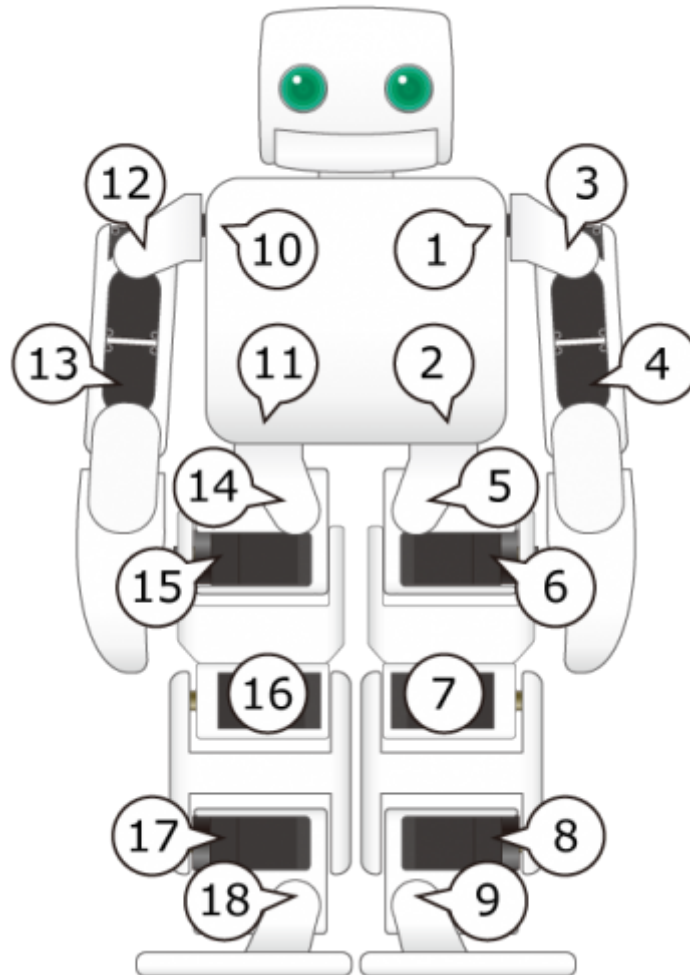


Joint No. Assignment

The distinction between left and right is defined as seen from the PLEN's back. Rotation axis is expressed by an arrow-shaped and this is subject to [the right-hand rule](#). "•" symbol means a vector from back to front. (as if this crosses your screen vertically.) "×" symbol means a negative vector of a vector described previously. (See also : [Frame of Reference of a Servo Motor](#))

(This is only available for just after PLEN was starting. If you rotated any parent joint, also child joints are rotating.)



No.	Name	Index (Old)	Index (New)	Rotation axis
1	Left Shoulder Pitch	18	0	←
2	Left Thigh Yaw	12	1	↑
3	Left Shoulder Roll	19	2	×
4	Left Elbow Roll	21	3	•
5	Left Thigh Roll	13	4	×
6	Left Thigh Pitch	14	5	←
7	Left Knee Pitch	15	6	←
8	Left Foot Pitch	17	7	→
9	Left Foot Roll	16	8	•
10	Right Shoulder Pitch	6	12	→
11	Right Thigh Yaw	0	13	↑

No.	Name	Index (Old)	Index (New)	Rotation axis
12	Right Shoulder Roll	7	14	×
13	Right Elbow Roll	9	15	•
14	Right Thigh Roll	1	16	×
15	Right Thigh Pitch	2	17	→
16	Right Knee Pitch	3	18	→
17	Right Foot Pitch	5	19	←
18	Right Foot Roll	4	20	•