



# **Urethane cushion buffer**

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# Introduction

- **Urethane Cushion Buffer** is the product which is classified as automobile spare parts and accessory. Our product is installed on coil spring in automobile's suspension and supports suspension to enhance driving comfort and safety. It is made with our 20 years experience and technology.



■TTC Company



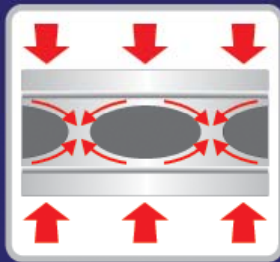
■TTC Power Cushion II



■TTC Urethane Cushion

# New Technology

- The new technology of TTC, 8~9 oval holes on the surface of urethane cushion buffer disperses shock on shock absorber and also maintains same cushion for all time. This new technology is the result of long research period and investment on technology development



## 1. New technology

- TTC new technology, the Urethane Cushion surface has 8-9 oval holes whose function is to disperse the neutral impulse. Compared with the original product, more effective protection spring and the suspension system come to really.

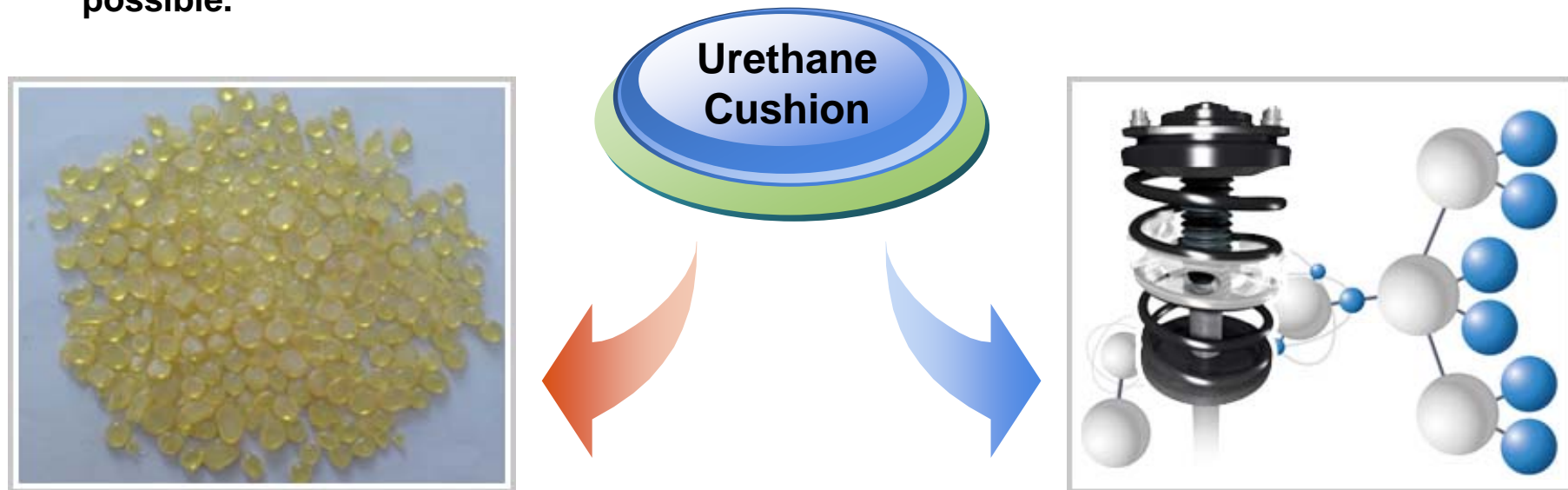


## 2. High quality / High performance

- TTC new material? 100% Urethane can maintain the product (the Urethane Cushion) transparency. The athletic shoes manufactured by world famous sports product company - NIKE, also utilize such kind of materials. What's more, mere TTC company can legally share these special materials with NIKE. Thanks to the cooperation treaty between us.

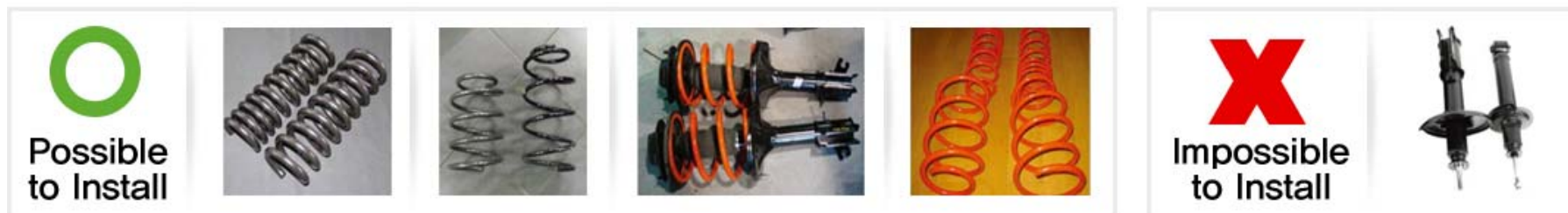
# New Material

- The new material of Urethane Cushion Buffer is transparent urethane. In automobile appliances market, we are having an exclusive contract and using this urethane that 'Nike', the world best sportswear company, uses for their shoes and clothes. By bonding diamond cushion material with patent design; its performance is stronger and far better than the rubber maid power cushion buffer. (New material is our exclusive contract. So it can't be used in any imitation buffers.) Urethane is strong against property of matter and it restores to the former state from any shape. This is new material that shape memory is possible.



# Characteristics of Cushion Buffer

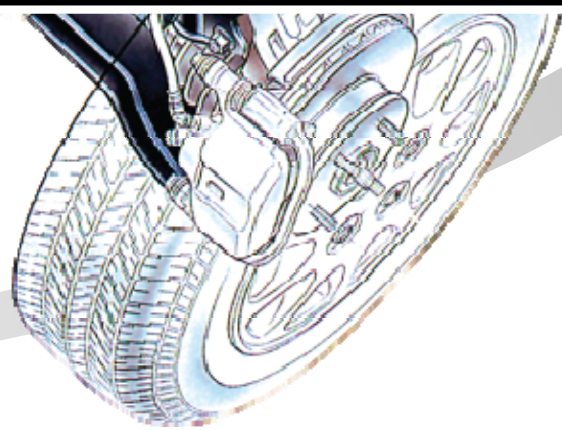
- With our company's knowhow of optimum mixing ratio for pure polyurethane, Urethane cushion Buffer has great heat resistance, cold resistance, and oil resistance. Therefore, it can be applied for all regions and climate conditions. It has excellent durability.
- High tension and attraction of product absorbs any kinds of shock effectively
- Various sizes of Urethane Cushion Buffer (K, S, A, B, C, D, E, F) can fit most of the cars from entire world.
- It protects car shock absorber from unpredictable shock and provides sense of stability while cornering. Its main role is to enhance comfort while driving and to make driving safer. Urethane Buffer protects shock absorber and extends its durability. It reduces the exchanging cost of expensive shock absorber.
- It originates best performance and value compare to its price.



# Merits & Advantage



Comfortable driving when passing over-speed bumpy road and rough road. Prevents leaning with coil spring tension control when making a sharp curve. With Cushion improvement, it reduces fatigue when driving long distance. Protect shock absorber from the shocks (durability extends more than 2 times). With car height restoration, it provides stabilized drivin.



# Easy Installation of Cushion buffer



1. Prepare Buffer, jack, and soap water (In case of Urethane Buffer, grease and oil can be used)



2. Lift car up. Make sure to lift-up the car until the tire is off from the ground.



3. Then you can see that the spring is loosening.



4. Spray enough soap water on the spring. make the spring clean



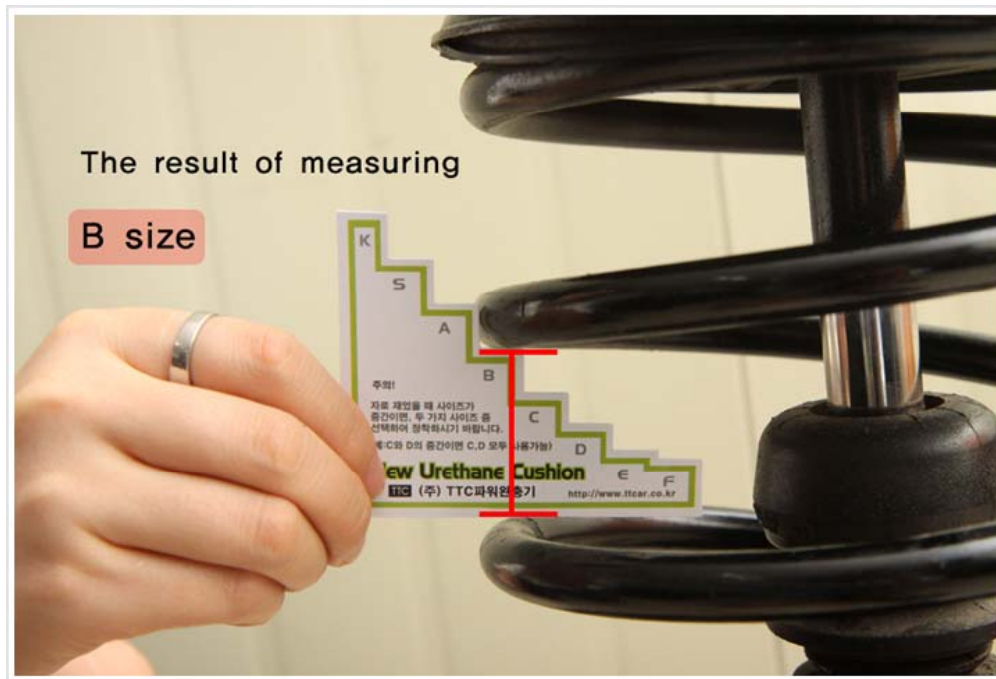
5. Also spray on the groove of Buffer and then install. It'd better put in the middle of the absorber.



6. Check whether spring is fitted well in the groove. Then lift car down. Installation complete.

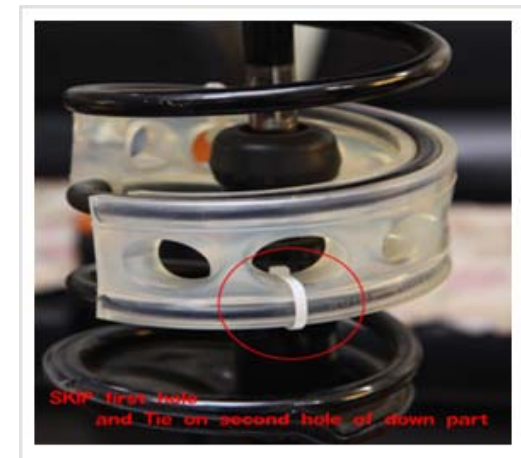


# Measurement way



New result of measuring

## The method of cable tie for size K,S,A



To prevent removal of the cushion buffer, we recommend to tie up bigger size such as K,S,A on the coil spring by PVC cable tie.