

## 5.0 - Mechanical Adjustments:

### V. Precline

The **precline** function is similar to the recline function, but allows up to 30° of forward recline (creating a 'lean-forward' position for the user).

#### i) J11-J14 sub-systems:

The precline angle can range from 8° to 30° and is determined by the size of rod end and actuator installed. The range of recline is decreased approximately by the number of degrees of precline. The full recline *range* for a J11 or J14 system is 70°. The maximum recline angle is approximately 168° (A J14 system with a precline set at 20°, will recline to an angle of approximately 148°)



#### ii) Low-Pro and Ultra-Low sub-systems:

For the Low-Pro and Ultra-Low sub-systems, the precline angle may also be set between 8° and 30°. A special precline bracket is required for Low-Pro and Ultra-Low precline systems. The precline angle is determined by the size of the rod end and actuator installed.

The range of recline is decreased approximately by the number of degrees of precline. The full recline *range* for a Low-Pro system is 80°. The maximum recline angle is approximately 174°. \*\*

(\*\*Note: using an example of a Low-Pro System with a pre-tilt angle of 2° and initial back angle of 95°: The theoretical recline range would travel from 97° to 177° (without tilting), *however* the range may be limited to 174° by the powerbase.)

#### **Adjusting the Precline Angle**

The precline angle can be adjusted for either system by changing the rod end size (longer rod end = greater precline angle) or by adjusting the existing rod end. With each adjustment, the roll pin in the existing rod end/ actuator must first be removed (using a 1/8" punch). Once the pin is removed a new rod end can be inserted, or the actuator barrel can be turned clockwise or counter-clockwise to raise or lower the precline angle. Once the final adjustments are completed, the actuator must be re-pinned\*.

**\*Important!**- for complete instructions on pinning the actuator, please refer to part XIII. **Rod End Adjustments, Pinning the Actuator** (p.99).

**NOTES**