

Permitted wheel/tyre combinations for the smart #1 (Model HX11)

The vehicle manufacturer has no technical objections to the optional use of the wheel/tyre combinations listed below. This information only applies in connection with original smart wheels with the trademark and the part numbers listed in the appendix. The factory assembly instructions and information in the operating manual (especially for the permitted wheel bolts and the tightening torques) have to be considered. The load capacity and speed index of the tires have to comply with the minimum requirements of the respective vehicle version. All information relates to the standard condition of the vehicle. In order to achieve optimal vehicle features and the effectiveness of the safety and assistance systems, smart automobile recommends using the tyres listed in the appendix. Additional information are available by all smart authorized Service Partner (ASP).

Important indication:

The permitted wheel and tyre combinations (listed in the following) correspond to the requirements of the applicable ECE Regulation on the "assembly of tyres" with regards to their installation on vehicles of the series smart #1 (Model: HX11).

Therefore, an assessment or a change acceptance by an accredited expert or examiner of a technical inspection or a testing engineer of an accredited monitoring organization to correct the vehicle documents is not necessary – even if the tyre-size entered in the vehicle documents does not correspond to the actually assembled tyre-size on the vehicle. The actually assembled wheel and tyre combination has to correspond with the requirements in this document, considering the drive type / permitted maximal weight / maximal axle load / and more (listed on the following pages). Tyre and rim installation has to follow all applicable ECE Regulations. The type approval is visible by the test mark located on the tyre sidewall. It consists of a circled, capitalized "E" including the corresponding country code and a subsequent number combination.

In the following, the possible wheel and tyre combinations are listed.

The tables show, which wheel and tyre combination is permitted for which vehicle. The tyres listed on the following are a recommendation of smart automobile.

You can find the pressures for the listed tires in the owner's manual of your smart #1 (Model HX11).

You can also find the pressure for the tyre dimension, on which your vehicle was delivered, on the tire pressure label.

This is located on the driver's door. The specified load indices are minimum requirements. It is not allowed to fall below these indices.

The shortcut stands for: ET = offset.

On page 2/3 you can find, which wheel is approved in the corresponding dimension.

The table on page 4 shows, which tyre profile is recommended.

Permitted wheel/tire combination for the smart #1 (Model HX11)		Variant/Version Code	Code 1: 0000/B665 006 (Premium)	Code 2: 0000/A6750 07 (Pro+, Pure+)	Code 3: 0010/C685 005 (Brabus)
		Wheelbase	2750mm	2750mm	2750mm
		Max. front axle load	1100kg	1100kg	1100kg
		Max. rear axle load	1350kg	1350kg	1350kg
		Technical permissible maximum mass)	2225kg	2213kg	2325kg
Material	Rim dimension	Tires dimension with load- and speed index			
Alloy Aluminum	18*7.0J	235/50R18 101V	Not approved	x	x
Alloy Aluminum	19*8.0J	235/45R19 99V	x	x	x

Permitted tire pressure sensors for the smart #1 (Model HX11)

Tire Pressure Sensor	QAP-Number	Rims
SENSOR_TIRE PRESSURE	QAP8889081697	Valid for all rims mentioned in this document

Permitted Rims for smart #1 (Model: HX11)			Variant/Version Code	Code 1: 0000/B6650 06 (Premium)	Code 2: 0000/A6750 07 (Pro+, Pure+)	Code 3: 0010/C68500 5 (Brabus)
			Wheelbase	2750mm	2750mm	2750mm
			Max. front axle load	1100kg	1100kg	1100kg
			Max. rear axle load	1350kg	1350kg	1350kg
			Technical permissible maximum mass)	2225kg	2213kg	2325kg
Rim	Material	Rim dimension	Additional wheel inserts (+ screws) needed:			
 Pure / Pure +	Alloy Aluminum	7.0J*18 ET 48	Not needed	Not approved	QAP 8890353231	QAP 8890353231
					QAP 8891960650	QAP 8891960650
 Pro / Pro +	Alloy Aluminum	8.0J*19 ET 50	3x per wheel QAP 8891684850 + 9 x per wheel QAP8891684842	QAP 8890353259	QAP 8890353259	QAP 8890353259
				QAP 8891987371	QAP 8891987371	QAP 8891987371
 Premium	Alloy Aluminum	8.0J*19 ET 50	3x per wheel QAP8891684855G97 + 6 x per wheel QAP8891684842	QAP 8891987374	QAP 8891987374	QAP 8891987374
				QAP 8891568379	QAP 8891568379	QAP 8891568379
 Brabus	Alloy Aluminum	8.0J*19 ET 50	Not needed	QAP 8891960687	QAP 8891960687	QAP 8891960687
				QAP 8891568387	QAP 8891568387	QAP 8891568387
 Edition	Alloy Aluminum	8.0J*19 ET 50	3x per wheel QAP8891684855B03 + 6 x per wheel QAP8891684842	QAP 8891987374	QAP 8891987374	QAP 8891987374
				QAP 8891568379	QAP 8891568379	QAP 8891568379

*Concrete information is available at TIS

Manufacturers recommended tires for the smart #1 (Model HX11) according to its corresponding WVTAs.

Tread pattern designation valid for:

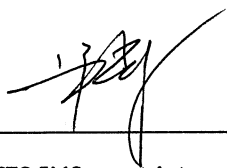
smart #1 (Model: HX11) and the corresponding WVTA Code 2: 0000/A675007 | Code 3: 0010/C685005

- 235/50R18 (winter)
Continental 101V XL Winter Contact TS 870 P
- 235/45R19 (winter)
Continental 99V XL Winter Contact TS 830 P MO
- Snow chains
Delicate variants only
- 235/50R18 (all season)
Michelin 101Y XL Cross Climate 2
- 235/45R19 (all season)
Michelin 99Y XL Cross Climate 2
- 235/50R18 (summer)
Continental 101 V XL EcoContact 6 Q
- 235/45R19 (summer)
Continental 99 V XL EcoContact 6 Q
Dunlop 102 V XL SP SPORT MAXX060

Tread pattern designation valid for:

smart #1 (Model: HX11) and the corresponding WVTA Code 1: 0000/B665006

- 235/45R19 (winter)
Continental 99V XL Winter Contact TS 830 P MO
- Snow chains
Delicate variants only
- 235/45R19 (all season)
Michelin 99Y XL Cross Climate 2
- 235/45R19 (summer)
Continental 99 V XL EcoContact 6 Q
Dunlop 102 V XL SP SPORT MAXX060



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