



iABS BLIND PLUG INSPECTION

TECHNICAL BULLETIN



TP19119

WABCO







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Edition 1
Version 1 (12.2021)
TP19119 (en)

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You will find the current edition at: www.wabco-na.com/literature



General Information

1 General Information

1.1 Symbols Used in this Document

 **DANGER**

Description of an immediate situation which will result in irreversible injury or death if the warning is ignored.

 **WARNING**

Description of a possible situation which may result in irreversible injury or death if the warning is ignored.

 **CAUTION**

Description of a possible situation which may result in irreversible injury if the warning is ignored.

NOTICE

Description of a possible situation which may result in material damage if the warning is ignored.

 Important information, notices and/or tips

 Reference to information on the Internet

- Descriptive text
- Action step
 1. Action step 1 (in ascending order)
 2. Action step 2 (in ascending order)
 - ⇒ Result of an action
 - Listing
 -  Indicating the use of a tool / WABCO tool

General Information

1.2 How to Obtain Additional Maintenance, Service and Product

If you have any questions about the material covered in this publication, or for more information about the WABCO product line, please contact WABCO Customer Care Center at 855-228-3203, by email at wnacustomercenter@wabco-auto.com, or visit our website: www.wabco-na.com.

Refer to the Society of Automotive Engineers (SAE) website to find all current SAE documents and standards applicable to WABCO products (such as SAE J447 and SAE J908 at www.sae.org).

Refer to the National Highway Traffic Safety Administration (NHTSA) website to find all current documents referenced in the manual at www.nhtsa.gov.

1.3 How to Obtain Parts and Kits

Contact the WABCO Customer Care Center at 855-228-3203 (United States and Canada); 800-953-0248 (Mexico). Email: wnacustomercenter@wabco-auto.com, wabconorders@wabco-auto.com or wabconaspecs@wabco-auto.com.

1.4 WABCO TOOLBOX PLUS™ Software

TOOLBOX PLUS™ Software provides PC diagnostic for WABCO products and can be purchased and downloaded from <https://wabco.snapon.com>. The software User Guide, MM19047 can be obtained by visiting our Literature Center.



Purchase and Download TOOLBOX PLUS™
<https://wabco.snapon.com>



WABCO Literature Center
www.wabco-na.com/literature

1.5 WABCO Academy



www.wabco-academy.com

1.6 WABCO Online Product Catalog



www.wabco-customercenter.com/

General Information

1.7 Your Direct Contact to ZF CVCS

ZF CV Systems North America LLC (ZF CVCS)
1220 Pacific Drive
Auburn Hills, MI 48326

Customer Care Center: (855) 228-3203

www.wabco-na.com

2 Safety Information

2.1 Provisions for a safe work environment

- Only trained and qualified automotive technicians and auto mechanics may carry out work on the vehicle.
- Read this publication carefully.
- Follow all warnings, notices and instructions to avoid personal injury and property damage.
- Always abide by the vehicle manufacturer's specifications and instructions.
- Observe all accident regulations of the respective company as well as regional and national regulations.
- The workplace should be dry, sufficiently lit and ventilated.
- Use personal protective equipment if required (safety shoes, protective goggles, respiratory protection and ear protectors).

Read and observe all Danger, Warning and Caution hazard alert messages in this publication. They provide information that can help prevent serious personal injury, damage to components, or both.

**WARNING**

To prevent serious eye injury, always wear safe eye protection when you perform vehicle maintenance or service.

**WARNING**

Park the vehicle on a level surface. Block the wheels to prevent the vehicle from moving. Support the vehicle with safety stands. Do not work under a vehicle supported only by jacks. Jacks can slip or fall over. Serious personal injury and damage to components can result.

**WARNING**

Verify and diagnose all active faults in the system prior to replacing OnGuard components. When diagnosing OnGuard, TOOLBOX™ Software (12.10 or higher) must be used. If you do not have TOOLBOX software, you can obtain it by going to www.wabco.snapon.com to purchase a subscription to TOOLBOX PLUS software. Be aware that diagnostic devices must be connected prior to keying on the unit to minimize possible OnGuard faults during diagnosis.



Identifying iABS

3 Introduction

This publication contains information on how to inspect iABS 2M parts with 2S2M vehicle configuration and install missing blind caps if needed.

4 Identifying iABS

The part number for iABS system is:

- 400 500 430 0 (2S/2M Premium)

Please file claims directly with ZF Group/WABCO using one of the following:

- Call WABCO Customer Center direct at (855)-228-3203 – Option 1, or (800) 953-0248 (Mexico)
- File a claim electronically using online submission form Warranty Submission Form (formsite.com)
Link: <https://fs10.formsite.com/t9NwJT/swhcg5mz2k/index.html>

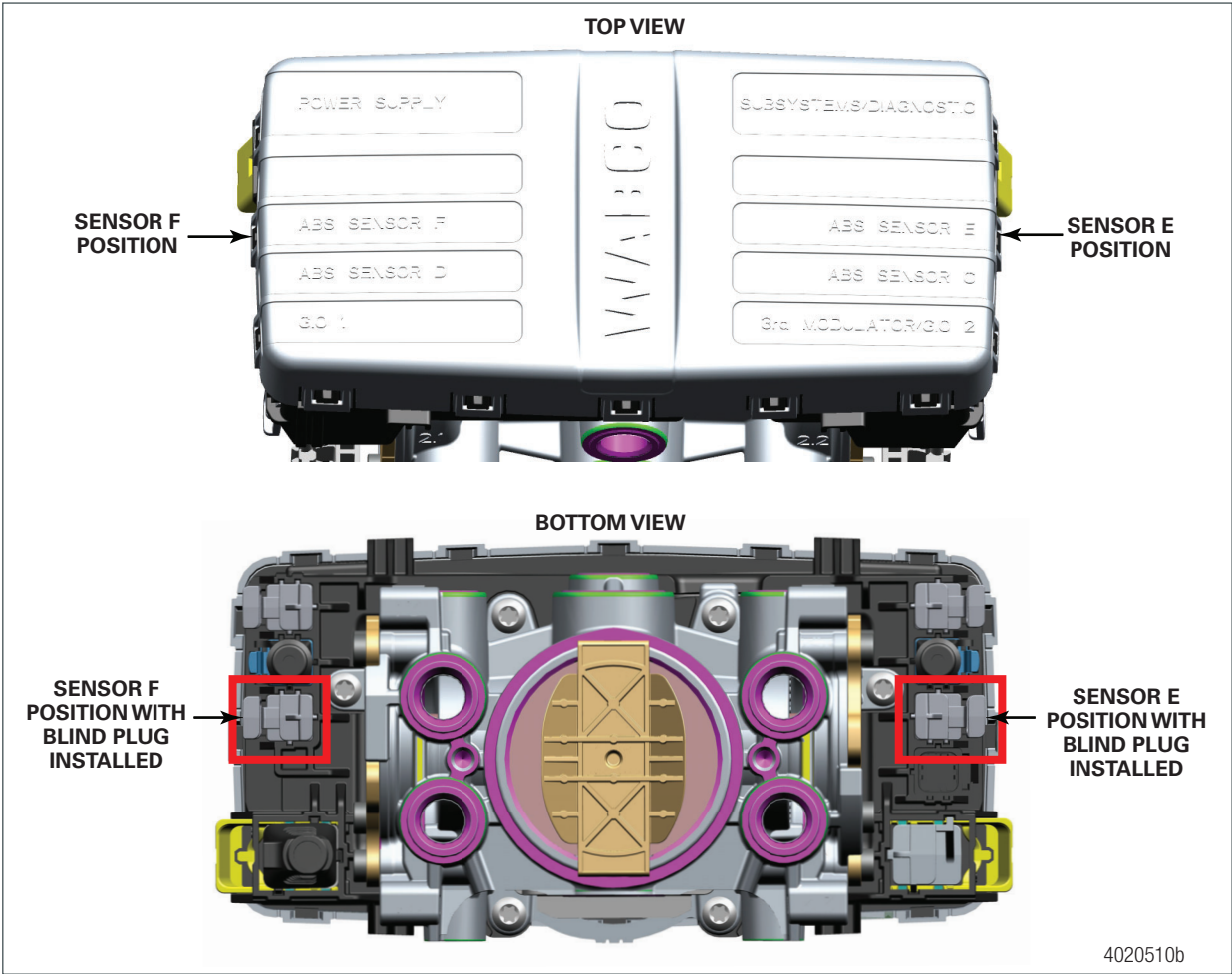
If a facility has never filed any warranty claim with us in the past, they will need to be set-up as an authorized repair facility. The process can be initiated online at the following Facility Creation Form Link: <https://fs10.formsite.com/t9NwJT/ahaqmoo2hy/index.html>

Action	SRT (Standard Repair Time)
Section 5 (Blind Plug Inspection and Installation)	0.5 hrs

Inspection and Installation of the Blind Plugs

5 Inspection and Installation of the Blind Plugs

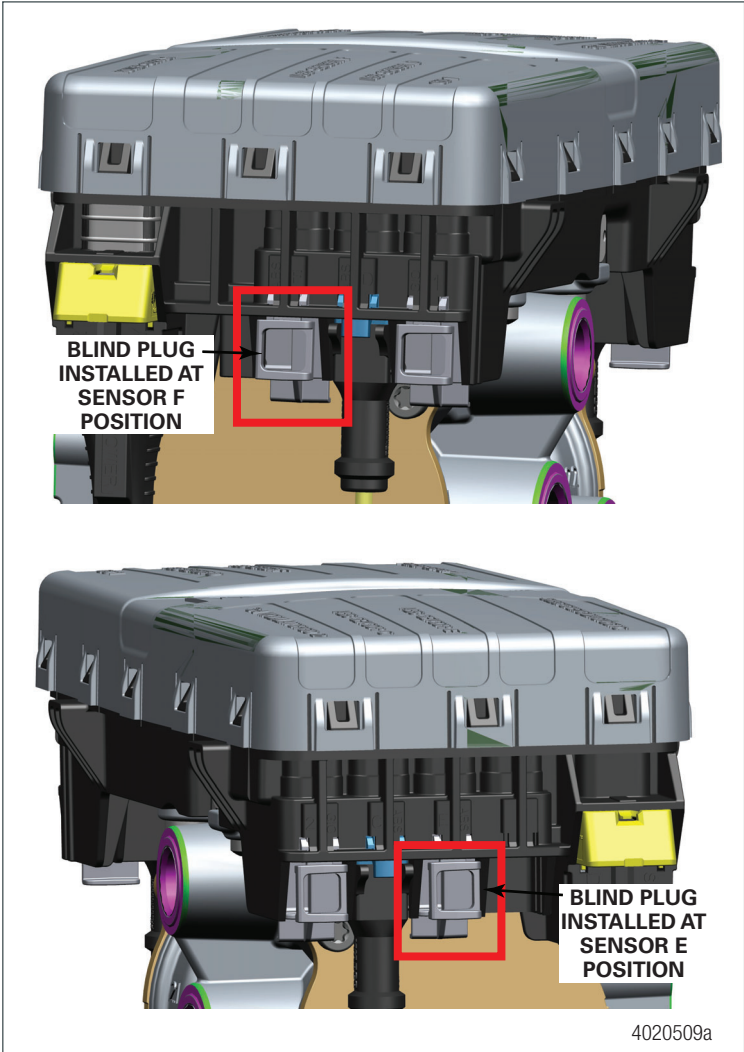
1. Trailers with 2S/2M configuration need to be inspected for blind plugs at the sensor E and F positions as shown in the image below.



2. If no blind plugs are found at the sensor E and F positions, install 2 blind plugs 894 101 961 2 (shown below) and close the iABS E and F sensor ports.

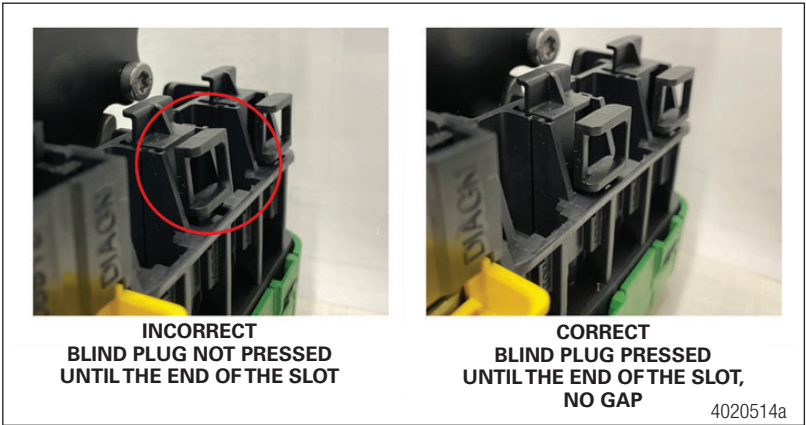


Inspection and Installation of the Blind Plugs



NOTICE

Blind plugs need to be pressed to the bottom until a click is heard. If this process is not followed, the blind plugs may have not been installed correctly and the port will not be completely sealed.





For further product details contact your distributor or the
WABCO Customer Care Center at 855-228-3203.

About ZF Group

ZF is a global technology company and supplies systems for passenger cars, commercial vehicles and industrial technology, enabling the next generation of mobility. ZF allows vehicles to see, think and act. In the four technology domains Vehicle Motion Control, Integrated Safety, Automated Driving, and Electric Mobility, ZF offers comprehensive solutions for established vehicle manufacturers and newly emerging transport and mobility service providers. ZF electrifies different kinds of vehicles. With its products, the company contributes to reducing emissions and protecting the climate.

ZF, which acquired WABCO Holdings Inc. on May 29, 2020, now has 162,000 employees worldwide with approximately 260 locations in 41 countries. In 2019, the two then-independent companies achieved sales of €36.5 billion (ZF) and \$3.4 billion (WABCO).

For more information, visit: www.wabco-na.com

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