

drive cool
save fuel

Learning modern car driving.

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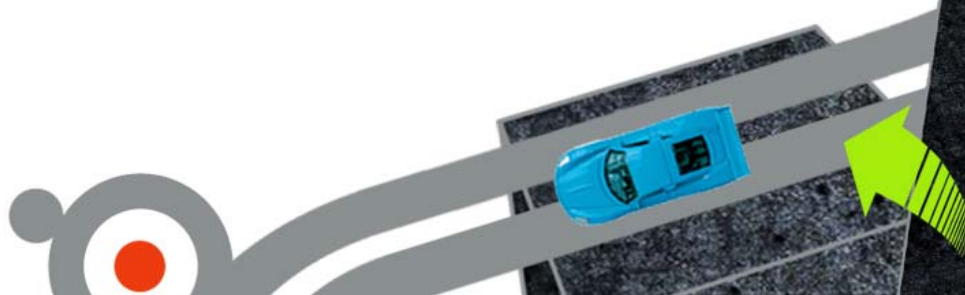


01 Rotation speeds

Changing gear and driving at low rotation speeds

- **Always in the highest possible gear**
- **Selection of the next higher gear above 2000 - 2500 rpm**
- **Driving uniformly at approx. 2000 rpm and below**

Applies also for cars with automatic transmission



01 *Rotation speeds*

- **1st Gear** **Startup**
- **2nd Gear** **after one vehicle length**
- **3rd Gear** **at 30 km/h**
- **4th Gear** **at 40 km/h**
- **5th Gear** **at 50 km/h**
- **6th Gear** **possible above 50 km/h**



01 Rotation speeds

Consumption of an average-sized car driving at a constant speed of 50 km/h in different gears



The consumption for 6th gear has not yet been determined.

01 Rotation speeds

A vehicle at 4000 rpm is as loud as ...?

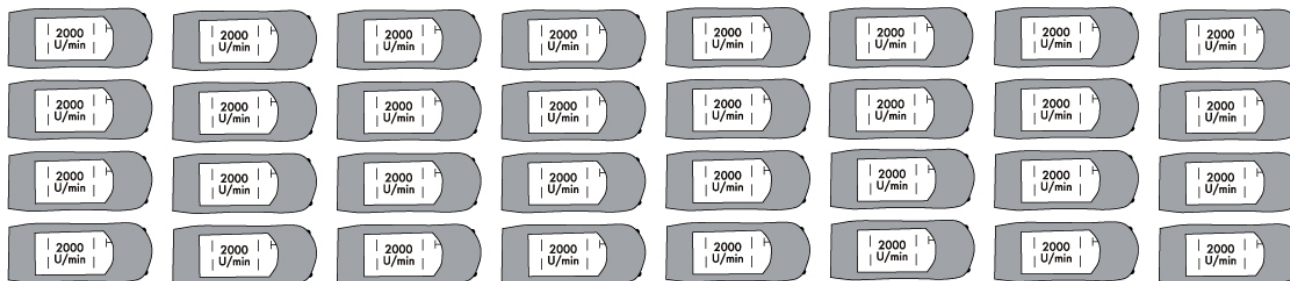
01 Rotation speeds

A vehicle at 4000 rpm is as loud as

32 vehicles at 2000 rpm



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02 Momentum and energy

Utilizing momentum and exploiting energy

Never on slopes if momentum is built up as a result!

02 Momentum and energy

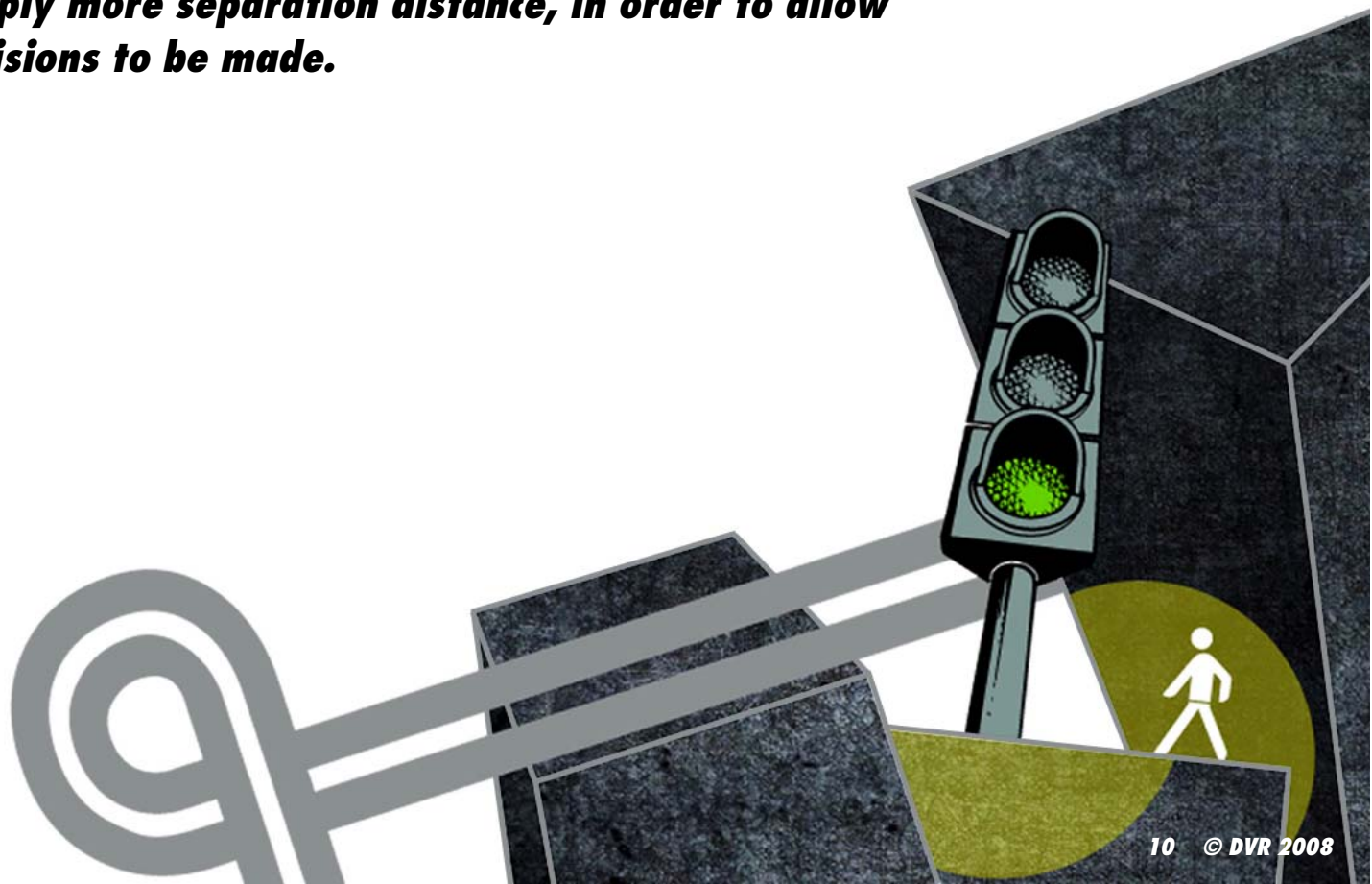
Utilizing momentum and exploiting energy

- **Before crossings and branch roads**
- **Before traffic lights**
- **At STOP signs**
- **At "Yield" signs**
- **In stop and go traffic**

03 Useful tips

***Providing freedom for decisions –
extend separation distance to car in front***

***Simply more separation distance, in order to allow
decisions to be made.***



03 Useful tips

- ***Drive calmly and with foresight!***
- ***Switch off engine if it is appropriate!***
- ***Remove ballast!***
- ***Ensure correct tire air pressure!***
- ***Switch off high-energy-consumption loads!***
- ***Check vehicle technology!***
- ***Use other means of transport sometimes!***

***A lot of fun in applying the tips of
"Drive cool - Save fuel"!***

Film "Mother – Daughter"



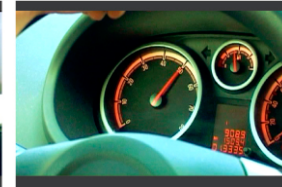
Film "Parents Visit"



Film "Disco Stag"



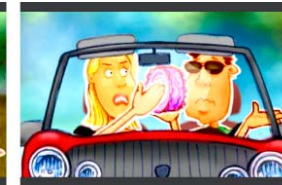
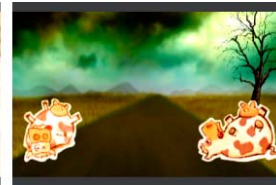
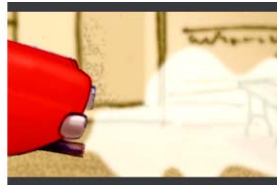
Film "Science"



Film "Dating show"



Film "Picnic"



"Cinema commercial"

