



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE ~~APPROVAL GRANTED⁽⁴⁾~~ / APPROVAL EXTENDED⁽¹⁾ /
~~APPROVAL REFUSED⁽⁴⁾~~ / ~~APPROVAL WITHDRAWN⁽⁴⁾~~ / ~~PRODUCTION DEFINITELY~~
~~DISCONTINUED⁽⁴⁾~~ OF A TYPE OF REAR UNDERRUN PROTECTIVE DEVICE (RUPD), PURSUANT
TO REGULATION NO 58.02




Approval No: 58R-0210206

Extension No: 07

Reason for extension: To cover

- 1) Further endplates
- 2) Further versions of endplates
- 3) Minor modifications

1. Trade name or mark of device: VBG or JOAB
2. Type of device: URSP
3. Name and address of manufacturer:
VBG Group AB
Herman Kreftings Gata 4
46228 Vänersborg
Sweden
4. If applicable, name and address of manufacturer's representative: Not applicable
5. Characteristics of the device (dimensions and its fixing elements):
Open special steel profile height 228 mm, steel mounting kit, rigid or retractable
6. Test conducted on a rigid bench / on a vehicle / on a representative part of the chassis of a vehicle⁽¹⁾

7. Position on the device of the points of application of the test forces:
P₁: Left and right, 300 mm inboard of the longitudinal planes tangent to the outside of the wheels on the rear axle
P₂: Left and right, 350-500 mm of the vertical plane containing the vehicle centreline
P₃: In the centre between P₂ – P₂
8. Maximum horizontal deflection observed during and after the application of the test forces in annex 5: 57 mm
9. Vehicles on which the device may be installed (if applicable): Requirements on chassis members, see manufacturer's documentation.
10. Maximum mass of vehicle on which the device may be installed: Tested without limit
11. Device submitted for approval on: As before and 01 March 2017
12. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH
13. Date of report issued by that service: As before and 12 April 2017
14. Number of report issued by that service: 11-00423-CX-GBM Extension 07
15. Approval ~~GRANTED/REFUSED/EXTENDED~~ WITHDRAWN in respect of the RUPD ⁽¹⁾
16. Position of approval mark on the device: Type plate on bracket
17. Place: BRISTOL
18. Date: 12 MAY 2017
19. Signature:  D LAWLOR
Chief Technical and Statutory Operations Officer

20. The following documents, bearing the approval number shown above, are available upon request:

Drawings, diagrams and layout plans of the components of the structure considered to be of importance for the purposes of this Regulation

Where applicable drawings of the protective devices and their position on the vehicle.

Any remarks: Approval to Supplement 3

- (1) Strike out what does not apply

Information Document No. URSP-R58+07-Idoc

relating to UNECE type approval as a separate technical unit
with respect of a rear under run protective device
(UNECE Regulation 58 rev. 2)

0. GENERAL

- 0.1. Make (trade name of manufacturer) VBG and JOAB
- 0.2. Type and general commercial description (s): URSP
Versions: See appendix "List of Type Approved Parts"
Commercial name: URSP Under Ride Protection
- 0.3. Name and address of manufacturer: VBG GROUP AB
S-46228 Vänersborg
Sweden
- 0.4. In the case of components and separate units,
location and method of affixing of the EC
approval mark: On type plate riveted or cemented on the device
(left or right side)
- 0.5. Address(es) of assembly plant(s):
VBG GROUP TRUCK EQUIPMENT AB, Tenggrenstorpsvägen 11, S- 462 28 Vänersborg, SWEDEN
and JOAB Försäljning AB, Hjalmars väg 2, S-464 50 Dals Rostock, SWEDEN

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE(S)

- 1.1. Minimum sum of the moments of inertia about the horizontal axis of the chassis side-members in
cross-section: Minimum 3200 cm⁴
- 1.2. Distance between the chassis side-members at the mounting points of the device: 760 - 1100 mm

2. MASS AND DIMENSIONS

- 2.1. Technically permissible maximum laden mass: Without limit, because the device is
tested with the maximum loads

3. BODYWORK

- 3.1. Full description and / or drawing of the rear underrun protection device:
See enclosures

12-apr-2017 / JON



URSP Protective Beam List of Type Approved Parts.

List of Parts included in VBG URSP Underrun Protective Beam Type Approval.				
A. Protective Beams.				
URSP Underrun Protective Beam is available in 4 different versions.				
Ref.No	Part No *	Type	Marking	Description
A-04.1	21-192000	URSP	Type Approval label JOAB/VBG	Manually operated, 600 mm Retractable Protective Beam.
A-04.2	21-192100	URSP		Manually operated, 1000 mm Retractable Protective Beam.
A-04.3	21-192200	URSP		Hydraulic operated, 600 mm Retractable Protective Beam.
A-04.4	21-192300	URSP		Hydraulic operated, 1000 mm Retractable Protective Beam.
A-04.5	21-224600	URSP		Manually operated, 600 mm Retractable Protective Beam.
A-04.6	21-224700	URSP		Manually operated, 1000 mm Retractable Protective Beam.
The URSP Underrun Protective Beam can be mounted separately on the vehicle if fixed and supported in accordance with the Mounting Instruction, or by using any of the below specified RUP Mounting Brackets for Permanent Location (BUPL types). For bolting the beam to the vehicle or to the bracket must be used the enclosed URSP Beam Fixing Bolt kit.				
B1. RUP Mounting Brackets for Permanent Location (BUPL types).				
Brackets for Permanent Location of the URSP Protective Beam are available in 8 different versions.				
Ref.No	Part No *	Type	Marking	Description
B-01	21-134978	EDU-2	21-1349 L/R VBG Year/Week	Bracket intended to be mounted directly on high truck frames. Includes also fixing holes for Drawbeam types VBG DB 35 and DB 75.
B-02	21-006078	EUH	21-0060 L/R VBG Year/Week	Bracket intended to be mounted directly on high truck frames.
B-03	21-005078	EUM	21-0050 L/R Year/Week	Bracket intended to be mounted directly on medium truck frame.
B-09	21-186978	EUL	21-1869 1/2 Year/Week	Bracket intended to be mounted directly on high truck frames.
B-10	21-086078	EUT	21-0860 VBG Year/Week	Bracket intended to be mounted on trailers with frames of I-beam type.
B-12	21-203078	EUS-3 60	21-2030 1/2 Year/Week	Bracket intended to be mounted on an Additional Frame Bracket e.g. a Drawbeam End Plate, with hole spacing 60 mm or directly on very low truck frames. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-13	21-203370	EUS-3 50	21-2033 1/2 Year/Week	Bracket intended to be mounted on an Additional Frame Bracket e.g. a Drawbeam End Plate, with hole spacing 50 mm or directly on very low truck frames. Can be combined with Beam Spacer kit type UPS for backward moved beam.

**URSP Protective Beam
List of Type Approved Parts.**

B-14	21-2062xx 21-2072xx 21-2075xx 21-2076xx 21-2077xx 21-2078xx 21-5855xx	CMS 63V EU	CMS 63V type approval label	Complete drawbeam for short overhang. The cross members are in different lengths and hole pattern for mounting in to the frames. The drawbeam have mounting beams for the attachment of the Underrun Protection Beam.
B-34	21-2256xx	EUS-4 45/60	VBG 21- 2256	Bracket intended to be mounted on an Additional Frame Bracket e.g. a Drawbeam End Plate, with hole spacing 45/60 mm or directly on very low truck frames.
B-35	21-5707xx	EUS-4 50	VBG 21- 5707	Bracket intended to be mounted on an Additional Frame Bracket e.g. a Drawbeam End Plate, with hole spacing 50 mm or directly on very low truck frames.
B-36	21-2253xx	EUS-4 60	VBG 21- 2253	Bracket intended to be mounted on an Additional Frame Bracket e.g. a Drawbeam End Plate, with hole spacing 60x60 mm or directly on very low truck frames.
B-37	21-2260xx	EUH-2 IVECO	VBG 21- 2260	Bracket intended to be mounted directly on high truck frames, with hole spacing 45x45 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-38	21-2263xx	EUH-2 SCANIA	VBG 21- 2263	Bracket intended to be mounted directly on high truck frames, with hole spacing 50x50 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-39	21-2266xx	EUH-2 MB 50x50	VBG 21- 2266	Bracket intended to be mounted directly on high truck frames, with hole spacing 50x50 and M16. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-40	21-2269xx	EUH-2 MB/MAN	VBG 21- 2269	Bracket intended to be mounted directly on high truck frames, with hole spacing 50x40/50 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-41	21-2272xx	EUH-2 Volvo/RVI	VBG 21- 2272	Bracket intended to be mounted directly on high truck frames, with hole spacing 50x50 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-42	21-2275xx	EUH-2 DAF	VBG 21- 2275	Bracket intended to be mounted directly on high truck frames, with hole spacing 60x60 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-43	21-2278xx	EUM-2 IVECO	VBG 21- 2278	Bracket intended to be mounted directly on medium truck frame, with hole spacing 45x45 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-44	21-2281xx	EUM-2 SCANIA	VBG 21- 2281	Bracket intended to be mounted directly on medium truck frame, with hole spacing 50x50 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-45	21-2284xx	EUM-2 MB 50x50	VBG 21- 2284	Bracket intended to be mounted directly on medium truck frame, with hole spacing 50x50 and M16. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-46	21-2287xx	EUM-2 MAN/MB	VBG 21- 2287	Bracket intended to be mounted directly on high truck frames, with hole spacing 50x40/50 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-47	21-2290xx	EUM-2 Volvo/RVI	VBG 21- 2290	Bracket intended to be mounted directly on high truck frames, with hole spacing 50x50 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-48	21-2293xx	EUM-2 DAF	VBG 21- 2293	Bracket intended to be mounted directly on high truck frames, with hole spacing 60x60 and M14. Can be combined with Beam Spacer kit type UPS for backward moved beam.

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List of Type Approved Parts.**

B-58	21-5916xx	EUH-3	VBG 21-5916	Bracket intended to be mounted directly on high truck frames, with hole spacing according to drill plan. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-59	21-5919xx	EUM-3	VBG 21-5919	Bracket intended to be mounted directly on high truck frames, with hole spacing according to drill plan. Can be combined with Beam Spacer kit type UPS for backward moved beam.
B-65	21-6160xx 21-6162xx	EUS RES	VBG 21-6160 or VBG 21-6162	Bracket intended to be mounted on an Additional Frame Bracket e.g. a Drawbeam End Plate, with hole spacing 50 mm or directly on very low truck frames.

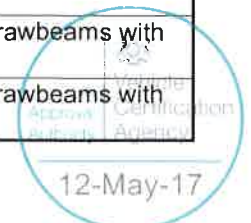
F. Additional Frame Bracket.

Additional Brackets e.g. a Drawbeam End Plate, for mounting of the RUPD to the truck frame.

Ref.No	Part No *	Type	Marking	Description
F-01	21-021478	EDS	21-0214 VBG Year/Week	Drawbeam End Plate intended for installation of drawbeams partially underslung.
F-02	21-162070	EDS-V	21-1619 VBG Year/Week	Drawbeam End Plate intended for installation of drawbeams with 50 hole spacings partially underslung.
F-03	21-134578	EDH-2	21-1345 Year/Week	Drawbeam End Plate intended for installation of drawbeams fully underslung.
F-04	21-134470	EDH-2V	21-1344 Year/Week	Drawbeam End Plate intended for installation of drawbeams fully underslung on frames with 50x60 mm hole spacing.
F-05	21- 005178	EDM	21-0056; 21-0191 VBG Year/Week	Drawbeam End Plate intended for installation of drawbeams 200 mm underslung.
F-06	21- 005278	EDL	21-0052 VBG Year/Week	Drawbeam End Plate intended for installation of drawbeams 310 mm underslung.
F-07	21-168478	EDK-Sc	21-1684 VBG Year/Week	Drawbeam End Plate intended for installation of drawbeams fully underslung on frames with 50x50 mm hole spacing.
F-08	21-167378	EDHZ	21-1673 VBG Year/Week	Drawbeam End Plate designed to fit around rear leaf spring bracket on Scania trucks. Intended for installation of drawbeams fully underslung.
F-09	21- 164278	EDMS-2	21-1642 VBG Year/Week	Drawbeam End Plate designed to fit around stabilizer bracket on Volvo trucks. Intended for installation of drawbeams 200 mm underslung.
F-10	21-147500	EDC-1	21-1475 Year/Week	Drawbeam End Plate designed to move stabilizer bracket position on Volvo trucks. Intended for installation of drawbeams fully underslung.
F-11	38-215900	CMS-MFC	CMS-MFC Type Approval label	Inside frame mounted Drawbeam End Plate intended for fully underslung installation of VBG Multi Function Coupling MFC.
F-12	38-174400	EDSA	DB 63V Type	Inside frame mounted Drawbeam End Plate intended for partially underslung installation of drawbeam DB 63V.
F-13	38-174500	EDHA	Approval label	Inside frame mounted Drawbeam End Plate intended for fully underslung installation of drawbeam DB 63V.
F-14	21-185300 21-185400	EDH Scania Short	1908950/ 1908951	Drawbeam End Plate intended for installation of drawbeams fully underslung on frames with 50x50 mm hole spacing.
F-15	21-187500 21-187600	EDH Scania Long	1925470/ 1925471	Drawbeam End Plate intended for installation of drawbeams fully underslung on frames with 50x50 mm hole spacing.

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F-16	21-202600 21-202700	EDH Scania Extra long	2056579/ 2056587	Drawbeam End Plate intended for installation of drawbeams fully underslung on frames with 50x50 mm hole spacing.
F-17	21-208100	EDH-2 MB	21-2081 Year/Week	Drawbeam End Plate intended for installation of drawbeam fully underslung on frames with 50x50 mm hole spacing.
F-18	20-111800	EDS Volvo/RVI long	VBG 20- 1118 L/R	Drawbeam End Plate intended for installation of drawbeams with 50x60 mm hole spacings partially underslung.
F-19	20-111900	EDS MAN/MB long	VBG 20- 1119 L/R	Drawbeam End Plate intended for installation of drawbeams with 50x45 and 50x40/50 partially underslung.
F-20	20-112000	EDS DAF long	VBG 20- 1120 L/R	Drawbeam End Plate intended for installation of drawbeams with 60x60 mm hole spacings partially underslung.
F-21	20-112100	EDS Iveco long	VBG 20- 1121 L/R	Drawbeam End Plate intended for installation of drawbeams with 45x45 mm hole spacings partially underslung.
F-22	20-112200	EDS Scania	VBG 20- 1122	Drawbeam End Plate intended for installation of drawbeams with 50x50 mm hole spacings partially underslung.
F-23	21-213000	EDH-3 MAN	VBG 21- 2130 L/R	Drawbeam End Plate intended for installation of drawbeams with 50x40/50 mm hole spacings fully underslung.
F-24	21-213300	EDH-3 MB 50x45	VBG 21- 2133 L/R	Drawbeam End Plate intended for installation of drawbeams with 50x45 mm hole spacings fully underslung.
F-25	21-213600	EDH-3 Scania	VBG 21- 2136 L/R	Drawbeam End Plate intended for installation of drawbeams with 50x50 mm hole spacings fully underslung.
F-26	21-213900	EDH-3 Volvo	VBG 21- 2139 L/R	Drawbeam End Plate intended for installation of drawbeams with 50x60 mm hole spacings fully underslung.
F-27	21-214200	EDH-3 DAF	VBG 21- 2142 L/R	Drawbeam End Plate intended for installation of drawbeams with 60x60 mm hole spacings fully underslung.
F-28	21-214500	EDH-3 IVECO	VBG 21- 2145 L/R	Drawbeam End Plate intended for installation of drawbeams with 45x45 mm hole spacings fully underslung.
F-29	21-214800	EDH-3 MB 50x50	VBG 21- 2148 L/R	Drawbeam End Plate intended for installation of drawbeams with 50x50 mm hole spacings fully underslung.
F-30	21-2196xx	EDM-2 Scania	VBG 21- 2196	Drawbeam End Plate intended for installation of drawbeams with 50x50 mm hole spacings fully underslung.
F-31	21-2199xx	EDM-2 Volvo/RVI	VBG 21- 2199	Drawbeam End Plate intended for installation of drawbeams with 50x60 mm hole spacings fully underslung.
F-32	21-2202xx	EDM-2 MAN	VBG 21- 2202	Drawbeam End Plate intended for installation of drawbeams with 50x40/50 mm hole spacings fully underslung.
F-33	21-2205xx	EDM-2 MB 50x45	VBG 21- 2205	Drawbeam End Plate intended for installation of drawbeams with 50x45 mm hole spacings fully underslung.
F-34	21-2208xx	EDM-2 MB 50x50	VBG 21- 2208	Drawbeam End Plate intended for installation of drawbeams with 50x50 mm hole spacings fully underslung.
F-35	21-2211xx	EDM-2 DAF	VBG 21- 2211	Drawbeam End Plate intended for installation of drawbeams with 60x60 mm hole spacings fully underslung.
F-36	21-2214xx	EDM-2 IVECO	VBG 21- 2214	Drawbeam End Plate intended for installation of drawbeams with 45x45 mm hole spacings fully underslung.
F-37	21-2217xx	EDL-2 Scania	VBG 21- 2217	Drawbeam End Plate intended for installation of drawbeams with 50x50 mm hole spacings fully underslung.
F-38	21-2220xx	EDL-2 Volvo/RVI	VBG 21- 2220	Drawbeam End Plate intended for installation of drawbeams with 50x60 mm hole spacings fully underslung.
F-39	21-2223xx	EDL-2 MAN	VBG 21- 2223	Drawbeam End Plate intended for installation of drawbeams with 50x40/50 mm hole spacings fully underslung.
F-40	21-2226xx	EDL-2 MB 50x45	VBG 21- 2226	Drawbeam End Plate intended for installation of drawbeams with 50x45 mm hole spacings fully underslung.
F-41	21-2229xx	EDL-2 MB 50x50	VBG 21- 2229	Drawbeam End Plate intended for installation of drawbeams with 50x50 mm hole spacings fully underslung.
F-42	21-2232xx	EDL-2 DAF	VBG 21- 2232	Drawbeam End Plate intended for installation of drawbeams with 60x60 mm hole spacings fully underslung.



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List of Type Approved Parts.**

F-43	21-2235xx	EDL-2 IVECO	VBG 21- 2235	Drawbeam End Plate intended for installation of drawbeams with 45x45 mm hole spacings fully underslung.
F-44	21-5725xx	EDF 250	EDF 250 21- 5725	Drawbeam End Plate intended for installation of drawbeams with flexible hole spacing fully underslung.
F-45	21-5880xx 21-5881xx	EDF 150	EDF 150 21- 5880 / EDF 150 21- 5881	Drawbeam End Plate intended for installation of drawbeams with flexible hole spacing fully underslung.
F-47	21-6172xx	"EDH-4"	21-6172	Drawbeam End Plate intended for installation of drawbeams with flexible hole spacing fully underslung.

* The part.no ends with "xx" for different colour codes.