



Owner Handbook

CK22
MG B



Introduction

Thank you for buying this CK 22 lever arm to telescopic damper conversion kit. Your kit is Epoxy Powder Coated and Dyno tested to the strictest TÜV standards. The dampers are Krypton Gas filled to give stunning high speed performance and better quality low speed ride.

Safety First

- If working under or on a lifted vehicle, ensure that it is safely supported.
- If compressing a spring, ensure that the correct tools are used. Failure to do this can result in serious or fatal injury.
- SPAX dampers are gas pressurised. Never puncture, dismantle or incinerate.
- The literature contained with this suspension kit is meant as a guide only and is not comprehensive. SPAX Performance Ltd accepts no liability whatsoever for damage, loss or injury incurred as a result of using this literature.

Fitting Notes

- SPAX recommends that this kit be fitted by a suspension specialist.
- Never grip or hit the damper piston rod. This will damage the highly polished surface, leading to premature damper failure
- Never use an impact wrench to tighten nuts and bolts.
- Never force the damper adjusters. Forcing them will cause damage.

Kit Contents

- 2 Upper mounting brackets
- 4 Damper mounting bolts
- 8 Nyloc nut 3/8"
- 2 Nyloc nut 1/2"
- 4 Star washer 3/8"
- 2 Spring Washer 1/2"
- 4 Plain washer
- 2 Deep spacer (lower mount)
- 2 G41AV



Fitting Instructions

1. Remove the existing lever arm damper and link arms from the vehicle. Retaining the bolts, washers and lower mounting plates.
2. Using a jack to support the spring release the axle U bolts, slowly allowing the spring tension to relax. Swap the lower spring support plates from side to side refitting the other way up as illustrated.
3. Check the spring locating bushes and bumpstops for wear and replace if necessary. Use the new nuts supplied to re-tighten the U bolts with the lower plates in their new position and tighten to 19Nm (26 lbs ft).
4. Fit the top bracket using the existing bolts and the new spring washers.
5. Fit the Spax damper and tighten the bolts to 37Nm (50lbs ft).
6. After fitting check clearance with the exhaust to prevent damage to either system. It is possible to reverse the lower mounting bolt to obtain more clearance.
7. Finally check tightness of all mounting bolts. These should be periodically rechecked.

Setting Up

Your CK kit is adjustable for damping force. Adjustments can be made without any dismantling of components, making it simpler, faster and easier to obtain your ultimate set-up.

- All Krypton Gas dampers have 28 stages of adjustment. This allows a wide range of adjustment to suit different driving styles and road conditions.
- The dampers are adjustable in rebound and in bump.
- To obtain the ideal set up for you and your car, we recommend initially setting the dampers to 4 clicks up from fully soft (anti-clockwise).
- Then adjust up in 4 click steps. Every time the driving sensation improves, carry on adjusting up by 4 clicks. When the driving sensation deteriorates adjust back one click at a time until you find your perfect setting.

Use

SPAX performance suspension is designed to improve the safety and performance your car.

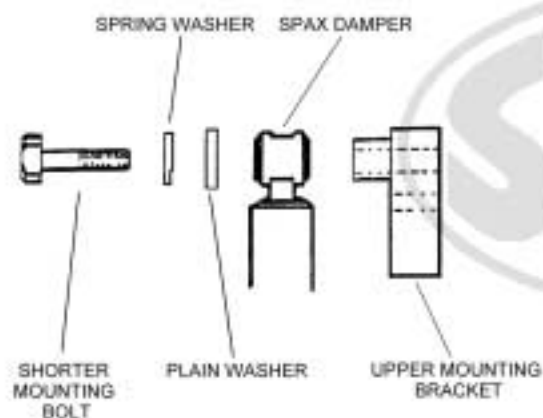
This suspension kit has been designed for road use and for limited track day use.

Maintenance

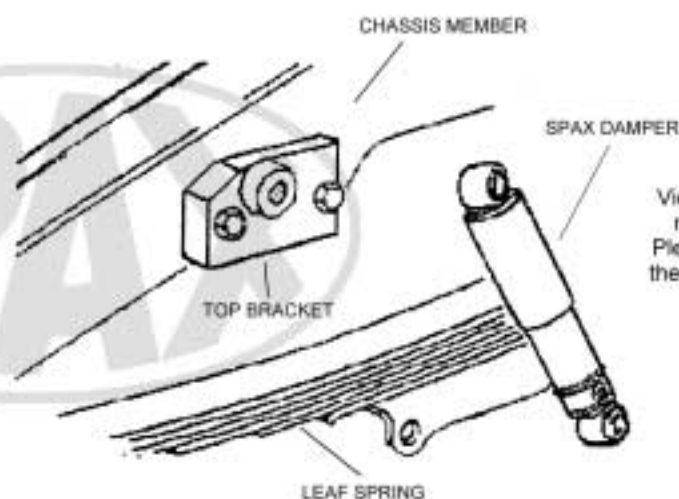
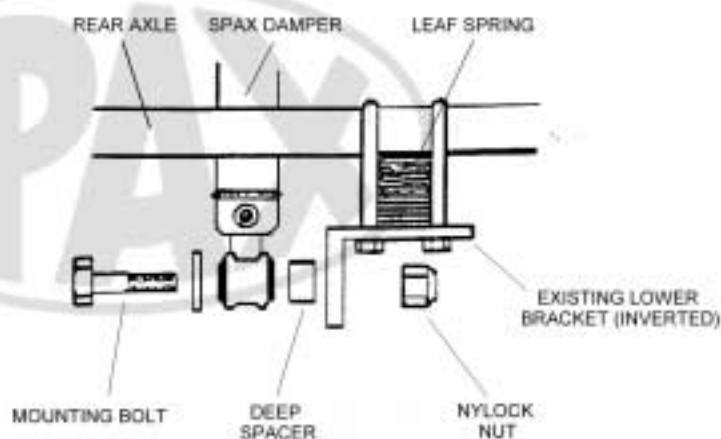
Clean components using mild detergent and water. Never use abrasive products. Long-term exposure to corrosive conditions (e.g. salt, acids) or driving in sandy or dusty conditions will reduce the life span of the components.

The damper adjuster mechanism should be adjusted regularly and lubricated with a waxy corrosion inhibitor to prolong the life of the components.

Top Mounting Assembly

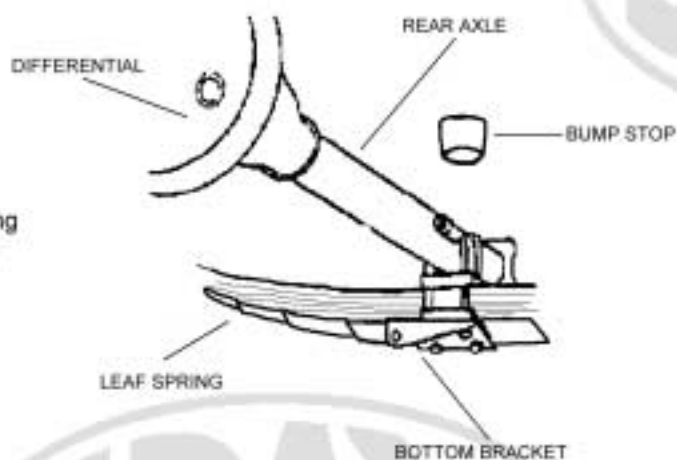


Bottom Mounting Assembly



View showing top bracket assembly bolted to chassis member and lower bracket mounted to leaf spring. Please check condition of all mounting points to ensure they are strong enough to take shock absorber loading and are free from corrosion.

View from beneath center of car showing bottom bracket inverted as required



What makes SPAX special?

TüV Certification of the Company & Products - The toughest quality standard in Europe

POWDER COATING to give looks and protection that are second to none

DYNO TESTING of each and every damper so you get maximum performance and quality - guaranteed

GAS DAMPERS - Krypton pressurised for stunning high speed performance and superior low speed ride

Everything Adjustable on car, with no dismantling

