

ECE TYPE-APPROVAL CERTIFICATE

E24

Communication Concerning:	Approval granted
	<u>Approval extended</u>
	<u>Approval refused</u>
	<u>Approval withdrawn</u>
	<u>Production definitively discontinued</u>

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: E24*10R05/01*2477*00

Reason for extension: *N/A*

1.	Make (trade name of manufacturer):	KNK Grup
2.	Type and general commercial description:	JOVA / N-60-XX
	Variant(s):	N/A
3.	Means of identification of type, if marked on the component:	Type code is given as product model on the label (last two digits can be changed according to color of the cover)
3.1	Location of that marking:	Top or side of cover of the combustion heater
4.	Category of vehicle:	See Appendix
5.	Name and address of manufacturer:	KNK Grup Elektrik Elektronik Makina Imalati Yazilim Mekanik Tasarim San. Ve Tic. Ltd. Sti. Serifali Mah. Burhan Sk. No:1/1 Umraniye/Istanbul, Turkey
6.	In the case of components and separate technical units, location and method of affixing of the ECE approval mark:	Printed on identification label
7.	Address(es) of assembly plant(s):	KNK Grup Elektrik Elektronik Makina Imalati Yazilim Mekanik Tasarim San. Ve Tic. Ltd. Sti. Serifali Mah. Burhan Sk. No:1/1 Umraniye/Istanbul, Turkey

Approval No: **E24*10R05/01*2477*00**

8. Additional information (where applicable): *See appendix*

9. Technical service responsible for carrying out the tests: ***Optimal Test ve Belgelendirme A.S
Yahyakaptan Mah. Beril Sk. No: 9/D
41050 Kocaeli / Turkey***

10. Date of test report: ***21.03.2018***

11. Number of test report: ***OPH-T-00240-00 Rev01***

12. Remarks (if any): *See Appendix*

13. Place: ***Dublin***

14. Date: ***28th March, 2018.***

15. Signature: 

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



Appendix

To type-approval communication concerning the type approval of an electrical/electronic sub-assembly under Regulation No.10.

1. Additional information

1.1. Electrical system rated voltage: ***12V & 24V, negative ground***

1.2. This ESA can be used on any vehicle type with the following restrictions: ***See manufacturer's specifications.***

1.2.1 Installation conditions, if any: ***See manufacturer's specifications.***

1.3. This ESA can only be used on the following vehicle types: ***N/A***

1.3.1 Installation conditions, if any: ***N/A***

1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: ***Bulk current injection method***
Frequency range: 20 - 80 MHz
Free field testing method
Frequency range: 80 - 2000 MHz

1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: ***Optimal Test ve Belgelendirme A.S***

2. Remarks: ***N/A***

Appendix to type-approval communication concerning the type approval of a vehicle under Regulation No.10.

1. Additional information

2. Special devices for the purpose of Annex 4 to this Regulation: ***N/A***

3. Electrical system rated voltage: ***N/A***

4. Type of bodywork: ***N/A***

5. List of electronic systems installed in the tested vehicle(s) not limited to the items in the information document: ***N/A***

5.1. Vehicle equipped with 24 GHz short-range radar equipment (yes/no): ***N/A***

6. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: ***N/A***

7. Remarks: ***N/A***