

BIORID II DESIGN EVALUATION CHECKLIST

Draft 9/21//2010





1		VERIFY THE CORRECT SKULL CAP IS BEING USED	
2		VERIFY THE NEW DESIGN DAMPER IS INSTALLED	
3		VERIFY THE CORRECT SIZE HOLES IN THE HEAD TO CLEAR THE CABLE ADJUSTERS (12.7 MM)	
4		VERIFY THE NEW DESIGN H POINT LOCATORS ARE INSTALLED	
5		VERIFY THE CORRECT SIZE CABLE CLEARANCE SLOT IS IN THE SKULL CAP.	
6		VERIFY SKULL AND CAP CONTAIN ERROR PROOFING PIN-HOLE COMBINATION.	
7		VERIFY THE CORRECT HEAD IS INSTALLED (NON-SKULL CAP LOAD CELL VERSION)	
8		VERIFY ALUMINUM AND PLASTIC CABLE COVERS ARE INSTALLED ABOVE THE CABLE ADJUSTERS.	

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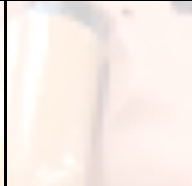
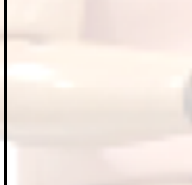







9		IS THE LOCK WASHER UNDER THE M8 DAMPER ATTACHMENT SCREW	
10		VERIFY THE TORSION PLATE FASTENERS ARE SHCS WITH WASHERS INSTEAD OF BHCS.	
11		VERIFY REDESIGNED S1 (HAS LUMBAR LOAD CELL OR STRUCTURAL REPLACEMENT TO IMPROVE DURABILITY)	
12		VERIFY S1 SCREW HAS TENSION WASHER TO LOCK IT	
13		VERIFY T1 LOAD CELL OR STRUCTURAL REPLACEMENT DESIGN WITH REMOVABLE BUSHINGS AND SLOTS TO ALLOW REMOVAL WITHOUT CUTTING CABLES	
14		T1 ANGLE INDICATOR ATTACHED TO ACCEL. MOUNT LOCATION	
15		PELVIS ANGLE INDICATOR UPDATED TO CLEAR BELT	
16		STAINLESS STEEL NECK PINS (NO RUST)	

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17		SLOT IN T2 TORSION PLATE FOR MUSCLE SUBSTITUTE CABLE ROUTING	
18		CHECK VERTABRAE HEIGHTS FRONT AND BACK PER DRAWINGS	
19		SKULL CAP WITH CONDUCTIVE PAINT ON CAP SKIN FOR CONTACT SWITCH	
20		CORRECT JACKET VERSION (ARMS WILL HANG STRAIGHT DOWN).	
21		VERIFY HEAD SKIN IS TRIMMED TO AVOID MECHANICAL LOAD PATH AROUND UPPER NECK LOAD CELL	
22		CORRECT LENGTH SHOES BEING USED	
23		VERIFY THE DAMPER CABLE GUIDE WHEEL (ARA-343) IS THE CORRECT SIZE/DESIGN	
24		VERIFY IF C7 VERTABRAE HAS CLEARANCE ON BOTTOM SIDE OF T1 AXIS SCREWS	

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25		VERIFY USE OF SHCS TO LOC T1 PIN	
26		ENSURE THAT PLASTIC CABLE SLEEVES ARE INSTALLED ON SPRING CABLE SIDE	
27		VERIFY THAT THE OC PLATE HAS CLEARANCE FOR INSTRUMENTATION CABLES AND OC SET SCREWS	
28		VERIFY THE HEAD SKIN IS CUT OUT UNDER THE CHIN (NOT A H-III50M HEAD SKIN)	
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