

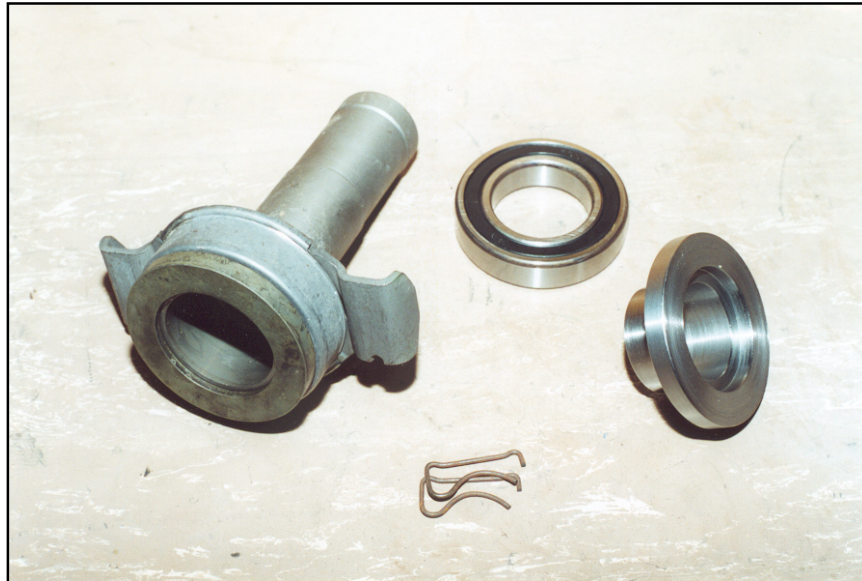
The Elan Factory – Product Datasheet



Lotus Esprit clutch release bearing (Lotus part number A079Q4014J)

**Is your clutch release bearing beginning to make a noise when you depress the clutch pedal?
Are you thinking about replacing the worn and noisy assembly with a brand new replacement?
Then before you invest in a new replacement, you may be interested to learn it is possible to refurbish your worn bearing assembly for significantly less than the price of a new component.**

Providing the bearing carrier assembly is not damaged or badly worn, it is possible for The Elan Factory to refurbish the existing component so that it is better than new. The original bearing carrier employs a unique integrated bearing and flat thrust face. This means the bearing and thrust face cannot be separated and there are no serviceable items that are available as a commercial equivalent. The only solution until now has been to purchase a genuine replacement part from Lotus. After some careful investigation, a suitable bearing has been identified that has the correct axial load rating to withstand the clutch diaphragm operating pressure. To replicate the original detail, a separate thrust face has been designed in high tensile steel to accommodate the bearing plus provide the correct installed height.



The Elan Factory is pleased to offer a cost effect refurbishment program for this item. This involves carefully dismantling the worn original release bearing assembly. It is then bead blasted and inspected for serviceability. The component is then polished at the sliding bearing contact surface areas to remove any marks or corrosion. After this process has been performed, the sliding shaft is measured, the checked for wear and ovality.

Providing the carrier and sliding tube are serviceable, the new bearing and thrust face can be installed into their respective housing. If at a much later date the unit is discovered to have a worn bearing, the process is simply repeated by replacing the same items.

All the new components supplied by The Elan Factory are guaranteed against faulty material and workmanship and are covered by a twelve month warranty. It is also possible to carry out a similar refurbishment process on other Esprit clutch release bearing assemblies. Please call for details and pricing.

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Value-added solutions through experience and superior design

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