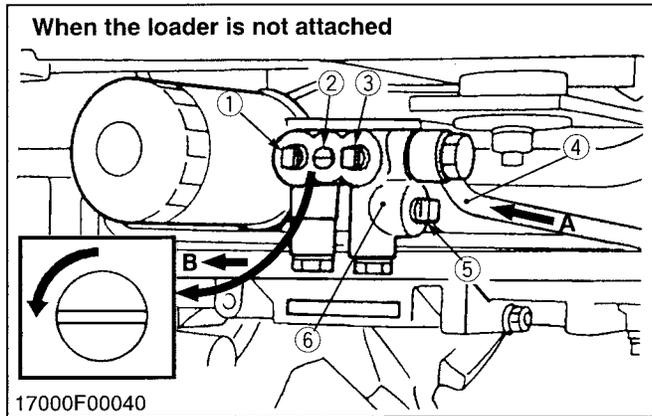


[3] HYDRAULIC BLOCK



■ When Front Loader Is Not Attached

1. Filtered oil is forced out by the hydraulic pump to the hydraulic block (6) through the delivery pipe (4).
2. When the front loader is not attached, oil from the hydraulic pump is delivered into the three point hydraulic system through the passage of the control screw (2).
3. The hydraulic block has a relief valve which restricts maximum in the hydraulic circuit. When the oil pressure rises above the set pressure and overcomes the spring force, the valve opens. Oil then flows out to the transmission case through the return pipe.

■ NOTE

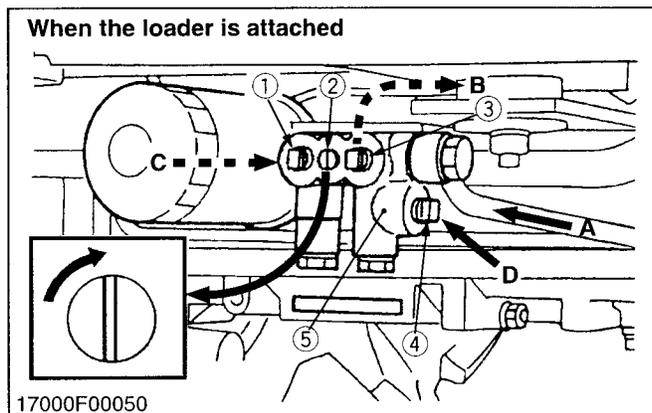
- When the front loader is not attached, turn the control screw (2) groove “Horizontal” position.

(Reference)

- Relief valve setting pressure : 16.2 to 17.2 MPa
165 to 175 kgf/cm²
2347 to 2489 psi
- Engine speed : Maximum
- Oil temperature : 40 to 60 °C
104 to 140 °F

- | | |
|---------------------|-------------------------------------|
| (1) Inlet Port | A : From Hydraulic Pump |
| (2) Control Screw | B : To Three Point Hydraulic System |
| (3) Outlet Port | |
| (4) Delivery Pipe | |
| (5) Tank Port | |
| (6) Hydraulic Block | |

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■ When Front Loader Is Attached

1. Oil from the hydraulic pump is delivered into the P port of the control valve of the front loader through the outlet port (3).
2. Oil returning from the PB port of the control valve is delivered into the three point hydraulic system through the inlet port (1).
3. Oil returning from the T port of the control valve is return to the transmission case through the tank port (4).

■ NOTE

- When the front loader is attached, turn the control screw (2) groove to “Vertical” position.

- | | |
|---------------------|---------------------------------|
| (1) Inlet Port | A : From Hydraulic Pump |
| (2) Control Screw | B : To Front Loader (P Port) |
| (3) Outlet Port | C : From Front Loader (PB Port) |
| (4) Tank Port | D : From Front Loader (T Port) |
| (5) Hydraulic Block | |

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