

**EMEA Launch for CDR 900 starting October 2019**

**1 Allgemeine Hinweise**

In the USA and Canada, the CDR 900 Advanced Vehicle Interface was introduced in early 2018 and is successfully used there. In Europe, it took some time for the product to be certified. Now the certification process is ready and the data of many additional vehicles can be retrieved now.

The fact that more and more electronics are installed in the vehicles, resulting in ever more data. The CDR reports will have a size of 300 to 500 pages. To read this information quickly and safely, a new and future-oriented interface module was required. In particular, the readout of event data of the active safety systems and the data of the semi-autonomous or autonomous vehicle systems make new demands. The CDR 900 module provides faster communication than the current CANplus connection and is the new CDR hardware platform for the future. The CDR 900 is needed to bring more advanced performance and communication protocols to today's vehicle networks.

Why is Bosch introducing the CDR 900?

A change in vehicle technology such as high-performance ECUs and newer high-speed vehicle protocols are driving this change.

The CDR 900 is designed to meet OEM requirements for current and future EDR reading of their vehicles from new systems including active safety and autonomous driving systems.



**2 Technical description of the BOSCH CDR 900**

High performance VCI with support for current and new diagnostic buses

Legacy-UART-Protokolle	Serial communication with UART / USART
K-Line	The K-line is a bidirectional one-wire bus for data transmission in the automotive industry according to ISO 9141 and ISO 14230-1. In interaction with the L-line of the vehicle diagnosis, the K-line can also be operated unidirectionally.
SAE J 1850	Access to Vehicle Networks for On-Board Diagnostics (OBD)
CAN	(two channels), single wire, dual wire, error
Tolerant	fault-tolerant systems
Ethernet	standardized diagnosis via Ethernet
CAN FD	Data collection via Bluetooth
	Compatible with the CDR 500 adapter
	The CDR 500 adapter is still required to support FlexRay
	Wireless and USB host interfaces
Protection IP54	Resistant to dust, spray, etc. Integrated ACM Power Management

### 3 Delivery

## CDR 900 EMEA launch CDR 900 KIT UPGRADE # 1699200630



**Reference: 1699200630**

Kit, CDR 900 Upgrade, Wireless (P2P)

**2019 List Price : 3,800,00€**

**2019 Promotional launch price: 3.400,00€**

**Launch period: Oct. 2019 to Mar. 2020**

### CDR 900 components (main kit 1699200630)



**CDR 900  
module  
1699200598**



**Wireless 802.11 Dongle  
1699200155**



**D2ML, CDR Cable Legacy  
Adapter 1699200616**



**Power and Interface  
Cable 1699200602**



**USB A to B, Heavy Duty,  
3m Cable 1699200385**



**DLC/OBD J1962 Cable  
1699200615**



**1 m Extension Cable  
1699200617**

### CDR 900 individual parts



1699200598 Assembly VCI unit CDR 900 2.798,88 €



1699200602 Cable, CDR 900 Interface, Power 650,00 €



1699200615 Cable, DLC J1962, CDR 900 224,00 €



1699200616 Adapter, ID D2ML, CDR Legacy 168,00 €



1699200617 Cable, Extension, 1m, CDR 900 426,00 €



1699200155 Module: USB, Wireless 802.11n 33,00 €



1699200385 Cable: USB A to USB B, 10 ft, Heavy Duty 62,00 €

## CDR 900 new cables for Subaru

**Cable ID 835, (p/n 1699200778)**

2019 Ascent (US market)  
 2019 Forester (US, CA, Australia, China, Europe and Russia)  
 2020 Forester (US, CA, Australia and Europe)



**Cable ID 836, (p/n 1699200779)**

2015 -2018 Legacy and Outback  
 (US, CA, Europe and general exports)



## CDR 900 new cables Mitsubishi

**Cable ID 837, (p/n 1699200783)**

2018 and newer Eclipse Cross where sold



**Cable ID 838, (p/n 1699200784)**

2011 - 2019 ASX, Outlander Sport & RVR  
 2014 - 2019 Outlander  
 2018 - 2019 Outlander PHEV  
 \*2014 and newer Mirage  
 \*2017 and newer Attrage  
 \*2012 and newer iMIEV



**Cable ID 839, (p/n 1699200785)**

\*2008 and newer Galant Fortis  
 \*2007 and newer Delica-D5  
 \*2009 and newer Lancer Evolution  
 \*2007 - 2013 Outlander



**Cable ID 840, (p/n 1699200786)**

\*2013 and newer ek Wagon & ek SPACE  
 (Japan market only)



## CDR 900, new cables GM, Mazda and VW

	1699200778	Cable, ID835, CDR Subaru ACM 1	220,00 €
	1699200779	Cable, ID836, CDR Subaru ACM 2	220,00 €
	1699200783	Cable, ID837, CDR Mitsubishi ACM 1	220,00 €
	1699200784	Cable, ID838, CDR Mitsubishi ACM 2	220,00 €
	1699200785	Cable, ID839, CDR Mitsubishi ACM 3	220,00 €
	1699200786	Cable, ID840, CDR Mitsubishi ACM 4	220,00 €

## CDR 900, new cables GM, Mazda and VW

### GM ASCM 1 & 2 CDR Cables (requires CDR 900)

Cable ID 833, (p/n 1699200776) - CDR GM ASCM1  
Cable ID 834, (p/n 1699200777) - GM ASCM2



### GM ACM CDR Cable (requires CDR 900)

Cable ID 845, (p/n 1699200838) - CDR GM ACM (SDM-50)



### Mazda ACM CDR Cable (CANplus compatible)

Cable ID 843, (p/n 1699200800) - CDR Mazda ACM




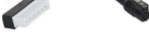



### Volkswagen and Audi ACM CDR cable (requires CDR 900)

Cable ID 842, (p/n 1699200797) - CDR VWG ACM 4



## CDR 900, new cables GM, Mazda and VW

	1699200776	Cable, ID833, CDR GM ASCM 1	220,00 €
	1699200777	Cable, ID834, CDR GM ASCM 2	220,00 €
	1699200838	Cable, ID845, CDR GM ACM	220,00 €
	1699200797	Cable, ID842, CDR VW Group ACM 4	220,00 €
	1699200800	Cable, ID843, CDR Mazda ACM	220,00 €

## 4 Order and payment

Order by e-mail:

IbB Engineering GmbH  
Brauneberger Straße 3, DE-54472 Burgen  
landline: 0049 65 34 799 41 50 /// mobile: 0049 176 60 327 930  
[drb@ibb-engineering.org](mailto:drb@ibb-engineering.org) /// [www.ibb-engineering.org](http://www.ibb-engineering.org)

Payment must be made before delivery because the devices are comparatively expensive.

During the introductory period, there will be another 5% discount if more than 10 CDR 900s are ordered by a company or group of individuals.

CDR 900 interface costs 3,800 euros net, during the introductory period 3,400 euros net.

DrB, 07. Oct. 2019