



Vehicle
Certification
Agency



e11

Conformity of Production Compliance Statement

VCA as the Type Approval Authority for the United Kingdom has conducted an assessment of the quality systems and the relevant control plans in order to verify Compliance with Schedule 1 of Revision 3 of the E/ECE/TRANS/505 Agreement done at Geneva on 20 March 1958. The assessment was conducted in accordance with the requirements of this Regulation.

This Compliance Statement is issued to:

**Lodar Limited
60 Sandwell Street
Walsall
WS1 3EB**

Component Range: Manufacture of Radio Transmitter / Receivers

Areas assessed: See Annex

Registration Number: VCT420035

Date of issue: 11th April 2018

Date of expiry: 19th July 2021

Signed for and on behalf of VCA

By authority of the Chief Executive

Planned date of monitoring visit:- 3 months prior to expiry

Please Note: There may be additional surveillance visits carried out during the validation period

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Annex

Assembly Plants:

Lodar Limited
12-13 Windmill Street
Walsall
WS1 3EE

Areas assessed:

Schedule 1 of Revision 3 of the E/ECE/TRANS/505 1958

Documents examined:

Quality Documents, procedures and control plans

Vehicle Categories (if applicable):

N/A

Other Member State approvals checked at time of audit:

None

List of legislation covered by this compliance statement

Item	Subject	Dir (EC)	Reg (EU)	Reg (ECE)	Installation	Component
0	EC Type Approval (EWWTA)	2007 / 46			No	
0	EC Type Approval of Small Series (KS)	2007 / 46			No	
0	National Small Series Type Approval (NKS)	SI 2009 No. 717			No	
0	N1 Enhancement Scheme	2007 / 46			No	
0	N2 Enhancement Scheme	2007 / 46			No	
1	Permissible sound level	70/157			No	
1A	Sound level		540/2014	51	No	
2A	Emissions (Euro 5 and 6) light-duty vehicles/access to information		715/2007		No	
3	Fuel tanks/rear protective devices	70/ 221			No	No
3A	Prevention of fire risks (liquid fuel tanks)		661/2009	34	No	No
3B	Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)		661/2009	58	No	No
4	Rear registration plate space	70/222			No	
4A	Space for mounting and fixing rear registration plates		661/2009 1003/2010		No	
5	Steering effort	70/311			No	
5A	Steering equipment		661/2009	79	No	
6	Door latches and hinges	70/387			No	
6A	Vehicle access and manoeuvrability (steps, running boards and handholds)		661/2009 130/2012		No	
6B	Door latches and door retention components		661/2009	11	No	
7	Audible warning Directive	70/388			No	No
7A	Audible warning devices and signals		661/2009	28	No	No
8	Indirect vision devices	2003/97			No	No
8A	Devices for indirect vision and their installation		661/2009	46	No	No
9	Braking	71/320			No	
9A	Braking of vehicles and trailers		661/2009	13	No	
9B	Braking of passenger cars		661/2009	13-H	No	
10	Radio interference (electromagnetic compatibility)	72/245			No	No
10A	Electromagnetic compatibility		661/2009	10	No	Yes
11	Diesel Smoke	72/306		24	No	
12	Interior fittings	74/60			No	
12A	Interior fittings		661/2009	21	No	
13	Anti-theft and immobiliser	74/61			No	No
13A	Protection of motor vehicles against unauthorised use		661/2009	18	No	
13B	Protection of motor vehicles against unauthorised use		661/2009	116	No	No

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Item	Subject	Dir (EC)	Reg (EU)	Reg (ECE)	Installation	Component
14	Protective steering	74/297			No	
14A	Protection of the driver against the steering mechanism in the event of impact		661/2009	12	No	
15	Seat strength	74/408			No	No
15A	Seats, their anchorages and any head restraints		661/2009	17	No	
15B	Seats of large passenger vehicles		661/2009	80	No	No
16	Exterior projections	74/483			No	No
16A	External projections		661/2009	26	No	No
17	Speedometer and reverse gear	75/443			No	
17A	Vehicle access and manoeuvrability (reverse gear)		661/2009 130/2012		No	
17B	Speedometer equipment including its installation		661/2009	39	No	No
18	Statutory Plates	76/114			No	
18A	Manufacturer's statutory plate and vehicle identification number		661/2009 19/2011		No	
19	Seat-belt anchorages	76/115			No	
19A	Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages		661/2009	14	No	
20	Installation of lighting and light signalling devices	76/756			No	
20A	Installation of lighting and light-signalling devices on vehicles		661/2009	48	No	
21	Retro reflectors	76/757				No
21A	Retro-reflecting devices for power-driven vehicles and their trailers Regulation		661/2009	3		No
22	End-outline, front-position (side), rear-position (side), stop, side marker, daytime running lamps	76/758				No
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers		661/2009	7		No
22B	Daytime running lamps for power-driven vehicles Regulation		661/2009	87		No
22C	Side-marker lamps for motor vehicles and their trailers		661/2009	91		No
23	Direction indicators	76/759				No
23A	Direction indicators for power-driven vehicles and their trailers		661/2009	6		No
24	Rear registration plate lamps	76/760				No
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers		661/2009	4		No
25	Headlamps (including bulbs)	76/761				No
25A	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both		661/2009	31		No

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25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers		661/2009	37		No
25C	Motor vehicle headlamps equipped with gas-discharge light sources		661/2009	98		No
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles		661/2009	99		No
25E	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules		661/2009	112		No
25F	Adaptive front-lighting systems (AFS) for motor vehicles		661/2009	123		No
26	Front fog lamps	76/762				No
26A	Power-driven vehicle front fog lamps		661/2009	19		No
27	Towing hooks	77/389			No	
27A	Towing device		661/2009 1005/2010		No	
28	Rear fog lamps	77/538			No	No
28A	Rear fog lamps for power-driven vehicles and their trailers		661/2009	38	No	No
29	Reversing lamps	77/539			No	No
29A	Reversing lights for power-driven vehicles and their trailers		661/2009	23	No	No
30	Parking lamps	77/540			No	No
30A	Parking lamps for power-driven vehicles		661/2009	77	No	No
31	Seat-belts and restraint systems	77/541			No	No
31A	Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems		661/2009	16	No	No
32	Forward vision	77/649			No	
32A	Forward field of vision		661/2009	125	No	
33	Identification of controls, telltales and indicators	78/316			No	
33A	Location and identification of hand controls, tell-tales and indicators		661/2009	121	No	
34	Defrost/demist	78/317			No	
34A	Windscreen defrosting and demisting systems		661/2009 672/2010		No	
35	Wash/wipe	78/318			No	
35A	Windscreen wiper and washer systems		661/2009 1008/2010		No	
36	Heating systems	2001/56			No	No
36A	Heating systems		661/2009	122	No	No
37	Wheel guards	78/549			No	
37A	Wheel guards		661/2009 1009/2010		No	
38	Head restraints	78/932			No	No

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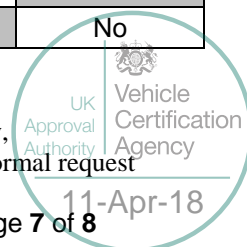
Item	Subject	Dir (EC)	Reg (EU)	Reg (ECE)	Installation	Component
38A	Head restraints (headrests), whether or not incorporated in vehicle seats		661/2009	25	No	No
40	Engine Power	80/1269			No	
41	Emissions (Euro IV and V) heavy duty vehicles.	2005/55		49	No	No
41A	Emissions (Euro IV) heavy duty vehicles / access to information.		595/2009		No	No
42	Lateral protection	89/297			No	No
42A	Lateral protection of goods vehicles		661/2009	73	No	No
43	Spray suppression systems	91/226			No	No
43A	Spray suppression systems		661/2009 109/2011		No	No
44	Masses and dimensions (cars)	92/21			No	
44A	Masses and dimensions		661/2009 1230/2012		No	
45	Safety glazing	92/22			No	No
45A	Safety glazing materials and their installation on vehicles		661/2009	43	No	No
46	Tyres	92/23			No	
46A	Installation of tyres		661/2009 458/2011		No	
46B	Pneumatic tyres for motor vehicles and their trailers (Class C1)		661/2009	30		No
46C	Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3)		661/2009	54		No
46D	Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3)		661/2009	117		No
46E	Temporary-use spare unit, run-flat tyres/system and tyre pressure monitoring system		661/2009	64	No	No
47	Speed limitation devices	92/24			No	No
47A	Speed limitation of vehicles		661/2009	89	No	No
48	Masses and dimensions (other than vehicles referred to in item 44)	97/27			No	
48A	Masses and dimensions		661/2009 1230/2012		No	
49	External projections of cabs	92/114			No	
49A	Commercial vehicles with regard to their external projections forward of the cab's rear panel		661/2009	61	No	
50	Couplings	94/20			No	No
50A	Mechanical coupling components of combinations of vehicles		661/2009	55	No	No
50B	Close-coupling device (CCD); fitting of an approved type of CCD		661/2009	102	No	No
51	Flammability	95/28			No	No
51A	Burning behaviour of materials used in the interior construction of certain categories of motor vehicles		661/2009	118	No	No
52	Buses and coaches	2001/85			No	

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52A	M2 and M3 vehicles		661/2009	107	No	No
52B	Strength of the superstructure of large passenger vehicles		661/2009	66	No	
53	Frontal impact	96/79			No	
53A	Protection of occupants in the event of a frontal collision		661/2009	94	No	
54	Side impact	96/27			No	
54A	Protection of occupants in the event of lateral collision		661/2009	95	No	
56	Vehicles intended for the transport of dangerous goods	98/91			No	
56A	Vehicles for the carriage of dangerous goods		661/2009	105	No	
57	Front under-run protection	2000/40			No	No
57A	Front underrun protective devices (FUPDs) and their installation; front underrun protection (FUP)		661/2009	93	No	No
58	Pedestrian protection		78/2009		No	
59	Recyclability	2005/64			No	
61	Air-conditioning systems	2006/40			No	No
62	Hydrogen system		79/2009		No	No
63	General safety		661/2009		No	
64	Gear shift indicators		661/2009 65/2012		No	
65	Advanced emergency braking system		661/2009 347/2012		No	
66	Lane departure warning system		661/2009 351/2012		No	
67	Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles		661/2009	67	No	No
68	Vehicle alarm systems (VAS)		661/2009	97	No	No
69	Electric safety		661/2009	100	No	
70	Specific components for CNG and their installation on motor vehicles		661/2009	110	No	No
71	Cab strength		661/2009	29	No	
72	eCall system		2015/758		No	
						No
-	Construction, testing, installation, operation and repair of tachographs and their components		3821/85			No
-	Non-road mobile machinery	97/68		120		No
-	Protective Helmets			22		No
-	Diesel Smoke			24	No	No
-	Warning Triangles			27		No
-	Rear end collision			32	No	
-	Head on collision			33	No	
-	Foot controls			35	No	
-	PSV construction			36	No	
-	Child Restraints			44		No

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-	Headlamp cleaners			45		No
-	Replacement Silencers			59		No
-	Special warning lamps			65		No
-	Maximum speed			68	No	
-	Rear marking plates for slow moving vehicles			69		No
-	Rear marking plates for heavy and long vehicles			70		No
-	Emissions of M1 and N1 vehicles			83	No	
-	Fuel consumption			84	No	
-	Measurement of the net power			85	No	
-	Replacement braking parts			90		No
-	CO ₂ Emissions and fuel consumption			101	No	
-	Replacement Catalytic Convertors			103		No
-	Pneumatic tyres for agricultural vehicles and their trailers			106		No
-	Retreaded pneumatic tyres for motor vehicles and their trailers			108		No
-	Retreaded pneumatic tyres for commercial vehicles and their trailers			109		No
-	Rollover stability of tanks			111	No	
-	LPG and CNG Retrofit systems			115	No	
-	Tyre road noise			117		No
-	Cornering Lamps for Power Driven Vehicles			119		No
-	Wheels for passenger cars and their trailers			124		No
-	Partitioning systems			126		No
-	Pedestrian safety			127	No	
-	Enhanced child restraint systems			129		No
-	Lane departure warning systems			130	No	
-	Advanced emergency braking systems			131	No	
-	Retrofit emission control devices			132		No
-	Recyclability of motor vehicles			133	No	
-	Hydrogen and fuel cell vehicles			134	No	No
-	Pole side impact			135	No	
-	Frontal impact with focus on restraint systems			137	No	
-	Quiet road transport vehicles (QRTV)			138	No	No
-	Brake assist systems (BAS)			139	No	
-	Electronic stability control (ESC)			140	No	
-	Tyre pressure monitoring systems (TPMS)			141	No	
-	Tyre Installation			142	No	

REMARKS: None

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