

STROMBERG

CONSTANT VACUUM CARBURETTER

FITTING INSTRUCTION SHEET

AUSTIN SEVEN 1959/63, MORRIS MINI MINOR 1959/63,
 RILEY ELF 1961/63, WOLSELEY HORNET 1961/62
 ONE 125 CD F.6003

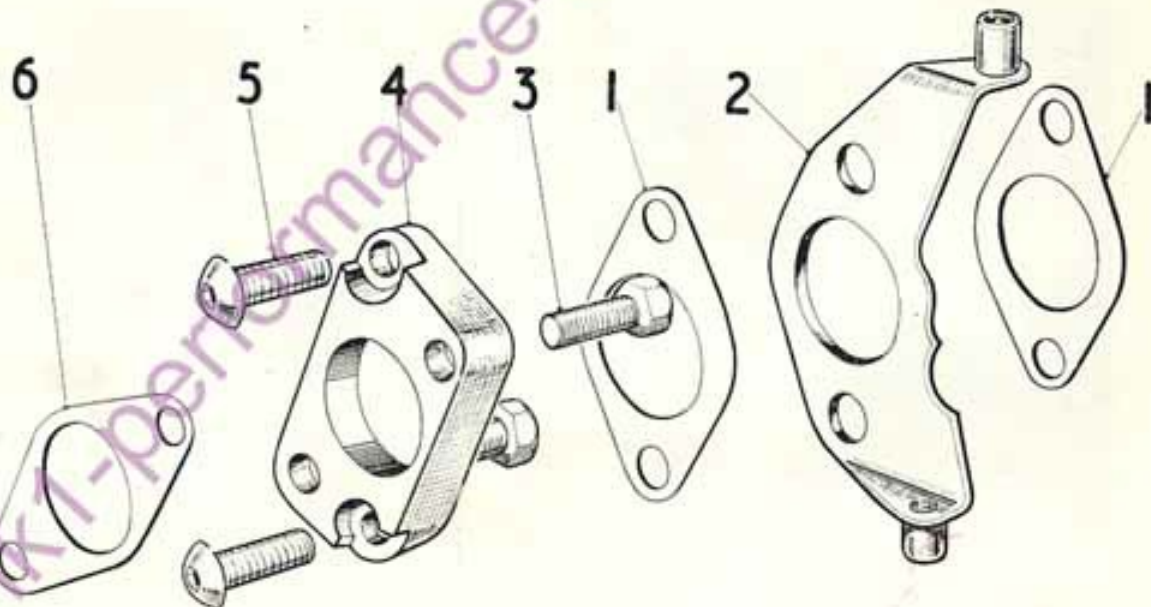
REMOVING EXISTING CARBURETTER

1. Disconnect oil breather pipe from air cleaner.
2. Remove the two bolts, securing aluminium air cleaner bend to carburetter, take off air cleaner and bend complete.
3. Disconnect vacuum advance pipe from carburetter.
4. Release Phillips screw of clip securing petrol pipe to carburetter and pull petrol pipe off.
5. Release nut locking throttle cable wire in throttle lever and withdraw cable from cable bracket.
6. Remove throttle return spring by unhooking from exhaust manifold clip and throttle lever.
7. Release choke wire from choke lever and withdraw wire from cable bracket.
8. Remove two nuts securing carburetter to manifold and take off carburetter, cable control bracket and distance piece.
9. Remove two carburetter studs from manifold by using the two carburetter nuts, locked together on each stud.
10. Remove existing choke control knob and cable by removing locknut behind dash panel and withdrawing.

FITTING CONVERSION OUTFIT

1. Assemble and fit manifold adapter supplied as follows (see diagram below):—
 - (a) Place two hexagon headed bolts No. 3 supplied, through adapter No. 4 so that heads of bolts are recessed into hexagon holes of adapter.
 - (b) Fit the larger gasket No. 6 supplied, over these bolts.
 - (c) Take cable control bracket No. 2, place one of the smaller gaskets No. 1 provided between bracket and manifold adapter and the other gasket No. 1 between cable bracket and manifold.
 - (d) Pass the two domed headed cap screws No. 5 through this assembly so that heads are recessed and with these screw-fit assembly to manifold, using a $\frac{1}{2}$ " hexagon wrench (Allen Key).

Note.—Original distance piece is **not** required.

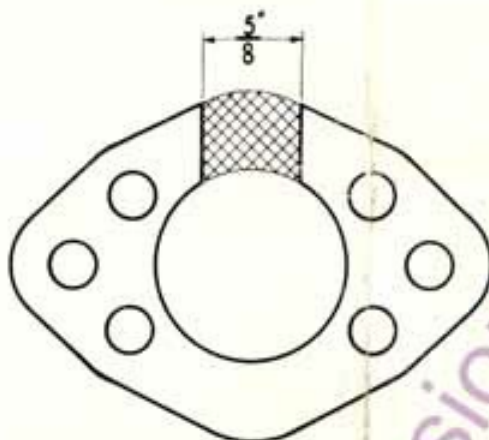


2. Fit 125 CD carburetter onto bolts protruding through manifold adapter, ensuring that the lower bolt does not slip out. Fit the two nuts provided, onto the bolts and tighten down carburetter evenly and securely.
3. Refit petrol pipe to carburetter and tighten clip with the Phillips screw.
4. Push vacuum advance pipe onto tube projecting from top of carburetter flange.
5. Pass throttle cable through cable bracket to stop for outer casing and thread inner wire through swivel in throttle lever. Clamp inner wire with swivel screw and check that throttle opens to the full extent when foot pedal is operated and that throttle returns positively to the normal slow-running position.

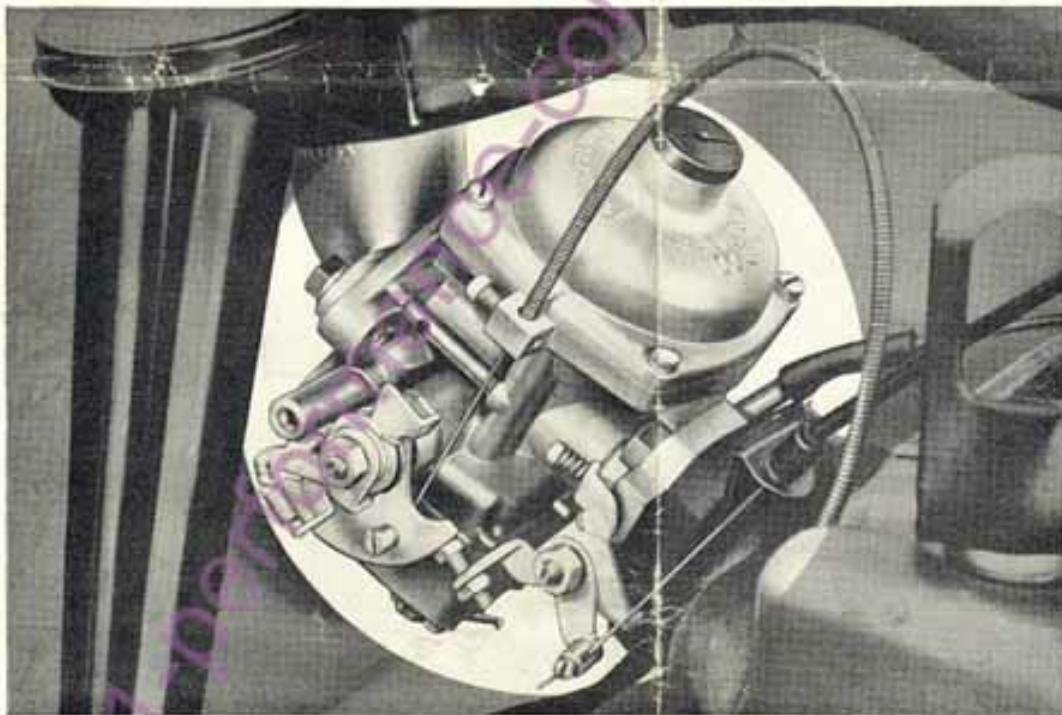
Note.—The carburetter incorporates a throttle return spring and no separate spring should be necessary.

Continued overleaf

6. Fit new choke control knob and wire by passing wire through hole in dash panel, threading on lock washer and nut and then through hole in bulk head. Pass cable under off side engine tie rod and down through hole at top of carburetter, to outer casing stop. Lock outer casing with screw at top of carburetter then pass inner wire through swivel in starter bar lever. Open dashboard control approximately $\frac{1}{4}$ " and tighten lock screw in starter bar swivel. Operate choke control knob to see that starter bar is rotated to the full extent. Release choke control knob fully to ensure the starter bar returns to the normal running position.
7. To obtain correct operation of carburetter, the original air cleaner flange gasket must either be discarded or modified. To modify, cut a piece $\frac{5}{8}$ " wide from the top as shown in the drawing below. Ensure this is fitted uppermost when air cleaner and bend are refitted.



8. Refit air cleaner and aluminium bend together, using the original bolts and spring washers. Reconnect oil breather pipe.
9. Fill damper with SAE20 oil as recommended in Service Bulletin SB.211 and replace cap.
10. Start engine and run until normal running temperature is reached. Adjust idle mixture and speed of slow-running as described in Service Bulletin SB.211 provided.



COMPLETED INSTALLATION

Items included in outfit :—

- | | |
|--|---------------------------------|
| 3 Flange Gaskets, 2 off 01036, 1 off B.17139.Z | 2 Nuts 02404 |
| 1 Flange Adapter 020820 | 2 Dome headed cap screws 020819 |
| 2 Hexagon headed screws 020818 | 1 Choke cable complete 020813 |
| | 1 Leaflet SB.211 |

Issued by THE ZENITH CARBURETTER CO. LTD.,
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