

BRITISH BOY SCOUT & BRITISH GIRL SCOUT ASSOCIATION

SENIOR SCOUT 'MECHANIC' BADGE

SENIOR'S NAME :

SENIOR'S PATROL :

| TESTS | (Corresponding badge for under 15 ~ None). | PASSED | EXAMINER | DATE |
|--|---|--------|----------|------|
| 1 | Demonstrate that they understand the working of the internal combustion engine and knows the names and functions of all the principal parts ~ clutch, gearbox and rear axle differential. | | | |
| 2 | Demonstrate :- (a) Checking and refilling the windscreen wash bottle; (b) How to change a bulb to front and rear light cluster; (c) Checking the level of the water in the radiator, 'top up' the radiator and explain the importance of anti-freeze. (d) Show how to check tyre pressures and inflate a tyre correctly; (e) Remove and replace a road wheel; (f) Show how to change a wiper blade; (g) Check, clean and adjust a sparking plug. | | | |
| 3 | Explain what to look for when checking that a tyre conforms to the legal requirements. Find out and explain why cross and radial ply tyres should not be mixed on the same axle. | | | |
| 4 | Explain the outline requirements for the MOT road test. | | | |
| <p><i>Note ~ although the above test requirements relate to a motor car, similarly tests could include motor cycles and motor scooters as acceptable for gaining the Mechanic badge.</i></p> | | | | |

BADGE PRESENTED