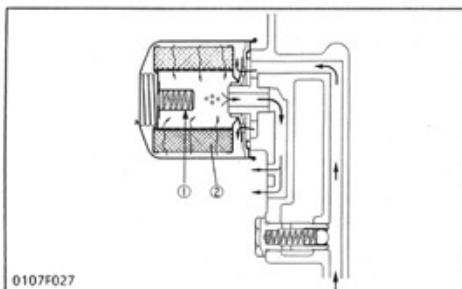


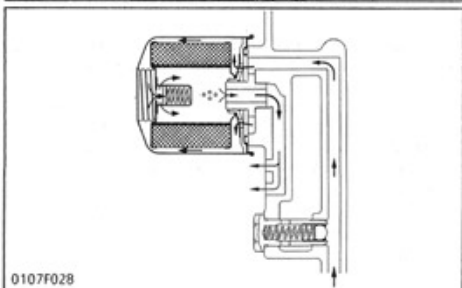
## [4] OIL FILTER CARTRIDGE



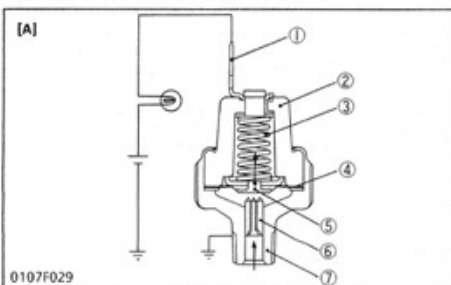
Impurities in engine oil can cause wear and seize components as well as impairing the physical and chemical properties of the oil itself. Impurities contained in force-fed engine oil are absorbed on the filter paper for removal as they pass through the filter element (2).

When the filter element is clogged and the oil pressure in inlet line builds up by 98 kPa (1.0 kgf/cm<sup>2</sup>, 14 psi) more than the outlet line, the bypass valve (1) opens and the oil flows from inlet to outlet bypassing the filter element.

- (1) Bypass Valve
- (2) Filter Element



## [5] OIL PRESSURE SWITCH



The oil pressure switch is mounted on the cylinder block, to warn the operator that the lubricating oil pressure is poor.

If the oil pressure falls below 49 kPa (0.5 kgf/cm<sup>2</sup>, 7 psi), the oil warning lamp will light up, warning the operator. In this case, stop the engine immediately and check the cause of pressure drop.

- [A] At Proper Oil Pressure
- [B] At Oil Pressures of 49 kPa (0.5 kgf/cm<sup>2</sup>, 7 psi) or Less

- (1) Terminal
- (2) Insulator
- (3) Spring
- (4) Diaphragm
- (5) Contact Rivet
- (6) Contact
- (7) Oil Switch Body

