



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED <sup>(1)</sup>/ ~~APPROVAL EXTENDED <sup>(4)</sup>/~~  
~~APPROVAL REFUSED <sup>(4)</sup>/ APPROVAL WITHDRAWN <sup>(4)</sup>/ PRODUCTION DEFINITELY~~  
~~DISCONTINUED <sup>(4)</sup>~~ OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY <sup>(1)</sup> WITH  
REGARD TO REGULATION NO. 10.04



Approval No: 10R-044360

Extension No: Not applicable

1. Make (trade name of manufacturer): Yamaguchi Electric Ind. Company Ltd.
2. Type and general commercial description(s): Tonal Reversing Alarm
3. Means of identification of type, if marked on the ~~vehicle/component/ separate technical unit~~: <sup>(1)</sup>  
Model Numbers: BBS-102 (BA502-102), BBS-107 (BA502-107), YEC numbers are given in parenthesis, Variants BBS-102 (XX), BBS-107 (XX) where XX can represent any associated variant
  - 3.1. Location of that marking: Adhesive label applied to the product housing
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:  
Yamaguchi Electric Ind., Co., Ltd.  
3-11-9 Ikejiri, Setagaya-Ku  
Tokyo 154-0001  
Japan
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: On the adhesive label applied to the product housing as stated in section 3.1.

7. Address(es) of assembly plant(s):  
Yamaguchi Electric Ind Co Ltd  
4-1 Aza Nagabuchi, Osarizawa, Kazuno-shi,  
Akita Pref. 018-5202  
Japan  
Dongguan Yamaguchi Industrial Co., Ltd  
Fuda Ind. District, Zhangshen Road,  
Zhangmutou, Dongguan City, Guandong  
Province, China

8. Additional information (where applicable): See Appendix

9. Technical Service responsible for carrying out the tests: SGS UK Limited

10. Date of test report: As before (Report 07 September 2007) and Letter 22 April 2014

11. No. of test report: As before (Report AUT111964/2/GT/07) and Letter AUT189280/2

12. Any remarks: See Appendix

13. Place: BRISTOL

14. Date: 08 MAY 2014

15. Signature:  A. W. STENNING  
Head of Technical and Quality Support Group

16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.

17. Reasons for extension: Not applicable

(1) Strike out what does not apply.

## Appendix

to type-approval communication form No. 10R-044360

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.04

1. Additional information:
    - 1.1. Electrical system rated voltage: 12/24V. ~~pos~~/neg ground <sup>(1)</sup>
    - 1.2. This ESA can be used on any vehicle type with the following restrictions: 12/24vdc
      - 1.2.1. Installation conditions, if any: See manufacturer's documentation
    - 1.3. This ESA can be used only on the following vehicle types: Not applicable
      - 1.3.1. Installation conditions, if any: Not applicable
    - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): 20 to 400MHz BCI at 60m-Amps. 400 to 2000MHz Free Field at 30V/m.
    - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: SGS UK Limited (Durham).
  2. Remarks: None.
- (1) Strike out what does not apply.