

Test Day - 11/23/2020

S201123-1

FRT - ALTSHD - 7

2017 MAZDA CX3 0° Frontal Test

Driver: THOR 50M 016 - Alt Shoulder
* Neutral / Slouched

Passenger: THOR 50M 015 - Original Shoulder
* Neutral / Slouched

SEAT Position - Mid-track / Mid Angle / Mid Height

SEAT Position: Mid track

SEAT Back Angle = 4.2°

SEAT Back Angle = 4.9°

Tilt Sensors	X	Y
Head	0.0	- .5
T1	.3	2.5
T6	.5	22.6
T12	0.0	31.4
Pelvis	0.1	33.9

Tilt Sensors	X	Y
Head	.2	.5
T1	-.2	4.1
T6	.3	23.8
T12	1.1	32.3
Pelvis	1	32.8

Notes: Tried to Match Driver Seating Data to test #1

* Shoulder was a little looser than original so couldn't MATCH EXACTLY (kept rotating forward to hold steering wheel)

Passenger Seating Data was matched to Test # 4, 5, 6

* SEATS were modified prior to test #4

All Frontal test will be matched to this seating

Post Test Notes: Drivers → Lap Belt - Large spike @ 100msec
Rear Neck Spring Force Spike
T1 Y-Accelerometer Spike
Right Upper IR-TRACC - Looks odd
Double Check Lower Chest IR Values
Chest Lower Right Y-Pot - Looks odd
Left Knee Slider

Passenger → Spike in Acceleration Left FX, FY, FZ @ 185msec.