

PRELIMINARY INJURY SUMMARY: DRIVER
THOR Serial No. DL9207

Location	Description	Units	Source	Max	Min
Head	HIC 15ms		Compute	177.2	
	Brain Injury Criteria (BrIC)		Compute	0.89	
	Head Rotational Velocity X	deg/s	60	667.2	-1201.1
	Head Rotational Velocity Y	deg/s	60	604.1	-1489.1
	Head Rotational Velocity Z	deg/s	60	1705.9	-1627.1
Neck	Upper Neck Z-axis Force	N	1000	890.5	-1854.9
	Upper Neck Y-axis Moment	Nm	600	12.2	-9.0
Chest	Upper Left IR-TRACC - X Deflection	mm	Diadem	28.1	
	Upper Right IR-TRACC - X Deflection	mm	Diadem	36.8	
	Lower Left IR-TRACC X - Deflection	mm	Diadem	23.0	
	Lower Right IR-TRACC X - Deflection	mm	Diadem	35.2	
Abdomen	Lower Left IR-TRACC X - Deflection	mm	Diadem	0.3	-38.7
	Lower Right IR-TRACC X - Deflection	mm	Diadem	0.6	-62.7
Acetabulum	Left Acetabulum Resultant Force	N	Compute	2819.5	
	Right Acetabulum Resultant Force	N	Compute	1756.3	
Femur	Left Femur Force, FZ	N	600	737.6	-2683.7
	Right Femur Force, FZ	N	600	903.2	-2097.4
Tibia	Left Upper Tibia, FZ	N	600	280.7	-535.0
	Left Upper Tibia, Index		Compute	0.56	
	Right Upper Tibia, FZ	N	600	414.2	-1498.3
	Right Upper Tibia, Index		Compute	0.73	
	Left Lower Tibia, FZ	N	600	47.2	-1441.5
	Left Lower Tibia, Index		Compute	0.37	
	Right Lower Tibia, FZ	N	600	219.8	-1531.0
	Right Lower Tibia, Index		Compute	0.78	
Ankle	Left Ankle Rotation, RX	deg	180	13.4	-16.5
	Left Ankle Rotation, RY	deg	180	13.7	-22.9
	Left Ankle Dorsiflexion, MY	Nm	Compute	56.5	-1.1
	Left Ankle In/Eversion Moment, MX	Nm	Compute	29.6	-81.6
	Right Ankle Rotation, RX	deg	180	13.4	-16.5
	Right Ankle Rotation, RY	deg	180	13.7	-22.9
	Right Ankle Dorsiflexion, MY	Nm	Compute	19.2	-31.5
	Right Ankle In/Eversion Moment, MX	Nm	Compute	27.2	-150.3
Anomalies:					

*DIAdem-THOR Processing Software v2.6.

