

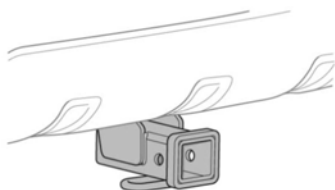
TOWING WEIGHTS

Maximum permissible towing weights	On-road lb (kg)	Off-road lb (kg)
All trailers	3 500 (1 585)	1 650 (750)
Tongue weight	330 (150)	330 (150)

See **284, WEIGHTS**, for details of the Gross Vehicle Weight (GVW), the Gross Train Weight (GTW), the axle weights and the maximum payload.

Note: When calculating the rear axle loading, remember that the trailer tongue weight, the load in the vehicle's loadspace area, the weight on the roof rack and the weight of the rear seat passengers must all be added together. These combined weights must never exceed the GVW or the individual axle maximum loads.

TOW BALL OPTIONS



E176388

Tow hitch tow bar. Also see **94, TOW HITCH**.

TRAILER STABILITY ASSIST (TSA)

When a trailer is attached, TSA will automatically detect when trailer sway is developing. It will then gradually reduce the vehicle's speed, by cutting engine power and applying the brakes to help regain control.

NOTICE

TSA will not operate in the event of the trailer jack-knifing.

NOTICE

The ability of TSA may be reduced when traveling on slippery surfaces.

Note: TSA will not operate when Dynamic Stability Control (DSC) is switched off.

HITCH GUIDANCE

Hitch guidance is a user selectable Touch screen feature that can aid the process of guiding the vehicle to a trailer's tow hitch. Use Hitch guidance while reversing the vehicle to a trailer hitch.

Proceed, as follows:

1. Select Reverse (**R**) gear. Dependent on the vehicle's specification, the Touch screen will automatically display selectable icons or a menu list.
2. Select Hitch assist/Hitch guidance on the Touch screen, to enable the guidance lines to be displayed.
3. Reverse the vehicle towards the trailer.
4. As the vehicle closes to within 2 ft (600 mm) of the trailer's tow hitch, an automated zoom feature is operated to enlarge the view.
5. Continue the maneuver carefully until the vehicle and trailer are as close as required.

TOW ASSIST

Note: Tow assist requires a connected trailer to be fitted with a tracking target sticker, which **must** be attached according to specific instructions. Consult a Retailer/Authorized Repairer for details.



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Note: This feature may not operate with all trailer designs.

Tow assist aids trailer reversing, by displaying guidance lines on the Touch screen.

Tow assist becomes active when a trailer is attached to the vehicle and the trailer's electrical plug is attached to the vehicle's socket.

Note: The driver's door must be opened and closed after the trailer is connected to the electrical socket, before the system will detect the connection.

The screen will display a choice for connection. Select **YES** to move to the setup screen. Select **NO** to return to the previous screen.

Note: If the connection is not detected, setup can be manually prompted by touching the Tow Assist soft key on the Camera menu. See **123, SURROUND CAMERA SYSTEM**.

On first use, the setup screens take the user through a series of configuration options for the connected trailer. Information such as trailer hitch length, number of axles and camera preference, is required to finalize setup. Once completed, the details are stored for future use.

When a new or existing trailer configuration is selected, Tow assist automatically displays on the Touch screen, when reverse gear is selected. Colored lines are displayed to indicate the predicted path of both the trailer and the vehicle.

TRAILER ELECTRICAL CONNECTION

NOTICE

Connect only approved electrical connectors, which are in good condition, to the tow bar's electrical socket. Failure to do so may result in damage, or affect the correct operation of the vehicle's electrical systems.

The vehicle connector provides a 5 amp output which must not be exceeded. An accessory harness kit increasing output to 15 amp is available from a Retailer/Authorized Repairer.

When a trailer's electrical connection is made and the vehicle's turn signals are used, the trailer's warning lamp will flash in time with the turn signals. See **58, TURN SIGNALS (GREEN)**.

ESSENTIAL TOWING CHECKS

WARNING

Do not exceed the Gross Vehicle Weight (GVW), maximum rear axle weight, maximum trailer weight, or tongue weight. Exceeding any of these limits could cause instability and a loss of control.

WARNING

Do not loop the breakaway cable or safety chain over the tow ball, as it may slide off.

- To maintain vehicle stability, the trailer's tongue load should be set at approximately 7% of the trailer's gross weight (and a minimum of 4%).
- When towing a trailer with more than one axle, the trailer should be loaded to achieve even weight distribution between axles.
- When calculating the laden weight of the trailer, remember to include the weight of the trailer, plus the weight of the load.
- If the load can be divided between the vehicle and trailer, loading more weight into the vehicle will generally improve stability. Do not exceed the vehicle's weight limits.
- Increase the rear tire pressures on the towing vehicle to those for maximum vehicle loading conditions.
- Make sure that a suitable breakaway cable, safety chain, or secondary coupling is used. Refer to the trailer manufacturer's instructions for guidance.

- Always connect the breakaway cable or safety chain to the provided connection point. Do not loop it over the tow ball.
- Make sure that the tow ball is secure.
- Check the operation of all the lamps on the trailer.

TOWING A TRAILER

WARNING

Never exceed the maximum weights for either the vehicle, or the trailer. Doing so can cause accelerated wear and damage to the vehicle. It can also adversely affect vehicle stability and braking, which in turn can lead to a loss of control and an increased braking distance, resulting in a rollover or crash.

WARNING

Only fit towing accessories approved by the vehicle manufacturer. These have been designed to help make sure that the handling and stability of the vehicle is not affected, if used correctly, and according to the manufacturer's instructions.

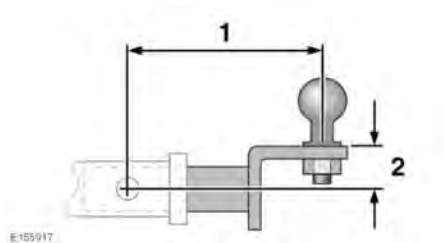
WARNING

Never use towing eyes or lashing points to tow a trailer. They have not been designed for this purpose and doing so may cause them to fail, resulting in injury or death.

Note: A reduction in the performance of the Air conditioning system is a normal function under high load towing conditions.

Note: Engine power output always reduces with increased altitude. At 3 280 feet (1 000 meters) above sea level and for every additional 3 280 feet (1 000 meters), deduct 10% from the Gross Train Weight (GTW). See **91, TOWING WEIGHTS**.

TOW HITCH



The tow hitch tow bar is rated as a Class II. See **91, TOW BALL OPTIONS**.

When a tow hitch is fitted, the following dimensions must be adhered to:

1. The maximum recommended tow hitch length 7 inches (178 mm).
2. To achieve the maximum ball height, a tow hitch with a rise of 1.25 inches (31.75 mm) is recommended.

Consult a Retailer/Authorized Repairer for the latest information.