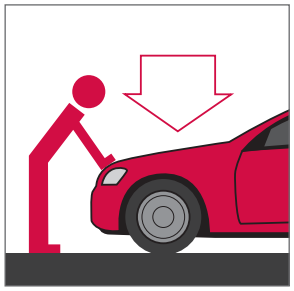
How to Tell if Your Shocks Need Replacement

Unfortunately there is no mileage guideline that tells a car owner when to replace your shock absorbers or struts. Other than the quality of the shock absorbers and struts, their lifespan is also determined by many other factors such as driving habits, road conditions and hostile environment. Worn shocks and struts not only affect the ride comfort and control of your vehicle but also increase the wear of other components in the suspension system. Moreover, tests have shown that even if just one shock absorber is worn, a car may need an extra 2 meters to stop. This could mean the difference between stopping safely and crashing. Typically shock absorbers and struts should be examined once a year or every 30,000km to 45,000km by a qualified mechanic.

Here are some tell-tale signs when shock absorbers or struts may need to be replaced.

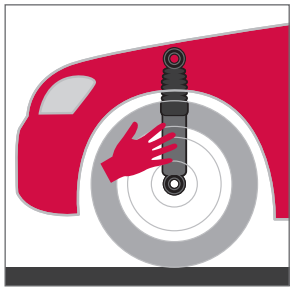


Pitching

Pitching occurs when the vehicle continues to rock more than 3 times when you push on the bumper. Pitching indicates a weakened shock absorber or strut and that it is time to change.

Oil Leakage

Oil leakage seen on the outer tube points to a damaged shock absorber or strut. This suggests that a replacement is required.

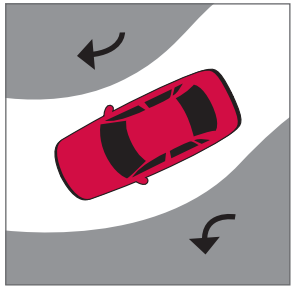


Cold Shocks or Struts

If the shock absorbers or struts feel warm when touched immediately after driving, they are in good condition. However if they feel cold, they should be replaced.

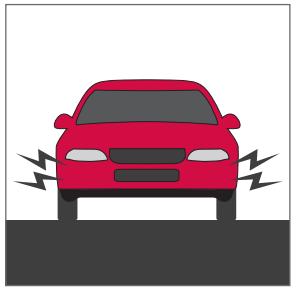
Nose-dive or Nose-lift

During rapid braking, when the inertia of the vehicle body thrusts the front end downwards and the back end upwards, the vehicle is said to be experiencing a nose-lift or nose-dive. This is an indication of worn shock absorbers or struts.



Excessive Swerve

Excessive movement from wind gusts, road conditions and steering movements suggest that the shock absorbers or struts are in bad condition.



Knocking Sound

If you hear a strange continuous knocking sound coming from somewhere near the shock absorbers or struts when driving, it is most likely that they are damaged and should be replaced.

Tyre Cupping

Tyre cupping is evident when there is uneven wear around the circumference. Worn shock absorbers or struts leave a continuous cupping pattern on the tyres.

DJ PARTS

SHOCK ABSORBERS & STRUTS

Your Undercarriage Specialist

The Right Shocks for Every Drive

The original shock absorber fitted into a new car has been specially designed for that particular model. But what happens when this shock absorber wears off after driving for thousands of kilometers and a replacement is needed? DJ PARTS shock absorbers and struts promise the same safety, control and comfort as a new car. With a huge range covering American, European, Korean and Japanese applications, DJ PARTS cover the majority of automobile brands. DJ PARTS shock absorbers and struts have been specially designed through comprehensive studies and testing to optimally fit the application for each respective model.

DJ PARTS shock absorbers and struts provide:

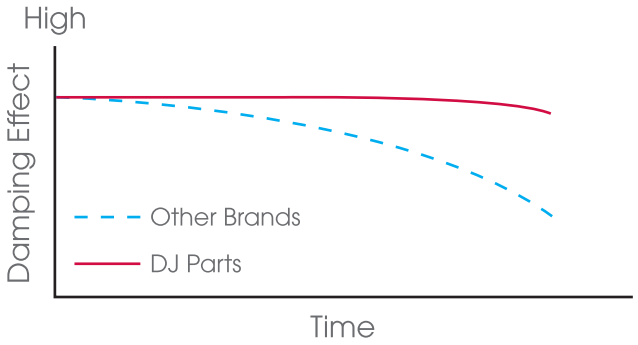
- Comfortable ride even under severe driving situations
- Automatic adjustment to ride conditions
- Smooth steering and easy control
- Noiseless operation
- Long service life

1. Sintered iron rod guide
2. Premium grade multi-lip oil seal
3. Hard-chromed plated piston rod
4. Multi-stage wear resistance rebound valve
5. Specially formulated all-weather oil
6. Gas or Nitrogen charged
7. High precision cold drawn pipe
8. Specially designed Multi-stage compression valve

How DJ PARTS Shocks are Superior to Other Brands

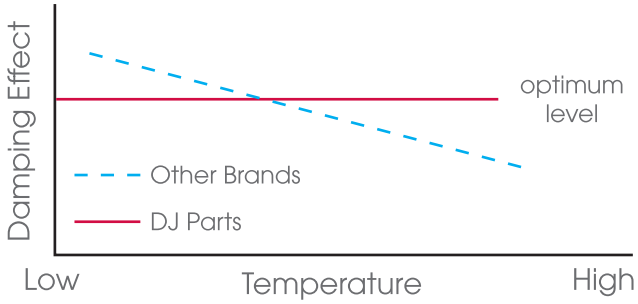
More Resistance to Wear

Unlike other non-DJ PARTS shock absorbers and struts, DJ PARTS shock absorbers and struts maintain their damping over a longer period. This is due to the specially engineered rod guide and piston which are manufactured and processed for reduced friction, thus providing a smoother operation.



Higher Resistance to Temperature Variations

DJ PARTS shock absorbers and struts maintain their damping effect over a wider range of temperature because of the specially blended oil used. Due to its excellent qualities, the oil does not change its viscosity over a wide temperature range and therefore allows for a comfortable drive under any weather condition.



Potential Problems of Poor Quality Shocks

Poor quality and low cost shock absorbers and struts use poor manufacturing techniques and materials. They are not designed to meet the specific application damping force of each model and are limited in the range they can offer. Using poor quality shock absorbers and struts cause poor vehicle stability and braking performance. They even result in early wear on the tyres as well as other steering and suspension parts. Most detrimental of all, they affect the safety of you and your passenger. When safety is the one thing you do not want to compromise, insist on DJ PARTS shock absorbers and struts.

Dealer's Stamp:

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