



Spin-On Oil Filter Adapter Kit

Installation Instructions

For: Classic Mini, Sprite Midget 948-1098-1275, Morris Minor 948-1098

PART# 235-875

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Actual parts may vary slightly from images shown.

Before you begin:

Read through the instructions completely before you pick up a wrench.

Thoroughly clean the adapter block and blow the hose out with compressed air. The parts are not ready to install until you have inspected and cleaned them.

Figure 1 is of one of several oil filter heads fitted to the 948, 1098 and 1275 engines. The filter head on your car may look a little different, but the basic components should be similar enough for you to follow the steps given below.

Disassembly

- 1) Remove all of the pieces of the oil canister. See Figure 1A.

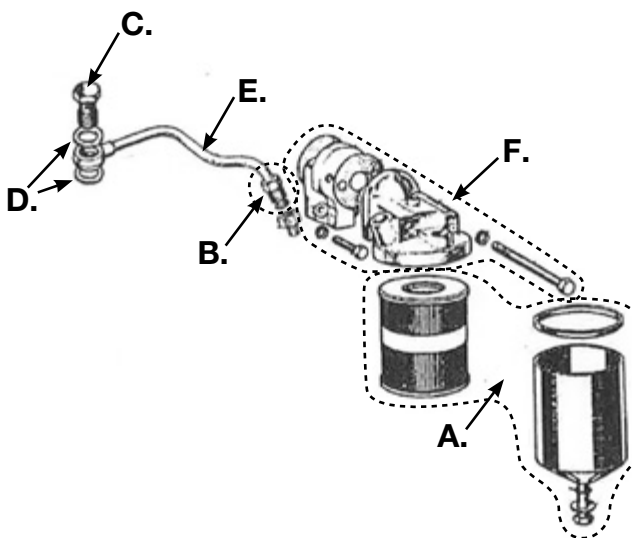


Figure 1

- 2) Unscrew the oil line fitting at the filter head. See Figure 1B.
- 3) Unscrew the banjo bolt. See Figure 1C.
- 4) Remove the oil line and the copper washers. See Figure 1D & 1E.
- 5) Remove the entire filter head assembly and clean the surface of the block, removing all traces of the old gasket. See Figure 1F and Figure 5.



- 6) If necessary, chase the threads in the engine block with the appropriate tap. The screws supplied in the kit are 3/8" UNC, which is 16 TPI.

Installation Instructions

Assembly

- 7) Thread the pipe fitting end of the hose into the oil filter adaptor hand tight. See Figure 7.



Figure 7

- 8) Lightly smear a little Hylomar (Moss Part# 232-220) or your favorite sealant on both sides of the gasket.
- 9) Install the 2 screws through the adapter and install the gasket over the screws.
- 10) Install the adapter assembly onto the engine (with gasket and screws) and tighten the screws to no more than 15 ft.lbs. See Figure 10.

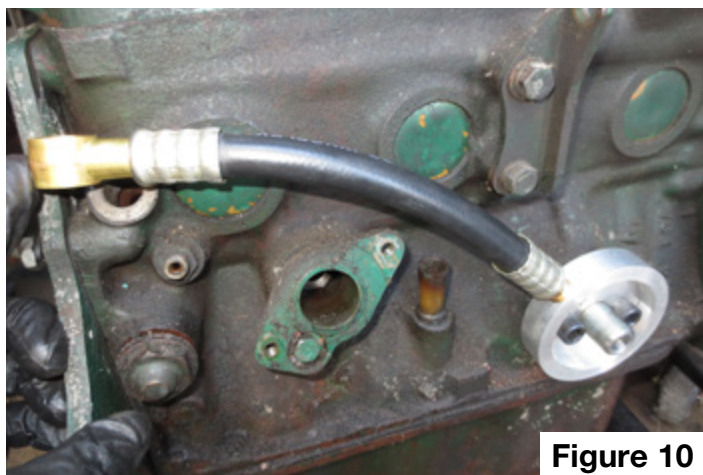


Figure 10

- 11) Try installing the (original) banjo bolt through the fitting and thread it into the engine block. Most likely the hose will need to be rotated in order for the banjo fitting to lay flat against the block on its sealing surface. See Figure 10. Use a wrench to tighten the hose (clockwise) in the adapter block until the banjo fitting is flat against the engine block sealing surface and the banjo bolt can be installed.

If the banjo fitting is already in perfect alignment without rotation, you will need to tighten the hose in the adapter block 180 degrees so that the pipe thread will seal. If it is only hand tight the thread will leak.

The sealing surfaces of the banjo fitting must be parallel to the sealing surface on the block without twisting or kinking the hose. See Figure 11.



Figure 11



- 12) Once the banjo fitting is oriented correctly and tight in the adapter, remove the banjo bolt. Install the provided copper washers and reinstall the banjo bolt. This time snug the bolt down (no more than 10 ft. lbs.).
- 13) Your oil filter can now be installed (not provided). Don't forget to lube the oil filter O-ring using engine oil.

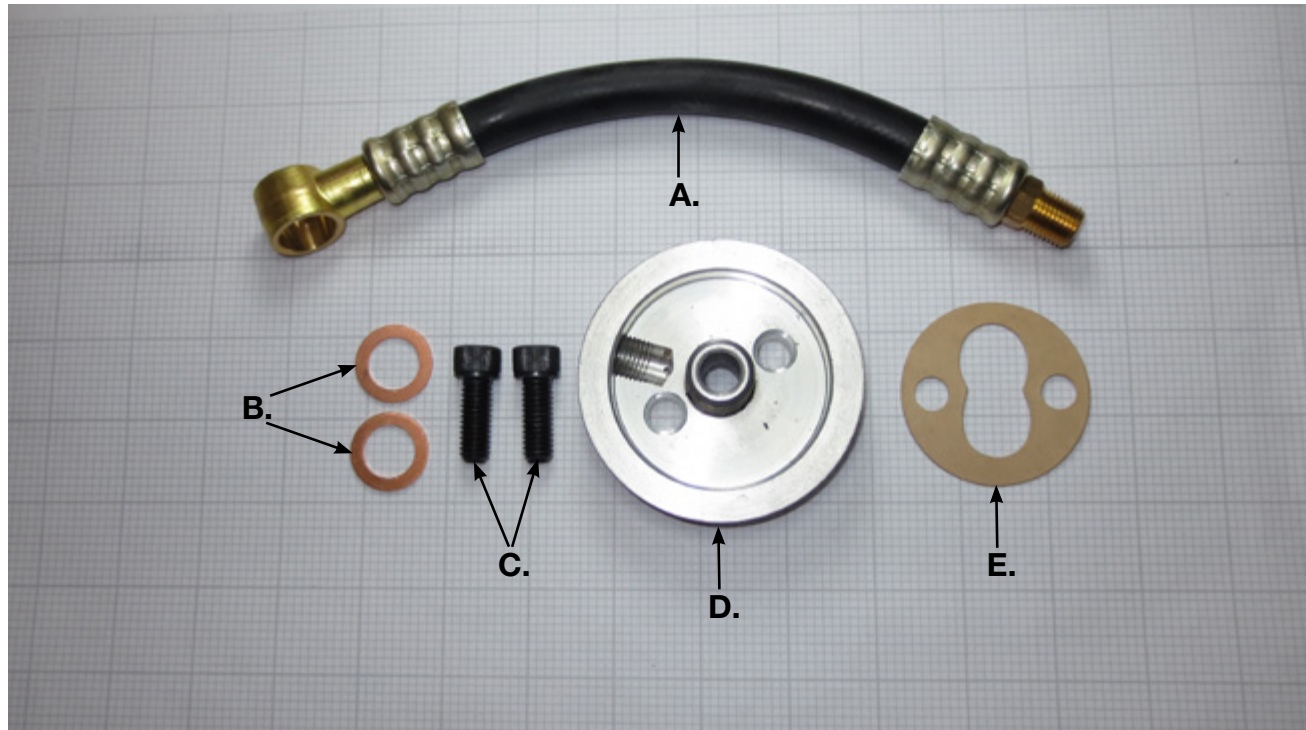
Recommended filters (not included)

Moss Part #	Brand
235-880	Fram
235-855	Wix
235-830	K&N

All three filters incorporate a internal anti-drainback valve and internal pressure relief valve.

- 14) Before starting the engine, it is best to prime the oil system: Remove the spark plugs and spin the engine over using the starter until you have oil pressure on the gauge.
- 15) Replace the spark plugs. Start the engine and carefully inspect all the connections for leaks.

We suggest that you change the oil and the filter every 3,000 miles or every 6 months.



BOM for 235-875			
	Part#	Description	Quantity Per
A	435-447	HOSE ASSEMBLY	1
B	324-805	WASHER, COPPER	2
C	770-390	SCREW, SOCKET HEAD CAP SCREW	2
D	770-424	ADAPTER, SPIN ON OIL FILTER	1
E	296-565	GASKET	1

Although every effort has been made to ensure the accuracy and clarity of this information, any suggestions that you may have that will improve the information (especially detailed installation notes and photos) are welcome. These instructions were developed and written by Moss Technical Support. If you have any questions or difficulties with your installation of this product, telephone 800-667-7872 between 7:00 a.m. and 4:00 p.m., Pacific Time for assistance.

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