





LOGISTICS READINESS CENTER WIESBADEN

2025 WINTER DRIVING SAFETY TRAINING

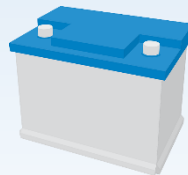




Prepare for winter conditions

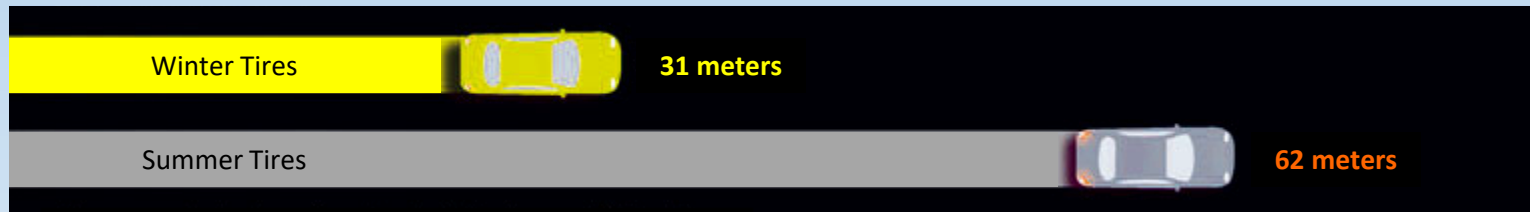
Please ensure that ...

- ➔ ... the wipers are in good condition
- ➔ ... the windshield washer fluid is filled up
- ➔ ... anti-freeze is added to the washer fluid
- ➔ ... anti-freeze is added to the cooling fluid
- ➔ ... your battery is in good condition
- ➔ ... you use the proper engine oil
- ➔ ... you use winter tires or all season tires



Summer tires vs. winter tires

Snow, 50 km/h (31 mph)



Ice, 30 km/h (19 mph)





Influence of tread depth

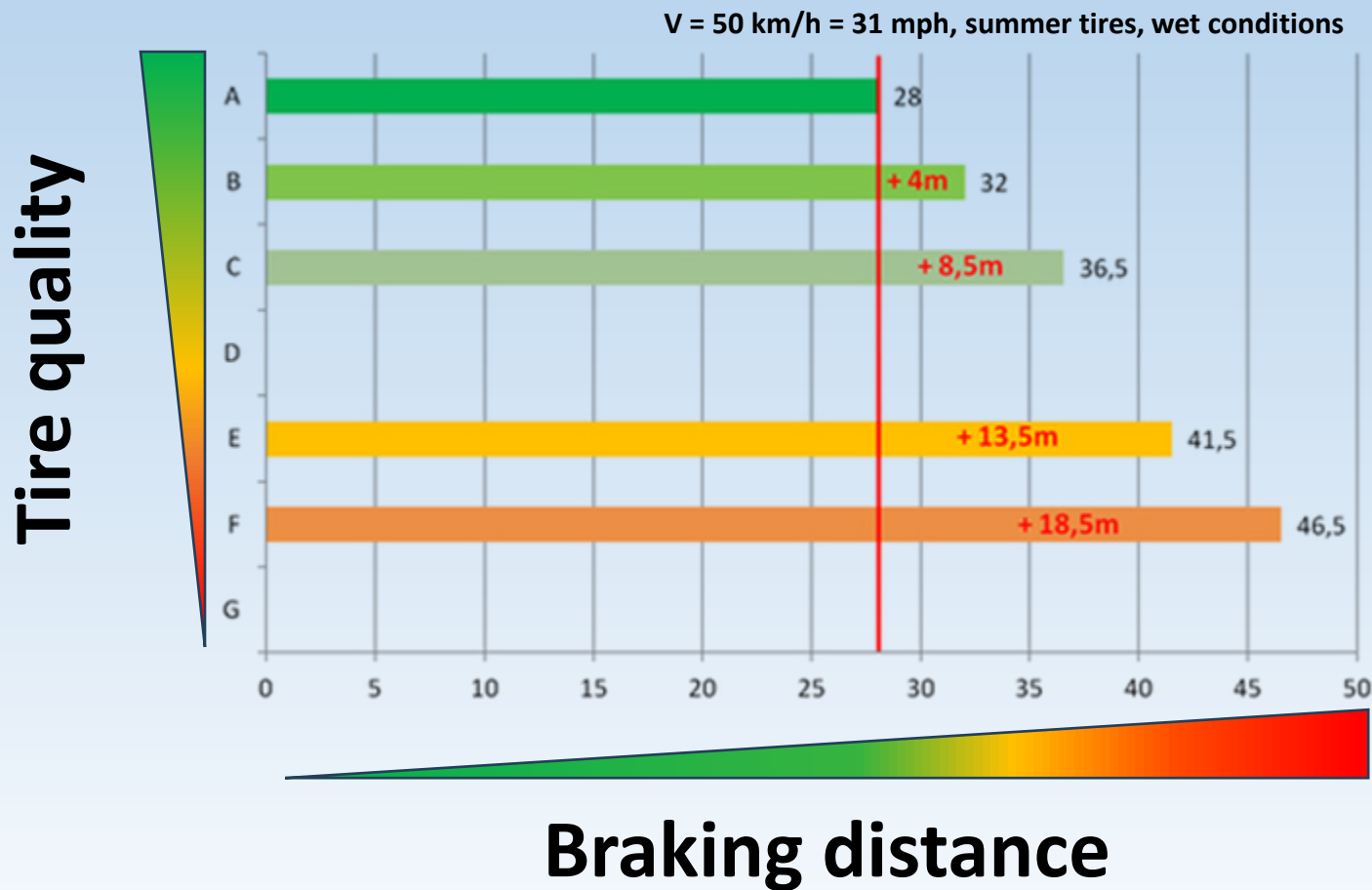
Braking distances on winter tires with decreasing tread depth

$V = 50 \text{ km/h} = 31 \text{ mph}$

Profile depth: 8 mm



Tire quality vs. braking distance





Supplementary information:

- ➔ **All-season tires are just a compromise!**
- ➔ In summer conditions, they are worse than summer tires but better than winter tires.
- ➔ In winter conditions they are worse than winter tires but better than summer tires





Prepare for wintry events

- ➔ **Any vehicle should be equipped with**
 - ➔ **Snow brush**
 - ➔ **ice scraper or de-icing spray**
 - ➔ **Traction aid: a sack of sand, road salt or kitty litter**

Door lock deicer's belong in your jacket pocket!
Not in the car!





Find the mistakes...





Prepare for wintry events

- ➔ **Do what the mission requires**
 - ➔ Sweep all snow of the vehicle
 - ➔ De-ice all windows and mirrors
 - ➔ Clean all lights
 - ➔ De-fog all windows and the interior mirror

Just between you and me: Leaving the engine running during this time is an offense and can result in a fine.





Recreational vacation

- ➔ If you are planning a relaxing vacation in the mountains, you should have the following with you:
 - ➔ Small shovel or folding spade
 - ➔ Snow chains (depending on where you go)

- ➔ Traffic rules vary from country to country!
Please familiarize yourself in advance with the traffic regulations of your destination and transit country.



Snow chains

**Snow chains are mandatory
from this sign onwards!**



**You are not allowed to drive
faster than 50 km/h (31 mph)
with snow chains mounted!**





Winter hazard awareness

➔ Be aware if:

- ➔ Temperatures $\leq 4\text{ }^{\circ}\text{C}$ ($\leq 40\text{ }^{\circ}\text{F}$)
- ➔ Falling precipitation
- ➔ Ice or snow sticking to your vehicle
- ➔ Ice or snow sticking to elevated objects
- ➔ Oncoming traffic has fog lights on
- ➔ Ice breaking / snow breaking





Winter driving techniques

- Accelerate slowly
- Drive at an appropriate speed
- Keep three times the “normal” safety distance (min.6 sec.)
- Brake early
- Give turn signals sooner than usual
- Approach bridges, shaded spots, and turns slowly
- Switch on your low beam in good time
- Do not use cruise control





Visibility

➔ To see:

- ➔ Keep you lights clean and functional
- ➔ Turn on the low beam in good time
- ➔ Keep your windows clean
- ➔ Remove the snow completely from the car





Visibility

➔ To be seen

- ➔ Keep you lights clean
- ➔ Turn on the low beam in good time
- ➔ Wear a high-visibility in the event of an accident, breakdown or assistance
- ➔ As a pedestrian or cyclist, wear signal-colored, reflective clothing (e.g. a high-visibility vest)





“A German Thing”

- ➔ In Oktober the “Lichtwochen” take place
 - ➔ The lighting will checked and adjusted (for free)
 - ➔ Defective light bulbs are replaced on site (charge)
 - ➔ Almost every car workshop and all TÜV- and DEKRA-Stations take part.



“Lichtwochen”

- ➔ The shown sticker will be attached to your windshield (if you agree)
- ➔ The police wave you through during lighting checks





General winter safety

➔ Slips, trips and falls...

- ➔ ... can happen anytime and anywhere
- ➔ ... can cause a wide variety of injuries
- ➔ ... are mostly caused by ...
 - ➔ ... personal behavior and condition
 - ➔ ... environmental effects
 - ➔ ... clothing
 - ➔ ... and combinations of these points





General winter safety

➔ How to avert slips, trips and falls?

- ➔ Avoid stress, hectic, tiredness, distraction, carelessness, laziness
- ➔ Alcohol, drugs
- ➔ Medication
- ➔ Wrong clothing
- ➔ Minimize risks





Staying outdoors

- ➔ **Proper clothing is the trick**
 - ➔ **Layered clothing**
 - ➔ **1st layer: fresh and dry**
 - ➔ **2nd layer: Active insulation**
 - ➔ **3rd layer: Weather protection**
 - ➔ **Footwear**
 - ➔ **Additional clothing**





Think safe!
Act safe!
Drive safe!
Be Safe!

