

Jaguar Oil Filter Screw On Adaptor Series 1 3.8 ~ Installation Manual

Martin Robey
SALES LTD.
JAGUAR & JENSEN
SPARES SERVICE & RESTORATION

POOL ROAD
CAMP HILL INDUSTRIAL ESTATE
NUNEATO, WARWICKSHIRE
CV10 9AE ENGLAND

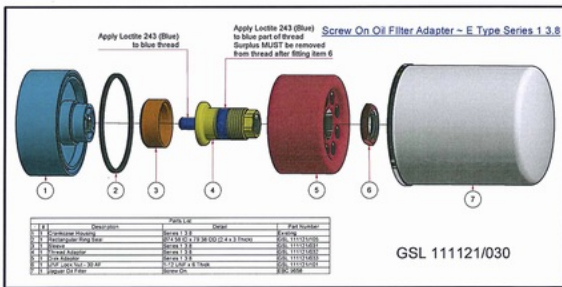
TELEPHONE 024 76386903
FAX 024 76345302
E.MAIL INFO@MARTINROBEY.CO.UK
INTERNET WWW.MARTINROBEY.COM

This Oil Filter Adaptor Kit, part number GSL 111121/030, is specifically designed for converting Jaguar E Type Series 1 3.8 engines to accept a Jaguar Standard Screw-On Filter, part number EBC 9658

Please read all instructions below before fitting this Oil Filter adaptor

The Kit contains

| | |
|-----------------------|-----------------|
| Rectangular Ring Seal | |
| Sleeve | GSL 111121/031 |
| Thread Adaptor | GSL 111121/032 |
| Disc Adaptor | GSL 111121/033 |
| UNF Lock Nut | GSL 111121/101 |
| Oil Filter | Jaguar EBC 9658 |



Note – High Oil flow

This filter system has been designed for filters with a 1" thread in order to maximise the oil flow without restriction to the lubrication system.

This system should not be compared with systems, which use spin on filters with smaller threads.

These smaller thread filters will restrict some of the oil flow and will have an adverse effect in the long term of excessive wear and contamination within the engine.

Jaguar Oil Filter Screw On Adaptor Series 1 3.8 ~ Installation Manual

Preparation

Ensure that the area around the Oil Filter Housing is clean.

Remove the original Filter Can, Filter and Rectangular Seal.

Clean Installation Area

Before fitting the Thread Adaptor, clean the installation area and ensure that the 3/8" UNC thread in the Filter Head is clean and not damaged.

Install the Sleeve (item 3) & the Thread Adaptor (item 4).

Install the Sleeve, as shown above,
with the large chamfer towards the Crankcase Housing.

Apply Loctite 243 or similar thread locker to the small thread of the Thread Adaptor, as indicated in the picture above.

Screw this adaptor, as far as possible, onto the original Crankcase Housing (item1) until the face of the large diameter of the Thread Adaptor seals on the opposing face on the Sleeve.

Check that there is no gap between the Thread Adaptor & the Sleeve and the Sleeve & the Crankcase Housing. These faces must make a full contact.

If this operation cannot be implemented by hand without the use of a spanner or socket, remove the Thread Adapter and rectify the damage to the 3/8" UNC Thread.

This thread must be in a good condition to accept the Torque load, as specified below. If this thread has excessive damage, do not fit this Adaptor Kit. The Crankcase Housing must be replaced or the thread repaired with suitable Helicoil Insert

Install a calibrated Torque Spanner with a 21mm AF Socket Spanner onto the hexagon of the Thread Adapter.

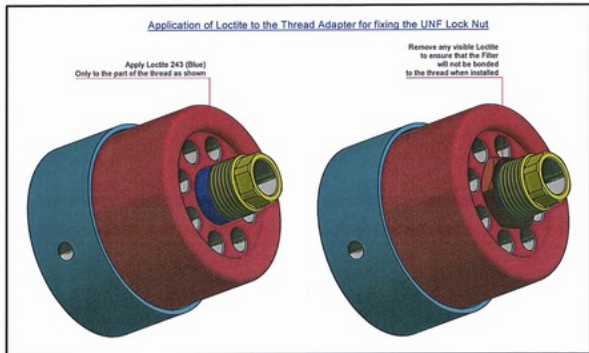
Apply a maximum torque of 40Nm to the Thread Adapter. IF THIS TORQUE VALUE IS EXCEEDED, THE THREAD ADAPTOR AND / OR THE CRANCASE HOUSING WILL BE DAMAGED BEYOND REPAIR.

Jaguar Oil Filter Screw On Adaptor Series 1 3.8 ~ Installation Manual

Install the Disc Adaptor (Item 5).

Fit a new Rectangular Seal (item 2) into position, making sure that it is correctly seated.

Place the Disc Adaptor onto the Thread Adaptor as shown in the picture below and engage completely into the related groove.



Install the UNF Lock Nut (Item 6).

Apply Loctite 243 as indicated by the Blue area on the left hand of the picture above.

Install the UNF Lock Nut onto the Thread Adaptor and lock in position while rotating the Disc Adaptor to ensure correct seating onto the Rectangular Ring Seal. Use a 30 AF Socket Spanner, which is deep enough to completely cover the hexagon of the 6mm thick UNF Lock Nut.

Apply a maximum torque of 40Nm to this Lock Nut. IF THIS TORQUE VALUE IS EXCEEDED, THE UNF LOCK NUT WILL BE DAMAGED BEYOND REPAIR.

Make sure that there is no Loctite visible on the Thread Adaptor or the outside of the UNF Lock Nut. This could bond the Filter to the new system. There must not be any Loctite on the portion of thread where the Oil Filter is installed.

Apply oil onto the new Oil Filter Sealing Ring and install a new Oil Filter (item 6) onto this assembly with a torque between **15Nm & 18Nm. Do Not Overtighten.**

Jaguar Oil Filter Screw On Adaptor Series 1 3.8 ~ Installation Manual

After Installation

Start the engine and check for leaks. On completion check the Sump Oil Level.

Oil Filter change

Change the engine oil and filter every 6,000 miles / 10,000 Km.