# Drive the 5

- **D** istraction free
- **R** ested and alert
- I mpairment free
- V ehicle maintained
- E nvironment aware

#### Learn more at MyNSightOnline.com/DriveThe5

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# Navigating mountain roads safely

Recognizing these key safety tips means mountain driving becomes a manageable adventure. Stay safe out there!



## 1 Know the grade of the hill:

- Road grade impacts vehicle performance and safety.
- Look for posted grade signs. For example, 5% grade means for every 100 feet you travel forward, you drop 5 feet in elevation.

#### **2** Avoid engine overheat:

- Before your trip, inspect coolant levels, fan blades, and radiator.
- Turn off the A/C to reduce engine load.
- Manually engage the engine fan.
- Pull over if overheating occurs.

### 3 Downhill driving:

- Use the correct gear for the percent downgrade.
- Allow your engine to help control your speed.
- If available, use the engine retarder.
- Be aware of runoff ramps on your route and how to use them.

#### **4** Do not ride the brakes:

• Try "snub braking": briefly apply brakes to reduce speed by 5 mph, then let them cool before reapplying.

#### 5 Use hazard lights:

Activate hazard lights when navigating challenging steep roads.

For further guidance, refer to Colorado DOT Freight Mobility & Safety Branch The Mountain Rules (freight.colorado.gov/mountain-rules/mountain-rules).