



Cell Phone Exploded Inside Car

BEWARE!

**MOBILE PHONE COULD
EXPLODE UNDER
EXTREME HOT
ENVIRONMENT!**

**SOME LESSONS ARE BEST
LEARNED BY EXPERIENCE!**

An incident of a mobile phone explosion inside a vehicle cabin was reported in Saudi Arabia lately.

Incident Background

Mobile phone units were left inside the car compartment while the vehicle was parked in an open area. One of the phones had its power "on". It was close to midday. Reportedly after an hour in the park, one of the mobile phones exploded.

What Went Wrong?

Obviously the mobile phone's battery is the only component as the legitimate source of stored energy.

The solar heat obviously pressurized the car's closed cabin. What triggers the explosion could be the overheated battery caused by extremely high temperature magnified by the windshield (glass) and the sealed (unventilated) vehicle cabin.

Lessons Learned

Better not to leave mobile phones in car compartment especially when the vehicle is exposed to direct sunlight for a prolonged period.

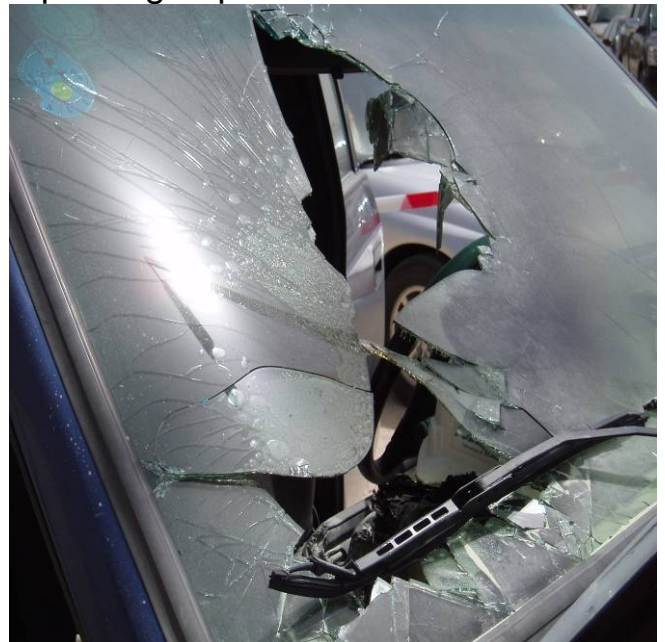


Figure 1&2: Shattered car windshield as a result of the explosion



WE CARE

हमें परवाह है
हम حفاظت کرنا





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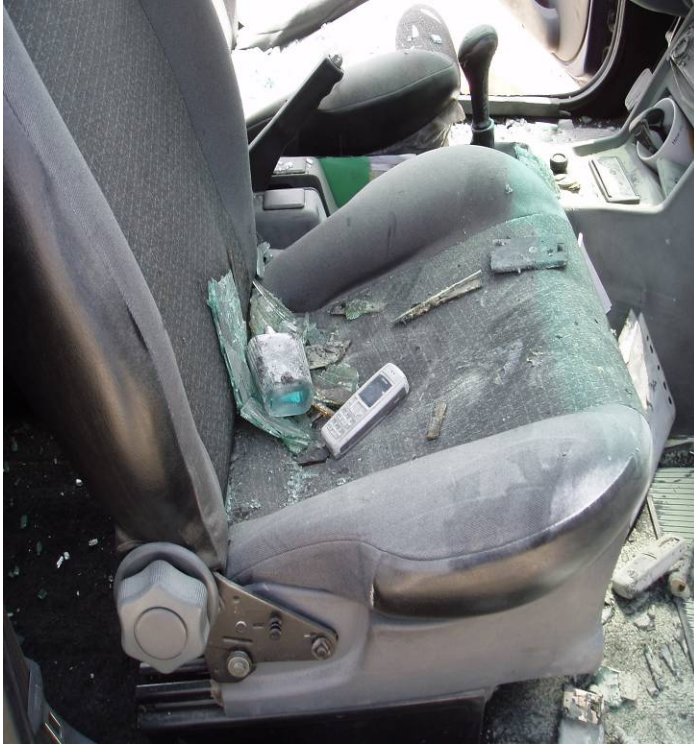


Figure 3: Effects of the explosion

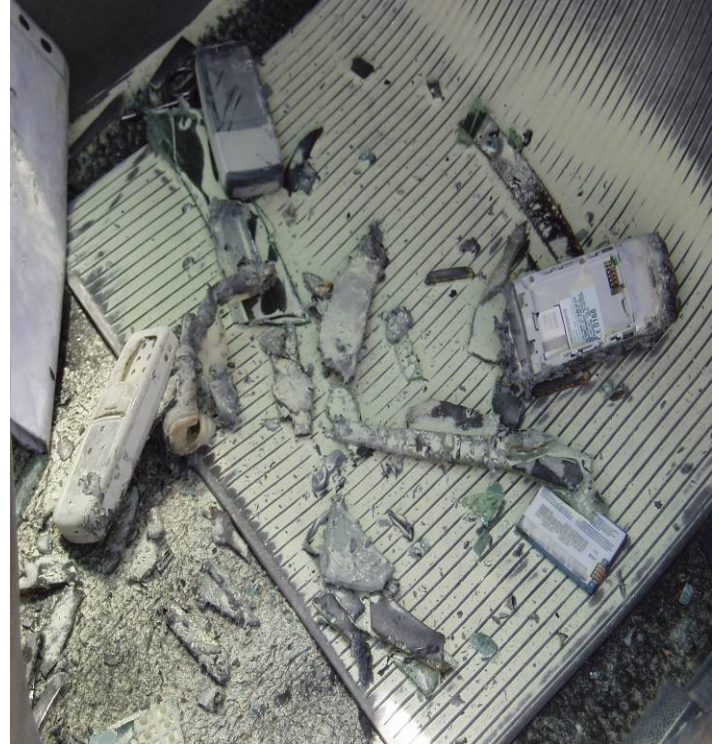


Figure 2: Remains of phone gadget



Figure 5: Evidence of rupture and heavy melting due to intense temperature as a consequence of the explosion



Figure 6: Car compartment damages and mobile phone units were destroyed beyond repair.

Picture Courtesy of: A PSSE Member In KSA