

DECLARATIONS OF CONFORMITY



SiemensVDO Automotive AG, P.O. Box 10 09 43, D-83055 Regensburg

Name: Dignmar Kolar
 Department: SV CTS RBG EMC Laboratory
 Tel.: +49(0)941790-136699
 Fax: +49(0)941790-136699
 E-Mail: dignmar.kolar@siemens.com
 Internet: www.siemensvdo.de
 Our Ref.: Doc_SVV460996.doc
 Date: 03/08/2005

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 HF TG
 Siemensstrasse 12
 D-83054 Regensburg
 Germany

Product type designation: 5WK4 9096

Intended use: Radio frequency receiver used in vehicle locking/unlocking systems
 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:



Siemens VDO Automotive AG
 Regensburg, 2005-08-03

Jean-François Tarabilla
 Dr. Martin Fischer
 Executive Vice President
 Body and Chassis Electronics Operations

SiemensVDO Automotive AG
 Body & Chassis Electronics
 Helmut Maschke
 Klaus Müller
 Office Address: SiemensVDO Automotive AG
 D-83055 Regensburg
 Tel.: +49(0)941790-0

SiemensVDO Automotive AG, Chairman of the Supervisory Board: Edward G. Kuschak, Managing Board: Jürgen Werners, Chairman: Alexander Nasse, Egypt, Gatter Maschinenbau, John Lubliner, Registered Office: München, Commercial Registry: München, HRB 152227



SiemensVDO Automotive AG, P.O. Box 10 09 43, D-83055 Regensburg

Name: Dignmar Kolar
 Department: SV CTS RBG EMC Laboratory
 Tel.: +49(0)941790-136699
 Fax: +49(0)941790-136699
 E-Mail: dignmar.kolar@siemens.com
 Internet: www.siemensvdo.de
 Our Ref.: Doc_SVV2280002.doc
 Date: 09/11/2005

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

Manufacturer: Siemens VDO Automotive AG
 Body & Chassis Electronics

Address: Siemensstrasse 12
 P-30055 Regensburg
 Germany

Product type designation: S12Z780002

Intended use: Radio frequency transmitter used The 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:



Siemens VDO Automotive AG
 Regensburg, 2005-11-09

Jean-François Tarabilla
 Dr. Martin Fischer
 Executive Vice President
 Body and Chassis Electronics Operations

SiemensVDO Automotive AG
 Body & Chassis Electronics
 Helmut Maschke
 Klaus Müller
 Office Address: SiemensVDO Automotive AG
 P.O. Box 10 09 43
 D-83055 Regensburg
 Tel.: +49(0)941790-0

SiemensVDO Automotive AG, Chairman of the Supervisory Board: Edward G. Kuschak, Managing Board: Jürgen Werners, Chairman: Alexander Nasse, Egypt, Gatter Maschinenbau, John Lubliner, Registered Office: München, Commercial Registry: München, HRB 152227

Lear Corporation
Electronics Systems Division
2155 Tracy Road
Southfield, MI 48033-4248
USA
Phone (248) 447-1599



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 fobs

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 #: AH22-19H440 (Land Rover)
Model #: AW65-15K601A (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.

Lear Corporation
Electronics Systems Division
2155 Tracy Road
Southfield, MI 48033-4248
USA
Phone (248) 447-1599



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: KOBJBG10B
 Model Numbers: SE0770337, 19H440, AH22-19H440, AH42-19H440-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
 CEPT/ETSI/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

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, Lear Corporation

Date: 27 March 2009

EC Declaration of Conformity

EC Directive: 1999/5/EC
 Manufacturer: Lear Corporation
 Type Designation / FCC ID: KOBJBG10A
 Model Numbers: SE0770337, 19H440, AH22-19H440-AC, AH42-19H440-AD, AH42-19H440, 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
 CEPT/ETSI/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

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, 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
 AS/NZS 4268
 Responsible Person: Kevin Cotton
 Lear Corporation
 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, Lear Corporation

Date: 27 March 2009

EC Declaration of Conformity

EC Directive: 1999/5/EC
 Manufacturer: Lear Corporation
 Type Designation: 15K601
 Model Numbers: SE0B50127, SE0B60127, 15K601-BB, AH42-15K601B, AH22-15K601B, AH42-15K601-BC, AH22-15K601-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
 AS/NZS 4268
 Responsible Person: Kevin Cotton
 Lear Corporation
 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, Lear Corporation

Date: 26 March 2009

QuieTek

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
Lear Corporation
二、製造廠商：Range Rover FOB
三、器材名稱：Range Rover / 5E0B60227
四、廠牌/型號：315MHz
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：

說明：

- 請依下列標識式樣自製標識，標貼或印鑄於器材本體明顯處，始得販售或公開陳列。
- 經型式認證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。
- 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、電功率者，除依電波法規定處罰外，加處罰鍰(備註)並得停止其型式認證證明或型式認證標識。
- 違章廠商應保留送審樣品供日後核對。
- 本型式認證證明及其合格標識僅供申請者專用，不得轉讓他人。本證明持有入檢附同意書報請國家通訊傳播委員會備查後，方授權他人於同廠牌同型號之器材，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。
- 本認證標識係由國家通訊傳播委員會委託，經發本型式認證證明。
- 本器材所使用圖示之無線電型號如下：
Lear Corporation / N/A

QuieTek

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
Lear Corporation
二、製造廠商：RFA (Passive Start)
三、器材名稱：LEAR / 5E0700337
四、廠牌/型號：125KHz; 61.5dBuV/m(Average)
五、發射功率（電場強度）：125KHz
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：

說明：

- 請依下列標識式樣自製標識，標貼或印鑄於器材本體明顯處，始得販售或公開陳列。
- 經型式認證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。
- 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、電功率者，除依電波法規定處罰外，加處罰鍰(備註)並得停止其型式認證證明或型式認證標識。
- 違章廠商應保留送審樣品供日後核對。
- 本型式認證證明及其合格標識僅供申請者專用，不得轉讓他人。本證明持有入檢附同意書報請國家通訊傳播委員會備查後，方授權他人於同廠牌同型號之器材，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節之規定。
- 本認證標識係由國家通訊傳播委員會委託，經發本型式認證證明。
- 本器材所使用圖示之無線電型號如下：
Lear Corporation / N/A



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
Lear Corporation

二、製造廠商：REA (Passive Start & Start Module)

三、器材名稱：LEAR / SE0770237

四、廠牌/型號：LEAR / SE0770237

五、發射功率 (電場強度)：125KHz; 63.34BdV/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：

說明：

1. 請依下列標識式樣自製標識，標貼或印鑄於器材本體明顯處，如詳細章或公開陳列。
2. 標識式認證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、電力非者，除依電信法規之處罰外，檢附機關(構)並得廢止其型式認證證明或型式認證標識。
4. 違章廠商應自通知當日起三個月內改善，逾期不改善者，本證明持有入檢附同意書報請國家通訊傳播委員會備查後，得授權他人於同意範圍內型式之器材，使用其合格標識。
5. 本型式認證證明及其合格標識僅供使用專屬廠牌取得本證明者，本證明持有入檢附同意書報請國家通訊傳播委員會備查後，得授權他人於同意範圍內型式之器材，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 2.8節之規定。
- 2、本廠機機係由國家通訊傳播委員會審定，核發本型式認證證明。
- 3、本器材所使用國定式式樣廠牌/型號如下：
Lear Corporation / N/A



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
Lear Corporation

二、製造廠商：Range Rover FOB

三、器材名稱：Range Rover / SE0B50227

四、廠牌/型號：Range Rover / SE0B50227

五、發射功率 (電場強度)：315MHz; 84.195dBu V/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：

說明：

1. 請依下列標識式樣自製標識，標貼或印鑄於器材本體明顯處，如詳細章或公開陳列。
2. 標識式認證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、電力非者，除依電信法規之處罰外，檢附機關(構)並得廢止其型式認證證明或型式認證標識。
4. 違章廠商應自通知當日起三個月內改善，逾期不改善者，本證明持有入檢附同意書報請國家通訊傳播委員會備查後，得授權他人於同意範圍內型式之器材，使用其合格標識。
5. 本型式認證證明及其合格標識僅供使用專屬廠牌取得本證明者，本證明持有入檢附同意書報請國家通訊傳播委員會備查後，得授權他人於同意範圍內型式之器材，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、本廠機機係由國家通訊傳播委員會審定，核發本型式認證證明。
- 3、本器材所使用國定式式樣廠牌/型號如下：
Lear Corporation / N/A



Continental Automotive GmbH - Postfach 102 50 - 50003 Hagenberg

Kolke Designer
AOL 895 42
Phone +49 (0)41 790-16099
Fax +49 (0)41 790-136999
dagmar.kolke@continental-corporation.com

Your reference

Our Reference

Your message about

Date

July 29, 2008

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

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 60950-1: 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

low
.....
Norbert Müller
Director Product Group 3
Body & Security

Continental Automotive GmbH
Postfach 102 50
D-50003 Hagenberg
Germany
Phone +49 341 790-4
Fax +49 341 790-4099
http://www.continental-automotive.com

快特電波股份有限公司

低功率射頻電機型式認證證明



98 年 07 月 01 日

CCAH09LP0830TI

一、申請者: Lear Corporation
 二、製造廠商: Lear Corporation
 三、器材名稱: Jaguar fob
 四、廠牌/型號: JAGUAR / SE0B4P217
 五、發射功率 (電場強度): 315MHz; 83.225dBW/m(Peak)
 六、工作頻率: 315MHz

七、審核日期: 98 年 07 月 01 日

八、審核合格標識式樣: 

說明:

- 請依上列標識式樣自製標識, 標貼在印鑄於器材本體明顯處, 始得販售及公開陳列。
- 標識式樣應符合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。
- 違反低功率電磁輻射性電機管理辦法之規定, 擅自使用或變更無線電機標識、電力標章, 除依電信法規之處罰外, 驗收機關(構)並得停止其型式認證證明或型式認證標識。
- 違章廠商應保留這些產品供日後核對。
- 本型式認證證明及其合格標識使用權專屬取得本證明者, 或電信管制射頻器材審驗辦法第 15 條規定, 持有入件經由開辦國際申請他人於同廠牌同型號之電信管制射頻器材使用型式認證標識, 並於次日起 30 天內, 應檢具「電信管制射頻器材審驗合格標識表」符合性證明標識同意使用權表表, 送本會備查。

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。
- 驗收機關係國家通訊傳播委員會委託, 核發本型式認證證明。
- 本器材使用固定式天線, 應即型號為Lear Corporation / N/A。



전자문서확인번호 WISF-316L-V75G-VYD

방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

형식등록(Type Registration)

LEAR CORPORATION

특정소용해부신기기(태이더전송용 무선기기)

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/제조국가
Manufacturer/Country of Origin

형식기호
Type Identification

2009년(Year) 07월(Month) 15일(Date)

인증연월일
Date of Certification

기타
Others

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



진과연

Director General of Radio Research Laboratory
Korea Communications Commission Republic of Korea



전자문서확인번호 NC-09-1219-8T4V-1KEE

방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

형식등록(Type Registration)

LEAR CORPORATION

태이더전송용 무선기기

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/제조국가
Manufacturer/Country of Origin

형식기호
Type Identification

2009년(Year) 05월(Month) 29일(Date)

인증연월일
Date of Certification

기타
Others

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



진과연

Director General of Radio Research Laboratory
Korea Communications Commission Republic of Korea



SL1538



전자문서확인번호 7N7R-CFN-10001-SUUX

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

LEAR CORPORATION
비야 컴세강도 무선기기

기본모델명
Basic Model Number
과형모델명
Series Model Number

5B0770237

인증번호
Certification No
제조자/제조국가
Manufacturer/Country of Origin

LEAR-5B0770237
Lear Valls Automotive Electronics and Electrical/스페인

2009년(Year) 09월(Month) 04일(Date)

형식기호
Type Identification
인증일월일
Date of Certification

기타
Others

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



진파연구소장

Director General of Radio Research Laboratory

Korea Communications Commission Republic of Korea

본 인증서에는 전자문서 확인번호가 포함되어 있으며, 본 인증서에는 전자문서 확인번호가 포함되어 있습니다.



전자문서확인번호 JWC-AS1Q-BF4C-10BT

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

LEAR CORPORATION
비야 컴세강도 무선기기

기본모델명
Basic Model Number
과형모델명
Series Model Number

5B0770237
5B0770337

인증번호
Certification No
제조자/제조국가
Manufacturer/Country of Origin

LEAR-5B0770237
Lear Valls Automotive Electronics and Electrical/스페인

2009년(Year) 09월(Month) 04일(Date)

형식기호
Type Identification
인증일월일
Date of Certification

기타
Others

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



진파연구소장

Director General of Radio Research Laboratory

Korea Communications Commission Republic of Korea

본 인증서에는 전자문서 확인번호가 포함되어 있으며, 본 인증서에는 전자문서 확인번호가 포함되어 있습니다.



Independent Communications Authority of South Africa

Private Bag 110022, Sandton, 2146

Radio Equipment Type Approval Certificate

Radio Equipment Type Approval Number

TA-2008/002

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 (7) of the Electronic Communications Act and subject to the terms and conditions set out in this document for the use of the radio equipment, 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 Vermoeten Road, Silverton
 Postal Code : 2194
 Facsimile Number : 012 845 1005
 Registration Number : 200102726807

Description of Apparatus

Category : Remote Function Actuator (RFA)
 Frequency Range : K08-B0108
 ITU Emission Code : 12K10M4
 Modulation : BPSK
 Power Output : +37.7 dBm @ 3m
 Channel Spacing :
 Features :

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

Phyllis Mphahlele
 Phyllis Mphahlele
 Senior Manager: Engineering & Technology

0 9 JUN 2008

P. Mphahlele (Chairperson), Ms. Binyi, T.V. Makhwane, K. Mkhulu, B.B. Nomotho, P.K. Sibunde, Dr. AM. Sisonkele, Prof. J.C.W. van Rooyen SC, IMZ Zokwe (Councillors), BK. Ndlovu (CEO)



Independent Communications Authority of South Africa

Private Bag 110022, Sandton, 2146

Radio Equipment Type Approval Certificate

Radio Equipment Type Approval Number

TA-2008/003

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 (7) of the Electronic Communications Act and subject to the terms and conditions set out in this document for the use of the radio equipment, 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 Vermoeten Road, Silverton
 Postal Code : 2194
 Facsimile Number : 012 845 1005
 Registration Number : 200102726807

Description of Apparatus

Category : Remote Function Actuator (RFA)
 Frequency Range : K08-B0108
 ITU Emission Code : 12K10M4
 Modulation : BPSK
 Power Output : +40.7 dBm @ 3m
 Channel Spacing :
 Features :

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

Phyllis Mphahlele
 Phyllis Mphahlele
 Senior Manager: Engineering & Technology

0 9 JUN 2008

P. Mphahlele (Chairperson), Ms. Binyi, T.V. Makhwane, K. Mkhulu, B.B. Nomotho, P.K. Sibunde, Dr. AM. Sisonkele, Prof. J.C.W. van Rooyen SC, IMZ Zokwe (Councillors), BK. Ndlovu (CEO)



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

A

Accessories	150
Adaptive front lighting system (AFS)	29
Adjusting the headlamps for	
driving abroad	28
Adjusting the windscreen washer jets	
Blocked jets	141
AFS	29
Airbag service information	27
Airbag warning lamp	26
Airbags	23, 24
components	24
deployment	26
operation	24
Alternative frequencies	85
Alternative Frequency (AF) -	
Premium audio	85
Alternative Frequency (AF) -	
Standard audio	85
Alternative routes	114
Audio control	82
Balance adjustment	82
Bass response adjustment	82
Centre speaker settings	82
Fader adjustment	82
Resetting tone values	82
Subwoofer settings	82
Surround sound settings	82
Treble response adjustment	82
Audio controls	91
Auto-dimming	109
Autolamps	28
Automatic climate control	46
Controls	46
Automatic transmission	
Automatic mode	61
Autostore control	83
Autostoring radio stations -	
Premium audio	83
Autostoring radio stations -	
Standard audio	83
Auxiliary heater	48
Avoid points	112

B

Battery	
warning symbols	165
Battery care	165
Battery charging	169
Battery warning indicator	58
Bluetooth	97
compatibility	98
Bluetooth setup	98
Adding or changing a telephone	99
Loss of Bluetooth link	100
Removing a telephone from the system	100
Bonnet lock	139
Booster cables	166
Booster cushions	23
Brake and clutch fluid check	156
Checking the fluid level	157
Topping up the fluid	157
Brakes	
Principle of operation	65
Brightness settings	109
Bulb changing	141
Bulb specification chart	163

C

Calculating a route	118
Calibration	110
Cancelling guidance	118
Car wash	151
Changing a bulb	141
General information	141
Changing a fuse	175
Changing a road wheel	180
Locking wheel nuts	182
Temporary spare wheel	182
Wheel changing safety	181
Changing the vehicle battery	169
Battery disposal	170
Disconnecting	169
Effects of disconnecting	169
Refitting	170
Replacement batteries	170

- Channel automatic tuning 92
 - Channel options. 93
 - Scanning channels. 93
 - Selecting a channel 93
 - Selecting a subchannel 93
 - Selecting an ensemble. 92
 - Signal availability. 93
 - Charging the vehicle battery 169
 - Child locks. 15
 - Child seats. 18
 - anchor points. 21
 - check list 20
 - Isofix anchor points. 21
 - positioning. 19
 - safety. 20
 - Tether anchorage points 23
 - tether anchorage points. 22
 - tether straps 22
 - Cleaning the exterior 151
 - Cleaning after off-road driving. 151
 - Cleaning the interior 151
 - Airbag module covers 152
 - Leather 152
 - Plastic and cloth 151
 - Seat belts. 152
 - Clock 40
 - Compact disc display options 89
 - Compact disc function menu. 89
 - Compact disc pause 89
 - Compact disc playback 89
 - Compact disc selection 88
 - Compact disc track scanning. 90
 - CD scan - Premium audio 90
 - CD Scan - Standard audio 90
 - Compass view 117
 - Conformity declaration 125
 - Contrast settings 109
 - Coordinates 116
 - Courtesy lighting 30
 - Cruise control 73
 - Cup holders. 50
-
- D**
 - Data recording 183
 - Dealers 119
 - Declaration of conformity. 125
 - Deleting a memory point. 112
 - Destination entry. 113
 - alternative routes 114
 - coordinates 116
 - house number. 114
 - map. 116
 - memory points 116
 - motorway 117
 - postcode 115
 - previous 116
 - route preferences 114
 - search area 113
 - street name. 114
 - town name 113
 - waypoints 115
 - Detour. 117
 - Diesel Particulate Filter (DPF) 138
 - Dimensions. 162
 - Disabling the passenger airbag. 25
 - Display
 - heading up 117
 - North up 117
 - Display options. 91
 - Door mirrors. 33
 - Driving after a collision. 183
 - Before starting or driving 183
-
- E**
 - Eco button 60
 - Editing a memory point. 112
 - Ejecting compact discs. 88
 - Ejecting multiple compact discs 88
 - Electric seats. 10
 - Driving position memory 12
 - Electric sunroof
 - Calibration. 150
 - Electric windows
 - Overriding anti-trap protection 32

- Window reset 150
 - Engine compartment overview 140
 - Engine coolant check
 - Checking the coolant level 155
 - Topping up the coolant 156
 - Engine oil check 154
 - Checking the oil level 154
 - Engine oil specification 155
 - Topping up the oil 155
 - Engine stall 60
 - Enhanced other network (RDS-EON) 85
 - Entering a house number 114
 - Entering a postcode 115
 - Entering a street name 114
 - Entering a town name 113
 - Essential towing checks 56
 - Event data recording 150, 183
 - Exterior mirrors 33
 - adjusting and folding 33
 - mirror dip when reversing 34
 - External temperature 40
- F**
- Fascia 208
 - Fastening the seat belts 15
 - Flat spots 172
 - Fog lamps 28
 - Fuel
 - tank capacity 135
 - Fuel and refuelling
 - Technical specifications 136
 - Fuel burning heater 48
 - Fuel consumption 136
 - Fuel filler flap 133
 - Fuel gauge 40
 - Fuel quality 132
 - Alternative fuels for petrol engines 132
 - Diesel engined vehicles 133
 - Petrol engined vehicles 132
 - Fuse box locations 174
 - Fuse specification chart
 - Engine compartment fuse box 175
 - Passenger compartment fuse box 177, 178
- G**
- Garage door opener 35
 - Garage door transceiver
 - before programming 35
 - entry gate programming 37
 - information and assistance 37
 - programming 35
 - reprogramming a single garage door opener button 37
 - rolling code device equipment
 - programming 36
 - to erase all programming 36
- H**
- Handbrake 66
 - HDC 77
 - Head restraints 12
 - Heading up display 117
 - Headlamp adjustment for driving abroad 28
 - Headlamp levelling 29
 - Halogen headlamps 29
 - Headlamp washers 39
 - Headlamps 28
 - driving abroad 28
 - high beam 28
 - low beam 28
 - tourist adjustment 28
 - tourist adjustment - Xenon 28
 - Heated mirrors 48
 - High beam 28
 - Hill descent control 77
 - Hints on driving with ABS
 - ABS warning indicator 65
 - Electronic Brake Distribution (EBD) 65
 - Emergency Brake Assist (EBA) 65
 - Home 113
 - Homelink 35
 - House number 114
- I**

- Icon display (POI) 119
 - Icons 112
 - cancelling POI icons 119
 - Installing an Isofix child restraint 22
 - Instrument panel overview 40
 - Instrument panel 40
 - Interior lights 30
 - front 30
 - rear 30
 - Isofix anchor points 21
 - installation 22
 - Isofix child seats 21
 - installation 22
- J**
- Jump starting 166
- K**
- Keyboard layout 110
- L**
- Land Rover Dealers 119
 - Language selection 111
 - Language settings 109
 - Levelling 55
 - Licenses 125
 - Lighting 28
 - adaptive front lighting (AFS) 29
 - exterior 28
 - interior 30
 - Lighting control 28
 - headlamps 28
 - Main switch panel 28
 - Lights 28
 - adaptive front lighting (AFS) 29
 - courtesy lighting 30
 - exterior 28
 - headlamps 28
 - high beam 28
 - interior 30
 - low beam 28
 - sidelights 28
 - Loading compact discs 87
 - Load all 88
 - Loading a CD - Single disc player 87
 - Loading a CD - Six disc player 87
 - Loading the map DVD 108
 - Locking
 - child locks 15
 - Locking and unlocking
 - Drive-away locking 8
 - Locking and unlocking from inside the vehicle 8
 - Mislock 8
 - Locks
 - charging the Smart Key battery 6
 - Low beam 28
 - Low oil pressure 58
 - Luggage anchor points 53
- M**
- Main menu 109
 - Maintenance
 - General information 137
 - Technical specifications 160
 - Manual climate control 45
 - Controls 45
 - Manual seats 9
 - Manual transmission 62
 - Map 116
 - Map text size 110
 - Memory points 111, 116
 - adding 111
 - adding a phone number 112
 - attributes 111
 - deleting 112
 - editing 112
 - editing a location 112
 - icons 112
 - naming 111
 - showing the name 112
 - Mirrors 48
 - exterior 33
 - operation 33

- powerfold 33
 - reverse auto-dip. 34
 - Motorway 117
 - Motorway entry/exit. 111
 - MP3 file playback 90
 - Mute 118
- N**
- Naming a memory point 111
 - Navigation
 - calculate route 118
 - cancel guidance 118
 - compass 117
 - destination entry 113
 - alternative routes 114
 - coordinates 116
 - house number 114
 - map 116
 - memory points 116
 - motorway 117
 - postcode 115
 - postcode format 116
 - previous destinations 116
 - route preferences 114
 - search area 113
 - street name 114
 - town name 113
 - waypoints 115
 - detour 117
 - display route 117
 - loading the DVD 108
 - main menu 109
 - memory points 111
 - add. 111
 - adding a phone number 112
 - attributes 111
 - deleting 112
 - editing 112
 - editing a location 112
 - icons 112
 - naming 111
 - showing the name 112
 - mute guidance 118
 - points of interest (POI) 118
 - cancelling icon display 119
 - categories 120
 - entry by category 119
 - entry by town 119
 - icon display 119
 - Land Rover dealers 119
 - list button 120
 - quick POI category change 120
 - quick POI selection 120
 - search area 120
 - quick POI
 - select a category 120
 - quick POIs 110
 - route preview 117
 - route settings 117
 - safety 107
 - screen settings 109
 - auto dimming 109
 - brightness and contrast 109
 - setting avoid points 112
 - settings 110
 - button feedback 109
 - calibration 110
 - languages 109
 - preferences 109
 - settings menu 109
 - stored locations 111
 - destination/waypoint 112
 - home 113
 - TMC 121
 - all traffic events 124
 - display 121
 - event icons 122
 - surveillance points 124
 - traffic on route 123
 - using TMC 123
 - voice guidance 123
 - turn list 117
 - vehicle position/direction 110
 - Navigation main menu 109
 - Navigation overview

- end user agreement 125
 - Navigation setup 109
 - calibration 110
 - language selection 111
 - quick POI selection 110, 120
 - user settings 110
 - News broadcasts 85
 - News station preference 86
 - North up display 117
- O**
- Oil check 154
 - Opening and closing the bonnet 139
- P**
- Parking aid
 - Principle of operation 69
 - Parking brake 66
 - Applying the parking brake 66
 - Releasing the parking brake 66
 - Phone 97
 - Phonebook 104
 - Phonebook menu 104
 - Points of interest
 - selecting a quick POI category 120
 - Points of interest (POI) 118
 - cancelling the icon display 119
 - categories and sub-categories 120
 - entry by category 119
 - entry by town 119
 - icon display 119
 - Land Rover Dealerships 119
 - list 120
 - local POI search 121
 - other selection methods 119
 - quick POI selection 120
 - search area 120
 - town centres 119
 - POI's - quick selection 110
 - Postcode 115
 - Postcode format 116
 - Power steering fluid check 158
 - Checking the fluid level 158
 - Topping up the fluid 158
- Q**
- Preset buttons 93
 - Recalling a preset channel 94
 - Scrolling through presets 94
 - Storing channels as presets 93
 - Previewing the route 117
 - Previous destinations 116
 - Principle of operation
 - Gradient release control (GRC) 78
 - Priority programme type (PTY) 86
 - PTY search - Premium audio 86
 - PTY seek - Standard audio 87
 - PTY selection - Premium audio 86
 - Puddle lamps 30
- Q**
- Quick POI
 - changing a category 120
 - selecting a category 120
 - selection 120
 - Quick POI's 110
- R**
- Radio data system (RDS) 84
 - Selecting RDS 84
 - Rain sensor 39
 - RDS-TMC 121
 - accessing a surveillance point 124
 - all traffic events 124
 - alternative routes 123
 - avoiding traffic events 123
 - display 121
 - dynamic navigation 123
 - on route events 123
 - surveillance points 124
 - traffic event icons 122
 - traffic event information 124
 - traffic on route 123
 - using event icons 123
 - using TMC 123
 - voice guidance 123

- Reading lamps 30
- Rear seats
 - Folding the rear seats 13
- Rear view mirrors 33
- Rear window washer 39
- Rear window wiper 39
- Recommended towing weights 55
- Refuelling 134
 - Fuel filler 134
- Regional mode (REG) 84
 - Regional mode - Premium audio 84
 - Regional mode - Standard audio 84
- Remote
 - charging the battery 6
- Remote control 4
- Repeat compact disc tracks 90
- Resetting the audio unit 87
- Restraints 18
- Route
 - calculating 118
- Route detour 117
- Route display 117
- Route options 117
- Route preferences 114
- Route preview 117
- Route settings 117
- Route turn list 117
- Running out of fuel 133

- S**
- Safety 107
 - airbags 23
 - child locks 15
 - child seats 18
 - child seats check list 20
 - seat belt checks 17
 - seat belts 15
 - using a telephone 98
- Safety precautions 132
- Screen settings 109
- Search area 113
- Seat belt reminder 18
- Seat belts 15, 17
 - fastening a seat belt 15
 - height adjustment 15
 - releasing a seat belt 15
 - safety 15, 17
 - safety checks 17
 - use during pregnancy 15
 - warning lamp 18
- Seats
 - child seats 18
- Selecting DAB 92
- Setting a destination 113
- Setting a waypoint 115
- Setting avoid points 112
- Settings 94, 110
 - Advanced settings 95
 - Auto-tune 94
 - button feedback 109
 - DAB radio text 94
 - DAB search 94
 - FM traffic and news 96
 - language 111
 - languages 109
 - menu 109
 - preferences 109
 - touch-screen 109
- Setup 110
- Shuffle/random
 - Random selection - Premium audio 89
 - Random selection - Standard audio 89
- Sidights 28
- Sitting in the correct position 11
- Smart Key
 - charging the battery 6
- Snow chains 173
- Speedometer 40
- SRS (Supplementary restraint system) 23
- Stability control 63
- Stalling the engine 60
- Starting a diesel engine 59
 - Manual transmission 59
 - Stopping the engine 59
- Starting a petrol engine 58

- Starting 58
 - Station preset buttons 83
 - Stop/Start 59
 - Stopping navigation guidance 118
 - Stored locations 111
 - avoid points 112
 - destination/waypoint 112, 113
 - home 113
 - memory 111
 - store a memory point 111
 - Street name 114
 - Sun blinds 31
 - Sun visor lamps 30
 - Sunroof 31
 - anti-trap protection 32
 - blinds 31
 - operation 31
 - Supplementary restraints system 23
 - Switching off voice guidance 118
- T**
- Tachometer 40
 - Technical specifications
 - Capacities 161
 - engine data 160
 - Fuel consumption 136
 - Fuel specification 135
 - Lubricants and fluids 160
 - Telephone 97, 102
 - Bluetooth 97
 - compatibility 98
 - general information 97
 - safety 98
 - Telephone setup 100
 - Dialled calls 101
 - Missed calls 100
 - Phone settings 101
 - Received calls 101
 - Telephone main menu 100
 - Telephone voice control 106
 - Temperature gauge 40
 - Tether straps 22
 - Text size on map 110
 - Touch-screen
 - auto-dimming 109
 - Touch-screen display
 - brightness/contrast 109
 - menu 109
 - Tourist lever (headlamps) 28
 - Towing
 - tow ball dimensions 57
 - Towing a trailer 55
 - Trailer electrical connection 55
 - Towing points 71
 - Front and rear towing eyes 71
 - Town name 113
 - Traction control 64
 - Traction devices 173
 - Traffic information control 83
 - Traffic Programme (TP) preference 83
 - Traffic Master Channel (TMC) 121
 - Trip computer 41
 - Trip recorder 40
 - Turn list 117
 - Type approvals 185
 - Declarations of conformity 185
 - Tyre care 171
 - Tyre repair kit 127
 - Checking the tyre pressure after a repair 130
 - Land Rover tyre repair kit 128
 - Land Rover tyre repair kit safety information 127
 - Using the Land Rover tyre repair kit 129
 - Tyres
 - age degradation 172
 - flat spots 172
 - pressure compensation chart 172
 - pressure compensation for temperature changes 172
- U**
- User settings 110
 - Using booster cables 166

- Using cruise control 73
 - Engaging cruise control 73
 - Increasing the cruise speed 74
 - Reducing the cruise speed 73
 - Suspending cruise control 73
 - Using HDC 77
 - HDC operation 77
 - Selecting HDC 77
 - Warning messages 78
 - Using seat belts during pregnancy 15
 - Using stability control 63
 - Deactivating DSC 63
 - DSC 63
 - DSC system fault 64
 - Reactivating DSC 63
 - Using terrain response
 - Before driving off-road 75
 - Driver override options 76
 - Terrain Response operation 75
 - Using the parking aid
 - Sensor care 70
 - System fault 70
 - Using the remote control
 - Locking 7
 - Remote control 4
 - Using the telephone 102
 - Making telephone calls 102
 - Receiving telephone calls 103
 - Selecting telephone mode 102
 - Telephone in-call menu 103
 - Voice mail 104
 - Using traction control 64
 - Electronic Traction Control (ETC) 64
 - switching off 118
 - Volume control 81
 - Automatic Volume Control (AVC) 81
 - Reset volume settings 81
- W**
- Warning indicators 58
 - Warning lamps 42
 - indicator check 42
 - seat belt 18
 - Washer fluid check 159
 - Topping up the fluid 159
 - Washers
 - headlamp 39
 - rear 39
 - Washing 151
 - Waveband button 82
 - Waypoints 115
 - Weights 162
 - Wheels and tyres
 - Technical specifications 164
 - Windows 31
 - anti-trap protection 32
 - one-touch operation 32
 - operation 31
 - window isolator 31
 - Windscreen wipers 38
 - rain sensor 39
 - single wipe 38
 - speed-dependent mode 39
 - wiper operation 38
 - Wipers 38
 - rain sensor 39
 - rear 39
 - speed-dependent mode 39
- V**
- Vehicle build date plate 184
 - Vehicle identification number (VIN) 184
 - Vehicle position/direction 110
 - Vehicle settings
 - distance measurement 109
 - VIN 184
 - Voice guidance