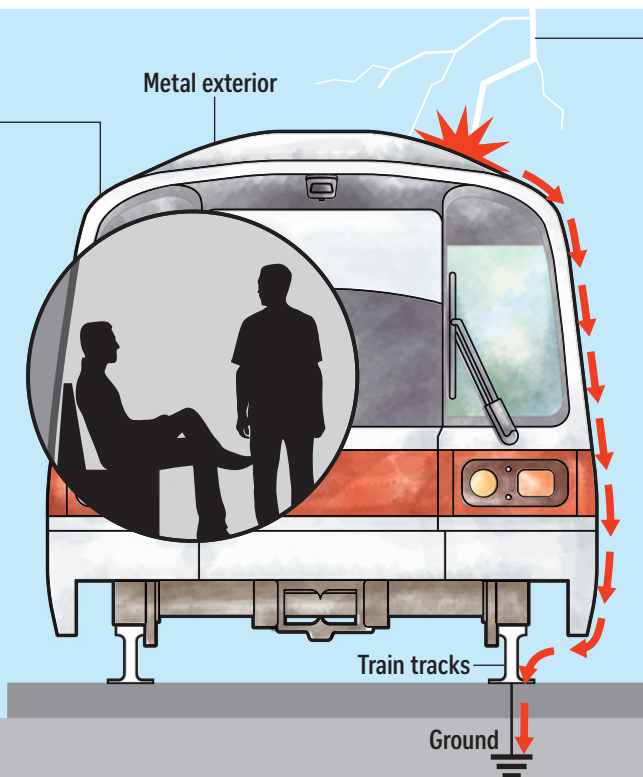


# When lightning strikes

## Faraday Cage

The metal shell of the train forms something known as a "Faraday Cage", which blocks electric fields and currents and keeps passengers safe from lightning strikes.



## Lightning

If lightning strikes, the cage conducts electric current through the exterior shell of the train, not through the cabin, and it passes through the wheels to the track. The train is grounded to the track.