

Test Day: 12-10-2020

S201210-1

FRT, ALTSHLD, 12

2017 MAZDA CX3 0° Frontal Test

Driver: THORSOM 016
* Neutral / ERECT Slouched

Passenger: THORSOM 015 Alt Shoulder
* Neutral / Slouched

Seat Position: Mid-track / Mid-Angle / Mid-height

SEAT Position: Mid-track

Seat Back: 4.7°

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Tilt Sensors	X	Y
Head	0.1	-1.4
T1	-0.5	2.0
T6	-0.4	21.7
T12	-0.8	30.6
Pelvis	.2	34.3

Tilt Sensors	X	Y
Head	.4	0.0
T1	-0.2	3.7
T6	.4	24.3
T12	.9	32.8
Pelvis	0.0	34.8

Pre-test - Driver C3 point was not in tolerance

* Point on jacket is different Jacket must be tighter on Dummy, needed to be out more in X-direction

Post Test → Lost Passenger Front Neck Spring Load channel

Driver seat failed inboard seat track broke and slid forward