

2004 FMVSS 208 Upgrade
Instrumentation Data Channel Assignments
Driver A.T.D. Serial Number 043
9/9/04
2004 Jeep Liberty 4-Door MPV

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
1	HEAD, PRIMARY	X	KEAC039X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
2	HEAD, PRIMARY	Y	KEAC038Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
3	HEAD, PRIMARY	Z	KEAC027Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
4	NAAH CG	X	GPAC038X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
5	NAAH CG	Y	GPAC039Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
6	NAAH CG	Z	GPAC040Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
7	NAAH X-ARM	Y	GPAC018Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
8	NAAH X-ARM	Z	GPAC004X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
9	NAAH Y-ARM	X	GPAC015X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
10	NAAH Y-ARM	Z	GPAC016Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
11	NAAH Z-ARM	X	GPAC006Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
12	NAAH Z-ARM	Y	GPAC007Z	Load cell, six axis neck	R. A. Denton	1716A	Nm
13	NECK FORCE	X	GPUN01FX	Load cell, six axis neck	R. A. Denton	1716A	N
14	NECK FORCE	Y	GPUN01FY	Load cell, six axis neck	R. A. Denton	1716A	N
15	NECK FORCE	Z	GPUN01FZ	Load cell, six axis neck	R. A. Denton	1716A	N
16	NECK MOMENT	X	GPUN01MX	Load cell, six axis neck	R. A. Denton	1716A	Nm
17	NECK MOMENT	Y	GPUN01MY	Load cell, six axis neck	R. A. Denton	1716A	Nm
18	NECK MOMENT	Z	GPUN01MZ	Load cell, six axis neck	R. A. Denton	1716A	Nm
19	CHEST, PRIMARY	X	KEAC032X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
20	CHEST, PRIMARY	Y	GPAC017Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
21	CHEST, PRIMARY	Z	KEAC026Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
22	CHEST, REDUNDANT	X	KEAC023X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
23	CHEST, REDUNDANT	Y	KEAC022Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
24	CHEST, REDUNDANT	Z	KEAC024Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G

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CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
25	CHEST DISPLACEMENT	X	V043CD	Rotary Pot Chest	SERVO	84892-A	MM
26	LEFT FEMUR FORCE	Z	V043LF	Load cell, Femur	R.A. Denton	IF625	N
27	RIGHT FEMUR FORCE	Z	V043RF	Load cell, Femur	R.A. Denton	IF625	N
28	LEFT KNEE DISPLACEMENT	Z	VPL043LK	Displacement pot, Knee	Space Age	150-0121	MM
29	RIGHT KNEE DISPLACEMENT	Z	VPL043RK	Displacement pot, Knee	Space Age	150-0121	MM
30	LEFT TIBIA	X	VLTX	Accel., 1/2 bridge	Endevco	7264-2000	G
31	LEFT TIBIA	Y	VLTY	Accel., 1/2 bridge	Endevco	7264-2000	G
32	LEFT FOOT	X	VLFX	Accel., 1/2 bridge	Endevco	7264-2000	G
33	LEFT FOOT	Y	VLFY	Accel., 1/2 bridge	Endevco	7264-200	G
34	LEFT FOOT	Z	VLFZ	Accel., 1/2 bridge	Endevco	7264-200	G
35	LEFT UPPER TIBIA FORCE	X	VLUTFX	Load cell, Tibia	R. A. Denton	4353J	N
36	LEFT UPPER TIBIA FORCE	Z	VLUTFZ	Load cell, Tibia	R. A. Denton	4353J	N
37	LEFT UPPER TIBIA MOMENT	X	VLUTMX	Load cell, Tibia	R. A. Denton	4353J	Nm
38	LEFT UPPER TIBIA MOMENT	Y	VLUTMY	Load cell, Tibia	R. A. Denton	4353J	Nm
39	LEFT LOWER TIBIA FORCE	X	VLLTFX	Load cell, Tibia	R. A. Denton	4929J	N
40	LEFT LOWER TIBIA FORCE	Y	VLLTFY	Load cell, Tibia	R. A. Denton	4929J	N
41	LEFT LOWER TIBIA FORCE	Z	VLLTFZ	Load cell, Tibia	R. A. Denton	4929J	N
42	LEFT LOWER TIBIA MOMENT	X	VLLTMX	Load cell, Tibia	R. A. Denton	4929J	Nm
43	LEFT LOWER TIBIA MOMENT	Y	VLLTMY	Load cell, Tibia	R. A. Denton	4929J	Nm
44	LEFT ANKLE ROTATION	X	VLANKX	Rotary Potentiometer	Contelec	PD210-4B	Deg
45	LEFT ANKLE ROTATION	Y	VLANKY	Rotary Potentiometer	Contelec	PD210-4B	Deg
46	LEFT ANKLE ROTATION	Z	VLANKZ	Rotary Potentiometer	Contelec	PD210-4B	Deg

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CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
47	RIGHT TIBIA	X	VRTX	Accel., 1/2 bridge	Endevco	7264-2000	G
48	RIGHT TIBIA	Y	VRTY	Accel., 1/2 bridge	Endevco	7264-2000	G
49	RIGHT FOOT	X	VRFX	Accel., 1/2 bridge	Endevco	7264-2000	G
50	RIGHT FOOT	Y	VRFY	Accel., 1/2 bridge	Endevco	7264-200	G
51	RIGHT FOOT	Z	VRFZ	Accel., 1/2 bridge	Endevco	7264-200	G
52	RIGHT UPPER TIBIA FORCE	X	VRUTFX	Load cell, Tibia	R. A. Denton	4353J	N
53	RIGHT UPPER TIBIA FORCE	Z	VRUTFZ	Load cell, Tibia	R. A. Denton	4353J	N
54	RIGHT UPPER TIBIA MOMENT	X	VRUTMX	Load cell, Tibia	R. A. Denton	4353J	Nm
55	RIGHT UPPER TIBIA MOMENT	Y	VRUTMY	Load cell, Tibia	R. A. Denton	4353J	Nm
56	RIGHT LOWER TIBIA FORCE	X	VRLTFX	Load cell, Tibia	R. A. Denton	4929J	N
57	RIGHT LOWER TIBIA FORCE	Y	VRLTFY	Load cell, Tibia	R. A. Denton	4929J	N
58	RIGHT LOWER TIBIA FORCE	Z	VRLTFZ	Load cell, Tibia	R. A. Denton	4929J	N
59	RIGHT LOWER TIBIA MOMENT	X	VRLTMX	Load cell, Tibia	R. A. Denton	4929J	Nm
60	RIGHT LOWER TIBIA MOMENT	Y	VRLTMY	Load cell, Tibia	R. A. Denton	4929J	Nm
61	RIGHT ANKLE ROTATION	X	VRANKX	Rotary Potentiometer	Contelec	PD210-4B	Deg
62	RIGHT ANKLE ROTATION	Y	VRANKY	Rotary Potentiometer	Contelec	PD210-4B	Deg
63	RIGHT ANKLE ROTATION	Z	VRANKZ	Rotary Potentiometer	Contelec	PD210-4B	Deg
64	LAP BELT FORCE	X	BL134	Load cell, Seat belt	First Tech	IF-964	N
65	SHOULDER BELT FORCE	X	BL135	Load cell, Seat belt	First Tech	IF-964	N
66	SHOULDER BELT SPOOL	X	KEPP001	Pullout pot	Celesco	PTX101-0030	MM

2004 FMVSS 208 Upgrade
Instrumentation Data Channel Assignments
Passenger A.T.D. Serial Number 045
9/9/04
2004 Jeep Liberty 4-Door MPV

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
67	HEAD, PRIMARY	X	KEAC083X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
68	HEAD, PRIMARY	Y	KEAC084Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
69	HEAD, PRIMARY	Z	KEAC085Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
70	NAAH CG	X	GPAC044X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
71	NAAH CG	Y	GPAC045Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
72	NAAH CG	Z	GPAC046Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
73	NAAH X-ARM	Y	GPAC014Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
74	NAAH X-ARM	Z	GPAC036X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
75	NAAH Y-ARM	X	GPAC001X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
76	NAAH Y-ARM	Z	GPAC012Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
77	NAAH Z-ARM	X	GPAC030Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
78	NAAH Z-ARM	Y	GPAC037Z	Load cell, six axis neck	R. A. Denton	1716A	Nm
79	NECK FORCE	X	GPUN02FX	Load cell, six axis neck	R. A. Denton	1716A	N
80	NECK FORCE	Y	GPUN02FY	Load cell, six axis neck	R. A. Denton	1716A	N
81	NECK FORCE	Z	GPUN02FZ	Load cell, six axis neck	R. A. Denton	1716A	N
82	NECK MOMENT	X	GPUN02MX	Load cell, six axis neck	R. A. Denton	1716A	Nm
83	NECK MOMENT	Y	GPUN02MY	Load cell, six axis neck	R. A. Denton	1716A	Nm
84	NECK MOMENT	Z	GPUN02MZ	Load cell, six axis neck	R. A. Denton	1716A	Nm
85	CHEST, PRIMARY	X	GPAC011Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
86	CHEST, PRIMARY	Y	GPAC010Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
87	CHEST, PRIMARY	Z	GPAC034X	Accel.,Full bridge	Entran	EGEB6Q-2K	G
88	CHEST, REDUNDANT	X	GPAC020Z	Accel.,Full bridge	Entran	EGEB6Q-2K	G
89	CHEST, REDUNDANT	Y	GPAC027Y	Accel.,Full bridge	Entran	EGEB6Q-2K	G
90	CHEST, REDUNDANT	Z	GPAC005X	Accel.,Full bridge	Entran	EGEB6Q-2K	G

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Instrumentation Data Channel Assignments
Passenger A.T.D. Serial Number 045
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CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
91	CHEST DISPLACEMENT	X	V045CD	Rotary Pot Chest	SERVO	84892-A	MM
92	LEFT FEMUR FORCE	Z	V045LF	Load cell, Femur	R.A. Denton	IF625	N
93	RIGHT FEMUR FORCE	Z	V045RF	Load cell, Femur	R.A. Denton	IF625	N
94	LEFT KNEE DISPLACEMENT	Z	VPL045LK	Displacement pot, Knee	Space Age	150-0121	MM
95	RIGHT KNEE DISPLACEMENT	Z	VPL045RK	Displacement pot, Knee	Space Age	150-0121	MM
96	LEFT TIBIA	X	VLTX	Accel., 1/2 bridge	Endevco	7264-2000	G
97	LEFT TIBIA	Y	VLTY	Accel., 1/2 bridge	Endevco	7264-2000	G
98	LEFT FOOT	X	VLFX	Accel., 1/2 bridge	Endevco	7264-2000	G
99	LEFT FOOT	Y	VLFY	Accel., 1/2 bridge	Endevco	7264-200	G
100	LEFT FOOT	Z	VLFZ	Accel., 1/2 bridge	Endevco	7264-200	G
101	LEFT UPPER TIBIA FORCE	X	VLUTFX	Load cell, Tibia	R. A. Denton	4353J	N
102	LEFT UPPER TIBIA FORCE	Z	VLUTFZ	Load cell, Tibia	R. A. Denton	4353J	N
103	LEFT UPPER TIBIA MOMENT	X	VLUTMX	Load cell, Tibia	R. A. Denton	4353J	Nm
104	LEFT UPPER TIBIA MOMENT	Y	VLUTMY	Load cell, Tibia	R. A. Denton	4353J	Nm
105	LEFT LOWER TIBIA FORCE	X	VLLTFX	Load cell, Tibia	R. A. Denton	4929J	N
106	LEFT LOWER TIBIA FORCE	Y	VLLTFY	Load cell, Tibia	R. A. Denton	4929J	N
107	LEFT LOWER TIBIA FORCE	Z	VLLTFZ	Load cell, Tibia	R. A. Denton	4929J	N
108	LEFT LOWER TIBIA MOMENT	X	VLLTMX	Load cell, Tibia	R. A. Denton	4929J	Nm
109	LEFT LOWER TIBIA MOMENT	Y	VLLTMY	Load cell, Tibia	R. A. Denton	4929J	Nm
110	LEFT ANKLE ROTATION	X	VLANKX	Rotary Potentiometer	Contelec	PD210-4B	Deg
111	LEFT ANKLE ROTATION	Y	VLANKY	Rotary Potentiometer	Contelec	PD210-4B	Deg
112	LEFT ANKLE ROTATION	Z	VLANKZ	Rotary Potentiometer	Contelec	PD210-4B	Deg

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Instrumentation Data Channel Assignments
Passenger A.T.D. Serial Number 045
9/9/04
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CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
113	RIGHT TIBIA	X	VRTX	Accel., 1/2 bridge	Endevco	7264-2000	G
114	RIGHT TIBIA	Y	VRTY	Accel., 1/2 bridge	Endevco	7264-2000	G
115	RIGHT FOOT	X	VRFX	Accel., 1/2 bridge	Endevco	7264-2000	G
116	RIGHT FOOT	Y	VRFY	Accel., 1/2 bridge	Endevco	7264-200	G
117	RIGHT FOOT	Z	VRFZ	Accel., 1/2 bridge	Endevco	7264-200	G
118	RIGHT UPPER TIBIA FORCE	X	VRUTFX	Load cell, Tibia	R. A. Denton	4353J	N
119	RIGHT UPPER TIBIA FORCE	Z	VRUTFZ	Load cell, Tibia	R. A. Denton	4353J	N
120	RIGHT UPPER TIBIA MOMENT	X	VRUTMX	Load cell, Tibia	R. A. Denton	4353J	Nm
121	RIGHT UPPER TIBIA MOMENT	Y	VRUTMY	Load cell, Tibia	R. A. Denton	4353J	Nm
122	RIGHT LOWER TIBIA FORCE	X	VRLTFX	Load cell, Tibia	R. A. Denton	4929J	N
123	RIGHT LOWER TIBIA FORCE	Y	VRLTFY	Load cell, Tibia	R. A. Denton	4929J	N
124	RIGHT LOWER TIBIA FORCE	Z	VRLTFZ	Load cell, Tibia	R. A. Denton	4929J	N
125	RIGHT LOWER TIBIA MOMENT	X	VRLTMX	Load cell, Tibia	R. A. Denton	4929J	Nm
126	RIGHT LOWER TIBIA MOMENT	Y	VRLTMY	Load cell, Tibia	R. A. Denton	4929J	Nm
127	RIGHT ANKLE ROTATION	X	VRANKX	Rotary Potentiometer	Contelec	PD210-4B	Deg
128	RIGHT ANKLE ROTATION	Y	VRANKY	Rotary Potentiometer	Contelec	PD210-4B	Deg
129	RIGHT ANKLE ROTATION	Z	VRANKZ	Rotary Potentiometer	Contelec	PD210-4B	Deg
130	LAP BELT FORCE	X	BL136	Load cell, Seat belt	First Tech	IF-964	N
131	SHOULDER BELT FORCE	X	BL137	Load cell, Seat belt	First Tech	IF-964	N
132	SHOULDER BELT SPOOL	X	KEPP001	Pullout pot	Celesco	PTX101-0030	MM

2004 FMVSS 208 Upgrade
Instrumentation Data Channel Assignments
Center Rear Passenger A.T.D. Serial Number 055
9/9/04
2004 Jeep Liberty 4-Door MPV

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
133	HEAD, PRIMARY	X	V055HX	Accel.,Full bridge	Entran	EGEB6Q-2K	G
134	HEAD, PRIMARY	Y	V055HY	Accel.,Full bridge	Entran	EGEB6Q-2K	G
135	HEAD, PRIMARY	Z	V055HZ	Accel.,Full bridge	Entran	EGEB6Q-2K	G
136	NAAH CG	X	V055NHX	Accel.,Full bridge	Entran	EGEB6Q-2K	G
137	NAAH CG	Y	V055NHY	Accel.,Full bridge	Entran	EGEB6Q-2K	G
138	NAAH CG	Z	V055NHZ	Accel.,Full bridge	Entran	EGEB6Q-2K	G
139	NAAH X-ARM	Y	V055NXY	Accel.,Full bridge	Entran	EGEB6Q-2K	G
140	NAAH X-ARM	Z	V055NXZ	Accel.,Full bridge	Entran	EGEB6Q-2K	G
141	NAAH Y-ARM	X	V055NYX	Accel.,Full bridge	Entran	EGEB6Q-2K	G
142	NAAH Y-ARM	Z	V055NYZ	Accel.,Full bridge	Entran	EGEB6Q-2K	G
143	NAAH Z-ARM	X	V055NZX	Accel.,Full bridge	Entran	EGEB6Q-2K	G
144	NAAH Z-ARM	Y	V055NZY	Load cell, six axis neck	R. A. Denton	1716A	Nm
145	NECK FORCE	X	V055NFX	Load cell, six axis neck	R. A. Denton	1716A	N
146	NECK FORCE	Y	V055NFY	Load cell, six axis neck	R. A. Denton	1716A	N
147	NECK FORCE	Z	V055NFZ	Load cell, six axis neck	R. A. Denton	1716A	N
148	NECK MOMENT	X	V055NMX	Load cell, six axis neck	R. A. Denton	1716A	Nm
149	NECK MOMENT	Y	V055NMY	Load cell, six axis neck	R. A. Denton	1716A	Nm
150	NECK MOMENT	Z	V055NMZ	Load cell, six axis neck	R. A. Denton	1716A	Nm

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Instrumentation Data Channel Assignments
Center Rear Passenger A.T.D. Serial Number 055
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CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
151	CHEST, PRIMARY	X	V055CX	Accel., Full bridge	Entran	EGEB6Q-2K	G
152	CHEST, PRIMARY	Y	V055CY	Accel., Full bridge	Entran	EGEB6Q-2K	G
153	CHEST, PRIMARY	Z	V055CZ	Accel., Full bridge	Entran	EGEB6Q-2K	G
154	CHEST DISPLACEMENT	X	V055CD	Rotary Pot Chest	Maurey	81422	MM
155	LEFT FEMUR FORCE	Z	V055LF	Load cell, Femur	R.A. Denton	2121	N
156	RIGHT FEMUR FORCE	Z	V055RF	Load cell, Femur	R.A. Denton	2121	N
157	LEFT KNEE DISPLACEMENT	Z	VPL055LK	Displacement pot, Knee	Space age	150-0121	MM
158	RIGHT KNEE DISPLACEMENT	Z	VPL055RK	Displacement pot, Knee	Space Age	150-0121	MM
159	LAP BELT FORCE	X	BL172	Load cell, Seat belt	First Tech	IF-964	N
160	SHOULDER BELT FORCE	X	BL173	Load cell, Seat belt	First Tech	IF-964	N
161	SHOULDER BELT SPOOL	X	KEPP001	Pullout pot	Celesco	PTX101-0030	MM

2004 FMVSS 208 Upgrade
Instrumentation Data Channel Assignments
Vehicle Accelerometers and Firing Circuits
9/9/04
2004 Jeep Liberty 4-Door MPV

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
162	LEFT REAR	X	KEVA002	Accel., Vehicle block	I.C. Sensor	3031-500	G
163	RIGHT REAR	X	KEVA004	Accel., Vehicle block	I.C. Sensor	3031-200	G
164	LEFT BRAKE CALIPER	X	KEVA005	Accel., Vehicle block	I.C. Sensor	3031-500	G
165	RIGHT BRAKE CALIPER	X	KEVA007	Accel., Vehicle block	I.C. Sensor	3031-500	G
166	INSTRUMENT PANEL	X	KEVA011	Accel., Vehicle block	I.C. Sensor	3031-500	G
167	ENGINE TOP	X	KEVA018	Accel., Vehicle block	I.C. Sensor	3031-500	G
168	ENGINE BOTTOM	X	KEVA008	Accel., Vehicle block	I.C. Sensor	3031-200	G
174	REAR CENTER COMPARTMENT	X	KEVA001	Accel., Vehicle block	I.C. Sensor	3031-500	G
169	TOE PAN ACCELERATOR	X	KETX006	Accel., Vehicle block	I.C. Sensor	3031-500	G
170	TOE PAN ACCELERATOR	Z	KETX006	Accel., Vehicle block	I.C. Sensor	3031-200	G
171	TOE PAN FOOTREST	X	KETX005	Accel., Vehicle block	I.C. Sensor	3031-500	G
172	TOE PAN FOOTREST	Z	KETX005	Accel., Vehicle block	I.C. Sensor	3031-200	G
173	REAR DECK	Z	KEVA020	Accel., Vehicle block	I.C. Sensor	3031-500	G
175	DRVR ABG SQUIB 1st Stage	N/A	SQUIB1	Squib Firing Sensor	EEURD	CTL-6-S32-8F	On/Off
176	DRVR ABG SQUIB 2nd Stage	N/A	SQUIB2	Squib Firing Sensor	EEURD	CTL-6-S32-8F	On/Off
177	DRVR PRETENSIONER	N/A	SQUIB3	Squib Firing Sensor	EEURD	CTL-6-S32-8F	On/Off
178	PASS ABG SQUIB 1st Stage	N/A	SQUIB4	Squib Firing Sensor	EEURD	CTL-6-S32-8F	On/Off
179	PASS ABG SQUIB 2nd Stage	N/A	SQUIB5	Squib Firing Sensor	EEURD	CTL-6-S32-8F	On/Off
180	PASS PRETENSIONER	N/A	SQUIB6	Squib Firing Sensor	EEURD	CTL-6-S32-8F	On/Off

2004 FMVSS 208 Upgrade
Instrumentation Data Channel Assignments
Rigid Load Cell Barrier
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2004 Jeep Liberty 4-Door MPV

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
181	BARRIER FORCE A1	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
182	BARRIER FORCE A2	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
183	BARRIER FORCE A3	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
184	BARRIER FORCE A4	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
185	BARRIER FORCE A5	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
186	BARRIER FORCE A6	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
187	BARRIER FORCE A7	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
188	BARRIER FORCE A8	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
189	BARRIER FORCE A9	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
190	BARRIER FORCE B1	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
191	BARRIER FORCE B2	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
192	BARRIER FORCE B3	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
193	BARRIER FORCE B4	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
194	BARRIER FORCE B5	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
195	BARRIER FORCE B6	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
196	BARRIER FORCE B7	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
197	BARRIER FORCE B8	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
198	BARRIER FORCE B9	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N

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Instrumentation Data Channel Assignments
Rigid Load Cell Barrier
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2004 Jeep Liberty 4-Door MPV

CH.	LOCATION	AXIS	IDENT. NO.	DESCRIPTION	MFR	MODEL	UNITS
199	BARRIER FORCE C1	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
200	BARRIER FORCE C2	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
201	BARRIER FORCE C3	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
202	BARRIER FORCE C4	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
203	BARRIER FORCE C5	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
204	BARRIER FORCE C6	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
205	BARRIER FORCE C7	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
206	BARRIER FORCE C8	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
207	BARRIER FORCE C9	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
208	BARRIER FORCE D1	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
209	BARRIER FORCE D2	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
210	BARRIER FORCE D3	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
211	BARRIER FORCE D4	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
212	BARRIER FORCE D5	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
213	BARRIER FORCE D6	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
214	BARRIER FORCE D7	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
215	BARRIER FORCE D8	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N
216	BARRIER FORCE D9	X	BARRIER	Load Cell, LCB	Interface	1220-FS	N