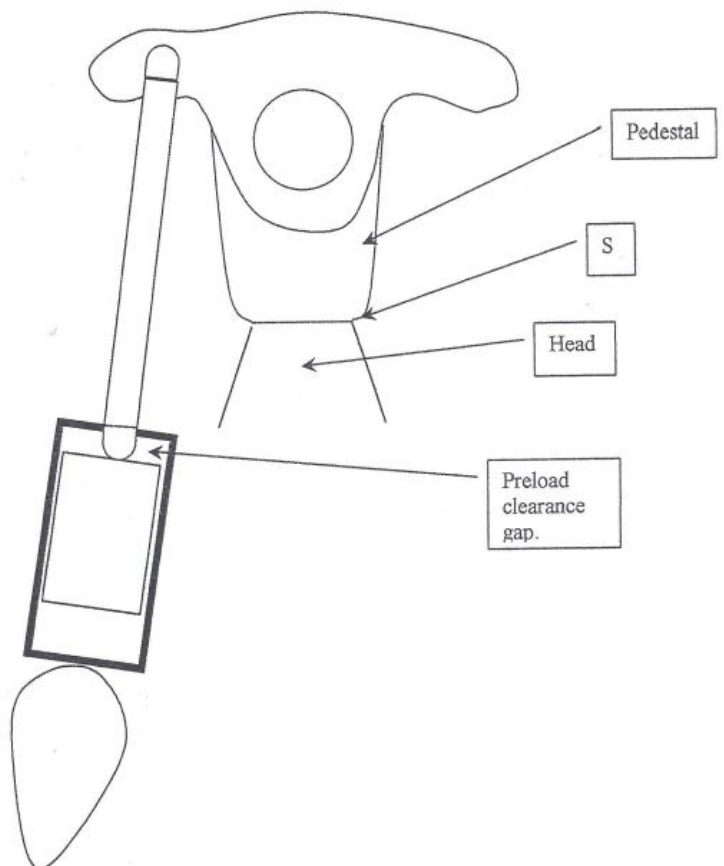


TAPPET HYDRAULIC

Land Rover Defender, Discovery 1, 2, Series 3, Range Rover Classic, P38, Triumph TR8, Rover SD1, Rover V8 and MGB

Part Number: ERC4949

The clearance between the inside of the lifter lip and top of the inner hydraulic shim should be set between 0.020" and 0.060". It is important to note that the lifters should be empty of oil when checking the preload. To achieve this, it is necessary to leave the rocker pedestal bolts relatively loose and manually turn the engine over a few turns, tighten a little more... and repeat until the pedestal bolts are tight. If the preload is too great, the pedestals will need to be shimmed (at point S) to gain the required clearance. Check each of the 16 followers individually at the point where the camshaft lobe is 180° opposed to its highest point as shown. Remember that the rocker ratio is 1.6 to 1 and therefore a 0.030" shim will cause an increase in preload of 0.048". All shims should be the same thickness to avoid uneven strain and wear on the rocker shafts.



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