

SORBRES Air Suspension

SORBRES 空气悬架

Giving your pride and joy the smooth ride it deserves

爱车无惧颠簸

Stable, durable, reliable

稳定耐用放心

Tesla MODEL3 special module

特斯拉 MODEL 3 专用模组



Built for comfort

为舒适而生

SORBERS Air Suspension

SORBERS 空气悬架

City driving mode effectively enhances inner-city driving comfort

精致城市行走利器，有效提升舒适感



Low lying mode

低趴模式



Comfort mode

舒适模式



Standard mode

标准模式



Sports mode

运动模式



Out of tire mode

脱困模式



Human-device interaction

人机交互

SORBERS Air Suspension

SORBERS 空气悬架

Tesla MODEL3 Air Suspension

MODEL 3 空气悬架

Introducing SOBERS Air Suspension, the most advanced system that can automatically adjust your car's body height and damping capacity. When you're driving, you want to be comfortable and safe. But sometimes it's hard to find a balance between those two things. With SOBERS Air Suspension, you don't have to worry about it anymore! The system continuously adjusts the damping capacity of your suspension shock absorbers based on factors such as acceleration, wheel height, and wheel speed. This allows it to keep your car at an optimal level for a comfortable and safe driving experience.

SORBERS 空气悬架根据主要的驾驶条件持续不断地调节悬挂减震器的减震特性和车身高度。该系统通过接收车子的加速度、车轮的高度、车轮的转速等信号来计算车身运行的状态，从而将汽车的减震特性和车身高度控制在适当的水平，以达到舒适、安全的驾乘体验。



Air Suspension System

空气悬架系统

Comfortable driving and enhanced handling 舒适驾驶，增强操控性

The SOBERS damping package is the ultimate in performance and comfort. With its high and low settings, this suspension system can adapt to any situation: whether you're driving on the track or just cruising down your local roads. The soft setting creates a smooth ride that lets you enjoy every minute of your drive, while the hard setting gives you extra control over every turn and corner. It's also highly adjustable—you can set it up to match your exact driving style and preferences. In addition, it comes with a mobile application that you don't have to get out of the car when making adjustments.

高低软硬全兼顾，具有高强适应性的减震套装；既能匹配赛道操控性能要求，又能满足日常跑街。



Built for comfort

为舒适而生

Variable Air Suspension Modes

空气悬架多种模式

Air Suspension System for improved ride comfort and vehicle clearance

空气悬架系统，提高乘坐舒适性/通过性

Low lying mode

低趴模式



The Air Suspension is lowered to the lowest level, but don't worry you can switch it back when you want to raise your car up with ease. It automatically exits the low-lying mode and raises the body height to the comfort mode, so everyone can get in and out of the car in style and safety.

空气悬架降到最低。开动车辆后，自动退出低趴模式，车身高度升高到舒适模式。此模式不仅让停车姿态更具有流性更年轻化，而且方便老人小孩上下车，或者后备箱取放行李。

Out-of-tire mode

脱困模式



When you're driving down the country, or just across town, it's important to have a car that can handle all kinds of terrain. With the Out of tire Mode, you can drive over street curbs (140MM) and other obstacles with ease. The chassis height is set to its highest point (180 MM), so you'll always stay high and dry. And when you're ready for some off-roading through unpaved mountain roads, the air suspension will get you there safely—and with plenty of clearance.

底盘高度最高，软硬度起始数值最硬，离地间隙远大于无空气悬架的原车高度（一般 180MM 左右），对于城市道路常见的马路牙子（140MM）的高度来说。或者是乡间非铺装路面，通过性大大提升，翻山越岭郊游的好帮手。



When you're driving in comfort mode, your car is designed to feel as if it's floating on air. The chassis height, air suspension and shock absorbers are all centred. The lower margin makes for a smoother ride when you're driving over uneven terrain. This really is the ultimate driving pleasure.

底盘高度居中，软硬度起始数值最软。在舒适模式和经济模式下，底盘处于此高度；此时空气悬架高度居中，减震器上下行程居中，余量更大，在不平整路面时，舒适性更好。



When you're looking to take your car's performance to the next level, it's important to consider all the factors that could impact your performance.

Sports mode uses air suspension technology to lower your car's centre of gravity. That means when you're using sports mode, Chassis height is adjusted to low, and the suspension becomes stiffer allowing for better cornering ability and more stability. Meanwhile, the overall body is lowered which can reduce wind resistance and become more energy efficient.

底盘高度调整到最低，软硬度起始数值偏硬，重心更低更平稳。此时由于空气悬架刚度变大，支撑性更好；高度降低，重心更低，稳定性升高，如高速过弯能力提升，弯道更稳；同时整体车身降低，能够降低风阻，更节能。

Air Suspension System

空气悬架系统

Wheel suspension variable control

车轮避震软硬度控制

Our shock absorbers use the wheel speed sensor and acceleration sensor to adjust the softness and hardness of each individual shock absorber, meaning that your vehicle can be driven smoothly and comfortably under a wide range of driving conditions including acceleration, deceleration, and sharp turns around corners.

通过加速度传感器和以及轮速传感器对避震软硬度进行调节，可以使车辆在各种行驶条件下（加速、减速、急转弯）都能保持平稳舒适的驾车状态。



When driving at high speeds, the shock resistance of the 4 wheels hardens, which improves the stability of the vehicle.

汽车高速行驶时，4个车轮的避震阻力变硬，以提高汽车行驶的稳定性和操控性。



When the car turns, the resistance of the outer wheel shock stiffens, preventing roll due to the centrifugal force of the turn and improving handling.

汽车转弯时，外侧的车轮避震的阻力变硬，防止由于转弯的离心力导致的侧倾，提高操控性。



When the car brakes sharply, the resistance of the front wheel shock hardens to prevent the driver and passenger from moving forward inside the vehicle after emergency braking. This increases safety for both drivers and passengers.

汽车急刹时，前轮避震的阻力变硬，防止驾乘人员在急刹后发生前倾。



When driving at low speed down a bumpy road, the shock absorbers automatically adjust to reduce the vibration and allow better grip on the road.

汽车在路面颠簸的道路上低速行驶时，4个轮子的避震阻力变软，减弱震动，保障抓地力。

Intelligent Handling Suspension System

智能操控悬架系统

The dynamic suspension control system can be controlled through the owner's mobile phone. Through the app, owners can manually adjust the height of the body and the softness and hardness of the shock or select the car's driving mode to automatically adjust.

车主可使用手机的蓝牙连接动态悬挂控制系统。通过手机 APP 来手动调节车身的高度和避震的软硬度，或者选择汽车的行驶模式来自动调节。

Mobile APP

手机 APP

Car driving mode

汽车行驶模式

Airtightness · Anti-leakage Prevention

气密性强 · 防漏气

Aircraft Grade Alloy Protective Cover

一体成型航空铝保护罩

The aluminium alloy protective cover is deeply electrophoresis painted to enhance the shock absorber's resistance to acid rain corrosion and oxygen resistance, which will increase safety and significantly extend the service life.

铝合金保护罩经过深度电泳上漆，增强减震器抗酸雨腐蚀和抗氧能力增加气囊安全性及大幅延长使用寿命。



Air Suspension System

空气悬架系统

Adjustable damping shock absorber

可调节阻尼减震器

Improve driving maneuverability. Driving becomes more responsive.

Braking becomes more stable. Improve driving comfort. Restore the driving pleasure you deserve.

提高驾驶操控性，驾驶更灵敏，刹车更稳定，提高驾驶舒适度，还原你应有的驾驶乐趣。



For Tesla MODEL

适用特斯拉 MODEL

Original Location Installation - Size Matching

原装位置安装 • 尺寸匹配

Precise positioning of the mounting holes, reducing deviations and one-step installation.

精准定位安装孔，减少偏差，安装一步到位。



Air Suspension Damping System

空气悬架减震系统

SOBERS Air Suspension

SORBERS 空气置架

For Tesla MODEL3

适用特斯拉 MODEL 3

Excellent resin rubber

优良树脂橡胶

Airtight, air-leakage prevention; wear resistance, corrosion resistance, long service life.

气密性强，防漏气；耐磨耐腐蚀，使用寿命长



Consistent installation position

安装卡位一致

The Air Suspension's position is consistent with the original car, directly replacing the original shock absorbers without modification, ensuring in-situ installation and proper pairing.

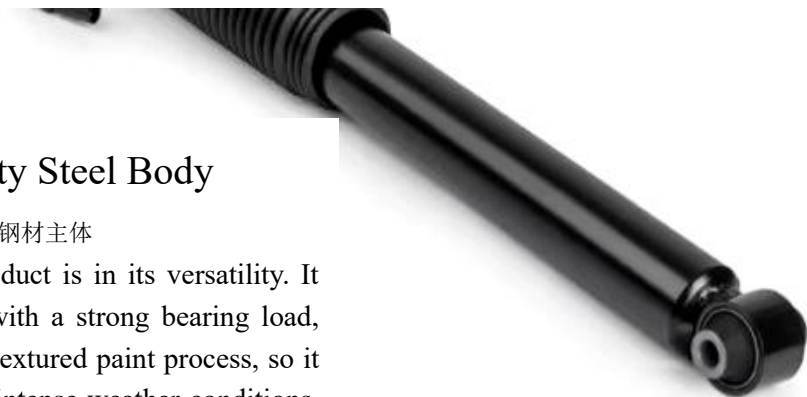
空气悬架卡位与原车一致，直接替换原车减震，无需改动，确保原位安装，合适配对。

High-Quality Steel Body

优良钢材主体

The strength of this product is in its versatility. It uses low-density steel with a strong bearing load, and it's made using the textured paint process, so it can withstand the most intense weather conditions. There's no need to worry about rust or corrosion—this product is as durable as it is beautiful!

钢材密度低，承重强；采用纹烤漆工艺，产品色泽明亮美观，坚固耐用不生锈，耐腐蚀



Air Suspension product parameters

空气置架产品参数

For Tesla MODEL3

适用特斯拉 MODEL 3



Brand: SORBERS

品牌：SORBERS

Product name: Air Suspension

产品名称：空气悬架

Applicable models: Tesla MODEL3

适用机型：特斯拉 MODEL3

Specifications: Original specifications

规格：原装规格

Installation: In-situ installation

安装：原位安装

Function: High and low / soft and hard

功能：高低/软硬

Features: Solve vibration damping noise, improve car comfort

特点：解决减震异响，改良汽车舒适性

Control adjustment: Mobile APP adjustment and car driving mode adjustment

控制调节：手机 APP 调节和汽车行驶模式调节

Air Suspension product display

空气置架产品展示

For Tesla Model 3

适用特斯拉 MODEL 3

Front shock absorbers

前避震



Rear shock absorbers
后避震

