

MONTAGE INSTRUCTION

VA80MGB conversion kit MGA/MGB

Fitting instructions

Dear customer,
this conversion kit retains the standard lever arm damper to act as an upper wishbone (the damper valve being removed)
With the car supported on stands and the front wheels removed, ensure that the rear wheels are also chocked to stop any movement whilst you will be working on the car.

Remove the four bolt retaining the lever arm unit and swing the unit upwards, this then allows the removal of the valve retainer bolt. Remove the valve and spring assembly and refit the retainer only some oil will be lost but do not try to drain the unit completely.



The telescopic dampers are installed on the rear of the suspension with the upper mounting plate (VA80 MGB-1LH / VA80MGB-1RH) fitted below the lever arm unit.

Fit the upper mounting plate that the new, mount plate is to the rear, using the new spring washers and bolts to re attach to the sub frame. Fit the nearest rear bolt first and then the rear most bolts with 4x Bolt 3/8" x 1 1/2" for MGA = 3/8" x 1 1/2" UNC coarse thread Bolt for MGB = 3/8" x 1 1/2" UNF fin thread Bolt
The front lever arm unit has two pairs of mounting holes outer and inner they are not semetrical.



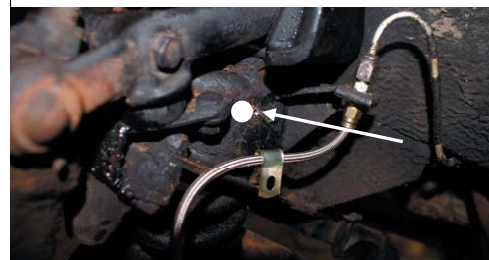
upper mounting plate

The lower pickup plate (VA80MGB-2) is fitted to the rear of lower wishbone arms



lower mounting plate

Remove the standard flexible brake pipe and replace with the new Aeroquip supplied, with the banjo fitment onto the calliper and with a half twist when completed.. This will give the right curve to the installation for easy retention to the sub-frame using the 'p`-clip supplied. Once both sides have been installed fully bleed brake system.



'p`-Clip brake hose

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With the brackets installed on the car the damper can now be fitted using the new upper pivot bolt through bracket rearwards, damper plain washer and nyloc nut. The lower fitment uses the plain washer and nyloc nut also.

Car MGA with disc brake:

1. The brake hose is to fit on top of the brake calliper (not as the OE on the bottom).
2. The top bleed screw you have to use to close the original brake hose hole on the brake calliper.
3. The brake hose securing plate. Please change from right to left and left to right and rework the cut out. (see picture)



MGA with disc brake Brake hos on top



MGB complete mounted

To ensure a minimum clearance of 12 mm between wheel and lower mounting plate the steering angle needs to be locked.



minimum clearence

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Remove gaiter from the steering rack.



Remove the lock nut and unscrew the track rod



Push the steering lock in outer position

Fit the new steering lock (VA80MGA/B-3) over the rack. Make sure that the lockscrew keeps it in the outer position.



lockscrew keeps steering lock in position

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Ensure all nuts and bolts are fully tightened and adequate clearance to all components especially the brake pipe, now try out your new MG and feel the lighter steering and improved ride. Use the car for ~ 50 miles then check out your installation and ensure all components are installed correctly.