



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY


COMMUNICATION CONCERNING THE APPROVAL GRANTED⁽⁴⁾/APPROVAL EXTENDED⁽⁴⁾/
APPROVAL REFUSED⁽⁴⁾/APPROVAL WITHDRAWN⁽⁴⁾/PRODUCTION DEFINITELY
DISCONTINUED⁽⁴⁾ OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY⁽¹⁾ WITH
REGARD TO REGULATION NO. 10.05



Approval No: E11*10R05/01*10955*01

1. Make (trade name of manufacturer): ZF TRW Automotive
2. Type and general commercial description(s): Image Process Module (IPM) and Forward-Looking Remote Camera

| Customer # | Imager Angle |
|-------------------|---------------------|
| – IPM | N/A |
| – Remote Camera | -10 Degree |
| – IPM | N/A |
| – Remote Camera | -10 Degree |
3. Means of identification of type, if marked on the ~~vehicle/component/ separate technical unit~~:⁽¹⁾
Part number label
 - 3.1. Location of that marking: Top side of both units
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:
ZF TRW
Active & Passive Safety Technology
Global Electronics
34605 Twelve Mile Road
Farmington Hills, MI, 48331 USA

6. In the case of components and separate technical units, location and method of affixing of the approval mark: Self-adhesive part number label on top side of IPM and Forward Looking Remote Camera
7. Address(es) of assembly plant(s):
ZF TRW
Mill Hill
North West Industrial Estate
Peterlee, Country Durham
SR8 2HR
8. Additional information (where applicable): See appendix below
9. Technical Service responsible for carrying out the tests: Vehicle Certification Agency
10. Date of test report: As before
11. No. of test report: As before
12. Remarks (if any):
See Appendix below
13. Place: BRISTOL
14. Date: 27 FEBRUARY 2020
15. Signature: 
D LAWLOR
Chief Technical and Statutory Operations Officer
16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.
17. Reasons for extension: To cover addition of alternate part numbers
- (1) Strike out what does not apply.

Appendix

to type-approval communication form No. 10R-05 10955 01

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:

1.1. Electrical system rated voltage: 16-32V. ~~pos~~/neg ground ⁽¹⁾

1.2. This ESA can be used on any vehicle type with the following restrictions:

1.2.1. Installation conditions, if any: Image Process Module is designed to go inside the cab, behind the glove department for example. Forward Looking Remote Camera is designed to be attached to the front windshield.

1.3. This ESA can be used only on the following vehicle types: Not applicable

1.3.1. Installation conditions, if any:

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): Bulk Current Injection, 20-400 MHz; ALSE, 400-2000 MHz

1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: Not applicable

2. Remarks: None

(1) Strike out what does not apply.