FTSS Load Cell Matrix

Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	Q0	Q1	Q1.5	Q3	Q3s	Q6	Q6s	CRABI 6	CRABI 12	CRABI 18	P 9 MO	P1.5	P3	H3-3YO	H3-6YO	H3-10YO	H3-5th	H3-50th	H3-95th	SIDIIs	ES1	ES2	ES2 RE	BioSID	FAA	RID3D	H2-50TH	US DOT SID	BIORID	H3-50th PED	WSID 50th	WSID 5th	FMH
IF-151	6-Axis Head Assembly Modified for 15 Accel Array, 7264-2000, Includes Head, Does not include Accels	N/A	Up to 15 Axis; AX, AY, AZ																		•							•					•			
IF-153	6-Axis Head Assembly Modified for 15 Accel Array, 7264-2000, Includes Head, Does not include Accels	N/A	Up to 15 Axis; AX, AY, AZ																	•															
IF-154	6-Axis Head Assembly Modified for 3-2-2-2 Array, 7264-2000, Does not include Accels	N/A	Up to 9 Axis; AX, AY, AZ																				•												
IF-156	6-Axis Head Assembly Modified for 15 Accel Array, 7264A/B-2000, Includes Head, Does not include Accels	N/A	Up to 15 Axis; AX, AY, AZ																	•															
IF-157	Free Motion Modified Headform for 12 Accels, 7264C & 7267A, Includes head, Does not include Accels	N/A	Up to 12 Axis; AX, AY, AZ																																•
IF-158	ES2 Modified Head for 9 Accel Array, 7264-2000, Includes Head, Does not include Accels	N/A	Up to 9 Axis; AX, AY, AZ																						•	•									
IF-203	3-Axis Lower Neck Load Cell	2100-50	FX, FY, FZ																		•														
IF-205	6-Axis Upper Neck Load Cell	2050-50	FX, FY, FZ, MX, MY, MZ															•	•	•	•	•	•				•	•					•			
IF-205J	6-Axis Upper Neck Load Cell, Wired to SAE J211 Sign Convention	2050-50	FX, FY, FZ, MX, MY, MZ															•	•	•	•	•	•				•	•					•			
IF-207	6-Axis Upper Neck Load Cell, Low Capacity	2050-50	FX, FY, FZ, MX, MY, MZ															•		•	•	•	•				•	•	•				•			
IF-210	6-Axis Lower Neck Load Cell	2100-50	FX, FY, FZ, MX, MY, MZ																		•						•	•					•			
IF-210-HC	6-Axis Lower Neck Load Cell, High Capacity	2100-50	FX, FY, FZ, MX, MY, MZ																		•						•	•					•			
IF-211	5-Axis Lower Neck Load Cell	2110-50	FX, FY, FZ, MX, MY																	•																
IF-212	6-Axis Neck Load Cell	2120-50	FX, FY, FZ, MX, MY, MZ											•		•																				
IF-217	6-Axis Neck/Lumbar Load Cell	2170-50	FX, FY, FZ, MX, MY, MZ	•	•	•	•	•	•																											
IF-217-HC	6-Axis Lower Neck Load Cell, High Capacity	2170-50	FX, FY, FZ, MX, MY, MZ																										•							
IF-219	6-Axis Adjustable Neck Load Cell	2190-50	FX, FY, FZ, MX, MY, MZ																		•						•	•					•			
IF-219-HC	6-Axis Adjustable Neck Load Cell, High Capacity	2190-50	FX, FY, FZ, MX, MY, MZ																		•						•	•					•			
IF-221	6-Axis Lower Neck Load Cell	2210-50	FX, FY, FZ, MX, MY, MZ																					•	•	•										
IF-222	6-Axis Lower Neck Load Cell	2220-50	FX, FY, FZ, MX, MY, MZ															•																		
IF-223	3-Axis Adjustable Neck Load Cell	2190-50	FX, FZ, MY																		•						•						•			
IF-228	6-Axis Lower Neck Load Cell, Adjustable	2280-50	FX, FY, FZ, MX, MY, MZ																	•															
IF-234	6-Axis Upper/Lower Neck Load Cell	2340-50	FX, FY, FZ, MX, MY, MZ														•																		
IF-238	6-Axis Lower Neck Load Cell	2110-50	FX, FY, FZ, MX, MY, MZ																	•															
IF-240	6-Axis Upper Neck Load Cell	2400-50	FX, FY, FZ, MX, MY, MZ																						•	•									
IF-242	6-Axis Lower Neck Load Cell	2100-50	FX, FY, FZ, MX, MY, MZ																			•													
IF-243	6-Axis Adjustable Lower Neck Load Cell	2430-50	FX, FY, FZ, MX, MY, MZ																•																
IF-245	6-Axis Adjustable Neck Load Cell	2190-50	FX, FY, FZ, MX, MY, MZ																			•													
IF-249	6-Axis Upper Neck Load Cell	2490-50	FX, FY, FZ, MX, MY, MZ																													•			
IF-251	3-Axis T1 Load Cell	2510-50	FX, FZ, MY																													•			
IF-256	4-Axis Neck Load Cell, Low Capacity	2050-50	FX, FY, FZ, MY															•		•	•	•	•				•						•			
IF-2564	3-Axis Upper Neck Load Cell	2050-50	FX, FZ, MY															•		•	•	•						•					•			

FTSS Load Cell Matrix

Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	Q0	Q1	Q1.5	Q3	Q3s	Q6	Q6s	CRABI 6	CRABI 12	CRABI 18	P 9 MO	P1.5	P3	H3-3YO	H3-6YO	H3-10YO	H3-5th	H3-50th	H3-95th	SIDIIs	ES1	ES2	ES2 RE	BioSID	FAA	RID3D	H2-50TH	US DOT SID	BIORID	H3-50th PED	WSID 50th	WSID 5th	FMH
IF-263	6-Axis Skull Cap Load Cell	9540-50	FX, FY, FZ, MX, MY, MZ																										•							
IF-269	6-Axis Lower Neck Load Cell	2550-50	FX, FY, FZ, MX, MY, MZ																				•													
IF-273	6-Axis Adjustable Lower Neck Load Cell, SBL D	2730-50	FX, FY, FZ, MX, MY, MZ																				•													
IF-300	6-Axis Thoracic Spine Load Cell	3020-50	FX, FY, FZ, MX, MY, MZ																	•																
IF-302	5-Axis Thoracic Spine Load Cell	3020-50	FX, FY, FZ, MX, MY																	•																
IF-303	2-Axis Shoulder Load Cell	3030-50	FX, FZ														•																			
IF-309	Uniaxial Rib Load Cell	3090-50	FX																				•													
IF-310	5-Axis Thoracic Spine Load Cell	3100-50	FX, FY, FZ, MX, MY																		•												•			
IF-312	5-Axis Thoracic Spine Load Cell	3100-50	FX, FY, FZ, MX, MY																			•														
IF-312-3X	3-Axis Thoracic Spine Load Cell	3100-50	FX, FZ, MY																			•														
IF-315	3-Axis Thoracic Spine Load Cell	3100-50	FX, FZ, MY																		•															
IF-317	3-Axis Shoulder Load Cell	3060-50	FX, FY, FZ																					•	•	•										
IF-319	6-Axis Thoracic Spine Load Cell for Spine Box Load Cell Assembly		FX, FY, FZ, MX, MY, MZ																		•															
IF-320	2-Axis Clavicle Load Cell Pair, L&R	3200-50	FX, FZ																		•							•								
IF-3201	2-Axis CLAVICLE LINK Load Cell, Left Side	3200-50	FX, FZ																		•							•								
IF-3202	2-Axis CLAVICLE LINK Load Cell, Right Side	3200-50	FX, FZ																		•							•								
IF-331	2-Axis Shoulder Load Cell	3030-50	FX, FZ									•																								
IF-341	3-Axis Shoulder Load Cell	3410-50	FX, FY, FZ																								•									
IF-344	3-Axis Shoulder Load Cell, SIDIIs	3440-50	FX, FY, FZ																				•													
IF-347	2-Axis Shoulder Load Cell Pair, L&R	3470-50	FX, FZ																•																	
IF-353	2-Axis Clavicle Load Cell Pair, L&R	3530-50	FX, FZ																	•																
IF-355	3-Axis Thoracic Spine Load Cell for Spine Box Load Cell Assembly	3020-50	FX, FZ, MY																	•																
IF-363	IRTRACC Displacement Sensor Assembly, Metric	TE-3600	DY																															•		
IF-363-IN	IRTRACC Displacement Sensor Assembly, Inch	TE-3600	DY																															•		
IF-366	IRTRACC Displacement Sensor Assembly	TE-3600	DY																•																	
IF-367-1	2D IRTRACC Displacement Sensor, Rib Left	TE-3600	DY																															•		
IF-367-2	2D IRTRACC Displacement Sensor, Rib Right	TE-3600	DY																															•		
IF-368-1	2D IRTRACC Displacement Sensor, Shoulder Left	TE-3600	DY																															•		
IF-368-2	2D IRTRACC Displacement Sensor, Shoulder Right	TE-3600	DY																															•		
IF-371	2D IRTRACC Displacement Sensor - Short Range	TE-3600	DY																																•	
IF-400	3-Axis Lumbar Spine Load Cell	4000-50	FX, FY, FZ																										•							
IF-402	3-Axis Lumbar Spine Load Cell	4020-50	FX, FZ, MY																		•	•						•								

FTSS Load Cell Matrix

Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	Q0	Q1	Q1.5	Q3	Q3s	Q6	Q6s	CRABI 6	CRABI 12	CRABI 18	P 9 MO	P1.5	P3	H3-3YO	H3-6YO	H3-10YO	H3-5th	H3-50th	H3-95th	SIDIIs	ES1	ES2	ES2 RE	BioSID	FAA	RID3D	H2-50TH	US DOT SID	BIORID	H3-50th PED	WSID 50th	WSID 5th	FMH
IF-402J	3-Axis Lumbar Spine Load Cell, J211	4020-50	FX, FZ, MY																		•	•						•								
IF-404	5-Axis Lumbar Spine Load Cell	4040-50	FX, FY, FZ, MX, MY																	•																
IF-405	6-Axis Lumbar Spine Load Cell	4050-50	FX, FY, FZ, MX, MY, MZ																											•	•					
IF-406	6-Axis Lumbar Spine Load Cell	4040-50	FX, FY, FZ, MX, MY, MZ																	•																
IF-410	6-Axis Lumbar Spine Load Cell	4100-50	FX, FY, FZ, MX, MY, MZ																								•									
IF-412	6-Axis Lumbar Spine Load Cell	4120-50	FX, FY, FZ, MX, MY, MZ														•												•							
IF-413	3-Axis Lumbar Load Cell, High Capacity	4130-50	FY, FZ, MX																					•	•	•										
IF-413-6X	6-Axis Lumbar Load Cell	4130-50-6X	FX, FY, FZ, MX, MY, MZ																					•	•	•										
IF-414	6-Axis Lumbar Spine Load Cell	4140-50	FX, FY, FZ, MX, MY, MZ																				•													
IF-415	6-Axis Lumbar Spine Load Cell	4150-50	FX, FY, FZ, MX, MY, MZ															•																		
IF-418	5-Axis Lumbar Spine Load Cell	4100-50	FX, FY, FZ, MX, MY																								•									
IF-420	4-Axis Lumbar Load Cell (T12)	4200-50	FX, FY, MX, MY																						•	•										
IF-422	3-Axis Lumbar Load Cell	4130-50	FY, FZ, MX																					•	•	•										
IF-427	Uniaxial Damper Load Cell	4270-50	FY																												•					
IF-429	3-Axis Lumbar Spine Load Cell	4040-50	FX, FZ, MY																	•																
IF-433	Rib Spine Box Load Cell Assembly - 4-Axis Rib LC [IF-443] & 6-Axis Thoracic LC [IF-319]	4450-50	FX, FY, FZ, MX, MY, MZ																		•															
IF-437	4-Axis Back Plate Load Cell	4370-50	FX, FY, MY, MZ																						•											
IF-437-4N	4-Axis Back Plate Load Cell, Fx = 4000N	4370-50	FX, FY, MY, MZ																						•											
IF-437-5N	4-Axis Back Plate Load Cell, Fx = 5000N	4370-50	FX, FY, MY, MZ																						•											
IF-439	6-Axis Lumbar Spine Load Cell	4390-50	FX, FY, FZ, MX, MY, MZ																		•															
IF-441	4-Axis Back Plate Load Cell for Rib Ext Model	4410-50	FX, FY, MY, MZ																							•										
IF-443	4-Axis Rib Load Cell		FX, FY,FZ, MY																	•																
IF-447	27-Axis Spine Box Load Cell Assembly, 4-Axis Rib [IF-443] & 3-Axis Thoracic LC [IF-335]	4450-50 3100-50	FX, FY, FZ, MY																		•															
IF-451	6-Axis Lumbar Spine Load Cell	4150-50 3020-00	FX, FY, FZ, MX, MY, MZ																•																	
IF-453	6-Axis Lumbar Spine Load Cell	4050-50	FX, FY, FZ, MX, MY, MZ																									•					•			
IF-457	4-Axis Rib Load Cell		FX, FY,FZ, MY																	•																
IF-459	6-Axis Lumbar Spine Load Cell, High Capacity	4150-50	FX, FY, FZ, MX, MY, MZ																•																	
IF-463	27-Axis Spine Box Load Cell Assembly, 4-Axis Rib LC [IF-457] & 3-Axis Thoracic Spine LC [IF-355]	4570-50 3020-50	FX, FY,FZ																	•																
IF-464	6-Axis Lumbar Spine Load Cell	4390-50	FX, FY, FZ, MX, MY, MZ																			•														
IF-501	Strain Gage Load Bolt	5010-50	FX																		•															
IF-501C	Strain Gage Load Bolt, Pair of Six	5010-50	FX (3 per Side)																		•															
IF-506	Uniaxial Ilium Crest Load Cell	5060-50	FY																								•									

FTSS Load Cell Matrix

Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	Q0	Q1	Q1.5	Q3	Q3s	Q6	Q6s	CRABI 6	CRABI 12	CRABI 18	P 9 MO	P1.5	P3	H3-3YO	H3-6YO	H3-10YO	H3-5th	H3-50th	H3-95th	SIDIIs	ES1	ES2	ES2 RE	BioSID	FAA	RID3D	H2-50TH	US DOT SID	BIORID	H3-50th PED	WSID 50th	WSID 5th	FMH
IF-507	Uniaxial Ilium Crest Load Cell	5070-50	FY																				•													
IF-511	Uniaxial ASIS Iliac Wing Load Cell Pair, L&R	5110-50	FX Upper & Lower																			•														
IF-517	2-Axis ASIS Iliac Wing Load Cell Pair, L&R	5170-50	FX, MY																	•																
IF-520	Uniaxial Acetabulum Load Cell	5200-50	FY																				•													
IF-523	Uniaxial Pubic Load Cell	5230-50	FY																								•									
IF-525	2-Axis Pubic Load Cell	5250-50	FX, FZ														•																			
IF-527	Uniaxial Acetabulum Load Cell	5270-50	FY														•																			
IF-528	2-Axis ASIS Load Cell Pair, L&R	5280-50	FX Upper & Lower														•																			
IF-529	Uniaxial Pubic Load Cell	5290-50	FY																				•													
IF-534	2-Axis Pubic Load Cell	5250-50	FX, FZ									•	•																							
IF-536	Uniaxial Sacrum Load Cell	5360-50	FY																								•									
IF-539	Uniaxial Pubic Load Cell	5390-50	FY					•																												
IF-556	Uniaxial Pubic Load Cell	5560-50	FY																					•	•	•										
IF-571	2-Axis ASIS Iliac Load Cell Pair, L&R	5710-50	FX Upper & Lower															•	•																	
IF-600	Uniaxial Abdominal Load Cell	6000-50	FY																					•	•	•										
IF-604	Uniaxial Femur Load Cell	6040-50	FZ																	•	•	•						•		•			•			
IF-605	Uniaxial Femur Load Cell	6050-50	FZ															•	•																	
IF-611	6-Axis Femur Load Cell	6110-50	FX, FY, FZ, MX, MY, MZ															•	•																	
IF-612	6-Axis Upper Femur Load Cell, with Lower Adapter	6120-50	FX, FY, FZ, MX, MY, MZ																		•	•						•					•			
IF-614	Uniaxial Femur Load Cell Pair, L&R	6140-50	FY																				•													
IF-6141	Uniaxial Femur Load Cell, Left Side	6140-50	FY																				•													
IF-6142	Uniaxial Femur Load Cell, Right Side	6140-50	FY																				•													
IF-622-1	6-Axis Femur Load Cell, Left Side	6220-50	FX, FY, FZ, MX, MY, MZ							•																										
IF-622-2	6-Axis Femur Load Cell,Right Side	6220-50	FX, FY, FZ, MX, MY, MZ							•																										
IF-625	6-Axis Femur Load Cell	6250-50	FX, FY, FZ, MX, MY, MZ																	•	•	•	•					•			•		•			
IF-625J	6-Axis Femur Force Load Cell, J211	6250-50	FX, FY, FZ, MX, MY, MZ																	•	•	•	•					•			•		•			
IF-628	6-Axis Femur Load Cell without End Caps	6250-50	FX, FY, FZ, MX, MY, MZ																	•	•	•	•										•			
IF-631	6-Axis Femur Load Cell with Aluminum Caps	6250-50	FX, FY, FZ, MX, MY, MZ																					•	•	•										
IF-631J	6-Axis Femur Load Cell with Aluminum Caps, J211	6250-50	FX, FY, FZ, MX, MY, MZ																					•	•	•										
IF-705	18-Axis Instrumented Arm, Accels not included	N/A																		•			•													
IF-711-RZ	4-Axis Upper & 4-Axis Lower Instrumented Upper Arm, Right Side	7070-50 7090-50	FX, FY, MX, MY																		•												•			
IF-711-LZ	4-Axis Upper & 4-Axis Lower Instrumented Upper Arm, Left Side	7070-50 7090-50	FX, FY, MX, MY																		•												•			

FTSS Load Cell Matrix

Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	Q0	Q1	Q1.5	Q3	Q3s	Q6	Q6s	CRABI 6	CRABI 12	CRABI 18	P 9 MO	P1.5	P3	H3-3YO	H3-6YO	H3-10YO	H3-5th	H3-50th	H3-95th	SIDIIs	ES1	ES2	ES2 RE	BioSID	FAA	RID3D	H2-50TH	US DOT SID	BIORID	H3-50th PED	WSID 50th	WSID 5th	FMH
IF-715	6-Axis Lower Arm Load Cell	7150-50	FX, FY, FZ, MX, MY, MZ																	•			•													
IF-717	2-Axis Wrist Load Cell	7170-50	MX, MY																	•			•													
IF-719	6-Axis Upper Arm Load Cell	7190-50	FX, FY, FZ, MX, MY, MZ																	•			•													
IF-721	2-Axis Elbow Load Cell	7210-50	MX, MY																	•			•													
IF-723	4-Axis Upper Arm Load Cell, Left or Right Side		FX, FZ, MY, MZ																		•															
IF-725	4-Axis Upper Arm Load Cell Pair, L&R	7070-50	FX, FZ, MY, MZ																		•															
IF-801	20-Axis Inst Lower Legs, Pair (IF-803/IF-820/IF-825)	8000-50-L																			•															
IF-803	2-Axis Knee Clevis Load Cell	8000-50-L	FZ X 2																		•															
IF-805	2-Axis Knee Clevis Load Cell	8000-50-L	FZ X 2																	•																
IF-807	20-Axis Inst Lower Legs, Pair (IF-803/IF-820/IF-819)	8000-50-L																			•															
IF-809	20-Axis Inst Lower Legs, Pair (IF-805/IF-820/IF-819)	8000-50-L																		•																
IF-811	20-Axis Inst Lower Legs, Pair (IF-805/IF-820/IF-825)	8000-50-L																		•																
IF-815	20-Axis Inst Lower Legs, Pair (IF-823/IF-820/IF-819)	8000-50-L																				•														
IF-817	20-Axis Inst Lower Legs, Pair (IF-820/IF-825/IF-823)	8000-50-L																				•														
IF-819	4-Axis Lower Tibia Load Cell	8000-50-L	FX, FY, MX, MY																	•	•	•														
IF-820	4-Axis Upper Tibia Load Cell	8000-50-L	FX, FZ, MX, MY																	•	•	•														
IF-823	2-Axis Knee Clevis Load Cell	8000-50-L	FZ X 2																			•														
IF-825	4-Axis Lower Tibia Load Cell	8000-50-L	FX, FZ, MX, MY																	•	•	•														
IF-853	5-Axis Lower Tibia Load Cell	8000-50-L	FX, FY, FZ, MX, MY																	•	•	•														
IF-853-6X	6-Axis Lower Tibia Load Cell	8000-50-L	FX, FY, FZ, MX, MY, MZ																	•	•	•														
IF-855	24-Axis Inst Lower Legs, Pair (IF-803/IF-857/IF-853)	8000-50-L																			•															
IF-857	5-Axis Upper Tibia Load Cell	8000-50-L	FX, FY, FZ, MX, MY																	•	•	•														
IF-867	Uniaxial Toe Load Cell Pair, L&R		FZ																		•															
IF-871	5-Axis Ankle-Uniaxial Toe Load Cell Pair, L&R	8710-50	FX, FY, FZ, MX, MY/FZ																		•							•					•			
IF-891	5-Axis Ankle Load Cell Pair, L&R	8910-50	FX, FY, FZ, MX, MY																		•															
IF-8911	5-Axis Ankle Load Cell, Left Side	8910-50	FX, FY, FZ, MX, MY																		•															
IF-8912	5-Axis Ankle Load Cell, Right Side	8910-50	FX, FY, FZ, MX, MY																		•															
IF-901	3-Axis Steering Wheel Load Cell	9010-50	FX, FY, FZ																																	
IF-930	3-Axis 20K Seat Pan Load Cell	9300-50	FX, FY, FZ																																	
IF-954	6-Axis Neck/Lumbar Load Cell	9540-50	FX, FY, FZ, MX, MY, MZ								•	•	•		•														•							
IF-964	Webb Load Cell	9640-50																																		
IF-966	Seat Belt Load Cell, 16KN Capacity, Aluminum																																			

FTSS Load Cell Matrix

Load Cell Model #	Load Cell Description	Calibration Fixture	Axis	Q0	Q1	Q1.5	Q3	Q3s	Q6	Q6s	CRABI 6	CRABI 12	CRABI 18	P 9 MO	P1.5	P3	H3-3YO	H3-6YO	H3-10YO	H3-5th	H3-50th	H3-95th	SIDIIs	ES1	ES2	ES2 RE	BioSID	FAA	RID3D	H2-50TH	US DOT SID	BIORID	H3-50th PED	WSID 50th	WSID 5th	FMH
W50-71001	6-Axis Universal Lower Neck Load Cell	W50-71230	FX, FY, FZ, MX, MY, MZ																															•	•	
W50-71005	6-Axis Universal Neck Load Cell	W50-71230	FX, FY, FZ, MX, MY, MZ																															•	•	
W50-71010	6-Axis Universal Leg Load Cell	W50-71270	FX, FY, FZ, MX, MY, MZ																															•		
W50-71020	Uniaxial Knee Contact Load Cell	W50-71660	FY																															•		
W50-71051	Uniaxial Pubic Load Cell Assembly	W50-71056	FY																															•	•	
W50-71060	2-Axis Elbow Load Cell	W50-71450	MX, MY																															•		
W50-71070	6-Axis Universal Arm Load Cell	W50-71290	FX, FY, FZ, MX, MY, MZ																															•		
W50-71080	3-Axis Femoral Neck Load Cell, Right Side	W50-71520	FX, FY, FZ																															•		
W50-71081	3-Axis Femoral Neck Load Cell, Left Side	W50-71520	FX, FY, FZ																															•		
W50-71090	3 Axis Shoulder Load Cell, Left Side	W50-71850	FX, FY, FZ																															•	•	
W50-71091	3-Axis Shoulder Load Cell, Right Side	W50-71850	FX, FY, FZ																															•	•	