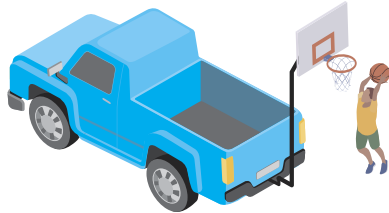


LOAD-CASE ASSESSMENT

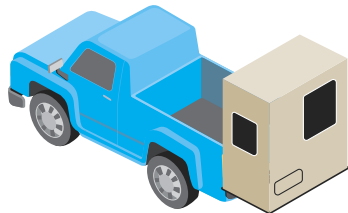


NO – use not permitted



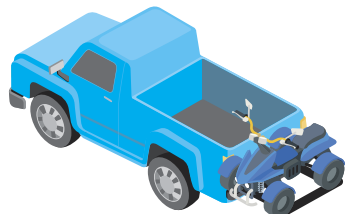
Basketball rack, hoophitch, portable B-Ball or equal

Not to be used while parked nor while driving due to undefined loads.



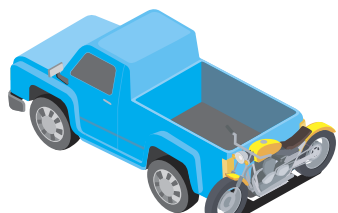
Hitch hotel, cabins, big size boxes

Due to undefined load conditions (wind loads and load distribution).



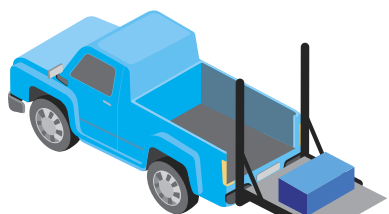
Garden tractor carrier, VersaHaul, ATV carrier or equal

Due to high load.



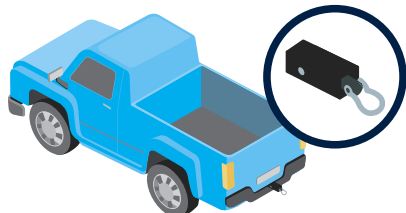
Motor bike carrier or equal

Due to high load.



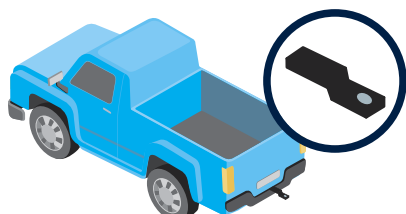
Liftgator, liftgates, radco or equal

Due to high load.



Tow ring, recovery ball mount

Due to excessive peak loads expected during recovery activities.

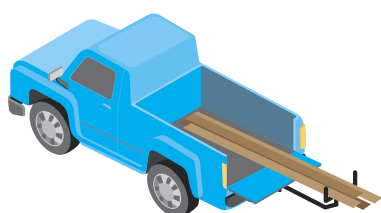


Massive forged class IV ball mounts

In case of a crash these ball-mounts provide a too high stiffness compared to class III ball mounts. These might harm the structure.

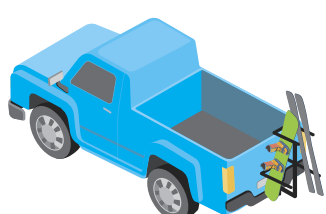


YES – but there is a limitation



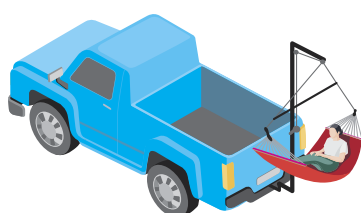
Truck bed extender

Max. 3 feet extension
Strictly limited to max. 50 % load of the allowed tongue load incl. weight of carrier.



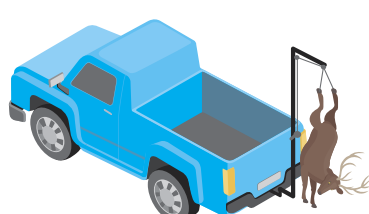
Sports gear carrier (ski, boat support or equal)

Strictly limited to max. 50 % load of the allowed tongue load incl. weight of carrier.



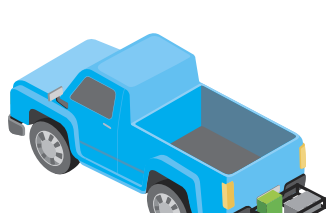
Leisure equipment like bench, pick-nick-table, hamrock, TV-carrier or equal

Static use only (not during driving); limited to max. tongue weight.



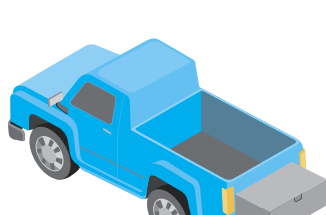
Crane or lifting aid or equal

Strictly limited to max. 50 % load of the allowed tongue load incl. weight of carrier. Static use only (not during driving); limited to half of allowed tongue weight.



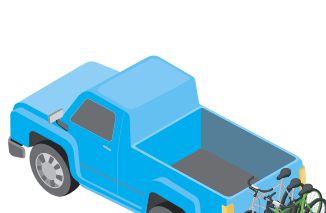
Cargo baskets and cages

Strictly limited to max. 50 % load of the allowed tongue load incl. box weight.



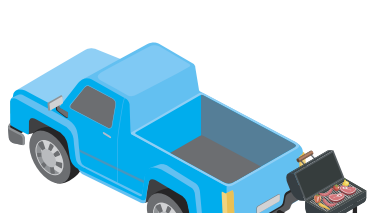
Cargo boxes

Strictly limited to max. 50 % load of the allowed tongue load incl. box weight. It must be secured that the box size is smaller than the rear end of the car (max. 50" wide, max. 25" long, max. 30" high).



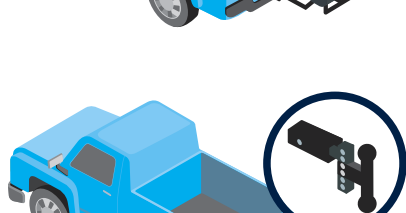
Bike carriers

Please ensure that the heaviest bikes are closest to the car. The load incl. carrier weight has to be strictly limited to 160 lbs / 2 bicycles.



BBQ grill or equal

Strictly limited to max. 50 % load of the allowed tongue load. Please be aware that gas bottles create a severe risk of explosion in case of a rear collision.

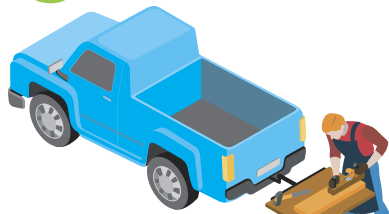


Adjustable ball mounts

The ball position must comply with the defined max. allowed ball position for the individual hitch / car model. These ball mounts may lead to higher damage in case of a crash due to dimension and stiffness.



YES – without limitations



Small utility items like step, vice, etc.

