Chair Circuit Board Test Point Reference

For a list of test points and functions, see the page for your product's circuit board. Refer to the relevant A-dec service guide or service reference for additional information on troubleshooting, service, parts identification, maintenance, and more. Current revisions of A-dec support documents are available in the Document Library on www.a-dec.com.

ATTENTION   Circuit boards are sensitive to static electricity. Electrostatic Discharge (ESD) precautions are required when touching a circuit board or making connections to or from the circuit board. Circuit boards should be installed only by an electrician or qualified service person.
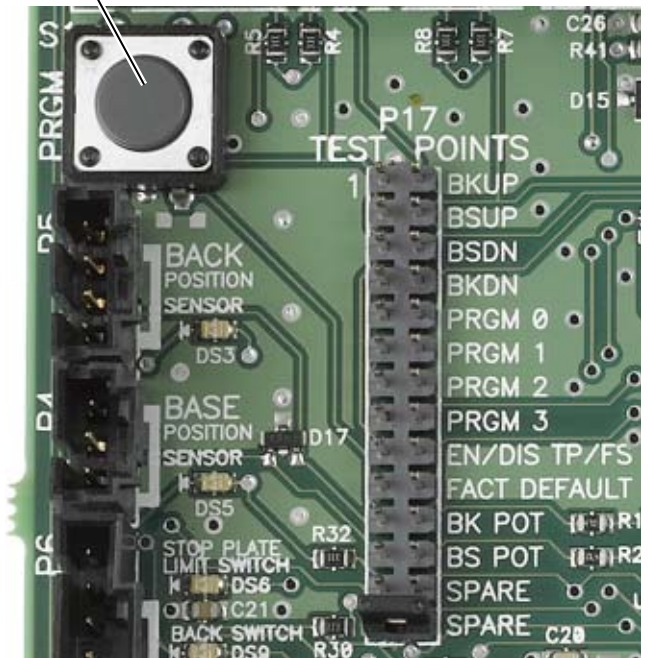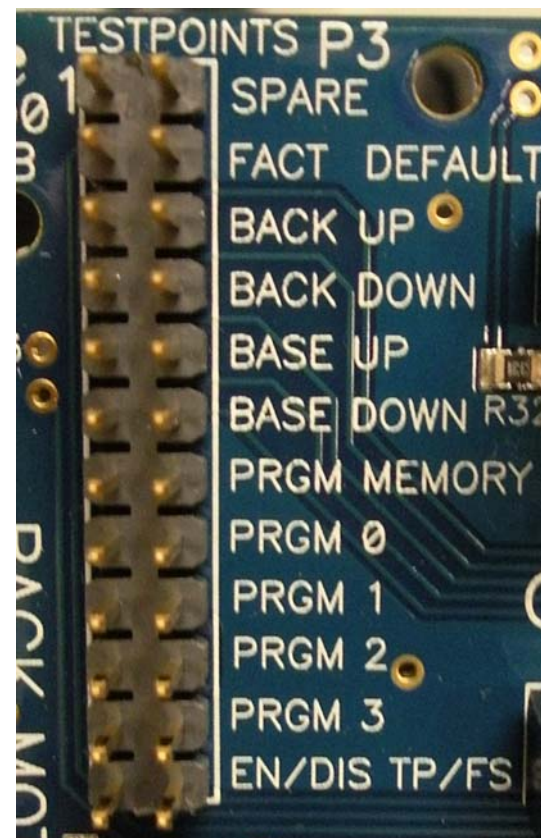
- **BKUP** – Raises the chair back.

- **BSUP** – Raises the chair base.

- **BSDN** – Lowers the chair base.

- **BKDN** – Lowers the chair back.

- **PRGM (button)** – To program chair positions, position the chair, press this button, you'll hear a single beep, then within three seconds put the jumper in one of the PRGM positions and you'll hear three beeps confirming the position is set.

- **PRGM 0** – Preset chair position 0, typically used for patient entry/exit position.

- **PRGM 1** – Preset chair position 1, typically used for patient supine position.

- **PRGM 2** – Preset chair position 2, typically used for patient supine position.

- **PRGM 3** – Preset chair position 3, typically used to move the back to the x-ray/rinse position. Remove the jumper and replace it to return the chair to its original position.

- **EN/DIS TP/FS** – **Note:** This position does not function on boards manufactured before 6/2005. To enable/disable the Program and Preset touchpad/foot switch buttons, place the jumper in this position, then press and hold the button to be enabled/disabled. Three beeps signals the button is enabled. One beep signals the button is disabled.

- **FACT DEFAULT** – Resets the chair presets to factory settings.

- **BK POT** – To verify the Back Position potentiometer voltage, place a voltage meter's positive lead on the left pin of the BK POT test point and the negative lead on the left pin of a SPARE test point.

- **BS POT** – To verify the Base Position potentiometer voltage, place a voltage meter's positive lead on the left pin of the BS POT test point and the negative lead on the left pin of a SPARE test point.

- **SPARE** – Inactive position for jumper storage.

- **SPARE** – Inactive position for jumper storage.

PRGM Button

2

- **SPARE** – Inactive position for jumper storage.
- **FACT DEFAULT** – Resets the chair presets to factory settings.
- **BACK UP** – Raises the chair back.
- **BACK DOWN** – Lowers the chair back.
- **BASE UP** – Raises the chair base.
- **BASE DOWN** - Lowers the chair base.
- **PRGM MEMORY** – To program chair positions, position the chair, place the jumper in this position you'll hear a single beep, then put the jumper in one of the PRGM positions and you'll hear three beeps confirming the position is set.
- **PRGM 0** – Preset chair position 0, typically used for patient entry/exit position.
- **PRGM 1** - Preset chair position 1, typically used for patient supine position.
- **PRGM 2** - Preset chair position 2, typically used for patient supine position.
- **PRGM 3** - Preset chair position 3, typically used to move the back to the x-ray/rinse position. Remove the jumper and replace it to return the chair to its original position.
- **EN/DIS TP/FS** – **Note:** This position does not function on boards manufactured before 6/2005. Use to enable/disable the Program and Preset touchpad/foot switch buttons or to manage soft base limits.
  - **Disable/Enable Buttons** – Place the jumper in this position, then press and hold the touch pad/foot switch button to be enabled/disabled. Three beeps signals the button is enabled. One beep signals the button is disabled.
  - **Set Soft Base Limit** – Position the chair, place the jumper in this position, press and hold BASE UP or BASE DOWN until you hear three beeps.
  - **Delete Soft Base Limit** – Place the jumper in this position, press and hold BASE UP or BASE DOWN until you hear one beep that signals the setting has been disabled.
  - **Change Soft Base Limit** – Delete the limit, then reset.

- **SPARE** – Inactive position for jumper storage.

- **FACT DEFAULT** – Resets the chair presets to factory settings.

- **BACK UP** – Raises the chair back.

- **BACK DN** – Lowers the chair back.

- **BASE UP** – Raises the chair base.

- **BASE DN** – Lowers the chair base.

- **PROGRAM** – To program chair positions, position the chair, place the jumper in this position you'll hear a single beep, then put the jumper in one of the PRGM positions and you'll hear three beeps confirming the position is set.

- **PRGM 0** – Preset chair position 0, typically used for patient entry/exit position.

- **PRGM 1** – Preset chair position 1, typically used for patient supine position.

- **PRGM 2** – Preset chair position 2, typically used for patient supine position.

- **PRGM 3** – Preset chair position 3, typically used to move the back to the x-ray/rinse position. Remove the jumper and replace it to return the chair to its original position.

- **EN/DIS TP/FS – Note:** This position does not function on boards manufactured before 6/2005. Use this position to enable/disable the Program or Preset touchpad/foot switch buttons or to manage soft base limits.
  - **Disable/Enable Buttons** – Place the jumper in this position, then press and hold the touch pad/foot switch button to be enabled/disabled. Three beeps signals the button is enabled. One beep signals the button is disabled.
  - **Set Soft Base Limit** – Position the chair, place the jumper in this position, press and hold BASE UP or BASE DN until you hear three beeps.
  - **Delete Soft Base Limit** – Place the jumper in this position, press and hold BASE UP or BASE DN until you hear one beep that signals the setting has been disabled.
  - **Change Soft Base Limit** – Delete the limit, then reset.

![a-dec logo] reliablecreativesolutions

A-dec Headquarters, 2601 Crestview Drive, Newberg, OR 97132 USA
Tel: 1.800.547.1883 Within USA/Canada, Tel: 1.503.538.7478 Outside USA/Canada
www.a-dec.com

A-dec Inc. makes no warranty of any kind with regard to the content in this document including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.