

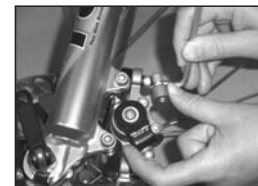
# **QUAD QMD-6 DISC BRAKE SYSTEM**

## **CALIPER SET-UP & ADJUSTMENT**

- 1/ The caliper is mounted on an adapter bracket for I.S. Mounts. Screw this bracket to the mounts on the frame or forks tightly. Fig (1).
- 2/ Lift the lever arm approximately 10 degrees and push the caliper towards the rotor. Holding this position, tighten the caliper screws Fig.(2). Thread the cable through the adjuster cable support and through the cable anchor on the lever arm. Again lift the lever arm approximately 10 degrees and screw the cable anchor bolt very tight. Fig. (3). Ensure that the cable ferrules are well seated in the brake lever and cable support adjuster.
- 3/ Adjust the rear index wheel clockwise whilst testing the degree of brake lever travel. This should be set to your requirements but it is recommended that the brake lever blade should pull back more than half way. Fig. (4)
- 4/ Finer adjustment can be achieved by either stackening off the cable on the lever arm and moving the higher or lower and/or by adjusting the index wheel on the rear of the caliper inwards or outwards. Fig. (4)
- 5/ To compensate for pad wear check that the outside pad does not push the rotor over to the inside pad excessively. If so, slacken the screws and move the caliper body inwards and tighten the screws again. Adjust as in section 2/ above to the desired travel of the brake lever.



**(1)**



**(2)**



**(3)**



**(4)**



**(5)**



**(6)**

## **WHEN TO CHANGE THE PADS**

- 1/ When there is little or no more adjustment the pads should be changed or a metal on metal sound is heard when applying the brakes.

## **HOW TO CHANGE THE PADS**

- 1/ Remove the caliper from the frame or fork mounting lugs. Unscrew the rear adjuster wheel fully. With pliers, pull out the pads with the tab on the backing plate. Fig (5) Reinsert the new pads Fig. (6)
- 2/ Screw the caliper and bracket onto the frame / forks tightly and repeat the adjustments as in set-up.

## **MAINTENANCE**

- 1/ Every 120 miles (200km) or so, inspect all parts of the brake system including frame, forks, cables, mounting screws etc. Look for wear and tightness, cracked or missing parts and replace.
- 2/ Check the caliper & rotor screws are tight and that the cable housings don't snag frame parts.
- 3/ Check disc rotor for deep scouring, grooves or surface damage and that they are running true (0.25mm flutter is allowable), if bent replace.
- 4/ Clean the disc rotor with rubbing alcohol to remove deposits and road film.