

## ■ SAFETY CHECKS:

For your safety, please this important information:

- Always ensure the installers are professionals who meet the qualifying criteria and agree to maintain a high level of specific quality standards.
- After windshield replacements, always check for fragments of glass. Although great care might be taken during the job, it can not be guaranteed that every fragment has been removed.

Please take care to:

- point the fans and heating units away from you when you switch them on.
- Keep an eye out for glass when you are cleaning the car from the inside.

- In case of recent replacement of the windshield, ensure that it is fitted with the correct adhesive, allowing it to retain the stiffness and safety feature initially designed for the car.
- Prevent scratching your windshield by replacing wiper blades at the first sign of wear. Never run them over dry glass, because worn wipers can damage the glass and impair vision.
- Never wash windshields prior to repair. The temperature fluctuations during car wash could increase the damage to the windshield.

# SAFETY

## And The Role of Windshields



### SAVE DRIVE AWAY INSTRUCTIONS

- a) Limited driving for the first 24 hours from the time of delivery.
- b) Avoid car wash for the first 24 hours from the time of delivery.
- c) It is recommended to keep a window slightly open while closing doors for the first 24 hours from the time of delivery.



Corporate Office:

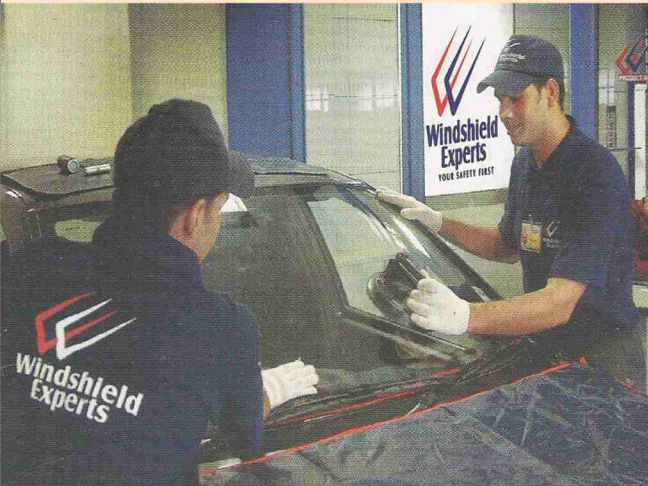
Second Floor, SCO-23, Sector-14, Gurgaon - 122 001

📞 1800-102-6364



## ■ AS PER THE INDIAN LAW - CENTRAL MOTOR VEHICLES RULES.

- The glass of the front windshield of every motor vehicle manufactured after three years form the coming into force of the Central Motor Vehicle (Amendment) Rules, 1993 shall be made of laminated safety glass.
- Before 1996, most cars had a screen made form toughened safety glass which, like side and rear windows, explodes on impact into thousands of tiny fragments.
- The glass of the front windshield and rear window of every motor vehicle shall be maintained in such a condition that the visual transmission of light is not less than 70%. The glass used for side windows shall be maintained in such condition that the visual transmission of light is not less than 50% and should conform to Indian standards.
- Windshield wiper - An efficient power operated windshield wiper shall be fitted to every motor vehicle having a windshield.



## ■ WHAT IS LAMINATED WINDSHIELD?

A laminated windshield consists of two sheets of glass held together by an intervening layer of plastic material (Polyvinyl Buntyrat). A laminated windshield cracks and breaks under sufficient impact but the pieces of the glass tend to adhere to the plastic material and do not fly, and if a hole is produced, the edges would be less jagged than in the case of an ordinary glass.

## ■ ADVANTAGES

- laminated glass does not shatter on impact.
- Localized breakage at the point of impact, thus not hampering visibility.
- High resistance to penetration, thus ensuring safety.
- In case of head on impact during accidents, the injury is minimized due to flexibility of the windshield.
- Laminated windshields do not break spontaneously unlike a tempered Windshield. Thus, the chances of accidents are eliminated as sudden breakages do not occur.
- Laminated windshield can be repaired by windshield Experts.

## ■ FUNCTIONS OF A WINDSHIELD

- Keeps the wind and other airborne debris out of your face.
- Preserves the structural integrity of the passenger compartment by supporting the roof.
- In the event of an accident, prevents you from being ejected from the vehicle.
- Acts as a deflator for passenger air bags.
- Acts as a sound insulator by keeping your car quieter from the inside.
- Act as a roll bar should your vehicle rollover.

## ■ HOW IS GLASS FITTED?

Most modern vehicle have fixed vehicle have fixed vehicle glass, that is windshields, back glass and sometimes side glasses that are 'glued' or bonded onto the vehicle body. This process is called direct glazing, and forms a direct structural part of the vehicle body.

In order to retain all the safety features and all the multi-functional roles played by glass and adhesives in modern vehicle, it is essential that personnel adequately trained carry out installation.

Future developments in the glass industry will require higher technology adhesives and systems to be employed in glass replacement. Ensure your vehicle in being treated correctly by using a specialized company to replace your automotive glass.

## ■ DANGERS OF NON LAMINATED & POORLY FITTED WINDSHIELD

Non laminated and poorly fitted windshield on impact, shatter into lethal fragments that can cause serious injury. Poorly fitted windshield also compromise the structural strength of the vehicle, thus hampering the safety of its occupants. If a damaged windshield is not replace properly, there are chances of it getting dislodged from the vehicle during rollover and thus roof-crush resistance may be compromised.

## ■ WHY CHOOSE WINDSHIELD EXPERTS?

Windshield Experts is India's first and the only specialist in automotive glass repair & replacement service trained to Automotive Glazing Europe (AGE) standards. By choosing Windshield Experts to carry out your vehicle glass replacement you will ensure that he installation complies with all safety standards.

### This includes:

- Correct installation with manufacturer approved materials.
- Fully trained installers, who will return your vehicle to its original state.
- Correct and safe drive - away times being quoted.



## ■ WHAT IS WINDSHIELD REPAIR?

Windshield repair is a process that combines modern technology and skill to fill a damage areas on a windshield with special clear adhesive resin that has the same optical properties like glass.

The process involves injecting resin into the damaged area and expelling the air from the lamination, the result is virtually undetectable. The resin is cured using ultra-violet light and the repaired area is cleaned and polished. All Windshield Experts technicians have been trained to repair windshields and all our vans carry a repair kit.

Most insurance companies recognise windshield repair as a significant tool for saving policy holders their No Claim Bonus (NCB).

## ■ WHY DOES REPAIRING WINDSHIELDS MAKE MORE SENSE?

- Economical : repairs save money by preventing the need for costly replacement jobs. Also helps you save your No Claim Bonus (NCB).
- Convenient: windshield repairs usually take a few minutes.
- Safer : as the glass is never removed, the original seal is maintained during repairs.