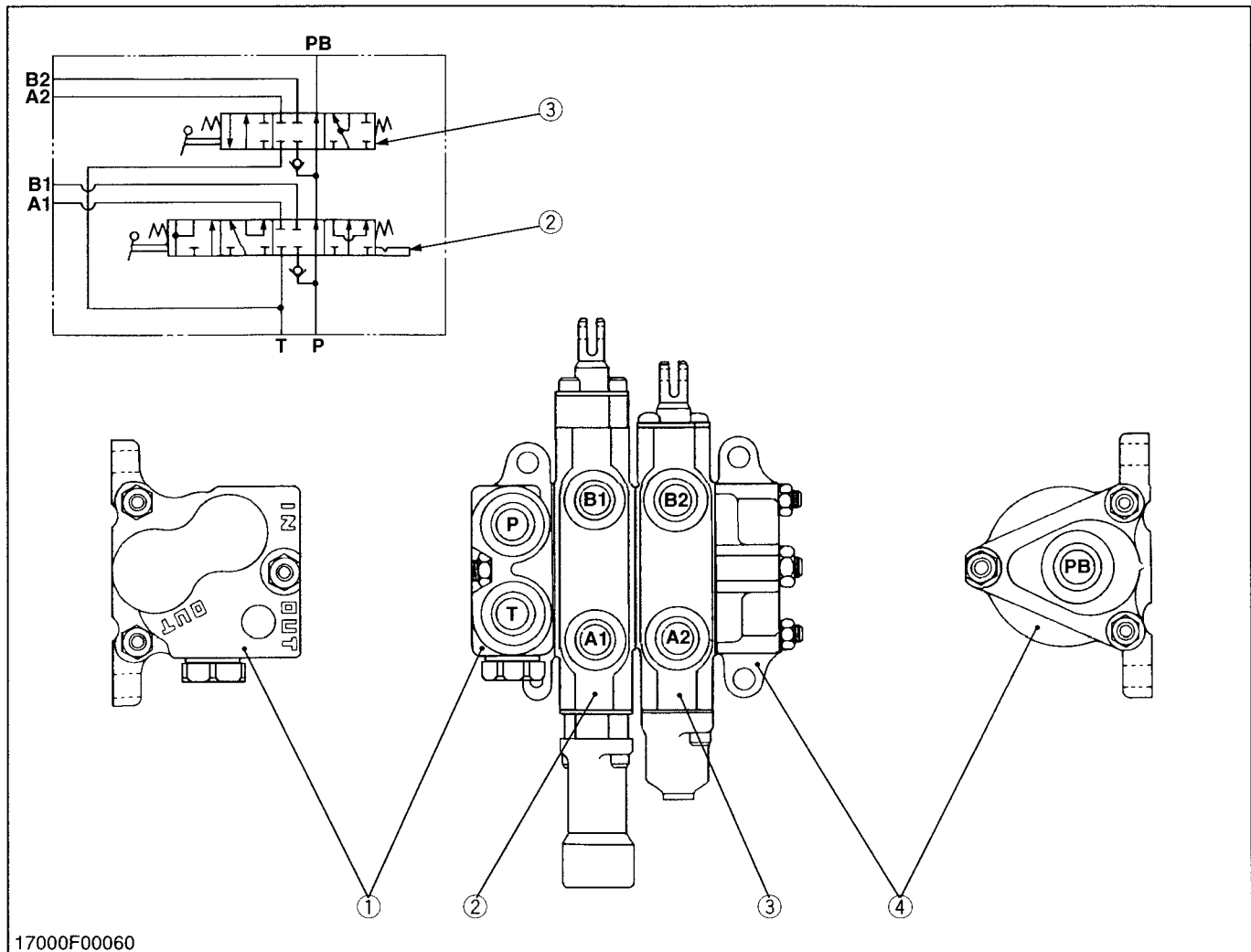


[4] CONTROL VALVE ASSEMBLY

(1) LA480 • LA680 (Standard Valve Type)



17000F00060

- (1) Inlet Section
 (2) Boom Control Valve
 (3) Bucket Control Valve
 (4) Outlet Section

P : P Port
T : T Port

A1 : A1 Port
A2 : A2 Port

B1 : B1 Port
B2 : B2 Port
PB : PB Port

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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