

Frequently Asked Questions

Q: What is the benefit of an OE pedigree?

A: Having an OE pedigree gives TRW the edge as all our OE experience, safety knowledge and technical expertise directly translates into our aftermarket offer. This means that we utilize the latest OE designs to restore the steering and suspension system back to its original operating performance. And by developing the technologies which sit behind the parts, we are able to manufacture components which work in harmony, both with each other and within the system, making installation easy, fast and accurate.

Q: What are the benefits of low-friction technology?

A: The internals of rotational parts consist of highly polished full ball studs, that have been heat treated for maximum durability and encapsulated by low-friction polymer bearings. When these parts are complemented by low-friction polymer bearings, you get the safest, most efficient and highest performing parts. This is because low friction technology provides maximum grease distribution which results in lower wear and higher durability to road shocks. Original steering performance and feel just as the vehicle manufacturer intended. High temperature grease and modern materials allow for endurance in all terrains, temperatures and duty cycles.

Q: Why sealed for life?

A: TRW units are in most cases sealed for life and require no maintenance across the life of the part. Most service outlets don't grease joints as the OE spec doesn't call for it; and it is overlooked. This causes premature wear of the part as contaminants are not flushed through and lubrication is not present. Sealed for life components never need greasing and will perform as they were originally intended.

Q: How do components in a modern steering and suspension system work together?

A: Modern vehicles are highly complex systems in which all components work together for the designed handling characteristics of the vehicle. We design and manufacture our parts to work in harmony with the most up to date systems, and utilize innovations such as sealed for life and low friction technologies to ensure that modern vehicles will operate as intended.

Q: How is TRW integrating aftermarket solutions to their existing OE design parts?

A: Over half of TRW sales coverage includes OE product, ease-of-installation attributes and serviceable designs where required. We have improved our products to include aftermarket features such as sealed for life design, knurled ball joint housings, greaseable truck ball joints and increased tie rod wrench flats. We understand the aftermarket would prefer not to change the control arm and we are moving to the knurled designs on all new numbers. Most OE tie rod ends only come with two wrench flats. TRW is moving towards providing four or even six wrench flats on our line of tie rod ends and stabilizer links, to ease the installation process.

