

## **Running-in (breaking-in) instructions for the "first" 900 miles**

**Engine is not lead-sealed**

It is of the utmost importance for the length of life, the safe driving and running economy of the car not to use the engine to its full capacity during the running in period of 900 miles.

During the running in period the following speeds are not to be exceeded. When driving longer distances use varying speeds and revolutions.

Mileage	Speed in m. p. h. in			
	1st gear	2nd gear	3rd gear	4th gear
up to 300 miles . . .	9	15	25	37
300 to 900 miles . . .	11	19	31	43
900 to 1200 miles . . .	can be gradually increased to maximum speed			

It is at all times harmful to rev up the engine when the car is stationary and this should be avoided. Take care also not to overstrain the engine at the lower engine speeds, and therefore change gear in good time.

It is of the **utmost importance** for the whole length of life and later smooth running of the engine as well as for the safe driving of the car to carry out the following maintenance work during the running in period:

After the first 30 to 60 miles	See that all wheel nuts are secure and if necessary tighten
After the first 300 miles	<ol style="list-style-type: none"> <li>1. Drain off oil from sump and replace with fresh oil</li> <li>2. Tighten up evenly the screws of the cylinder head (for sequence see page 29) and nuts of the intake and exhaust manifolds<sup>1</sup></li> <li>3. Check tension of fan belt, if necessary retighten</li> <li>4. Drain off cooling water, rinse out radiator and cooling water compartments, and refill with specially treated water<sup>2</sup> (page 11)</li> <li>5. Clean oil filter and see that housing is firmly attached</li> <li>6. Clean fuel antefilter, at chassis</li> <li>7. Bleed the brakes, if necessary adjust the brake shoes</li> </ol>
After the first 900 miles	<ol style="list-style-type: none"> <li>1. Drain off oil from sump and replace with fresh oil</li> <li>2. Clean oil filter element</li> <li>3. Tighten up evenly nuts of intake and exhaust manifolds</li> <li>4. Check valve clearance and if necessary adjust</li> <li>5. Check oil level in the injection pump and if necessary top up with oil</li> <li>6. Check tension of fan belt, if necessary retighten</li> <li>7. Drain off the oil in the gear box and in the rear axle casing and replace with fresh oil</li> <li>8. Bleed the brakes and if necessary adjust the brake shoes</li> <li>9. Tighten up the securing bolts of the shock absorbers</li> <li>10. Check the front wheel gather<sup>1</sup> (toe-in)</li> <li>11. Grease bonnet hinges, grease nipples of the door hinges, outside door handles at the rosette, hinges of the luggage boot</li> <li>12. Check the alignment of the headlamps</li> </ol>
After the first 1800 miles	Carry out the maintenance and lubrication scheme given on page 24

<sup>1</sup> Can only be carried out at one of our service stations.

<sup>2</sup> If an anti-freeze mixture was added at the time of delivery then this work need not be done until spring when the anti-freeze mixture is drained off.

The oil should always be changed immediately after a journey while the oil is still hot, so that all impurities that may still be present may be washed out with it.

It is, in general, important to watch the engine closely and to carry out the maintenance work as prescribed (see page 24) during the running in period. Sheets 1, 2 and 3 of your service book are specially provided for the running in period. You are therefore requested always to take in your car to the service station at the correct time.