

## MGBGTV8 restoration project

Since July 2016 I have been away from the UK for the majority of the time mainly in Japan Hong Kong and Singapore and I spent October visiting Peru as I mentioned in my last report, so the V8 restoration was put on hold. Peru was an amazing experience and I intend to return as even a month was not long enough to see anything other than the major tourist attractions.



**Now on with the rebuild**, to complete the road running gear and to get the car to the stage of being a rolling chassis I needed to finish the rear braking system. To achieve this, the rear disc brake conversion kit needed to be installed.

Before installing the brake system I decided to replace the bearings and oil seals. I purchased bearing kits that include these and a new split pin for the castellated hub nut.

After I had installed the half shafts along with the new bearings and oil seals, the next part of the installation was to install the caliper mounting brackets. These mount on three of the four hub bolts which would normally hold the backplate. I started by installing the half shafts, bearings, spacers, centralising cone and rear hub retainer in accordance with the workshop manual but omitting the backplate.



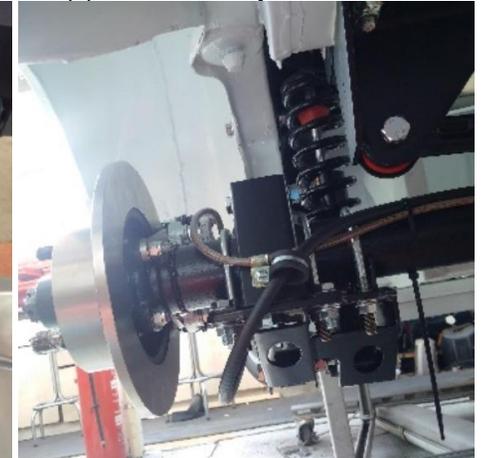
Two brake caliper mounting plates were then installed that replace the backplate.



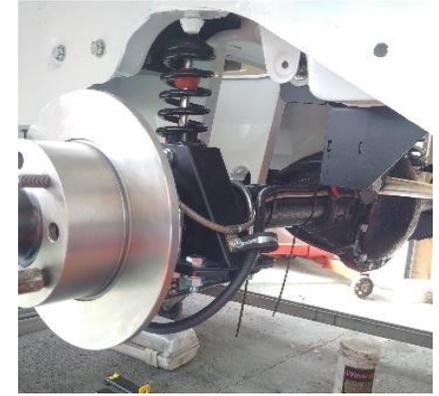
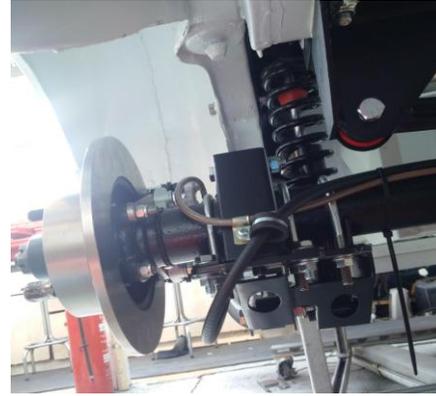
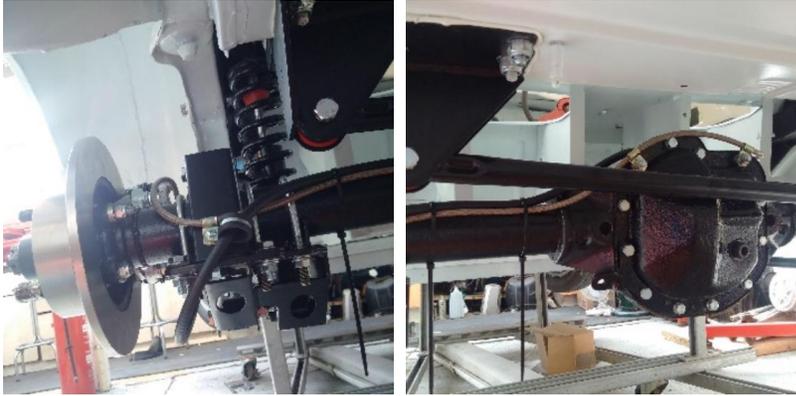
The next stage was to install and centralise the disks



After the discs, the hydraulic lines were installed across the axle to the three way T connector ensuring that they are clear of all moving parts of the suspension. Although not included in the kit I added P clips to hold the pipe more securely



## MGBGTV8 restoration project



Once the hydraulic lines were installed the hand brake cables were next. These required a bracket to be installed adjacent to the transmission tunnel.



As the master cylinder, interconnecting hydraulic pipes and hand brake lever has yet to be installed the system has not been set up or tested however it now allows me to put the car on the ground as a rolling chassis which I can move around for better access.



Again although not included in the kit I added P clips to ensure that the brake cable could not be snagged by anything while driving. These were a loose fit to allow the cable to float as the hand brake is operated.

