



# ACS Cars

Overview vehicle coverage for **Blind-spot-detection calibration** (Based on WOW LOOQIT 5.35.00 online version)

In the following you will find an overview of all Blind spot detection 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.

Info	Manufactur	Model	Model year	System	Available since WOW! Version	System type	Special tool	Type of calibration	Special tool if necessary	Indication when calibration becomes necessary
	BMW	3-series [F30/31/80]	2011-2019	SWW (Lane replacement warning)	5.00.23	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	3-series [G20/G21]	2018-2022	HRSNR (Short range radar rear right)	5.33.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	3-series GT [F34]	2012-2020	SWW (Lane replacement warning)	5.00.23	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	4-series [F32/33/36/82/83]	2013-2020	SWW (Lane replacement warning)	5.00.23	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	4-series [G22/G82]	2020-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	5-series [F10/11]	2010-2017	SWW (Lane replacement warning)	5.00.19	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	5-series [G30/31/38/F90]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	5-series [G30/31/38/F90]	2016-2017	SWW (Lane replacement warning)	5.00.22	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	6-series [F06/12/13]	2010-2018	SWW (Lane replacement warning)	5.00.19	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	6-series GT [G32]	2016-2017	SWW (Lane replacement warning)	5.00.22	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	6-series GT [G32]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	7-series [F01/02/03/04]	2008-2015	SWW (Lane replacement warning)	5.00.19	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	7-series [G11/12]	2015-2017	SWW (Lane replacement warning)	5.00.22	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	7-series [G11/12]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	8-series [G14/15]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	GT [F07]	2009-2017	SWW (Lane replacement warning)	5.00.19	Environment Radar	NO	Dynamic		a; b; c; d
NEW implemented	BMW	i4 [G26]	2022-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.35.00	Environment Radar	NO	Dynamic		a; b; c; d
NEW implemented	BMW	iX [I20]	2021-2021	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.35.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	iX3 [G08]	2021-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.34.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X3 [G01]	2017-2017	SWW (Lane replacement warning)	5.00.23	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X3 [G01]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X4 [F26]	2013-2018	SWW (Lane replacement warning)	5.00.19	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X4 [G02]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.27.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X5 [F15/85]	2013-2019	SWW (Lane replacement warning)	5.00.19	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X5 [G05]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X6 [F16/86]	2014-2019	SWW (Lane replacement warning)	5.00.19	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X6 [G06]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	X7 [G07]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	BMW	Z4 [G29]	2018-2022	HRSNR/SWW (Short range radar rear right (HRSNR) or Lane change warning (SWW))	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	Hyundai	Kona [18-]	2018-2020	BSD (Blind spot detection)	5.00.23	Environment Radar	NO	Dynamic		a; b; d; f
	KIA	Niro [19-]	2019-2020	BSD (Blind spot detection)	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d

	KIA	Optima [16-]	2016-2020	BSD L+R (Blind spot detection)	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	KIA	Sorento [15-]	2015-2018	BSD (Blind spot detection)	5.00.23	Environment Radar	NO	Dynamic		a; b; c; d
	KIA	Sportage [16-]	2019-2020	BSD L+R (Blind spot detection)	5.32.00	Environment Radar	NO	Dynamic		a; b; c; d
	VOLVO	S60 [19-]	2019-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		a; c
	VOLVO	S90 [17-]	2017-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		a; c
	VOLVO	V60 [19-]	2019-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		a; c
	VOLVO	V60 Cross Country [19-]	2019-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		a; c
	VOLVO	V90 [17-]	2017-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		a; c
	VOLVO	V90 Cross Country	2017-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		a; c
	VOLVO	XC40	2018-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		a; c
	VOLVO	XC60 [18-]	2018-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		a; c
	VOLVO	XC90 [16-]	2016-2021	Side Obstacle Detection Control Module - Left & Right	5.31.00	Environment Radar	NO	Static		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