

Title (en)

Lifter oil manifold assembly for v-type engines

Title (de)

Ölverteilereinheit für Ventilstößel einer V-förmigen Brennkraftmaschine

Title (fr)

Collecteur de distribution d'huile pour poussoirs hydrauliques de moteur en V

Publication

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Application

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Priority

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Abstract (en)

A multiple-cylinder internal combustion engine including a lifter oil manifold assembly (LOMA) 100 positioned within the engine in an improved and beneficial manner is disclosed. In one embodiment, an engine includes an engine block 102 comprising a V-valley 112 in which the LOMA 100 is mounted such that longitudinal axes 106 of a plurality of solenoid control valves 108 therein are positioned essentially perpendicular to a vertical axis 110 centrally extending from an angle formed by the V-valley 112 of the engine block 102. In another embodiment, the V-valley 112 of such an engine includes both a LOMA 100 and a balance shaft 118.

IPC 8 full level

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