

10/27 - Test Day

SZ01027-1

FRT-ALTSMLD-03

2017 MAZDA CX3 20° Oblique Frontal SEAT Testing

Driver: N/A

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

No Driver: SEAT Couldn't
be installed after
Test 2 - Floor Pan
was bent. Needed brought
back to VRTC for Repair.

SEAT Position: Mid-track

SEAT BACK: 4.3°

* It was decided to run
Passenger only.

TILT SENSORS	X	Y
Head	-.4	-2.4°
T1	-.7	2.6°
T6	.1	23.1°
T12	.8	31.7°
Pelvis	.8	32.8°

* Added Side View Camera From Driver's Side After Removing Door
No Driver SEAT, Steering Wheel for Better Camera Coverage

* Added weight to the back to Adjust for Dummy, Door, SEAT
* 300lbs BALLAST Added

Post Test

* No Visible Buck Damage

When replacing parts it was found the seat Anchor points were yielding
the same as the drivers side.

It was decided to pull the buck and re-inforce seat Anchors differently

* Anchors were all cut out and new Anchors were installed and welded
to the 1/2" plate.