



Workshop Manual

Arteon 2018 ➤ , Golf 2017 ➤ ,
Golf Sportsvan 2018 ➤ ,
Golf Variant 2017 ➤ , Polo 2018 ➤ ,
Sharan 2016 ➤ , T-Cross 2019 ➤ ,
T-Roc 2018 ➤ , Tiguan 2016 ➤ ,
Tiguan MEX 2017 ➤ ,
Tiguan RUS 2017 ➤ , Touareg 2018 ➤ ,
Touran 2016 ➤ , e-Golf 2017 ➤ ,
e-up! 2017 ➤ , up! 2017 ➤

Guide for using trailers from market launch 2016

Edition 04.2019



List of Workshop Manual Repair Groups

Repair Group

00 - Technical data



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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00 – Technical data

1 Foreword

(VRL012993; Edition 04.2019)

The contents of this guide are separated into two parts.

The first part contains information and important notes on the subject of "Trailer operation". The technical prerequisites for towing trailers or the function of the trailer control unit, for example, are explained here.

Listed in the second part are the trailer loads (braked, unbraked and drawbar load) of the vehicles (categorised according to engine performance) and, where possible, the prerequisites that have to be met to uprate the trailer load on a vehicle.

Volkswagen vehicles are built according to the latest findings in safety engineering.

It is therefore recommended that only parts identified as Genuine Volkswagen are used as replacement parts. It has been established that these parts are reliable, safe and suitable.

Despite constant appraisal of the market, it is not possible to assess other products on these points, even when in individual cases they have been passed by official inspectors or have been granted official approval. It is obvious that no liability can therefore be assumed if these products are installed.

1.1 Legal requirements outside Germany

The country-specific legislation and guidelines must be observed. If further clarity is required, contact your importer.



2 Technical prerequisites

Factory fitted towing attachment ⇒ [page 2](#)

Retrofitted towing attachment ⇒ [page 2](#)

Ball head ⇒ [page 2](#)

Trailer socket ⇒ [page 2](#)

Trailer detector control unit - J345- ⇒ [page 3](#)

Engine cooling ⇒ [page 3](#)

Exterior mirrors ⇒ [page 4](#)

Up-rated shock absorbers and coil springs ⇒ [page 4](#)

2.1 Factory fitted towing attachment

If the vehicle was supplied with a factory fitted towing attachment, everything with regards to the technical and legal requirements has already been taken care of.

If the trailer to be towed has a »7-pin« connector, an adapter cable available from Volkswagen dealerships can be used.

2.2 Retrofitted towing attachment

If the vehicle is to be equipped with a retrofit towing bracket, the following should be observed:

The towing bracket is a safety-relevant component. Therefore, only a type approved device designed specifically for the vehicle should be used. It is recommended that a towing attachment from the Volkswagen accessory programme is used as it is the same as the factory fitted devices. For these towing brackets, the installation instructions supplied also have Volkswagen's approval.

2.3 Ball head

Length:

350 to 420 mm, measured from centre of ball head to road surface

Distance:

Minimum of 65 mm, measured from centre of ball head to bumper

2.4 Trailer socket

The trailer socket must be connected in accordance with the manufacturer's instructions to the electrical system of the pulling vehicle.

When installing, observe the relevant current flow diagrams and the installation instructions from the manufacturer of the towing bracket.

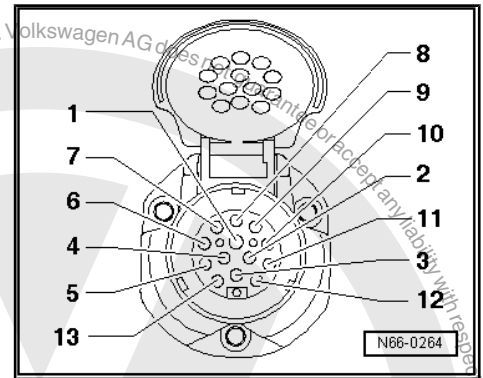
2.4.1 »13-pin« trailer socket

Reversing lights, »permanent current« and charge lead on the trailer can be used via the »13-pin« trailer socket. If a bike trailer is to be mounted or a caravan is to be towed, for example, it is recommended that a »13-pin« trailer socket is always used.



Assignment of the pins should then be carried out in accordance with DIN ISO 11446 as follows:

- ◆ 1 - Left turn signal
- ◆ 2 - Rear fog light
- ◆ 3 - Earth for current circuit 1 to 8
- ◆ 4 - Right turn signal
- ◆ 5 - Right driving light
- ◆ 6 - Brake light
- ◆ 7 - Left driving light
- ◆ 8 - Reversing light
- ◆ 9 - Terminal 30 (permanent positive)
- ◆ 10 - Terminal 15 (charge battery in trailer)
- ◆ 11 - Not assigned
- ◆ 12 - Not assigned
- ◆ 13 - Earth for terminal 15/30



2.5 Trailer detector control unit - J345-

General description:

The trailer detector control unit - J345- detects "trailer operation" and sends this information via CAN bus to various other control units.

The trailer detector control unit - J345- receives information (regulation of lights) from the onboard supply control unit - J519- and the convenience system central control unit - J393- via the CAN data bus.

Installation position of the trailer detector control unit - J345- ➔ Electrical system; Rep. gr. 94 ; Towing bracket .

2.5.1 Coding trailer detector control unit - J345-

Carry out coding using the ➔ Vehicle diagnostic tester.

2.6 Engine cooling

Since higher demands are placed on the engine cooling system when a trailer is being towed, the cooling system is uprated in conjunction with factory fitted towing bracket if this is a technical necessity. This is carried out, for example, by installing a more powerful or second radiator fan and/or larger radiator.

The cooling system should also be uprated if a towing attachment is retrofitted and provision for this has not been made in the factory. If this is not done, overheating of the cooling system cannot be ruled out if the engine is placed under high load (gradients, high ambient temperatures, heavy trailer). During conversion, the parts listed in ETKA (electronic parts catalogue) must be used for engine cooling in combination with trailer towing. In addition, the work instructions from the relevant workshop manuals must be followed.

It is only possible to choose not to uprate the cooling system if assurance can be given that the engine will only be placed under medium load, e.g.

- ◆ stay well below the gross combination weight



- ◆ high ambient temperatures are unlikely
- ◆ the vehicle is not driven up long, steep gradients
- ◆ no very long journeys are undertaken

In any case, the coolant temperature gauge must be observed carefully. If the needle of the display moves very far into the hot zone, the speed of the vehicle should be reduced immediately. In an emergency, it may even be necessary to stop and allow the engine to cool down. In this instance, the engine should be allowed to idle for about 2 minutes to avoid any build up of heat.



Note

- ◆ *On vehicles with air conditioning, cooling of the engine can be assisted by switching off the air conditioning system. In this way, there will be an improvement in pulling away and overtaking.*
- ◆ *If, in a special case, it was decided not to uprate the cooling system, the new owner must be informed of this when the vehicle is sold.*

2.7 Exterior mirror

If the traffic behind the trailer cannot be seen with the exterior mirrors fitted as standard, additional mirrors are necessary. Both exterior mirrors must be fitted in this instance to extension brackets that can be folded in and the mirrors must be adjusted so that the view to the rear is assured at all times.

2.8 Uprated shock absorbers and coil springs

- ◆ Diving or dipping of the rear end between pulling vehicle and trailer can be avoided with the use of uprated shock absorbers and coil springs on the rear axle. These shock absorbers and springs can also be retrofitted in many cases by a Volkswagen workshop, unless of course they were installed ex-factory. For allocation of the shocks and springs refer to ⇒ Electronic Parts Catalogue "ETKA".
- ◆ Diving or dipping and trailer snaking can also be avoided with stabilisation aids that can be procured in most European countries via Volkswagen dealerships and also installed by them.



3 Notes on operation and driving



Note

It is essential that the notes on operation and driving, which can be found in the operating instructions of your vehicle, are read and observed.





4 General information

Towing attachment type plate ➔ [page 6](#)

Weight of vehicle and trailer combination ➔ [page 6](#)

Tachograph ➔ [page 6](#)

4.1 Towing attachment type plate

The trailer load and drawbar load details on the type plate of the towing attachment are test figures for the device. The approved details for the relevant vehicle could be below the trailer load and drawbar load specifications of the towing bracket. Figures can be found

- ♦ in the registration papers
- ♦ in the vehicle's owner's manual
- ♦ in this guide

that are specific to the vehicle.

The curb weight of the pulling vehicle is increased due to the towing attachment, which means the permissible load has to be reduced respectively.

4.2 Weight of vehicle and trailer combination

The weight of the vehicle and trailer combination comprises the actual weight of the pulling vehicle and the actual weight of the trailer. The maximum permissible weights of the pulling vehicle and the trailer must not be exceeded. If the maximum permissible trailer load is utilised, under certain circumstances the weight of the pulling vehicle may have to be reduced accordingly.

4.3 Tachograph

In many European countries there is an obligation to install and use a tachograph on vehicles (including passenger vehicles) that serve purely for commercial purposes to transport goods where their maximum permissible weight including drawbar trailer or fifth wheel trailer exceeds 3.5 t. In this case, it makes no difference whether the pulling vehicle with trailer or either one separately is used to transport goods commercially.



5 Drawbar load details

The drawbar load specifications on the type plate of the towing attachment are test figures and apply only for that device. The valid drawbar load for the vehicle may lie below these values, and exceeding it is not permitted. These details can be found:

- ◆ in the registration papers
- ◆ in the vehicle's owner's manual
- ◆ in this guide





6 Legal requirements

When towing a trailer, the legal requirements of the respective country must be observed.





7 Golf 2017 ►

Vehicles with manual gearbox						
Golf, type BQ1	Output in kW	Displace- ment/l	Annotations	Trailer load in kg		
				unbraked	Gradient, braked	
					12%	8%
Petrol en- gine	63	1.0		600 ¹⁾	1100	1300
	81	1.0	-	600 ²⁾	1300	1500
	85	1.0	-	620	1300	1500
	81	1.2	-	600 ¹⁾	1300	1500
	81	1.4	EcoFuel (natural gas CNG)	650	1400	1700
	81	1.6	-	590 ²⁾	1200	1400
	92	1.4	-	620 ¹⁾	1400	1700
	92	1.4	FlexFuel (bioethanol E85)	620 ¹⁾	1400	1700
	96	1.5	-	640 ¹⁾	1400	1700
	96	1.5	EcoFuel (natural gas CNG)	670	1400	1700
	110	1.4	-	620 ²⁾	1500	1700
	110	1.5	-	640 ²⁾	1500	1700
	169	2.0	-	680 ¹⁾	1600	1800
	180	2.0	-	690 ¹⁾	1600	1800
	213	2.0	4MOTION	-	-	-
	215	2.0	4MOTION	-	-	-
	228	2.0	4MOTION	-	-	-
Diesel en- gine	66	1.6	-	640 ¹⁾	1400	1700
	77	1.6	-	640 ¹⁾	1500	1800
	81	1.6	4MOTION	710	1500	1800
	85	1.6	-	660 ²⁾	1500	1800
	81	2.0	-	640 ²⁾	1500	1800
	105	2.0	-	680	1600	1800
	110	2.0	-	680 ²⁾	1600	1800
	110	2.0	4MOTION	730	1700	1900
	135	2.0	-	690 ¹⁾	1600	1800

¹⁾ Applies to 2-door vehicles; 10 kg higher on 4-door vehicles

²⁾ Applies to 2-door vehicles; 20 kg higher on 4-door vehicles

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox					
Golf, type BQ1				Trailer load in kg	
				Gradient, braked	



Vehicles with dual clutch gearbox							
	Output in kW	Displacement/l	Annotations	unbraked	12%	8%	Drawbar load in kg
Petrol engine	77	1.2	-	620 ¹⁾	1300	1500	80
	81	1.0	-	610 ²⁾	1300	1500	
	81	1.2	-	610 ²⁾	1300	1500	
	81	1.4	EcoFuel (natural gas CNG)	660	1400	1700	
	92	1.4	-	630 ¹⁾	1400	1700	
	96	1.5	-	660 ¹⁾	1400	1700	
	96	1.5	EcoFuel (natural gas CNG)	680	1400	1700	
	103	1.4	Without Active Cylinder Management	640 ¹⁾	1500	1700	
	103	1.4	With Active Cylinder Management	650 ¹⁾	1500	1700	
	110	1.4	-	630 ¹⁾	1500	1700	
	110	1.4	Regenerative braking and start/stop function	640 ¹⁾	1500	1700	
	110	1.4	Hybrid	750	1500	1700	
	110	1.5	-	650 ¹⁾	1500	1700	
	155	2.0	-	690 ¹⁾	1600	1800	
	162	2.0	-	700	1600	1800	
	169	2.0	-	690 ¹⁾	1600	1800	
	180	2.0	-	700 ²⁾	1600	1800	
	213	2.0	4MOTION	-	-	-	
	215	2.0	4MOTION	-	-	-	
	221	2.0	4MOTION	-	-	-	
	228	2.0	4MOTION	-	-	-	
Diesel engine	85	1.6	-	660 ²⁾	1500	1800	
	81	2.0	Emission standards in accordance with EU4	670 ¹⁾	1500	1800	
	81	2.0	-	710 ¹⁾	1500	1800	
	105	2.0	-	690 ¹⁾	1600	1800	
	110	2.0	7-speed dual clutch gearbox	680/700 ²⁾	1600	1800	
	110	2.0	6-speed dual clutch gearbox	700 ²⁾	1600	1800	
	110	2.0	4MOTION	750	1700	1900	



Vehicles with dual clutch gearbox							
	130	2.0	-	700 ¹⁾	1600	1800	
	135	2.0	-	710 ²⁾	1600	1800	

¹⁾ Applies to 2-door vehicles; 10 kg higher on 4-door vehicles

²⁾ Applies to 2-door vehicles; 20 kg higher on 4-door vehicles

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with an automatic gearbox							
Golf, type BQ1	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	81	1.6	-	610 ¹⁾	1200	1400	80

¹⁾ Applies to 2-door vehicles; 10 kg higher on 4-door vehicles

For technical reasons, an increase in the permissible trailer load is not possible.





8 Golf Estate 2017 ► , Golf Alltrack 2017

⇒ "8.1 Golf Estate 2017 ►", page 12

⇒ "8.2 Golf Estate Alltrack 2017 ►", page 13

8.1 Golf Estate 2017 ►

Vehicles with manual gearbox							
Golf, type BV5	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	63	1.0	-	640	1100	1300	80
	81	1.0	-	640	1300	1500	
	85	1.0	-	650	1300	1500	
	81	1.4	EcoFuel (natural gas CNG)	680	1400	1700	
	92	1.4	-	650/660 ¹⁾	1400	1700	
	92	1.4	FlexFuel (bioethanol E85)	650	1400	1700	
	96	1.5	-	670/680 ¹⁾	1400	1700	
	110	1.4	-	660/670 ¹⁾	1500	1700	
	110	1.5	-	680	1500	1700	
Diesel en- gine	66	1.6	-	680	1400	1700	80
	81	1.6	4MOTION	740	1700	1900	
	81	2.0	-	690	1500	1800	
	85	1.6	-	680/690 ¹⁾	1500	1800	
	110	2.0	-	710/720 ¹⁾	1600	1800	
	110	2.0	4MOTION	750	2000	2000	
	135	2.0	-	730	1600	1800	

1) Depending on equipment

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Golf, type BV5	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	77	1.2	-	660/670 ²⁾	1300	1500	80
	81	1.0	-	650	1300	1500	
	81	1.4	EcoFuel (natural gas CNG) with 7-speed du- al clutch gearbox	690	1400	1700	



Vehicles with dual clutch gearbox						
	81	1.4	EcoFuel (natural gas CNG) with 6-speed dual clutch gearbox	700	1400	1700
	92	1.4	-	660/670 ²⁾	1400	1700
	96	1.5	-	680/690/700 ²⁾	1400	1700
	103	1.4	-	680/690 ²⁾	1500	1700
	110	1.4	-	670/680 ²⁾	1500	1700
	110	1.5	-	690	1500	1700
	213	2.0	4MOTION	-	-	-
	221	2.0	4MOTION	-	-	-
	228	2.0	4MOTION	-	-	-
Diesel engine	85	1.6	-	690/700 ²⁾	1500	1800
	81	2.0	6-speed dual clutch gearbox	700	1500	1800
	81	2.0	7-speed dual clutch gearbox	710	1500	1800
	110	2.0	Without SCR system	720	1600	1800
	110	2.0	With SCR system	730/740 ²⁾	1600	1800
	110	2.0	4MOTION	750	2000	2000
	135	2.0	-	740/750 ²⁾	1600	1800

2) Depending on equipment

For technical reasons, an increase in the permissible trailer load is not possible.

8.2 Golf Estate Alltrack 2017 ►

Vehicles with manual gearbox							
Golf, type BV	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Diesel en- gine	81	1.6	4MOTION	750	1700	1900	80
	110	2.0	4MOTION	750	2000	2000	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Golf, type BV	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	



Vehicles with dual clutch gearbox							
Diesel engine	110	2.0	4MOTION	750	2000	2000	80
	135	2.0	4MOTION	750	2000	2000	
Petrol engine	132	1.8	4MOTION	750	1500	1700	80

For technical reasons, an increase in the permissible trailer load is not possible.





9 Golf SV 2018 ►

Vehicles with manual gearbox							
Golf SV, type AN	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	63	1.0	-	660	1100	1300	80
	81	1.0	-	670	1300	1500	
	85	1.0	-	660	1300	1500	
	96	1.5	-	690	1400	1700	
	110	1.5	-	690	1500	1700	
Diesel en- gine	66	1.6	-	710	1300	1500	
	81	2.0	-	710	1500	1800	
	85	1.6	-	720	1500	1800	
	110	2.0	-	750	1600	1800	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Golf SV, type AN	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	81	1.0	-	680	1300	1500	80
	85	1.0	-	670	1300	1500	
	92	1.4	-	690	1400	1700	
	96	1.5	-	700	1400	1700	
	110	1.5	-	710	1500	1700	
Diesel en- gine	66	1.6	-	720	1300	1500	
	81	2.0	-	730	1500	1800	
	85	1.6	-	720/730 ³⁾	1500	1800	
	110	2.0	-	750	1600	1800	

3) Depending on equipment

For technical reasons, an increase in the permissible trailer load is not possible.



10 Touran 2016 ►

Vehicles with manual gearbox							
Touran, type 5T EC	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	85	1.0		730	1300	1600	80
	81	1.2	5-seater	710	1300	1600	
	81	1.2	7-seater	730	1300	1600	
	110	1.4	5-seater	720	1500	1800	
	110	1.4	7-seater	740	1500	1800	
	110	1.5	5-seater	740/750 ⁴⁾	1500	1800	
	110	1.5	7-seater	750	1500	1800	
Diesel en- gine	81	1.6	-	750	1500	1800	80
	81	2.0	Emission standards in accordance with EU4	750	1500	-	
	81	2.0	-	750	1500	1800	
	85	1.6	-	750	1500	1800	
	110	2.0	-	750	1800	2000	

4) Depends on gearbox type MQ250 or MQ281

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Touran, type 5T EC	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	-	730/740/750 ⁵⁾	1500	1800	80
	110	1.5	-	750	1500	1800	
	132	1.8	-	750	1500	1800	
Diesel en- gine	81	1.6	-	750	1500	1800	80
	81	2.0	-	750	1500	1800	
	85	1.6	-	750	1500	1800	
	85	2.0	-	750	1500	1800	
	110	2.0	-	750	1800	2000	
	140	2.0	-	750	1800	2000	

5) Depending on equipment

For technical reasons, an increase in the permissible trailer load is not possible.



11 Sharan 2016 ►

Vehicles with manual gearbox							
Sharan, type 7N EC	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	-	750	1800	2000	100
Diesel en- gine	85	2.0	-	750	2000	2200	
	110	2.0	5-seater	750	2200	2300 ¹⁾	
	110	2.0	6- and 7- seater	750	2200	2400 ¹⁾	
	110	2.0	4MOTION	750	2400	2400	
	135	2.0	-	750	2200	2400	

¹⁾ Does not apply for Austrian version of vehicle

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Sharan, type 7N EC	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	-	750	1800	2000	100
	162	2.0	-	750	2200	2300 ¹⁾	
Diesel en- gine	110	2.0	-	750	2200	2400	
	130	2.0	-	750	2200	2300 ¹⁾	
	130	2.0	4MOTION	750	2400	2400	
	135	2.0	-	750	2200	2400	
	135	2.0	4MOTION	750	2400	2400	

¹⁾ Applies to 5-seater vehicles; trailer load on 6 and 7-seater vehicles is 100 kg higher

For technical reasons, an increase in the permissible trailer load is not possible.



12 Tiguan 2016 ►

⇒ "12.1 Tiguan 2016 ► with front wheel drive", page 18

⇒ "12.2 Tiguan 2016 ► with all wheel drive and dynamic running gear (PR-No. G03)", page 19

⇒ "12.3 Tiguan 2016 ► with all wheel drive", page 19

12.1 Tiguan 2016 ► with front wheel drive



Note

The towed weight depends on the weight of the vehicle. The vehicle weight depends on the vehicle's equipment. The trailer loads specified in the registration papers are decisive.

Vehicles with manual gearbox							
Tiguan, type AD, BT	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	92	1.4	-	740/750	1600	1800	100
	110	1.4	-	740/750	1800	1900/2000	
	96	1.5	-	750	1600	1800	
	110	1.5	-	750	1800	1900/2000	
Diesel en- gine	81	2.0	-	750	1800	2000	
	85	1.6	-	750	1800	2000	
	85	2.0	-	750	1800	2000	
	110	2.0	-	750	2000	2000/2100/ 2200	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Tiguan, type AD, BT	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	-	740/750	1800	1900/2000	100
	110	1.5	-	750	1300	1300	
Diesel en- gine	110	2.0	-	750	2000	2000/2100/ 2200	

For technical reasons, an increase in the permissible trailer load is not possible.



12.2 Tiguan 2016 ► with all wheel drive and dynamic running gear (PR-No. G03)



Note

The towed weight depends on the weight of the vehicle. The vehicle weight depends on the vehicle's equipment. The trailer loads specified in the registration papers are decisive.

Vehicles with manual gearbox							
Tiguan, type AD, BT	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	4 MOTION	750	2000	2100	100
	132	2.0	4 MOTION	750	2000	2100/2200	
Diesel en- gine	110	2.0	4 MOTION	750	2000/2200/ 2300 ⁶⁾	2100/2200/ 2300 ⁶⁾	

6) Depends on gearbox type MQ350 or MQ500

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Tiguan, type AD, BT	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	4 MOTION	750	2000	2100	100
	132	2.0	4 MOTION	750	2100/2200	2100/2200	
	140	2.0	4 MOTION	750	2100/2200	2100/2200	
	162	2.0	4 MOTION	750	2100/2200	2100/2200	
	169	2.0	4 MOTION	750	2200	2200	
Diesel en- gine	105	2.0	4 MOTION	750	2100/2200	2100/2200	
	110	2.0	4 MOTION	750	2100/2200/ 2300	2100/2200/ 2300	
	130	2.0	4 MOTION	750	2200/2300	2200/2300	
	140	2.0	4 MOTION	750	2200/2300	2200/2300	
	176	2.0	4 MOTION	750	2300	2300	

For technical reasons, an increase in the permissible trailer load is not possible.

12.3 Tiguan 2016 ► with all wheel drive

Vehicles with manual gearbox							
Tiguan, type AD, BT	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	



Vehicles with manual gearbox						
Petrol engine	110	1.4	4 MOTION	750	2000	2200
	132	2.0	4 MOTION	750	2000	2200
Diesel engine	110	2.0	4 MOTION	750	2000/2500 ⁷⁾	2200/2500 ⁷⁾

7) Depends on gearbox type MQ350 or MQ500

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Tiguan, type AD, BT	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	4 MOTION	750	2000	2200	100
	132	2.0	4 MOTION	750	2500	2500	
	140	2.0	4 MOTION	750	2500	2500	
	162	2.0	4 MOTION	750	2500	2500	
	169	2.0	4 MOTION	750	2500	2500	
Diesel en- gine	105	2.0	4 MOTION	750	2500	2500	100
	110	2.0	4 MOTION	750	2500	2500	
	130	2.0	4 MOTION	750	2500	2500	
	140	2.0	4 MOTION	750	2500	2500	
	176	2.0	4 MOTION	750	2500	2500	

For technical reasons, an increase in the permissible trailer load is not possible.



13 Tiguan Allspace 2017 ►

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13.1 Tiguan Allspace 2017 ► with front wheel drive



Note

The towed weight depends on the weight of the vehicle. The vehicle weight depends on the vehicle's equipment. The trailer loads specified in the registration papers are decisive.

Vehicles with manual gearbox							
Tiguan All-space, type BW	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	---	750	1800	2000	100
	110	1.5	---	750	1800	2000	
Diesel en- gine	110	2.0	---	750	2000	2100/2200	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Tiguan All-space, type BW	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	---	750	1800	2000	100
	110	1.5	---	750	1300	1300	
Diesel en- gine	110	2.0	---	750	2000	2200	

For technical reasons, an increase in the permissible trailer load is not possible.



13.2 Tiguan Allspace 2017 ► with all-wheel drive and 16° front



Note

- ♦ The towed weight depends on the weight of the vehicle. The vehicle weight depends on the vehicle's equipment. The trailer loads specified in the registration papers are decisive.
- ♦ At the time of writing this guide, the following PR numbers are associated with the 16° front: 2JB, 2JL, 2JP, 2JR, 2JX.

Vehicles with manual gearbox							
Tiguan All-space, type BW	Output in kW	Displacement/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol engine	110	1.4	---	750	2000	2200	100
Diesel engine	110	2.0	5-seater/7-seater	750	2300/2400	2300/2400	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Tiguan All-space, type BW	Output in kW	Displacement/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol engine	110	1.4	---	750	2000	2200	100
	132	2.0	5-seater/7-seater	750	2300/2400	2300/2400	
	140	2.0	5-seater	750	2200/2300	2200/2300	
	140	2.0	7-seater	750	2400	2400	
	162	2.0	5-seater/7-seater	750	2300/2400	2300/2400	
	169	2.0	5-seater/7-seater	750	2300/2400	2300/2400	
Diesel engine	105	2.0	5-seater	750	2200/2300	2200/2300	
	105	2.0	7-seater	750	2300/2400	2300/2400	
	110	2.0	5-seater	750	2300/2400	2300/2400	
	110	2.0	7-seater	750	2400/2500	2400/2500	
	140	2.0	5-seater	750	2300/2400	2300/2400	
	140	2.0	7-seater	750	2400/2500	2400/2500	
	176	2.0	5-seater/7-seater	750	2400/2500	2400/2500	

For technical reasons, an increase in the permissible trailer load is not possible.



13.3 Tiguan Allspace 2017 ► with all-wheel drive and 24° front



Note

- ◆ The trailer loads specified in the registration papers are decisive.
- ◆ At the time of writing this guide, the following PR numbers are associated with the 24° front: 2J2, 2J3.

Vehicles with manual gearbox							
Tiguan All-space, type BW	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	---	750	2000	2200	100
Diesel en- gine	110	2.0	---	750	2500	2500	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Tiguan All-space, type BW	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.4	---	750	2000	2200	100
	132	2.0	---	750	2500	2500	
	140	2.0	---	750	2500	2500	
	162	2.0	---	750	2500	2500	
	169	2.0	---	750	2500	2500	
Diesel en- gine	105	2.0	---	750	2500	2500	
	110	2.0	---	750	2500	2500	
	140	2.0	---	750	2500	2500	
	176	2.0	---	750	2500	2500	

For technical reasons, an increase in the permissible trailer load is not possible.



14 e-Golf 2017 ►

Trailers cannot be towed by this vehicle for technical reasons.





15 e-up! 2017 ►

Trailers cannot be towed by this vehicle for technical reasons.





16 up! 2017 ►

Trailers cannot be towed by this vehicle for technical reasons.





17 Arteon 2018 ►

Vehicles with manual gearbox							
Arteon, type 3H	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.5	-	750	1600	1900	90
Diesel en- gine	110	2.0	-	750	2000	2000	
	140	2.0	-	750	2000	2100	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Arteon, type 3H	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.5	-	750	1600	1900	90
	140	2.0	-	750	1800	2000	
	200	2.0	4 MOTION	750	2200	2200	
	206	2.0	4 MOTION	750	2200	2200	
Diesel en- gine	110	2.0	-	750	2000	2000	
	130	2.0	-	750	2000	2100	
	140	2.0	-	750	2000	2100/2200 ¹⁾	
	140	2.0	4 MOTION	750	2200	2200	
	176	2.0	4 MOTION	750	2200	2200	

¹⁾ Depending on equipment

For technical reasons, an increase in the permissible trailer load is not possible.



18 T-Roc 2018 ►

Vehicles with manual gearbox							
T-Roc, type A1	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	85	1.0	-	630	1300	1500	80
	110	1.5	-	660	1500	1700	
Diesel en- gine	85	1.6	-	690	1500	1800	
	110	2.0	4 MOTION	750	1700	1900	
	110	2.0	-	700	1600	1800	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
T-Roc, type A1	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	110	1.5	-	670	1500	1700	80
	110	1.5	4 MOTION	730	1600	1800	
	140	2.0	4 MOTION	740	1700	1900	
	221	2.0	4 MOTION	750	1700	1900	
Diesel en- gine	110	2.0	4 MOTION	750	1700	1900	
	110	2.0	-	720	1600	1800	
	140	2.0	4 MOTION	750	1800	2000	

For technical reasons, an increase in the permissible trailer load is not possible.



19 T-Cross 2018 ►

Vehicles with manual gearbox							
T-Cross, type C11	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	70	1.0	-	620	1000	1100	55
	85	1.0	-	620	1100	1200	
Diesel en- gine	70	1.6	-	680	1100	1200	

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
T-Cross, type C11	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	85	1.0	-	630	1100	1200	55
Diesel en- gine	70	1.6	-	690	1100	1200	

For technical reasons, an increase in the permissible trailer load is not possible.





20 Polo 2018 ►

Vehicles with manual gearbox							
Polo, type AW	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	48	1.0	-	550/560 ⁸⁾	800	1000	50
	55	1.0	-	550/560 ⁸⁾	800	1000	
	59	1.0	-	560	800	1000	
	70	1.0	-	570	1000	1100	
	85	1.0	-	570/580 ⁸⁾	1100	1200	
	147	2.0	-	660	1200	1200	
	66	1.0	Natural gas CNG	-	-	-	
Diesel en- gine	59	1.6	-	630	1000	1200	
	70	1.6	-	630	1100	1200	

8) Depending on vehicle weight

For technical reasons, an increase in the permissible trailer load is not possible.

Vehicles with dual clutch gearbox							
Polo, type AW	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	70	1.0	-	590	1000	1100	50
	85	1.0	-	590	1100	1200	
	110	1.5	-	610	1200	1200	
	147	2.0	-	670	1200	1200	
Diesel en- gine	70	1.6	-	650	1100	1200	

For technical reasons, an increase in the permissible trailer load is not possible.



21 Touareg 2018 ►

Vehicles with automatic gearbox							
Touareg, type CR	Output in kW	Displace- ment/l	Annotations	Trailer load in kg			Drawbar load in kg
				unbraked	Gradient, braked		
					12%	8%	
Petrol en- gine	180	2.0	-	750	2000	2000	140
	183	2.0	-	750	2000	2000	
	185	2.0	-	750	2000	2000	
	250	3.0	-	750	3500	3500	
Diesel en- gine	170	3.0	-	750	3500	3500	
	183	3.0	-	750	3500	3500	
	190	3.0	-	750	3500	3500	
	210	3.0	-	750	3500	3500	
	310	4.0	-	750	3500	3500	

For technical reasons, an increase in the permissible trailer load is not possible.