

Engine Cylinder Block Configurations

Engine cylinder block configurations in automobiles could come in any of the three (3) forms:

- (i) Monolithic
- (ii) Dry liner
- (iii) Wet liner

(i)

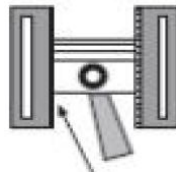


Fig. 1: Monolithic Engine Cylinder Block

Monolithic: As shown in Fig.1, this configuration is an integral type of engine block where the liner is absent.

(ii)

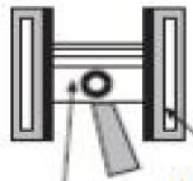


Fig. 2: Dry Liner Engine Cylinder Block

Dry liner: In this configuration, as shown in Fig. 2, the liners or sleeve do not have direct contact with the engine's coolant.

(iii)

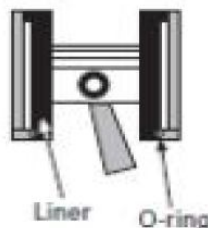


Fig. 3: Wet liner Engine Cylinder Block

Wet liner: In this configuration, as shown in Fig. 3, the liners have direct contact with the engine's coolant.