

Denton Load Cell Matrix

Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	HIII-50th	HIII-5th	HIII-50th	HIII-95th	FAA-HIII-50th	THOR	BIORID-II	BIOSID	SID	SID/HIII	EUROSID	ES-2re	ES-2	SID-IIs	3YO AIRBAG	HIII-3C	HIII-6C	HIII-10C	CRABI-6MO	CRABI-12&18 MO	TNO P 3/4 & P3	TNO P 1 1/2	TNO Q1	TNO Q3&Q6	
1567	Load Bolt	3700	1			.																						
1583	Upper Tibia	2171	2		.	.	.	.			.										
1584	Lower Tibia	3337	3		.	.	.	.			.										
1587	Knee Clevis	1861	2			.		.			.																	
1708	Lumbar	2555	6	.				.				.	.					
1716	Upper Neck	4420	6		.	.	.	.			.		.				.			.		.
1794	Lower Neck	1920	6			.	.	.			.											
1842	Lumbar	1883	3			.	.																					
1891	Lumbar	2452	3	.				.																				
1911	Thoracic (Modified HIII-50th)	1934	5			.	.	.	.															
1914	Femur	7460	6	.	.	.	.	.	.		.	.	.	.	.	.	.
2090	Femur	3863	1																	.		.						
2110	Structural Knee Clevis	N/A	0			.		.			.																	
2121	Femur	3203	1	.	.	.	.	.															
2150	Lower Neck	2155	5		.																							
2151	Thoracic	2156	5		.																							
2152	Lumbar	2157	5		.																							
2154	Knee Clevis	1861	2		.												.											

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Denton Load Cell Matrix

Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	HII-50th	HIII-5th	HIII-50th	HIII-95th	FAA-HIII-50th	THOR	BIORID-II	BIOSID	SID	SID/HIII	EUROSID	ES-2re	ES-2	SID-IIs	3YO AIRBAG	HIII-3C	HIII-6C	HIII-10C	CRABI-6MO	CRABI-12&18 MO	TNO P 3/4 & P3	TNO P 1 1/2	TNO Q1	TNO Q3&Q6	
2193	Upper Femur	1976	6			.					.																	
2255	Shoulder	2294	3								.																	
2256	Sacrum	2292	1								.																	
2331	Upper Neck	2900	3																					.				
2372	Knee Clevis	1861	2				.																					
2421	Structural Knee Clevis	N/A	0		.																							
2430	Lower Neck	2590	6																	.								
2431	Lumbar	2591	6																	.	.							
2432	Femur	2592	6																	.	.							
2554	Neck/Lumbar	2597	6																			.	.		.			
2564	Upper Neck	1860	3		.	.	.	.												.	.
2587	Upper Neck	3308	6																					.				
2631	Abdominal	2858	3/Dummy											.	.	.												
2656	Iliac	2922	4/Pair		.																							
2789	Pubic	2857	2																				.					
2890	Lumbar (Steel - High Capacity)	3184	3											.	.	.												
2896	Upper Neck (Low Capacity)	1860	6								
2944	Lumbar	3437	6																.									

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Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	HII-50th	HIII-5th	HIII-50th	HIII-95th	FAA-HIII-50th	THOR	BIORID-II	BIOSID	SID	SID/HIII	EUROSID	ES-2re	ES-2	SID-IIs	3YO AIRBAG	HIII-3C	HIII-6C	HIII-10C	CRABI-6MO	CRABI-12&18 MO	TNO P 3/4 & P3	TNO P 1 1/2	TNO Q1	TNO O3&O6
2945	Acetabulum	3222	1																.								
2981	Damper	3000	1									.	.														
3093	Lower Tibia	3337	3		.	.	.	.			.									
3096	Pubic	3366	1											.	.	.											
3114	Lower Tibia	3337	4		.	.	.	.			.						.
3115	Upper Tibia	2171	4		.	.	.	.			.									
3287	Lower Tibia	3337	4		.	.	.	.			.									
3290	Lumbar (Aluminum - Standard)	3184	3											.	.	.											
3292	Upper Tibia	2171	3		.	.	.	.			.									
3300	Lower Neck	3527	6											.	.	.											
3303	Upper Neck	2028	6															.	.								
3416	Lower Legs	1861/2171/3337	20/pair			.		.			.							.	.
3448	Structural Upper Tibia	NA	0		.	.	.	.									.
3454	Upper Neck	3637	6						.																		
3455	Acetabulum (right side)	3633	3/pair						.																		
3457	Rib	3485	2			.																					
3525	Arm	1861/2171/3337	20/pair		.												.										
3552	Lower Leg	1861/2171/3337	20/pair				.																				

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Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	HII-50th	HIII-5th	HIII-50th	HIII-95th	FAA-HIII-50th	THOR	BIORID-II	BIOSID	SID	SID/HIII	EUROSID	ES-2re	ES-2	SID-IIs	3YO AIRBAG	HIII-3C	HIII-6C	HIII-10C	CRABI-6MO	CRABI-12&18 MO	TNO P 3/4 & P3	TNO P 1 1/2	TNO Q1	TNO Q3&Q6
3553	Lower Leg	2171	5		.																						
3643	Upper Tibia	3337	5		.	.	.	.			.						.
3644	Lower Tibia	3765	4/dummy		.	.	.	.			.						.
3676	Rib	1860	3														.										
3696	Toe	1861/2171/3337	16/pair			.		.			.																
3715	Upr & Lwr Neck, Lumbar (Q3 & Q6 only)		5																							.	.
3743	Left ASIS	2922	2		.																						
3744	Right ASIS	2922	2		.																						
3745	Left ASIS	3547	2																	.	.						
3746	Right ASIS	3547	2																.	.							
3747	Left ASIS	3625	2																.								
3748	Right ASIS	3625	2																.								
3780	Upper/Lower Arm	3697	6		.												.										
3781	Elbow	3698	2		.												.										
3795	Back Plate	4053	4											.	.												
3821	Dual Bridge Femur	3203	2																			
3855	Acetabulum (left side)	3633	3						.																		
3881	Thoracic	2156	6		.																						

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Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	HII-50th	HIII-5th	HIII-50th	HIII-95th	FAA-HIII-50th	THOR	BIORID-II	BIOSID	SID	SID/HIII	EUROSID	ES-2re	ES-2	SID-IIs	3YO AIRBAG	HIII-3C	HIII-6C	HIII-10C	CRABI-6MO	CRABI-12&18 MO	TNO P 3/4 & P3	TNO P 1 1/2	TNO Q1	TNO Q3&Q6
3911	Shoulder	4034	2																.								
3933	Upper Neck (Low Capacity)	1860	6		.	.	.	.									.			.	.
4016	Clavicle	4986	2			.		.																			
4085	Upper Neck	4316	6											.	.	.											
4168	Face	4296	1						.																		
4218	Ankle	5346	5			.		.			.																
4251	Lower Leg	1861/2171/3337	24/pair		.																						
4252	Lower Leg	1861/2171/3337	24/pair			.		.			.																
4253	Lower Leg	1861/2171/3337	24/pair				.																				
4254	Lower Leg	1861/2171/3337	20/pair		.																						
4255	Lower Leg	1861/2171/3337	20/pair			.		.																			
4256	Lower Leg	1861/2171/3337	20/pair				.																				
4257	Femur	1957	6	.	.	.	.	.	.		.	.	.	.	.	.	.
4284	T-12 (Thoracic) Spine	4620	4											.	.	.											
4351	Uniaxial Lumbar	2452	1	.				.																			
4353	Upper Tibia	2171	4						.																		
4354	Lower Tibia	5116	4						.																		
4365	Lower Neck	3527	6											.	.	.											

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Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	HII-50th	HIII-5th	HIII-50th	HIII-95th	FAA-HIII-50th	THOR	BIORID-II	BIOSID	SID	SID/HIII	EUROSID	ES-2re	ES-2	SID-IIs	3YO AIRBAG	HIII-3C	HIII-6C	HIII-10C	CRABI-6MO	CRABI-12&18 MO	TNO P 3/4 & P3	TNO P 1 1/2	TNO Q1	TNO Q3&Q6
4366	Lower Neck	4667	6						.																		
4385	ASIS	4430	2				.																				
4455	Wrist	4464	2		.												.										
4461	Lower Arm	3697	6		.												.										
4502	Lumbar	4506	6			.	.																				
4507	Lower Leg	2171/3337	16/pair			.																					
4509	Upper Tibia	2171	5						.																		
4541	Lower Neck	2155	6		.																						
4664	Femur	1957	1	.	.	.	.	.	.												
4894	Lower Neck	1920	6			.	.	.			.										
4929	Lower Tibia	4989	5						.																		
4949	Upper Neck	7645	6							.																	
4985	Upper Neck	5029	3							.																	
5045	Adjustable Lower Neck	5785	6		.																						
5092	Lumbar Spine	2157	3		.																						
5124J	Lower Neck w/ Adjustable Bracket	5340	6																		.						
5145	Achilles	5165	1						.																		
5190	Lumbar Spine	5366	6											.	.	.											

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Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	HII-50th	HIII-5th	HIII-50th	HIII-95th	FAA-HIII-50th	THOR	BIORID-II	BIOSID	SID	SID/HIII	EUROSID	ES-2re	ES-2	SID-IIs	3YO AIRBAG	HIII-3C	HIII-6C	HIII-10C	CRABI-6MO	CRABI-12&18 MO	TNO P 3/4 & P3	TNO P 1 1/2	TNO Q1	TNO Q3&Q6
5263	Lower Leg	2172/3337	8		.																						
5400	Left Shoulder	5495	2																		.						
5462	Straight Lumbar	4506	6			.																					
5686	Adjustable Lower Neck	5985	6														.										
5769	Femur (Pair)	5805	2														.										
5832	Adjustable Lower Neck	5910	6			.	.																				
6095	Back Plate	6155	4												.												
6244	Lower Neck	5340	6																		.						
6251	Lumbar	2591	6																		.						
6289	Skull Cap Load Cell Assembly	6385	3							.																	
6321	Model 2121 Femur w/ Accel Mount	3203	1	.	.	.	.	.														
6324	Spring Tube Assembly, Posterior	6036	1							.																	
6327	Spring Tube Assembly, Anterior	6036	1							.																	
6328	Model 2121 Femur w/ Accel Mount	3203	1	.	.	.	.	.														
6350	Skull Cap Load Cell	6385	3							.																	
6580	L5 Lumbar	6745	6							.																	
6590	L5 Lumbar Assembly	6745	6							.																	
6600	Shoulder, Left	6685	3			.																					

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Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	HII-50th	HIII-5th	HIII-50th	HIII-95th	FAA-HIII-50th	THOR	BIORID-II	BIOSID	SID	SID/HIII	EUROSID	ES-2re	ES-2	SID-IIs	3YO AIRBAG	HIII-3C	HIII-6C	HIII-10C	CRABI-6MO	CRABI-12&18 MO	TNO P 3/4 & P3	TNO P 1 1/2	TNO Q1	TNO O3&O6	
					.																							
6643	Rib	6670	2		.																							
6800	Shoulder, Right	6685	3			.																						
6806	Left Shoulder Belt Force Assembly	7210	3		.																							
6807	Right Shoulder Belt Force Assembly	7210	3		.																							
6928	Iliac Wing, Right	3267	1														.											
6949	Acetabulum, Right	3270	1														.											

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