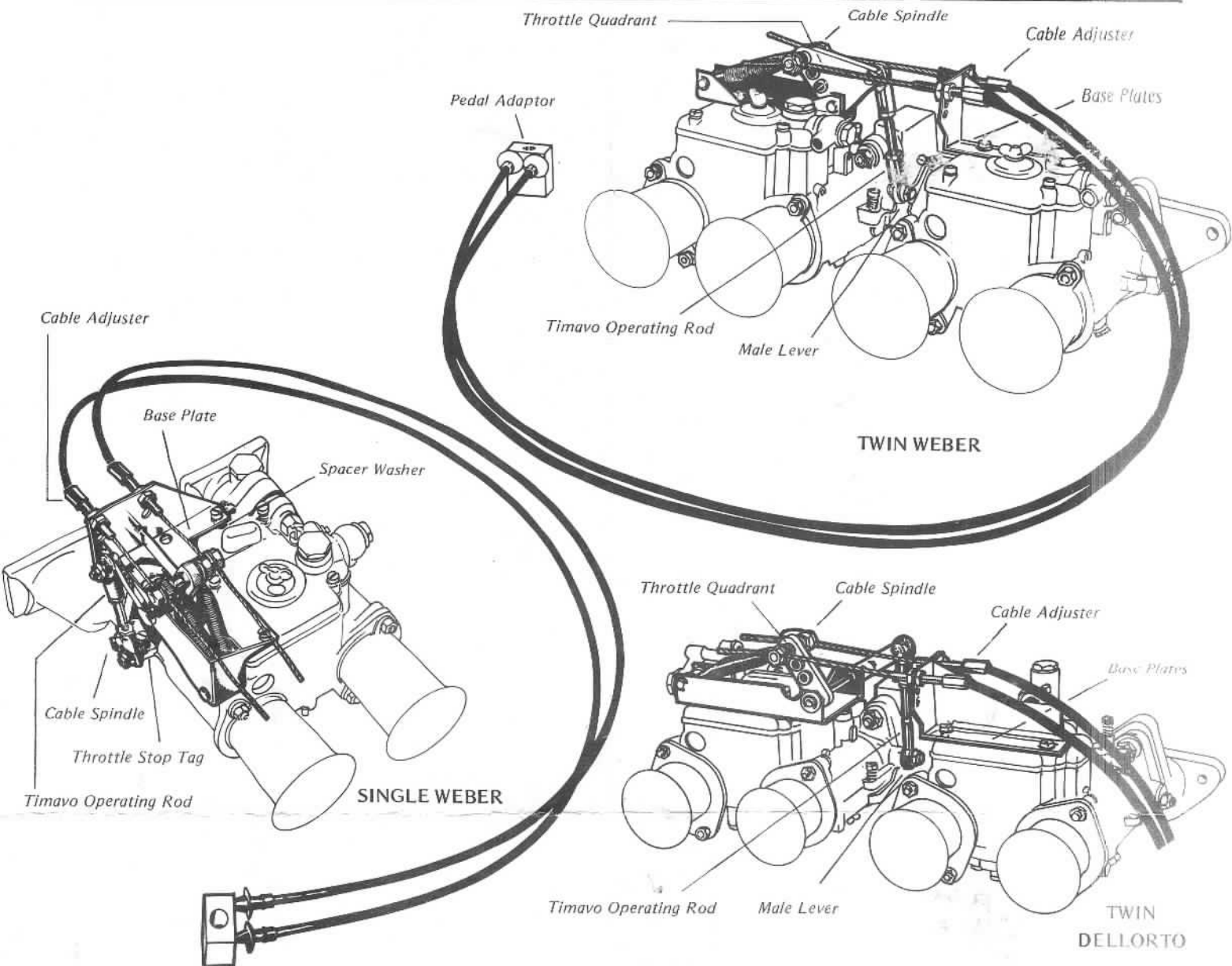


INSTRUCTIONS FOR FITTING TIMAYO TWIN CABLE THROTTLE LINKAGE



ALL MODELS

Before installation of the linkage is attempted please read the instructions through carefully and inspect car and plan your installation. It may be necessary to obtain assistance, particularly with regard to the fitting of the cable block to the throttle pedal. When you are satisfied that you are fully conversant with the job, please proceed in the following order.

TWIN WEBER OR DELLORTO CARBURETTERS

Mount the two linkage base plates onto the carburetters using the standard screws and the spacer washers provided to ensure that the bases are not distorted when fitted.

This system is designed to use the standard manufacturers' interconnecting linkage between the carburetters. The Timayo linkage fits to the 'male' lever which is generally fitted to most pairs of side draught carburetters. This lever should now be removed.

(a) If this lever is fitted with a 'ball' connection it will be necessary to file the back of this ball and then knock it out of the lever with a punch. It can then be refitted to the carburettor and is now ready to accept the bolt which passes through the rod end on the Timayo linkage.

(b) If you have 'Lotus' type interconnecting linkage with a large double loop on the 'male' lever the following procedure should be adopted.

Place the lever in a vice and saw off the second of these loops so that you are left with a single loop at the end of your lever. This should then be refitted to your carburettor and fitted to the Timayo linkage with the spacer which is provided to fit into this loop.

If your carburetters do not have interconnecting linkage fitted to them, we list the part numbers of the manufacturers' levers which are obtainable from your dealer.

Weber 'Lotus Linkage'	40/45 DCOE	48/50 DCOE
Female	45048.005	45041.147
Male	45048.007	45041.145

Dellorto 'Lotus Linkage'		
Female		8304
Male		8453

SINGLE WEBER CARBURETTER

Mount the linkage base plate on to the carburettor using the standard screws and the spacer washer provided under the screw nearest the choke housing to ensure that the base is not distorted when fitted.

Fit the replacement lever provided to the right hand side of the carburettor (with trumpets facing away from you). Ensure that full throttle is obtainable and also that the throttle closes completely. Any adjustment is obtained by bending the throttle stop tag on the new lever.

For 48 and 50 DCOE Carburetters ONLY, the following procedure should be adopted. The throttle stop tag should be sawn off the new lever and discarded. The spring retainer and the first distance bush should be removed from the shaft of the carburettor to expose sufficient thread to allow the replacement lever to be fitted. The new lever should then be fitted in their place and the return spring in the carburettor should then be hooked around the new lever.

To obtain a throttle stop the standard Weber lever should be retained on the other side of the carburettor. If your carburettor is not fitted with this part it is obtainable from a Weber dealer and is Part No. 45041.145.

Thereafter the same procedure is followed for all DCOE carburetters, as under:

Fit the Timayo operating arm to the carburettor lever and adjust so that full throttle can be obtained ensuring that the linkage cannot go over centre. When the correct position has been found tighten locking nuts securely.

FITTING CABLE BLOCK AND CABLES – ALL MODELS

Fit cable block to throttle pedal. This should be locked on the pedal operating rod with the grub screw and it is recommended that a flat is filed on the throttle pedal so that the cable block cannot slip round the pedal rod. In some instances it may be necessary to strengthen the throttle pedal by welding a support strut in place, or extend or shorten it to accommodate the cable block.

Fitting Cables. Drill two 5/16" holes through bulkhead 3/4" apart to line up with the cable block holes. Snap in the two plastic bulkhead fittings provided in the kit. Once fitted these cannot be removed. The outer cables should now be located in a smooth arc and into the cable adjusters on the mounting base of linkage. They may be shortened as required. Be sure to fit the cable ferrules provided over outer cables and locate into cable adjusters. From inside car pass the inner cable through the holes in the cable block and through plastic snap-in connectors and into outer cables. They should then be locked in place between the two pairs of nuts on the cable spindle which passes through the throttle quadrant. Care should be taken to ensure that the cables are both fitted evenly and are the same length from the cable block to the throttle spindle, otherwise an uneven pull will result. Fine adjustment is obtainable by means of the throttle cable adjusters. The outer cables should be located and supported at convenient places in the engine compartment ensuring smooth curves.

The system should now be checked for full throttle and smoothness of operation. When this has been completed the carburettors should be synchronised and adjusted.

VARIABLE RATIO THROTTLE LINKAGE QUADRANT

The Timavo linkage has a variable ratio throttle linkage quadrant. This adjustment is obtainable by fitting the cable spindle through one of the three holes provided. Experimenting with this adjustment will enable you to choose the throttle response that suits you best.

