



Air Motion Technology









AirLumba ToGo®

Adaptive Back Support with Air Motion Technology エアー・モーション・テクノロジーによる背中のサポート

Patented Technology











AIRLUMBA





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AIRLUMBA OFFICIAL

AirLumba ToGo

is an innovative back support for better back health while sitting in a car. Suddenly an ordinary car seat becomes a seat customized for the individual's back contour, filling the gap between the back and the seat. It helps maintain the natural "S-curve" of spine. The air inside AirLumba ToGo adapts to fit body's every movement of leaning forward or backward when deceleration or acceleration, promoting dynamic body-weight sharing between spine and muscles. A ride becomes more comfortable with AirLumba ToGo.

Design Story

A better car seat is the one that fits each individual's back contour. Since ordinary car seats cannot fit everyone's contour, AirLumba ToGo is developed to better support the back, filling the gap between the back and the seat. With Air-Motion Technology, it allows for dynamic body weight sharing between spine and muscles through continuous motions. Designed specially for use with car seat, AirLumba ToGo makes every ride more comfortable

Creativity / Originality

AirLumba ToGo presents innovative ideas for comfortable sitting. An ergonomic chair alone is not enough. Movement while seated is also necessary. With dynamic seating concept, AirLumba ToGo makes both ergonomic sitting posture and gentle posture change while sitting in a car possible. The air inside AirLumba ToGo adapts to fit individual's back contour by filling the gap between back and car seat. The air also encourages gentle posture change, allowing dynamic body- weight sharing between spine and muscles. AirLumba ToGo is also designed for safety. It is attached firmly to the car seat and has no solid parts. Air Lumba ToGo brings better and more comfortable sitting.

Socail & Environmental Impacts

AirLumba ToGo is made from durable, high quality. material with hire-retardant property in a quality controlled manufacture process certified with ISO9001 / TS16949, ISO14001 and expected to complete ISO13485 at the end of year 2016.

The manufacturing process is Level 3 certified in Green Industry Project by the Ministry of Industry and GIZ (Gesellschaft für Internationale Zusammenarbeit).

User Impacts

A better car seat is the one that fits each individual's back contour. Since ordinary car seats cannot fit everyone's contour, AirLumba ToGo is developed to better support the back, filling the gap between the back and the seat. With Air-Motion Technology, it allows for dynamic body weight sharing between spine and muscles through continuous motions. Designed specially for use with car seat, AirLumba ToGo makes every ride more comfortable.

AirLumba ToGo revolutionizes understanding that sitting in a comfortable-looking seat might not always be good to the back, especially sitting for a long period in a car without adequate posture change. Users of AirLumba ToGo can feel the new comfort while sitting in cars, and apply this sitting concept wherever they sit.



Healty Driving Lifestyle

Re-Correct your posture. Healthy S-shape curve.

Relax your muscle. Fulfill the gap along every move. Reduce pressure load on spine. Proper spine movement.



Tightly insert lower-end cloth between seat back and seat cushion