

THOR-M Storage

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Humanetics advises customers of the importance of using the storage bracket and chair to keep the THOR-M dummy in an upright position when not being used in testing to avoid permanent deformation of the rubber spine segments.

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The THOR dummy cannot be lifted by the head or neck assemblies as the dummy's neck was not designed to support the full weight of the dummy in tension. Instead, it is recommended to use the THOR storage bracket when handling and/or transporting the dummy. The bracket is included with every THOR-M dummy.

The storage bracket attaches to both the upper portion of the spine box and the pelvis assembly in order to stabilize the flexible rubber lumbar segments in between (Figure 1). Shackles are provided as an attachment point for a winch lifting hook. Shackles can be repositioned at any available hole in the storage bracket. Handles are also provided for manual lifting or to assist in finer positioning before the bracket is removed.



Figure 1 -THOR-M with storage bracket installed and mounted to the storage chair



Dummy Handling

The THOR dummy storage chair (Figure 2) interfaces with the storage bracket to position the dummy in the seated position for long term storage. The bracket maintains support for the flexible rubber lumbar segments to avoid the dummy weight creating any permanent deformation. The bracket and chair is uniquely designed to support the dummy from the torso instead of the armpits.

The storage bracket handles are set into the indents of the chairs' attachment plates. The dummy's posture within the storage chair can be further adjusted using the provided turnbuckle. The intent is to maintain the dummy's neck in a vertical position so as to avoid the weight of the head creating any permanent bend. Panels are provided around the rear perimeter in order to contain the dummy's umbilical cabling.

Part Number	Description
472-8000	Storage Chair Assembly, THOR

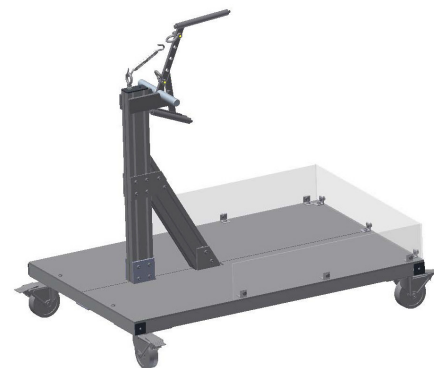


Figure 2 -THOR-M Storage Chair

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For further inquiries please contact Humanetics Customer Service or your account manager.