



CANBUS MODULE UTILITY VW

MetaSystem

confidential

General Description

Meta System Parking Sensors range can now be connected to **VW Seat** and **Skoda** vehicles, through a new communication technology.

This communication is possible through the CANBUS UTILITY interface module, that provides, as very innovative feature, the visualization of the obstacle on the display of the car combining acoustic and visual signals.



The system interacts with the car, automatically showing the display front and rear, depending on the type of installation performed (rear, front or rear and front only).

You will get the same display result as in the original parking system.



Like the OE parking system, the display will take place automatically and will show only the rear parking system detection, in case you have installed only rear parking system. Or it will show the whole car in case of installation of both systems; front and rear.



Compatibility: parking systems range

The CANBUS UTILITY module has been developed for the **SAFETY range** of Meta System. The **parking systems** can be combined with the maximum compatibility, allowing a choice between different rear systems.

Model	Aplication
ACTIVE PARK	REAR
ACTIVE PARK PLUS	FRONT/REAR
EASY PARK	REAR

In addition to displaying the visual signals on the car radio, the can module will also optimally manage the front parking system by can bus decoding; that allows to turn off the front system automatically when the selected speed is exceeded, and it will not detect unnecessary obstacle when the car is stopped and blocked by the hand brake (**this way also the visual signals will not be displayed on the car radio.**)

☐ Rear Installation

Parking system: **ACTIVE PARK – EASY PARK**

The system is activated and deactivated through the reverse gear

Deactivating the reverse gear, you will disconnect the rear parking system

☐ Rear and Front installation

Parking system:

Front: **ACTIVE PARK PLUS**

Rear: **ACTIVE PARK or EASY PARK**

The system is activated with the reverse gear and with the dashboard on


The front system will be automatically deactivated when the selected speed is exceeded

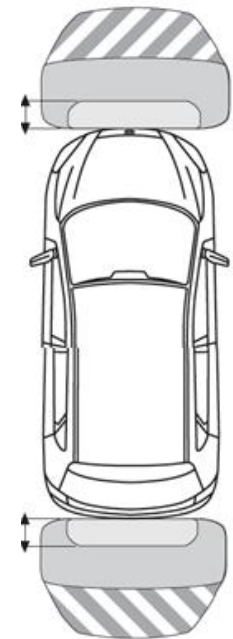
The rear system will be deactivated when the reverse gear will be deactivated

The front system will be deactivated by pulling up the handbrake

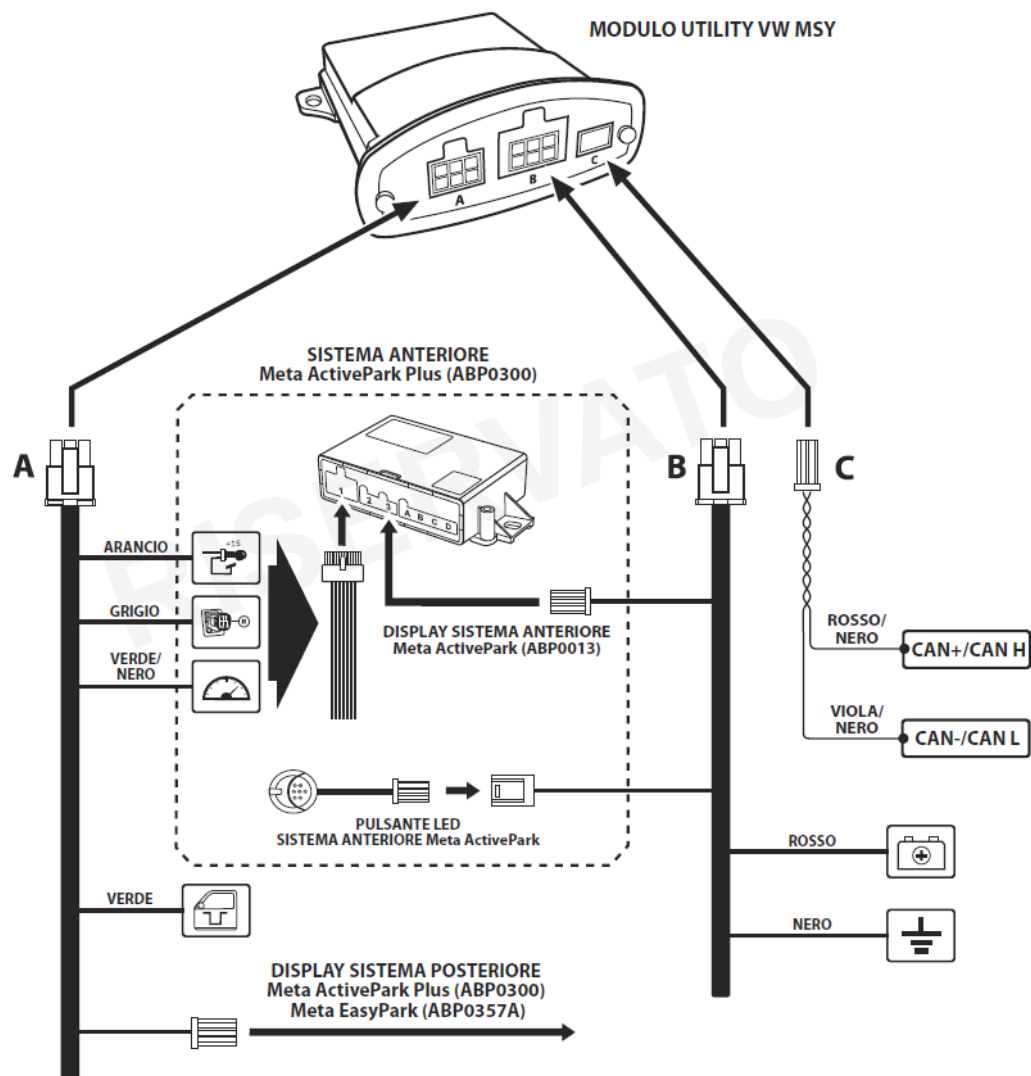
The front system can be managed by the push button included in the kit(ActivePark PLUS)

Compatibility: range of car radioo Volkswagen-Seat-Skoda

BRAND	MODELLO RADIO		PROGRAMMARE OPT.10 CON VAS	VISUALIZZAZIONE DISPLAY	CAN BUS DA UTILIZZARE
VW	RCD210		Not available		
VW	RCD310		NO	SI	Low Speed 100 KHz
VW	RCD510		NO	SI	Low Speed 100 KHz
VW	RNS310		NO	SI	Low Speed 100 KHz
VW / SEAT	RNS315		NO	SI	Low Speed 100 KHz
VW / SEAT	RNS510		NO	SI	Low Speed 100 KHz
SKODA	SWING		SI	SI	High Speed 500 KHz
SKODA	BOLERO		SI	SI	High Speed 500 KHz
SKODA	AMUNDSEN		NO	SI	Low Speed 100 KHz
SKODA	COLUMBUS		NO	SI	Low Speed 100 KHz



	ACTIVE PARK PLUS	ACTIVE PARK	EASY PARK	DISPLAY
Front Installation	✓			
Rear Installation		✓	✓	
Rear and Front Installation	✓	✓	✓	



Code: *ABP04300 MOD.CAN-CONV. X ACTIVEPARK F+R(VW)*

Factory set-up: Active Park

Factory set-up can bus: Audi, Volkswagen, Seat, Skoda

Software: if you have the parking system Meta EasyPark you must update the CAN BUS UTILITY module with the specific software available in the technical area of the site www.metasystem.it

Updating Cable sw: ABP04900

Instruction:

- | | |
|------------------------|--------------------------------|
| ▪ included in the kit | ▪ web |
| Active Park, Easy Park | Active Park, Easy Park |
| language IT – EN | language FR – D – ES – NL – DK |

Specific info:

- When the original rear parking system (VW) is present, it will not be possible to install the Meta CANBUS UTILITY with Active Park Plus
- The CANBUS UTILITY module installed on **Audi** vehicles allows to convert the signals in order to work as speedometer can converter with Meta Active Park Plus, but it does not allow to display the visual signals on the original car radio.

- Supply
 - 12Vcc (10V-15V)
- Displaying consumption
 - <70mA (solo a +15on)
- Consumption with +15 off
 - < 0,36mA
- Temperature
 - 40°C ÷ +85°C
- Can bus compatibility
 - High speed (500KHz)
 - Low speed (100KHz)
 - complete via web through accessory (ABP04900)
- Doors can bus output (*)
 - negative signal 2s

(*) **DOORS CAN BUS Signal:** function allows you to have a negative analogic signal of 2s duration located on the green wire. It will be activated when one of the vehicle's doors will be opened.

Note: The signal is available only on 100Khz can bus connection.

