

Prüfbericht 366-0395-14-WIRD
zur Erteilung der ECE (E1) 124R- 000802

ANLAGE: 9.6
 Hersteller: Momo S.r.l.

Radtyp: 610
 Stand: 11.03.2015



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Manufacturer : GM DAEWOO (ROK), GM KOREA (ROK), OPEL, OPEL / VAUXHALL

Wheel dates:

Wheel size according to standard : 8 J X 18 H2 Off set(mm) : 46
 Hole circle (mm)/number of holes : 115/5 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					
511546702	PCD 115	Without	70,2		670	2255	01/14

In built-up vehicle safety and / or environment-related vehicle systems (such as tire pressure monitoring systems) must remain functional or replaced.

Scope/Vehicle Manufacturer : GM DAEWOO (ROK), GM KOREA (ROK)

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

Accessories : OE bolts/nuts

Tightening torque for fixing parts : 140 Nm

commercial type: **J309, ORLANDO**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
CHIO	e50*2007/46*0050*..	104	235/45R18	12K; 51G	10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V
KL1Y	e4*2007/46*0224*..	96 - 120	235/45R18	12K; 51G	10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V
KL1YN	e4*2007/46*0295*..	120	235/45R18	12K; 51G	10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V

In built-up vehicle safety and / or environment-related vehicle systems (such as tire pressure monitoring systems) must remain functional or replaced.

Scope/Vehicle Manufacturer : OPEL, OPEL / VAUXHALL

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

Accessories : OE bolts/nuts

Tightening torque for fixing parts : 125 Nm for Type : P-J; P-J/V
 140 Nm for Type : P-J/SW; P-J/SW/V

commercial type: **AST/GTC, ZAFIRA, CASCADA**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
P-J/SW	e4*2007/46*0204*..	74 - 143	235/45R18	12K; 51G	Only ASTRA SPORTS TOURER; 10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V

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commercial type: **AST/GTC, ZAFIRA, CASCADA**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
P-J/SW	e4*2007/46*0204*..	74 - 147	225/45R18 235/45R18	12K; 51G 51G	Only ZAFIRA TOURER; Front wheel drive; 10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V

commercial type: **ASTRA, ASTRA NOTCHBACK**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
P-J	e1*2007/46*0141*..	81 - 143	235/45R18	12A; 51G	10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V
P-J	e1*2007/46*0141*..	81 - 132	235/45R18	12K; 51G	10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V

commercial type: **ASTRA SPORTS TOURER/ZAFIRA TOURER**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
P-J/SW/V	e4*2007/46*0308*..	81	235/45R18	12K; 51G	Only ASTRA SPORTS TOURER; 10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V
P-J/SW/V	e4*2007/46*0308*..	81 - 121 121	235/45R18 225/45R18	51G 12K; 51G	Only ZAFIRA TOURER; 10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V

commercial type: **ASTRA VAN**

Vehicle type	Approval	kW	Tires	Restrictions of tires	Restrictions
P-J/V	e4*2007/46*0309*..	81 - 92	235/45R18	12K; 51G	10B; 11H; 11N; 51A; 711; 714; 721; 73C; 74D; 76V

Restrictions

- 10B) Apart from tires with an M + S tread, the required minimum speed ranges for the tires to be used, taking load indexes into consideration, can be found in the vehicle documentation, unless deviations have been defined in the scope of application.
- 11H) If the standard spare wheel is used, the car should be driven at moderate speed and for no longer than necessary. The wheel must be fitted with standard fastening elements. When the spare wheel is used on four-wheel-drive vehicles, care should be taken to use only tires with identically sized rolling circumference.
- 11N) The brake and steering systems and the suspension, except for custom suspension springs, must be standard, unless governed by other requirements.
- 12A) Snow chains cannot be used unless the expert report offers another retrofitting option for the relevant vehicle type. For this retrofitting with the restriction 'tires with snow chains' in the requirements column, the requirements and recommendations there listed must be observed.
- 12K) The use of snow chains is only permitted if the latter have been approved by the vehicle manufacturer for this wheel/tire combination (cf. operating instructions).

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- 51A) The inflation pressure specified by the vehicle manufacturer (see operating instructions or tire inflation pressure indicated on the vehicle) or tire manufacturer must be observed. According to the manufacturer, tires with run-flat properties may only be used in combination with a tire inflation monitoring system.
- 51G) This wheel/tire combination may only be used if this tire has already been entered as the standard in vehicle documents or has been approved by the vehicle manufacturer, see excerpts from EC vehicle approval (EC certificate of compliance). The load index, speed symbol, M+ S identification, the tire makes entered in the vehicle documentation and the remarks and recommendations of the vehicle manufacturer must be observed when this tire size is used.
- 711) The wheels may be balanced on the inner side of the rim only with adhesive weights.
- 714) The wheels may only be balanced on the outer side of the rim by positioning adhesive weights below the drop center.
- 721) The only valves permissible are rubber valves or threaded metal valves with union nuts from the outside which correspond in all critical points to the standards (DIN, E.T.R.T.O or Tire and Rim) and for which a rated valve-hole diameter of 11.3 mm is suitable. The valve may not project over the rim edge.
- 73C) Only tubeless tires may be used.
- 74D) Only the standard wheel-fastening elements may be used.
- 76V) The use of this tire size and offset is only permitted if used as standard.