

Chapter 3 Oil Filters & Related Components

Oil Filters

BSA/Triumph

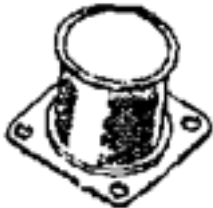
B25 (1971 on)
Part no. **99-1179**

T150/A75
Part no. **70-6571**



650/750 (1971 on twins)
Part no. **83-4783**

*Gauze filter for oil sump in frame



This is the later, improved, filter which was fitted to the 1973 onwards machines. The earlier filters had a hole in the top and the oil feed to the motor was taken from a tube on the lower side of the frame. The later bikes used this filter which does not have the hole. The side feed has to be closed off and the later sump plate, which incorporates the feed and a drain plug should be installed. The original style filter can still be purchased to special order.

Later Style

Sump Plate
Part no. **71-7584**

Drain Plug
Part no. **21-1872**

O Ring for Plug
Part no. **37-3761**

Special Tri-Cor Filter Kits

Mount unobtrusively on frame and give appearance of being original parts rather than add ons, acceptable to fit most bikes.

1963-70 Triumph Twins
Part no. **RS009**

For oil in frame Triumph & BSA Twins
Part no. **RS024**

Type using B25 cartridge type filter – replaces gauze filter in oil-in-frame bikes
Part no. **RS004**



Matchless & AJS

Singles and Twins 1936-55
(fits in oil tank)
Part no. **00-0796**

Norton Commando

Economy Element
Part no. **06-3371E**

Genuine Element
Part no. **06-3371G**



Oil Filter Parts:

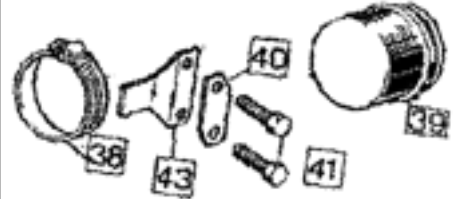
Triumph/BSA Triples

Alloy Cap for Filter
Part no. **71-1270**



Norton Commando

We stock all the individual components to install the Commando oil filter. This assembly can also be fitted in the return line of most other British machines



38. Screw Clip
Part no. **06-3369**

39. Filter Mounting Head
Part no. **06-3139**

40. Tab Washer
Part no. **06-3142**

41. Screw
Part no. **14-0114**

43. Retaining Strip
Part no. **06-3368**

Norton Commando Complete Genuine Kit

Oil filter kit with Herringbone hose
Part no. **06-4283**

Oil Line

Original Herringbone Type.
Sold by the Ft.

3/16"
Part no. **99-109**

1/4"
Part no. **99-110**

5/16"
Part no. **99-111**

3/8"
Part no. **C403**

7/16"
Part no. **PS175**

Oil Line (Continued)

Braided Oil Line. Similar in appearance to Herringbone. (sold in 6' lengths)

1/4"
Part no. **DS-096671**

5/16"
Part no. **DS-096672**

3/8"
Part no. **DS-096673**



Generic Black Oil Line Good Quality. Sold by the Ft.

5/16"
Part no. **SPE077**

3/8"
Part no. **SPE078**

Matchless & AJS Original Style Black 1/2" ID Oil Line
Part no. **00-0950 (Sold per ft)**

Sleeve to fit over 00-09850
Part no. **00-0951**

Chapter 4 Engine Parts

Valve Guides & Springs

Braided Oil Line. Similar in The items listed below are the original equipment and are made to the same standards. We also list superior quality **Norman Hyde** Products. Before installing the valve springs, it is recommended that their fitted length be carefully measured. After years of grinding and seat wear, the valves will often have sunk into their seats. This results in the springs being under insufficient tension and require shimming of the bottom collars to compensate. Design changes to the Triumph 650cc heads over the years also make it very important to check valve spring fitted lengths.

Triumph and BSA triples experienced quite severe tappet adjuster and valve stem wear with the early models and several design changes were made. The tappet adjuster "feet" were enlarged to spread the load over the whole of the top of the valve stem to eliminate localized wear. To accommodate these adjusters the length of the valves above the collets were reduced.

The final adjusters had captive ball bearings. We recommend the use of mushroom headed tappet adjusters - these are available in a short form for the earlier type "long" valves and a long form for the later "short" valves. If a choice has to be made, it is preferable in all motors to use the later short valves with long adjusters, as this provides better valve geometry

Valve Guides & Springs



Valves
(please also see Norman Hyde sets below)

BSA

B25 67-72, IN
Part No. **70-8112**

B25 67-72, EX
Part No. **68-0662**

A50 66-70, IN
Part No. **70-8112**

A50 66-70, EX
Part No. **68-0662**

A65 62-65, IN
Part No. **68-0156**

A65 66-72, IN
Part No. **68-0665**

A65 66-72, EX
Part No. **68-0663**

A75 69-72, IN
Part No. **70-6422**

A75 69-72, EX
Part No. **70-6423**

Norton (Matchless G15 same as Atlas)

Atlas & P11 64-68, IN
Part No. **06-7884**

Atlas & P11 64-68, EX
Part No. **06-7570**

Commando 68-75, IN
Part No. **06-4034**

Commando 68-75, EX
Part No. **06-5115**

Triumph
(For TR25W see BSA B25 above)

T100 59-66, IN
Part No. **70-4012**

T100 59-66, EX
Part No. **70-4013**

T100 67-74, EX
Part No. **70-6853**

T100 67-74, EX
Part No. **70-6854**

650/750 65 on, IN
Part No. **70-4603**

Twins 65 on, EX
Part No. **70-2904**

T150 69-72, IN
Part No. **70-6422**

T150 69-72, EX
Part No. **70-6423**

T150 73-76, IN
Part No. **71-3361**

T150 73-76, EX
Part No. **71-3362**