







# ***MINDFULNESS NOTIFIER***

## **Most drivers need to be mindful of the following**

- Yawning
- Inability to keep eyes open
- Talking incoherently or inability to respond to questions from assisting team co-drivers
- “Nodding off” and trouble keeping your head up
- Inability to remember driving the last few laps/kilometers
- Ending up too close to nearby cars
- Missing route/road system/road signs or guided turns
- Drifting into other lanes or onto rumble strips
- Inability to visualize traffic or interpret traffic signs from the line of sight distance
- Inability to visualize traffic due to blinding light sensitivity from the line of sight distance

# ***MINDFULNESS NOTIFIER***

As possible, deliberate within your organization/institution/  
department/team that accidents can occur because of things like

1. decreased focus and attention (often brought on by obsession with depressing or unsettling thoughts);
2. anxiety, which frequently coexists with depression; irritability, agitation, or degeneration or afflicted retardation;
3. exhaustion from restless nights; and
4. weakness from inadequate food intake.
5. Furthermore, depressed individuals may take chances without thinking through the repercussions, attempt or make suicide gestures, and use alcohol or other substances that impair functioning as a coping mechanism for their suffering



# ***MINDFULNESS NOTIFIER***

## **Most drivers need to be mindful of the following**

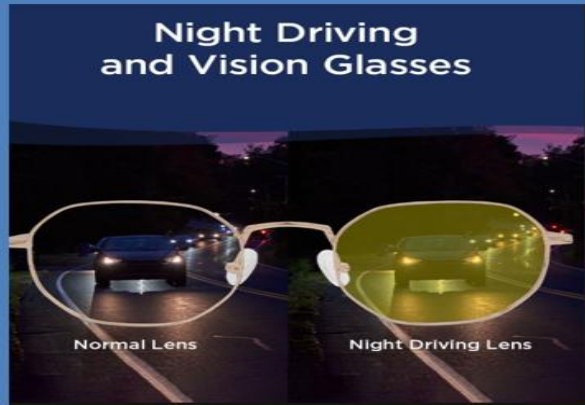
Most common reasons for night driving becoming an issue:

1. Cataracts - Cataracts scatter light inside the eye, causing glare, halos, and blurry vision.
2. Retinal Issues - Conditions like macular degeneration or diabetic retinopathy make it harder to see contrast and fine details in low light.
3. Dry Eyes - When your eyes are dry, light scatters across your cornea, making glare more intense and recovery from headlights slower.
4. Outdated Prescription - Even a small change in your prescription can make night driving noticeably harder — especially when paired with aging eyes.
5. Undetected degenerative conditions like glaucoma

# ***MINDFULNESS NOTIFIER***

**Most drivers need to be mindful of the following**

## **ROAD SAFETY AND EYE WEAR FOR A DRIVER**



**Glasses with anti-reflective coatings or polarized lenses.**



**Yellow-Tinted Night Glasses**

# ***MINDFULNESS NOTIFIER***

Most drivers need to be mindful of the following



Glare



Simulated

ROAD SAFETY AND  
CONCERNING  
CONDITIONS FOR A  
DRIVER

# ***MINDFULNESS NOTIFIER***

**Most drivers need to be mindful of the following**

## CONDITIONS TO BE CONSIDERED FOR SAFE COMMUTING BY ROAD

### Driving in dusty road conditions

Driving in road systems degraded by salt/corrosive toxins/ emissions

Driving in the condition of inflowing dust/sand/ water

Driving in hilly or mountainous areas

Towing related driving conditions

Driving in afflicted conditions (like low fuel or undue contingency or contaminated fuel, degraded parts, poor or damaged head lights, ...)

Driving in frequent stop and start conditions or brake affected conditions

Driving in sunroof affected conditions

### Driving in dealer-network-affected conditions

Driving in Emergency Services affected conditions

Driving in out-of-network-coverage conditions

Driving in reverse gear specifically conditions

Driving in journey parameter affected conditions

Driving in non-showcased conditions

**Road Safety Assist enabled Data Solutions**

# ***MINDFULNESS NOTIFIER***

**Most drivers need to be mindful of the following**

## CONDITIONS TO BE CONSIDERED FOR HILL DRIVING CHARACTERISTICS

### **Strategically mapped conditions**

Severely affected conditions  
Less dynamic conditions  
Associated hill or mountainous areas  
Storm afflicted conditions  
Contingency Solution lacking conditions  
Frequently affected or dynamic conditions  
Vehicle safety affected conditions

### **Adversely affected conditions**

Communication network-affected conditions  
Supply or Emergency Services affected condition  
Affected dealer network-coverage conditions  
Unknown Hill or Road System zoning of conditions  
Trip or journey parameter affected conditions  
Not strategically showcased conditions  
Other Safety Continuum conditions

**UAV enabled Perspective Imagery Data Solutions**

# MINDFULNESS NOTIFIER

Most drivers need to be mindful of the following

## ROAD SAFETY AND CONCERNING WINDSHIELD RISKS FOR A DRIVER



### Windshield Wiper Failure

- When windshield wipers stop suddenly during rain or snow, the motorist should slow down, pull to a safe area off the roadway and turn on emergency flashers.

### Repair or Replace?

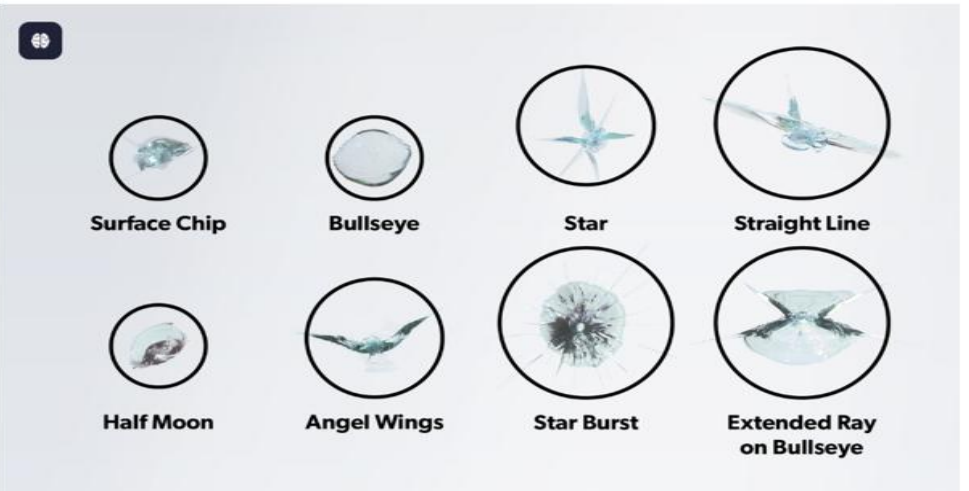
Passenger Car With Two Windscreen Wipers



# ***MINDFULNESS NOTIFIER***

Most drivers need to be mindful of the following

ROAD SAFETY AND CONCERNING  
WINDSHIELD RISKS FOR A DRIVER



# ***MINDFULNESS NOTIFIER***

**Most drivers need to be mindful of the following**

## **Common types of windshield failures**

- **Impact cracks** – rock chips, debris, hail. Often start small and spread.
- **Stress cracks** – no impact; caused by temperature swings or body flex.
- **Edge cracks** – begin near the border due to improper installation or frame stress.
- **Delamination** – the laminated layers separate, causing hazy or milky areas.
- **Pitting / abrasion** – sand and dust wear down visibility over time.
- **Shattering** (rare in modern cars) – usually linked to manufacturing defects or severe impact.

# ***MINDFULNESS NOTIFIER***

**Most drivers need to be mindful of the following**

## **Warning signs**

- Chips larger than a coin
- Cracks reaching the edge
- Distortion or waviness in your field of view
- Whistling or water leaks (installation issue)

## **Prevention tips**

- Repair chips early (cheap + effective)
- Avoid extreme temp changes
- Keep distance from gravel trucks
- Replace worn wiper blades
- Use OEM-quality glass and certified installers

