

Dialogannahme

# КАЛИБРОВОЧНЫЕ СТЕНДЫ

## КАТАЛОГ

**Архангельск** (8182)63-90-72  
**Астана** (7172)727-132  
**Астрахань** (8512)99-46-04  
**Барнаул** (3852)73-04-60  
**Белгород** (4722)40-23-64  
**Брянск** (4832)59-03-52  
**Владивосток** (423)249-28-31  
**Волгоград** (844)278-03-48  
**Вологда** (8172)26-41-59  
**Воронеж** (473)204-51-73  
**Екатеринбург** (343)384-55-89  
**Иваново** (4932)77-34-06

**Ижевск** (3412)26-03-58  
**Иркутск** (395)279-98-46  
**Казань** (843)206-01-48  
**Калининград** (4012)72-03-81  
**Калуга** (4842)92-23-67  
**Кемерово** (3842)65-04-62  
**Киров** (8332)68-02-04  
**Краснодар** (861)203-40-90  
**Красноярск** (391)204-63-61  
**Курск** (4712)77-13-04  
**Липецк** (4742)52-20-81

**Киргизия** (996)312-96-26-47

**Магнитогорск** (3519)55-03-13  
**Москва** (495)268-04-70  
**Мурманск** (8152)59-64-93  
**Набережные Челны** (8552)20-53-41  
**Нижний Новгород** (831)429-08-12  
**Новокузнецк** (3843)20-46-81  
**Новосибирск** (383)227-86-73  
**Омск** (3812)21-46-40  
**Орел** (4862)44-53-42  
**Оренбург** (3532)37-68-04  
**Пенза** (8412)22-31-16

**Россия** (495)268-04-70

**Пермь** (342)205-81-47  
**Ростов-на-Дону** (863)308-18-15  
**Рязань** (4912)46-61-64  
**Самара** (846)206-03-16  
**Санкт-Петербург** (812)309-46-40  
**Саратов** (845)249-38-78  
**Севастополь** (8692)22-31-93  
**Симферополь** (3652)67-13-56  
**Смоленск** (4812)29-41-54  
**Сочи** (862)225-72-31  
**Ставрополь** (8652)20-65-13

**Казахстан** (772)734-952-31

**Сургут** (3462)77-98-35  
**Тверь** (4822)63-31-35  
**Томск** (3822)98-41-53  
**Тула** (4872)74-02-29  
**Тюмень** (3452)66-21-18  
**Ульяновск** (8422)24-23-59  
**Уфа** (347)229-48-12  
**Хабаровск** (4212)92-98-04  
**Челябинск** (351)202-03-61  
**Череповец** (8202)49-02-64  
**Ярославль** (4852)69-52-93

<https://beissbarth.nt-rt.ru> || [bhp@nt-rt.ru](mailto:bhp@nt-rt.ru)

## BBFAS 1000 Basic Kit

Beissbarth BB FAS 1000 - The manufacturer-compliant calibration device for vehicles of the VW Group

**Article number: 8 900 380 003**



### Manufacturer-compliant ADAS calibration with BBFAS 1000 calibration device: Mobile, fast and precise

- 100% vehicle manufacturer compliance in combination with Beissbarth 3D + wheel alignment (alignment to the trust angle)
- static calibration of cameras (Lane departure assistant) and distance radar sensors
- Extension for LIDAR and night vision cameras possible at any time
- Extension to a multi-brand solution possible at any time, suitable for calibration of other makes
- Robust and torsion-resistant frame for mobile use on different working bays
- Precise leveling with height-adjustable feet and precision spirit-levels with accuracy up to three angular minutes
- High alignment accuracy in the axis of rotation: up to one angular minute
- Precise yaw angle adjustment
- Longitudinal alignment by means of drawbar and guided wheels. No adjustment necessary after a transversal re-positioning of the device.

### Highest alignment accuracy in combination with wheel alignment:

- Suggested Beissbarth wheel aligners: Beissbarth Easy 3D + wheel aligner and Easy CCD + wheel aligner
- Guided OEM testing and setting procedures included in the wheel alignment software support the user
- 100% process Control
- Height and distance to the front wheel centre are displayed in real-time to support the full process control (only with 3D+)
- Manufacturer-compliant wheel alignment with run-out-compensation
- Easy to use thanks to intuitive user guidance for aligning to the trust angle with 3D + or CCD + software

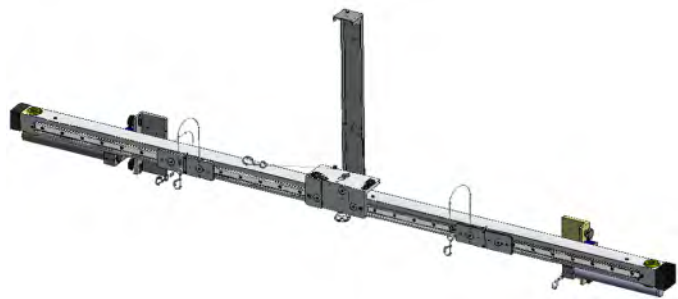
Note: For a manufacturer-compliant calibration, the wheel alignment measurement is absolutely necessary

- Wide vehicle coverage thanks to optional multi-brand system:
- BBFAS 1000 calibration device can be extended with additional crossbar and modular calibration targets (e.g. BBFAS 141x Kit)
- Alignment to vehicle symmetry axis, track or ground markings are possible
- Optional: Compact storage box for modular calibration boards

Note: For adjusting the driver assistance systems, an OBD diagnostic device is also required

## BBFAS 1410

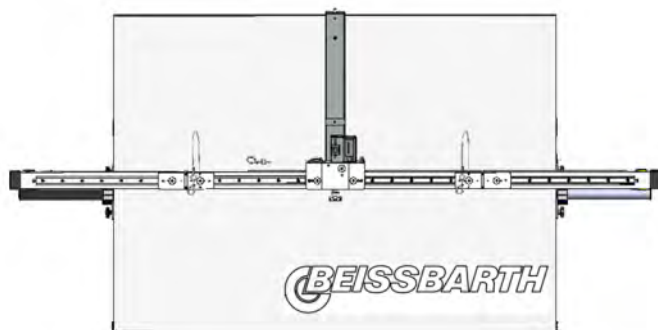
Article number: 8 900 380 006



- Comprehensive coverage of the front camera calibration will be achieved by upgrading the system with the BBFAS 1410. In combination with the optional calibration targets the service can be extended for all important European, Japanese and Korean vehicle manufacturers.
- You simply need to mount the precision measurement bar, which is able to carry the calibration targets, on the BBFAS 1000 base frame and you are ready to go. Precise orientation of the frame and the target relative to the driving axle is made possible with the Beissbarth 3D wheel alignment system or with Beissbarth CCD system.

## BBFAS 1415

Article number: 8 900 380 007



- Comprehensive coverage of the front camera calibration will be achieved by upgrading the system with the BBFAS 1415. In combination with the optional calibration targets the service can be extended for all important European, Japanese and Korean vehicle manufacturers.
- You simply need to mount the precision measurement bar, which is able to carry the calibration targets, on the BBFAS 1000 base frame and you are ready to go. Precise orientation of the frame and the target relative to the driving axle is made possible with the Beissbarth 3D wheel alignment system or with Beissbarth CCD system.

## Mobile adjustment device BBFAS 1000 base unit

Mobile adjustment device is the base unit of the BBFAS 1000 calibration device. It serves as the Basic support for the calibration target for lane keeping systems and ACC reflector mirror.

**Article number: 8 900 381 137**



## ACC reflector mirror | for radar calibration

ACC reflector mirror for adjusting the ACC sensor.

**Article number: 8 900 381 150**



## Calibration target lane keeping assistant for VW Group BBFAS 1000

*Adjustment device serves to calibrate the image sensor of the lane keeping systems for vehicles of the VW Group.*

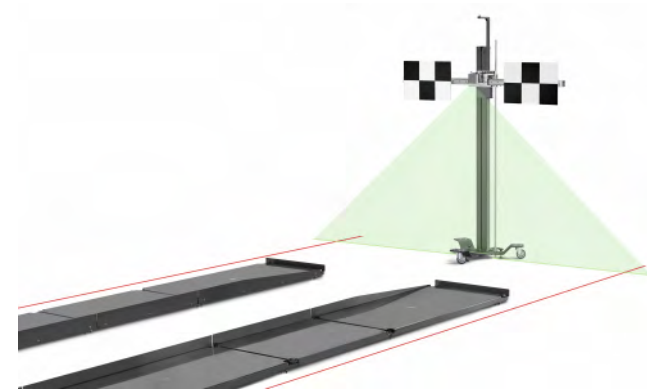
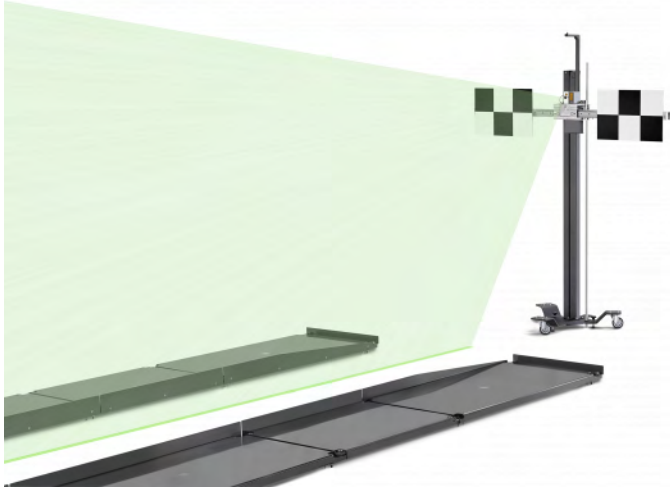
**Article number: 8 900 381 147**



## BBFAS 415

Beissbarth BB FAS 415 - the flexible front camera calibration device for multi-brand system solutions

Article number: 8 900 380 008



### Front camera calibration with BBFAS 415 calibration device: Flexible, easy and precise

- static calibration of cameras e.g. Lane departure cameras, multifunction cameras
- Wide vehicle coverage through optional calibration Targets
- Fast, easy alignment to the vehicle's symmetrical axis or on to ground markings
- Alignment on to the vehicles track-width with optional accessories possible at any time
- Horizontal levelling according to precision spirit levels via three height-adjustable feet
- Precision crossbeam with slidingplate and fine adjusting screw
- Magnetic holding fixture for multi-brand calibration plates
- High power line laser module with low laser class (1M). Green laser diodes are particularly well visible to the human eye because the eye has its maximum spectral sensitivity in the green range.
- Optional: Compact storage box for modular calibration boards

Note: For adjusting the driver assistance systems, an OBD diagnostic device is also required

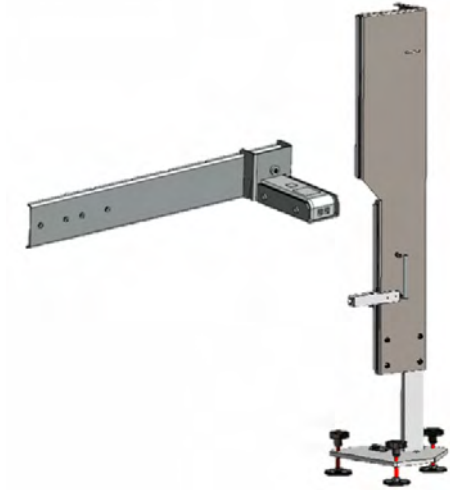
### Scope of delivery:

- Precision crossbar with 2 magnetic sliding-plates for mounting of calibration Targets
- 4-wheel trolley with stable column for holding the crossbar
- Line laser module for aligning the calibration device
- Ruler for height adjustment

Note: Necessary calibration targets are not included

## Distance measurement laser for BB FAS 415

Article number: 8 900 381 005



## P-Assist

Article number: 8 900 381 138



- P-Assist wheel stands: Front and rear wheel stands for P-Assist laser alignment system for alignment to wheel-track.

## Positioning target

Article number: 8 900 381 292



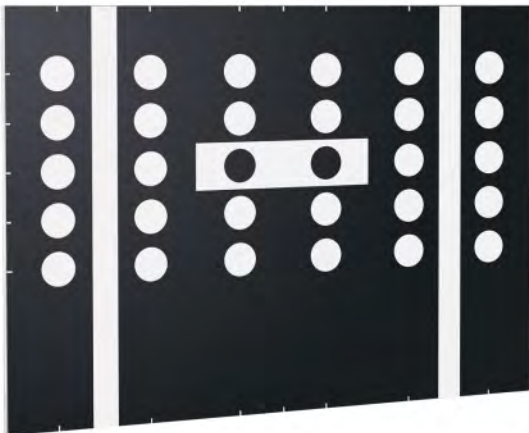
- Target panel for roof antennas for alignment with the vehicle's longitudinal axis



## 2-in-1 XXL calibration board | for VW front camera and multi-brand radar | Q.DAS

2-in-1 XXL calibration board with the pattern for calibrating front camera systems on VW Group vehicles. The newly reworked version in combination with Q.DAS allows users to also calibrate radar systems on all vehicles that require an even reflective service in front of the radar sensor. This enables radar calibration also on vehicles outside the VW Group.

**Article number: 8 900 381 056**



2-in-1 XXL calibration board with the pattern for calibrating front camera systems on VW Group vehicles. The newly reworked version in combination with Q.DAS allows users to also calibrate radar systems on all vehicles that require an even reflective service in front of the radar sensor. This enables radar calibration also on vehicles outside the VW Group. Single and double radar systems can be calibrated in the lowest height position, without any setup times or rotation of the target board. The height is infinitely adjustable to cover both low positioned radar systems as well as high positioned camera systems with only one calibration board. The purchase of the XXL calibration board does not require any further ACC reflector mirrors (8 900 381 150) for radar calibration! The required tilting positions are also possible with the XXL calibration board. Advantages:

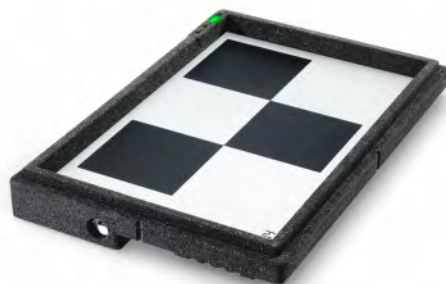
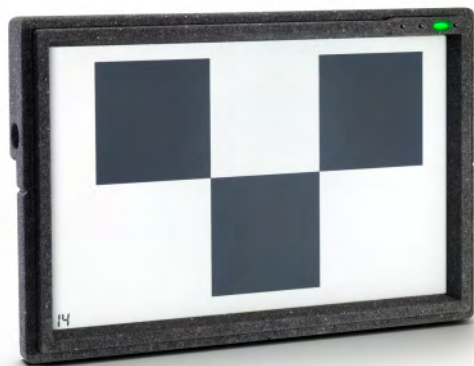
- Camera calibration for VW Group vehicles and multi-brand OEM radar calibration in one
- No setup times, no rotation
- For single and double radars
- For passenger cars and transporter (very high transporters may only work in combination with Q.DAS Pro)
- Integrated tilting mechanism with 3 positions
- High quality materials and finishing with flat surface guarantee

Note: Only in combination with the Q.DAS frame.

## eTarget Kit | Digital 15-in-1 solution

15-in-1 calibration patterns in one eTarget for faster and error-free target board selection.

**Article number: 8 900 380 011**



eTarget: fast and space-saving solution for workshops – broad manufacturer coverage includedeTarget is an innovative digital calibration target based on e-paper technology - unlike conventional monitors, beamers or other screen solutions.OEM-compliant calibration targets for precise and fast ADAS calibration with Q.DAS:

- Faster setup times, more space: 15 patterns in one eTarget
- Automatic pattern selection minimizes user errors
- Extremely high contrast, even from different viewing angles
- Reflective technology for all lighting conditions
- Integrated Bluetooth module for app communication
- Lightweight and robust housing
- Downward compatible with previous Beissbarth calibration solutions (BBFAS 1xxx, BBFAS 415)
- Battery operated and power saving – display is maintained even without power

Scope of deliveries:

- 2x eTarget with charging cable
- 1x Universal Type 4S (8 900 382 570)

Note: Automatic target selection requires active license for Q.mApp software.

## Multi-Target starter kit 1 for BBFAS 141X

For articles to be ordered, see configuration. | Article number: 8 900 381 001



- Multi-Target starter kit 1 with storagebox for BBFAS 1410 / 15 and BB FAS 415

### Targets included:

- Nissan Set 1 (8 900 381 139)
- Toyota (8 900 382 287)
- Mercedes 1 / Infiniti 2 (8 900 382 312)
- Mazda 1 (8 900 382 318)
- Honda 3 (8 900 382 349)
- Toyota 3 (8 900 382 355)
- Universal Target 1 (8 900 382 570)

## Multi-Target starter kit 2 for BBFAS 141X

For articles to be ordered, see configuration. | Article number: 8 900 381 002



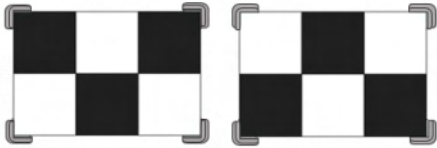
- Multi-Target starter kit 2 with storagebox for BBFAS 1410 / 15 and BB FAS 415

### Targets included:

- Mercedes 1 / Infiniti 2 (8 900 382 312)
- Mercedes 2 (8 900 382 319)
- Universal Target 1 (8 900 382 570)

## Calibration target set Nissan type 1

Article number: 8 900 381 139

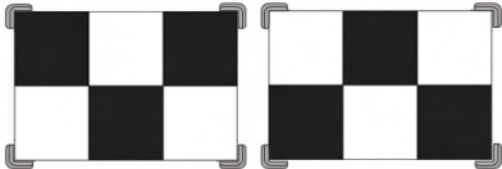


### Nissan

- Qashqai [J11] year from 2013 to 2017-09
- Qashqai Facelift [J11] year from 2017-10
- X-Trail / Rouge [T32] Facelift year from 2017

## Calibration target set Nissan type 2

Article number: 8 900 381 140



### Infiniti

- QX60 formerJX [L50]
- QX70 [Y51] = FX\_Serie year from 2013

### MERCEDES-BENZ

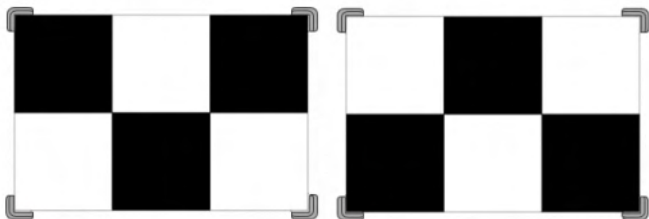
- X-Klasse [470, 471] year from 2017

### Nissan

- Altima [L34] year from 2019
- Leaf [ZE1] year from 2018
- Maxima [A36] year from 2016
- Maxima [A36] year from 2015 to 2016
- Micra [K14] year from 2017
- X-Trail / Rouge [T32] year from 2013 to 2016

## Calibration target set Honda type 1

Article number: 8 900 381 143



### Honda [EU]

- Jazz / Fit [GK] year from 2015
- Civic (9) year from 2012 to 2016
- Civic Typ KG : year from 2016 to 2017
- HR-V [RU] year from 2015

### Honda [US]

- Accord US year from 2013 to 2015
- Civic (5 door) year from 2016 to 2017
- Civic (Hybrid) year from 2012 to 2015
- CR-V year from 2017
- HR-V year from 2016 to 2017

## Calibration target Honda type 2

Article number: 8 900 382 297



## Calibration target Honda type 3

Article number: 8 900 382 349



### Honda [EU]

- Accord (9) [CR] year from 2014
- Civic Non KG: year from 2016 to 2017
- CR-V (4) [RM] year from 2012 to 2015
- CR-V (4) [RM] year from 2015 to 2017

## Calibration target Mazda type 1

Article number: 8 900 382 318

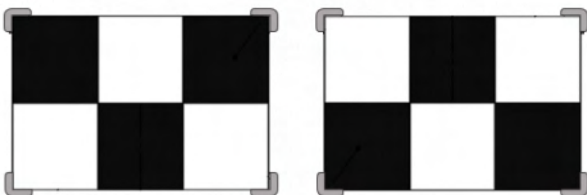


### MAZDA

- CX 3 [DK] year from 2015
- CX 5 [KE] year from 2012 to 2016
- CX 9 [TB]
- MX5 [ND]
- Serie-2 [DJ, DL]
- Series-3 [BM] year from 2013 to 2016-05
- Series-6 [GJ] year to 2016

## Calibration target set Mazda type 2

Article number: 8 900 381 234

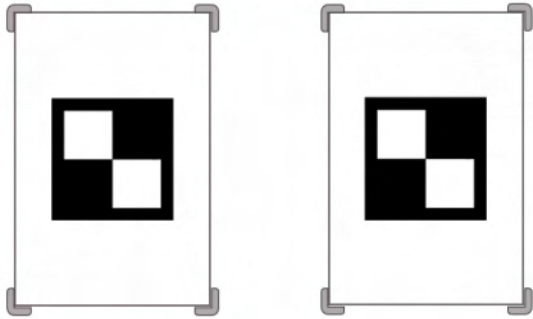


### MAZDA

- CX 5 [KF] year from 2017
- Series-3[BN] year from 2016-06
- Series-6 [GL] year from 2017

## Calibration target set Mitsubishi type 1

Article number: 8 900 381 218



### MITSUBISHI

- ASX / Outlander Sport [GA] year from 2018
- Eclipse Cross [GK] year from 2018
- Outlander III Facelift / PHEV year from 2017

# Calibration target Toyota type 1

Article number: 8 900 382 287



## LEXUS

- ES300h ES450h [V6#] year from 2012 to 2015
- GS-F, GS200t, GS250, GS300h GS350 GS450h [L1#] year from 2012
- LS460, LS600h [F4#] year from 2007
- NX200 NX300h [Z1#]
- RC-F, RC200t, RC350 [C1#] year from 2014

## TOYOTA

- Auris / Corolla [E18#] with SafetySense 3-Step year from 2015 to 2018
- Avensis [T27#] with SafetySense 3-Step year from 2015
- Aygo [B4#] with SafetySense 3-Step year from 2015
- Camry [V5#] year from 2014
- C-HR X10/X50 year from 2017
- Highlander, Kluger [U5] year from 2013
- Mirai [JPD10] year from 2015
- Prius [W30] Prius [W40] year from 2009 to 2015
- RAV4 [A4] year from 2012 to 2015
- Verso [R2#] with SafetySense 3-Step year from 2016
- Yaris [P13#] with SafetySense 3-Step year from 2015 to 2017
- Yaris [P13#] with SafetySense 3-Step year from 2017



## Calibration target Toyota type 2

Article number: 8 900 382 328



### CITROEN

- C1 [B4] year from 2014

### PEUGEOT [EU]

- 108 [B3]

### TOYOTA

- Auris / Corolla [E18#] with SafetySense 1-Step year from 2015 to 2018
- Avensis [T27#] with SafetySense 1 -Step year from 2015
- Aygo [B4#] with SafetySense 1-Step year from 2015
- Verso [R2#] with SafetySense 1-Step year from 2016
- Yaris [P13#] with SafetySense 1-Step year from 2015 to 2017
- Yaris [P13#] with SafetySense 1-Step year from 2017

## Calibration target Toyota type 3

Article number: 8 900 382 355



### LEXUS

- ES300h ES450h [V6#] year from 2015
- IS200t IS300h IS350 [E3#]
- LS500h LS600h [F5#] w Mono-Front-Camera year from 2017
- LS500h LS600h [F5#] w Stereo-Front-Camera year from 2017
- LX570 [J20] year from 2007
- RX200t, RX350, RX450h, [L2#] year from 2015-09

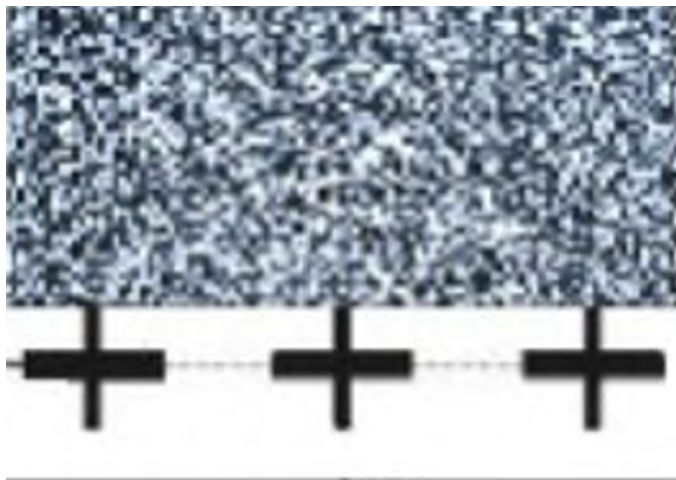
### TOYOTA

- Hilux\_[N12, N13] year from 2015
- Prius [W50] year from 2015
- RAV4 [A4] year from 2015 to 2018

## Calibration target Subaru type 2S

With slot for the alignment laser

Article number: 8 900 382 608



### SUBARU

- Forester G3 (AUS), [SH /S13] year from 2012
- Forester G4 (AUS), [SJ] year from 2014
- Impreza G4 (AUS), [GJ,GP/G23] year from 2011 to 2015
- Legacy [BM,BR / B13] year from 2012
- Outback [BR / B14] year from 2012 to 2015
- XV / Crosstrek [GP, G33] year from 2011 to 2015

## Calibration target Subaru type 3S

With slot for the alignment laser

Article number: 8 900 382 590

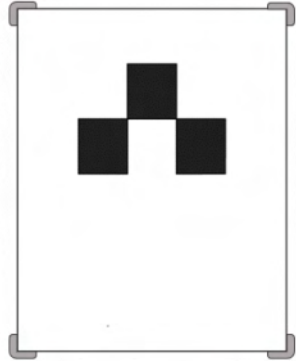


### SUBARU

- Impreza G4, [GJ,GP/G13] year from 2011 to 2017
- Impreza G5 , [GK,GT] year from 2018
- Legacy [BN,BS] year from 2014
- Levorg [GP / V10,VM] year from 2014
- Liberty (au) [BN] year from 2014
- Outback [BR / B14] year from 2015
- Outback [BS /B15] year from 2014
- WRX [VA /V10] year from 2014
- XV / Crosstrek [GP, G33] year from 2015

## Calibration target Kia / Hyundai type 2

Article number: 8 900 382 320

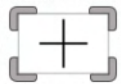


### Hyundai

- H350 [EU] year from 2015

## Calibration target Kia / Hyundai type 3

Article number: 8 900 382 316



### Hyundai

- Equus [VI] year from 2016
- Genesis [BH] year from 2011 to 2014
- SantaFe [DM] Grand-SantaFe [NC] Sport-SantaFe MaxCruise [NC] year from 2015

### KIA

- Cadenza / K7 [VG] year from 2009 to 2016
- Sorento [XM] year from 2009 to 2015

# Calibration target Mercedes/Infinity type 1

Calibration target for Mercedes (passenger cars)

**Article number: 8 900 382 312**



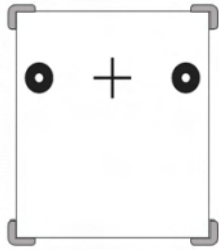
## MERCEDES-BENZ

- A-Klasse [176] year from 2012 to 2018
- B-Klasse [246] year from 2011-11 to 2018-11
- C-Klasse [204] +Facelift year from 2007 to 2014
- C-Klasse [205] year from 2014
- CL [216] year from 2006 to 2013
- CLA [117] year from 2013 to 2019
- CLS [218] year from 2011 to 2018
- E-Klasse [212] year from 2012 to 2016
- E-Klasse [213] year from 2016
- E-Klasse Coupe [207] year from 2009 to 2016
- E-Klasse Coupe [238] year from 2016
- GLA [156] year from 2013 to 156]
- GLC [253] year from 2015
- GLE [292] year from 2015 to 2019
- GLK [204] + Facelift year from 2008 to 2015
- M-Klasse (GL-Klasse) GLE, GLS [166] Camera system 4.0.1 year from 2011 to 2015
- M-Klasse (GL-Klasse) GLE, GLS [166] Camera system 4.0 year from 2011 to 2015
- M-Klasse [GL-Klasse] [164] year from 2006 to 2012
- S-Klasse [221] year from 2005 to 2013
- S-Klasse [222] year from 2013
- S-Klasse Coupe [217] year from 2014 to 217]
- SLK, SLC [172] year from 2011
- SL-Klasse [231] year from 2012
- SLR [190] year from 2014 to 2016
- V-Klasse[447] / Vito [448] year from 2014

## Calibration target Mercedes / Infinity type 2

*Calibration target for Mercedes (Sprinter) / Infinity*

**Article number: 8 900 382 319**



### **MERCEDES-BENZ**

- Sprinter [W909] year from 2013 to 2019
- Sprinter 2500 / 3500 [W906] year from 2006 to 2013

### **VOLKSWAGEN**

- Crafter [2E,2F] year from 2016 to 2017

## Calibration target Universal type 4S

With slot for the alignment laser

**Article number: 8 900 382 570**



### CITROEN

- C3 Aircross [A88] year from 2017
- DS3 Crossback [D34] year from 2019
- DS7 Crossback [X74] year from 2017
- Jumper 3 / Relay 3 [U9] year from 2014

### FIAT

- 500X [334] year from 2015
- Ducato year from 2014

### Hyundai

- Elantra [ADA] year from 2017
- Genesis [DH] year from 2014
- i10 [IA] year from 2017
- i20, i20 Active [GB] year from 2015
- i30 [GD] year from 2015
- i30 [PDE] year from 2017
- i40 [VF] year from 2012
- IONIQ [AE-HEV] year from 2017
- SantaFe[DM] year from 2016
- Sonata [LFA] year from 2016
- Tucson [TL] year from 2016

### Jeep

- Renegade [BU] year from 2015

### KIA

- Cadenza / K7 [YG] year from 2016
- Carens / Rondo [RP] year from 2014
- Ceed / Pro Ceed [JD] year from 2013
- Niro [DE] E-Niro year from 2017
- Optima [JF] year from 2016

- Optima [TF] year from 2015
- Rio (YB) year from 2017
- Sorento [UM] year from 2015
- Soul [PS] E-Soul year from 2015

### OPEL

- Crossland X year from 2017
- Grandland X year from 2018

### PEUGEOT [EU]

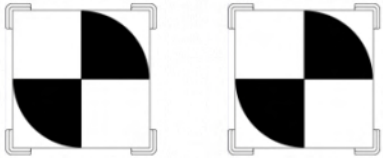
- 3008 II year from 2018
- 508 II year from 2018
- Boxer-3 / Manager [U9]

### TESLA

- Model S year from 2016-10
- Model X year from 2016-10

## Calibration target set Universal type 2

Article number: 8 900 381 142



### NISSAN

- Cima; Fuga [Y51] = Infinity Q70
- NV400 [X62]
- Patrol [Y62] year from 2010

### OPEL

- Movano-B

### RENAULT

- (Grand) Espace V [xFC] year from 2015
- (Grand) Scenic III [J95] year from 2012
- Kadjar [HL/ HZH, HFE] year from 2015 to 2018
- Koleos II [HZG, HZJ] year from 2016
- Master III [x62] year from 2010
- Megane III [x95] year from 2008
- Megane IV [xFB] year from 2016
- Talisman [xFD] year from 2015
- Twingo III [B07] year from 2014

### SMART

- ForFour [543.0] year from 2014
- ForTwo [543-3-4] year from 2014

## Target storage box empty

**Article number: 1 690 381 217**

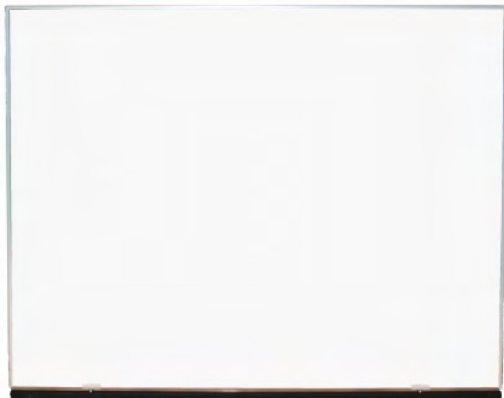


- Empty storagebox for storing the multi brand targets for front camera calibration.

## ACC reflector mirror | for radar calibration

*ACC reflector mirror for adjusting the ACC sensor.*

**Article number: 8 900 381 150**





## Q.DAS Standard | ADAS Calibration after wheel alignments

Modular solution for ADAS calibration of forward-facing and safety-critical radar, camera, and LIDAR systems. Standard version for workshops with low to medium calibration volumes.

**Article number: 8 900 380 010**



Q.DAS: OEM-compliant ADAS calibration in combination with wheel alignment. Q.DAS is a modular solution for the calibration of forward-facing, safety-relevant radar, camera and LIDAR systems. Configure your system depending on the volume, budget and available space. Q.DAS Standard:

- Safety-relevant driver assistance systems: Radar and camera
- Vehicle class: Cars
- Calibration volume in the workshop: low to medium
- Height adjustment: Motorized up to 1700 mm
- Works with all camera calibration targets: Yes
- Supports eTargets: Yes
- Distance adjustment without re-leveling: 200 mm
- Center offset adjustment without re-leveling: 200 mm

Advantages of the Q.DAS system:

### 1. Digital instead of analog:

- Camera-based positioning via live display
- No plump bobs or measuring tapes
- Full control over entire calibration
- Direct specs instead of manual value transfer\*

### 2. Wheel alignment and ADAS calibration as one process

- No retooling
- No moving of measuring devices
- Permanently ready for use
- Guided instructions for setup and positioning
- Automatic compensation of different installation heights
- Meets highest accuracy requirements of OEMs

### 3. Modular calibration solution for every workshop

- Free choice of calibration targets and radar mirrors
- Configuration according to calibration volume, budget and

space conditions

- No fixed commitment to only one diagnostic tester
- Integrated X-Y slider minimizes leveling
- Motorized height adjustment

### Just a few steps to the right system for ADAS calibration

Scope of deliveries:

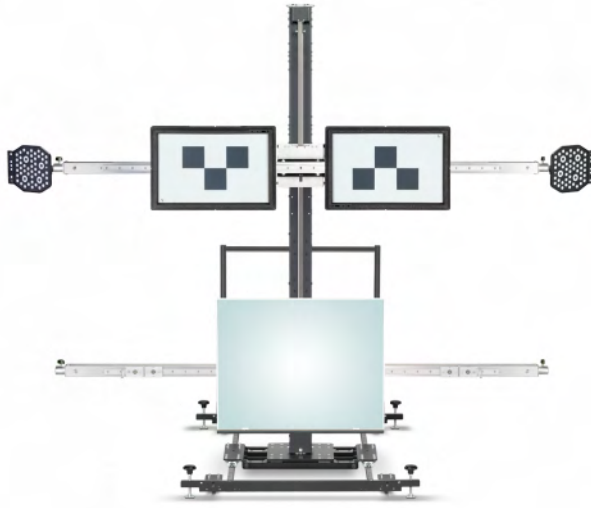
- 1x Modular Q.DAS frame, without targets or radar mirrors
- 1x Q.mApp software (Android) and license for activation (1 year)
- 1x Digital Bluetooth laser distance gauge

\*Costs apply: Requires active Q.mApp license in combination with Q.Lign wheel aligner

## Q.DAS Pro | ADAS Calibration after wheel alignments

Modular solution for ADAS calibration of forward-facing and safety-critical radar, camera, and LIDAR systems. Pro version for workshops with high calibration volumes.

**Article number: 8 900 380 012**



Q.DAS: OEM-compliant ADAS calibration in combination with wheel alignment. Q.DAS is a modular solution for the calibration of forward-facing, safety-relevant radar, camera and LIDAR systems. Configure your system depending on the volume, budget and available space. Q.DAS Pro:

- Safety-relevant driver assistance systems: Radar and camera
- Vehicle class: Cars and light commercial vehicles
- Calibration volume in the workshop: high
- Height adjustment: Motorized up to 2050 mm
- Works with all camera calibration targets: Yes
- Supports eTargets: Yes
- Distance adjustment without re-leveling: 900 mm
- Center offset adjustment without re-leveling: 200 mm

Advantages of the Q.DAS system:

### 1. Digital instead of analog:

- Camera-based positioning via live display
- No plump bobs or measuring tapes
- Full control over entire calibration
- Direct specs instead of manual value transfer\*

### 2. Wheel alignment and ADAS calibration as one process

- No retooling
- No moving of measuring devices
- Permanently ready for use
- Guided instructions for setup and positioning
- Automatic compensation of different installation heights
- Meets highest accuracy requirements of OEMs

### 3. Modular calibration solution for every workshop

- Free choice of calibration targets and radar mirrors
- Configuration according to calibration volume, budget and

space conditions

- No fixed commitment to only one diagnostic tester
- Integrated X-Y slider minimizes leveling
- Motorized height adjustment

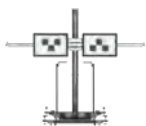
### Just a few steps to the right system for ADAS calibration

#### Scope of deliveries:

- 1x Modular Q.DAS frame, without targets or radar mirrors
- 1x Q.mApp software (Android) and license for activation (1 year)
- 1x Digital Bluetooth laser distance gauge

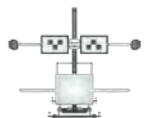
\*Costs apply: Requires active Q.mApp license in combination with Q.Lign wheel aligner

## Q.DAS



### Q.DAS Standard | ADAS Calibration after wheel alignments

Article number: 8 900 380 010



### Q.DAS Pro | ADAS Calibration after wheel alignments

Article number: 8 900 380 012

## BBFAS



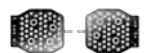
### BBFAS 1000 Basic Kit

Article number: 8 900 380 003



### Standard target boards for DAS calibration jig

Article number: 1 690 701 119



### ADAS target boards | for Q.Lign

Article number: 1 690 200 013



### Special target boards for DAS calibration jig in combination with 4-post lifts

Article number: 1 690 701 152



### BBFAS 1410

Article number: 8 900 380 006



### BBFAS 1415

Article number: 8 900 380 007



### Mobile adjustment device BBFAS 1000 base unit

Article number: 8 900 381 137



### ACC reflector mirror | for radar calibration

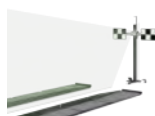
Article number: 8 900 381 150



### Calibration target lane keeping assistant for VW Group BBFAS 1000

Article number: 8 900 381 147

## Without wheel aligner



### BBFAS 415

Article number: 8 900 380 008



### Distance measurement laser for BB FAS 415

Article number: 8 900 381 005



### P-Assist

Article number: 8 900 381 138



### Positioning target

Article number: 8 900 381 292

## Target Shop



### 2-in-1 XXL calibration board | for VW front camera and multi-brand radar | Q.DAS

Article number: 8 900 381 056



### eTarget Kit | Digital 15-in-1 solution

Article number: 8 900 380 011



### Multi-Target starter kit 1 for BBFAS 141X

Article number: 8 900 381 001

For articles to be ordered, see configuration.



### Multi-Target starter kit 2 for BBFAS 141X

Article number: 8 900 381 002

For articles to be ordered, see configuration.



### Calibration target set Nissan type 1

Article number: 8 900 381 139



### Calibration target set Nissan type 2

Article number: 8 900 381 140



### Calibration target set Honda type 1

Article number: 8 900 381 143



**Calibration target Honda type 2**

Article number: 8 900 382 297



**Calibration target Honda type 3**

Article number: 8 900 382 349



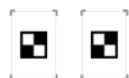
**Calibration target Mazda type 1**

Article number: 8 900 382 318



**Calibration target set Mazda type 2**

Article number: 8 900 381 234



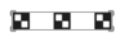
**Calibration target set Mitsubishi type 1**

Article number: 8 900 381 218



**Calibration target Toyota type 1**

Article number: 8 900 382 287



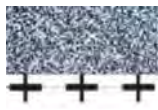
**Calibration target Toyota type 2**

Article number: 8 900 382 328



**Calibration target Toyota type 3**

Article number: 8 900 382 355



**Calibration target Subaru type 2S**

Article number: 8 900 382 608



**Calibration target Subaru type 3S**

Article number: 8 900 382 590



**Calibration target Kia / Hyundai type 2**

Article number: 8 900 382 320



**Calibration target Kia / Hyundai type 3**

Article number: 8 900 382 316



**Calibration target Mercedes/Infiniti type 1**

Article number: 8 900 382 312



**Calibration target Mercedes / Infiniti type 2**

Article number: 8 900 382 319



**Calibration target Universal type 4S**

Article number: 8 900 382 570



**Calibration target set Universal type 2**

Article number: 8 900 381 142



**Target storage box empty**

Article number: 1 690 381 217



**ACC reflector mirror | for radar calibration**

Article number: 8 900 381 150



## КАТАЛОГ УСТРОЙСТВ РЕГУЛИРОВКИ КОЛЕС

**Архангельск** (8182)63-90-72  
**Астана** (7172)727-132  
**Астрахань** (8512)99-46-04  
**Барнаул** (3852)73-04-60  
**Белгород** (4722)40-23-64  
**Брянск** (4832)59-03-52  
**Владивосток** (423)249-28-31  
**Волгоград** (844)278-03-48  
**Вологда** (8172)26-41-59  
**Воронеж** (473)204-51-73  
**Екатеринбург** (343)384-55-89  
**Иваново** (4932)77-34-06

**Ижевск** (3412)26-03-58  
**Иркутск** (395)279-98-46  
**Казань** (843)206-01-48  
**Калининград** (4012)72-03-81  
**Калуга** (4842)92-23-67  
**Кемерово** (3842)65-04-62  
**Киров** (8332)68-02-04  
**Краснодар** (861)203-40-90  
**Красноярск** (391)204-63-61  
**Курск** (4712)77-13-04  
**Липецк** (4742)52-20-81

**Киргизия** (996)312-96-26-47

**Магнитогорск** (3519)55-03-13  
**Москва** (495)268-04-70  
**Мурманск** (8152)59-64-93  
**Набережные Челны** (8552)20-53-41  
**Нижний Новгород** (831)429-08-12  
**Новокузнецк** (3843)20-46-81  
**Новосибирск** (383)227-86-73  
**Омск** (3812)21-46-40  
**Орел** (4862)44-53-42  
**Оренбург** (3532)37-68-04  
**Пенза** (8412)22-31-16

**Россия** (495)268-04-70

**Пермь** (342)205-81-47  
**Ростов-на-Дону** (863)308-18-15  
**Рязань** (4912)46-61-64  
**Самара** (846)206-03-16  
**Санкт-Петербург** (812)309-46-40  
**Саратов** (845)249-38-78  
**Севастополь** (8692)22-31-93  
**Симферополь** (3652)67-13-56  
**Смоленск** (4812)29-41-54  
**Сочи** (862)225-72-31  
**Ставрополь** (8652)20-65-13

**Казахстан** (772)734-952-31

**Сургут** (3462)77-98-35  
**Тверь** (4822)63-31-35  
**Томск** (3822)98-41-53  
**Тула** (4872)74-02-29  
**Тюмень** (3452)66-21-18  
**Ульяновск** (8422)24-23-59  
**Уфа** (347)229-48-12  
**Хабаровск** (4212)92-98-04  
**Челябинск** (351)202-03-61  
**Череповец** (8202)49-02-64  
**Ярославль** (4852)69-52-93

<https://beissbarth.nt-rt.ru> || [bhp@nt-rt.ru](mailto:bhp@nt-rt.ru)