Weight Ratings, Torque Specifications and Loctite Recommendations

XD COMPONENTS				
P/N	Component	Rating	Overall Dim (inches)	Fasteners
126100	34mm Tube Clamp	200kg / 440lb	2.1 x 2.1 x 2.1	882520 880290
126133	34mm XD Pylon, 17”	200kg / 440lb	1.3 x 17	-
126120	XD 4-Prong Lamination Adapter	200kg / 440lb	3.0 x 1.6	-

FASTENER SPECIFICATIONS					
P/N	Fastener	Function	N-m	in-lbs	Loctite
882520	M5 x 0.8 x 20mm	Clamp Screw SHCS	10	90	NO
880290	M8 x 1.25 x 16mm	Alignment Set Screws SHSS	15	132	Yes - 242

This document covers general maintenance and fastener torque specifications. It is the responsibility of the practitioner to insure that all of these recommendations are followed and that the patient is aware of all maintenance procedures. For specific maintenance procedures and specifications for components with moving parts, such as knees, see the instructions included with those components. All components are intended for use on one patient only and must be installed by qualified personnel.

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General Maintenance and Specifications

Care and Maintenance

Metal components are subject to corrosion damage if used in a wet or otherwise corrosive environment including, but not limited to, the shower/bath, the ocean or other saltwater environment, and corrosive industrial environments. Avoid submersion in any liquid, and if the prosthesis does get wet, dry thoroughly as soon as possible. Prosthetic components are subjected to mechanical stresses that can fatigue the part over time. Although all components have been tested in accordance with applicable standards, the risk still exists that they may fail under certain conditions that will vary greatly depending on patient use. In order to reduce the risk of failure, it is recommended that all of the components in a prosthesis be checked periodically by the Prosthetist (at an interval determined by the patient's weight and activity level, not to exceed 6 months) for signs of fatigue or other damage, i.e. cracks, deep scratches, corrosion, wear, etc. The Prosthetist should also advise the patient to examine the prosthesis before each application.

Fastener Torque and Thread Locking

It is imperative that all fasteners be tightened to the proper torque listed in the table on back. Over tightening can overstress the fastener or part and strip threads. Too little torque will allow movement between parts leading to premature fatigue failures and/or fasteners coming loose. Certain fasteners need to be thread locked to insure safe use of the prosthesis. Where thread lock is not specified in the following table, it is recommended that a lubricant be used on threads unless otherwise noted. At least as often as the part is inspected, the fasteners should be inspected for proper torque, and a record of this inspection kept in the patient's file. Proper care and maintenance can help prevent unnecessary risk, which may occur with neglect.

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