



Vehicle
Certification
Agency


THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/ APPROVAL EXTENDED ⁽⁴⁾/
APPROVAL REFUSED ⁽⁴⁾/ APPROVAL WITHDRAWN ⁽⁴⁾/ PRODUCTION DEFINITELY
DISCONTINUED ⁽⁴⁾ OF A WHEEL TYPE, PURSUANT TO REGULATION NO. 124.



Approval No: E11*124R00/01*1176*00

1. Wheel manufacturer: ACACIA Srl
2. Wheel type designation: CR05 7,0x17
 - 2.1. Category of replacement wheels: Pattern part replacement wheels
 - 2.2. Construction material: Aluminium Alloy Al-Si 7%
 - 2.3. Method of production: Cast
 - 2.4. Rim contour designation: 7,0 J X 17 H2
 - 2.5. Wheel inset/outset: 1: ET 39; 2: ET40; 3: ET 41
 - 2.6. Wheel attachment: PCD 5 x 110
 - 2.7. Maximum wheel load and respective theoretical rolling circumference:
 - 1: 7651.8 N (780 kg) and 2167mm
 - 2: 7651.8 N (780 kg) and 2205mm
 - 3: 7651.8 N (780 kg) and 2205mm
3. Address of the manufacturer:
ACACIA Srl
Via Pezzagrande D/2
84025 Eboli (SA) - Italy
4. If applicable, name and address of manufacturers' representative: Not applicable

5. Date on which the wheel was submitted for approval tests: 05 September 2017
 6. Technical Service responsible for carrying out the approval test: Vehicle Certification Agency
 7. Date of test report issued by the Technical Service: 28 December 2017
 8. Number of test report issued by the Technical Service: MST405451
 9. Any remarks: Approval to Supplement 1
 10. Approval GRANTED/REFUSED/EXTENDED/WITHDRAWN⁽¹⁾
 11. Reason(s) for the extension (if applicable): Not applicable
 12. Place: BRISTOL
 13. Date: 31 JANUARY 2018
 14. Signature:  D LAWLOR
Chief Technical and Statutory Operations Officer
 15. Annexed is a list of documents making up the approval file, deposited with the Competent Authority which granted approval, a copy can be obtained on request.
- (1) Strike out what does not apply.

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ACACIA s.r.l.

**OMOLOGAZIONE DI UNA RUOTA
WHEEL'S APPROVAL
REGOLAMENTO ECE R124 Amend.1
REGULATION ECE R124 Amend.1**

VEHICLE CERTIFICATION AGENCY
C/o Mr. Meadows
1 The Eastgate Office Centre
Eastgate Road
Bristol BS 5 6XX
United Kingdom

**Documentazione Tecnica - Technical Documentation
Ruota Tipo – Wheel Type : CR05 7,0x17**

1		Fabbricante della Ruota Wheel manufacturer	ACACIA S.r.l. Via Pezzagrande D/2 84025 EBOLI (SA)				
2		Marchio commerciale del costruttore Manufacturer trademark	WSP ITALY				
3		Tipo Ruota Wheel type	CR05 7,0x17				
4		Designazione Commerciale Commercial name	W3805 / DALIAS / UTAL				
5		Indirizzo dello stabilimento di fabbricazione Plant address	YHI MANUFACTURING SDN BHD 3538 JALAN P.B.R. 28 MELAKA (MALAYSIA) (allegato 3 / annex 3)				
6	3.1.1.0	Identificativo Disegni Drawings identifications					
7	3.1.2	Caratteristiche tecniche Technical characteristics					
8	3.1.2.1	Categoria delle ruote sostitutive Category of replacement wheels	Punto 2.4.4 Reg. 124 "Ruota sostitutiva replica parziale" - Monopezzo Point 2.4.4 Reg. 124 "Pattern Part Replacement Wheel" - One Piece				
9	2.2.7	Metodo di fabbricazione Method of production	Fusione Cast				
10	3.1.2.2	Designazione Internazionale del cerchio International wheel description	Size	ET	PCD	CB	Colore
		Varianti	Versioni				
		1	1	39	5x110	65,1	SILVER
			2	40			
			3	41			
11	3.1.2.3	Coppia di serraggio colonnette o dadi (kgm) Tightening torque for studs and nuts	12 kgm				
12	3.1.2.4	Metodo Fissaggio dei pesi di equilibratura Fixing method of balancing weights	A innesto su balconata cerchio o adesivi interni al canale su bordo interno o esterno / Clip on weights on wheel lip and adhesive weights on wheel				
13	3.1.2.5	Accessori per il montaggio Additional mounting components	Vengono usati coprimozzi e bulloneria originali Original Cap and studs				
14	3.1.2.6	Norma internazionale di riferimento International standard reference	E.T.R.T.O. (European Tires and Rim Technical Organization)				
15	3.1.2.7	Idoneità al montaggio tubeless Suitable for tubeless tyre mounting	Sì Yes				
16	3.1.2.8	Tipi di valvole Suitable valves types	V2.03.1 (Standard ETRTO)				
17	3.1.2.9	Portata massima della ruota e relativa circonferenza teorica di rotolamento Maximum wheel load and respective theoretical rolling circumference	Varianti/Versioni: 1/*: 7651.8 N (780 kg) and 2167 mm 2/*: 2205mm 3/*: 2205mm				
18	3.1.2.10	Pressione di gonfiaggio massima pneumatici Recommended maximum inflation pressure	La pressione di gonfiaggio è quella del costruttore dei veicoli (max3,5bar) / Maximum inflation pressure as vehicle manufacturer data (max3,5 bar)				
19	3.1.2.11	Materiale Impiegato - Composizione Materiale Material – Material Composition	Vedi Pagina 2 "Materiale impiegato e Composizione" e Lab Report (all.1) See Page 2 "Material and Composition" and Lab Report (all.1)				
20	3.1.2.12	Dimensione pneumatici da costruttore veicoli Tyre size designations specified for vehicle OEM	Varianti/Versioni: 1/*: 215/60R17 96H 2/*:225/60R17 99H 3/*:225/60R17 99H				
21	3.1.3.a	Caratteristiche del veicolo Vehicle Characteristics	Vedi Pagina 2 "Lista dei veicoli" See Page 2 – "List of vehicles"				
22	3.1.3.b	Ulteriori caratteristiche Additional characteristics	No				
23	3.1.3.c	Istruzioni per il montaggio Fitting Instructions Details	Vedi allegato 2 – "Istruzioni di montaggio per ruota tipo (*)" See annex 2 – "Fitting Instruction details for wheels type (*)"				
24	3.1.3.d	Requisiti Supplementari Additional Requirements	Vedi pagine da 2 a 5 See pages 2 to 5				
25	3.1.4	Ruote campione rappresentative Representative Sample Wheel	Vedi punto 10 – See point 10				

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Ruota Tipo – Wheel Type : CR05 7,0x17

Materiale Impiegato e Composizione
Material and Composition

Legia di Alluminio Al-Si 7% - Aluminum Alloy Al-Si 7%

Si: min 6,50% - max 7,50% Fe: min 0,00% - max 0,15% Al: min 92,0%

Cu: min 0,00% - max 0,20% Mn: min 0,00% - max 0,20%

Mg: min 0,25% - max 0,32% Zn: min 0,00% - max 0,30%

Ti: min 0,08% - max 0,18% Sr: min 0,04% - max 0,08%

Caratteristiche del/i veicoli/i
Vehicle's Characteristics

Varianti/Versioni: 7,0x17 ET39

Vehicle Type	Vehicle Model (*)	Approval No.	Performance (kW from - to)	Permissible tyre size front and rear axle (*)	Additional conditions and advice
JEEP	Vehicle Model under approval No. e4*2007/46-1229/2012*0783	e4*2007/46-1229/2012*0783	---	Measures under approval No. e4*2007/46-1229/2012*0783	See points (11) – (15)
JEEP	Vehicle Model under approval No. e4*2007/46-195/2013*0783	e4*2007/46-195/2013*0783	---	Measures under approval No. e4*2007/46-195/2013*0783	See points (11) – (15)
JEEP	Vehicle Model under approval No. e4*2007/46*0783*..	e4*2007/46*0783*..	---	Measures under approval No. e4*2007/46*0783*..	See points (11) – (15)

(*) More Info : www.wspitaly.com

Varianti/Versioni: 7,0x17 ET40

Vehicle Type	Vehicle Model (*)	Approval No.	Performance (kW from - to)	Permissible tyre size front and rear axle (*)	Additional conditions and advice
JEEP	Vehicle Model under approval No. e3*2007/46-136/2014*0300	e3*2007/46-136/2014*0300	---	Measures under approval No. e3*2007/46-136/2014*0300	See points (11) – (15)
JEEP	Vehicle Model under approval No. e3*2007/46-214/2014*0300	e3*2007/46-214/2014*0300	---	Measures under approval No. e3*2007/46-214/2014*0300	See points (11) – (15)
JEEP	Vehicle Model under approval No. e3*2007/46-166/2015*0300	e3*2007/46-166/2015*0300	---	Measures under approval No. e3*2007/46-166/2015*0300	See points (11) – (15)
JEEP	Vehicle Model under approval No. e3*2007/46*0300*..	e3*2007/46*0300*..	---	Measures under approval No. e3*2007/46*0300*..	See points (11) – (15)

(*) More Info : www.wspitaly.com

Varianti/Versioni: 7,0x17 ET41

Vehicle Type	Vehicle Model (*)	Approval No.	Performance (kW from - to)	Permissible tyre size front and rear axle (*)	Additional conditions and advice
JEEP	Vehicle Model under approval No. e4*2007/46-1229/2012*0783	e4*2007/46-1229/2012*0783	---	Measures under approval No. e4*2007/46-1229/2012*0783	See points (11) – (15)
JEEP	Vehicle Model under approval No. e4*2007/46-195/2013*0783	e4*2007/46-195/2013*0783	---	Measures under approval No. e4*2007/46-195/2013*0783	See points (11) – (15)
JEEP	Vehicle Model under approval No. e4*2007/46*0783*..	e4*2007/46*0783*..	---	Measures under approval No. e4*2007/46*0783*..	See points (11) – (15)

(*) More Info : www.wspitaly.com

Ruota Tipo – Wheel Type : CR05 7,0x17

RELAZIONE SUPPLEMENTARE

ADDITIONAL REPORT

Requisiti supplementari di cui all'allegato 10 punti 2.1, 2.2, 2.3 e 2.4 del regolamento ECE/ONU n° 124

Additional requirements referred to attachment 10 points 2.1, 2.2, 2.3 and 2.4 of Regulation No. 124 UN/ECE

2.1 Controllo dell'ingombro della ruota

Il controllo dell'ingombro è relativo al profilo di ingombro interno degli organi di sospensione, sterzata e frenatura dei veicoli su cui il cerchio deve essere installato. Tuttavia tale controllo non è necessario che venga esperito nel caso in cui il profilo della ruota oggetto dell'omologazione sia esterno a quello della ruota sostitutiva del costruttore. Ove mai tale condizione non si verificasse sarebbe invece necessario procedere a verifica delle tolleranze tra profilo ruota e profili di ingombro interno, ovvero verificare che:

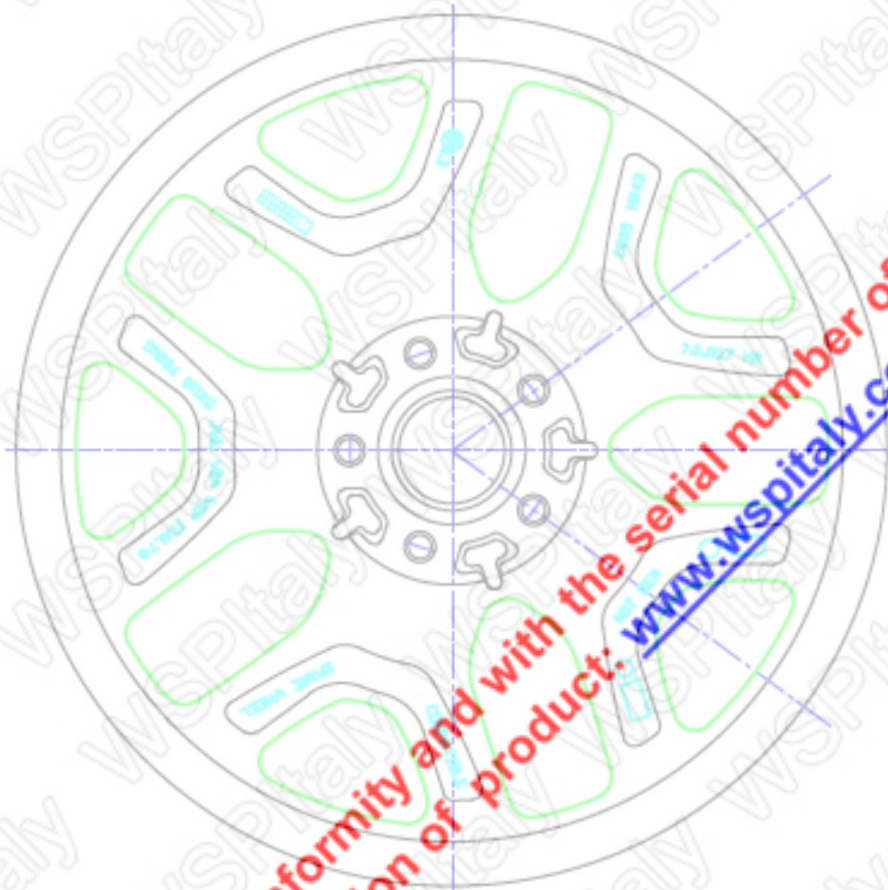
- 1) luce minima per i componenti dei freni (caso peggiore, ad esempio con nuove guarnizioni per freni): > 3 mm
- 2) luce minima per i componenti della sospensione (ad esempio, bracci superiori e inferiori della sospensione): > 4 mm;
- 3) luce minima per i componenti dello sterzo (ad esempio, tirante trasversale e snodi del gruppo leveraggio dello sterzo): > 4 mm;
- 4) luce minima tra i pesi di equilibratura e i componenti del veicolo: > 2 mm.

VERIFICA

Per garantire quanto richiesto dalla norma, occorre individuare le ruote del costruttore per il/i veicolo/i su cui la ruota in omologazione è destinata ad essere montata.

CASO	Designazione Internazionale del cerchio International wheel description Varianti Versioni	Size	ET	PCD	CB	Vehicle Type (*)	Vehicle Model Name (*)	Approval No.
A	1	TUTTE	7Jx17 H2	39	5x110	65,1	Vehicle Model under approval No. e4*2007/46-1229/2012*0783	e4*2007/46-1229/2012*0783
		TUTTE	7Jx17 H2	39	5x110	65,1	Vehicle Model under approval No. e4*2007/46-195/2013*0783	e4*2007/46-195/2013*0783
		TUTTE	7Jx17 H2	39	5x110	65,1	Vehicle Model under approval No. e4*2007/46*0783*..	e4*2007/46*0783*..
B	1	TUTTE	7Jx17 H2	40	5x110	65,1	Vehicle Model under approval No. e3*2007/46-136/2014*0300	e3*2007/46-136/2014*0300
	1	TUTTE	7Jx17 H2	40	5x110	65,1	Vehicle Model under approval No. e3*2007/46-214/2014*0300	e3*2007/46-214/2014*0300
	1	TUTTE	7Jx17 H2	40	5x110	65,1	Vehicle Model under approval No. e3*2007/46-166/2015*0300	e3*2007/46-166/2015*0300
	1	TUTTE	7Jx17 H2	40	5x110	65,1	Vehicle Model under approval No. e3*2007/46*0300*..	e3*2007/46*0300*..
C	1	TUTTE	7Jx17 H2	41	5x110	65,1	Vehicle Model under approval No. e4*2007/46-1229/2012*0783	e4*2007/46-1229/2012*0783
	1	TUTTE	7Jx17 H2	41	5x110	65,1	Vehicle Model under approval No. e4*2007/46-195/2013*0783	e4*2007/46-195/2013*0783
	1	TUTTE	7Jx17 H2	41	5x110	65,1	Vehicle Model under approval No. e4*2007/46*0783*..	e4*2007/46*0783*..

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