



AFTERMARKET

# MODULAR ABS SENSOR

3-piece-solution for customers needs



**WABCO**

# Modular ABS Sensor

A new range of WABCO Modular ABS Sensors from ZF solves the age old problem of how to service a growing number of vehicles without stocking hundreds of unique, individual references.

## Mix and match for the perfect part

Our new modular solution consists of two different types of ABS sensors with standard KEA connector, one short cable plus extension cables which come in various lengths, together with an ever-growing range of adapters that cover all popular electronic control units (ECUs).

WABCO's innovative modular design then allows you to create hundreds of variants of replacement ABS sensor from just a few products – condensing stock holding, significantly reducing order errors, availability and timing issues and adhering to ZF's Green Thinking by helping to reduce energy use.

A win-win situation for commercial vehicle workshops and fleet owners the world over.


More than 400 OE references can be replaced with just two ABS sensor types, ten extension cables and eight adapters.

Our easy to use online [Modular ABS Sensor Configurator](#) helps you identify and order what you need by determining three simple things: sensor type, cable length and connector; using the OE part number if known, or by inputting basic key technical attributes if not.


## Added value

In line with its ambition to help the aftermarket prepare for the next generation of mobility, ZF takes things to the next level in terms of added value. Once the modular concept is installed on the vehicle, only the defective element of the component needs to be replaced over its lifetime; significantly improving efficiency and lowering repair costs.


## Benefits




Exchange of affected components only




Reduced stock at distributors



8 adapters covering hundreds of devices




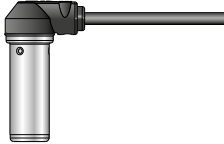
Time efficient increased uptime



No OE-references needed



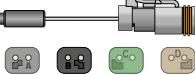


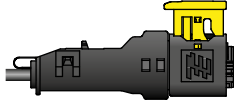
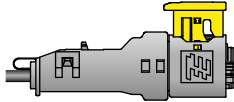
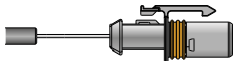
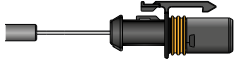
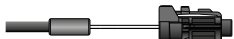
### Sensor kit

Sensor head	Product number	Sensor type
	441 032 963 2	Axial
	441 032 921 2	Radial

### Extension cable

Product number	Length
449 712 008 0	0.8 m
449 712 012 0	1.2 m
449 712 018 0	1.8 m
449 712 023 0	2.3 m
449 712 030 0	3.0 m
449 712 035 0	3.5 m
449 712 038 0	3.8 m
449 712 040 0	4.0 m
449 712 051 0	5.1 m
449 712 060 0	6.0 m
449 712 064 0	6.4 m
449 712 070 0	7.0 m
449 712 080 0	8.0 m
449 712 090 0	9.0 m
449 712 100 0	10.0 m
449 712 120 0	12.0 m
449 712 130 0	13.0 m
449 712 150 0	15.0 m

### Adapter

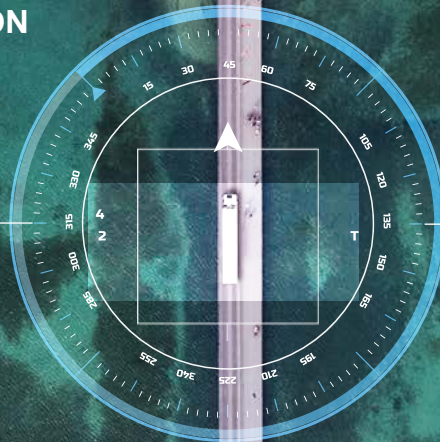
Product number	Connector type
441 035 057 0	Deutsch A, B, C, D 
441 035 058 0	HDSCS Female A 
441 035 059 0	HDSCS Female B 
441 035 060 0	HDSCS Male A 
441 035 061 0	HDSCS Male B 
441 035 062 0	GHW A 
441 035 063 0	GHW B 
441 035 064 0	Yazaki 





**AFTERMARKET**

**WHEN THE WORLD RELIES ON  
YOU, YOU CAN RELY ON US.**



**AFTERMARKET OF PROVEN PARTS  
REPAIR SOLUTIONS  
DIAGNOSTIC TOOLS  
TRAINING  
RE-MANUFACTURING SERVICES  
TELEMATICS  
FLEET MANAGEMENT SOLUTIONS**

Information on WABCO products can be found in our Customer Centre ([www.wabco-customercentre.com](http://www.wabco-customercentre.com)) by entering the product number in the “Search Products” field.

Please contact your WABCO partner for further information: [www.wabco-auto.com/Get-in-touch](http://www.wabco-auto.com/Get-in-touch)

## **ZF Friedrichshafen AG**

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).

With the integration of WABCO, the leading global supplier of braking control systems and other advanced technologies that improve the safety, efficiency and connectivity of commercial vehicles ZF will create a new level of capability to pioneer the next generation of solutions and services for original equipment manufacturers and fleets globally. WABCO, with almost 12,000 people in 40 locations worldwide, will now operate under the ZF brand as its new Commercial Vehicle Control Systems division.

**WABCO**