

Renault VCO Automotive AG, P.O. Box 10 08 43, D-93109 Regensburg

Declaration of Conformity in accordance with Directive 1999/5/EC (R&TTE Directive)

Manufacturer: Siemens VDO Automotive AG
Body & Chassis Electronics

Address: Siemensstrasse 12
D-93055 Regensburg

Product type designation: S122780002

Intended use: Radio frequency transmitter used Tire Pressure Monitoring system

The product mentioned above complies with the essential requirements and other relevant provisions of Directive 1999/5/EC, when used for its intended purpose:

Health and safety pursuant to §3, 1.a:
Applied standard(s):
EN 60950: 2000

Electromagnetic compatibility pursuant to § 3.1.b: Applied standard(s):
EN 301 489 -1,-3; V1 4.1 (2002-08)

Efficient use of spectrum pursuant to § 3.2:
Applied standard(s):
EN 300 220 -1: V1.3.1 (2000-09)

The following marking applies to the above mentioned product:

CE

Siemens VDO Automotive AG
Regensburg, 2005-11-09

5

J. V. Jacobson
Jean-Francois Tarabba
Executive Vice President
Body and Chassis Electronics Opera

Siemens VDO Automotive AG
Body & Chassis Electronics

Helmut Matschi

Postal Address:

Siemens VDO Automotive AG

P.O. Box 10 09 43

Office Address:

Siemensstraße 12

Tel. +42(0)341/7790-0

Stemmer/VOO Automotive AG, Chairman of the Supervisory Board: Edward G. Kucharski, Managing Board: Franz Wessels, Chairman: Albrecht Klaus Egger, Oliver Hupfners, 38-Ann-Löcher Registered Office: München Commercial Registry: München, HGB 120237

Page 1 of 1

Stierweis/VOO Automotive AG, P.O. Box 10 08 43, D-83008 Regensburg

Declaration of Conformity in accordance with Directive 1999/5/EC (R&TTE Directive)

Manufacturer: Siemens VDO Automotive AG
Body & Chassis Electronics

Address: Dep. SV C BC P2 Rf TG
Siemensstrasse 12
D-93049 Regensburg
Germany

Product type designation: 5WK4 9096

Radio frequency receiver used in vehicle locking/unlocking systems

Health and safety pursuant to §3.1.a:
Applied standard(s):
EN 60950:2000

Electromagnetic compatibility pursuant to § 3.1 b:
Applied standard(s):
EN 301 489-1,-3; V1 4.1 (2002-08)

Efficient use of spectrum pursuant to § 3.2:
Applied standard(s):
EN 300 220-1; V1.3.1 (2000-09)

The following marking applies to the above mentioned product:

33

Siemens VDO Automotive AG
Regensburg, 2005-08-03

Reconsburg, 2005-08-03

J. V. Tarablia
Jean-Francois Tarablia
Executive Vice President
Body and Chassis Electronics Operations

SiemensVDO Automotive AG
Body & Chassis Electronics

Hedberg, Matsushita

Hideo Matsuda

Postal Address:

Siemens VDO Automotive AG

P.O. Box 10 09 43

Executive/COO Automotive AD Chairman of the Supervisory Board Edward G. Kullback Managing Board First Wessling, Chairman Members: Klaus Eggert, Joseph Hauptmann, Jürgen Lohrer Affiliated Office: München a/Commercial Registry München, HRB 132037

10

Date: February 6, 2009

INFORMATION TO BE INCLUDED IN THE END USER'S MANUAL

The following information must be included in the end product user's manual to ensure continued FCC and Industry Canada regulatory compliance. The ID numbers must be included in the manual if the device label is not readily accessible to the end user. The compliance paragraphs below must be included in the user's manual.

The following user's manual statements are provided by Lear Corporation to Jaguar Land Rover electronically after certification.

Key facts

Land Rover, Range Rover,

FCC ID: KOBJTF10A (Range Rover, Land Rover)
 FCC ID: KOBJTF10B (Jaguar)
 IC: 3521 A-JTF10A (Range Rover, Land Rover)
 IC: 3521 A-JTF10B (Jaguar)
 Model #: AH42-15K601A (Range Rover)
 Model #: AH22-15K601A (Land Rover)
 Model #: AW63-15K601A (Jaguar)

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
- WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
 The term "IC," before the radio certification number only signifies that Industry Canada technical specifications were met.

RKE Receiver

Land Rover, Range Rover, Jaguar

FCC ID: KOBJLR09A

IC: 3521-JLR09A

Model #: AH42-15K602-A

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
- WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
 The term "IC," before the radio certification number only signifies that Industry Canada technical specifications were met.

Passive Entry / Passive Start Module

Land Rover, Range Rover, Jaguar

FCC ID: KOBJBG10A

IC: 3521-JBG10A

Model #: AH22-19H440 (PEPS)

Model #: AH42-19H440 (Passive Start ONLY)

FCC ID: KOBJBG10B

IC: 3521-JBG10B

Model #: AH22-19H440 (PEPS)

Model #: AH42-19H440 (Passive Start ONLY)

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
- WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
 The term "IC," before the radio certification number only signifies that Industry Canada technical specifications were met.

EC Declaration of Conformity

EC Directive: 1999/5/EC

Manufacturer: Lear Corporation

Type Designation / FCC ID: KOBUBG10B

Model Numbers: SE0770337, 19H440, AH22-19H440, AH42-19H440, AH22-19H440-AD, AH42-19H440-AE

Description / Intended Use: Remote Function Actuator (RFA), passive keyless entry and start system low frequency initiator

Trademarks: Land Rover / Range Rover / Jaguar

Applied Standards: European Commission Directive 2006/28/EC
ETSI EN 60950
ETSI EN 300 330
CEPT/ERC/REC 70-03
AS/NZS 4288
FCC Regulations 47 CFR Part 15

Responsible Person: Kevin Cotton
Lear Corporation
21557 Telegraph Road
Southfield, Michigan 48033
United States of America

Herby, Lear Corporation declares that the product referenced above is in compliance with the essential requirements of Directive 1999/5/EC, on the approximation of the laws of the member states relating to Directive 1999/5/EC

Signed: 
Kevin Cotton, Lear Corporation

Date: 27 March 2009

EC Declaration of Conformity

EC Directive: 1999/5/EC

Manufacturer: Lear Corporation

Type Designation / FCC ID: KOBUBG10A

Model Numbers: SE0770337, 5E0770337, 19H440, AH22-19H440-AC, AH42-19H440-AD, AH22-19H440, AH42-19H440

Description / Intended Use: Remote Function Actuator (RFA), passive keyless entry and start system low frequency initiator

Trademarks: Land Rover / Range Rover / Jaguar

Applied Standards: European Commission Directive 2006/28/EC
ETSI EN 60950
ETSI EN 300 330
CEPT/ERC/REC 70-03
AS/NZS 4288
FCC Regulations 47 CFR Part 15

Responsible Person: Kevin Cotton
Lear Corporation
21557 Telegraph Road
Southfield, Michigan 48033
United States of America

Herby, Lear Corporation declares that the product referenced above is in compliance with the essential requirements of Directive 1999/5/EC, on the approximation of the laws of the member states relating to Directive 1999/5/EC

Signed: 
Kevin Cotton, Lear Corporation

Date: 27 March 2009

EC Declaration of Conformity

EC Directive: 1999/5/EC
 Manufacturer: Lear Corporation
 Type Designation: SE0760127
 Model Numbers: SE0760127, 15K602, AH42-15K602-B, AH42-15K602-BC
 Description / Intended Use: RF Receiver (RFR), used in passive entry and passive start, remote keyless entry, and tire pressure monitoring systems
 Trademarks: Land Rover / Range Rover / Jaguar
 Applied Standards: European Commission Directive 2006/28/EC
 ETSI EN 60950
 ETSI EN 300 220
 CEPT/ERC/REC 70-03
 ASINZS 4288
 Responsible Person: Kevin Cotton
 Kevin Cotton
 21557 Telegraph Road
 Southfield, Michigan 48033
 United States of America

Hereby, **Lear Corporation** declares that the product referenced above is in compliance with the essential requirements of Directive 1999/5/EC, on the approximation of the laws of the member states relating to Directive 1999/5/EC

Signed: *Kevin Cotton*
 Kevin Cotton, Lear Corporation

Date: 27 March 2009

EC Declaration of Conformity

EC Directive: 1999/5/EC
 Manufacturer: Lear Corporation
 Type Designation: 15K601
 Model Numbers: SE0850127, SE0850127, 15K601-BB, AH42-15K601B, AH42-15K601B, AH42-15K601-BC, AH42-15K601-BC
 Description / Intended Use: Passive Key (PK) / Customer Identification Device (CID), passive keyless entry system keyfob
 Trademarks: Land Rover / Range Rover
 Applied Standards: CEPT/ERC/REC 70-03
 ETSI EN 60950
 ETSI EN 300 220
 ETSI EN 301 489
 IEC EN 60950
 ASINZS 4288
 Responsible Person: Kevin Cotton
 Kevin Cotton
 21557 Telegraph Road
 Southfield, Michigan 48033
 United States of America

Hereby, **Lear Corporation** declares that the product referenced above is in compliance with the essential requirements of Directive 1999/5/EC, on the approximation of the laws of the member states relating to Directive 1999/5/EC

Signed: *Kevin Cotton*
 Kevin Cotton, Lear Corporation

Date: 26 March 2009

QuietTek

快特電波股份有限公司

低功率射頻電機型式認證證明

一、申請者：Lear Corporation
 二、製造廠商：Lear Corporation
 三、器材名稱：Range Rover F0B
 四、廠牌/型號：Range Rover / 5E0B60227
 五、發射功率（電場強度）：315MHz; 84.195dBuV/m(Peak)
 315MHz
 六、工作頻率：

七、發證日期：98年06月02日
 八、審驗合格標識式樣：CCAH09LP0550T5

說明：

1. 請將上列標識式樣自製標識，標貼或印鑄於器材本體明顯處，如得證書或公司陳列。
2. 標識式樣除合格之低功率射頻電機，其型號、設計、射頻性能如有變更，應重新申請型式認證。
3. 違反低功率電波射頻電機管理辦法之規定，擅自使用或變更無線電頻率、電力者，除依電法處之或罰外，如證機關(構)並得禁止其型式認證證明或型式認證標識。
4. 違章廠商應保留違章產品項目後註銷。
5. 本型式認證證明及不合格標識應使用標準專用紙取得本證明者，本證明持有人應向同是審驗機關申請得標委員會備置後，得授權他人於同標識同型號之器材，使用其合格標識。

備註：

1. 本器材符合低功率射頻電機技術規範 LP0002.3.4.2節之規定。
2. 本審驗機關係由國家通訊傳播委員會委託，核發本型式認證證明。
3. 本器材所使用之式樣應照型號如下：
Lear Corporation / N/A

QuietTek

快特電波股份有限公司

低功率射頻電機型式認證證明

一、申請者：Lear Corporation
 二、製造廠商：Lear Corporation
 三、器材名稱：RFA (Passive Start)
 四、廠牌/型號：LEAR / 5E0770037
 五、發射功率（電場強度）：125KHz; 61.5dBuV/m(Average)
 125KHz
 六、工作頻率：

七、發證日期：98年06月02日
 八、審驗合格標識式樣：CCAH09LP0570T1

說明：

1. 請將上列標識式樣自製標識，標貼或印鑄於器材本體明顯處，如得證書或公司陳列。
2. 標識式樣除合格之低功率射頻電機，其型號、設計、射頻性能如有變更，應重新申請型式認證。
3. 違反低功率電波射頻電機管理辦法之規定，擅自使用或變更無線電頻率、電力者，除依電法處之或罰外，如證機關(構)並得禁止其型式認證證明或型式認證標識。
4. 違章廠商應保留違章產品項目後註銷。
5. 本型式認證證明及不合格標識應使用標準專用紙取得本證明者，本證明持有人應向同是審驗機關申請得標委員會備置後，得授權他人於同標識同型號之器材，使用其合格標識。

備註：

1. 本器材符合低功率射頻電機技術規範 LP0002.2.4.2節之規定。
2. 本審驗機關係由國家通訊傳播委員會委託，核發本型式認證證明。
3. 本器材所使用之式樣應照型號如下：
Lear Corporation / N/A

QuietTek

快特電波股份有限公司

低功率射頻電機型式認證證明

一、申請者: Lear Corporation
 二、製造廠商: Lear Corporation
 三、器材名稱: RFA (Passive Start & Start Module)
 四、廠牌/型號: LEAR / SE070237
 五、發射功率 (電場強度): 125KHz; 63.3dBuV/m(Average)
 六、工作頻率: 125KHz

七、發證日期: 98 年 06 月 02 日

八、審驗合格標識式樣:  CCAH091.P056018

說明:

- 請就下列經式樣自製標識, 標貼於申請器材本證明欄處, 如詳細書或公司標列。
- 經型式認證合格之品之非射頻電機, 其型號、設計、射頻性能如有變更, 應重新申請型式認證。
- 違反低功率電波輻射性電機管理辦法之規定, 擅自使用或變更無線電頻率、電力準備、除低電位法規定電容外, 加裝機械(構)並行廢止其型式認證證明或型式認證標識。
- 違章廠商應保留違章產品銷日後查對。
- 本型式認證證明及其合格標識使用應遵守審驗合格證明書取得本證明者, 本證明持有入被詢問應根據國家通訊傳播委員會備查後, 將投標他人於分應辦同型號之器材, 使用其合格標識。

備註:

- 本器材符合低功率射頻電機技術規範 LP0002.2.3.2 節之規定。
- 本審驗機構係由國家通訊傳播委員會審批, 核發本型式認證證明。
- 本器材所使用固定式或無線電牌照號碼如下:
Lear Corporation / N/A

QuietTek

快特電波股份有限公司

低功率射頻電機型式認證證明

一、申請者: Lear Corporation
 二、製造廠商: Lear Corporation
 三、器材名稱: Range Rover FOB
 四、廠牌/型號: Range Rover / SE0850227
 五、發射功率 (電場強度): 315MHz; 84.195dBuV/m(Peak)
 六、工作頻率: 315MHz

七、發證日期: 98 年 06 月 02 日

八、審驗合格標識式樣:  CCAH091.P055117

說明:

- 請就下列經式樣自製標識, 標貼於申請器材本證明欄處, 如詳細書或公司標列。
- 經型式認證合格之品之非射頻電機, 其型號、設計、射頻性能如有變更, 應重新申請型式認證。
- 違反低功率電波輻射性電機管理辦法之規定, 擅自使用或變更無線電頻率、電力準備、除低電位法規定電容外, 加裝機械(構)並行廢止其型式認證證明或型式認證標識。
- 違章廠商應保留違章產品銷日後查對。
- 本型式認證證明及其合格標識使用應遵守審驗合格證明書取得本證明者, 本證明持有入被詢問應根據國家通訊傳播委員會備查後, 將投標他人於分應辦同型號之器材, 使用其合格標識。

備註:

- 本器材符合低功率射頻電機技術規範 LP0002.3.4.2 節之規定。
- 本審驗機構係由國家通訊傳播委員會審批, 核發本型式認證證明。
- 本器材所使用固定式或無線電牌照號碼如下:
Lear Corporation / N/A



Continental Automotive GmbH - Postfach 102 935 - 93069 Regensburg

Kolter Dugmar
 Tel. +49 (0)41 790-0999
 Fax +49 (0)41 790-30699
 d.dugmar@continental-corporation.com

Date: July 29, 2008
 Your message dated: Your reference: Your reference:

Declaration of Conformity in accordance with Directive 1999/5/EC (R&TTE Directive)

Manufacturer: Continental Automotive GmbH

Address: Siemensstrasse 12

D-93055 Regensburg

Germany

Product type designation: S180 052 020 A

Intended use: Tire Pressure System

This product mentioned above complies with the essential requirements and other relevant provisions of Directive 1999/5/EC, when used for its intended purpose.

Health and safety pursuant to §3.1. a:

Applied standard(s):
 EN 60950-1: 2006

Electromagnetic compatibility pursuant to § 3.1. b:

Applied standard(s):
 EN 301 489 -1; V1.6.1 (2005-09)
 EN 301 489 -3; V1.4.1 (2002-08)

Efficient use of spectrum pursuant to § 3.2:

Applied standard(s):
 EN 300 220 -1; V2.1.1 (2006-04)
 EN 300 220 -2; V2.1.1 (2006-04)

The following marking applies to the above mentioned product:



Continental Automotive GmbH

Regensburg, 2008-07-29

Signature: *low*

Andreas Wolf

Executive Vice President

Body & Security

Signature: *polc*

Norbert Müller

Director Product Group 3

Body & Security

Continental Automotive GmbH
 Postfach 102 935
 D-93069 Regensburg
 Germany
 Tel. +49 (0)41 790-0999
 Fax +49 (0)41 790-30699
 www.continental-corporation.com

Responsible Office:
 Technical Office
 Product Development
 93069 Regensburg
 Germany
 Tel. +49 (0)41 790-30699
 Fax +49 (0)41 790-30699
 www.continental-corporation.com

General Manager:
 Gerald Grottel
 Head of Division
 Head of Division



Label to be used on the following products only

- citizen band radio equipment
- cellular equipment
- trunk radio equipment
- spread spectrum devices
- leased channel radio equipment
- cordless telephone
- wireless security devices
- wireless microphone
- radio-control equipment
- medical & biology telemetry equipment

전자문서화인원호

KISN-31GL-V7SG-VYD

방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

특허등록(Type Registration)

인증의 종류

Certification Type

상호 또는 식별

Trade Name or Applicant

기기의 명칭

Equipment Name

기본모델명

Basic Model Number

파생모델명

Series Model Number

인증번호

Certification No

제조자/제조국가

Manufacturer/Country of Origin

형식기호

Type Identification

인증연월일

Date of Certification

기타

Others

위 기기는 「전기통신기본법」, 「전파법」에 따라 인증의임을 증명합니다.
It is certified that foregoing equipment has been certificated under the Framework Act on Telecommunications and Radio Waves Act.

2009년(Year) 07월(Month) 15일(Date)

전파연구소장

Director General of Radio Research Laboratory

Korea Communications Commission Republic of Korea

전자문서화인원호

KCSG-Y21P-RT1A-1R3D

방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

특허등록(Type Registration)

인증의 종류

Certification Type

상호 또는 식별

Trade Name or Applicant

기기의 명칭

Equipment Name

기본모델명

Basic Model Number

파생모델명

Series Model Number

인증번호

Certification No

제조자/제조국가

Manufacturer/Country of Origin

형식기호

Type Identification

인증연월일

Date of Certification

기타

Others

위 기기는 「전기통신기본법」, 「전파법」에 따라 인증의임을 증명합니다.
It is certified that foregoing equipment has been certificated under the Framework Act on Telecommunications and Radio Waves Act.

2009년(Year) 05월(Month) 28일(Date)

전파연구소장

Director General of Radio Research Laboratory

Korea Communications Commission Republic of Korea

전자통신위원회

7379-CFNU-SBMT-SLIX

방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

형식등록(Type Registration)

인증의 종류

Certification Type

상호 또는 성명

Trade Name or Applicant

기기의 명칭

Equipment Name

기본모델명

Basic Model Number

파생모델명

Series Model Number

인증번호

Certification No.

제조자/제조사

Manufacturer/Country of Origin

형식기호

Type Identification

인증연월일

Date of Certification

기타

Others

위 기기는 「전기통신기본법」, 「전파법」에 따라 인증되었음을 증명합니다.
It is certified that foregoing equipment has been certificated under the Framework Act on Telecommunications and Radio Waves Act.



전파연구소장

Director General of Radio Research Laboratory

Korea Communications Commission Republic of Korea

본 인증서와 함께 제출된 서류는 본 위원회의 소유로, 무단으로 복제, 배포, 전수, 대여, 또는 다른 방법으로 공개할 수 없습니다.

전자통신위원회

JVC5-AS1Q-884C-1BHT

방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

형식등록(Type Registration)

인증의 종류

Certification Type

상호 또는 성명

Trade Name or Applicant

기기의 명칭

Equipment Name

기본모델명

Basic Model Number

파생모델명

Series Model Number

인증번호

Certification No.

제조자/제조사

Manufacturer/Country of Origin

형식기호

Type Identification

인증연월일

Date of Certification

기타

Others

위 기기는 「전기통신기본법」, 「전파법」에 따라 인증되었음을 증명합니다.
It is certified that foregoing equipment has been certificated under the Framework Act on Telecommunications and Radio Waves Act.



전파연구소장

Director General of Radio Research Laboratory

Korea Communications Commission Republic of Korea

본 인증서와 함께 제출된 서류는 본 위원회의 소유로, 무단으로 복제, 배포, 전수, 대여, 또는 다른 방법으로 공개할 수 없습니다.



Independent Communications Authority of South Africa

Private Bag 110022, Sandton, 2146

Radio Equipment Type Approval Certificate

Radio Equipment Type Approval Number

TA-3006302

The Authority, in the exercise of the powers conferred upon it by section 35 (1) of the Electronic Communications Act, 2005 (Act 36 of 2005), the applicable radio regulations which currently remain in force in terms of section 95 (2) of the Electronic Communications Act and subject to the terms and conditions set out in this document hereby grants a radio equipment type approval certificate to the company whose name and particulars are listed below.

Company Particulars

Name: Jaguar Land Rover SA
Street Address: Simon Vermooten Road, Silverton
Post Office Box: 1145
Facsimile Number: 012 845 505
Registration Number: 200182726807

Description of Apparatus

Category: Remote Function Actuator (RFA)
Frequency Range: 119 - 153 MHz
ITU Emission Code: 12KGD1
Modulation: BPSK
Power Output: +27.7 dBm @ 3m
Channel Spacing: -
Features: -

Only the original or a certified copy of the radio equipment type approval certificate shall be considered valid.

P. Mkhosi
P. Mkhosi
Senior Manager: Engineering & Technology

09 JUN 2008

P. Mkhosi (Chairperson) Via Bulwer, TVL Mafanetsi, 8 Bulwer, BE Mafanetsi, PE Mafanetsi, Dr M11 South Africa
Prof JCH van Rooyen SC, 100 Zolani (Counsellors), BN Mafanetsi (CEO)



Independent Communications Authority of South Africa

Private Bag 110022, Sandton, 2146

Radio Equipment Type Approval Certificate

Radio Equipment Type Approval Number

TA-3006303

The Authority, in the exercise of the powers conferred upon it by section 35 (1) of the Electronic Communications Act, 2005 (Act 36 of 2005), the applicable radio regulations which currently remain in force in terms of section 95 (2) of the Electronic Communications Act and subject to the terms and conditions set out in this document hereby grants a radio equipment type approval certificate to the company whose name and particulars are listed below.

Company Particulars

Name: Jaguar Land Rover SA
Street Address: Simon Vermooten Road, Silverton
Post Office Box: 1145
Facsimile Number: 012 845 505
Registration Number: 200182726807

Description of Apparatus

Category: Remote Function Actuator (RFA)
Frequency Range: 119 - 153 MHz
ITU Emission Code: 12KGD1
Modulation: BPSK
Power Output: +27.7 dBm @ 3m
Channel Spacing: -
Features: -

Only the original or a certified copy of the radio equipment type approval certificate shall be considered valid.

P. Mkhosi
P. Mkhosi
Senior Manager: Engineering & Technology

09 JUN 2008

P. Mkhosi (Chairperson) Via Bulwer, TVL Mafanetsi, 8 Bulwer, BE Mafanetsi, PE Mafanetsi, Dr M11 South Africa
Prof JCH van Rooyen SC, 100 Zolani (Counsellors), BN Mafanetsi (CEO)



Pennell Farm, 164 Katherine Street, Sandban
Private Box X10002, Sandban, 2146

Radio Equipment Type Approval Certificate

Radio Equipment Type Approval Number

TA-2009305

The Authority, in the exercise of the powers conferred upon it by section 35 (1) of the Electronic Communications Act, 2005 (Act 36 of 2005), the applicable radio regulations which currently remain in force in terms of section 35 (2) of the Electronic Communications Act and subject to the terms and conditions set out in this document (the "Conditions"), hereby issues a radio equipment type approval certificate to the company whose name and particulars are listed below:

Company Particulars

Name	Jaguar Land Rover SA
Street Address	Simon Vermooten Road, Silverton
Telephone Number	012 842 3274
Facsimile Number	012 845 1005
Registration Number	2001/02735907

Description of Apparatus

Category	Key Fob Transmitter
Model	15K601
Frequency Range	433.00 MHz
ITU Emission Code	739K1D
Modulation	ASK, FSK
Power Output	-14.6 dBm
Channel Spacing	
Features	

Only the original or a certified copy of the radio equipment type approval certificate shall be considered valid.

C. M. Molefe
Philemon Molefe
Senior Manager: E

Senior Manager: Engineering & Technology

09 JUN 2019

P. Mashile (Chairperson), NA Batey, TLV Minkwahe, R Nduna, DIO Ndomini, FK Sefende, Dr MM Sockwa, Prof. JCM van Rooyen SC MM Zwaai (Councilors), BK Motlana (CEO).



Forrest Farm, 164 Katherine Street, Sandton
Private Box X10002, Sandton. 2146

Radio Equipment Type Approval Certificate

Radio Equipment Type Approval Number

TA-2009/304

The Authority, in the exercise of the powers conferred upon it by section 35 (1) of the Electronic Communications Act, 2003 (Act 36 of 2003), the applicable radio regulations which currently remain in force in terms of section 35 (2) of the Electronic Communications Act and subject to the terms and conditions set out in this document (as overleaf), hereby issues a radio equipment type approval certificate to the company whose name and particulars are listed below.

Company Particulars

Name	Jaguar Land Rover SA
Street Address	Simon Vermooten Road, Silverton
Telephone Number	012 842 3274
Facsimile Number	012 845 1005
Registration Number	2001/027269/07

Description of Apparatus

Category	Low Frequency Initiator FET Receiver
Model	560760177
Frequency Range	433.05 - 434.79 MHz
Frequency Emission Code	73MKKD
Modulation	ASK, FSK
Power Output	-
Channel Spacing	-
Features	-

Only the original or a certified copy of the radio equipment type approval certificate shall be considered valid.

Philemon Molefe
Senior Manager

Senior Manager: Engineering & Technology

09 JUN 2009

A. Mashilo (Chairperson), N.A. Bhebe, T.L.V. Makhubane, R. Nkomo, B.B. Ntombela, P.K. Sibanda, G. M.M. Soekwa

Numerics

4 x 4 Info 190

A

ABS 92

Electronic Brake Distribution (EBD) 93

Emergency Brake Assist (EBA) 92

steep slopes 92

warning indicator 92

ACC (Adaptive cruise control) 101

advanced emergency brake assist 106

automatic low speed switch off 103

automatic switch off 103

changing the follow mode gap 102

detection beam 104

driving hints 104

follow mode 102

forward alert 105

forward alert warning lamp 105

malfunction 105

overriding the speed and follow mode 103

resuming follow mode 103

setting the follow mode gap 102

Adaptive cruise control (ACC) 101

Adaptive front lighting system (AFS) 38

Adjusting the headlamps for driving abroad 38

Advanced emergency brake assist 106

AFS 38

Air conditioning 58

rear seats 60

timed climate 119

Air suspension 89

access height 90

adjusting settings 89

crawl mode 90

extended off-road height 90

off-road height 89

remote operation 90

Airbag disabling 33

Airbag service information 34

Airbag warning lamp 34

Airbags 31, 32

components 32

deployment 34

operation 32

Antifreeze check 215

Audio

iPod 130

portable audio 130

USB devices 130

Audio sound settings 118

Audio unit overview 118

Auto high beam 37

Autolamps 36

Automatic climate control 58

Automatic transmission

automatic mode 83

AUX socket 151

Auxiliary connections 151

Auxiliary heater 61

Auxiliary input (AUX IN) socket 130

Auxiliary input socket 133

Auxiliary power sockets 65

B

Battery care 226

Battery charging 229

Battery warning symbols 226

Bluetooth 160

compatibility 160

Bluetooth setup

adding or changing a telephone 161

Bonnet lock 200

Booster cables 227

Booster cushions 29

Brake fluid check 216

topping up 216

Brakes

principle of operation 92

Bulb changing 203

Bulb specification chart 224

C	
Cancel navigation guidance	182
Cancel navigation voice guidance	182
Capacities	221
Car wash	209
CD autochanger	129
CD autochanger loading	129
CD player	
loading a CD	128
main menu	127
MP3 playback	128
play options	128
playing a CD	127
track selection	127
Changing a bulb	203
general information	203
Changing a fuse	234
Changing a road wheel	239
locking wheel nuts	241
operating the jack	242
stowing the removed wheel	243
wheel changing safety	240
wheel chocks	240
Changing a wheel	242
Changing the vehicle battery	229
battery disposal	230
disconnecting	229
effects of disconnecting	230
refitting	230
replacement batteries	230
Changing the voice system volume	159
Chassis view - 4 x 4 info	190
Child locks	22
Child seats	24
anchor points	27
check list	26
Isofix anchor points	27
positioning	25
safety	26
tether anchorage points	30
tether straps	30
Cleaning stubborn stains	209
Cleaning the exterior	209
after off-road driving	210
Cleaning the interior	210
airbag module covers	211
audio system	211
instrument panel	211
leather care	210
plastic and cloth	210
seat belts	211
touch screen	211
Climate control	58
rear seats	60
remote operation	61
timed climate	119
Climate control timer	61
Climatic seats	60
Clock	50
Compass view - 4 x 4 info	190
Connecting auxiliary devices	133
Continuing a telephone call	163
Coolant check	215
Cornering lamps	38
Courtesy delay (headlamps)	36
Courtesy lighting	39
Cruise control	99
Cup holders	64
D	
DAB radio	
channels	125
ensembles	125
main menu	124
preset buttons	125
recalling a preset channel	125
search	125
selecting ensembles	125
selecting subchannels	125
settings	126
subchannels	125
DAB radio menu	124
Daily maintenance checks	198
Data recording	247

- Daylight running lamps 37
 - Deployable side steps
 - jacking 240
 - Detachable tow bar 74
 - Diesel fuel
 - sulphur content 193
 - Diesel misfuel protection 195
 - Diesel Particulate Filter (DPF) 199
 - Diesel particulate filter regeneration 82
 - Diesel starting 80
 - Dimensions 223
 - Disabling the passenger airbag 33
 - Disarming the alarm
 - deactivating a triggered alarm 11
 - unlock button failure 11
 - Door mirrors 46
 - Driving after a collision 247
 - before starting or driving 247
 - event data recorder 247
 - Drop plate tow bar 75
 - Dual view display selection 134
 - Dual view touch screen 134
 - DVD
 - formats 147
 - loading a disc 143
 - main menu 145
 - menu selection 146
 - playing a DVD 146
 - special features 146
 - using an alternative audio source 146
 - DVD operation in dual view display 135
- E**
- Electric seats 13
 - driving position memory 15
 - easy exit/entry 15
 - Electric steering column 21
 - Electric sunroof
 - calibration 209
 - reset 209
 - Electric windows
 - overriding anti-trap protection 45
 - Emergency starting 81
 - Emission control system 82
 - Engine compartment overview 201
 - Engine coolant check 215
 - topping up 215
 - Engine data 219
 - Engine fails to start 80
 - Engine oil check 213
 - checking the oil level 213
 - oil specification 214
 - topping up 214
 - Engine oil disposal 200
 - Engine start/stop while moving 80
 - Event data recorder 247
 - Event data recording 209, 247
 - Exterior mirrors 46
 - adjusting and folding 46
 - mirror dip when reversing 46
 - External temperature 50
- F**
- Facia controls 272
 - Fastening the seat belts 22
 - Flat spots 233
 - Fog lamps 36
 - Follow mode 102
 - changing the gap 102
 - overriding the speed 103
 - resuming 103
 - setting the gap 102
 - Forward alert 105
 - warning lamp 105
 - Front seat heaters 59
 - Fuel and refuelling
 - technical specifications 197
 - Fuel burning heater 61
 - Fuel consumption 197
 - Fuel filler flap 194
 - Fuel filler flap - emergency release 194
 - Fuel filling 192
 - diesel misfuel protection 195
 - Fuel filling safety precautions 192

Fuel gauge	50
Fuel quality	192
alternative fuels for petrol engines	192
diesel engined vehicles	193
petrol engined vehicles	192
Fuel tank capacity	196
Fuel types	192
Fuse boxes	234
Fuses	
engine compartment	234
passenger compartment	235
rear loadspace	237
replacement	234

G

Garage door opener	47
Garage door transceiver	
before programming	47
entry gate programming	49
information and assistance	49
programming	47
reprogramming a single garage door opener	
button	48
rolling code device equipment programming	48
to erase all programming	49
Gearbox	
CommandShift mode	85
drive mode	84
kick-down	85
neutral	84
reverse	84
reverse gear	84
rotary gear selector	85
rotary gear selector fails to elevate	85
sport mode	84
vehicle recovery	85
Gearbox fault	85
Global closing	11
Gradient acceleration control	108
Gradient release control (GRC)	111

H

Hard key TV channel changing	141
HDC	110
Head restraints	16
Headlamp adjustment for driving abroad	38
Headlamp power wash	42
Headlamp washers	43
Headlamps	36
driving abroad	38
low beam	36
tourist adjustment	38
Heated front seats	59
Heated rear seats	61
Heated screens	59
Hill descent control	110
Hill start assist	108
Homelink	47

I

Ignition on	79
Information messages	51
Installing an Isofix child restraint	28
Instrument panel overview	50
Interior lights	39
front	39
rear	39
iPod connection	130
Isfix anchor points	27
installation	28
Isfix child seat positions	29
Isfix child seats	27
installation	28

J

Jacking the vehicle	242
deployable side steps	240
Jump starting	227

K

Keyless start backup	81
Keyless starting	80

L

Label locations	248
Lashing points	244
Lighting	36
adaptive front lighting (AFS)	38
cornering lamps	38
exterior	36
interior	39
Lighting control	36
headlamp courtesy delay	36
headlamps	36
main switch panel	36
Lights	36
adaptive front lighting (AFS)	38
cornering lamps	38
courtesy lighting	39
exterior	36
headlamp courtesy delay	36
headlamps	36
interior	39
low beam	36
sidelights	36
Loading the CD autochanger	129
Loadspace cover	68
Loadspace safety net	70
Locking	
child locks	22
Locking and unlocking	
drive-away locking	11
from inside the vehicle	12
mislock	11, 12
Locking wheel nuts	241
Locking with the smart key	10
Locks	
changing the Smart Key battery	9
Low beam	36
Lubricants	219
Luggage anchor points	69
Luggage cover	68

M

Maintenance	
general information	198
technical specifications	219
Maintenance checks	
arduous driving	198
daily	198
hazardous substances	198
weekly	198
Media hub (portable media)	130
Message centre	50
Mirrors	
exterior	46
operation	46
powerfold	46
reverse auto-dip	46
MP3 tracks on CD	128

N

Navigation	
adding waypoints	173
alternative routes	173
area surveillance	180
calibrating vehicle position	167
cancelling guidance	182
changing waypoints order	173
editing memory points	176
entering a destination	169
guidance volume	167
POI categories	177
points of interest (POI)	176
previewing a route	173
previewing POIs	174
previewing whole route	174
RDS-TMC	178
recalling a destination	171
route changes	172
route preferences	172
screen mode options	169
screen overview	168
setting avoid points	176
setting preferences	166
storing home location	176
storing new locations	174
things you need to know	166
traffic event ahead	179
turning on	166
vehicle position error	166
voice control	182
Navigation guidance cancel	182
Navigation legals	188
Navigation off road	180
new route	181
route options	181
using a stored route	181
Navigation voice control commands	182
Navigation voice guidance cancel	182
Notepad	159
deleting notes	159
playing notes	159
recording a note	159

O

Off road navigation	180
Off-road driving	
wading	108
Off-road driving guidance	107
Oil check	213
Oil specification	214
Opening and closing the bonnet	200
Owner maintenance	198

P

Parking aid	
principle of operation	97
sensor care	98
system fault	98
when towing	98
Parking brake	
applying	93
Parking sensors	97
Personalising the instrument panel display	52
Phone	160, 162
Playing a CD	127
Portable audio	130
browse	131
connecting multiple devices	132
connections	130
controls	131
repeat	131
search	131
shuffle	131
skip/scan	131
source selection	131
touch screen operation	131
track list	131
Portable media	
track search	132
Power sockets	65
Power steering fluid check	217
topping up	217
Puddle lamps	39

R

Radio	
autostore	122
PTY (programme type)	122
RDS (radio data system)	122
station search	122
station tuning	122
touch screen controls	121
Radio data system (RDS)	122
Radio main menu	121
Rain sensor	42
Reading lamps	39
Rear loadspace cover	68
Rear seat heaters	61
Rear seats	
erecting	18
folding	18
head restraints	19
reclining	19
Rear storage area	
DVD player	67
fuel flap emergency release	67
rear fuse box	67
tow hitch stowage	67
Rear storage areas	67
DVD player	67
emergency fuel filler flap release	67
warning triangle	67
Rear view camera	112
Rear view mirrors	46
Rear window washer	42
Rear window wiper	42
Recommended towing weights	71
Recovering your vehicle	244
Refuelling	195
fuel filling	195
Remote	
changing the battery	9
Remote control	4
Repairing minor paint damage	210
Replacing wiper blades	212
Restraints	24
Roof racks	69

RSE

AUX connections	151
AV1 and AV2	151
control from the front seats	149
DVD menu options	154
headphones	150
home menu options	153
legals	157
listen to menu options	155
remote control	152
remote control unlatching	153
screen features	156
screen format	156
screen icons	153
screen settings	156
supervisor screen	148
turning on	149
TV menu options	155
watch menu options	154
RSE supervisor screen	148
Running out of fuel	193

S

Safety	
airbags	31
child locks	22
child seats	24
child seats check list	26
seat belt checks	24
seat belts	22
using a telephone	160
Scratches and chips	210
Screen heaters	59
Seat belt reminder	24
Seat belts	22, 23
fastening a seat belt	22
height adjustment	22
releasing a seat belt	22
safety	22, 23
safety checks	24
use during pregnancy	22
warning lamp	24

Seats		
child seats	24	
Selecting dual view display	134	
Service interval indicator	50, 51	
Settings	52	
touch screen	118	
Sidelights	36	
Sitting in the correct position	14	
Smart Key		
changing the battery	9	
Snow chains	233	
Spare wheel removal	240	
Speech activation	158	
Speedometer	50	
SRS (Supplementary restraint system)	31	
Stability control	87	
Start/stop while moving	80	
Starting problems	80	
Steering column adjusting	21	
Steering column lock	7, 79	
Steering wheel heater	21	
Stop navigation guidance	182	
Stop navigation voice guidance	182	
Sulphur content in diesel fuel	193	
Sun blinds	44	
Sun visor lamps	39	
Sunroof	44	
anti-trap protection	45	
blinds	44	
operation	44	
Supplementary restraints system	31	
Surround camera system	113	
Switching the ignition on	79	
System settings	118	
T		
Tachometer	50	
Tailgate opening	7	
emergency operation	8	
Technical specifications		
bulbs	224	
capacities	221	
dimensions	223	
engine data	219	
fuel consumption	197	
fuel specification	196	
lubricants and fluids	219	
smart key transmitters	225	
weights	222	
wheel alignment	222	
wheels and tyres	224	
Telephone	160	
Bluetooth	160	
call divert	162	
call register	164	
call volume	162	
compatibility	160	
digit dial	162	
ending a call	162	
general information	160	
incoming calls	163	
last number redial	162	
last ten calls	164	
making a call	162	
messages	164	
missed calls	164	
new nametags	165	
pairing	161	
phonebook	163	
previous calls	164	
safety	160	
scratchpad	163	
status	162	
touch screen operation	162	
voice commands	164	
voice control	164	
voice mail	162	
voice nametags	165	

- Television
 - channel list 140
 - channel selection 140
 - controls 140
 - full screen controls 141
 - full screen view 141
 - preset channels 140
 - seek up/down 140
 - touch screen operation 140
- Temperature gauge 50
- Terrain response
 - before driving off-road 107
 - driver override options 108
 - operating 107
- Tether straps 30
- Timed climate 119
- Timed climate control 61
 - handset operation 61
 - touch screen setting 61
- Touch screen
 - portable media controls 131
 - telephone controls 162
 - television controls 140
- Touch screen care 118
- Touch screen settings 118
 - audio sound 118
 - system 118
 - vehicle 118
 - voice 118
- Touchscreen controls for 4 x 4 info - Chassis
 - view 190
- Tourist lever (headlamps) 38
- Tow assist camera 113
- Tow bar
 - detachable 74
 - drop plate 75
- Towing
 - tow ball dimensions 77
- Towing a trailer 72
 - electrical connection 71
 - essential checks 71
 - levelling 71
- Towing points 244
 - front and rear towing eyes 244
- Towing your vehicle 244
- Traction control 88
- Traction devices 233
- Trailer stability assist 88
- Trailer target sticker 113
- Transfer gearbox range changing 85
- Transmission
 - CommandShift mode 85
 - drive mode 84
 - kick-down 85
 - neutral 84
 - reverse 84
 - reverse gear 84
 - rotary gear selector 85
 - rotary gear selector fails to elevate 85
 - sport mode 84
 - vehicle recovery 85
- Transmission fault 85
- Trip computer 53
- Trip recorder 50
- Turning on the ignition 79
- TV 140
 - channel changing 138
 - channel search and store 137
 - country setting 139
 - EPG (electronic programme guide) 139
 - main menu 136
 - menu selection 137
 - settings and formats 139
 - using an alternative audio source 139
- TV hard key use 141
- TV operation in dual view display 135
- TV road speed inhibit 142
- Type approvals 249
 - declarations of conformity 249
- Tyre care 231
- Tyre changing
 - TPMS valve 96
- Tyre pressure monitoring system 95
- Tyre pressures 231
- Tyre replacement 232

Tyres	
age degradation	233
flat spots	233
pressure compensation for temperature changes	232
Tyres for winter use	233

U

USB devices	130
Using booster cables	227
Using cruise control	99
engaging	99
increasing speed	99
reducing speed	99
resuming a set speed	99
suspending	99
Using HDC	110
operation	110
selecting	110
Using seat belts during pregnancy	22
Using stability control	87
deactivating DSC	87
DSC	87
reactivating DSC	87
Using the remote control	
global opening	6
remote control	4
single/multipoint entry	6
Using the smart key	
global closing	11
locking	10
Using traction control	88
Electronic Traction Control (ETC)	88

V

Valet mode	119
Vehicle build date plate	248
Vehicle identification number (VIN)	248
Vehicle information and settings menu	52
Vehicle label locations	248

Vehicle recovery	244
after towing on four wheels	246
emergency park release	245
off-road	244
onto a trailer	244
steering lock	245
towing on four wheels	245
Vehicle settings	52, 118
VentureCam	107, 115
battery charging	115
controls	117
mounting	116
speed restriction	116
VIN	248
VIN locations	248
Voice control	158
command list	158
help mode	158
notepad	159
operating guide	159
session interruptions	159
tutorial	159
voice button	158
volume	159
Voice control commands for navigation	182
Voice control for telephone	164
Voice control of navigation	182
Voice mail	162
Voice settings	118

W

Wading depth	108
Warning lamps	54
forward alert	105
primary warnings	54
seat belt	24
secondary warnings	54
status check at ignition on	54
system status	54
Warning messages	51

Washer fluid check	218
topping up	218
Washers	
headlamp	43
rear	42
Washing	209
Weekly maintenance checks	198
Weights	222
Wheel alignment specifications	222
Wheel changing	242
Wheel chocks	240
Wheels and tyres	
technical specifications	224
Windows	44
anti-trap protection	45
operation	44
window isolator	44
Windscreen washer jets	
blocked jets	203
Windscreen wipers	41
rain sensor	42
single wipe	41
speed-dependent mode	42
wiper operation	41
Wiper blade replacement	212
Wipers	41
intermittent variable delay	42
rain sensor	42
rear	42
speed-dependent mode	42