

**DENTAL CHAIR**

**CLAIR**

**INSTALLATION  
INSTRUCTIONS**

**IMPORTANT**

**This manual provides installation instructions for the BELMONT CLAIR CHAIR.**

**The instructions contained in this booklet should be thoroughly read and understood before attempting installation of chair.**

**After the installation has been completed, keep this manual in a safe place and refer to it for future maintenance.**





## 1. OVERALL VIEW AND MAJOR COMPONENTS

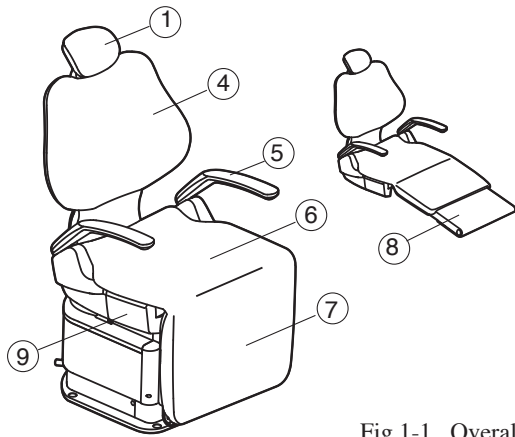
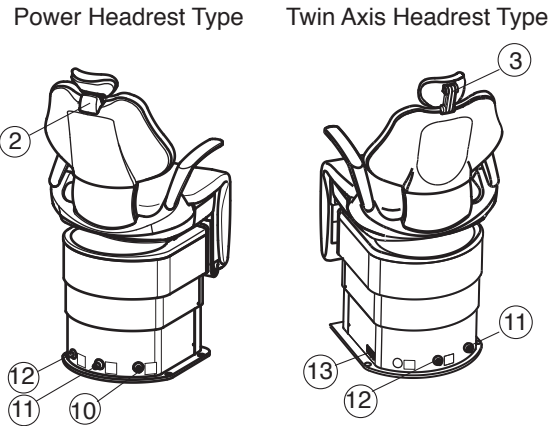


Fig.1-1 Overall View

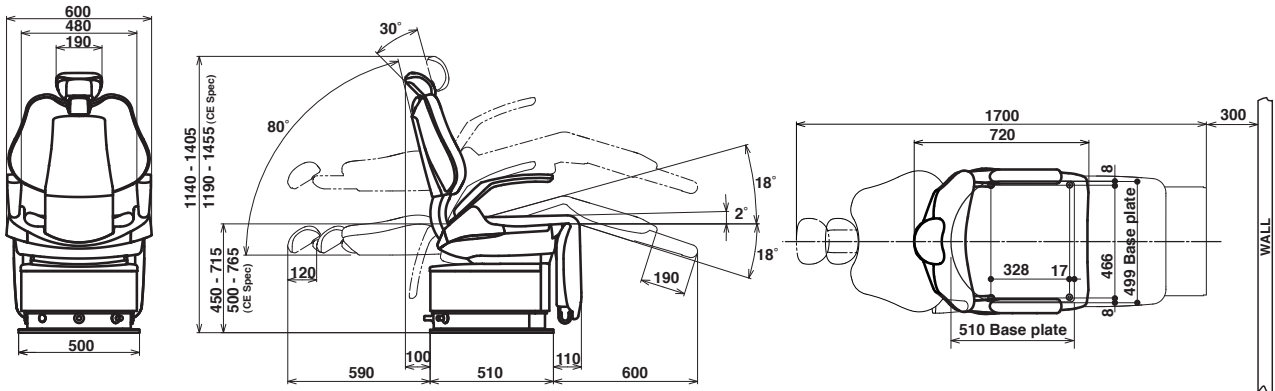
### Major Components

- |                       |                                     |                                |
|-----------------------|-------------------------------------|--------------------------------|
| 1. Headrest           | 6. Seat                             | 11. Stick Switch for Manual    |
| 2. Power Headrest     | 7. Footrest                         | 12. Stick Switch for Auto Mode |
| 3. Twin Axis Headrest | 8. Roll up Legrest                  | 13. Power Switch               |
| 4. Backrest           | 9. P.C.Board Box Cover              |                                |
| 5. Armrest            | 10. Stick Switch for Power Headrest |                                |



## 2. DIMENSIONS AND SPECIFICATIONS

### 2-1. DIMENSIONS -mm-



### 2-2. SPECIFICATIONS

Seat Initial Height	: 450mm (500mm CE Spec.)	
Seat Lifting Stroke	: 265mm	
Backrest Movement	: 0° ~ 80° above Horizontal	
Tilting Mechanism	: Backrest Synchronized Tilting ( 2° ~ 16° above Horizontal)	
Auto Movements	: 2-Preset, 1-Last Position Memory and 1-Auto Return	
Maximum Load	: 135kg (Patient weight)	
Control Voltage	: DC12V	
Power Consumption	: 115V, 50/60Hz, 5.6A/3.6A 230V, 50Hz, 2.0A 240V, 50Hz, 2.2A	
Net Weight	: 150 kg	
Protection Level Electric Shock	: Class I Type B	
Environmental requirements	: Ambient Temperature	Operating +10 ~ +40°C Storage/Transportation -20 ~ +70°C
	Humidity	Operating 30 ~ 75% Storage/Transportation 10 ~ 95%
	Atmospherical pressure	Operating 700 ~ 1060hPa Storage/Transportation 600 ~ 1060hPa

### 3. INSTALLATION PROCEDURES

1. Place the chair crate just behind the planned location for the chair.
2. Open the crate and remove all packing materials.

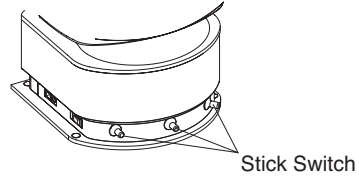
#### **⚠ CAUTION**

Do not use sharp instrument that can damage upholstery.

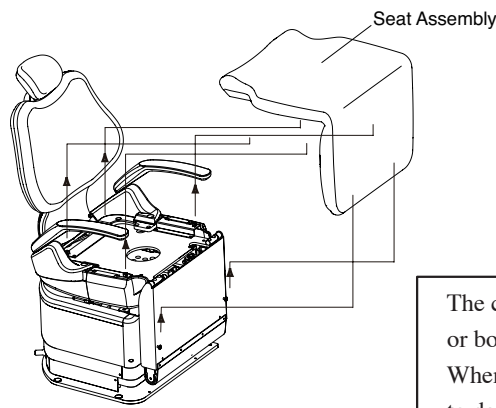
3. Slide the chair off palette into the place.

#### **⚠ CAUTION**

Do not lift the chair by Stick Switches.



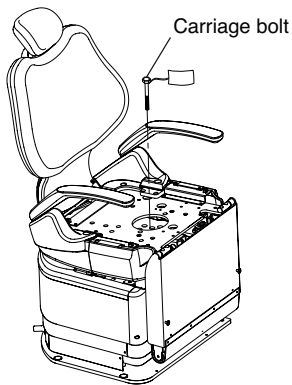
4. Pull up the seat cushion and remove the seat assembly from the seat plate..



#### **⚠ CAUTION**

The chair must be fixed to the floor with screws or bolts to prevent it from tipping.  
When fixing chair to the floor, be careful not to damage pipework under the floor.

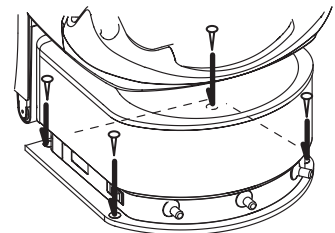
5. Remove the red bolt with a caution tag located on the chair seat plate.



#### **⚠ CAUTION**

Do not plug in the power supply cable before removing the red bolt.  
Do not lift the chair by upper structure after removing the red bolt.

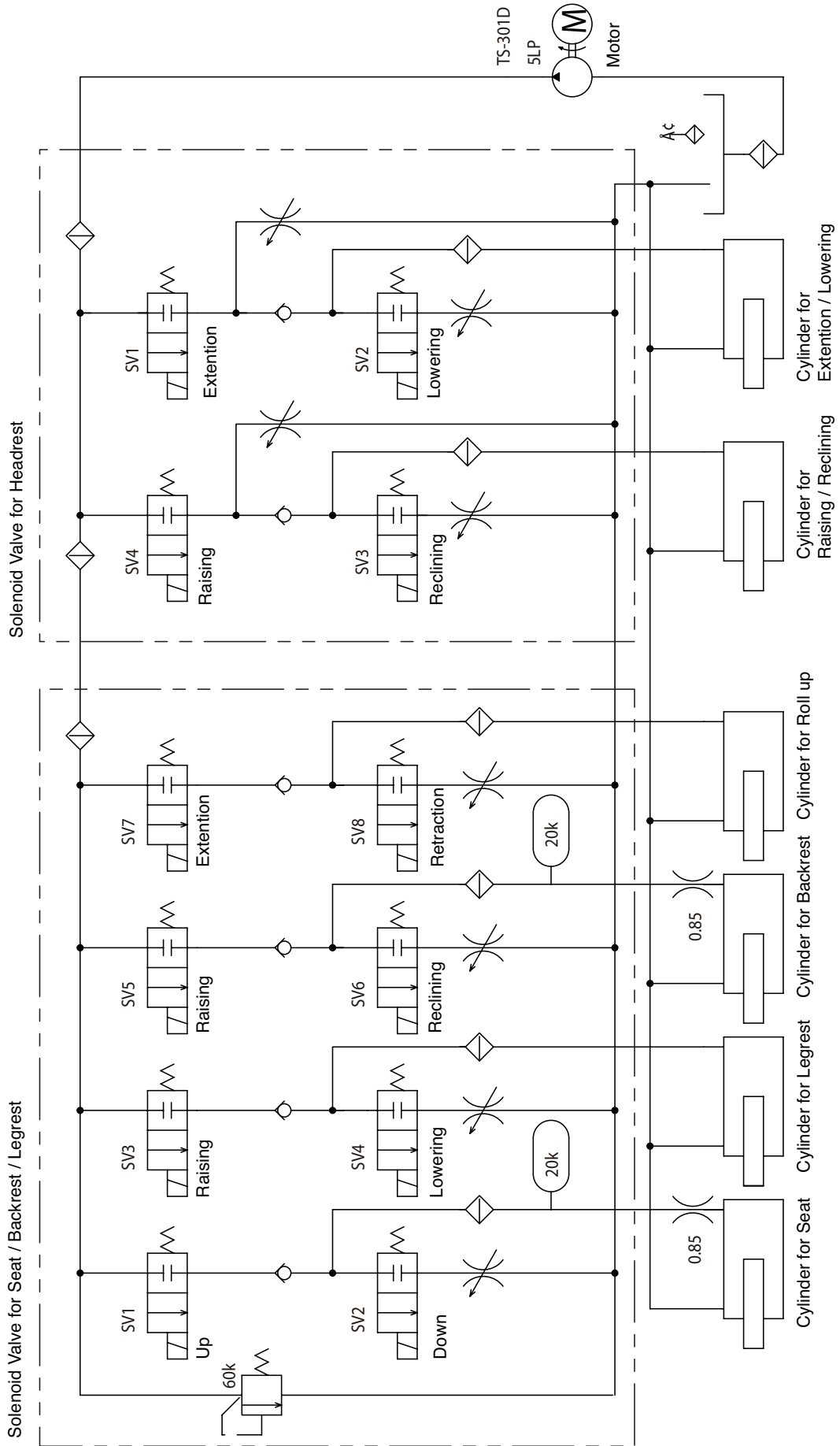
6. Pull out the rubber plug of oil reservoir.
7. Save above red bolt and rubber plug in case the chair is ever reshipped in the future.
8. Attach the seat assembly on the seat plate.
9. Attach the twin axis headrest assembly (option).
10. Fix the chair base to the floor with 4 screws or bolts.
11. Plug the chair into electric power source.



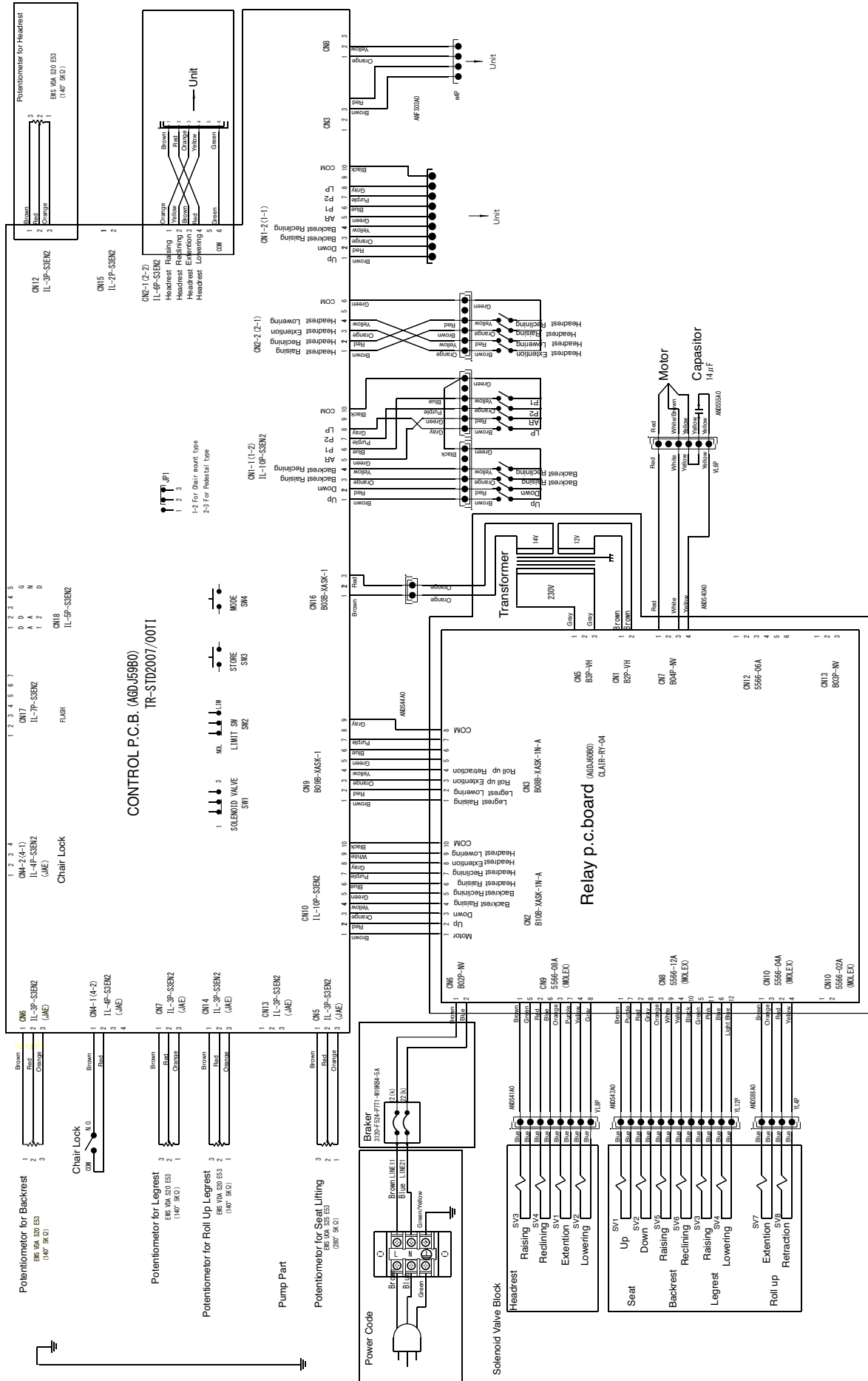
### 4. AFTER INSTALLATION

Once the chair is installed according to the above information, check the all chair functions following the information in the operating manual.

5. HYDRAURIC DIAGRAM



6. ELECTRICAL DIAGRAM





**NOTE**

 **Belmont**



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