CHAPTER XII

Storage and Recommissioning of Cars

1.—After jacking up both rear wheels, as directed in (3), run engine gently for a few minutes with a gear engaged.

When engine is cold inject about two tablespoonfuls of engine oil through spark plug holes of each cylinder and turn crankshaft by hand a few times to distribute oil over cylinder walls.

2.—Crank engine over by hand once a week during storage. It must *not* be run under its own power.

3.—Jack up both axles to take all weight off tyres, using wood blocks or other suitable packing*. Do not deflate tyres, but cover up to exclude light.

4.—If the cooling system contains anti-freeze, do not drain.

If the original coolant has been replaced by plain water, and there is any danger of freezing, drain the system. Otherwise leave water in.

5.—Drain all fuel from main tank, rear strainer and carburetter.

6.—Clean all bright parts and lightly smear with vaseline.

(*Note.*—In the case of parts having untarnishable finish, such vaselining is both unnecessary and undesirable.)

7.—Wash down and polish coachwork, extend hood in the case of an open touring car, and cover the whole with a light dust sheet.

8.—The storage place should be dry, well ventilated, and preferably heated.

9.—Remove battery and properly charge from an external source. Give a subsequent freshening charge from an external source every four or five weeks.

If the storage period is likely to exceed three months, the engine crankcase and also the gearbox and rear axle should be drained and filled up to the correct level with a *pure mineral* oil, e.g. Vacuum "BB" or Wakefield's Aero "C". One of these oils should also be used for injecting into the cylinders under such circumstances.

* A jacking pad is provided on the centre of the front suspension "pan"

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Before putting the car into service again the following operations should be performed:—

1.—Drain engine crankcase and refill to correct level with *fresh* engine oil.

2.—Prime cylinders with engine oil.

3.—If previously drained, refill coolant system to correct level.

4.—If gearbox and rear axle have been filled up with a pure mineral oil, as directed for long period storage, drain and refill with correct oils.

5.—Run engine gently for a time after starting up.

6.—Remove and clean spark plugs.

Tanks should be completely drained when it is known that the car will be laid up for an appreciable period.

Owing to the fact that motor spirits undergo deterioration with time, thereafter causing them adversely to affect inlet valves and the moving parts of the carburetter, it is undesirable to keep fuel tanks half filled with fuel in a warm atmosphere such as a showroom or garage.