

# LONGER LIFE TO YOUR FORD MOTOR

## SAFETY

## OILING

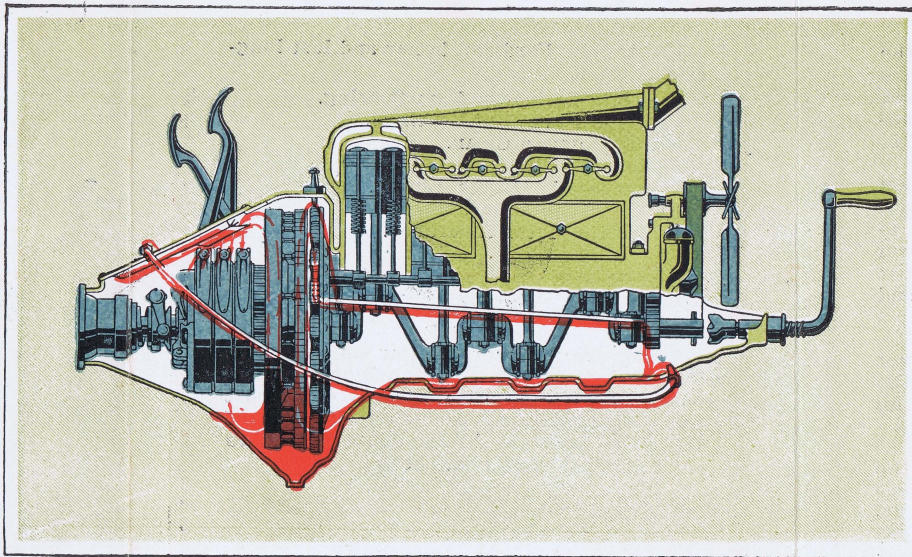
## SYSTEM

The Safety Oiling System consists of a specially constructed trap and pipe connection, the trap being placed over the transmission, the plate of the trap taking the place of the transmission plate. The pipe forms a connection between the oil trap and the forward part of the motor, at the crank case.

As the flywheel revolves, the oil is thrown off in splashes into the trap and is carried by the shovel arm of the trap to the transmission and brake lining, prolonging the life of the latter and eliminating all chattering by supplying the necessary oil to enable the lining to grip firmly.

The balance of the oil is forced through the S. O. S. pipe connection, at a sharp downward angle, around the outside of the motor, to the crank case at the timing gears, insuring sufficient lubrication to the bearings, cylinders and pistons.

By furnishing a positive supply of oil to the front of the motor, the S. O. S. prevents burnt-out bearings, scored cylinders and pistons, in addition to actually saving



gasoline by feeding oil to the cylinders, preventing them from becoming sufficiently enlarged to allow the gas mixture to escape.

This System does not depend upon gravity for its feed, but through the peculiar construction and position of the trap, the oil is actually pumped to the crank case, giving a positive feed to the timing gears, cylinders and pistons whether the machine is travelling up or down grade.

The Ford Splash System consists of a small 1" x 1/2" funnel cup, in the middle of the magneto, which catches the oil and feeds it through a 3/8" pipe, back through the middle of the motor to the timing gears. It depends upon gravity entirely for its feed.

## MEANS

## PERFECT

## LUBRICATION

Therefore when the car travels up grade, the outlet being higher than the inlet, the oil rests in the back part of the motor, leaving the bearings, cylinders and pistons with very little lubrication. When travelling down grade, the reverse is true, and the brake bands and transmission suffer for want of proper lubrication.

There is nothing to get out of order with the S. O. S. It has no movable parts and the force of the oil through the connection keeps it free from foreign particles that enter the oil. The steel teeth in the mouth of the trap catch particles of torn brake lining and other matter, acting as a filter.

The S. O. S. furnishes you, at a cost which is almost negligible, motor insurance, which will pay dividends many times over its cost. It reduces your motor repair bills to a minimum, keeps your machine out of the repair shop and gives you genuine pleasure and satisfaction in owning and operating a Ford.