will not have been performed in accordance with the campaign. Accordingly, warranty claims submitted with reference to an improper part number(s) will be denied.
- The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information

Operation: Replace sealing ring on timing chain tensioner (02 8853)
Additional for automatic transmission (02 8860).

Damage Code	Operation Number	Labor Time (hrs.)
01 920 67 7	02 8853	1.0
	02 8860	0.1

i **Note**

Operation Number labor times are subject to change.



Mercedes-Benz

IMPORTANT SAFETY RECALL 2015050001
This notice applies to your vehicle, Insert VIN here
Timing Chain Tensioner Gasket
NHTSA Recall # 15V261

Mercedes-Benz USA, LLC
Bernhard J. Glaser
Vice President &
Managing Director
Vans USA

May, 2015

Dear Mercedes-Benz Owner,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Daimler AG (DAG), the manufacturer of Mercedes-Benz Sprinter vehicles, has decided that a defect which relates to motor vehicle safety exists in the timing chain tensioner gasket of Model Year 2015 Mercedes-Benz Sprinter vehicles during a certain production period. Our records indicate that your vehicle is included in the affected population of vehicles.

WE SENT YOU THIS NOTICE BECAUSE WE ARE CONCERNED ABOUT YOUR SAFETY.

The chain tensioner gasket on the 4-cylinder diesel engine may have experienced variations in material tolerances during a certain production period. Over time, this might lead to loosening of the chain tensioner, as well as an ineffective gasket seal for engine oil. As a consequence, leakage of engine oil onto the road might pose a threat to following traffic. Should the oil leakage reach a certain amount, the engine might stall. Oil leakage in the presence of an ignition source could also increase the risk of a potential fire. An authorized Mercedes-Benz Sprinter dealer will replace the timing chain tensioner gasket.

This service will be provided free of charge. We are dedicated to always delivering the Best or Nothing – and respect for your time is a top priority. While the minimum repair time is approximately one and a half hours, your dealer can provide you with a better estimate of the overall time for this service visit. As a matter of normal service process, an authorized Mercedes-Benz Sprinter dealer will also check for other repair measures which might be applicable to your vehicle and this may increase the required working time.

For additional information and to schedule an appointment please contact **MERCEDES-BENZ OF ANYTOWN, 201-555-1234** or another authorized dealer, at your earliest convenience. To locate additional authorized dealers see www.sprintervansusa.com/dealer-locator. **Please mention you are scheduling an appointment to replace your timing chain tensioner gasket under Recall Campaign # 2015050001.** You may be asked for your 17-digit Vehicle Identification Number (VIN) which, for your convenience, is located above your name at the top of this letter.

In the event that you are no longer the vehicle owner, or have had a change of address, please complete the reverse side and return the updated information in the enclosed envelope. If this is a leased vehicle and the lessor and registered owner receive this notice, please forward this information by first class mail to the lessee within 10 days to comply with federal regulations.

Should you have any questions or encounter any difficulty regarding this Recall Campaign please contact an authorized Mercedes-Benz Sprinter dealer. If for any reason a dealer is unable to remedy your situation, we are always happy to hear from you. Please contact us at 877-762-8267

If an authorized Mercedes-Benz Sprinter dealer or Mercedes-Benz USA, LLC fails or is unable to perform this service without charge within 60 days, pursuant to law 49 U.S.C. Chapter 301, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590 or call the toll-free Auto Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153); or go to <http://www.safercar.gov>.

We regret any inconvenience this situation may cause you.

Sincerely,

Mercedes-Benz USA, LLC
One Mercedes Drive
P.O. Box 350
Montvale, NJ 07645-0350
Phone (201) 573-0600
Fax (201) 573-0117
www.MBUSA.com

IMPORTANT

IF FOR ANY REASON YOU DO NOT NOW OWN THIS VEHICLE OR HAVE A CHANGE OF ADDRESS, PLEASE COMPLETE THE SECTION BELOW, PLACE IN THE ENCLOSED ENVELOPE, AND DROP IN ANY MAIL BOX. IF POSSIBLE, PROVIDE THE NAME AND ADDRESS OF THE PRESENT OWNER SO THAT WE MAY CONTACT THEM.

SCRAPPED

STOLEN

OTHER _____

SOLD **I HAVE SOLD THE VEHICLE TO:**

MY NEW ADDRESS IS:

NAME _____

STREET _____

APT. _____

CITY _____

STATE _____

ZIP _____

PHONE _____

THANK YOU FOR YOUR COOPERATION

IMPORTANT SAFETY RECALL 2015050001
This notice applies to your vehicle, Insert VIN here
Timing Chain Tensioner Gasket
NHTSA Recall # 15V261

May, 2015

Daimler Vans USA, LLC

A Daimler Company

Bernhard J. Glaser

Vice President &

Managing Director

Vans USA

Dear Freightliner Sprinter Owner,

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P.O. Box 350
Montvale, NJ 07645-0350
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