

ADVANTAGE



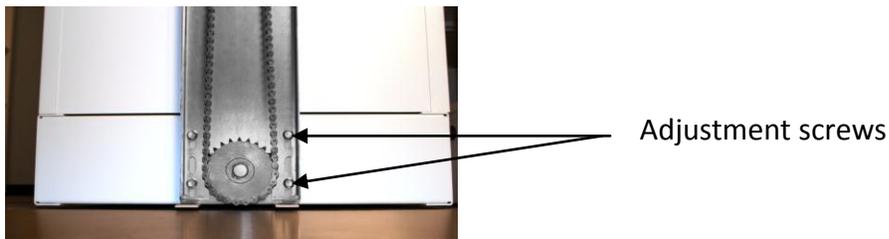
Aurora Storage Products Premium Carriage Drive Assembly

Aurora Storage Products, Inc. utilizes a high quality carriage drive assembly. It consists of an ergonomic three spoke handle driving a sprocket and chain mechanism which is completely enclosed and anchored directly and securely to the mobile carriage.

If another manufacturer's specification states "A tensioning device shall be provided on each chain drive with provision for adjusting tension without removing end panels", that other manufacturer's upper drive assembly consists of a shaft and sprocket mounted through a notched ratcheting plate assembly with a tension sprocket attached to a floating lever arm which must engage into notches in the ratcheting plate. This assortment of hardware must sustain the forces exerted by carriage movement over years of use. In addition, with the competitor there is an open and visible adjustment screw access hole below the handle on the front of their face panel which detracts from the aesthetics of their end panel. The other manufacturer's chain and sprockets are not enclosed and are exposed to dust and debris that can enter through a 1 1/2" gap between the back of the end panel and the shelving. If the side of the shelving section on their shelving is not enclosed, a provision must be made to block access from the shelving to minimize pinch points and to keep oil or grease from getting on the media to be stored.

In summary, since the upper sprocket is mounted to the panel and the lower sprocket is attached to a shaft on the end of the carriage, the other manufacturer's ability to maintain the proper chain tension is limited to how well all the separate components stay precisely aligned over a period of use. With their design, all carriage movement is controlled by a handle assembly held to the face panel with small screws. It might be possible that the competitors have more need for frequent chain adjustments.

Under normal usage, Aurora's mechanical assist drive chains typically do not require readjustment after the installation. In the unlikely event that minimal stretching would occur over time, adjustment screws are positioned at the bottom of the chain box to adjust chain tension.



In summary, Aurora's mechanical assist drive mechanism is completely enclosed, attached directly to the mobile carriage, and independent of the end panel or shelving. Theirs is not. **Advantage: Aurora.**