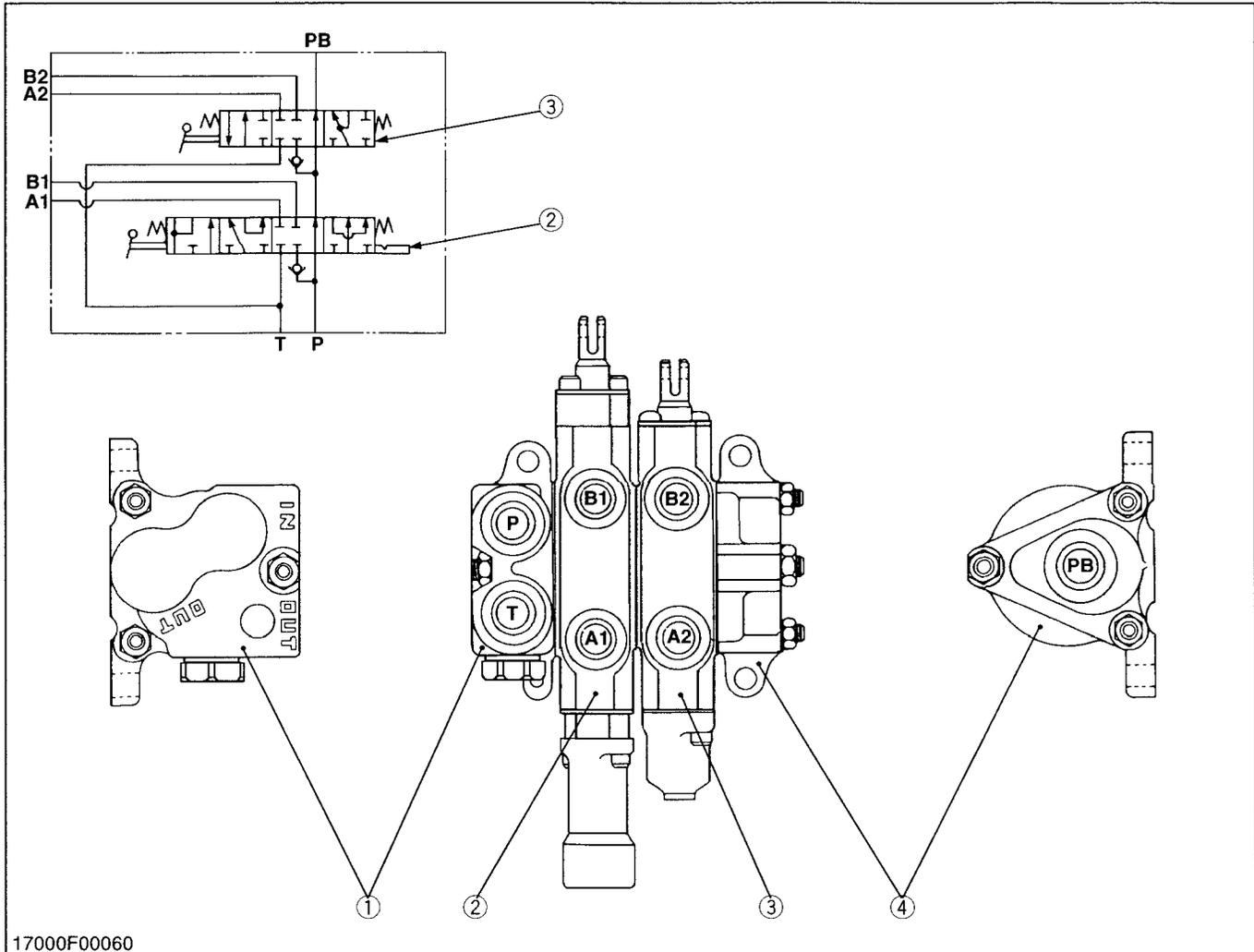


## [4] CONTROL VALVE ASSEMBLY

### (1) LA480 • LA680 (Standard Valve Type)



17000F00060

- |                          |                   |                     |                     |
|--------------------------|-------------------|---------------------|---------------------|
| (1) Inlet Section        | <b>P : P Port</b> | <b>A1 : A1 Port</b> | <b>B1 : B1 Port</b> |
| (2) Boom Control Valve   | <b>T : T Port</b> | <b>A2 : A2 Port</b> | <b>B2 : B2 Port</b> |
| (3) Bucket Control Valve |                   |                     | <b>PB : PB Port</b> |
| (4) Outlet Section       |                   |                     |                     |

The control valve assembly is composed of four major section as shown above.

#### (1) Inlet Section

This section has **P** and **T** ports.

The **P** port is connected to the **OUTLET** port of hydraulic block by the hydraulic hose.

The **T** port is connected to the **TANK** port of hydraulic block by the hydraulic hose.

#### (2) Boom Control Valve

The boom control valve is of 4-position, 6-connection, detent, spring center type, consisting of a valve housing, spool, load check valve, etc. This valve has **A1** and **B1** ports and controls oil flow to the boom cylinder.

#### (3) Bucket Control Valve

The bucket control valve is of 3-position, 6-connection, no detent, spring center type, consisting of a valve housing, spool, load check valve, etc. This valve has **A2** and **B2** ports and controls oil flow to the bucket cylinder.

#### (4) Outlet Section

This section has **PB** port which is connected to the **INLET** port of hydraulic block by the hydraulic hose, and feeds oil to the three point hydraulic control valve.

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