



# ACS CARS

## Overview vehicle coverage for camera calibration (Last update 02.01.2020; software version 5.28.00)

In the following you will find an overview of all camera 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.

Brand	Model	Model year	System	Available since WOW! version	Type of calibration	Special tools necessary?	Target type if necessary	Global information when adjustment shall be performed
Alfa Romeo	Giulia	2015-2017	Front Camera Module (HALF)	5.00.17	Static	YES	TFC6	a; b; c; d;
Alfa Romeo	Stelvio	2017-2017	Front Camera Module (HALF)	5.00.23	Static	YES	TFC6	a; b; c; d;
Audi	A1 [19-]	2019-2019	Camera module, front	5.27.00	Static	YES	TFC1	a; b; c; d, e; f
Audi	A3 [13-]	2013-2019	Front Camera (A5)	5.00.15	Static	YES	TFC1	a; b; c; d, e; f
Audi	A4 [16-]	2016-2018	Front Camera (A5)	5.00.20	Static	YES	TFC1	a; b; c; d, e; f
Audi	A5 [17-]	2017-2018	Camera module, front	5.00.22	Static	YES	TFC1	a; b; c; d, e; f
Audi	A6 [11-18]	2011-2018	Camera module, front	5.28.00	Static	YES	TFC1	a; b; c; d, e; f

Audi	A6 [19-]	2019-2019	Camera module, front	5.27.00	Static	YES	TFC1	a; b; c; d, e; f
Audi	A7 [11-17]	2011-2017	Camera module, front	5.28.00	Static	YES	TFC1	a; b; c; d, e; f
Audi	A7 [18-]	2018-2019	Camera module, front	5.27.00	Static	YES	TFC1	a; b; c; d, e; f
Audi	A8 [10-17]	2010-2016	Camera module, front	5.28.00	Static	YES	TFC1	a; b; c; d, e; f
Audi	A8 [18-]	2018-2019	Camera module, front	5.28.00	Static	YES	TFC1	a; b; c; d, e; f
Audi	Q2 [17-]	2017-2018	Camera module, front	5.00.22	Static	YES	TFC1	a; b; c; d, e; f
Audi	Q5 [17-]	2017-2018	Camera module, front	5.00.22	Static	YES	TFC1	a; b; c; d, e; f
Audi	Q7 [15-]	2015-2018	Front Camera (A5)	5.00.20	Static	YES	TFC1	a; b; c; d, e; f
Audi	Q8 [19-]	2019-2019	Camera module, front	5.27.00	Static	YES	TFC1	a; b; c; d, e; f
BMW	1-series [F20/21]	2011-2019	KAFAS (Camera-based driver assistant system)	5.00.24	Dynamic	NO		a; b; c; d
BMW	2-series [F22/23/45/46/87]	2014-2019	KAFAS (Camera-based driver assistant system)	5.00.16	Dynamic	NO		a; b; c; d
BMW	3-series [F30/31/80]	2011-2019	KAFAS (Camera-based driver assistant system)	5.00.24	Dynamic	NO		a; b; c; d
BMW	3-series [F30/31/80]	2011-2019	SWW (Lane replacement warning)	5.00.23	Dynamic	NO		a; b; c; d

BMW	3-series GT [F34]	2012-2019	KAFAS (Camera-based driver assistant system)	5.00.22	Dynamic	NO		a; b; c; d
BMW	3-series GT [F34]	2012-2019	SWW (Lane replacement warning)	5.00.23	Dynamic	NO		a; b; c; d
BMW	4-series [F32/33/36/82/83]	2013-2019	KAFAS (Camera-based driver assistant system)	5.00.19	Dynamic	NO		a; b; c; d
BMW	4-series [F32/33/36/82/83]	2013-2019	SWW (Lane replacement warning)	5.00.23	Dynamic	NO		a; b; c; d
BMW	5-series [F10/11]	2010-2017	KAFAS (Camera-based driver assistant system)	5.00.16	Dynamic	NO		a; b; c; d
BMW	5-series [F10/11]	2010-2017	SWW (Lane replacement warning)	5.00.19	Dynamic	NO		a; b; c; d
BMW	5-series [F10/11]	2014-2014	SWW (Lane replacement warning)	5.00.19	Dynamic	NO		a; b; c; d
BMW	5-series [G30/31/38]	2016-2019	KAFAS (Camera-based driver assistant system)	5.00.22	Dynamic	NO		a; b; c; d
BMW	5-series [G30/31/38]	2016-2019	SWW (Lane replacement warning)	5.00.22	Dynamic	NO		a; b; c; d
BMW	6-series [F06/12/13]	2010-2018	KAFAS (Camera-based driver assistant system)	5.00.16	Dynamic	NO		a; b; c; d
BMW	6-series [F06/12/13]	2010-2018	SWW (Lane replacement warning)	5.00.19	Dynamic	NO		a; b; c; d

BMW	6-series GT [G32]	2016-2019	KAFAS (Camera-based driver assistant system)	5.00.16	Dynamic	NO		a; b; c; d
BMW	6-series GT [G32]	2016-2019	SWW (Lane replacement warning)	5.00.22	Dynamic	NO		a; b; c; d
BMW	7-series [F01/02/03/04]	2008-2015	KAFAS (Camera-based driver assistant system)	5.00.16	Dynamic	NO		a; b; c; d
BMW	7-series [F01/02/03/04]	2008-2015	SWW (Lane replacement warning)	5.00.19	Dynamic	NO		a; b; c; d
BMW	7-series [G11/12]	2015-2019	KAFAS (Camera-based driver assistant system)	5.00.22	Dynamic	NO		a; b; c; d
BMW	7-series [G11/12]	2015-2019	SWW (Lane replacement warning)	5.00.22	Dynamic	NO		a; b; c; d
BMW	GT [F07]	2009-2017	KAFAS (Camera-based driver assistant system)	5.00.16	Dynamic	NO		a; b; c; d
BMW	GT [F07]	2009-2017	SWW (Lane replacement warning)	5.00.19	Dynamic	NO		a; b; c; d
BMW	GT [F07]	2010-2010	SWW (Lane replacement warning)	5.00.22	Dynamic	NO		a; b; c; d
BMW	i3 [I01]	2014-2019	KAFAS (Camera-based driver assistant system)	5.00.26	Dynamic	NO		a; b; c; d
BMW	X1 [F48]	2015-2019	KAFAS (Camera-based driver assistant system)	5.00.22	Dynamic	NO		a; b; c; d

BMW	X2 [F39]	2017-2019	KAFAS (Camera-based driver assistant system)	5.00.23	Dynamic	NO		a; b; c; d
BMW	X3 [G01]	2017-2019	KAFAS (Camera-based driver assistant system)	5.00.23	Dynamic	NO		a; b; c; d
BMW	X3 [G01]	2017-2019	SWW (Lane replacement warning)	5.00.23	Dynamic	NO		a; b; c; d
BMW	X4 [F26]	2013-2018	KAFAS (Camera-based driver assistant system)	5.00.19	Dynamic	NO		a; b; c; d
BMW	X4 [F26]	2013-2018	SWW (Lane replacement warning)	5.00.19	Dynamic	NO		a; b; c; d
BMW	X4 [G02]	2018-2019	KAFAS (Camera-based driver assistant system)	5.00.26	Dynamic	NO		a; b; c; d
BMW	X4 [G02]	2018-2019	SWW (Lane replacement warning)	5.27.00	Dynamic	NO		a; b; c; d
BMW	X5 [F15/85]	2013-2019	KAFAS (Camera-based driver assistant system)	5.00.19	Dynamic	NO		a; b; c; d
BMW	X5 [F15/85]	2013-2019	SWW (Lane replacement warning)	5.00.19	Dynamic	NO		a; b; c; d
BMW	X6 [F16/86]	2014-2019	KAFAS (Camera-based driver assistant system)	5.00.19	Dynamic	NO		a; b; c; d
BMW	X6 [F16/86]	2014-2019	SWW (Lane replacement warning)	5.00.19	Dynamic	NO		a; b; c; d

Citroën	C3 Aircross	2017-2019	Multifunction camera (Lane assistant)	5.00.23	Static	YES	TFC4	a; b; d; e
Citroën	C3 Aircross	2017-2019	Multifunction video camera (Lane assistant)	5.00.23	Dynamic	NO		b; d
Citroën	C3 Serie 4 [17-]	2017-2019	Multifunction camera (Lane assistant)	5.00.22	Static	YES	TFC4	a; b; d; e
Citroën	C3 Serie 4 [17-]	2017-2019	Multifunction video camera (Lane assistant)	5.00.22	Dynamic	NO		b; d
Citroën	C4 Cactus	2018-2019	Multifunction video camera (Lane assistant)	5.28.00	Static	YES	TFC4	a; b; d; e
Citroën	C4 Picasso [14-]	2014-2019	Multifunction video camera (Lane assistant)	5.28.00	Static	YES	TFC4	a; b; d; e
Citroën	DS5	2012-2019	Multifunction camera (Lane assistant)	5.00.22	Dynamic	NO		b; d
DS Automobiles	DS5	2012-2019	Multifunction camera (Lane assistant)	5.00.22	Dynamic	NO		b; d
Fiat	500X	2015-2017	HALF (Haptic Lane Feedback)	5.00.17	Static	YES	TFC5	a; b; c; d;
Fiat	Fullback	2016-2018	FFCM (Forward facing camera module) Lane Assist	5.00.24	Dynamic	NO		a; b; c; f
Ford	C-Max [15-]	2015-2019	Forward sensing camera - Lane Assistance	5.00.17	Dynamic	NO		a; b; d; Replacing a rearview mirror

Ford	Edge	2016-2017	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Explorer [16-]	2016-2019	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Focus [11-14]	2011-2014	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Focus [14-]	2014-2018	Forward sensing camera - Lane Assistance	5.00.15	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Focus C-Max [11-14]	2010-2014	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Galaxy [11-15]	2011-2016	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Galaxy [15-]	2015-2019	Forward sensing camera - Lane Assistance	5.00.10	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Kuga [13-]	2013-2019	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d
Ford	Mondeo [14-]	2014-2017	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Mustang [15-]	2015-2019	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Ranger [12-]	2016-2017	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror

Ford	S-max [11-15]	2011-2016	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	S-max [15-]	2015-2019	Forward sensing camera - Lane Assistance	5.00.10	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Tourneo Connect [14-]	2014-2017	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Tourneo Custom [13-]	2012-2017	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Transit [14-]	2014-2019	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Transit Connect [14-]	2014-2017	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Ford	Transit Custom [13-]	2012-2017	Forward sensing camera - Lane Assistance	5.28.00	Dynamic	NO		a; b; d; Replacing a rearview mirror
Hyundai	i20 [15-]	2015-2018	Lane departure warning camera	5.00.10	Static	YES	TFC5	a; b; c; d; e
Hyundai	Santa Fe [13-]	2013-2015	Lane departure warning camera	5.00.10	Static	YES	09890-3N100	a; b; c; d; e
Iveco	Daily VI	2014-2018	Lane departure warning camera	5.00.17	Static	YES	TFC5	a; b; c; d;
Jaguar	F-pace (DoIP)	2018-2019	IPMA Image processing module "A"	5.28.00	Dynamic	NO		a; b; c; d; e; f



Jaguar	XE (DoIP)	2018-2019	IPMA Image processing module "A"	5.28.00	Dynamic	NO		a; b; c; d; e; f
Jaguar	XF (DoIP)	2018-2019	IPMA Image processing module "A"	5.28.00	Dynamic	NO		a; b; c; d; e; f
Jeep	Cherokee [14-]	2014-2017	FFCM (Forward facing camera module)	5.00.20	Dynamic	NO		
Jeep	Renegade	2015-2017	HALF (Haptic Lane Feedback)	5.00.17	Static	YES	TFC5	a; b; c; d
KIA	Niro [17-]	2017-2019	Parking guide system (PGS)	5.00.26	Static	YES		
KIA	Sorento [09-15]	2013-2015	Lane departure warning camera	5.00.17	Static	YES	09890-3N100	a; b; c; d, e
KIA	Sorento [15-]	2017-2018	Lane departure warning camera	5.00.23	Static	YES	09890-3N100	a; b; c; d, e
Lancia	Delta [08-]	2008-2014	HALF (Haptic Lane Feedback)	5.00.22	Dynamic	NO		a; b; c; f
Land Rover	Discovery 5 [17-DoIP]	2017-2019	IPMA Image processing module "A"	5.28.00	Dynamic	NO		a; b; c; d; e; f
Land Rover	Discovery Sport [17-DoIP]	2017-2018	IPMA Image processing module "A"	5.28.00	Dynamic	NO		a; b; c; d; e; f
Land Rover	Range Rover Sport [17-DoIP]	2017-2018	IPMA Image processing module "A"	5.28.00	Dynamic	NO		a; b; c; d; e; f

Land Rover	Range Rover Velar	2018-2019	IPMA Image processing module "A"	5.28.00	Dynamic	NO		a; b; c; d; e; f
Mazda	CX-3	2015-2016	FSC (Forward sensing camera)	5.00.17	Static	YES	TFC8-L, TFC8-R	a; b; c; e
Mazda	CX-5	2011-2016	FSC (Forward sensing camera)	5.00.10	Static	YES	TFC8-L, TFC8-R	a; b; c; e
Mazda	Mazda2 [14-]	2014-2016	FSC (Forward sensing camera)	5.00.10	Static	YES	TFC8-L, TFC8-R	a; b; c; e
Mazda	Mazda3 [14-]	2014-2016	FSC (Forward sensing camera)	5.00.10	Static	YES	TFC8-L, TFC8-R	a; b; c; e
Mazda	Mazda6 [13-]	2013-2014	FSC (Forward sensing camera)	5.00.17	Static	YES	TFC8-L, TFC8-R	a; b; c; e
Mazda	Mazda6 [16-] [GL]	2016-2018	FSc (Forward sensing camera)	5.28.00	Static	YES	TFC9-L, TFC9-R	a; b; c; d; e; f
Mazda	MX-5 [15-]	2015-2016	FSC (Forward sensing camera)	5.00.17	Static	YES	TFC8-L, TFC8-R	a; b; c; e
Mercedes	A-Class [W176]	2012-2018	MPC212 (Multifunction Camera)	5.00.10	Static	YES	TFC2	a; b; d
Mercedes	A-Class [W177]	2018-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.00.23	Static	YES	TFC2	a; b; d

Mercedes	AMG GT 4-Door Coupé [X290]	2019-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.00.26	Static	YES	TFC2	a; b; d
Mercedes	B-Class [W242]	2014-2017	MPC212 (Multifunction Camera)	5.00.22	Static	YES	TFC2	a; b; d
Mercedes	B-Class [W246]	2012-2018	MPC212 (Multifunction Camera)	5.00.10	Static	YES	TFC2	a; b; d
Mercedes	B-Class [W247]	2019-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.00.26	Static	YES	TFC2	a; b; d
Mercedes	C-Class [W204]	2011-2015	MPC212 (Multifunction Camera)	5.00.10	Static	YES	TFC2	a; b; d
Mercedes	C-Class [W205]	2014-2018	MMPC222 (Multifunction Camera)	5.00.15	Static	YES	TFC2	a; b; d
Mercedes	C-Class [W205] [2019-]	2019-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.00.26	Static	YES	TFC2	a; b; d
Mercedes	CL [C216]	2011-2013	MPC212 (Multifunction Camera)	5.00.15	Static	YES	TFC2	a; b; d
Mercedes	CLA-Class [C117]	2013-2018	MPC212 (Multifunction Camera)	5.00.10	Static	YES	TFC2	a; b; d

Mercedes	CLA-Class [C118]	2019-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunc- tion Camera	5.00.26	Static	YES	TFC2	a; b; d
Mercedes	CLS [C218]	2011-2018	MPC212 (Multifunction Camera)	5.00.10	Static	YES	TFC2	a; b; d
Mercedes	CLS [C257]	2018-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunc- tion Camera	5.00.22	Static	YES	TFC2	a; b; d
Mercedes	E-Class [W212]	2009-2016	MPC212 (Multifunction Camera)	5.00.16	Static	YES	TFC2	a; b; d
Mercedes	E-Class [W213]	2016-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunc- tion Camera	5.00.17	Static	YES	TFC2	a; b; d
Mercedes	E-Class Coupé [C238]	2017-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunc- tion Camera	5.00.20	Static	YES	TFC2	a; b; d
Mercedes	E-Class Coupé [W207]	2009-2017	MPC212 (Multifunction Camera)	5.00.16	Static	YES	TFC2	a; b; d
Mercedes	G-Class [W463] [2019-]	2019-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunc- tion Camera	5.00.26	Static	YES	TFC2	a; b; d
Mercedes	GLA-Class [X156]	2014-2018	MPC212 (Multifunction Camera)	5.00.16	Static	YES	TFC2	a; b; d

Mercedes	GLB-Class [X247]	2019-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.28.00	Static	YES	TFC2	a; b; d
Mercedes	GLC [X253]	2016-2019	MMPC222 (Multifunction Camera)	5.00.16	Static	YES	TFC2	a; b; d
Mercedes	GL-Class [X166]	2013-2015	MPC212 (Multifunction Camera)	5.00.16	Static	YES	TFC2	a; b; d
Mercedes	GLE [W166]	2016-2018	MPC212 (Multifunction Camera)	5.00.17	Static	YES	TFC2	a; b; d
Mercedes	GLE [W167]	2019-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.00.26	Static	YES	TFC2	a; b; d
Mercedes	GLE Coupé [C292]	2016-2018	MPC212 (Multifunction Camera)	5.00.16	Static	YES	TFC2	a; b; d
Mercedes	GLK-Class [X204]	2011-2015	MPC212 (Multifunction Camera)	5.00.16	Static	YES	TFC2	a; b; d
Mercedes	GLS [X166]	2016-2018	MPC212 (Multifunction Camera)	5.00.20	Static	YES	TFC2	a; b; d
Mercedes	GLS [X167]	2019-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.28.00	Static	YES	TFC2	a; b; d
Mercedes	M-Class [W166]	2012-2015	MPC212 (Multifunction Camera)	5.00.1	Static	YES	TFC2	a; b; d

Mercedes	S-Class [W221]	2010-2013	MPC212 (Multifunction Camera)	5.00.1	Static	YES	TFC2	a; b; d
Mercedes	S-Class [W222]	2018-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.00.22	Static	YES	TFC2	a; b; d
Mercedes	S-Class Coupé [C217] [2018-]	2018-2019	MMPC213 (Mono) / SMPC213 (Stereo) Multifunction Camera	5.27.00	Static	YES	TFC2	a; b; d
Mercedes	SL [R231]	2013-2018	MPC212 (Multifunction Camera)	5.00.1	Static	YES	TFC2	a; b; d
Mercedes	SLC [R172]	2016-2019	MPC212 (Multifunction Camera)	5.00.17	Static	YES	TFC2	a; b; d
Mercedes	SLK [R172]	2011-2015	MPC212 (Multifunction Camera)	5.00.1	Static	YES	TFC2	a; b; d
Mercedes	Sprinter [906]	2014-2018	MMPC906 (Multifunction Camera)	5.00.23	Static	YES	TFC2	a; b; d
Mercedes	V-Class [W447]	2014-2019	MMPC212 (Multifunction Camera)	5.00.23	Static	YES	TFC2	a; b; d
Mercedes	Vito [W447]	2015-2019	MMPC212 (Multifunction Camera)	5.00.23	Static	YES	TFC2	a; b; d
Mini	Clubman [F54]	2015-2019	KAFAS (Camera-based driver assistant system)	5.00.23	Dynamic	NO		a; b; c; d

Mini	Convertible [F57]	2014-2019	KAFAS (Camera-based driver assistant system)	5.00.23	Dynamic	NO		a; b; c; d
Mini	Countryman [F60]	2017-2019	KAFAS (Camera-based driver assistant system)	5.00.23	Dynamic	NO		a; b; c; d
Mini	Coupe/One [F55/56]	2014-2019	KAFAS (Camera-based driver assistant system)	5.00.23	Dynamic	NO		a; b; c; d
Mitsubishi	L200 V/Triton/Strada [15-]	2015-2017	Lane keep (Lane Keeping Assist)	5.00.22	Dynamic	NO		a; b; c; d
Mitsubishi	Outlander III [13-]	2013-2018	Lane keep (Lane Keeping Assist)	5.00.3	Dynamic	NO		a; b; c; d
Nissan	Leaf ZE1 [18-]	2018-2018	Lane Assist	5.00.24	Static	YES	TFC7-L, TFC7-R	a; b; d, e
Nissan	Micra K14 [17-]	2017-2018	Lane Assist	5.00.23	Static	YES	TFC7-L, TFC7-R	a; b; d, e
Nissan	Qashqai J11 [14-]	2014-2018	Lane Assist	5.00.17	Static	YES	TFC7-L, TFC7-R	a; b; d, e
Nissan	X-Trail T32 [14-]	2014-2018	Lane Assist	5.00.3	Static	YES	TFC7-L, TFC7-R	a; b; d, e
Opel	Ampera	2013-2015	HBSM/FCM	5.00.1	Dynamic	NO		a; b; c; d
Opel	Ampera E	2017-2019	FCM	5.00.23	Dynamic	NO		a; b; c; d

Opel	Astra J	2010-2016	HBSM/FCM	5.00.1	Dynamic	NO		a; b; c; d
Opel	Astra K	2016-2019	FCM	5.00.23	Dynamic	NO		a; b; c; d
Opel	Cascada	2013-2016	HBSM/FCM	5.00.1	Dynamic	NO		a; b; c; d
Opel	Corsa E	2015-2016	FCM	5.00.1	Dynamic	NO		a; b; c; d
Opel	Grandland	2017-2019	HBSM/FCM	5.28.00	Static	YES	TFC5	a; b; c; d; e; f
Opel	Insignia	2012-2016	HBSM/FCM	5.00.1	Dynamic	NO		a; b; c; d
Opel	Insignia B	2018-2019	FCM	5.00.24	Dynamic	NO		a; b; c; d
Opel	Karl Viva	2016-2017	FCM	5.00.20	Dynamic	NO		a; b; c; d
Opel	Mokka	2013-2016	HBSM/FCM	5.00.10	Dynamic	NO		a; b; c; d
Opel	Zafira C	2012-2016	HBSM/FCM	5.00.13	Dynamic	NO		a; b; c; d
Peugeot	3008 [17-]	2017-2019	Multifunction video camera (Lane assistant)	5.00.26	Static	YES	TFC4	a; b; d; e
Peugeot	3008 [17-]	2017-2019	Multifunction video camera (Lane assistant)	5.00.24	Dynamic	NO		a; b; d; e
Peugeot	308 [14-]	2014-2014	Multifunction video camera (Lane assistant)	5.00.22	Static	YES	TFC4	a; b; d; e
Peugeot	308 [14-]	2014-2014	Multifunction video camera (Lane assistant)	5.00.22	Dynamic	NO		a; b; d; e



Peugeot	308 [14-]	2015-2019	Multifunction video camera (Lane assistant)	5.00.23	Static	YES	TFC4	a; b; d; e
Peugeot	308 [14-]	2015-2019	Multifunction video camera (Lane assistant)	5.00.23	Dynamic	NO		a; b; d; e
Peugeot	5008 [17-]	2017-2019	Multifunction video camera (Lane assistant)	5.00.23	Static	YES	TFC4	a; b; d; e
Peugeot	5008 [17-]	2017-2019	Multifunction video camera (Lane assistant)	5.00.23	Dynamic	NO		a; b; d; e
Renault	Espace V	2015-2017	Front camera	5.00.23	Static	YES	TFC3	a; b; c; d; e
Renault	Kadjar	2015-2018	Front camera	5.00.24	Static	YES	TFC3	a; b; c; d; e
Renault	Koleos	2012-2015	Front camera	5.00.24	Static	YES	TFC3	a; b; c; d; e
Renault	Megane III	2012-2016	Front camera	5.00.24	Static	YES	TFC3	a; b; c; d; e
Renault	Megane IV	2016-2017	Front camera	5.00.23	Static	YES	TFC3	a; b; c; d; e
Renault	Scenic III	2012-2016	Front camera	5.00.24	Static	YES	TFC3	a; b; c; d; e
Renault	Scenic IV	2016-2017	Front camera	5.00.24	Static	YES	TFC3	a; b; c; d; e
Renault	Talisman	2016-2017	Front camera	5.00.23	Static	YES	TFC3	a; b; c; d; e
Renault	Twingo III	2014-2017	Front camera	5.00.24	Static	YES	TFC3	a; b; c; d; e
Seat	Ateca [16-]	2016-2017	Front Camera (A5)	5.00.19	Static	YES	TFC1	a; b; c; d; e; f

Seat	Leon III [13-]	2013-2019	Front Camera (A5)	5.00.13	Static	YES	TFC1	a; b; c; d, e; f
Škoda	Karoq	2018-2018	Front Camera (A5)	5.00.23	Static	YES	TFC1	a; b; c; d, e; f
Škoda	Kodiaq	2017-2019	Front Camera (A5)	5.27.00	Static	YES	TFC1	a; b; c; d, e; f
Škoda	Octavia III [13-]	2013-2019	Front Camera (A5)	5.00.13	Static	YES	TFC1	a; b; c; d, e; f
Škoda	Superb III	2016-2018	Front Camera (A5)	5.00.19	Static	YES	TFC1	a; b; c; d, e; f
Toyota	Auris [13-]	2013-2019	Front camera	5.28.00	Static	YES	TFC12	a; b; c; d, e; f
Toyota	Avensis [09-18]	2009-2018	Front camera	5.28.00	Static	YES	TFC12	a; b; c; d, e; f
Toyota	Aygo [14-]	2014-2019	Front camera	5.28.00	Static	YES	TFC12	a; b; c; d, e; f
Toyota	C-HR	2016-2019	Front camera	5.28.00	Static	YES	TFC11	a; b; c; d, e; f
Toyota	Corolla [12-18]	2012-2018	Front camera	5.28.00	Static	YES	TFC12	a; b; c; d, e; f
Toyota	Corolla [18-]	2018-2019	Front camera	5.28.00	Static	YES	TFC11	a; b; c; d, e; f
Toyota	Hilux [15-]	2015-2019	Front camera	5.28.00	Static	YES	TFC11	a; b; c; d, e; f
Toyota	Land Cruiser J150 [09-]	2009-2019	Front camera	5.28.00	Static	YES	TFC11	a; b; c; d, e; f
Toyota	Prius [09-15]	2009-2015	Front camera	5.28.00	Static	YES	TFC11	a; b; c; d, e; f
Toyota	Prius [15-]	2015-2019	Front camera	5.28.00	Static	YES	TFC11	a; b; c; d, e; f
Toyota	RAV 4 [12-18]	2012-2018	Front camera	5.28.00	Static	YES	TFC11	a; b; c; d, e; f

Toyota	RAV 4 [19-]	2019-2019	Front camera	5.28.00	Static	YES	TFC11	a; b; c; d; e; f
Toyota	Verso [09-18]	2009-2018	Front camera	5.28.00	Static	YES	TFC12	a; b; c; d; e; f
Toyota	Yaris [12-]	2012-2019	Front camera	5.28.00	Static	YES	TFC12	a; b; c; d; e; f
Vauxhall	Ampera	2013-2015	HBSM/FCM	5.00.19	Dynamic	NO		a; b; c; d
Vauxhall	Ampera E	2017-2019	FCM	5.00.23	Dynamic	NO		a; b; c; d
Vauxhall	Astra J	2010-2016	HBSM/FCM	5.00.19	Dynamic	NO		a; b; c; d
Vauxhall	Astra K	2016-2019	FCM	5.00.23	Dynamic	NO		a; b; c; d
Vauxhall	Cascada	2013-2016	HBSM/FCM	5.00.19	Dynamic	NO		a; b; c; d
Vauxhall	Corsa E	2015-2016	FCM	5.00.19	Dynamic	NO		a; b; c; d
Vauxhall	Grandland	2017-2019	HBSM/FCM	5.28.00	Static	YES	TFC5	a; b; c; d; e; f
Vauxhall	Insignia	2012-2016	HBSM/FCM	5.00.19	Dynamic	NO		a; b; c; d
Vauxhall	Insignia B	2018-2019	FCM	5.00.24	Dynamic	NO		a; b; c; d
Vauxhall	Karl Viva	2016-2017	FCM	5.00.20	Dynamic	NO		a; b; c; d
Vauxhall	Mokka	2013-2016	HBSM/FCM	5.00.19	Dynamic	NO		a; b; c; d
Vauxhall	Zafira C	2012-2016	HBSM/FCM	5.00.19	Dynamic	NO		a; b; c; d
Volkswagen	Arteon	2017-2018	Camera module, front	5.00.23	Static	YES	TFC1	a; b; c; d; e; f

Volkswagen	Caddy III [16-]	2016-2017	Camera module, front	5.00.24	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	Crafter II [17-]	2017-2018	Camera module, front	5.00.24	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	Golf VII	2013-2018	Front Camera (A5)	5.00.10	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	Passat VII [11-15]	2011-2015	Front Camera (A5)	5.00.10	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	Passat VIII [15-]	2015-2017	Front Camera (A5)	5.00.10	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	T6 Multivan [15-]	2015-2018	Camera module, front	5.00.24	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	T6 Transporter [15-]	2015-2018	Camera module, front	5.00.24	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	Tiguan [08-16]	2008-2016	Camera module, front	5.00.15	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	Tiguan [16-]	2016-2018	Front Camera (A5)	5.00.15	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	Touran [16-]	2016-2018	Camera module, front	5.00.22	Static	YES	TFC1	a; b; c; d, e; f
Volkswagen	T-Roc	2018-2018	Camera module, front	5.00.24	Static	YES	TFC1	a; b; c; d, e; f
Volvo	S60 [11-]	2011-2018	FSM (Forward Sensing Module)	5.00.10	Dynamic	NO		a; b; c; d
Volvo	S60 [19-]	2019-2019	ASDM (Active safety domain master)	5.27.00	Dynamic	NO		a; b; c; d
Volvo	S60 Cross Country	2016-2018	FSM (Forward Sensing Module)	5.00.17	Dynamic	NO		a; b; c; d

Volvo	S90 [17-]	2017-2019	ASDM (Active safety domain master)	5.00.22	Dynamic	NO		a; b; c; d
Volvo	V40 [13-]	2013-2018	FSM (Forward Sensing Module)	5.00.10	Dynamic	NO		a; b; c; d
Volvo	V60 [11-18]	2011-2018	FSM (Forward Sensing Module)	5.00.10	Dynamic	NO		a; b; c; d
Volvo	V60 [19-]	2019-2019	ASDM (Active safety domain master)	5.27.00	Dynamic	NO		a; b; c; d
Volvo	V60 Cross Country	2016-2018	FSM (Forward Sensing Module)	5.00.17	Dynamic	NO		a; b; c; d
Volvo	V60 Cross Country [16-18]	2016-2018	FSM (Forward Sensing Module)	5.00.17	Dynamic	NO		a; b; c; d
Volvo	V60 Cross Country [19-]	2019-2019	ASDM (Active safety domain master)	5.27.00	Dynamic	NO		a; b; c; d
Volvo	V70 [08-]	2008-2016	FSM (Forward Sensing Module)	5.00.10	Dynamic	NO		a; b; c; d
Volvo	V90 [17-]	2017-2019	ASDM (Active safety domain master)	5.00.22	Dynamic	NO		a; b; c; d
Volvo	V90 Cross Country	2017-2019	ASDM (Active safety domain master)	5.00.22	Dynamic	NO		a; b; c; d
Volvo	XC40	2018-2019	ASDM (Active safety domain master)	5.27.00	Dynamic	NO		a; b; c; d

Volvo	XC60	2009-2016	FSM (Forward Sensing Module)	5.00.10	Dynamic	NO		a; b; c; d
Volvo	XC60 [18-]	2018-2018	ASDM (Active safety domain master)	5.00.22	Dynamic	NO		a; b; c; d
Volvo	XC70 [08-]	2008-2016	FSM (Forward Sensing Module)	5.00.10	Dynamic	NO		a; b; c; d
Volvo	XC90 [16-]	2016-2019	ASDM (Active safety domain master)	5.00.22	Dynamic	NO		a; b; c; d

Legend:

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