**BOX SERVICE LIST**

**THIS SERVICE: DATE ………………………. MILEAGE ……………….**

**Recent services at: Miles since last service ………………**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Odo** | **Miles since last service** | **Notes** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**C*heck new oil, paraffin & gasket goo before going to get petrol.*** Check mixture. Put spare can of petrol + Ethanolmate into tank. Run to Tesco to fill up with petrol + can. De-gunk engine on return. If not to Tesco, check mixture and then run engine hot.

**Change:** Engine oil. (SAE 20/50) Sump nut 5/8W (12 blue funnels full); Drain radiator (push lever rearwards, no need to remove number plate)

**Check:** Renew antifreeze & water level (9.5 pints/5.4 litres = 1.8 litres antifreeze)

Plugs (22thou. Champion 18mm D16) 22mm long socket (no extension)

Carburettor mixture (Zenith clockwise = richer; SU anti-clock = richer)

Compressions cold (see over)

Contact breaker (12thou) and condenser (Philips screw). Clean cap; oil pad & weights.

Remove distributor every other year and grease gear (checking for wear).

Poke through oil jets (3/16W with welding wire) ***Switch off power first!***

Timing (Strobe: 27o = 6 teeth)

Fan belt & clean fan. (1/8W)

Go over the engine with a spanner (1/4W) incl. engine mounting bolts (5/16W), carburettor nuts and petrol unions.

Check block/crankcase nuts (1/4W) sump nuts (mainly 3/16W) & gearbox drain plug (5/8W)

Tappets (cold: 6thou all). Remove carb first (3/16W) & petrol pipe (7/16W) Check block/crankcase nuts (1/4W) Top of petrol pump & clean filter (3/16W)

Clean out carburettor bowl (1/4W).

Gearbox level (5/8AF socket) SAE 40

Oil clutch release bearing & check gearbox cover nuts (3/16W)

Top up battery & clean terminals (both 1/4W)

Steering play (before greasing) – tighten king pin collets (1/4W)

Remove wheels (5/16W). Clean brake shoes & drums using 80-grit sandpaper, grease hubs

Grease Front axle (8), Steering box (SAE 140 oil), Fan pulley, Rear axle (2), Propshaft & Torque Tube (via inside car – halfway down tunnel)

Check steering box mounting nuts.

Suspension (clockwise stiffer Front: 2x 7/16W; Rear: LHS: 2x 5/16W; RHS: 5/16W + 9/16AF lock)

Sump + timing cover nuts (3/16W)

Tighten clutch cover nuts (1/4W open)

Torque tube anchorage (use Stilsons) and propshaft

Change rear axle oil (3/8W) 400ml SAE 140 & check all diff nuts (1/4W).***(Suck up oil into gun)***

Check petrol in-line filter (need a long ¼” bolt to block off petrol pipe)

Oil cross -shaft

Wash wheels whilst off car. Replace wheels.

Adjust brakes (& balance them) – adjust handbrake if necessary

Lightly oil locks, hinges, bonnet catches

Tyre pressures incl. spare

Spokes.

Clean dynamo commutator with meths when running. Clean starter motor commutator.

All the usual MOT bits & pieces! – lights/horn/steering. **Check wheel nuts**.

Clean inside of car for greasy finger marks

Tighten wing mirror, wash & polish car & sweep garage whilst car outside.

**Jobs done this service:**

**Jobs to do next service:**

* **NOTES ON TAPPETS**

Easier to remove carb and petrol pipe. Start at No.5 open and roll car backwards

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OPEN | 5 | 2 | 8 | 6 | 4 | 7 | 1 | 3 |
| ADJUST | 4 | 7 | 1 | 3 | 5 | 2 | 8 | 6 |

**COMPRESSIONS (COLD):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **1** | **2** | **3** | **4** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **BORES** |  |  |  |  |
| **Pistons +** |  |  |  |  |

**CAPACITIES:**  Rad: 5.1L incl. 1.8L antifreeze Gearbox: 850ml SAE40 gear oil

Fuel tank: 5gals/22.7L Rear axle 400ml SAE140