



ALCAR HEAVY DUTY Sensor Applications 02/2025



Brand	Model	Type	Sensor from	Sensor till	Sensor Pt Nr	Producer	Info	ALCAR Sensor Heavy Duty Universal ¹⁾	ALCAR OE-Sensor OER-Sensor ²⁾	Relearn ³⁾ Automatic/Manual; OBDII; Stationary
ALEXANDER DENNIS	Enviro500	Bus	2015-01		176 1 2	BENDIX	Belted sensor	S8A301		S
ASPÖCK	Aspöck TPMS	Trailer	2023-10		70803110374	SCHRADER		S8A301		O
AXSCEND	TrailerMaster	Trailer	2020-01		70803110374	SCHRADER		S8A301		O
BENALU	iTPMS	Trailer	2023-10		181370000	LDL	Belted sensor	S8A301		S
BENDIX	SmarTire Gold Series	Truck & Trailer & Bus	2007-01	2018-08	201.0009	BENDIX	Belted sensor	S8A301		S
BENDIX	SmarTire Black Series	Truck & Trailer & Bus	2018-09		K141466	BENDIX	Belted sensor	S8A301		S
BERGER ECOTRAIL	TrailerConnect	Trailer	2023-10		1512948	TIRECHECK	Strap mounted	S8A301		S
BPW / IDEM	TireMonitor Hub	Truck & Trailer	2015-01		0303029	LDL	Belted sensor	S8A301		S
BPW / IDEM	TC Trailer Gateway	Truck & Trailer	2021-04		0303072	TIRECHECK	Strap mounted	S8A301		S
BPW / IDEM	TC Trailer Gateway	Truck & Trailer	2021-04		0303080	TIRECHECK	External Sensor	S8A301		S
BRIDGESTONE	IntelliTire	Truck & Trailer & Bus	2022-05		0303072	TIRECHECK	Strap mounted	S8A301		S
BRIDGESTONE	IntelliTire	Truck & Trailer & Bus	2022-05		0303080	TIRECHECK	External Sensor	S8A301		S
CARDI	Aberg Connect	Trailer	2023-01		181370000	LDL	Belted sensor	S8A301		S
CARNEHL	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
CHEREAU	TC Trailer Gateway	Trailer	2024-06		0303072	TIRECHECK	Strap mounted	S8A301		S
CONTINENTAL	ContiPressureCheck	Truck & Trailer & Bus	2012-10		S180142001	CONTINENTAL	Rubber Tire Sensor Container	S8A301		S
DAF	CF	Truck	2017-01		2120641	SCHRADER		S8A301	S8S102	O
DAF	LF	Truck	2017-01		2120641	SCHRADER		S8A301	S8S102	O
DAF	XB	Truck	2023-08		2120641	SCHRADER		S8A301	S8S102	O
DAF	XBC	Truck	2023-08		2120641	SCHRADER		S8A301	S8S102	O
DAF	XD	Truck	2022-09		2120641	SCHRADER		S8A301	S8S102	O
DAF	XDC	Truck	2023-04		2120641	SCHRADER		S8A301	S8S102	O
DAF	XF	Truck	2017-01		2120641	SCHRADER		S8A301	S8S102	O
DAF	XFC	Truck	2023-04		2120641	SCHRADER		S8A301	S8S102	O
DAF	XG	Truck	2021-06		2120641	SCHRADER		S8A301	S8S102	O
DAF	XG+	Truck	2021-06		2120641	SCHRADER		S8A301	S8S102	O
D-TEC	iTPMS	Trailer	2024-07		181370000	LDL	Belted sensor	S8A301		S
DOLL	DOLL connect	Trailer	2024-01		030878	TIRECHECK	Strap mounted	S8A301		S
EBUSCO	Ebusco 2.2	Bus	2018-09		K141466	BENDIX	Belted sensor	S8A301		S
EBUSCO	Ebusco 3.0	Bus	2018-09		K141466	BENDIX	Belted sensor	S8A301		S
EUROMASTER	MasterCARE	Truck & Trailer	2021-01		EQX01251	LDL	Belted sensor	S8A301		S
FELDBINDER	Internal Strap Sensor	Trailer	2024-04		030878	TIRECHECK	Strap mounted	S8A301		S
FINKL	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
FORD	Cargo	Truck	2017-01		JC46-1A180-AA	SCHRADER		S8A301		O
FORD	F-Max	Truck	2018-11	2024-03	JC46-1A180-AA	SCHRADER		S8A301		S



1) Programming required, please use suitable tool

2) No programming required

3) It is strongly recommended to clone the initial sensors whenever possible to avoid the relearn process



ALCAR HEAVY DUTY Sensor Applications 02/2025



Brand	Model	Type	Sensor from	Sensor till	Sensor Pt Nr	Producer	Info	ALCAR Sensor Heavy Duty Universal ¹⁾	ALCAR OE-Sensor OER-Sensor ²⁾	Relearn ³⁾ Automatic/Manual; OBDII; Stationary
FORD	F-Max	Truck	2024-04		RC46-1A180-AA	LDL	Belted sensor	S8A301		S
FORD	F-Line	Truck	2024-04		RC46-1A180-AA	LDL	Belted sensor	S8A301		S
FROTCOM	ContiPressureCheck	Truck & Trailer & Bus	2023-03		S180142001	CONTINENTAL	Rubber Tire Sensor Container	S8A301		S
FRUEHAUF	Effitrailer	Trailer	2018-01		9824343	LDL	Belted sensor	S8A301		S
FRUEHAUF	Traileromatics	Trailer	2021-01		EQX01251	LDL	Belted sensor	S8A301		S
FRUEHAUF	Aberg Connect	Trailer	2023-01		181370000	LDL	Belted sensor	S8A301		S
FUSO / MITSUBISHI	e-Canter / Canter	Truck	2017-10	2023-12	A 010 542 99 18	SCHRADER		S8A301	S8S100	O
FUSO / MITSUBISHI	e-Canter / Canter	Truck	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
GOLDHOFER	Internal Strap Sensor	Trailer	2024-04		030878	TIRECHECK	Strap mounted	S8A301		S
GOODYEAR	Proactive Solution	Truck & Trailer	2010-01		181370000	LDL	Belted sensor	S8A301		S
GOODYEAR	TX-Trailerpulse	Truck & Trailer	2021-07		030998	TIRECHECK	Strap mounted	S8A301		S
GUILLÉN	Aberg Connect	Trailer	2023-01		181370000	LDL	Belted sensor	S8A301		S
HALDEX	TPMS	Trailer	2010-01	2022-12	042727209	LDL	Belted sensor	S8A301		S
HALDEX	TPMS 2.0	Trailer	2023-01		042727219	LDL	Belted sensor	S8A301		S
HEULIEZ	GX 337	Bus	2024-01		5803039183	SCHRADER		S8A301		O
HEULIEZ	GX 437	Bus	2024-01		5803039183	SCHRADER		S8A301		O
HUMBAUR	Aspöck TPMS	Trailer	2023-10		70803110374	SCHRADER		S8A301		O
IRIZAR	i3	Bus	2016-01	2018-12	884 732 000 0	WABCO	IVTM WIS	S8A301		S
IRIZAR	i3	Bus	2019-01		960 733 000 0	WABCO	Strap mounted	S8A301		S
IRIZAR	i4	Bus	2016-01	2018-12	884 732 000 0	WABCO	IVTM WIS	S8A301		S
IRIZAR	i4	Bus	2019-01		960 733 000 0	WABCO	Strap mounted	S8A301		S
IRIZAR	i6	Bus	2016-01	2018-12	884 732 000 0	WABCO	IVTM WIS	S8A301		S
IRIZAR	i6	Bus	2019-01		960 733 000 0	WABCO	Strap mounted	S8A301		S
IRIZAR	i8	Bus	2016-01	2018-12	884 732 000 0	WABCO	IVTM WIS	S8A301		S
IRIZAR	i8	Bus	2019-01		960 733 000 0	WABCO	Strap mounted	S8A301		S
IRIZAR	ie Bus	Bus	2019-09		960 733 000 0	WABCO	Strap mounted	S8A301		S
IRIZAR	ie EV	Bus	2016-01	2018-12	884 732 000 0	WABCO	IVTM WIS	S8A301		S
IRIZAR	ie EV	Bus	2019-01		960 733 000 0	WABCO	Strap mounted	S8A301		S
IRIZAR	ie Tram	Bus	2019-09		960 733 000 0	WABCO	Strap mounted	S8A301		S
IRIZAR	ie Truck	Truck	2019-03		960 733 000 0	WABCO	Strap mounted	S8A301		S
IVECO	Crossway	Bus	2021-01	2023-12	5802458202	SCHRADER		S8A301		O
IVECO	Crossway	Bus	2024-01		5803039183	SCHRADER		S8A301		A/M
IVECO	E-Way	Bus	2023-01	2023-12	5802458202	SCHRADER		S8A301		O
IVECO	E-Way	Bus	2024-01		5803039183	SCHRADER		S8A301		A/M
IVECO	EuroCargo	Truck	2016-01	2017-05	960 731 000 0 (2.2)	WABCO	Wabco WM 2.2	i.p.		S



1) Programming required, please use suitable tool

2) No programming required

3) It is strongly recommended to clone the initial sensors whenever possible to avoid the relearn process



ALCAR HEAVY DUTY Sensor Applications 02/2025



Brand	Model	Type	Sensor from	Sensor till	Sensor Pt Nr	Producer	Info	ALCAR Sensor Heavy Duty Universal ¹⁾	ALCAR OE-Sensor OER-Sensor ²⁾	Relearn ³⁾ Automatic/Manual; OBDII; Stationary
IVECO	EuroCargo	Truck	2017-06	2019-06	960 731 000 0 (2.4)	WABCO	Wabco WM 2.4	S8A301		S
IVECO	EuroCargo	Truck	2017-01	2019-06	960 732 000 0	WABCO	IVTM WIS	S8A301		S
IVECO	EuroCargo	Truck	2019-07	2023-12	5802458202	SCHRADER		S8A301		O
IVECO	EuroCargo	Truck	2024-01		5803039183	SCHRADER		S8A301		A/M
IVECO	Evadys	Bus	2017-06	2019-06	960 731 000 0 (2.4)	WABCO	Wabco WM 2.4	S8A301		S
IVECO	Evadys	Bus	2019-07	2023-12	5802458202	SCHRADER		S8A301		O
IVECO	Evadys	Bus	2024-01		5803039183	SCHRADER		S8A301		A/M
IVECO	Stratis	Truck	2016-01	2017-05	960 731 000 0 (2.2)	WABCO	Wabco WM 2.2	i.p.		S
IVECO	Stratis	Truck	2017-06	2019-06	960 731 000 0 (2.4)	WABCO	Wabco WM 2.4	S8A301		S
IVECO	Stratis	Truck	2017-01	2019-06	960 732 000 0	WABCO	IVTM WIS	S8A301		S
IVECO	S-Way	Truck	2019-07	2023-12	5802458202	SCHRADER		S8A301		O
IVECO	S-Way	Truck	2024-01		5803039183	SCHRADER		S8A301		A/M
IVECO	Streetway	Bus	2024-01		5803039183	SCHRADER		S8A301		A/M
IVECO	T-Way	Truck	2021-04	2023-12	5802458202	SCHRADER		S8A301		O
IVECO	T-Way	Truck	2024-01		5803039183	SCHRADER		S8A301		A/M
IVECO	Urbanway	Bus	2024-01		5803039183	SCHRADER		S8A301		A/M
IVECO	X-Way	Truck	2019-07	2023-12	5802458202	SCHRADER		S8A301		O
IVECO	X-Way	Truck	2024-01		5803039183	SCHRADER		S8A301		A/M
KÄSSBOHRER	TX-TrailerGuard	Trailer	2017-06	2023-12	GT142990	WABCO	Wabco WM 2.4	S8A301		S
KÄSSBOHRER	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
KNAPEN-TRAILERS	OptiTire SMS Grey	Trailer	2023-12		960 733 001 0	WABCO	Strap mounted	S8A301		S
KNORR-BREMSE	SmarTire Gold Series	Truck & Trailer & Bus	2015-01	2018-08	K141468	BENDIX	Belted sensor	S8A301		S
KNORR-BREMSE	SmarTire Black Series	Truck & Trailer & Bus	2018-09		K141466	BENDIX	Belted sensor	S8A301		S
KNORR-BREMSE	iTPMS	Truck & Trailer & Bus	2023-10		181370000	LDL	Belted sensor	S8A301		S
KÖGEL	OptiTire WM2.4	Trailer	2018-01	2023-12	6502918	WABCO	Wabco WM 2.4	S8A301		S
KÖGEL	Kögel Telematics	Trailer	2021-06		0303072	TIRECHECK	Strap mounted	S8A301		S
KOLUMAN	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
KOLUMAN	TPMS 2.0	Trailer	2024-01		042727219	LDL	Belted sensor	S8A301		S
KRAKER	iTPMS	Trailer	2024-07		181370000	LDL	Belted sensor	S8A301		S
KRONE	OptiTire WM2.2	Truck	2016-01	2017-05	960 731 000 0 (2.2)	WABCO	Wabco WM 2.2	i.p.		S
KRONE	OptiTire WM2.4	Trailer	2017-06	2020-12	515014613	WABCO	Wabco WM 2.4	S8A301		S
KRONE	Smart Tyre Monitoring	Trailer	2021-01	2024-03	515113918	SCHRADER		S8A301		S
KRONE	Krone Smart Collect	Trailer	2024-02		516007694	TIRECHECK	Strap mounted	S8A301		S
LAMBRECHT	Internal Strap Sensor	Trailer	2024-04		030878	TIRECHECK	Strap mounted	S8A301		S
LAMBERET	TrailerMatics	Trailer	2015-01		EQX01251	LDL	Belted sensor	S8A301		S



1) Programming required, please use suitable tool

2) No programming required

3) It is strongly recommended to clone the initial sensors whenever possible to avoid the relearn process



ALCAR HEAVY DUTY Sensor Applications

02/2025



Brand	Model	Type	Sensor from	Sensor till	Sensor Pt Nr	Producer	Info	ALCAR Sensor Heavy Duty Universal ¹⁾	ALCAR OE-Sensor OER-Sensor ²⁾	Relearn ³⁾ Automatic/Manual; OBDII; Stationary
LANGENDORF	Aberg Connect	Trailer	2023-01		181370000	LDL	Belted sensor	S8A301		S
LAWRENCE DAVID	Aberg Connect	Trailer	2023-01		181370000	LDL	Belted sensor	S8A301		S
LDL / LID	Telematics	Truck & Trailer	2010-01		141270000	LDL	Belted sensor	S8A301		S
LEYLAND TRUCKS	CF	Truck	2017-01		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	LF	Truck	2017-01		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	XB	Truck	2023-08		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	XBC	Truck	2023-08		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	XD	Truck	2022-09		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	XDC	Truck	2023-04		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	XF	Truck	2017-01		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	XFC	Truck	2023-04		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	XG	Truck	2021-06		2120641	SCHRADER		S8A301	S8S102	O
LEYLAND TRUCKS	XG+	Truck	2021-06		2120641	SCHRADER		S8A301	S8S102	O
MAGYAR	OptiTire SMS Grey	Trailer	2023-12		960 733 001 0	WABCO	Strap mounted	S8A301		S
MAN	Lion's City / Electric	Bus	2017-01	2023-12	81.27421-02xx	WABCO	IVTM WIS	S8A301		S
MAN	Lion's City / Electric	Bus	2017-01	2023-12	960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
MAN	Lion's City / Electric	Bus	2024-01		81.27421-0320	SCHRADER		S8A301	S8S117	A/M
MAN	Lion's Coach	Bus	2017-01	2023-12	81.27421-02xx	WABCO	IVTM WIS	S8A301		S
MAN	Lion's Coach	Bus	2017-01	2023-12	960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
MAN	Lion's Coach	Bus	2024-01		81.27421-0320	SCHRADER		S8A301	S8S117	A/M
MAN	Lion's Intercity	Bus	2017-01	2023-12	81.27421-02xx	WABCO	IVTM WIS	S8A301		S
MAN	Lion's Intercity	Bus	2017-01	2023-12	960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
MAN	Lion's Intercity	Bus	2024-01		81.27421-0320	SCHRADER		S8A301	S8S117	A/M
MAN	TGL	Truck	2021-01		23615827	SCHRADER		S8A301	S8S117	A/M
MAN	TGM	Truck	2021-01		23615827	SCHRADER		S8A301	S8S117	A/M
MAN	TGS	Truck	2017-01	2021-12	81.27421-02xx	WABCO	IVTM WIS	S8A301		S
MAN	TGS	Truck	2017-01	2021-12	960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
MAN	TGS	Truck	2022-01		23615827	SCHRADER		S8A301	S8S117	A/M
MAN	TGX	Truck	2017-01	2021-12	81.27421-02xx	WABCO	IVTM WIS	S8A301		S
MAN	TGX	Truck	2017-01	2021-12	960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
MAN	TGX	Truck	2022-01		23615827	SCHRADER		S8A301	S8S117	A/M
MERCEDES-BENZ	Actros	Truck	2011-07	2016-09	A 011 542 17 18	HUF		S8A301	S8H101	A/M
MERCEDES-BENZ	Actros	Truck	2016-10	2023-12	A 012 542 54 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ	Actros	Truck	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ	Antos	Truck	2012-09	2016-09	A 011 542 17 18	HUF		S8A301	S8H101	A/M



1) Programming required, please use suitable tool

2) No programming required

3) It is strongly recommended to clone the initial sensors whenever possible to avoid the relearn process



ALCAR HEAVY DUTY Sensor Applications

02/2025



Brand	Model	Type	Sensor from	Sensor till	Sensor Pt Nr	Producer	Info	ALCAR Sensor Heavy Duty Universal ¹⁾	ALCAR OE-Sensor OER-Sensor ²⁾	Relearn ³⁾ Automatic/Manual; OBDII; Stationary
MERCEDES-BENZ	Antos	Truck	2016-10	2018-12	A 012 542 54 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ	Arocs	Truck	2012-10	2016-09	A 011 542 17 18	HUF		S8A301	S8H101	A/M
MERCEDES-BENZ	Arocs	Truck	2016-10	2023-12	A 012 542 54 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ	Arocs	Truck	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ	Atego	Truck	2013-04	2016-09	A 011 542 17 18	HUF		S8A301	S8H101	A/M
MERCEDES-BENZ	Atego	Truck	2016-10	2023-12	A 012 542 54 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ	Atego	Truck	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ	Econic	Truck	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ	Unimog	Truck	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	Capacity	Bus	2018-01	2023-12	A 008 542 15 18	HUF		S8A301	S8H101	A/M
MERCEDES-BENZ (EVOBUS)	Capacity	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	Citaro	Bus	2018-06	2023-12	A 000 446 18 37	HUF		S8A301	S8H101	A/M
MERCEDES-BENZ (EVOBUS)	Citaro	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	eCitaro	Bus	2018-09	2023-12	A 012 542 54 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	eCitaro	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	Conecto	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	Intouro	Bus	2019-01	2023-12	A 008 542 15 18	HUF		S8A301	S8H101	A/M
MERCEDES-BENZ (EVOBUS)	Intouro	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	OC 500 Chassis	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	Tourismo	Bus	2018-01	2023-12	A 008 542 15 18	HUF		S8A301	S8H101	A/M
MERCEDES-BENZ (EVOBUS)	Tourismo	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
MERCEDES-BENZ (EVOBUS)	Travego	Bus	2017-01	2018-12	A 008 542 15 18	HUF		S8A301	S8H101	A/M
MICHELIN	Effitrailer	Trailer	2010-01	2023-04	9824343	LDL	Belted sensor	S8A301		S
MICHELIN	Trailer Premium	Trailer	2023-05		181370000	LDL	Belted sensor	S8A301		S
NEOPLAN	Cityliner	Bus	2017-01		81.27421-02xx	WABCO	IVTM WIS	S8A301		S
NEOPLAN	Cityliner	Bus	2017-01		960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
NEOPLAN	Cityliner	Bus	2024-01		81.27421-0320	SCHRADER		S8A301	S8S117	A/M
NEOPLAN	Skyliner / Express	Bus	2017-01		81.27421-02xx	WABCO	IVTM WIS	S8A301		S
NEOPLAN	Skyliner / Express	Bus	2017-01		960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
NEOPLAN	Skyliner / Express	Bus	2024-01		81.27421-0320	SCHRADER		S8A301	S8S117	A/M
NEOPLAN	Tourliner	Bus	2017-01		81.27421-02xx	WABCO	IVTM WIS	S8A301		S
NEOPLAN	Tourliner	Bus	2017-01		960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
NEOPLAN	Tourliner	Bus	2024-01		81.27421-0320	SCHRADER		S8A301	S8S117	A/M
NIKOLA	TRE	Truck	2022-03	2023-12	5802458202	SCHRADER		S8A301		O
NIKOLA	TRE	Truck	2024-01		5803039183	SCHRADER		S8A301		A/M



1) Programming required, please use suitable tool

2) No programming required

3) It is strongly recommended to clone the initial sensors whenever possible to avoid the relearn process



ALCAR HEAVY DUTY Sensor Applications 02/2025



Brand	Model	Type	Sensor from	Sensor till	Sensor Pt Nr	Producer	Info	ALCAR Sensor Heavy Duty Universal ¹⁾	ALCAR OE-Sensor OER-Sensor ²⁾	Relearn ³⁾ Automatic/Manual; OBDII; Stationary
NOVACOM	Traileromatics	Truck & Trailer	2010-01		EQX01251	LDL	Belted sensor	S8A301		S
NURSAN	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
RENAULT TRUCKS	C-Series	Truck	2023-11		24173845	SCHRADER		S8A301	S8S119	O
RENAULT TRUCKS	D-Series	Truck	2023-11		24173845	SCHRADER		S8A301	S8S119	O
RENAULT TRUCKS	K-Series	Truck	2023-11		24173845	SCHRADER		S8A301	S8S119	O
RENAULT TRUCKS	T-Series	Truck	2023-11		24173845	SCHRADER		S8A301	S8S119	O
SAF HOLLAND	SAF TrailerMaster	Trailer	2020-01		70803110374	SCHRADER		S8A301		O
SAF HOLLAND	Haldex TPMS 2.0	Trailer	2023-01		042727219	LDL	Belted sensor	S8A301		S
SCANIA	Citywide BEV	Bus	2024-01		2893726	SCHRADER		S8A301	S8S107	A/M
SCANIA	Citywide LE/LF	Bus	2024-01		2893726	SCHRADER		S8A301	S8S107	A/M
SCANIA	G-Series	Truck	2016-01	2017-05	960 731 000 0 (2.2)	WABCO	Wabco WM 2.2	i.p.		S
SCANIA	G-Series	Truck	2017-06	2022-06	2089697	WABCO	Wabco WM 2.4	S8A301		S
SCANIA	G-Series	Truck	2022-08		2893726	SCHRADER		S8A301	S8S107	A/M
SCANIA	L-Series	Truck	2016-01	2017-05	960 731 000 0 (2.2)	WABCO	Wabco WM 2.2	i.p.		S
SCANIA	L-Series	Truck	2017-06	2022-06	2089697	WABCO	Wabco WM 2.4	S8A301		S
SCANIA	L-Series	Truck	2022-08		2893726	SCHRADER		S8A301	S8S107	A/M
SCANIA	P-Series	Truck	2016-01	2017-05	960 731 000 0 (2.2)	WABCO	Wabco WM 2.2	i.p.		S
SCANIA	P-Series	Truck	2017-06	2022-06	2089697	WABCO	Wabco WM 2.4	S8A301		S
SCANIA	P-Series	Truck	2022-08		2893726	SCHRADER		S8A301	S8S107	A/M
SCANIA	R-Series	Truck	2016-01	2017-05	960 731 000 0 (2.2)	WABCO	Wabco WM 2.2	i.p.		S
SCANIA	R-Series	Truck	2017-06	2022-06	2089697	WABCO	Wabco WM 2.4	S8A301		S
SCANIA	R-Series	Truck	2022-08		2893726	SCHRADER		S8A301	S8S107	A/M
SCANIA	S-Series	Truck	2016-01	2017-05	960 731 000 0 (2.2)	WABCO	Wabco WM 2.2	i.p.		S
SCANIA	S-Series	Truck	2017-06	2022-06	2089697	WABCO	Wabco WM 2.4	S8A301		S
SCANIA	S-Series	Truck	2022-08		2893726	SCHRADER		S8A301	S8S107	A/M
SCANIA	Touring	Bus	2024-01		2893726	SCHRADER		S8A301	S8S107	A/M
SCHMITZ CARGOBULL	OptiTire WM2.4	Trailer	2017-06	2023-12	6502918	WABCO	Wabco WM 2.4	S8A301		S
SCHMITZ CARGOBULL	TrailerConnect	Trailer	2019-01		1512948	TIRECHECK	Strap mounted	S8A301		S
SCHWARZMÜLLER	OptiTire WM2.4	Trailer	2017-06	2023-12	6502918	WABCO	Wabco WM 2.4	S8A301		S
SCHWARZMÜLLER	SWIT	Trailer	2021-04		0303072	TIRECHECK	Strap mounted	S8A301		S
SDC	TrustTrack	Trailer	2023-11		70803110374	SCHRADER		S8A301		S
SETRA	S 400 MultiClass	Bus	2015-01	2023-08	A 008 542 15 18	HUF		S8A301	S8H101	A/M
SETRA	S 400 TopClass	Bus	2015-01	2017-07	A 008 542 15 18	HUF		S8A301	S8H101	A/M
SETRA	S 500 MultiClass	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
SETRA	S 500 ComfortClass	Bus	2015-01	2023-12	A 008 542 15 18	HUF		S8A301	S8H101	A/M



1) Programming required, please use suitable tool

2) No programming required

3) It is strongly recommended to clone the initial sensors whenever possible to avoid the relearn process



ALCAR HEAVY DUTY Sensor Applications

02/2025



Brand	Model	Type	Sensor from	Sensor till	Sensor Pt Nr	Producer	Info	ALCAR Sensor Heavy Duty Universal ¹⁾	ALCAR OE-Sensor OER-Sensor ²⁾	Relearn ³⁾ Automatic/Manual; OBDII; Stationary
SETRA	S 500 ComfortClass	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
SETRA	S 500 TopClass	Bus	2015-01	2023-12	A 008 542 15 18	HUF		S8A301	S8H101	A/M
SETRA	S 500 TopClass	Bus	2024-01		A 012 542 63 18	SCHRADER		S8A301	S8S100	A/M
SOLARIS	Trollino	Bus	2016-01	2023-12	S180142001	CONTINENTAL	Rubber Tire Sensor Container	S8A301		S
SOLARIS	Trollino	Bus	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
SOLARIS	Urbino	Bus	2016-01	2023-12	S180142001	CONTINENTAL	Rubber Tire Sensor Container	S8A301		S
SOLARIS	Urbino	Bus	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
TALSON	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
TIGER TRAILERS	OptiTire SMS Grey	Trailer	2023-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
TIGER TRAILERS	Aspöck TPMS	Trailer	2023-01		70803110374	SCHRADER		S8A301		O
TIRECHECK	External Sensor	Truck & Trailer & Bus	2017-01		030839	TIRECHECK	External Sensor	S8A301		S
TIRECHECK	Internal Magnet Sensor	Truck & Trailer & Bus	2017-01		030936	TIRECHECK	Magnet mounted	S8A301		S
TIRECHECK	Internal Strap Sensor	Truck & Trailer & Bus	2017-01		030878	TIRECHECK	Strap mounted	S8A301		S
TIRECHECK	Valve Mounted Sensor	Truck & Trailer & Bus	2017-01		030206	TIRECHECK	Valve mounted	S8A301		S
TIRSAN	Tirsan Telematik	Trailer	2017-06	2023-12	21151199026	WABCO	Wabco WM 2.4	S8A301		S
TIRSAN	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
VAN ECK	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
VAN HOOL	A-Series	Bus	2015-01		11338367	LDL	Belted sensor	S8A301		S
VAN HOOL	CX-Series	Bus	2015-01		11338367	LDL	Belted sensor	S8A301		S
VAN HOOL	EX-Series	Bus	2015-01		11338367	LDL	Belted sensor	S8A301		S
VAN HOOL	TDX-Series	Bus	2015-01		11338367	LDL	Belted sensor	S8A301		S
VAN HOOL	TX-Series	Bus	2015-01		11338367	LDL	Belted sensor	S8A301		S
VAN HOOL	Trailer TPMS	Trailer	2015-01		11338367	LDL	Belted sensor	S8A301		S
VANGUARDER	TrustTrack	Truck & Trailer	2020-01		70803110374	SCHRADER		S8A301		S
VIBERTI	Aberg Connect	Trailer	2023-01		181370000	LDL	Belted sensor	S8A301		S
VOLTA TRUCKS	Zero	Truck	2022-12		P1007318-AA	HUF		S8A301	S8H101	A/M
VOLVO TRUCKS	Volvo FE II	Truck	2023-06		24173844	SCHRADER		S8A301	S8S119	S
VOLVO TRUCKS	Volvo FH III	Truck	2023-06		24173844	SCHRADER		S8A301	S8S119	S
VOLVO TRUCKS	Volvo FH16 III	Truck	2023-06		24173844	SCHRADER		S8A301	S8S119	S
VOLVO TRUCKS	Volvo FL III	Truck	2023-06		24173844	SCHRADER		S8A301	S8S119	S
VOLVO TRUCKS	Volvo FM III	Truck	2023-06		24173844	SCHRADER		S8A301	S8S119	S
VOLVO TRUCKS	Volvo FMX III	Truck	2023-06		24173844	SCHRADER		S8A301	S8S119	S
WABCO	IVTM WM 2.2	Truck & Trailer & Bus	2014-01	2017-05	960 731 000 0 (2.2)	WABCO	External Sensor	i.p.		S
WABCO	OptiTire WM 2.4	Truck & Trailer & Bus	2017-06		960 731 000 0 (2.4)	WABCO	External Sensor	S8A301		S
WABCO	OptiTire WIS	Truck & Trailer & Bus	2017-01		960 732 000 0	WABCO	Valve mounted	S8A301		S



1) Programming required, please use suitable tool

2) No programming required

3) It is strongly recommended to clone the initial sensors whenever possible to avoid the relearn process



ALCAR HEAVY DUTY Sensor Applications

02/2025



Brand	Model	Type	Sensor from	Sensor till	Sensor Pt Nr	Producer	Info	ALCAR Sensor Heavy Duty Universal ¹⁾	ALCAR OE-Sensor OER-Sensor ²⁾	Relearn ³⁾ Automatic/Manuel; OBDII; Stationary
WABCO	OptiTire SMS Blue	Truck & Trailer & Bus	2019-01		960 733 000 0	WABCO	Strap mounted	S8A301		S
WABCO	OptiTire SMS Grey	Truck & Trailer & Bus	2019-01		960 733 001 0	WABCO	Strap mounted	S8A301		S
WECON	Internal Strap Sensor	Trailer	2024-04		030878	TIRECHECK	Strap mounted	S8A301		S
WEKA	iTPMS	Trailer	2023-10		181370000	LDL	Belted sensor	S8A301		S
WIELTON	TX-Trailerpulse	Trailer	2020-01	2022-12	960 731 000 0 (2.4)	WABCO	Wabco WM 2.4	S8A301		S
WIELTON	Aberg Connect	Trailer	2023-01		181370000	LDL	Belted sensor	S8A301		S
ZF	OptiTire SMS Grey	Trailer	2024-01		960 733 001 0	WABCO	Strap mounted	S8A301		S



1) Programming required, please use suitable tool

2) No programming required

3) It is strongly recommended to clone the initial sensors whenever possible to avoid the relearn process