

Company Introduction



The products have been insured by CCYS in product liability insurance for 2,000,000.USD

CCYS has been producing quality chassis parts in Taiwan for several decades. 90% of the production process is done in-house in CCYS factories, including research and development, machining and quality test. CCYS employs technical precision and rigorous control techniques to produce consistently high quality, reliable steering and suspension components. The high standard of CCYS parts already exceeds our customers' expectations of MIT quality. The CCYS range features control arms, stabilizer links, ball joints, tie rod ends, rack ends and rubber bushes.

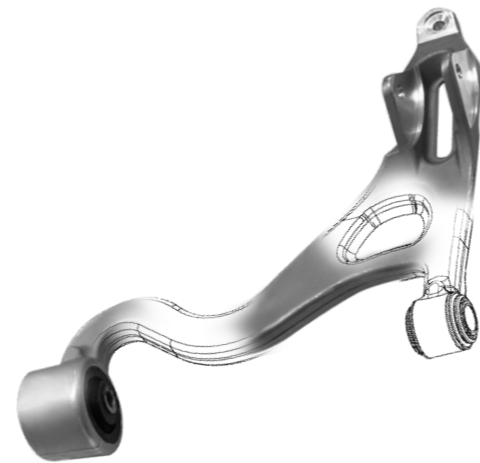
CCYS has been producing OEM components since 2000 and in cooperation with various leading international distributors, has expanded and shared its technical knowledge and expertise. Huge investment in advanced digitalized equipment has enabled CCYS to further supply high quality and safety products for end users.

CCYS sells its products under **CTE** brand names across the world; European vehicles Asian vehicles.

Company Introduction

Control Arm

Control arms serve as the key role of steering mechanism. Strict specifications can be found in the aspects of tensile strength, material specification and fatigue endurance. The control arm needs to absorb the force from all directions while driving and to maintain the stability of chassis structure and further to prevent unstable condition. Control arms made by **CTE** have been tested strictly such as: elemental analysis, life cycle test and we answer our customer's demands by providing a "Safety You Can Trust" product.



Technical advantage

- long service life
- easy assembly and well-structured
- outstanding quality

Bushing

Bushings have the function of shock absorbing and can be made of steel or plastic material. The composition of the main ingredient of the bushing, rubber, plays the key role of the bushing. The vehicle might get noisy or can not drive in trace as the rubber have premature or poor bonding phenomenon. As a result, it is quite critical for vehicle user to select a high-end quality bushing. Bushings made from **CTE** all have undergone strict quality inspection.



Technical advantage

- excellent life expectancy of bushing
- shock-absorbing, reducing noise

Control Arm / Bushing



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Ball Joint

The ball joint has the task of supporting and connecting the control arm and the ball joint can rotate in multi-angle direction while the vehicle turns. The ball joint can also ensure the steering mechanism and minimize vibration. The multi-angle movement of ball joint enables that the vehicle can be maneuvered in radial and axial directions. In adherence with traditional Taiwan craftsmanship, **CTE** ball joint can provide our customer a safe and reliable driving enjoyment.



Technical advantage

- maintenance free
- easy replacement

Tie Rod End

Tie rod end is part of steering mechanism and can help to push and pull the tire. While driving, the tire will vibrate due to various road conditions. However, the steering rack is mounted in the vehicle and thus; the tie rod end can transmit longitudinal and lateral forces. Tie rod end also absorbs the horizontal, torque and frictional movement. The tie rod end is connected with the rack end via its thread and can provide vehicle user a better sense of control.



Technical advantage

- light weight design
- easy assembly

Ball Joint / Tie Rod End

Rack End

The rack end connects tie rod end and steering rack and can be adjusted via the thread of tie rod end. Hence, the length can be changed to reach the purpose of toe adjustment. As the steering wheel turns, the rack ends can enable the front wheel to move from one side to the other and absorb the forces generated from axial and radial directions.



Technical advantage

- stable manufacturing procedure
- reliable quality inspection

Stabilizer Link

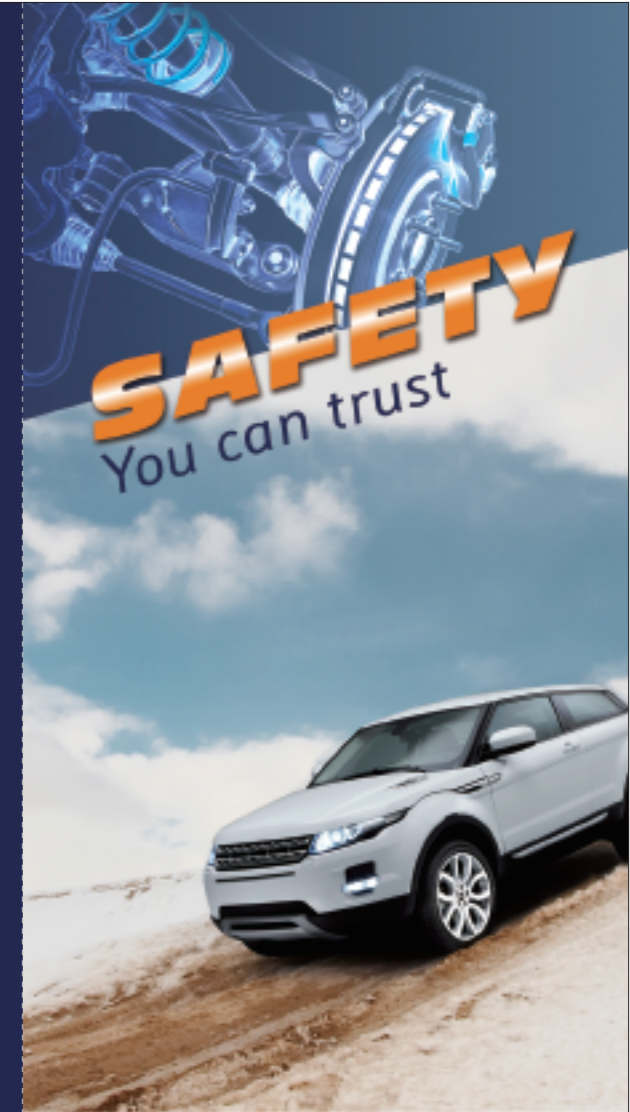
Stabilizer links belong to horizontal product and are mounted between frame and control arm. The function of stabilizer links enables the suspension system to reduce the movement and vehicle vibration. The vehicle will tilt while turning due to the effect of centrifugal force. At the moment, the stabilizer link can fight against the torque and ease the vehicle from tilting. The combination of stabilizer link and original vehicle suspension system is the best way to reconcile driving comfort and maneuverability.



Technical advantage

- Improving vehicle safety and maneuverability.

Rack End / Stabilizer Link



Steering & Suspension

CTE
CHASSIS TECHNOLOGY CORPORATION