

Prüfbericht 366-0305-16-WIRD/N1
zur Erteilung eines Nachtrags zur ECE (E1) 124R- 001067

ANLAGE: 9.1
 Hersteller: MW Aftermarket Srl

Radtyp: 15655110-50
 Stand: 21.12.2017



Seite: 1 von 3

Manufacturer : OPEL, OPEL / VAUXHALL

Wheel dates:

Wheel size according to standard : 6 1/2 J X 15 H2 Off set(mm) : 35
 Hole circle (mm)/number of holes : 110/5 centering type : centering fixed

Technical dates, short form

version	Version name		Centering hole (mm)	Centering material	Permissible wheel Load (kg)	Permissible rolling Circumference (mm)	Valid from Production date
	Wheel identification	Centering identification					
R1-1463.MWLU	R1-1463	Without	65		656	1937	41/14
R1-1463.MWRO	R1-1463	Without	65		656	1937	16/17

Prescribed systems in the vehicle must be functioning with the use of the described rim combination.

Scope/Vehicle Manufacturer : OPEL, OPEL / VAUXHALL

Mounting parts : conical collar bolt M12x1,5, tapered thread 60 Grad

Tightening torque for fixing parts : 110 Nm

commercial type: **ASTRA**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
A-H	e1*2001/116*0261*..	59 -77	195/65R15 91		1); 2); 33)
		59 -92	185/65R15 88		
			195/60R15 88		
		77 -103	195/65R15 91H		
		92 -103	185/65R15-88H		
195/60R15-88H					
A-H	e1*2007/46*0344*..	66 -81	185/65R15 88		1); 2); 33)
			195/60R15 88		
			195/65R15 91		
		85 -103	185/65R15-88H		
			195/60R15-88H		
195/65R15 91H					
A-H/NB	e1*2001/116*0454*..	66	195/65R15 91		*); Limousine; notchback; 1); 2); 33)
		85 -103	195/65R15 91H		
A-H/NB	e1*2007/46*0340*..	81	185/65R15 88		*); Limousine; notchback; 1); 2); 33)
			185/65R15 88		
			195/65R15-91T		
		81 -103	195/65R15 91H		
GMIH	e50*2001/116*0007*..	65 -85	185/65R15 88		1); 2); 33)
			195/60R15		
			195/65R15 91		

commercial type: **ASTRA ESTATE-H-DUAL FUEL**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
A-H	e11*2001/116*0247*..	83	185/65R15-88H		1); 2); 33)
			195/60R15-88H		
			195/65R15 91H		

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Seite: 2 von 3

commercial type: **ASTRA GTC,CABRIO/TWIN TOP**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
A-H/C	e4*2001/116*0094*..	55 -81	185/65R15 88		*); Coupe; 1); 2); 33)
			195/60R15 88		
			195/65R15 91		
		85 -103	185/65R15-88H		
			195/60R15-88H		
			195/65R15 91H		

commercial type: **ASTRA STATION WAGON**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
A-H/SW	e1*2001/116*0293*..	55 -85	185/65R15 88		1); 2); 33)
			195/60R15 88		
			195/65R15 91		
		92 -103	185/65R15-88H		
			195/60R15-88H		
			195/65R15 91H		
A-H/SW	e1*2007/46*0341*..	66 -81	185/65R15 88		1); 2); 33)
			195/60R15 88		
			195/65R15 91		
		85 -103	185/65R15-88H		
			195/60R15-88H		
			195/65R15 91H		
GMIJ	e50*2001/116*0008*..	65 -66	185/65R15 88		1); 2); 33)
			195/60R15 88		
			195/65R15 91		
		84 -85	185/65R15-88H		
			195/60R15-88H		
			195/65R15 91H		

commercial type: **ASTRA VAN**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
A-H/VAN	e1*2007/46*0576*..	66 -81	195/65R15-91T		1); 2); 33)

commercial type: **ASTRA-H-DUAL FUEL**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
A-H	e11*2001/116*0246*..	83	185/65R15-88H		1); 2); 33)
			195/60R15-88H		
			195/65R15 91H		

commercial type: **MERIVA**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
S- D/MONOCA B B	e4*2007/46*0165*..	55 -74	195/65R15 91		1); 2); 33)
		55 -88	195/65R15 91H		

commercial type: **SIGNUM**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
VECTRA/CA R, VECTRA	e1*2001/116*0214*..	74 -114	195/65R15 91 M+S		1); 2); 33)

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Seite: 3 von 3

commercial type: **SIGNUM**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
Z-C/S	e1*2001/116*0291*..	74 -114	195/65R15 91 M+S		1); 2); 33)

commercial type: **VECTRA-C, VECTRA-C-CC**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
VECTRA/LIM	e1*98/14*0187*..	74 -92	195/65R15 91H		1); 2); 33)
		108 -129	195/65R15-91Q M+S		
		110	195/65R15-91V		
Z-C	e1*2001/116*0290*..	74 -110	195/65R15 91H		1); 2); 33)
		108 -114	195/65R15 91 M+S		
		110	195/65R15-91V		
Z02 / Z18XE	e11*2001/116*0214*..	74 -92	195/65R15 91H		1); 2); 33)
		108	195/65R15 91 M+S		

commercial type: **VECTRA-C-STATION WAGON**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
VECTRA/SW	e1*2001/116*0238*..	74 -110	195/65R15 91H		1); 2); 33)
		110	195/65R15-91V		
		114	195/65R15 91 M+S		
Z-C/SW	e1*2001/116*0292*..	74 -110	195/65R15 91H		1); 2); 33)
		114	195/65R15 91 M+S		

commercial type: **ZAFIRA**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
A- H/Monocab	e1*2001/116*0325*..	77 -81	195/65R15 91		1); 2); 33)
		85 -103	195/65R15 91H		
A- H/Monocab	e1*2007/46*0497*..	85	195/65R15 91H		1); 2); 33)
		103	195/65R15 91H		
GMIG	e50*2001/116*0003*..	72 -77	195/65R15 91		1); 2); 33)
		101 -103	195/65R15 91H		

*) The remarks under the listed restrictions/conditions are to be kept. If additional trademarks or sale- names are listed, so there are only this vehicles permissible. All other vehicles to this one application are not concerned.

Restrictions

- 1) To be kept:
 - the standard wheel size and offset.
 - tyre size with service description (load and speed index) and tyre brand commitments
 - as well as limitations to snow tyres (M+S) from the car documents.
 - requirements and limitations of snow chains from the operating licence and the operation manual.
- 2) Only permissible at vehicle models, which are allowed to use steel wheels as standard.
- 33) The standard fixing parts and accessories of the vehicle manufacturer for the corresponding series-wheel must be used.



Istruzioni di montaggio per ruote

1. Controllare la ruota in acciaio prima del montaggio per verificare che non siano presenti danni
2. Utilizzare i pneumatici che sono indicati nel libretto di circolazione
3. **ATTENZIONE !** Il montaggio deve essere eseguito da personale specializzato.
4. Portare in posizione il foro centrale della ruota al centrante del mozzo e appoggiare il piano del disco al piano del mozzo.
 - a- Verificare che i bulloni siano compatibili con i fori di fissaggio della ruota
 - b- Verificare che la lunghezza dei bulloni sia conforme per il montaggio
 - c- Tenere la ruota con una mano e avvitare i bulloni partendo dal foro attacco più basso
 - d- Avvitare i bulloni con sequenza incrociata tra loro
 - e- Per il serraggio dei bulloni utilizzare un avvitatore con regolazione di coppia o una chiave dinamometrica, facendo attenzione ad applicare la coppia di serraggio consigliata nel certificato in allegato per il tipo di veicolo pertinente.
ATTENZIONE ! In caso di serraggio non corretto, la ruota si può allentare, deformare e/o rompere
 - f- Ruotare la ruota montata sul mozzo per verificare che non vi siano interferenze con le pinze freno.
5. La ruota deve essere montata solo sui tipi di vettura indicati nel campo di applicazione in allegato.
6. **ATTENZIONE !** Ad ogni cambio ruota e/o pneumatico i bulloni **NON** devono essere lubrificati e dopo i primi 50 km di guida, se necessario, riserrare i bulloni con la coppia specifica consigliata. .
7. La pressione del pneumatico deve essere quella prescritta dal costruttore del veicolo .
8. L'uso delle catene da neve è consentito solo se il costruttore del veicolo lo prevede.
9. Non è consentito effettuare modifiche e/o riparazioni alla ruota

Installation instructions for wheels

1. Carefully check the steel wheel before installation to ensure it is not damaged
2. Only use tyres mentioned on the vehicle's registration document
3. **WARNING !** Installation must be performed by qualified personnel
4. Position the wheel on the hub so that the center hole of the wheel corresponds to the centering of the hub, and make sure the wheel disc has full contact with the hub flange.
 - a- Check that the bolts are compatible with the mounting holes of the wheel
 - b- Check that the length of the bolts is conform for mounting
 - c- Hold the wheel with one hand and tighten the bolts starting from the lowest one
 - d- Tighten the bolts in a criss-cross sequence
 - e- For tightening only use a screwdriver with torque control or a torque wrench, making sure you apply the specific torque recommended for the relevant vehicle type on attached certificate.
WARNING ! Incorrect tightening may lead to self-loosening, deformation and/or damage of the wheel.
 - f- Turn the mounted wheel on the hub to make sure that there is no interference with the brake calipers
5. The wheel must be mounted only on the types of vehicle listed in the application field of the relevant certificate.
6. **WARNING !** When changing wheel/tyre **DO NOT** lubricate bolts and after the first 50 Km of driving, if necessary ,retighten the bolts with the specific torque recommended.
7. The tire pressure must be the one specified by the vehicle's manufacturer
8. The use of snow chains is only permitted if foreseen by the vehicle's manufacturer
9. Modifying and/or repairing of wheels is not allowed.