

**VCA Headquarters**

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VCA job number: CSM245143

Date: 20 December 2011

Dear Sirs,

1. The vehicle type / component described on the attached approval(s) has been tested and meets the requirements of the ECE Regulation / EEC Directive displayed on the approval certificate(s). I enclose a set of approval documents, comprising, as appropriate, the approval certificate, test report and your documentation duly authenticated.

2. If you think there are any errors in the enclosed package, please contact Ian Woodruff, telephone 0117 9524164, e-mail ian.woodruff@vca.gov.uk immediately. Please be aware that from the date of issue we have a three week holding period, any corrections required after this time will need to be corrected via an extension, index revision or correction 1 certificate, as appropriate.

ROAD TRAFFIC ACT 1988 - SECTION 80

3. The Secretary of State for Transport authorises, under section 80 of the Road Traffic Act 1988, the stated manufacturer or accredited agent to apply to the motor vehicle type / part specified, the appropriate mark designated in the Motor Vehicles (Designation of Approval Marks) Regulations 1979, as amended. The conditions attached to this authorisation are set out overleaf.

4. If this approval / extension / index revision results in a change being required to a vehicle information document issued under either a National or European Whole Vehicle approval you should notify the issuing authority to arrange for the approval(s) to be updated.

5. VCA is continually scrutinising the quality of the service it provides to customers, in order to discover more ways in which the standard can be improved. If you have a specific complaint concerning the way this job has been dealt with, our customer services leaflet gives guidance on the best approach. If you would like a copy, please contact the above.

Yours sincerely,

European Operations Branch

INVESTOR IN PEOPLE



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1. CONDITIONS

1.1 This Approval may be withdrawn at any time and while held is subject to the following conditions.

2. CONDITIONS OF MOTOR VEHICLE PARTS

- 2.1 The holder of this approval shall put the approval mark described in the Motor Vehicles (Designation of Approval Marks) Regulations 1979 as amended only on Motor Vehicle Parts that:
- Have been manufactured, assembled or completed in factories under his control and
 - Conform in all material respects with the samples, which were tested before this approval was issued.
- 2.2 The holder of this approval shall mark his products in the manner set out in the relevant Regulation / Directive as given in the Motor Vehicles (Designation of Approval Marks) Regulations 1979 as amended together with:
- The approval number allocated by the Secretary of State for Transport.
 - His name or trademark
 - Any other markings specified in the appropriate international Regulation
- 2.3 The holder of this approval shall be prepared at any time to satisfy Department for Transport officials or agents of the Department, that the quality of the part being produced and marked or intended to be by him with the approval marking conforms in all material respects with that of the samples tested as the International Regulation requires.
- 2.4 The holder of this approval undertakes to admit duly authorised officials or agents of the Department at all reasonable times to any premises in which parts marked or intended to be marked are being manufactured, assembled or stored and to permit any such official or agent to inspect parts and all records relating to them and their production processes.
- 2.5 This approval may be suspended or withdrawn by the Secretary of State for Transport at any time without any particular length of notice being given and in the event of that being done the holder will absolve the Secretary of State from any claim for damages or compensation.

3. CONDITIONS FOR MOTOR VEHICLES

- 3.1 The holder of this approval shall put the approval mark described in the Motor Vehicles (Designation of Approval Marks) Regulation 1979 as amended only on Motor Vehicles fitted with Motor Vehicle parts which Motor Vehicles as fitted with such parts conform with the type of Motor Vehicle approved by as on behalf of the Secretary of State for Transport and only on Motor Vehicles that:
- Have been manufactured, assembled or completed in factories under his control and
 - Conform in all material respects with the type of Motor Vehicle, which was tested before an approval certificate was issued.
- 3.2 The holder of this approval shall mark motor vehicles of the type approved. In the matter set out in the relevant Regulation / Directive using the authorised approval mark as given in the Motor Vehicles (Designation of Approval Marks) Regulation 1979 as amended together with the approval number allocated by the Secretary of State for Transport.
- 3.3 The holder of this approval shall mark Motor Vehicles of the type approved in the manner set out in the relevant Regulation annexed to the United Nations agreement of 1958 as amended using the authorised approval mark which comprises a capital letter E followed by the number 11 within a circle together with the approval number allocated by the Secretary of State for Transport.
- 3.4 The holder of this approval shall be prepared at any time to satisfy Department for Transport officials or agents of the Department that Motor Vehicles of the type approved which have been produced and marked or that are intended to be marked by him conform in all material respects with the type of vehicle approved.
- 3.5 The holder of this approval undertakes to admit duly authorised officials or agents of the Department at all reasonable times to any premises in which the Motor Vehicles of the type approved which have been or are intended to be marked are manufactured, assembled or stored and to permit any such official or agent to inspect the Motor Vehicles and all records relating to them and their production processes.
- 3.6 This approval may be suspended or withdrawn by the Secretary of State for Transport at any time without any particular length of notice given and in the event of that being done the holder will absolve the Secretary of State from any claim for damages or compensation.





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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY



COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/
APPROVAL EXTENDED ⁽⁴⁾/
APPROVAL REFUSED ⁽⁴⁾/
APPROVAL WITHDRAWN ⁽⁴⁾/
PRODUCTION DEFINITELY DISCONTINUED OF A DRIVE TRAIN PURSUANT TO REGULATION NO. 85 AS AMENDED BY SUPPLEMENT 5.

Approval No: 85R-00 2449

Extension No: Not applicable

1. Trade name or mark of drive train or set of drive trains:



2. Internal combustion engine:

2.1. Make: CHINA FAW GROUP CORPORATION

2.2. Type: CA6DM2-39E4

2.3. Manufacturer's name and address:

CHINA FAW GROUP CORPORATION
2259 Dongfeng Street, 214026 CHANGCHUN, JILIN,
PEOPLE'S REPUBLIC OF CHINA

~~3. Electric drive train(s):~~

~~3.1. Make:~~

~~3.2. Type:~~

~~3.3. Manufacturer's name and address:~~

Job number: CSM245143



- 5. Drive train or set of drive trains submitted for approval on: 08 December 2011
- 6. Technical service responsible for conducting approval tests: Vehicle Certification Agency
- 7. Date of report issued by that service: 14 December 2011
- 8. Number of report issued by that service: CSM245143
- 9. Location of the approval mark: On the cylinder block
- 10. Reason(s) for extension of approval (if applicable): ⁽¹⁾ N/A
- 11. Internal combustion engine

11.1. Declared figures

11.1.1. Maximum net power:287.....kW, at1900..... min.⁻¹

11.1.2. Maximum net torque:1750.....Nm, at1300..... min.⁻¹

11.2. Essential characteristics of the engine type:

Operating principle: four stroke/~~two stroke~~ ⁽²⁾

Number and layout of cylinders: 6, In line

Cylinder capacity:1,841.....cm³

Fuel feed: ~~carburetor/indirect injection~~/direct injection ⁽²⁾

Pressure-charger device: Yes/~~No~~ ⁽²⁾

Exhaust gas cleaning device: Yes/~~No~~ ⁽²⁾

11.3. Engine fuel requirements: ~~leaded petrol / unleaded petrol / diesel fuel / NG / LPG~~: ⁽²⁾

~~12. Electric drive train(s):~~

~~12.1. Declared figures~~

~~12.1.1. Maximum net power:kW, atmin⁻¹~~



12.1.2. Maximum net torque: Nm, at min⁻¹

12.1.3. Maximum net torque at zero speed: Nm

12.1.4. Maximum 30 minutes power: kW

12.2. Essential characteristics of the electric drive train

12.2.1. Test DC voltage: V

12.2.2. Working principle:

12.2.3. Cooling system:

Motor: liquid/air⁽²⁾

Variator: liquid/air⁽²⁾

13. Approval granted/~~extended/refused/withdrawn~~⁽²⁾

14. Place: BRISTOL

15. Date: 20 DECEMBER 2011

16. Signature: 

A. W. STENNING
Head of Technical and Quality Group

17. The documents filed with the request for approval or extension may be obtained on request.

1/ Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulation).
2/ Strike out what does not apply.

