

## ◆ Supplemental Instructions on Valve Adjustment ◆

Before adjusting the pneumatic cylinder valves, read the following instructions carefully.

These instructions are to be used in addition to the main instructions and do not supersede them.

### 【Valve Caps】

Transparent plastic caps are used to prevent the loosening of the adjustment valves\*<sup>1</sup> of the pneumatic cylinder. Take the caps off before adjusting the valves and **be sure to replace the caps when the adjustment is completed.**

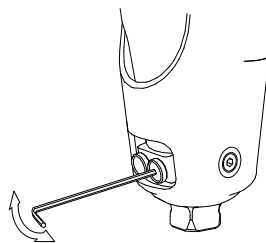
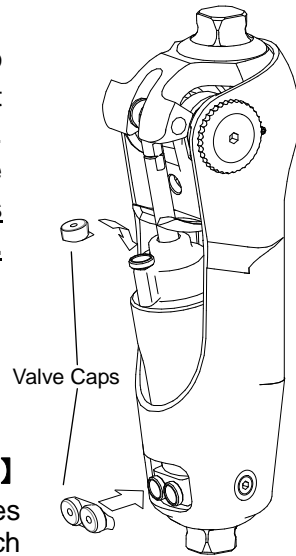
(See figure on right)

\*<sup>1</sup> Adjustment Valves : Main Valve,  
Assistive Valve and  
Terminal Impact Adjustment  
Valve

### 【Zero Position of the Adjustment Valves】

The zero position of the adjustment valves is set at the fully closed position, which can be recognized as the point when turning the valves becomes difficult. **Do not over tighten the valves. Doing so may cause a change in the zero position.** A shift in the zero position will make subsequent adjustment of the valves more difficult. If the original zero position has been changed due to over tightening, you can still recognize it by determining the point when turning the valves becomes difficult.

**Note that over tightening can be avoided by using the shorter arm of the standard wrench for tightening as shown in the figure on the right.**



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