

SERVICE BULLETIN

TS-S34

Safety Recall / NHTSA Campaign # :13V-111



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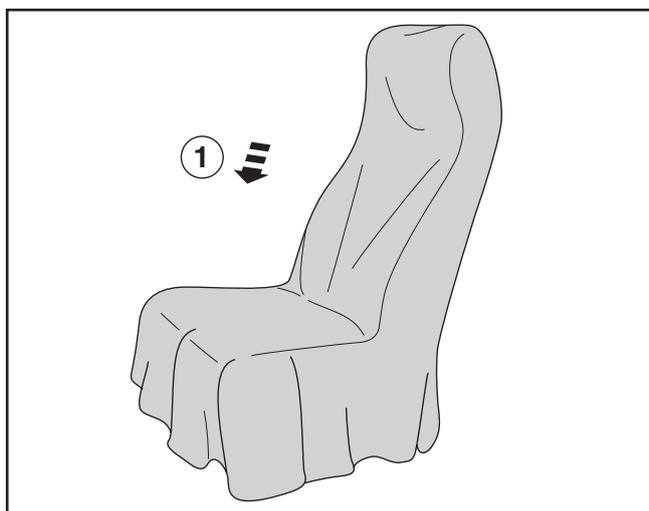
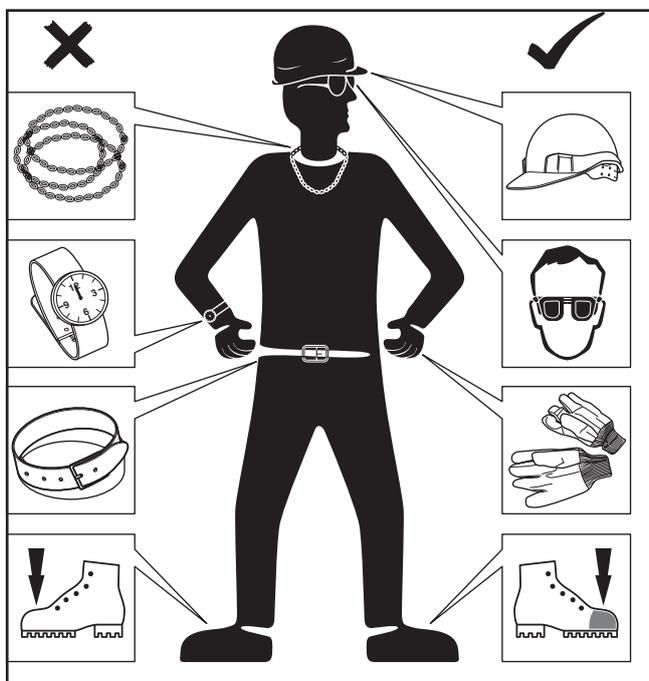
00 Foreword

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1. General Precautions

Please read the rules in this Section carefully; to avoid the risk of death, injury or property damage. Qualified and trained technicians should use The Service Bulletin. Making repairs or service without the adequate training and using inappropriate tools and equipment may cause injury and could damage the bus. Some of the procedures require specific tools designed for specific purposes, so use the tools mentioned in the manual when necessary.

Bus service and repair must be done correctly following the instructions to ensure the safety of the service technician and correct function of the bus. If a part must be replaced, the same part number or an equivalent part should be used. Pay great attention to use a replacement part of good quality.



2. Symbol List

Operating Instructions in this bulletin includes the following symbols, warning words and signs:



CAUTION

This symbol is used in conditions which may cause damage or injury if necessary measures are not taken.



WARNING

This symbol is used in conditions which may cause severe damage or fatal injury if necessary measures are not taken.



DANGER

This symbol is used to indicate danger.



VISUAL INSPECTION

This symbol is used to inform the user that a visual inspection is necessary.

3. Before Start of Work

3.1. Mechanical Requested Dress Code

Always wear protective clothing. Do not wear any damaged or loose-fitting clothing and remove jewelry before starting the work. In case of long hair use hairnet. The illustration below shows some of the correct or incorrect clothing that should be worn during work.

Sharp edges should be avoided e.g belts, watches, necklaces to prevent catching the vehicle.



WARNING

Dress correctly to avoid injury and damage to the vehicle.

3.2. Protect Seats When Mechanics Start Working

1. Seats, trimming, upholstery stuff and carpeting should be protected with appropriate coverings.

NOTE

Service bulletin expiry dates differ according to service bulletin type.

Definitions

Release Date: As of this date the bulletin is released and available on E-Doc. Modification parts can be ordered. The time period between the release date and the effective date may vary according to the procurement lead time.

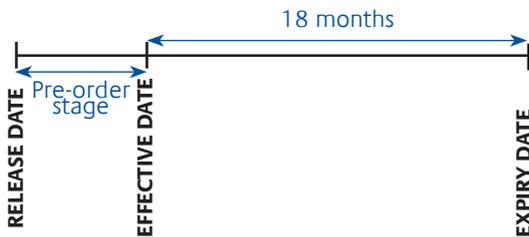
Effective Date: As of this date specified amount of the total modification parts will be available on Spare Parts Stock. Modification parts can be ordered and the application can be performed. (except non-compliance and safety related campaigns, i.e. S-Type Bulletin)

Part Order Deadline: Last order date for modification parts. The part orders which will be placed after this date should be approved by Regional Coordinator.

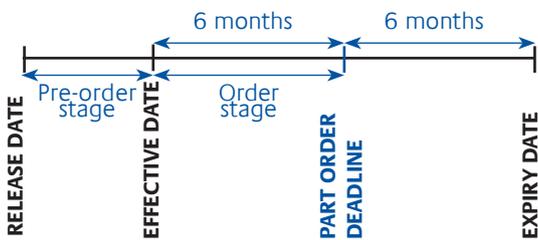
Expiry Date: Expiration date for the application.

Bulletin Types

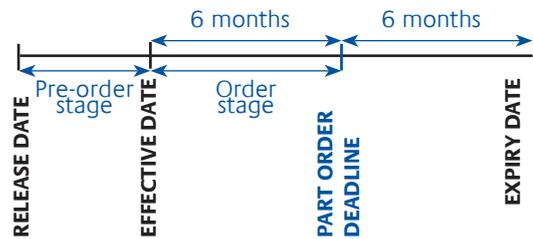
- **S-Type:** Application period of this bulletin is 18 months after the date of issue.



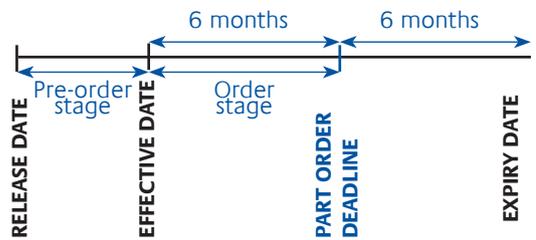
- **U-Type :** Application period of this bulletin is 12 months after the date of issue.



- **C-Type:** Application period of this bulletin is 12 months after the date of issue.



- **M-Type:** Application period of this bulletin is 12 months after the date of issue.



IMPORTANT

For reimbursement, all costs of modification should be claimed within 1 month from the application date.

01 Bulletin Information

Bulletin Type Service Campaign (Safety Recall)
Bulletin No TS-S34
Bulletin Reference No 700002115
Rev No 00
Release Date 03.04.2013
Effective Date 03.04.2013
Expiry Date 03.12.2013
Vehicle Model TS 35
Flat Rate Code TS-S34
Flat Rate Time 30 Minutes.



RECALL CAMPAIGN # :13V-111

SUBJECT

Ignition Key Block Removal

SUMMARY

The ignition key block from steering column assembly will be removed.

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Published by.....Beytullah Onat

Distribution to:



Dealer/Retailer



TEMSA After Sales Team



Authorised Service Centre



02 Tools

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1. General

- If work is performed by people who do not have the necessary training to carry out the work or if this information is handled carelessly or totally ignored, this may result in severe injury and/or death. In addition, serious damage to the vehicle may occur.
- Always read the safety instructions in full before starting certain operations. The safety instructions stipulate which aspects must be considered to achieve maximum safety. The information is given that is very important for health and safety.
- Always work in adequately ventilated rooms with sufficient lighting, free from dirt and clutter. Never leave tools or parts lying around, keep away from (high-) voltage sources that present a risk of short-circuiting. Always wear protective clothing. Do not wear any damaged or loose-fitting clothing and remove jewelry before starting the work. In case of long hair use hairnet.
- Tool list below is a recommended list. It is not a must to use the exact same tools.

2. Tools (Recommended)



03 Parts List

Installed Part List

	Part No	Part Name	Qty.
1	RP261123Y	COVER ADAPTER, STEERING COLUMN	1
2	MF450405Y	WASHER, SPRING (8)	2
3	MF103166Y	BOLT HEX , (M8X1,25X55) (8,8)	2
4	MF100053Y	BOLT,HEX(M8X1,25X16) (5,8)	2
5	MH020805Y	CLIP (15)	1
6	MC398917Y	CABLE BAND	1

04 Technical Instructions



Photo 1

1. During the application, steering wheel can be adjusted by pressing the switch as shown in the photo.3



Steering column adjustment

Photo 2



Photo 3

2. Cover the floor with a protective material, because while performing the modification to prevent chips spreading out.



Photo 4

3. Remove the leather cover and loose the screws of the steering covers.



Photo 5



Photo 6

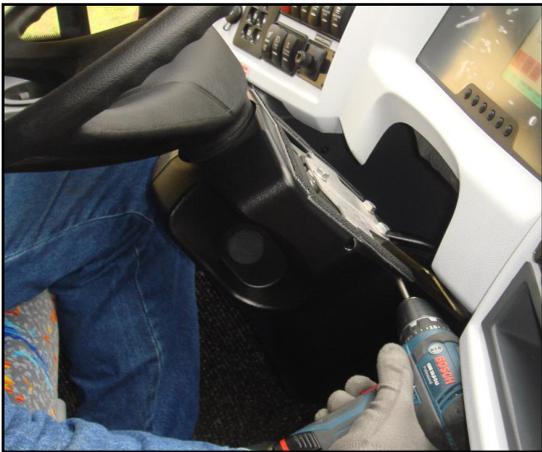


Photo 7



Photo 8



Photo 9



Photo 10

4. After loosening all screws and removal of leather cover, remove the steering cover as shown in the picture.



Photo 11

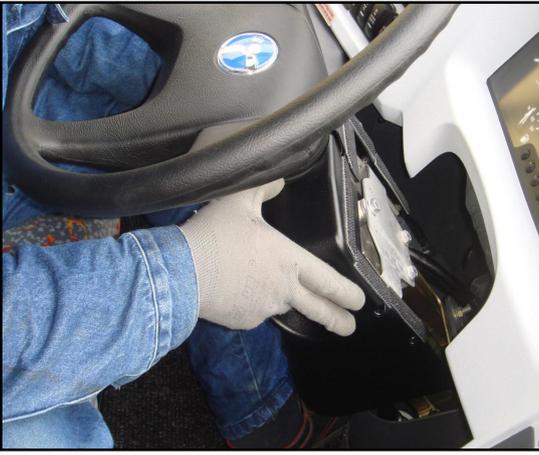


Photo 12



Photo 13



Photo 14

5. Loosen the bolts to remove the steering column cover bracket.



Photo 15



Photo 16



Photo 17

6. Make drilling operation with a 3,8 mm diameter drill to remove the ignition key block.



Photo 18



Photo 19

7. Make RH tapping operation to pre drilled hole with 3,8 mm diameter drill. By this way, you could easily remove the ignition key block.



Photo 20

8. During RH tapping operation, after 4 or 5 turning, you could easily remove the bolt.



Photo 21



Photo 22

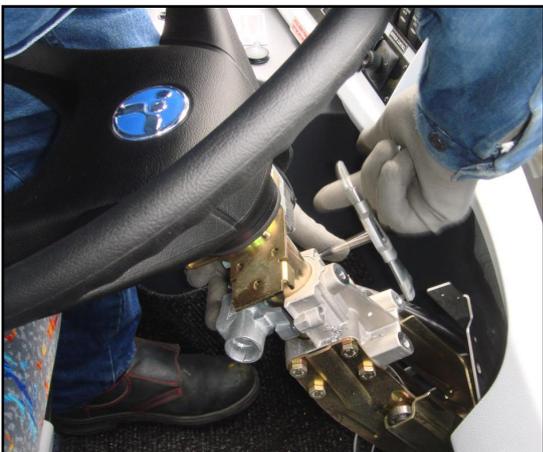


Photo 23



Photo 24

9. Remove the ignition key block by cutting the cable band.

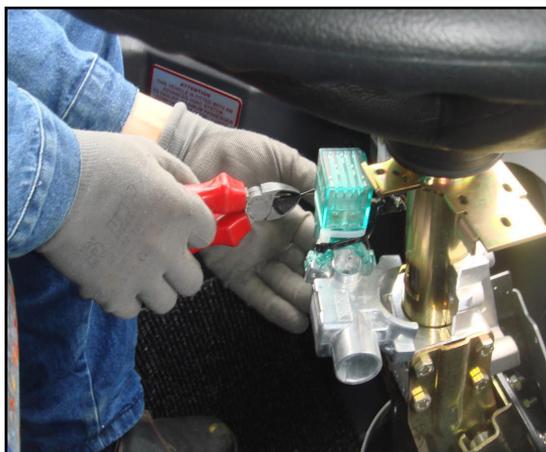


Photo 25



Photo 26



Photo 27

10. Remove the ignition key block. Install the part RP261123Y instead of this ignition key block. *Don't reinstall the ignition key block and scrap it.*

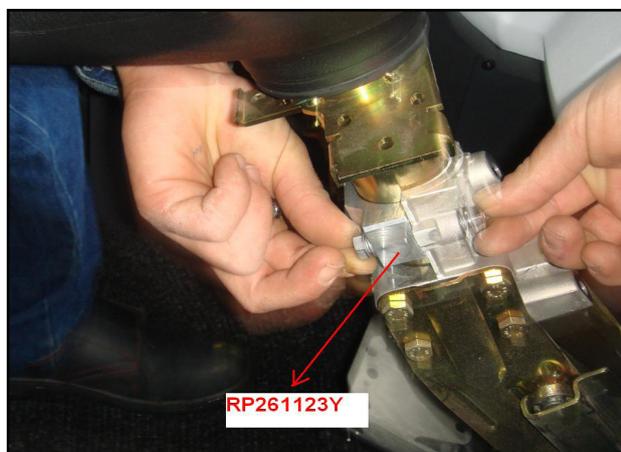


Photo 28

11. Mount the part, RP261123Y, which will be used instead of ignition key block with the fasteners shown in the pictures and torque the bolts with 90 in lbf.

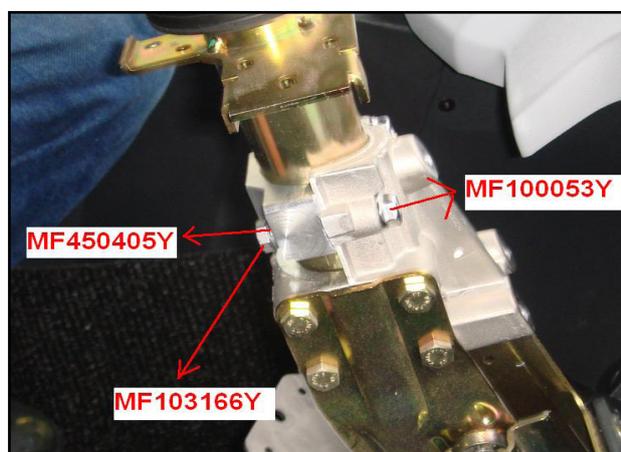


Photo 29

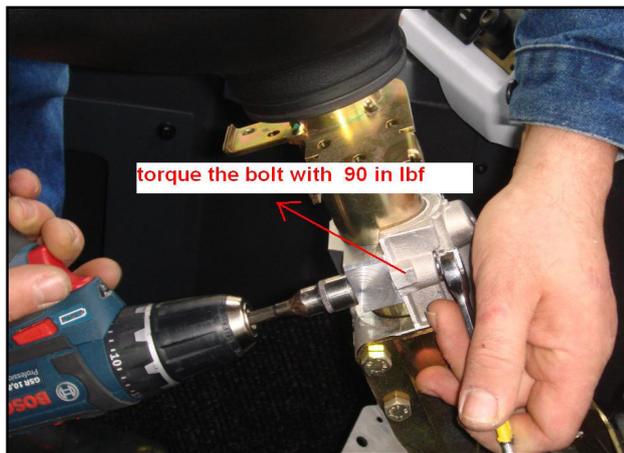


Photo 30



Photo 31

12. Use the cable band and clip to attach the signal cable to the steering column. Play with steering wheel by adjusting it upwards and downwards to make sure the signal cable is not jammed or stuck. Also make sure the cable band and clip do not prevent the adjustment of steering wheel



Photo 32

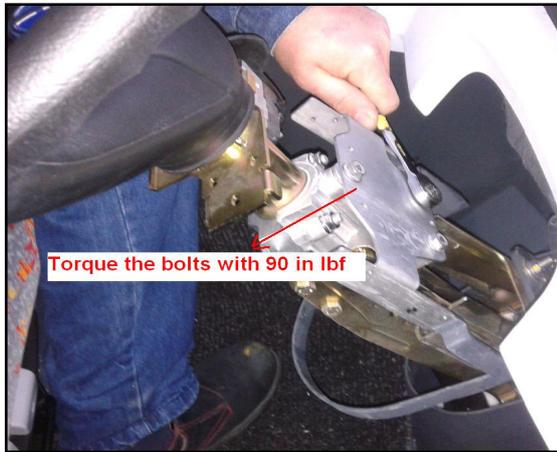


Photo 33

13.Mount the brackets, tighten the cover screws and mount the leather cover to finish the modification.
Tightening torque: 90 Lbf



Photo 34



Photo 35



Photo 36



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