

1 **Supplemental Information & Instructions**
2 **for**
3 **235-865 Adaptor, Spin on Oil Filter**
4 **MG TD from Engine #14224 ON, & MG TF**
5 **For MGTC and MG TD to engine #14223, see 435-385**

6 **Contents of Kit**

Ref	Part#	Desc
1a	770-584	Adaptor plate, aluminum
1c	770-483	Threaded adaptor
1d	435-347	O-ring seal, plate to block

Oil filter not included

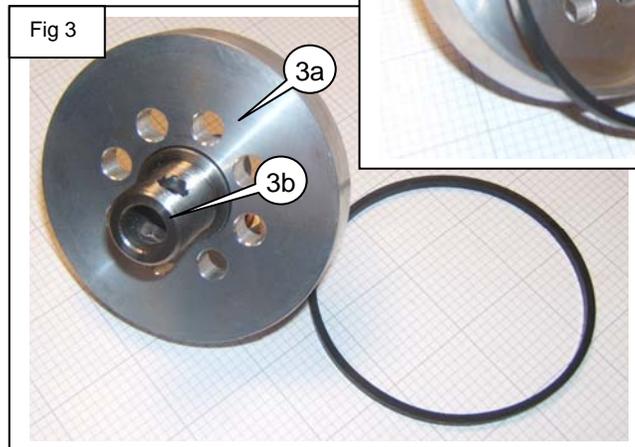
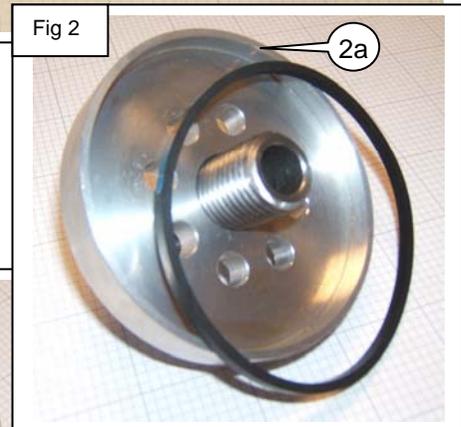
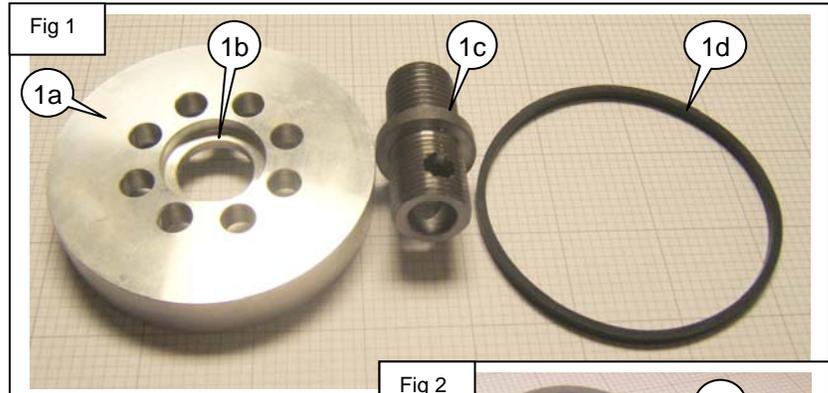
7
8 This adaptor plate is suitable for late
9 XPAG and XPEG engines, where the
10 oil filter canister is bolted directly to
11 the oil pump. The canister runs
12 horizontally next to the engine.

13
14 The aluminum adaptor plate (1a) has a
15 recess (1b) machined on the "oil filter
16 side" for the collar on the threaded
17 adaptor (1c).

18 The surface of the plate on the oil filter
19 side is machined flat to provide a good
20 sealing surface for the rubber seal on
21 the oil filter itself.

22
23 There is a ridge (2a) on the "block side"
24 of the plate. This ridge will fit into the
25 groove in the oil filter head,
26 compressing the o-ring (1d).

27
28 The threaded adaptor (1c) is machined
29 from 1" stock, and the major diameter
30 of the threaded sections is 0.75". It has
31 12 threads per inch (TPI) on the block
32 side, and 16 TPI on the oil filter side.
33 There is also a hole drilled through the
34 tube (3b) on the oil filter side. You will
35 be inserting a 5/16" steel rod or a stout
36 screwdriver through this hole to tighten
37 the adaptor in the block.



38 **Filters**

39 Moss carries three spin-on oil filters for this adaptor. We recommend the K&N.

40 **235-880 FRAM (good)**

41 **235-855 WIX (better)**

42 **235-830 K&N (best).**

43 **Please see the next two pages for Installation instructions**

44 **Installation Instructions**

45 *As with any project, read this document through completely before you pick up a tool.*

46

47 **Place the car on jack stands and verify that it is completely stable before you begin.**

48

- 49 • Place an oil drain pan under the filter assembly. *Some oil will leak out as you remove and install the*
- 50 *spin-on adaptor components.*

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

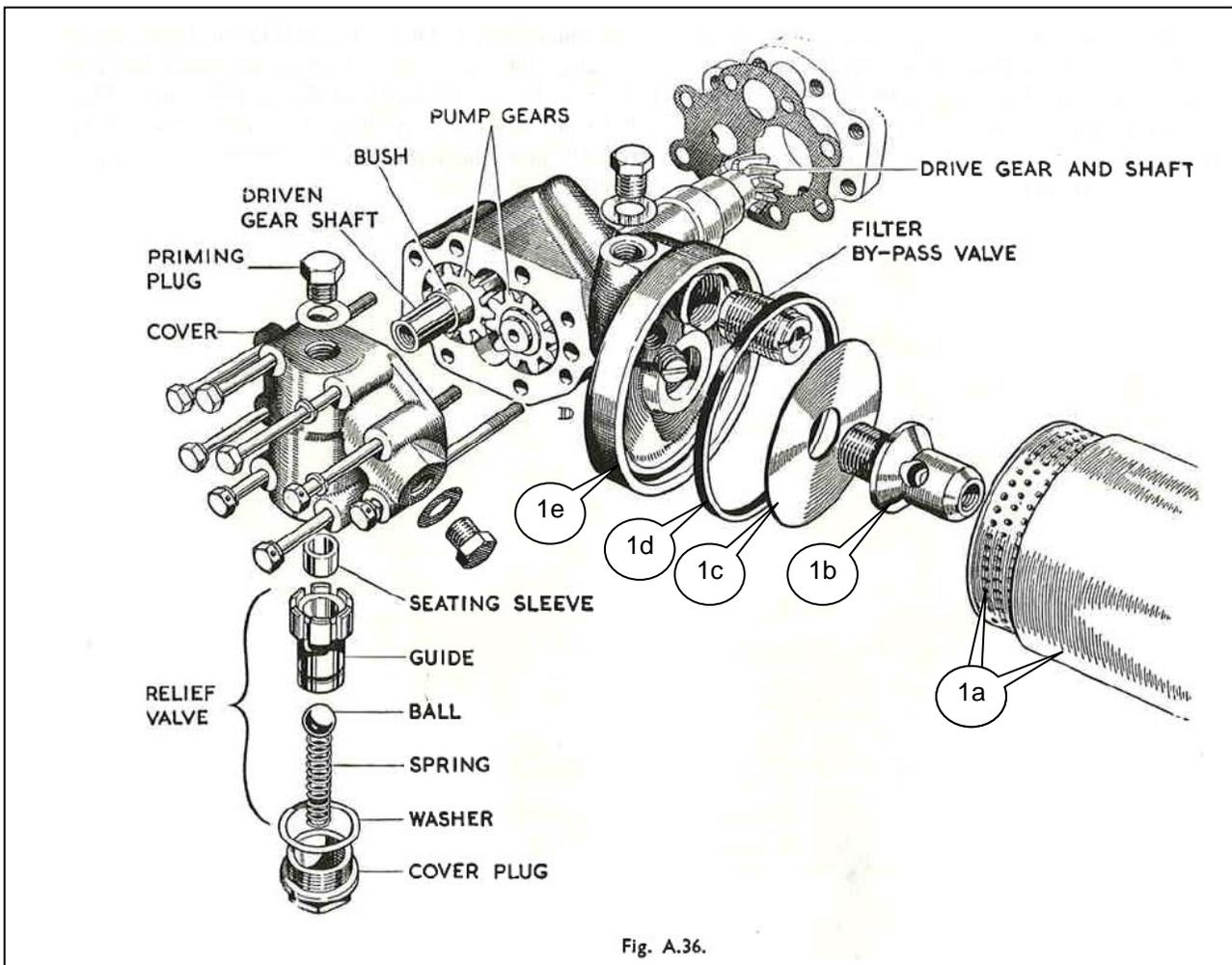
80

81

82

83

84



- 85 • Locate the bolt that runs through the end of the oil filter canister.
- 86 • Unscrew the bolt and remove the oil filter canister and filter element (1a)
- 87 • Locate the 5/16" hole in the side of the existing threaded adaptor. (1b)
- 88 • Insert the shaft of a large Phillips screwdriver or a suitably sized metal rod through this hole and
- 89 unscrew the threaded adaptor counter-clockwise.
- 90 • There is a thin metal plate (1c) behind the threaded adaptor. If it did not come off with the threaded
- 91 adaptor, remove it now.
- 92 • Inspect the outer groove in the oil filter head (1e). *Unless it came out with the canister, there is a square*
- 93 *cross-sectioned o-ring in there.*
- 94 • Remove o-ring seal (1d) from the outer groove in the filter head.
- 95 • Scrape this groove clean with a small screwdriver blade. Remove all traces of rubber and grease
- 96 residue from this groove. *Visually inspect the groove carefully to make certain there is NOTHING in this*
- 97 *groove before you install the new o-ring seal (1d). What we are really concerned about are the bits and*

98 *pieces of totally compacted and petrified o-rings down in the bottom of the groove. Use a flashlight.*
99 *Take your time. Time spent now will prevent an oil leak later.*

100 • Carefully place the new o-ring seal in the groove, and press it down into the bottom of the groove.

101

102 • Insert the threaded adaptor (4b) through the plate (4a) as shown.
103 *Note that the 5/16" hole through the threaded adaptor (4c) must be*
104 *on the filter side of the plate as shown or you will not be able to*
105 *tighten the threaded adaptor.*

106

107 • Install the aluminum adaptor plate (4a), The RAISED RIDGE (2a)
108 will fit into the groove in the oil filter head where it will come in
109 contact with the o-ring seal we just installed.

110

111 • Start the threaded adaptor (4b) by hand.

112 • Insert a stout Phillips screwdriver or a suitably sized metal rod
113 through the hole (4c).

114 • Tighten the threaded adaptor securely.

115 • Coat the sealing ring on the new spin-on oil filter with clean engine
116 oil. Follow the manufacturer's instructions regarding tightening the
117 filter. Immediately after starting the engine, inspect for any sign of
118 leaks.

119

120 We recommend that you change your oil every 3,000 miles or every 6 months

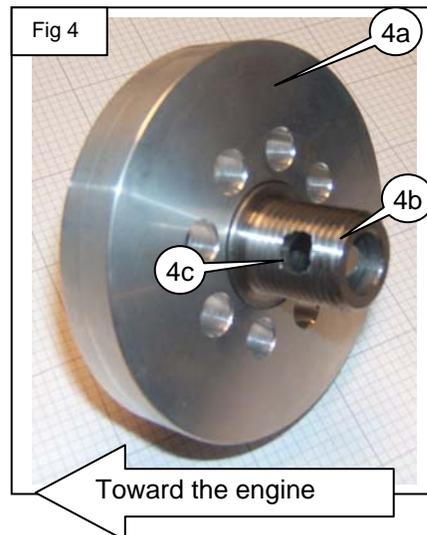
121

122

123

124

125



Although every effort has been made to ensure the accuracy and clarity of this information, errors and/or omissions on our part are almost inevitable. Any suggestions that you may have that will improve the information (especially detailed installation notes) are welcome. Please use the simple email form on the "Contact Us" page on the Moss website: <http://www.mossmotors.com/AboutMoss/ContactUs.aspx> If you prefer, you may call our Technical Services Department at 805-681-3411. So many people call us for help that we are often not able to answer the calls as fast as we'd like, and you may be asked to leave a message. We apologize in advance for the inconvenience. We will get back to you within 2 business days.



Moss Motors, Ltd.

440 Rutherford Street, Goleta, California 93117
In the US & Canada Toll Free (800) 667-7872 FAX (805) 692-2510 (805) 681-3400

Moss Europe Ltd.

Hampton Farm Industrial Estate, Hampton Road West, Hanworth Middlesex, TW13 6DB
In the UK: 020-8867-2020 FAX:- 020-8867-2030

Instruction Sheet 235-865_980-064 June 2000, Revised November 2007