

# ACS Cars

Overview vehicle coverage for Blind-Spot detection calibration (Based on WOW LOOQIT 5.39.00 online version)

In the following you will find an overview of all **radar systems** which can be calibrated using our calibration system **ACS cars**.

**ACS cars** from WOW! Würth Online World offers you a flexible and cost-effective system for the calibration of static and dynamic camera and radar systems. Consisting of hardware and software components, the calibration system is the optimal solution for the demanding everyday workshop life.

**The available functions depend on the installed control unit type and the software variant used. Please check the availability of the calibration in [Functions / Adjustment] of the WOW! LOOQIT software**

Info	Manufacturer	Model	Model year	System	Available since WOW version	System type	Type of calibration	WOW Target	Special tool	Indication when calibration becomes necessary
NEW in this version	Audi	A3 [13-20]	2013-2020	Lane-change assist	5.39.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	A3 [20-]	2020-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	A4 [16-]	2016-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	A5 [17-]	2017-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	A6 [19-]	2019-2022	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	A7 [19-]	2019-2022	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	A8 [18-]	2018-2019	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	e-tron [19-]	2020-2022	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
NEW in this version	Audi	e-tron GT	2021-2021	Lane-change assist	5.39.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	Q3 [19-]	2019-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	Q4 e-tron	2021-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	Q5 [17-]	2017-2020	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	Q7 [15-]	2015-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Audi	Q8 [19-]	2019-2022	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
NEW in this version	Audi	TT [15-]	2015-2018	Lane-change assist	5.39.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	BMW	2-series [G42/87]	2022-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.38.00	Environment Radar	Dynamic	NO		a; b; c; d
NEW in this version	BMW	2-series Active Tourer [U06]	2022-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.39.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	3-series [F30/31/80]	2011-2019	SWW (Lane replacement warning)	5.00.23	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	3-series [G20/21/80/81]	2018-2023	HRSNR (Short range radar rear right)	5.33.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	3-series GT [F34]	2012-2020	SWW (Lane replacement warning)	5.00.23	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	4-series [F32/33/36/82/83]	2013-2020	SWW (Lane replacement warning)	5.00.23	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	4-series [G22/23/26/82/83]	2020-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	5-series [F10/11]	2010-2017	SWW (Lane replacement warning)	5.00.19	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	5-series [G30/31/38/F90]	2016-2017	SWW (Lane replacement warning)	5.00.22	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	5-series [G30/31/38/F90]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	5-series GT [F07]	2009-2017	SWW (Lane replacement warning)	5.00.19	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	6-series [F06/12/13]	2010-2018	SWW (Lane replacement warning)	5.00.19	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	6-series GT [G32]	2016-2017	SWW (Lane replacement warning)	5.00.22	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	6-series GT [G32]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	7-series [F01/02/03/04]	2008-2015	SWW (Lane replacement warning)	5.00.19	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	7-series [G11/12]	2015-2017	SWW (Lane replacement warning)	5.00.22	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	7-series [G11/12]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	8-series [G14/15/16/F91/92/93]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	i4 [G26]	2022-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.35.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	iX [I20]	2021-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.35.00	Environment Radar	Dynamic	NO		a; b; c; d

Info	Manufacturer	Model	Model year	System	Available since WOW version	System type	Type of calibration	WOW Target	Special tool	Indication when calibration becomes necessary
NEW in this version	BMW	iX1 [U11]	2022-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.39.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	iX3 [G08]	2021-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.34.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X3 [G01/F97]	2017-2017	SWW (Lane replacement warning)	5.00.23	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X3 [G01/F97]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X4 [F26]	2013-2018	SWW (Lane replacement warning)	5.00.19	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X4 [G02/F98]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.27.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X5 [F15/85]	2013-2019	SWW (Lane replacement warning)	5.00.19	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X5 [G05/F95]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X6 [F16/86]	2014-2019	SWW (Lane replacement warning)	5.00.19	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X6 [G06/F96]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	X7 [G07]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	BMW	Z4 [G29]	2018-2023	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
NEW in this version	Cupra	Ateca	2018-2023	Lane-change assist	5.39.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Cupra	Formentor	2020-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Cupra	Leon	2020-2022	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Fiat	Fullback	2016-2018	Lane assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Hyundai	Kona [18-]	2018-2020	BSD (Blind spot detection)	5.00.23	Environment Radar	Dynamic	NO		a; b; c; d
	Infiniti	Q50 [13-]	2013-2021	Side radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Infiniti	Q60 [13-]	2016-2021	Side radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Infiniti	Q70 [13-]	2015-2019	Side radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Infiniti	QX50 [13-]	2015-2021	Side radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Infiniti	QX60 [13-]	2013-2021	Side radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Infiniti	QX70 [13-]	2015-2019	Side radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Infiniti	QX80 [13-]	2013-2021	Side radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	KIA	Optima [16-]	2016-2020	BSD L+R (Blind spot detection)	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
	KIA	Sorento [15-]	2015-2020	BSD (Blind spot detection)	5.00.23	Environment Radar	Dynamic	NO		a; b; c; d
	KIA	Sportage [16-]	2019-2020	BSD L+R (Blind spot detection)	5.32.00	Environment Radar	Dynamic	NO		a; b; c; d
NEW in this version	MAN LCV	TGE	2017-2023	Lane-change assist	5.39.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Nissan	Juke F15 [10-]	2010-2019	Side Radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Nissan	Leaf ZE0 [10-17]	2010-2017	Side Radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Nissan	Leaf ZE1 [18-]	2018-2020	Side Radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Nissan	Maxima A36 [15-]	2015-2020	Side Radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Nissan	Micra K14 [17-]	2017-2020	Side Radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Nissan	Pulsar C13 [14-]	2014-2020	Side Radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Nissan	Qashqai J11 [13-]	2013-2020	Side Radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Nissan	Qashqai J12 [21-] *SGW protected	2021-2023	Side Radar (left & right)	5.38.00	Environment Radar	Dynamic	NO		a; b; d; f
	Porsche	Macan	2014-2022	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Seat	Arona	2018-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Seat	Leon IV	2020-2021	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Seat	Tarraco [19-]	2019-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Škoda	Enyaq	2021-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Škoda	Karoq	2018-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Škoda	Kodiaq	2017-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Škoda	Octavia IV [21-]	2020-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	Arteon	2017-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	Caddy V [21-]	2021-2021	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	Golf VIII	2020-2021	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g

Info	Manufacturer	Model	Model year	System	Available since WOW version	System type	Type of calibration	WOW Target	Special tool	Indication when calibration becomes necessary
	Volkswagen	ID. Buzz	2023-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	ID. Buzz Cargo	2023-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	ID.3	2020-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	ID.4	2021-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	ID.5	2022-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	Passat VIII [15-]	2015-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	T7 Multivan [22-]	2022-2022	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	T-Cross	2019-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	Tiguan [16-]	2016-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	Volkswagen	T-Roc	2018-2023	Lane-change assist	5.38.00	Environment Radar	Dynamic	NO		a; c; d; e; f; g
	VOLVO	S60 [19-]	2019-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c
	VOLVO	S90 [17-]	2017-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c
	VOLVO	V60 [19-]	2019-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c
	VOLVO	V60 Cross Country [19-]	2019-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c
	VOLVO	V90 [17-]	2017-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c
	VOLVO	V90 Cross Country	2017-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c
	VOLVO	XC40	2018-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c
	VOLVO	XC60 [18-]	2018-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c
	VOLVO	XC90 [16-]	2016-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	Static	NO		a; c

**Explanation:**

- a - Fault code is present
- b - Exchange of windscreen / parts
- c - Exchange of control unit
- d - Replacement of camera / sensor
- e - changes after wheel alignment
- f - steering wheel sensor adjustment, height level sensor replacement
- g - lock carrier / front bumper moved