

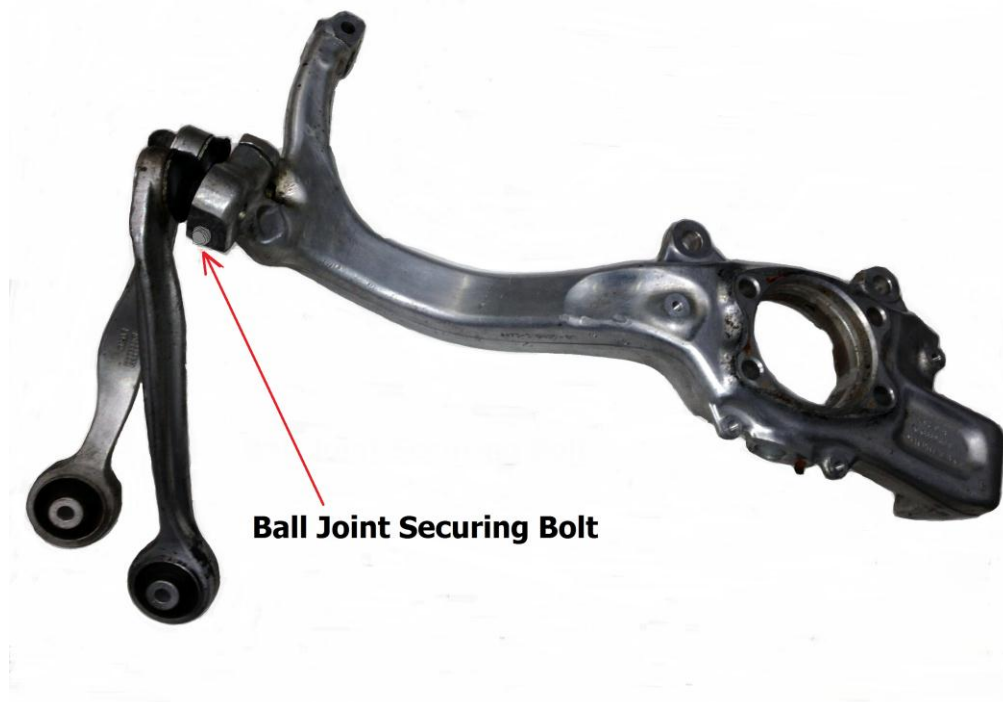
## 08041000 VW Alloy 4-link suspension bolt remover



A new removal kit for removing stuck securing bolts on double knuckle ball joints; fitted into VW group 4 alloy link front suspension assemblies:

### **User Instructions:**

Kit is to be used on stuck securing bolts that have mishapen or seized into the double ball joint knuckle securing housing. Having the remainder of the bolt (once the nut is loosened and discarded) is essential for this kit to work – SP advise at least 10mm protruding to work on.



**Method of use:**

- First remove securing nut from bolt if fitted,
- Mount Sleeve over protruding bolt end the sleeve has 2 functions (– and so it is essential it is used, if not there is less chance of successfully removing the bolt.
- Fit Vibro-impact mandrel into Sykes-Pickavant 90206000 Vibro-Impact air hammer (or similar tool)
- Place Vibro-impact mandrel tip into Sleeve, and apply force; the vibro-impact force should loosen the bolt and then drive it back into the suspension housing.
- If the bolt is long and tight in a deep housing then use the Impact extension piece to provide greater reach of bolt release.

If bolt is severely tight into suspension housing then applying a good quality freeing oil first will be advantageous; alternatively controlled heat can be applied to the actual bolt head as is ferrous – for this Sykes-Pickavant recommend using the 96010000 high output induction heater.

**Heating the alloy suspension components directly is not recommended – as doing so can result in serious damage to the structure and integrity of the component.**

Note: Our product development testing revealed some instances where the main ball joint securing bolts can be physically de-formed from being over-torqued when previously fitted – making bolt removal even with this tool very difficult. Sykes-Pickavant cannot guarantee the successful removal of all bolts using this tool.