



Radlok Faults Illustrator



Normal Assembled white plate with no faults – Reset position



Normal Assembled white plate with no faults – Triggered position



Fault 1

Z spring not located in correct position on white plate. This results in non resetting of Radlok as no pressure is applied onto the actuator



Fault 2

Z spring not located in correct position on white plate. This results in non resetting of Radlok as no pressure is applied onto the actuator.



Fault 3

Anti vibration rocker out of position on top of actuator. Resulting in freezing the actuator in position and not allowing resetting of the unit.



Fault 4

Brake lock out of position sticking actuator out of position allowing no resetting of Radlok.



Fault 5

Actuator out of position resulting in the z spring and brake lock to stick underneath. Result in none setting Radlok.



Fault 6

Brake lock and top spring out of position sticking actuator out of position. Resulting in non resetting Radlok.



Fault 7

Actuator pivot pin missing allowing actuator to move freely. Resulting in non resetting of Radlok.



Fault 8

Spindle for the locating drop latch is broken. Unit will not reset as drop latch will move out of position and not be held on the snail cam.



Fault 9

Leg on snail cam broken. Unit will not reset as the snail cam will not come in contact with the drop latch.



Fault 10

Pin from drop latch broken. This will allow the brake foot to pass the Radlok and therefore not reset.



Fault 11

Radlok can't be reset and brake foot will not return to the top of the fork. This is due to the Radlok being reset without lifting the brake foot.



Fault 12

The Radlok gives the appearance of self triggering. This is due to sufficient space between the wheel and the Radlok resulting in the brake foot being able to bypass the drop latch.