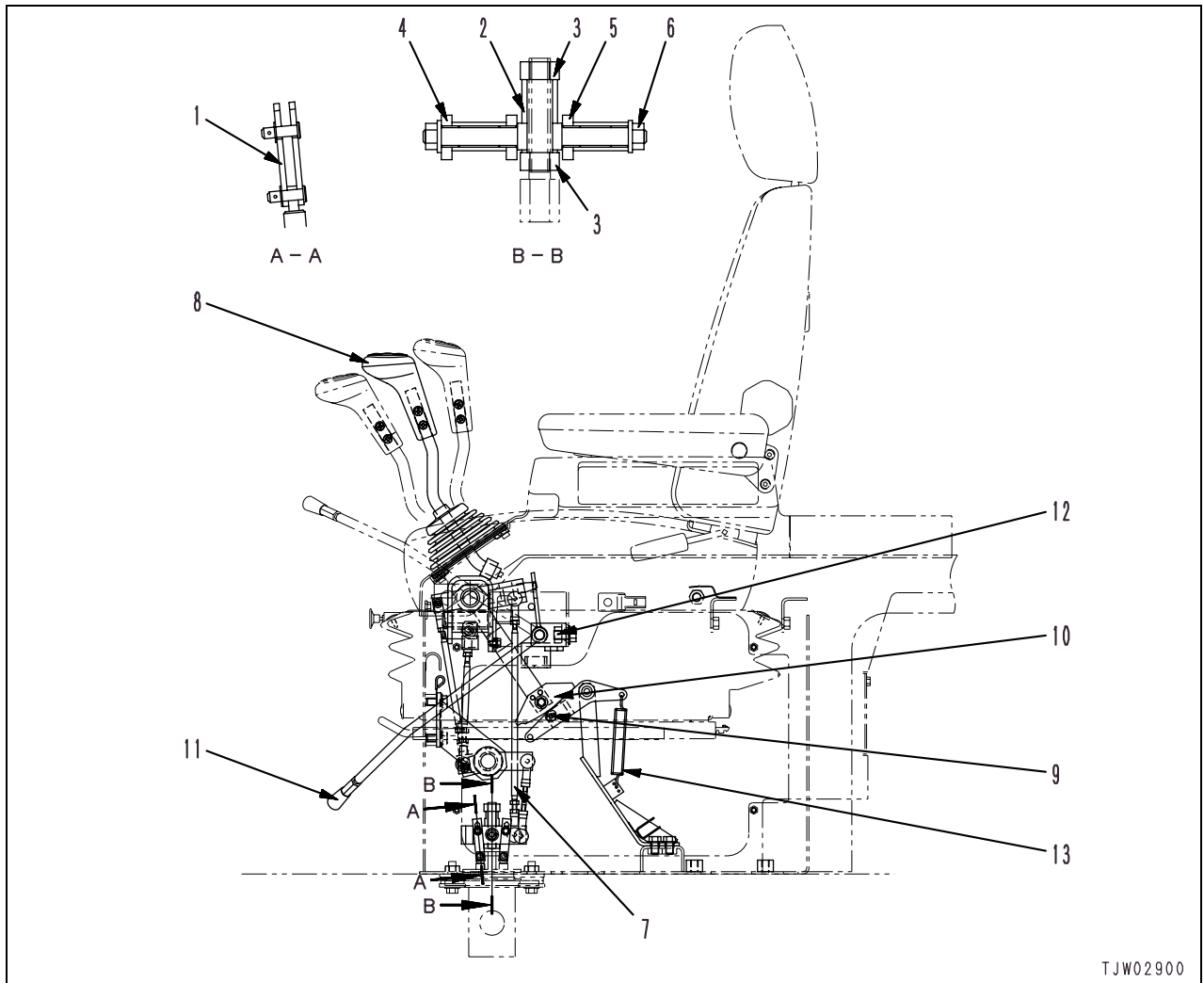



ADJUSTING WORK EQUIPMENT LEVER LINKAGE



TJW02900

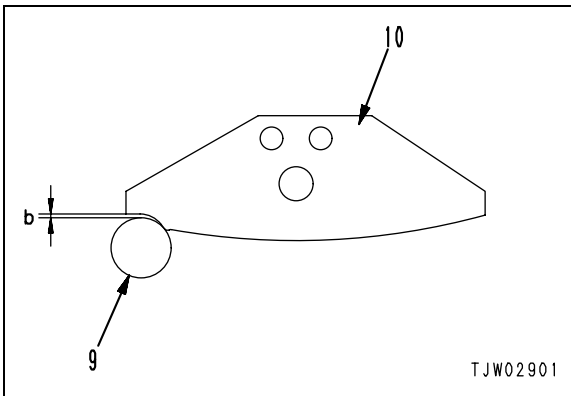
- ★ If the operating effort or travel of the work equipment lever is not within the standard value, or the work equipment lever or PPC valve have been removed, adjust as follows.
- ★ Carry out the adjustment with the engine stopped.
- ★ Check that the operating effort of the work equipment lever is within the standard value.
- ★ Remove the side cover at the bottom of the work equipment lever.

1. Adjusting PPC valve linkage

- 1) Install 2 sets of joint (1) to the PPC valve spool.
- 2) Install trunnion (2) to the center bolt of the PPC valve, then use 2 nuts (3) to adjust dimension **a** from the center of trunnion (2) to the top surface of the floor.
 - Dimension **a** (target value): 54 mm
- 3) Install levers (4), (5) to trunnion (2) and secure with nut (6).
 -  Bushing portion: **Grease (G2-LI)**

2. Adjusting rod

- 1) Connect rod (7).
- 2) Operate work equipment lever (8) to the LOWER position and adjust the length of rod (7) so that cam follower (9) enters the detent of cam (10) without any play at the detent.
 - Clearance **b**: 0 – 1 mm

**3. Adjusting lock lever**

- 1) Set work equipment lever (8) to the HOLD position.
- 2) Adjust the position of bracket (12) so that work equipment lever (8) is locked when lock lever (11) is operated to the LOCK position.

4. Adjusting release effort for work equipment lever

- 1) Temporarily assemble spring (13) to the 2nd hole from the top, then operate work equipment lever (8) to the FLOAT position.
- 2) Measure the effort needed to release work equipment lever (8) from the FLOAT position, and adjust the mounting hole of spring (13) so that it is the standard value.
 - ★ Measure the release effort with push-pull scale **J1**.
 - Standard release effort: 19.6 N {2 kg}
 - ★ Standard spring mounting hole: 2nd hole from top.

RELEASING REMAINING PRESSURE IN HYDRAULIC CIRCUIT**1. Releasing remaining pressure between each hydraulic cylinder and control valve**

- ★ If the piping between the hydraulic cylinder and the control valve is to be disconnected, release the remaining pressure from the circuit as follows.
 - 1) Stop the engine.
 - 2) Loosen the oil filler cap slowly to release the pressure inside the tank.
 - 3) Operate the control levers.
 - ★ When the levers are operated 2 – 3 times, the pressure stored in the PPC accumulator is removed. Start the engine, run at low idling for approx. 5 minutes, then stop the engine and operate the control levers.
 - ★ Repeat the above operation 2 – 3 times to release all the remaining pressure.

2. Releasing remaining pressure in brake accumulator circuit

- ★ If the piping between the accumulator and accumulator check valve, and between the accumulator and brake valve is to be disconnected, release the remaining pressure from the circuit as follows.
 - 1) Stop the engine.
 - 2) Depress the brake pedal at least 100 times to release the pressure inside the brake accumulator circuit.

3. Releasing remaining pressure PPC accumulator circuit

- ★ If the piping between the PPC accumulator and PPC valve is to be disconnected, release the remaining pressure from the circuit as follows.
 - Operate the control lever 2 – 3 times to release all the remaining pressure.

ADJUSTING SPEEDOMETER MODULE OF MAIN MONITOR

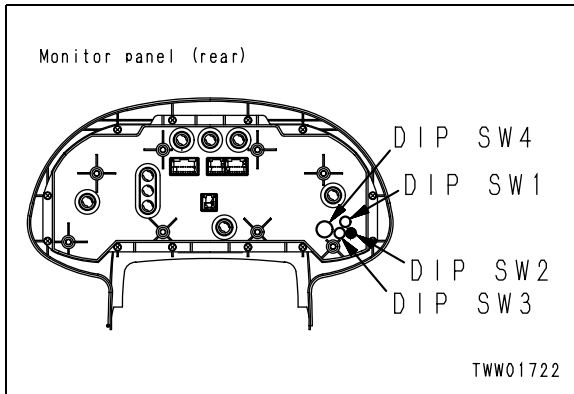
- The speedometer on the main monitor is a common part for all machines, and the input signal for the travel speed differs according to the machine, so it is necessary to adjust the monitor for use with the particular model.

ADJUSTMENT PROCEDURE

- Turn off the power, then remove the machine monitor and adjust the switches at the back of the speedometer.

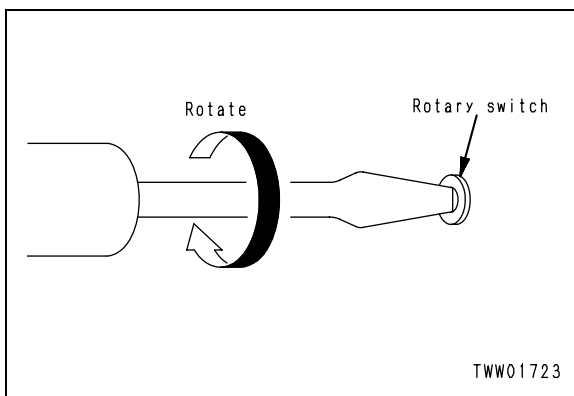
1. Setting machine model

- Remove the rubber caps from dipswitches 1, 2 and 3 at the back of the speedometer.



- When the rubber cap is removed, a rotary switch can be seen inside. Using a flat-headed screwdriver, turn this switch to adjust it to the settings in the table below.

Tire size	Switch 1 (model selection)	Switch 2 (speedometer correction)	Switch 3 (tachometer input selection)
45/65-45-46PR	0	7	0



- After completing adjustment, fit the rubber caps securely and install the main monitor.

Correction amount of switch 2 (for reference)

Switch position	0	1	2	3	4	5	6	7
Correction amount (%)	+14	+12	+10	+8	+6	+4	+2	0

Switch position	8	9	A	B	C	D	E	F
Correction amount (%)	0	-2	-4	-6	-8	-10	-12	-14

