CV JOINTS / DRIVE SHAFTS
For the automotive aftermarket: All components for your success

TEKNOSA DRIVE SHAFT & CV JOINTS
Teknosa CV joints are manufactured in accordance with the highest quality manufacturing standards. Our range is one of the most extensive and versatile available on the South African & African market, consisting of inner & outer CV’s and complete drive shafts which are available for all makes and models of cars. New applications are constantly being added by our expert team, as we strive toward continued growth and improvement.

Driving efficiently on the road would largely depend on the functionality of your car’s components. One of the most important components of your suspension system is the CV joint. This component accommodates the up and down motions of the suspension by transferring the torque at a stable speed to your car wheels.

There are two types of CV joints: the tripod type and the ball type. Tripod types are commonly used on the inner side of the drive shaft, while the ball types are commonly used on the outer side of the drive shaft. This large bearing is composed of a ball cage, an inner ball hub, an outer ball hub, and six balls. These components form a strong unit when they are properly assembled. However, an incorrect assembly may cause it to self-destruct in just a few minutes. You must keep it safe from dirt and water, as these two elements are the main causes for CV joint failure. Partial seizures and vibrations at certain speeds are an indication of a worn out CV joint. You will also hear some cracking or clicking noise when lifting the throttle or when applying power. Do not wait much longer. Replace it immediately with a new one.

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PRODUCT DEVELOPMENT
Our R&D team is constantly developing new applications to OEM standards to meet the demands of the aftermarket industry.

The focus is on developing, updating and optimizing existing products to meet the changing needs of the automotive market. This ensures that our products remain competitive and meet the highest quality standards.

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COMPLETENESS OF RANGE
One major advantage of the Teknosa Group is the quality of the product range. Teknosa develops more applications within a month than any other competitor for the aftermarket business. Our catalogue especially for Drive Shafts and CV Joint kits comprises all applications necessary to cover about 95% of the global car park.

Teknosa group has been following the trend of global vehicle types and keeps developing and updating the facilities. Over 300 new items are developed each month in order to meet the latest demands of the clients. Always keeping a leading position in the product range.

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ASSEMBLY

1) If the circlip is internal (not visible), remove the joint from the shaft by striking it on the front face of the inner race.
2) Clean area and place new boot in correct position between ridges of shaft.
3) If the joint has an internal circlip, this has to be fitted in the groove on the shaft.
4) Apply some grease from the tube supplied to the inner face of the joint.
5) Fill the boot with remaining grease supplied.
6) Match the spines on the inner race with those on the grooved part of the shaft, pay particular attention to the retainer ring.
7) Plug joint on shaft and tap it carefully with a soft hammer until it is locked by the circlip.
8) Stretch boot joint to the correct position & tighten big band. Ventilate boot with a screwdriver before tightening band.

TEKNOSA DRIVE SHAFT & CV JOINTS

EXCELLENCE PERFORMANCE DURABLE

www.teknosa.co.za

We are system specialists for Sideshafts and Propshafts. For our partners in distribution and fitments, that means perfectly harmonized product quality and, our products carry a 1 year warranty.

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