

For the purpose of certification, ISOQA does not certify the product, but the factory.

# CERTIFICATE of Type Approval

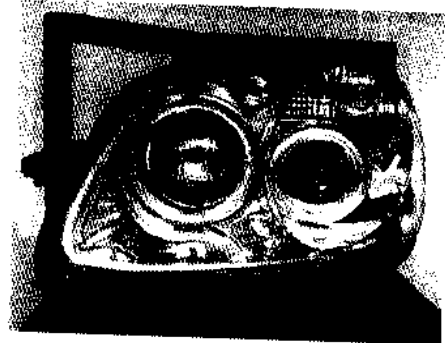
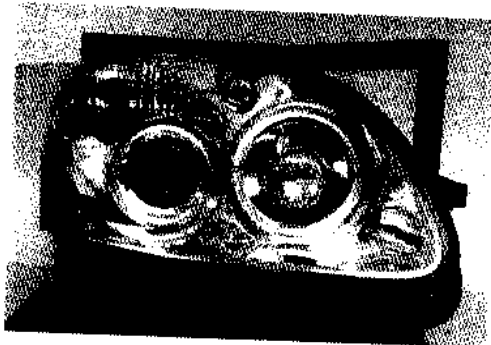
No: **0032-00099**

According to the

Test Report No. **EAH177941 1405**

ISOQA hereby certifies the samples with following details are complied with the related requirements :

Front Direction Indicator	of ECE Regulation 6
Front Position Lamp	of ECE Regulation 7
Passing Beam	of ECE Regulation 112
Driving Beam	of ECE Regulation 112



Model No. **SK3301 117K96 & SK3302 117K96**  
 Make: **Sonar Auto Parts Company Limited**  
 Address: **No.427, Sec.2 Wenhua Road, Panchiao, Taipei, Taiwan.**

Signed by

Date of approval: 2007/4/23

*Arthur Chang*

Arthur C. H. Chang

Chief Executive Officer

Integrated Service of Quality Assessment

This certificate is applicable to samples tested only.

This certificate is not a stand-alone document.

The certificate has to be used together with the

Certificate of Conformity of Production.

Expiry date: 2007/7/23

E1/ E11/DOT/SAE  
 Made in Taiwan  
 Approved by ISOQA  
 台灣生產, 建維驗證



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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 1/03

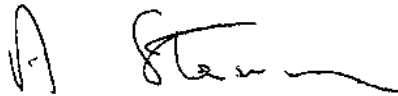


COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A TYPE  
OF DIRECTION INDICATOR PURSUANT TO REGULATION NO 6.01

Approval No: 011405

1. Trade name or mark of the device: 
2. Manufacturer's name for the type of device: SK3301 117K96 and SK3302 117K96
3. Manufacturer's name and address:  
  
Sonar Auto Parts Company Limited  
No.427, Sec.2 Wenhua Road  
Panchiao  
Taipei  
Taiwan
4. If applicable, name and address of the manufacturer's representative: Not applicable
5. Submitted for approval on: 18 December 2006
6. Technical service responsible for conducting the approval tests: Vehicle Certification Agency
7. Date of report issued by that service: 20 April 2007
8. Number of report issued by that service: EAH177941



9. Concise description:  
Category: 1  
  
Number and category of filament lamp(s): 1 x PY21W  
  
Geometrical conditions of installation and relating variations, if any: Not applicable  
  
Only for limited mounting height of equal to or less than 750 mm above the ground: No
10. Position of the approval mark: On the lens
11. Reason(s) for extension (if applicable): Not applicable
12. Approval: GRANTED
13. Place: BRISTOL
14. Date: 23 APRIL 2007
15. Signature: 
16. The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request.

A. W. STENNING  
Head of Product Certification

EAH177941





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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 1/03



COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A TYPE  
OF DEVICE PURSUANT TO REGULATION NO: 7.02

Approval No: 021405

1. Trade name or mark of the device 
2. Manufacturer's name for the type of device: SK3301 117K96 and SK3302 117K96
3. Manufacturer's name and address:  
Sonar Auto Parts Company Limited  
No.427, Sec.2 Wenhua Road  
Panchiao  
Taipei  
Taiwan
4. If applicable, name and address of the manufacturer's representative: Not applicable
5. Submitted for approval on: 18 December 2006
6. Technical service responsible for conducting the approval tests: Vehicle Certification Agency
7. Date of report issued by that service: 20 April 2007
8. Number of report issued by that service: EAH177941
9. Concise description:



By category of lamp: A

For mounting either outside or inside or both: Outside

Colour of light emitted: White

Number and category of filament lamp(s): 1 x W5W

Special supply voltage: 12 Volts

Application of additional supply system: No

Switched power supply: Not applicable

Geometrical conditions or installation and relating variations if any: Not applicable

Only for limited mounting height or equal to or less than 750mm above the ground: No

10. Position of the approval mark: On the lens

11. Reason(s) for extension (if applicable): Not applicable

12. Approval: GRANTED

13. Place: BRISTOL

14. Date: 23 APRIL 2007

15. Signature: 

A.W. STENNING  
Head of Product Certification

16. The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request.

EAH177941





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Rev 1/03

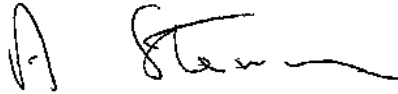


COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A TYPE OF  
HEADLAMP PURSUANT TO REGULATION NO 112.00

Approval No: 001405

1. Trade name or mark of the device: 
2. Manufacturer's name for the type of device: SK3301 117K96 and SK3302 117K96
3. Manufacturer's name and address:  
Sonar Auto Parts Company Limited  
No.427, Sec.2 Wenhua Road  
Panchiao  
Taipei  
Taiwan
4. If applicable, name and address of the manufacturer's representative: Not applicable
5. Submitted for approval on: 18 December 2006
6. Technical service responsible for conducting the approval tests: Vehicle Certification Agency
7. Date of report issued by that service: 20 April 2007
8. Number of report issued by that service: EAH177941



9. Concise description:  
Category as described by the relevant marking: HC/ for passing beam and  
HR for driving beam
- Number and category(ies) of filament lamp(s): 2 x H1 12V55W for passing beam and driving beam
10. Approval mark position: On the lens
11. Reason(s) for extension of approval: Not applicable
12. Approval : GRANTED
13. Place: BRISTOL
14. Date: 23 APRIL 2007
15. Signature:  A.W. STENNING  
Head of Product Certification
16. The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request.

EAH177941



# SONAR AUTO PARTS CO., LTD.

秀山交通器材股份有限公司

## Information Document

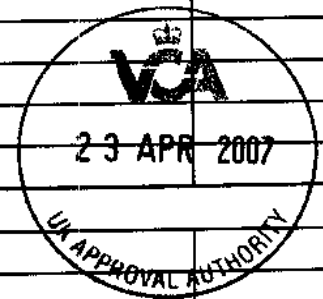
for Initial

application to ECE Homologation

of Model Number

SK3301 117K96 and SK3302 117K96

items	Details		Initial	Extension-00	Remark
1.	VCA				
1.1	Job Number		EAH177941		
1.2	Approval Number		1405		
2.	Manufacturer				
2.1	Name		SONAR AUTO PARTS CO., LTD.		
2.2	Address		No.427, SEC.2 WENHUA Rd., PANCHIAO, TAIPEI, TAIWAN		
2.3	Trade name or mark		SONAR		
3.	Product		Head lamp		
3.1	Model Number		SK3301 117K96 and SK3302 117K96		
3.2	Intended functions	Charteristic			
3.2.1	Front Direction Indicator (Reg. 6)	Category	1a		
		Bulb	PY21W 12V 21W		
		Color of light	Amber		
		Color of lens	Clear		
3.2.2	Front Position Lamp (Reg.7)	Category	A		
		Bulb	W5W 12V 5W		
		Color of light	White		
		Color of lens	Clear		
3.2.3	Passing Beam (Reg.112)	Class	B		
		Category	HC/		
		Bulb	H1 12V 55W		
		Color of light	Clear		
		Color of lens	Clear		
3.2.4	Driving Beam (Reg.112)	Class	B		
		Category	HR		
		Bulb	H1 12V 55W		
		Color of light	Clear		
		Color of lens	Clear		
4.	Drawings		SK3301/02-117K96		

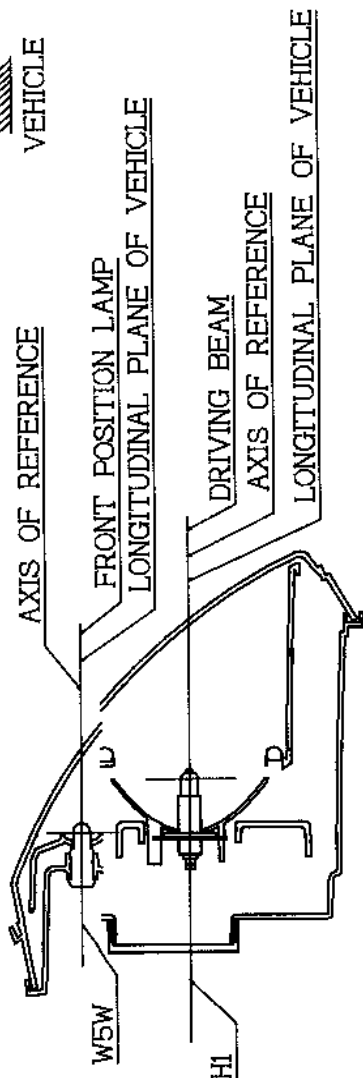




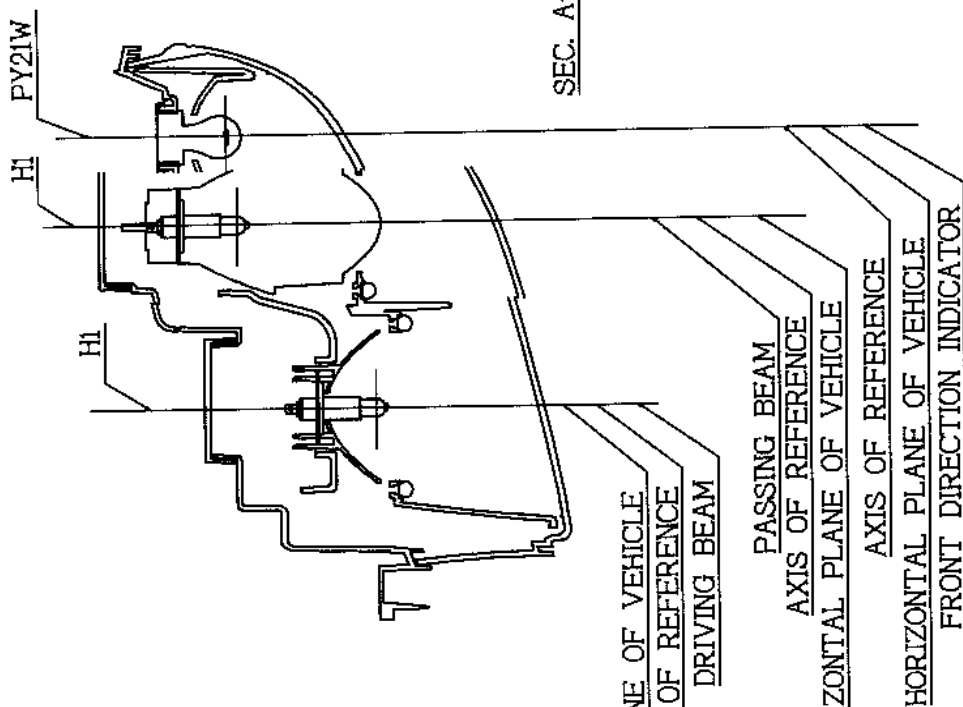
NOTE: 1. THIS DRAWING SHALL BE APPLIED FOR LEFT SIDE ONLY. THE RIGHT SIDE SHALL BE SYMMETRICAL  
 2. THE LENS IS FIXED TO HOUSING BY USING GLUE AND CLIPS.

DRIVING DIRECTION  
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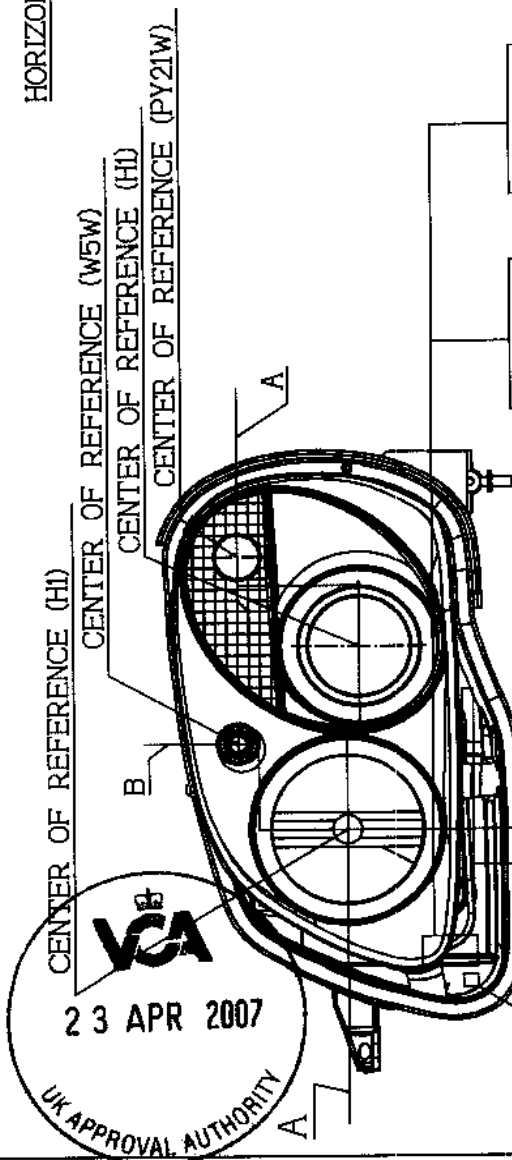
VEHICLE  
 ▨



SEC. B-B



SEC. A-A



16 A  
 01 02  
 HC/HR/ PL  
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 (E11) 125  
 1405  
 FOR LABEL

A 16  
 02 01  
 HR/HC/ PL  
 00 00  
 (E11) 125  
 1405  
 FOR LABEL

SONAR SK3302 117K96

LH

COMPANY	SONAR AUTO PARTS CO., LTD
MODEL NAME	SK3301/2 117K96
FUNCTION	HEAD LAMP