



Workshop Manual Tiguan 2016 ➤ Tiguan RUS 2017 ➤

Wheels and Tyres Guide

Edition 04.2017





List of Workshop Manual Repair Groups

Repair Group

44 - Wheels, tyres, vehicle geometry



Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.



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44 – Wheels, tyres, vehicle geometry

1 General notes on using the “Wheels and Tyres Guide”

(VRL010332; Edition 04.2017)

⇒ [“1.1 General information”, page 1](#)

⇒ [“1.2 Explanations regarding world regions”, page 2](#)

⇒ [“1.3 Definition of tyre package”, page 3](#)

⇒ [“1.4 Procedure for determining the required tyre package”, page 3](#)

1.1 General information

Volkswagen vehicles are built according to the latest findings in safety engineering. To keep it that way, we recommend the use of only genuine Volkswagen spare parts. These can be recognised by the VW Audi logo and by the part number. It has been established that these parts are reliable, safe and suitable.

Despite constant appraisal of the market, we cannot assess other products on these points, even when in isolated cases they have been passed by official inspectors or have been granted official approval. Therefore, we cannot, of course, assume any liability if these products are installed.



Note

- ◆ *The products from Volkswagen genuine parts and Volkswagen genuine accessories may differ in fitting requirements, torque specifications and so on.*
- ◆ *Observe specified torques for wheel bolts.*
- ◆ *Observe assembly and operating instructions.*

The wheel and tyre combinations or changes listed in the vehicle tables refer exclusively to Volkswagen Genuine wheels. Approval of wheel and tyre combinations or a change to wheels from the accessories trade is not possible with the certificate statement attached here.

Notes regarding the recommended tyres

- ◆ Tyres are one of the most important elements in motor vehicle construction and have a major influence on road safety. Therefore, they must fulfil numerous conditions which are specified for tyre manufacturers in the DIN (German industrial standards) and the directives of the German rubber industry e. V. (W.d.K.). In addition, comprehensive testing is carried out at Volkswagen before tyres are approved for initial fitting on our vehicles.
- ◆ The following lists all tyre makes and tread patterns that are fitted to VW vehicles ex-factory, correct at the time of publication.
- ◆ These tyre makes and tread patterns meet the aforementioned demands. We therefore recommend the tyres/tread types listed in this guide are chosen as replacements.
- ◆ Bear in mind the special aspects that need to be taken into account in the case of tyres with emergency running proper-



ties⇒ Wheels and Tyres Guide - General information; Rep.
gr. 44 ; Tyres with run-flat properties .

- ◆ The sizes of the winter tyres listed in the table are the most sensible from the handling and economic aspects. Of course, all other wheel-and-tyre combinations listed in the COC paper (EEC Certificate of Conformity) and/or in part I of the registration certificate may also be mounted as M&S tyres.

1.2 Explanations regarding world regions

The countries belonging to world regions are listed below.

World regions	Countries in the world regions
AGCC (Arab Gulf Cooperation Council)	Bahrain Qatar Kuwait Oman Saudi Arabia United Arab Emirates
Europe	Belgium Germany France Spain Portugal Italy Austria Switzerland Netherlands Luxembourg Poland Czech Republic Romania Slovakia Hungary Slovenia Croatia United Kingdom
North America	USA Canada
Scandinavia	Denmark Finland Sweden Norway
South America	Argentina Brazil Bolivia Chile Ecuador Columbia Paraguay Peru Uruguay



World regions	Countries in the world regions
	Venezuela

1.3 Definition of tyre package

For a higher energy-efficiency and safety and to better protect the environment Volkswagen has developed special tyre packages which have been composed for each particular vehicle type taking the respective engine type into account.

In order to guarantee a high-performance product for the end customer and to comply with country-specific tax regulations, the tyre package has been designed in such a way that CO₂ emissions are reduced according the specifications of the European Union.

For additional information on CO₂ emissions and the rolling resistance, refer to ➤ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; EU tyre label; EU tyre label, categories; EU tyre label, categories, rolling resistance .

There are two ways to determine which tyre package a vehicle requires:

- 1 - Via the PR number of the PR number family KRR
➤ [page 3](#)
- 2 - Via the version key in the vehicle registration certificate part 1
➤ [page 4](#)

1.4 Procedure for determining the required tyre package

➤ [“1.4.1 Determining the required tyre package via PR number”, page 3](#)

➤ [“1.4.2 Determining the required tyre package via version key in the vehicle registration certificate part 1”, page 4](#)

1.4.1 Determining the required tyre package via PR number

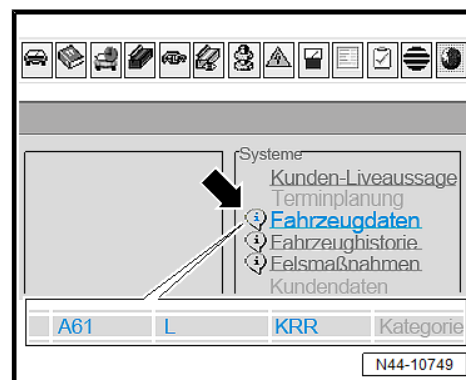
There are two ways to determine which tyre package a vehicle requires:

- 1 - Via the PR number of the PR number family KRR
➤ [page 3](#)
- 2 - Via the version key in the vehicle registration certificate part 1
➤ [page 4](#)

The PR number can be obtained in the vehicle data section in ELSA -arrow-.

The tyre package can be found in the PR number family “KRR”. It provides the PR number including the tyre package.

In this example the vehicle is equipped with the tyre package A61.





1.4.2 Determining the required tyre package via version key in the vehicle registration certificate part 1

There are two ways to determine which tyre package a vehicle requires:

- 1 - Via the PR number of the PR number family KRR
⇒ [page 3](#)
 - 2 - Via the version key in the vehicle registration certificate part 1
⇒ [page 4](#)
- ◆ Identify version key in section D2 of vehicle registration certificate part 1
⇒ [“2.1 Vehicle registration certificate part 1”, page 5](#)
 - ◆ Look for type approval number in section K of vehicle registration certificate part 1
⇒ [“2.1 Vehicle registration certificate part 1”, page 5](#)
 - ◆ Determine capacity and output
⇒ [“2.1 Vehicle registration certificate part 1”, page 5](#)
 - ◆ Select tyre package, e.g. package 61
⇒ [“2.2 Version key, D2”, page 5](#)
 - ◆ Select a permissible wheel and tyre combination
⇒ [“3 Wheel and tyre combinations depending on tyre packages”, page 7](#)

Example:

1 - in section P.1 of the vehicle registration certificate part 1, the capacity is listed in "cm³", and in section P.2 the output is listed in "kW"; these values indicate the type and output of the engine installed in the vehicle

⇒ [“2.1 Vehicle registration certificate part 1”, page 5](#)

2 - in the version key NFM6FM6BB005KG1NVR27MM61, the last two digits always indicate the tyre package

⇒ [“2.2 Version key, D2”, page 5](#)

3 - in section K of the vehicle registration certificate part 1, the type approval number e1*2001/116*0450*24 is indicated

⇒ [“2.1 Vehicle registration certificate part 1”, page 5](#)

4 - these three selection criteria can be used to determine the permissible wheel and tyre combination for the respective vehicle

⇒ [“3 Wheel and tyre combinations depending on tyre packages”, page 7](#)



2 Notes on the vehicle registration certificate

⇒ "2.1 Vehicle registration certificate part 1", page 5

⇒ "2.2 Version key, D2", page 5

2.1 Vehicle registration certificate part 1

D.2 - Comprises the model key and the version key

K - Comprises the type approval number

P.1 - Capacity in cm³

P.2 - Rated output in kW

The diagram shows a German Zulassungsbescheinigung (Vehicle Registration Certificate) with callouts for specific fields:

- D.2**: Points to the 'Zulassungsbescheinigung Teil I' section, which includes the model key and version key.
- P.2**: Points to the 'Rated output in kW' field.
- P.1**: Points to the 'Capacity in cm³' field.
- K**: Points to the 'Type approval number' field.

The certificate includes fields for 'Zulassungsbescheinigung Teil I', 'Zulassungsbescheinigung Teil II', 'Zulassungsbescheinigung Teil III', and 'Zulassungsbescheinigung Teil IV'. It also includes a 'Zulassungsbescheinigung Teil V' section for 'Zulassungsbescheinigung Teil V'.

2.2 Version key, D2

⇒ "2.1 Vehicle registration certificate part 1", page 5

X	XXX	XXXXXX XX	X	X	X	XX	XXX	XXX	XX
Code for wheel-base	Code for gearbox type	Code for gearbox	Code for power train	Code for vehicle front	Code for rear axle load	Code for suspension	Code for fuel-efficiency systems	Code for emissions standard	Code for tyre package
N: standard wheel-base	FM6	AD7DL00 3 AD6D901 7	K: small	G: off-road	1: rear axle load range 1	N: standard	VR2: with start/stop function and re-	7MM: EU6	61: package 1 (61)



X	XXX	XXXXXX XX	X	X	X	XX	XXX	XXX	XX
Code for wheel- base	Code for gearbox type	Code for gearbox	Code for power train	Code for vehicle front	Code for rear axle load	Code for suspension	Code for fuel-efficiency systems	Code for emissions standard	Code for tyre package
	AD7	AD7DL00 4	G: large	N: on- road	2: rear axle load range 2	T: lowered sus- pension	genera- tive brak- ing		62: pack- age 2 (62)
	AM6	AD7DL00 3		R: R-Line	3: rear axle load range 3				63: pack- age 3 (63)
		AM6B00 03			4: rear axle load range 4				
		AD7DL00 4			5: rear axle load range 5				
		FM6BB0 05			6: rear axle load range 6				
		AD7DL00 7							
		AM6A00 15							
		AM62Q0 40							
		AM6A00 16							
		AM6B00 02							
		AM6B00 03							
		FD6D901 2							
		FD7DL00 1							
		FM62Q0 36							
		FM62Q0 45							
		FM6BB0 05							



3 Wheel and tyre combinations depending on tyre packages

⇒ [“3.1 Type approval no. \(K\): e1*2001/116*0450*24”, page 7](#)

⇒ [“3.2 Type approval no. \(K\): e1*2001/116*0450*25 to e1*2001/116*0450*26”, page 8](#)

⇒ [“3.3 Type approval no. \(K\): e1*2001/116*0450*27 to e1*2001/116*0450*28”, page 10](#)

⇒ [“3.4 Type approval no. \(K\): e1*2001/116*0450*29 to e1*2001/116*0450*30”, page 11](#)

⇒ [“3.5 Changing to other wheel and tyre combinations”, page 14](#)

3.1 Type approval no. (K): e1*2001/116*0450*24

⇒ [“1.3 Definition of tyre package”, page 3](#)

Appendix for certificate statement 8114125139

Type approval model code 5N



Note

The last two digits of the version key ⇒ [page 5](#) indicate the required tyre package. The tyre package indicated in the version key in the vehicle registration certificate part 1 is binding.

Example:

2.0l/110 kW engine - Specification as per version key in the vehicle registration certificate part 1: tyre package 61, i.e. only these wheel and tyre combinations are permitted for this vehicle and correspond to the type approval number.

Allocation of tyre packages to the respective engine types



NOTICE

- Type and size of snow chains ⇒ Owner's Manual; Snow chains .
- In the vehicle registration certificate part 1, only one tyre package is allocated to the vehicle.
- Options for changing to other wheel and tyre combinations ⇒ [page 14](#) .
- General information on winter tyres and winter chains ⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Information about tyres .
- All tyre sizes listed in the vehicle documents can also be used as winter tyres. It is recommended to use winter tyres of a size for which snow chains are permitted ⇒ Owner's Manual; Snow chains .
- The tables below show the type approval data. Tyres which are not labelled M+S may still be winter tyres. Only when winter tyres are in use may the top speed that a vehicle can achieve be greater than the maximum speed specified by the speed symbol of the tyre. In this case, an appropriate label must be attached in the driver's range of view ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Information on tyres, winter tyres .



Tyre package 61			
Engine	Tyre size	Wheel size	Snow chains
2.0 I 132 kW petrol engine 2.0 I 110 kW; diesel engine	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
	215/65 R 17 99V	7 J x 17 offset 40	x
	235/55 R 18 100V	7 J x 18 offset 43	-
	235/50 R 19 99V	7 J x 19 offset 43	-
	235/45 R 20 100V	8 J x 20 offset 41	-

Tyre package 62			
Engine	Tyre size	Wheel size	Snow chains
2.0 I 132 kW petrol engine 2.0 I 110 kW; diesel engine	215/65 R 17 99H M+S	6 ¹ / ₂ J x 17 offset 38	x
	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
	215/65 R 17 99V	7 J x 17 offset 40	x

Tyre makes recommended by Volkswagen:

- ➔ [“5 Recommended summer tyres”, page 20](#)
- ➔ [“6 Recommended all-season tyres”, page 21](#)
- ➔ [“7 Recommended winter tyres, worldwide except North America and China”, page 22](#)
- ➔ [“8 Recommended temporary spare tyres and wheels”, page 23](#)

3.2 Type approval no. (K):
e1*2001/116*0450*25 to
e1*2001/116*0450*26

➔ [“1.3 Definition of tyre package”, page 3](#)

Appendix for certificate statement 8114125139

Type approval model code 5N



Note

The last two digits of the version key ➔ [page 5](#) indicate the required tyre package. The tyre package indicated in the version key in the vehicle registration certificate part 1 is binding.

Example:

2.0I/110 kW engine – Specification as per version key in the vehicle registration certificate part 1: tyre package 61, i.e. only these wheel and tyre combinations are permitted for this vehicle and correspond to the type approval number.



Allocation of tyre packages to the respective engine types

! NOTICE

- Type and size of snow chains ⇒ Owner's Manual; Snow chains .
- In the vehicle registration certificate part 1, only one tyre package is allocated to the vehicle.
- Options for changing to other wheel and tyre combinations ⇒ [page 14](#) .
- General information on winter tyres and winter chains ⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Information about tyres .
- All tyre sizes listed in the vehicle documents can also be used as winter tyres. It is recommended to use winter tyres of a size for which snow chains are permitted ⇒ Owner's Manual; Snow chains .
- The tables below show the type approval data. Tyres which are not labelled M+S may still be winter tyres. Only when winter tyres are in use may the top speed that a vehicle can achieve be greater than the maximum speed specified by the speed symbol of the tyre. In this case, an appropriate label must be attached in the driver's range of view ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Information on tyres, winter tyres .

Tyre package 61			
Engine	Tyre size	Wheel size	Snow chains
2.0 l 132 kW petrol engine 2.0 l 110 kW diesel engine 2.0 l 140 kW diesel engine	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
	215/65 R 17 99V	7 J x 17 offset 40	x
	235/55 R 18 100V	7 J x 18 offset 43	-
	235/50 R 19 99V	7 J x 19 offset 43	-
	235/45 R 20 100V	8 J x 20 offset 41	-

Tyre package 62			
Engine	Tyre size	Wheel size	Snow chains
2.0 l 132 kW petrol engine 2.0 l 110 kW; diesel engine	215/65 R 17 99H M+S	6 ¹ / ₂ J x 17 offset 38	x
	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
	215/65 R 17 99V	7 J x 17 offset 40	x

Tyre package 63			
Engine	Tyre size	Wheel size	Snow chains
2.0 l 132 kW petrol engine 2.0 l 110 kW diesel engine 2.0 l 140 kW diesel engine	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
	215/65 R 17 99V	7 J x 17 offset 40	x
	235/55 R 18 100V	7 J x 18 offset 43	-
	235/50 R 19 99V	7 J x 19 offset 43	-
	235/45 R 20 100V	8 J x 20 offset 41	-
	255/45 R 19 100V	8.5 J x 19 offset 38	-
	255/40 R 20 101V	8.5 J x 20 offset 38	-



Tyre makes recommended by Volkswagen:

- ◆ ⇒ [“5 Recommended summer tyres”, page 20](#)
- ◆ ⇒ [“6 Recommended all-season tyres”, page 21](#)
- ◆ ⇒ [“7 Recommended winter tyres, worldwide except North America and China” page 22](#)
- ◆ ⇒ [“8 Recommended temporary spare tyres and wheels”, page 23](#)

3.3 Type approval no. (K):
e1*2001/116*0450*27 to
e1*2001/116*0450*28

⇒ [“1.3 Definition of tyre package”, page 3](#)

Appendix for certificate statement 8114125139

Type approval model code 5N



Note

The last two digits of the version key ⇒ [page 5](#) indicate the required tyre package. The tyre package indicated in the version key in the vehicle registration certificate part 1 is binding.

Example:

2.0l/110 kW engine – Specification as per version key in the vehicle registration certificate part 1: tyre package 61, i.e. only these wheel and tyre combinations are permitted for this vehicle and correspond to the type approval number.

Allocation of tyre packages to the respective engine types



NOTICE

- Type and size of snow chains ⇒ Owner's Manual; Snow chains .
- In the vehicle registration certificate part 1, only one tyre package is allocated to the vehicle.
- Options for changing to other wheel and tyre combinations ⇒ [page 14](#) .
- General information on winter tyres and winter chains ⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Information about tyres .
- All tyre sizes listed in the vehicle documents can also be used as winter tyres. It is recommended to use winter tyres of a size for which snow chains are permitted ⇒ Owner's Manual; Snow chains .
- The tables below show the type approval data. Tyres which are not labelled M+S may still be winter tyres. Only when winter tyres are in use may the top speed that a vehicle can achieve be greater than the maximum speed specified by the speed symbol of the tyre. In this case, an appropriate label must be attached in the driver's range of view ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Information on tyres, winter tyres .



Tyre package 61			
Engine	Tyre size	Wheel size	Snow chains
1.4 I 92 kW	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
1.4 I 110 kW	215/65 R 17 99V	7 J x 17 offset 40	x
2.0 I 132 kW petrol engine	235/55 R 18 100V	7 J x 18 offset 43	-
2.0 I 85 kW	235/50 R 19 99V	7 J x 19 offset 43	-
2.0 I 110 kW	235/50 R 19 99V	7 J x 19 offset 43	-
2.0 I 140 kW diesel engine	235/45 R 20 100V	8 J x 20 offset 41	-

Tyre package 62			
Engine	Tyre size	Wheel size	Snow chains
1.4 I 92 kW	215/65 R 17 99H M+S	6 ¹ / ₂ J x 17 offset 38	x
1.4 I 110 kW	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
2.0 I 132 kW petrol engine	215/65 R 17 99V	7 J x 17 offset 40	x
2.0 I 85 kW; 2.0 I 110 kW diesel engine	215/65 R 17 99V	7 J x 17 offset 40	x

Tyre package 63			
Engine	Tyre size	Wheel size	Snow chains
1.4 I 92 kW	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
1.4 I 110 kW	215/65 R 17 99V	7 J x 17 offset 40	x
2.0 I 132 kW petrol engine	235/55 R 18 100V	7 J x 18 offset 43	-
2.0 I 85 kW	235/50 R 19 99V	7 J x 19 offset 43	-
2.0 I 110 kW	235/50 R 19 99V	7 J x 19 offset 43	-
2.0 I 140 kW diesel engine	235/45 R 20 100V	8 J x 20 offset 41	-
	255/45 R 19 100V	8.5 J x 19 offset 38	-
	255/40 R 20 101V	8.5 J x 20 offset 38	-

Tyre makes recommended by Volkswagen:

- ◆ ⇒ [“5 Recommended summer tyres”, page 20](#)
- ◆ ⇒ [“6 Recommended all-season tyres”, page 21](#)
- ◆ ⇒ [“7 Recommended winter tyres, worldwide except North America and China”, page 22](#)
- ◆ ⇒ [“8 Recommended temporary spare tyres and wheels”, page 23](#)

3.4 Type approval no. (K):
e1*2001/116*0450*29 to
e1*2001/116*0450*30

⇒ [“1.3 Definition of tyre package”, page 3](#)



Appendix for certificate statement 8114125139

Type approval model code 5N



Note

The last two digits of the version key ⇒ **page 5** indicate the required tyre package. The tyre package indicated in the version key in the vehicle registration certificate part 1 is binding.

Example:

2.0l/110 kW engine – Specification as per version key in the vehicle registration certificate part 1: tyre package 61, i.e. only these wheel and tyre combinations are permitted for this vehicle and correspond to the type approval number.

Allocation of tyre packages to the respective engine types



NOTICE

- Type and size of snow chains ⇒ Owner's Manual; Snow chains .
- In the vehicle registration certificate part 1, only one tyre package is allocated to the vehicle.
- Options for changing to other wheel and tyre combinations ⇒ **page 14**.
- General information on winter tyres and winter chains ⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Information about tyres .
- All tyre sizes listed in the vehicle documents can also be used as winter tyres. It is recommended to use winter tyres of a size for which snow chains are permitted ⇒ Owner's Manual; Snow chains .
- The tables below show the type approval data. Tyres which are not labelled M+S may still be winter tyres. Only when winter tyres are in use may the top speed that a vehicle can achieve be greater than the maximum speed specified by the speed symbol of the tyre. In this case, an appropriate label must be attached in the driver's range of view ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Information on tyres, winter tyres .

Tyre package 61			
Engine	Tyre size	Wheel size	Snow chains
1.4l 92 kW	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
1.4l 110 kW			
2.0l 132 kW	215/65 R 17 99V	7 J x 17 offset 40	x
2.0l 162 kW	235/55 R 18 100V	7 J x 18 offset 43	-
petrol engine			
1.6l 85 kW	235/50 R 19 99V	7 J x 19 offset 43	-
2.0l 85 kW	235/45 R 20 100V	8 J x 20 offset 41	-
2.0l 110 kW			
2.0l 140 kW			
2.0l 176 kW			
diesel engine			

Tyre package 62			
Engine	Tyre size	Wheel size	Snow chains
1.4l 92 kW	215/65 R 17 99H M+S	6 ¹ / ₂ J x 17 offset 38	x
1.4l 110 kW			



Tyre package 62			
Engine	Tyre size	Wheel size	Snow chains
2.0 l 132 kW petrol engine	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
1.6l 85 kW 2.0 l 85 kW 2.0 l 110 kW diesel engine	215/65 R 17 99V	7 J x 17 offset 40	x

Tyre package 63			
Engine	Tyre size	Wheel size	Snow chains
1.4l 92 kW 1.4l 110 kW 2.0l 132 kW 2.0l 162 kW petrol engine	215/65 R 17 99V	6 ¹ / ₂ J x 17 offset 38	x
1.6l 85 kW 2.0l 85 kW 2.0l 110 kW 2.0l 140 kW 2.0l 176 kW diesel engine	215/65 R 17 99V	7 J x 17 offset 40	x
	235/55 R 18 100V	7 J x 18 offset 43	-
	235/50 R 19 99V	7 J x 19 offset 43	-
	235/45 R 20 100V	8 J x 20 offset 41	-
	255/45 R 19 100V	8.5 J x 19 offset 38	-
	255/40 R 20 101V	8.5 J x 20 offset 38	-

Tyre makes recommended by Volkswagen:

- ◆ ⇒ [“5 Recommended summer tyres”, page 20](#)
- ◆ ⇒ [“6 Recommended all-season tyres”, page 21](#)
- ◆ ⇒ [“7 Recommended winter tyres, worldwide except North America and China”, page 22](#)
- ◆ ⇒ [“8 Recommended temporary spare tyres and wheels”, page 23](#)



3.5 Changing to other wheel and tyre combinations

In addition to the tyre package indicated in the registration documents, other wheel and tyre combinations may be retrofitted. The following conditions must be met in order to do this:

! NOTICE

- ◆ If a wheel and tyre combination is fitted which is not indicated in the registration documents or in the COC paper (EEC Certificate of Conformity), the type approval of the vehicle becomes invalid in Germany. To re-establish the type approval, the vehicle must be inspected by a recognised technical inspection authority or an inspection engineer in accordance with the German road traffic and licensing regulations section 19.2 / section 21 of the StVZO. Then, a new type approval must be requested from the responsible registration authority.
- ◆ Comply with the respective country-specific registration regulations.
- ◆ Comply with the legal requirements ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Legislative and technical conditions for retrofitting different wheel and tyre combinations; Legislative conditions for retrofitting different wheel and tyre combinations .
- ◆ Type and size of snow chains ⇒ Owner's Manual; Snow chains .

Optional wheel and tyre combinations			
Engine	Tyre size	Wheel size	Snow chains
All engines	215/65 R 17 99H M+S	6 ¹ / ₂ J x 17 offset 38	x
	235/55 R 18 100V	7 J x 18 offset 43	-
	235/50 R 19 99V	7 J x 19 offset 43	-
	235/45 R 20 100V	8 J x 20 offset 41	-
	255/45 R 19 100V ¹⁾	8.5 J x 19 offset 38	-
	255/40 R 20 101V ¹⁾	8.5 J x 20 offset 38	-

¹⁾ Only in conjunction with wheel housing extension.



4 Wheel allocation

⇒ ["4.1 6 1/2 J x 17 offset 38", page 15](#)

⇒ ["4.2 7 J x 17 offset 40", page 15](#)

⇒ ["4.3 7 J x 18 offset 43", page 16](#)

⇒ ["4.4 7 J x 19 offset 43", page 17](#)

⇒ ["4.5 8.5 J x 19 offset 38", page 18](#)

⇒ ["4.6 8 J x 20 offset 41", page 18](#)

⇒ ["4.7 8.5 J x 20 offset 38", page 19](#)

4.1 6 1/2 J x 17 offset 38



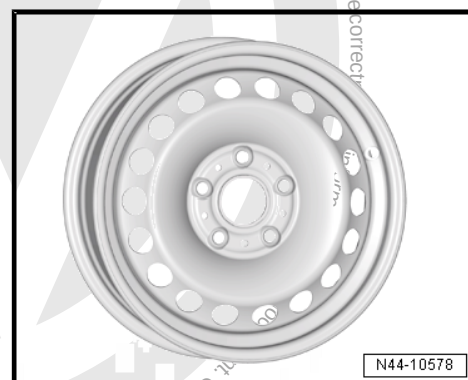
Note

Always observe the allocation of wheels and tyres to the respective engines, which are listed in the overview table.

Explanation of information on wheels:	⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Useful information about passenger car wheels, specifications on wheels
Specified torque for wheel bolts:	⇒ Running gear, axles, steering; Rep. gr. 44 ; Specified torque for fitting wheels
Pitch circle diameter:	112 mm
Number of wheel bolt holes:	5

5QF 601 027 - steel wheel

Dimensions:	6 1/2 J x 17
Wheel offset in mm:	38
Wheel load in kg:	730



4.2 7 J x 17 offset 40



Note

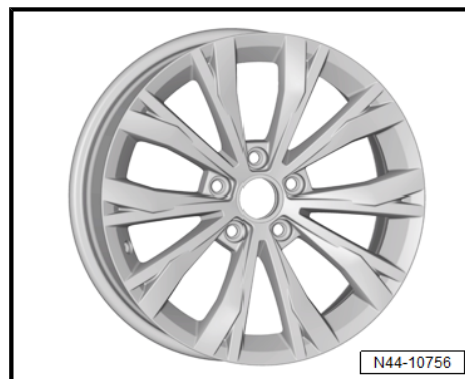
Always observe the allocation of wheels and tyres to the respective engines, which are listed in the overview table.

Explanation of information on wheels:	⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Useful information about passenger car wheels, specifications on wheels
Specified torque for wheel bolts:	⇒ Running gear, axles, steering; Rep. gr. 44 ; Specified torque for fitting wheels
Pitch circle diameter:	112 mm
Number of wheel bolt holes:	5



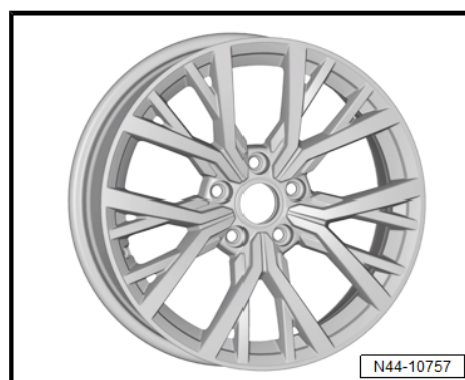
5NA 601 025 - aluminium wheel "MONTANA"

Dimensions:	7 J x 17
Wheel offset in mm:	40
Wheel load in kg:	730



5NA 601 025 A - aluminium wheel "TULSA"

Dimensions:	7 J x 17
Wheel offset in mm:	40
Wheel load in kg:	730



4.3 7 J x 18 offset 43



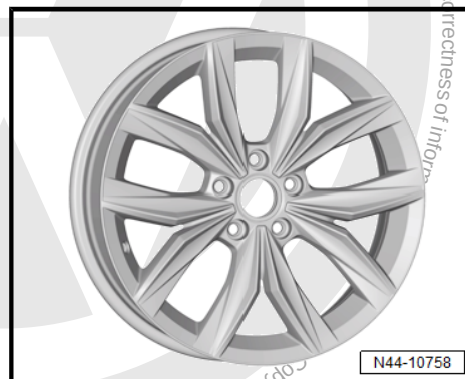
Note

Always observe the allocation of wheels and tyres to the respective engines, which are listed in the overview table.

Explanation of information on wheels:	⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Useful information about passenger car wheels, specifications on wheels
Specified torque for wheel bolts:	⇒ Running gear, axles, steering; Rep. gr. 44 ; Specified torque for fitting wheels
Pitch circle diameter:	112 mm
Number of wheel bolt holes:	5

5NA 601 025 B - aluminium wheel "KINGSTON"

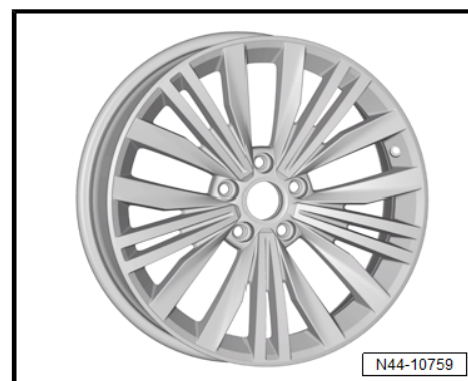
Dimensions:	7 J x 18
Wheel offset in mm:	43
Wheel load in kg:	730





5NA 601 025 C, 5NA 601 025 K - aluminium wheel "NIZZA"

Dimensions:	7 J x 18
Wheel offset in mm:	43
Wheel load in kg:	730



5NA 601 025 M - aluminium wheel "SEBRING"

Dimensions:	7 J x 18
Wheel offset in mm:	43
Wheel load in kg:	730



4.4 7 J x 19 offset 43



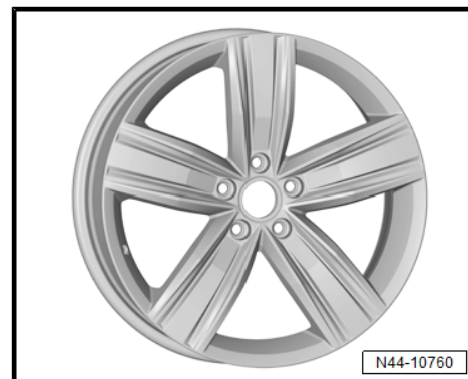
Note

Always observe the allocation of wheels and tyres to the respective engines, which are listed in the overview table.

Explanation of information on wheels:	⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Useful information about passenger car wheels, specifications on wheels
Specified torque for wheel bolts:	⇒ Running gear, axles, steering; Rep. gr. 44 ; Specified torque for fitting wheels
Pitch circle diameter:	112 mm
Number of wheel bolt holes:	5

5NA 601 025 Q, 5NA 601 025 R - aluminium wheel "VICTORIA FALLS"

Dimensions:	7 J x 19
Wheel offset in mm:	43
Wheel load in kg:	730





5NA 601 025 F, 5NA 601 025 N - aluminium wheel "AUCKLAND"

Dimensions:	7 J x 19
Wheel offset in mm:	43
Wheel load in kg:	730



4.5 8.5 J x 19 offset 38



Note

Always observe the allocation of wheels and tyres to the respective engines, which are listed in the overview table.

Explanation of information on wheels:	⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Useful information about passenger car wheels, specifications on wheels
Specified torque for wheel bolts:	⇒ Running gear, axles, steering; Rep. gr. 44 ; Specified torque for fitting wheels
Pitch circle diameter:	112 mm
Number of wheel bolt holes:	5

5NA 601 025 E - aluminium wheel "SEBRING"

Dimensions:	8.5 J x 19
Wheel offset in mm:	38
Wheel load in kg:	730



4.6 8 J x 20 offset 41



Note

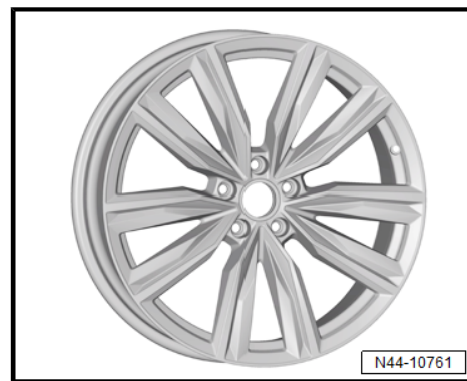
Always observe the allocation of wheels and tyres to the respective engines, which are listed in the overview table.

Explanation of information on wheels:	⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Useful information about passenger car wheels, specifications on wheels
Specified torque for wheel bolts:	⇒ Running gear, axles, steering; Rep. gr. 44 ; Specified torque for fitting wheels
Pitch circle diameter:	112 mm
Number of wheel bolt holes:	5



5NA 601 025 H, 5NA 601 025 J - aluminium wheel "KAPSTADT"

Dimensions:	8 J x 20
Wheel offset in mm:	41
Wheel load in kg:	730



4.7 8.5 J x 20 offset 38



Note

Always observe the allocation of wheels and tyres to the respective engines, which are listed in the overview table.

Explanation of information on wheels:	⇒ Wheels and Tyres Guide - General information; Rep. gr. 44 ; Useful information about passenger car wheels, specifications on wheels
Specified torque for wheel bolts:	⇒ Running gear, axles, steering; Rep. gr. 44 ; Specified torque for fitting wheels
Pitch circle diameter:	112 mm
Number of wheel bolt holes:	5

5NA 601 025 G - aluminium wheel "SUZUKA"

Dimensions:	8.5 J x 20
Wheel offset in mm:	38
Wheel load in kg:	730





5 Recommended summer tyres

⇒ **“5.1 Recommended summer tyres, worldwide except North America”, page 20**

⇒ **“5.2 Recommended summer tyres, Japan, Singapore, South Korea”, page 20**

5.1 Recommended summer tyres, worldwide except North America

Notes regarding the recommended tyres ⇒ **page 1**

⇒ **“1.2 Explanations regarding world regions”, page 2**

Tyre size	Manufacturer	Tread pattern	Comments
215/65 R 17 99V	Michelin	Primacy 3	Rolling resistance optimised tyres ¹⁾
	Pirelli	Scorpion Verde	
235/55 R 18 100V	Pirelli	Scorpion Verde	Run-flat tyre ²⁾
	Continental	Sport Contact 5 SUV	
235/50 R 19 99W	Pirelli	Scorpion Verde	Run-flat tyre ²⁾
235/45 R 20 100V	Pirelli	Scorpion Verde	Run-flat tyre ²⁾
255/45 R 19 100V	Pirelli	Scorpion Verde	Run-flat tyre ²⁾
255/40 R 20 101V	Pirelli	Scorpion Verde	Run-flat tyre ²⁾

¹⁾ ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Rolling resistance optimised tyres

²⁾ ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Information concerning tyres; Construction - radial-belt tyres; Tyres with run-flat properties, self-sealing technology

5.2 Recommended summer tyres, Japan, Singapore, South Korea

Notes regarding the recommended tyres ⇒ **page 1**

⇒ **“1.2 Explanations regarding world regions”, page 2**

Tyre size	Manufacturer	Tread pattern	Comments
215/65 R 17 99V	Michelin	Primacy 3	
235/55 R 18 100V	Pirelli	Scorpion Verde	Run-flat tyre ¹⁾
	Continental	Sport Contact 5 SUV	
235/50 R 19 99W	Pirelli	Scorpion Verde	Run-flat tyre ¹⁾

¹⁾ ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Information concerning tyres; Construction - radial-belt tyres; Run-flat tyres, self-sealing technology



6 Recommended all-season tyres

⇒ **"6.1 Recommended all-season tyres, worldwide except North America and China", page 21**

6.1 Recommended all-season tyres, worldwide except North America and China

Notes regarding the recommended tyres ⇒ **page 1**

⇒ **"1.2 Explanations regarding world regions", page 2**

Tyre size	Manufacturer	Tread pattern	Comments
235/55 R 18 100V	Continental	TS815	Run-flat tyre ¹⁾

¹⁾ ⇒ Wheels and Tyres Guide - General Information; Rep. gr. 44 ; Information concerning tyres; Construction - radial-belt tyres; Run-flat tyres, self-sealing technology



7 Recommended winter tyres, worldwide except North America and China

Notes regarding the recommended tyres ⇒ [page 1](#)

⇒ [“1.2 Explanations regarding world regions”, page 2](#)

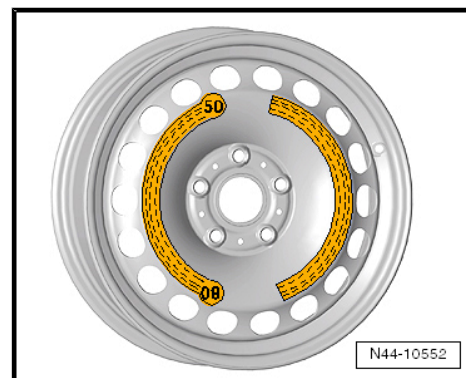
Tyre size	Manufacturer	Tread pattern	Comments
235/55 R 18 104H	Pirelli	Winter 210 Sottozero 2	
235/50 R 19 103H XL	Pirelli	Winter 210 Sottozero 2	



8 Recommended temporary spare tyres and wheels

Inform your customers about the following notes and, if appropriate, refer also to the user's manual of the vehicle as the need arises.

The following notes also apply to spare wheels, e.g. 6.5 J x 17 with 215/65 R 17 tyres, marked with a yellow sticker with the text "MAX 80 km/h" or "MAX 50 mph".



Note

- ◆ Depending on the vehicle equipment cars have a spare wheel with the sticker described above instead of a temporary spare wheel.
- ◆ The spare wheel or temporary spare wheel is intended only for temporary use over short distances. Therefore, it must be replaced by a normal wheel as quickly as possible.
- ◆ After the temporary or spare wheel has been fitted, the tyre pressure must be checked as soon as possible.
- ◆ Tyre pressure information is located on the tyre pressure plate on the inside of the tank flap or on the driver side B-pillar.
- ◆ Always observe the speed warning on the temporary spare wheel ("MAX 80 km/h" or "MAX 50 mph").
- ◆ Full acceleration, hard braking and driving fast through curves should be avoided.
- ◆ Never drive with more than one spare wheel or temporary spare wheel.
- ◆ The use of snow chains on the temporary spare wheel is not permitted for technical reasons.
- ◆ If it is necessary to travel with snow chains, the temporary spare wheel must be fitted on the rear axle even if the front tyre has been damaged. The now available rear wheel must then be fitted in place of the defective front wheel.

Refer to ⇒ Electronic Parts Catalogue "ETKA" for replacement part numbers.

Wheel	Tyre		
	Size:	Manufacturer	Profile
4 J x 18 offset 28	T145/85 R 18 103M	Continental	CST 17