*Ergonomics­* - Posture, Reach, and Comfort

Ergonomics is the study of the relationship, in our case, between the driver and the Vehicle.



Posture:

* Seated posture for long commutes.
* Lumbar Support for seated comfort.

Reach

* Control of Vehicle.
* Quick response to roadway conditions.

Comfort

* Comfort is the combination of the above parameters.
* Driver attentiveness because of comfort is crucial to ensure roadway safety.

*Adjustability* – Individualize Driver Comfort

Most important areas that should be able to adjust are based upon the angles of the seated posture. Knowing where the critical angles are will allow you to decide on what functions should be adjustable.

* Allowing for the seat to move closer or further from the pedals affects the Knee Angle (C).
* Allowing for the back rest to angle closer or further from the wheel affects the Back Angle (A).
* Allowing for both of these to adjust will coincidentally affect the Thigh Angle (B).