

CHEVROLET 6 CYLINDER ENGINES
Splash and spray lubricated 3 main bearing 194 -
206 engines
Used from 1929 through 1936 - 8 years
Spray lubricated 4 main bearing 216 – 235 engines
Used from 1937 through 1953 - 17 years
Full pressure lubricated 4 main bearing 235 – 261 engines
Used from 1953 through 1963 - 11 years
Full pressure lubricated 7 main bearing 194 – 230 – 250 – 292 engines Used from 1962 through 1979 (much later on trucks) - 18 + years





**1953 full pressure lubricated 235 engine** Used in passenger cars with Powerglide transmission



## **1953 CHEVROLET ENGINES**

Spray lubricated 216

Light trucks, Sedan Deliveries

## Spray lubricated 235

Heavy Duty trucks Manual transmission passenger cars

**Pressure lubricated 235** 

Passenger cars with Powerglide transmission

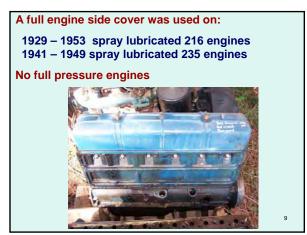
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The valve cover was held in place by 4 small screws at the base of the cover on:

No spray lubricated engines 1954 – 1963 all full pressure lubricated engines







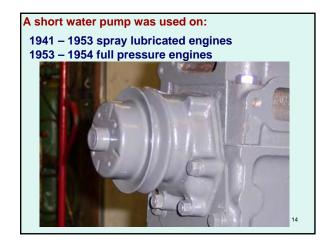
An oil distributor cover held in place by 3 screws is found on the driver's side of:

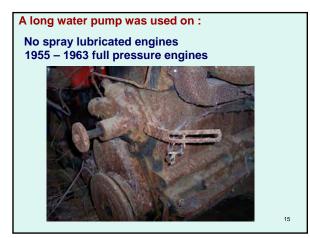
1940 – 1953 spray lubricated engines No full pressure engines









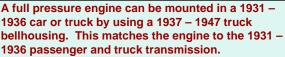


When a full pressure engine is mounted in a 1937 – 1953 Chevrolet truck, the standard 1932 – 1954 truck front mount can be used.

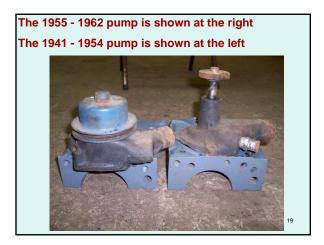


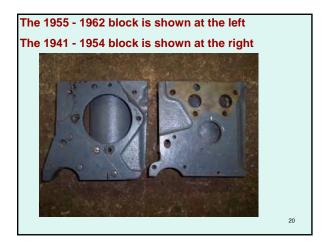
When a full pressure engine is mounted in a 1937 – 1951 passenger car, the standard 1935 – 1951 passenger front mounts can be used.

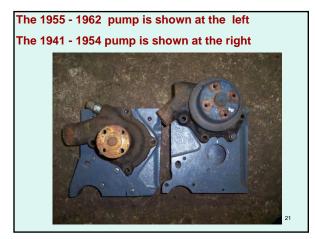


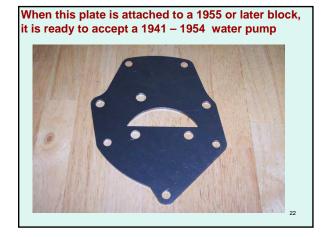


















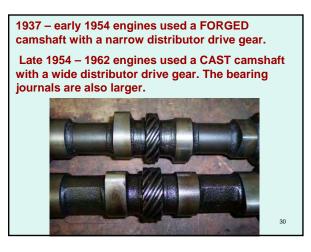






The flywheel must be matched to the STARTER to be used. For 6 volt systems, a 1942 - 1954 flywheel must be used.



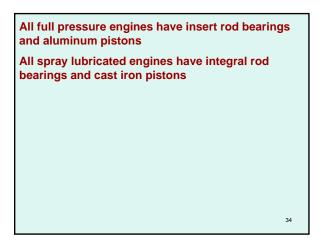


If a 216 distributor is used in a late 1954 – 1962 engine, the drive gear on the distributor should be matched to the camshaft because of the different material of which the camshaft is made. The gear on the distributor used with forged camshafts is very hard and can barely be scratched with a file. The gear used with cast camshafts can easily be scratched.









Except for the method of attaching the valve cover, all 1953 – 1962 235 heads are interchangeable. However the rocker arms must be matched to the BLOCK

In 1953 – 1958 engines, the flow of oil to the rocker arms is controlled in the block.

In 1959 – 1962 engines, the flow is controlled right at the rockers. These rockers are different from the ones used on 1953 – 1958 engines. Probably the two most common problems with 235 engines were inadequate or excessive lubrication of the rocker arms and noisy valve lifters.

These problems were eliminated in the 194 - 230 - 250 engines by eliminating the rocker arm shaft and by oiling the rockers through hollow pushrods. The oil entered the pushrods through holes in the lifter seat. This arrangement allowed air to escape from the valve lifters along with the oil, and noisy lifters were rarely encountered