

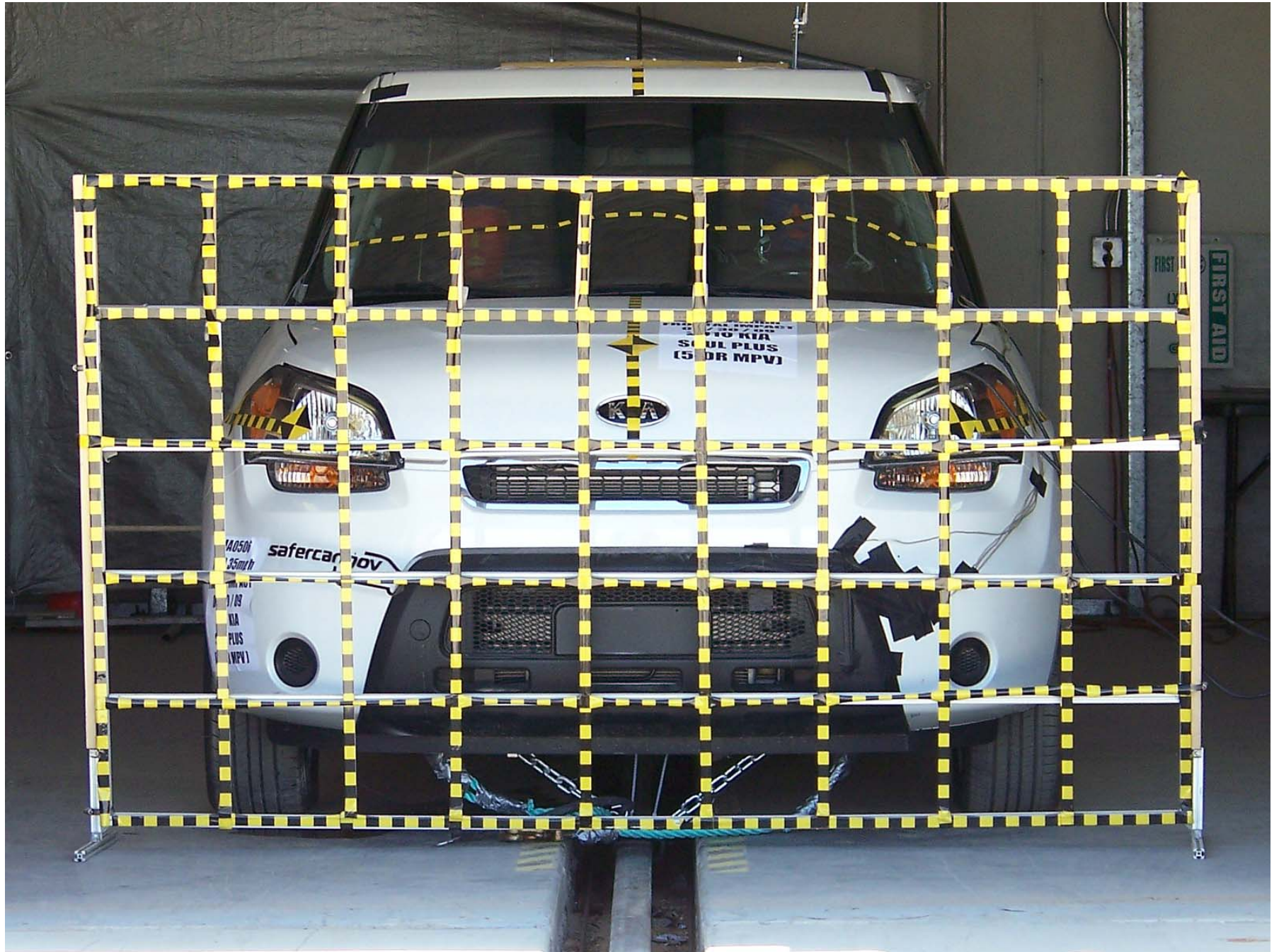


Figure A-1: Load Cell Location



MANUFACTURED IN KOREA BY
KIA MOTORS CORPORATION

01/09

GVWR 3880 LB

PAINT 1D

TRIM WK

GAWR

TIRES

RIMS

COLD TIRE INFL

FRONT 2161 LB P205/55R16

6.5JX16

33psi SINGLE

REAR 2138 LB P205/55R16

6.5Jx16

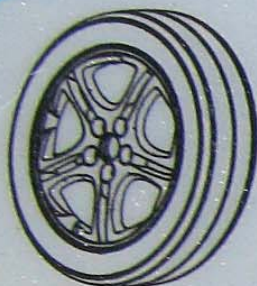
33psi SINGLE

THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S.A. FEDERAL
MOTOR VEHICLE SAFETY AND THEFT PREVENTION STANDARDS
IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.

V.I.N KNDJT2A28A7029827

MPV

Figure A-2: Manufacturer's Label



TIRE AND LOADING INFORMATION PNEUS ET CHARGE-INFORMATION

SEATING CAPACITY	TOTAL 5	FRONT 2	REAR 3
NOMBRE DE SIÈGES	TOTAL 5	AVANT 2	ARRIÈRE 3

The combined weight of occupants and cargo should never exceed 385kg or 849lbs.
Le poids combiné des occupants et du chargement ne doit jamais excéder 385kg ou 849lb.

TIRE/ PNEU	SIZE / DIMENSION	COLD TIRE PRESSURE/ PRESSION À FROID	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION	CONSULTER LE GUIDE DU PROPRIÉTAIRE POUR OBTENIR DES RENSEIGNEMENTS ADDITIONNELS
FRONT/ AVANT	P205/55R16	230KPA, 33 PSI		
REAR/ ARRIÈRE	P205/55R16	230KPA, 33 PSI		
SPARE/ SECOURS	T125/80D15	420kPa, 60psi		

Figure A-3: Tire Placard



Figure A-4: Right Front $\frac{3}{4}$ View, As Received



Figure A-5: Left Rear $\frac{3}{4}$ View, As Received



Figure A-6: Pre-Test Front View of Test Vehicle

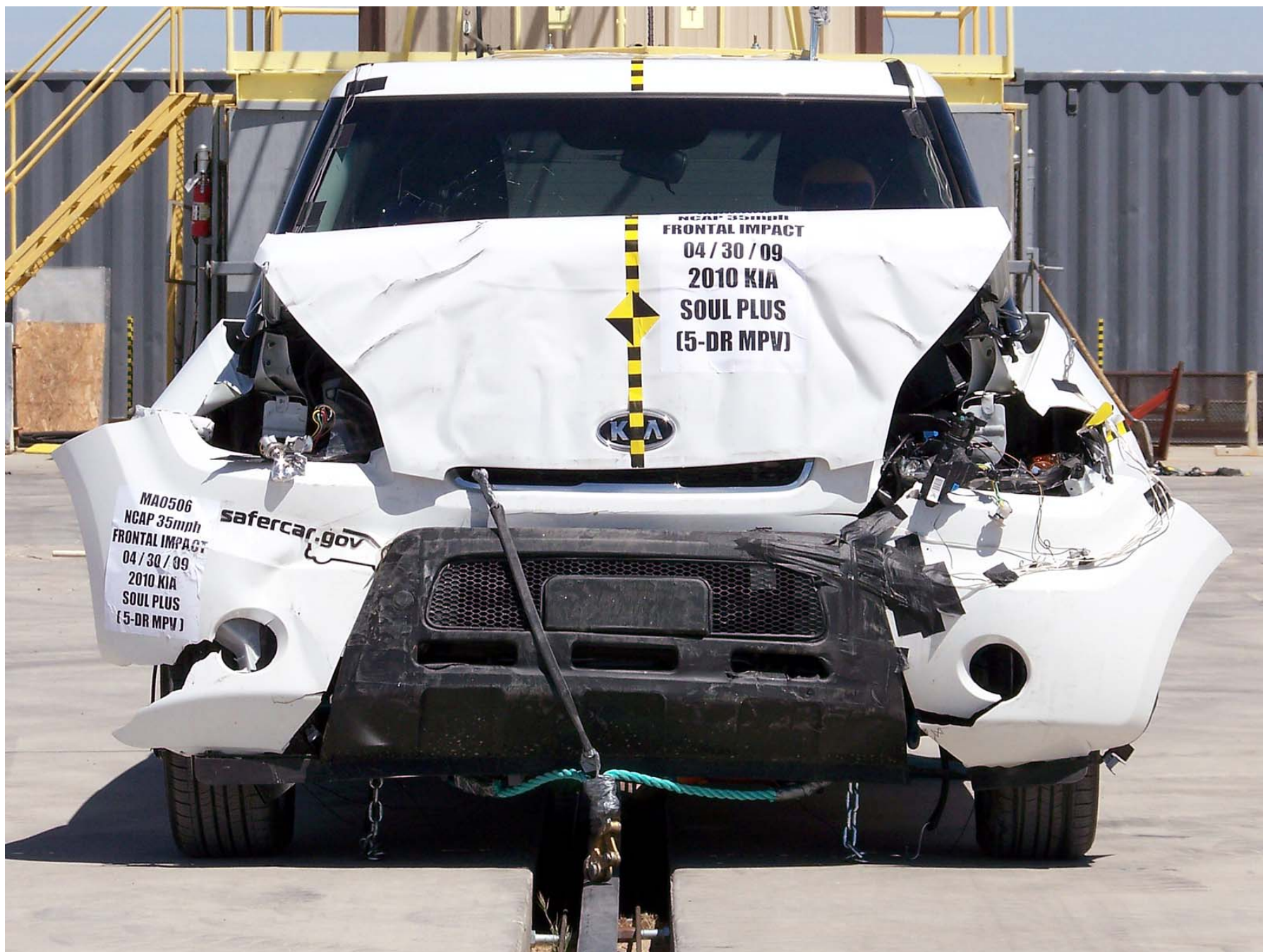


Figure A-7: Post-Test Front View of Test Vehicle



Figure A-8: Pre-Test Left View of Test Vehicle



Figure A-9: Post-Test Left View of Test Vehicle



Figure A-10: Pre-Test Right View of Test Vehicle



Figure A-11: Post-Test Right View of Test Vehicle



Figure A-12: Pre-Test Right Front $\frac{3}{4}$ View of Test Vehicle



Figure A-13: Post-Test Right Front $\frac{3}{4}$ View of Test Vehicle



Figure A-14: Pre-Test Left Rear $\frac{3}{4}$ View of Test Vehicle



Figure A-15: Post-Test Left Rear $\frac{3}{4}$ View of Test Vehicle

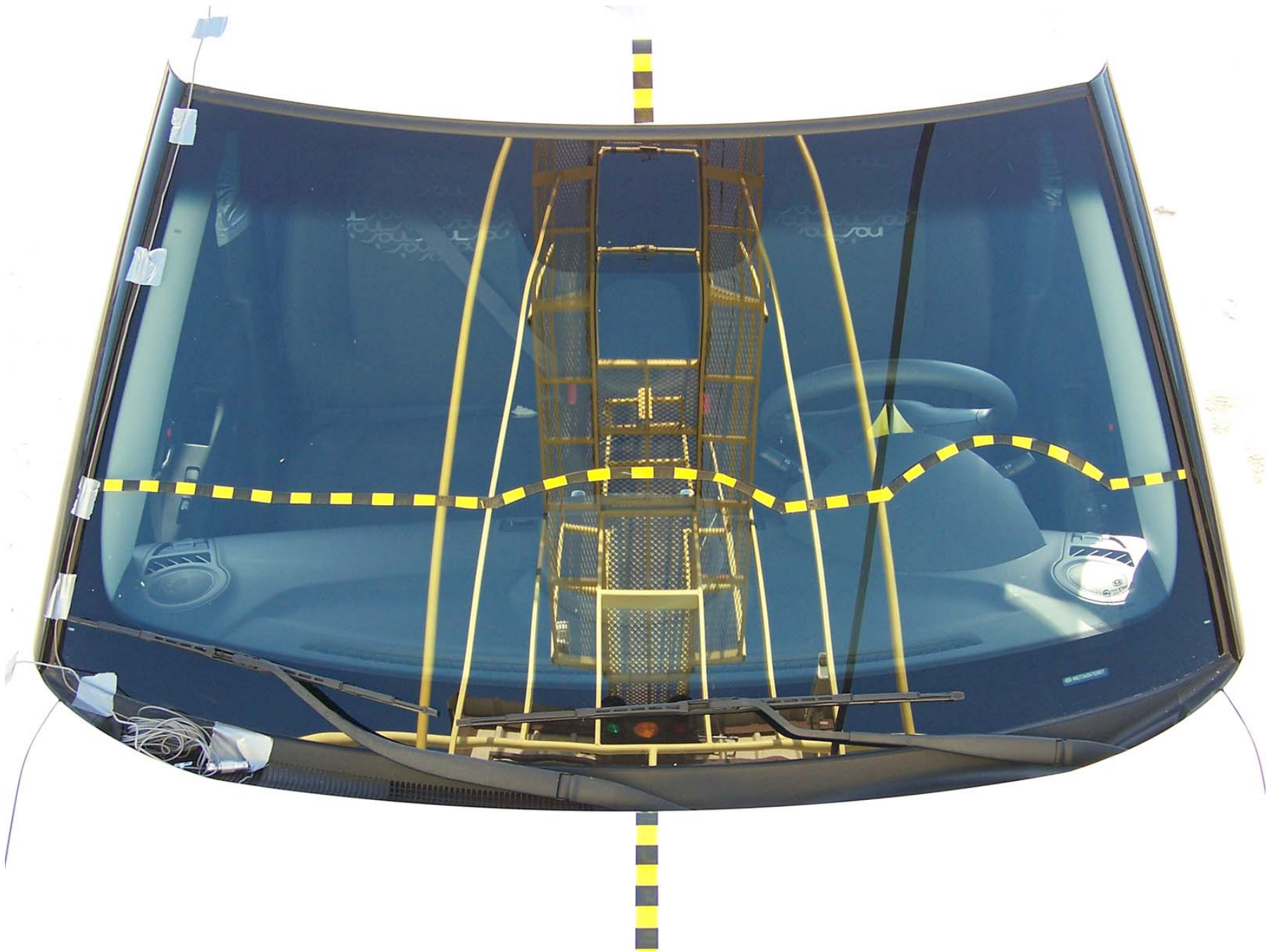
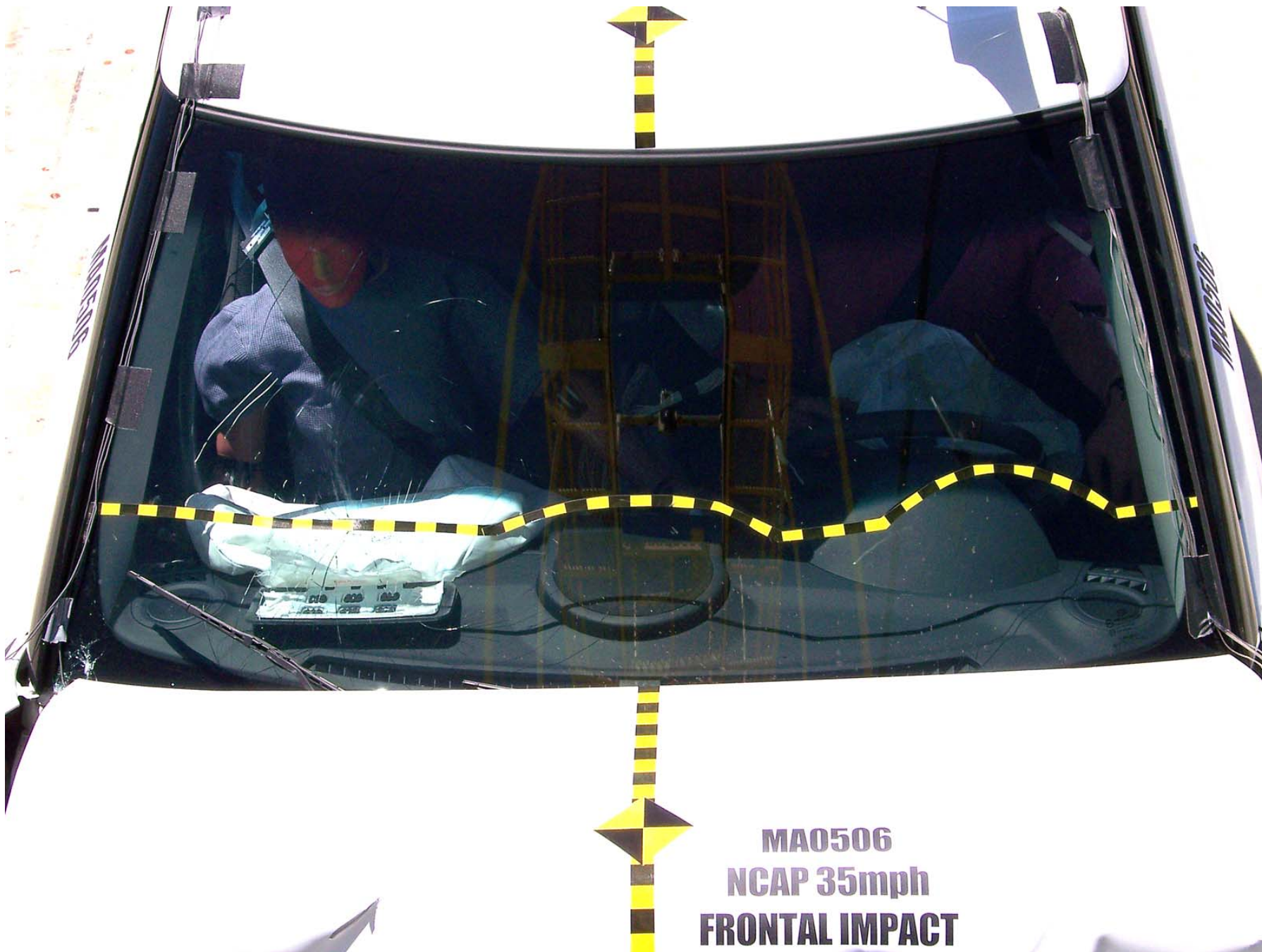


Figure A-16: Pre-Test Windshield View



MA0506
NCAP 35mph
FRONTAL IMPACT

Figure A-17: Post-Test Windshield View

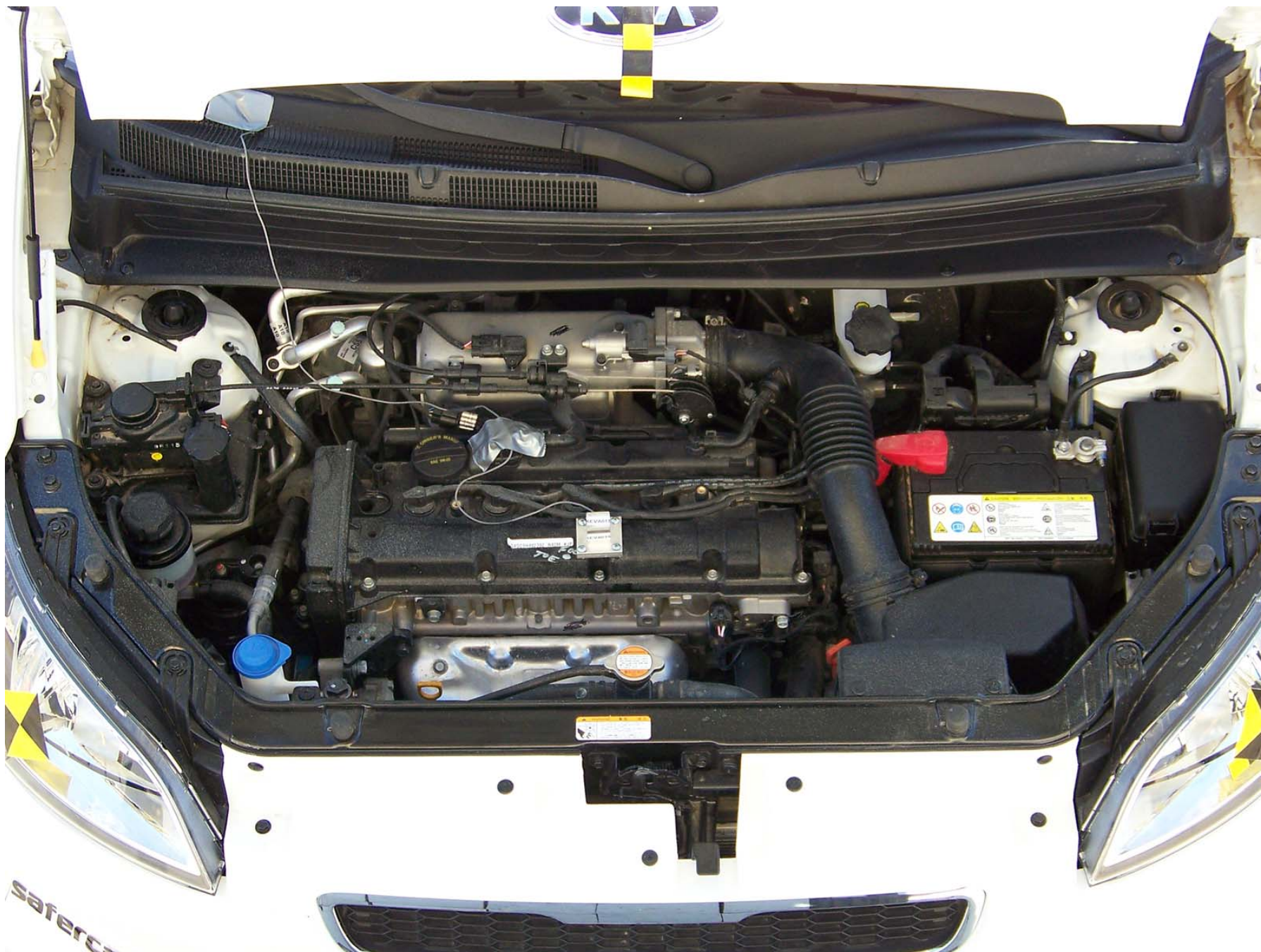


Figure A-18: Pre-Test Engine Compartment View



Figure A-19: Post-Test Engine Compartment View



Figure A-20: Pre-Test Fuel Filler Cap View



Figure A-21: Post-Test Fuel Filler Cap View

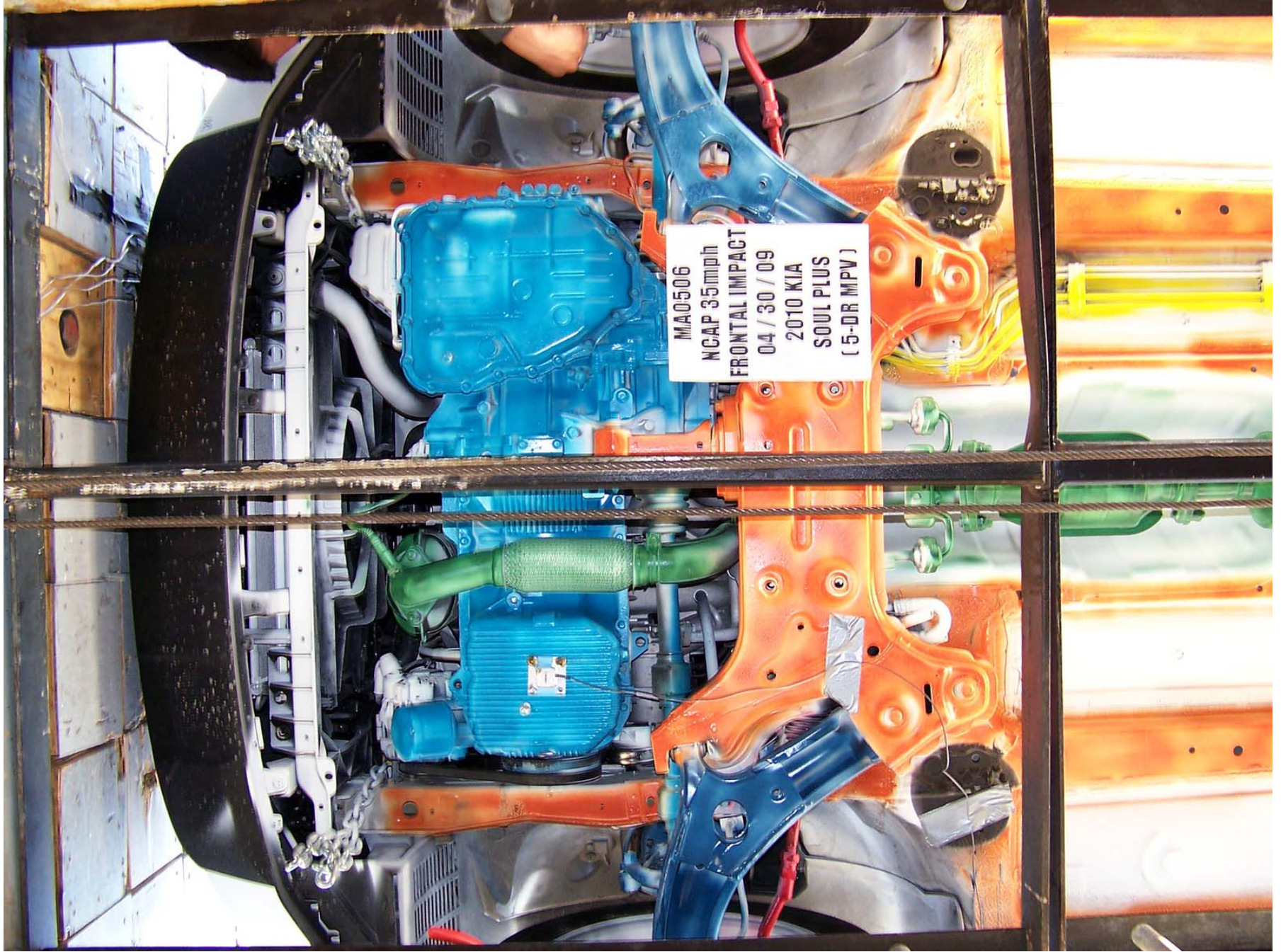


Figure A-22: Pre-Test Front Underbody View

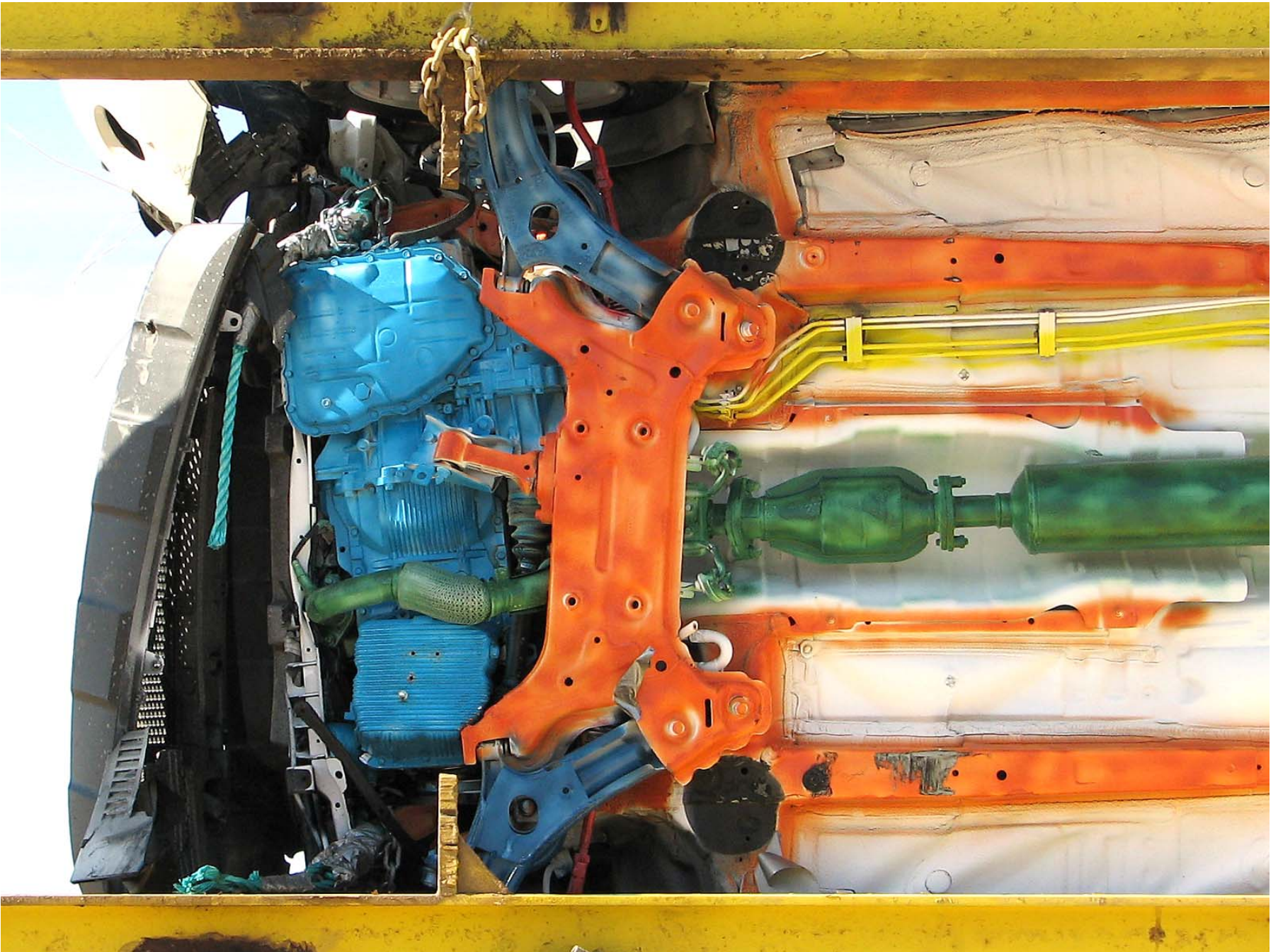


Figure A-23: Post-Test Front Underbody View



Figure A-24: Pre-Test Rear Underbody View

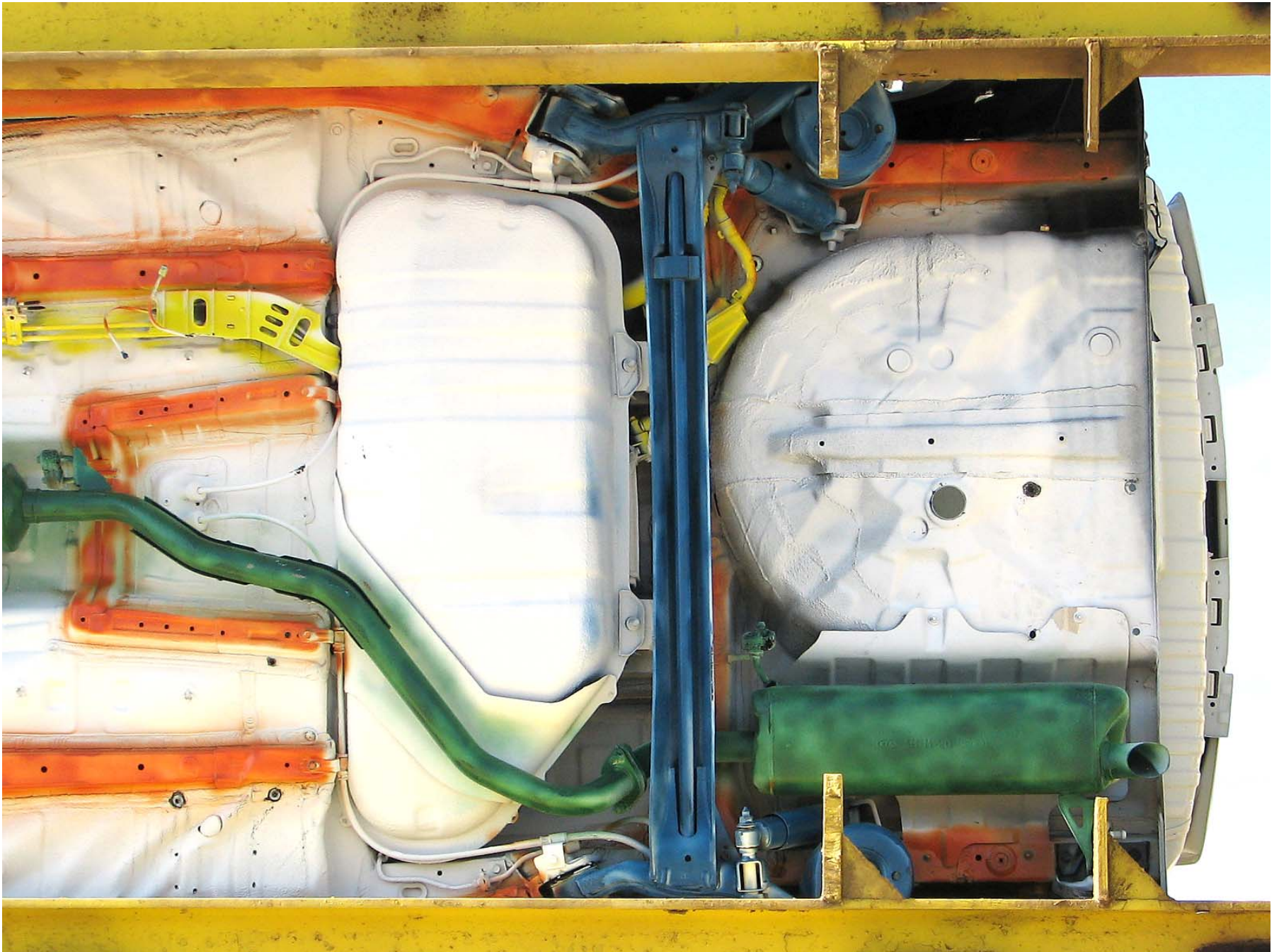


Figure A-25: Post-Test Rear Underbody View



Figure A-26: Pre-Test Dummy Cable Routing



Figure A-27: Post-Test Dummy Cable Routing



Figure A-28: Pre-Test Driver Dummy Front View



Figure A-29: Post-Test Driver Dummy Front View



Figure A-30: Pre-Test Driver Dummy Window View



Figure A-31: Post-Test Driver Dummy Window View



Figure A-32: Pre-Test Driver Dummy and Vehicle Interior View



Figure A-33: Post-Test Driver Dummy and Vehicle Interior View



Figure A-34: Pre-Test Driver's Seat Fore-Aft Markings



Figure A-35: Post-Test Driver's Seat Fore-Aft Markings



Figure A-36: Pre-Test Driver Dummy Feet



Figure A-37: Post-Test Driver Dummy Feet



Figure A-38: Pre-Test Driver's Side Knee Bolster



Figure A-39: Post-Test Driver's Side Knee Bolster



Figure A-40: Pre-Test Driver's Side Floorpan



Figure A-41: Post-Test Driver's Side Floorpan



Figure A-42: Post-Test Driver Dummy Head



Figure A-43: Post-Test Driver Dummy Contact with Airbag



Figure A-44: Post-Test Driver Dummy Contact with Headrest



Figure A-45: Pre-Test View of the Steering Column Shear Capsule



Figure A-46: Post-Test View of the Steering Column Shear Capsule



Figure A-47: Pre-Test Passenger Dummy Front View



Figure A-48: Post-Test Passenger Dummy Front View



Figure A-49: Pre-Test Passenger Dummy Window View



Figure A-50: Post-Test Passenger Dummy Window View



Figure A-51: Pre-Test Passenger Dummy and Vehicle Interior



Figure A-52: Post-Test Passenger Dummy and Vehicle Interior



Figure A-53: Pre-Test Passenger's Seat Fore-Aft Markings

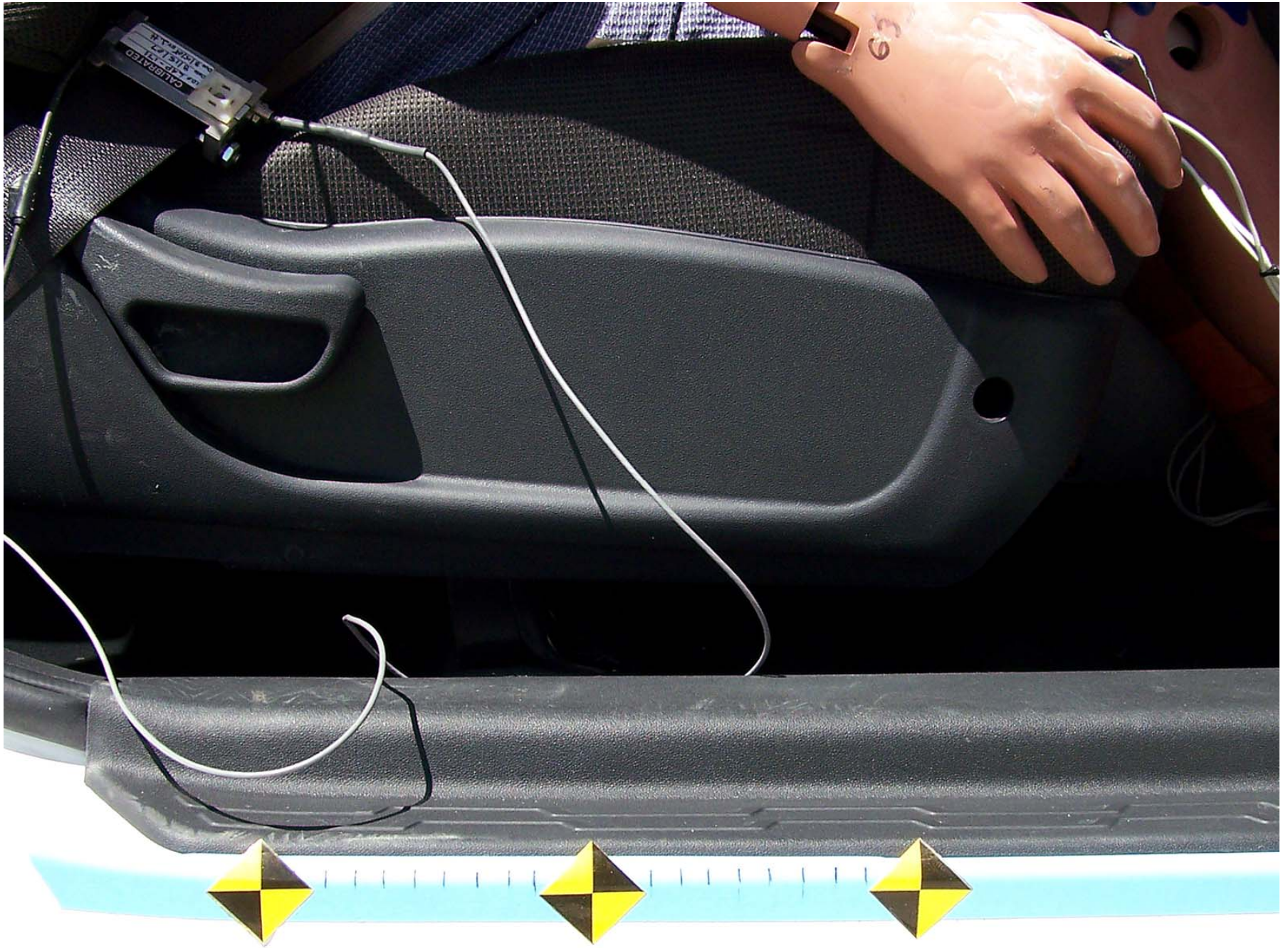


Figure A-54: Post-Test Passenger's Seat Fore-Aft Markings

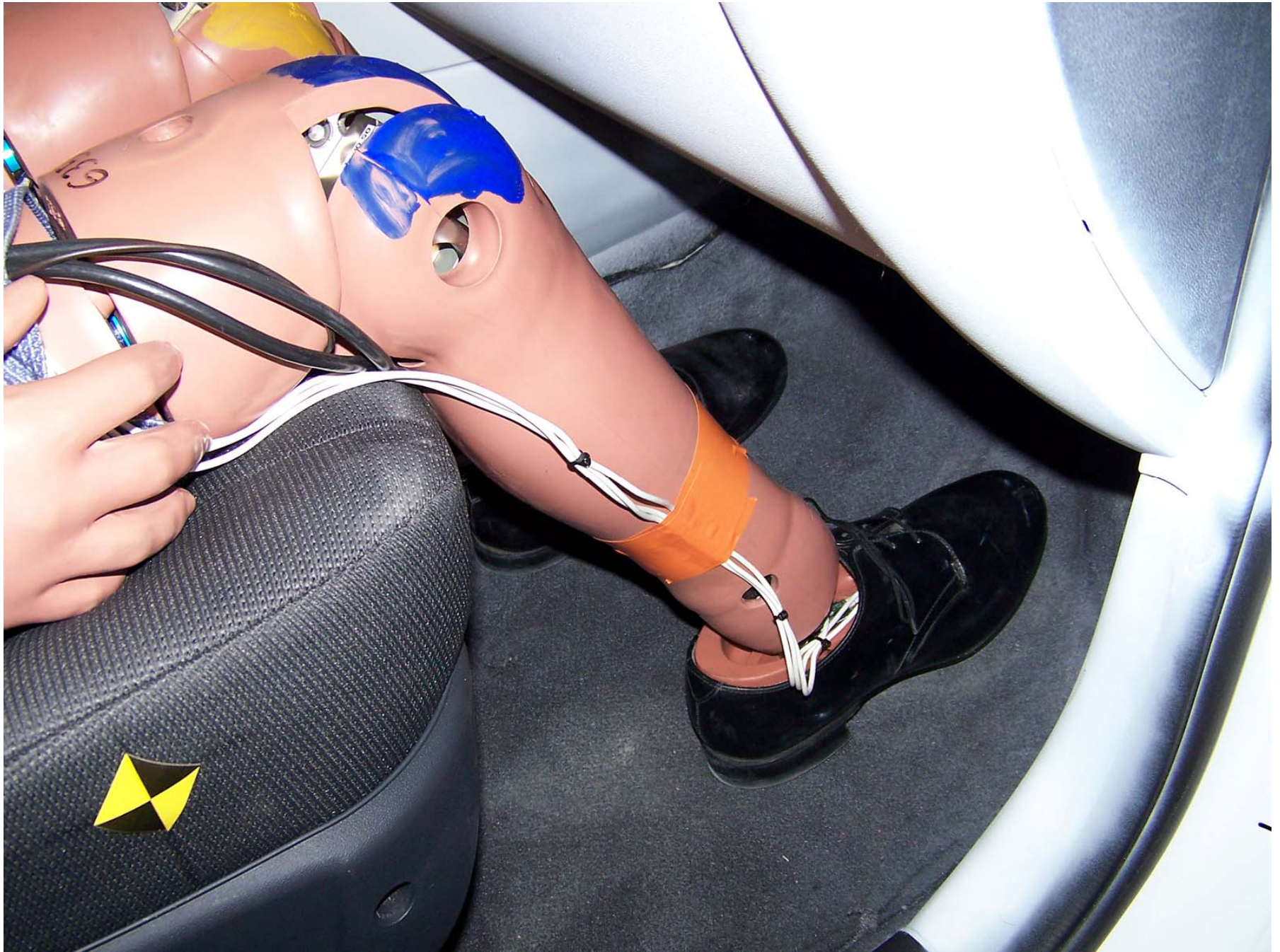


Figure A-55: Pre-Test Passenger Dummy Feet



Figure A-56: Post-Test Passenger Dummy Feet



Figure A-57: Pre-Test Passenger's Side Knee Bolster



Figure A-58: Post-Test Passenger's Side Knee Bolster

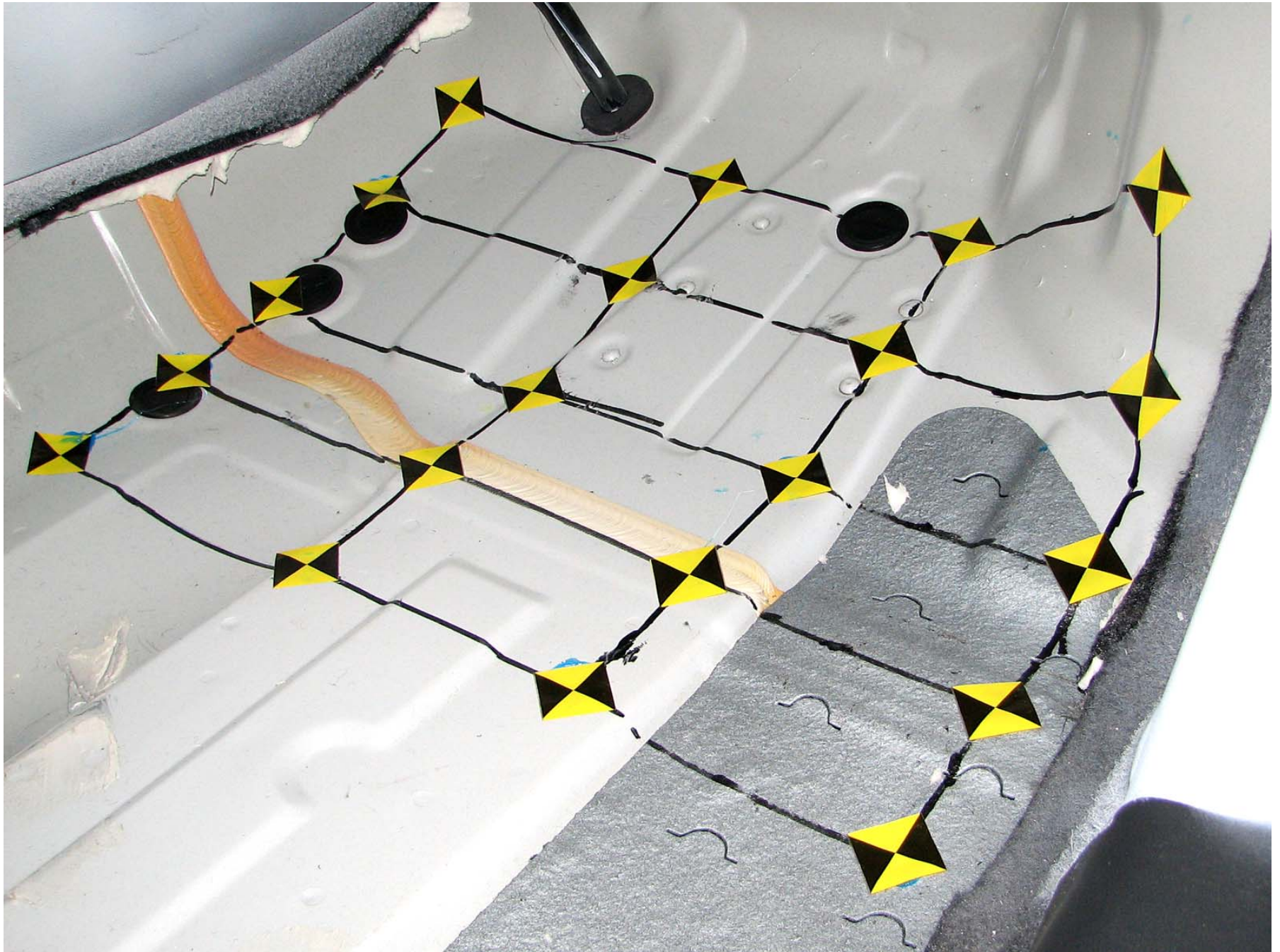


Figure A-59: Pre-Test Passenger's Side Floorpan



Figure A-60: Post-Test Passenger's Side Floorpan



Figure A-61: Post-Test Passenger Dummy Head



Figure A-62: Post-Test Passenger Dummy Contact with Airbag



Figure A-63: Post-Test Passenger Dummy Contact With Headrest

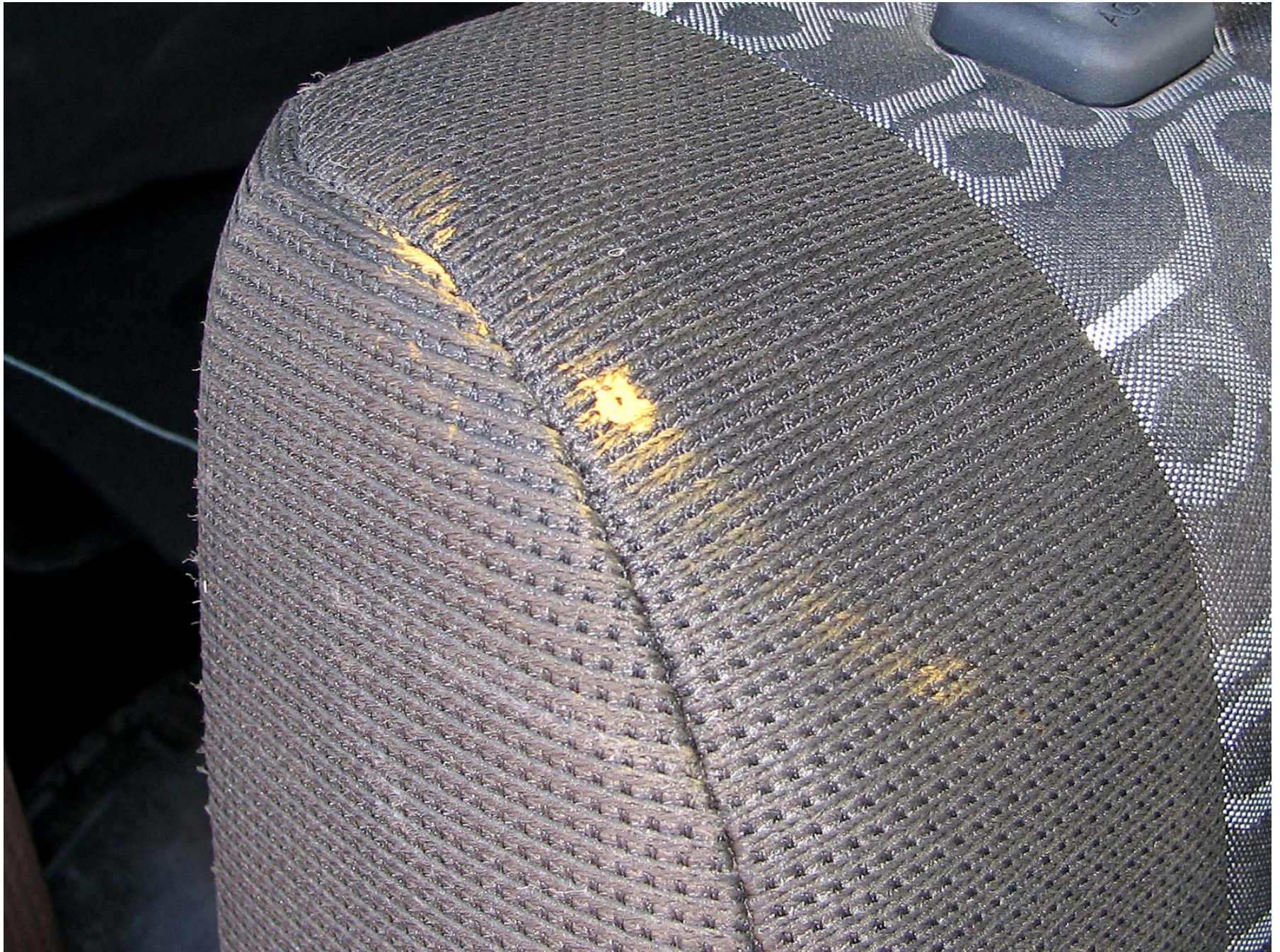


Figure A-64: Post-Test Passenger Dummy Contact with Seat Back

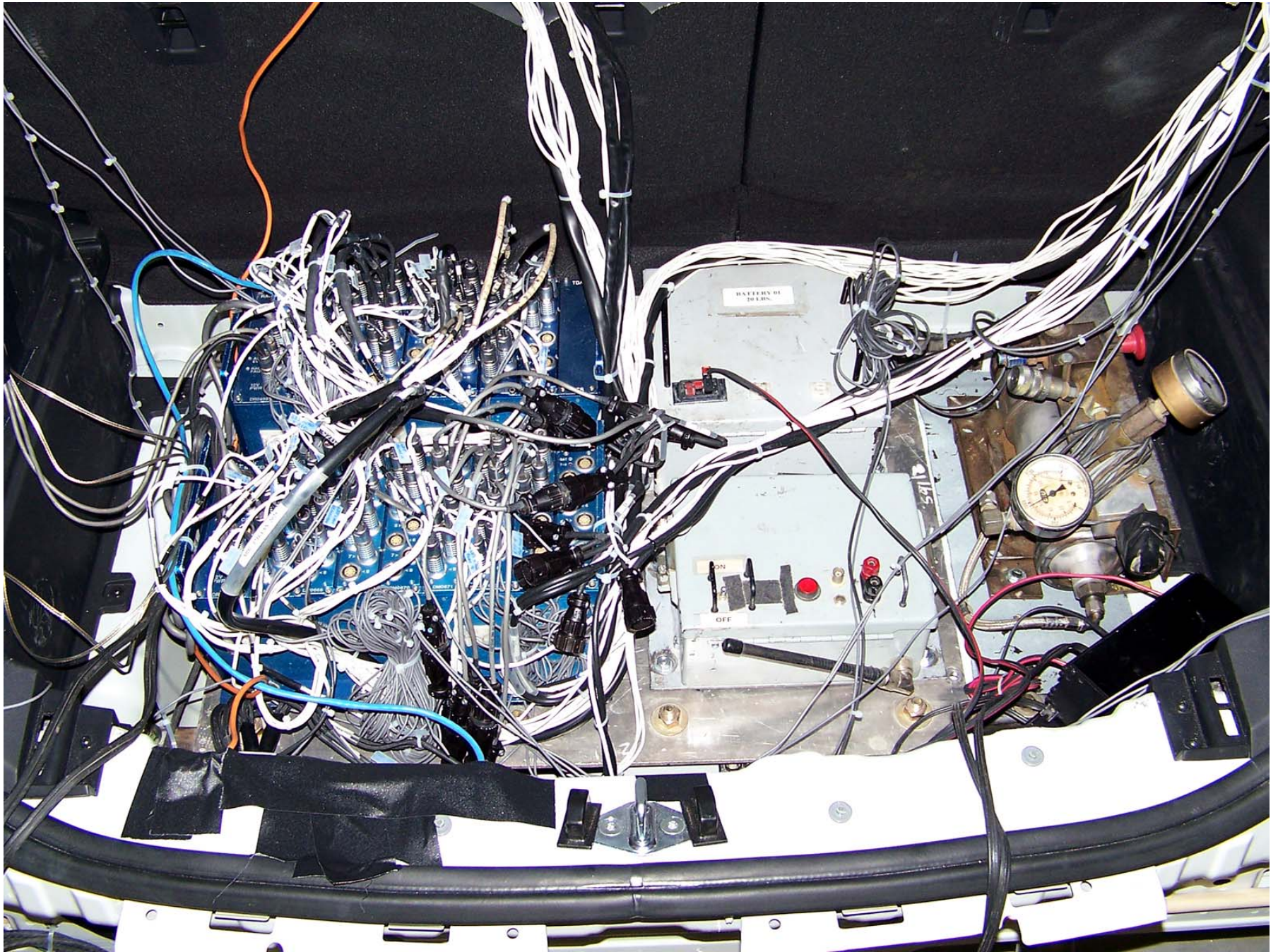


Figure A-65: Pre-Test Ballast Installed in Vehicle

19/09
19/10
fsey

TIMER 1



ed Trap 2
12/08
08/09

TIMER 2



Figure A-66: Post-Test Speed Trap Readout

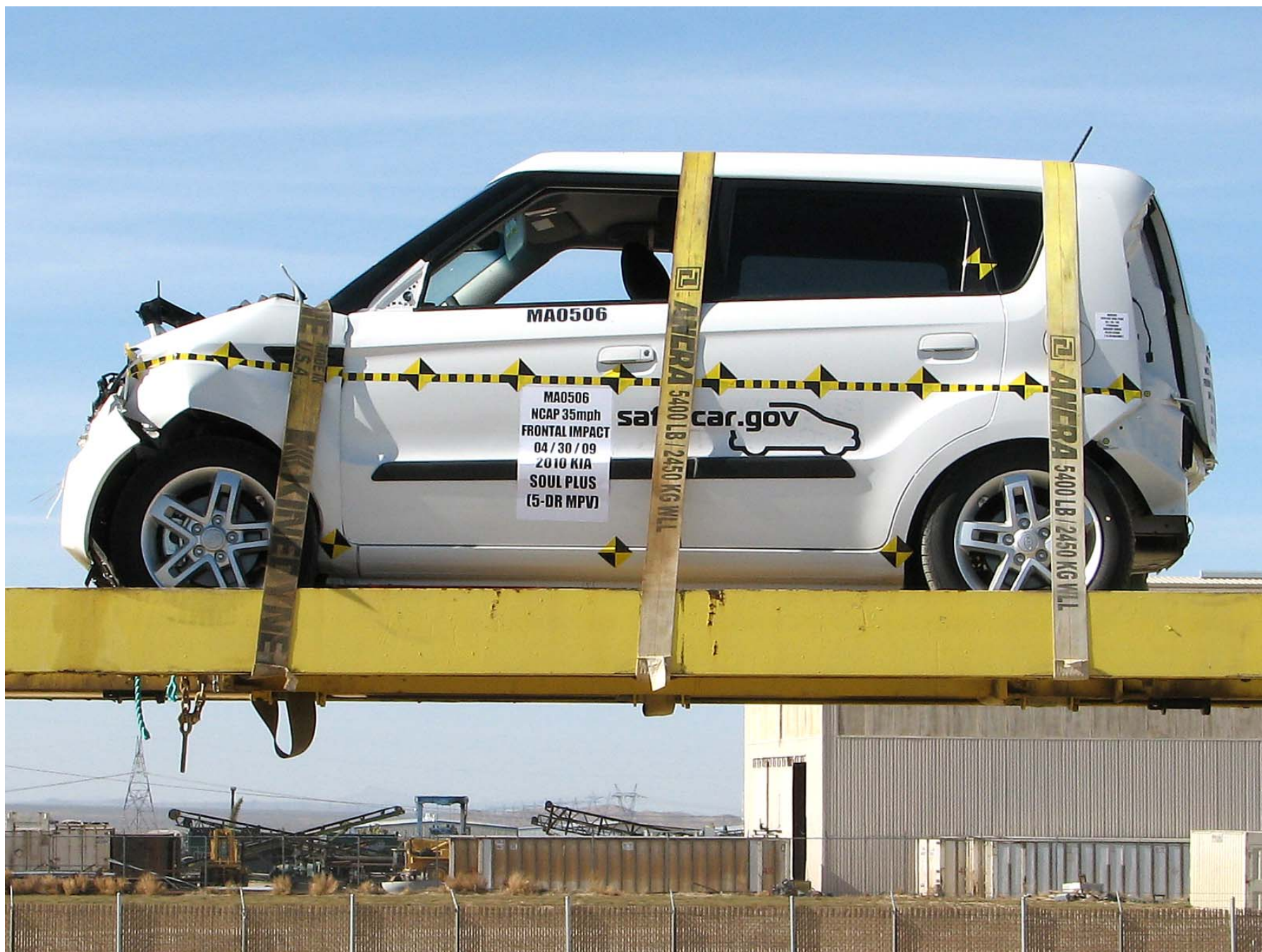


Figure A-67: Vehicle at 0° on Static Rollover Device



Figure A-68: Vehicle at 90° on Static Rollover Device



Figure A-69: Vehicle at 180° on Static Rollover Device

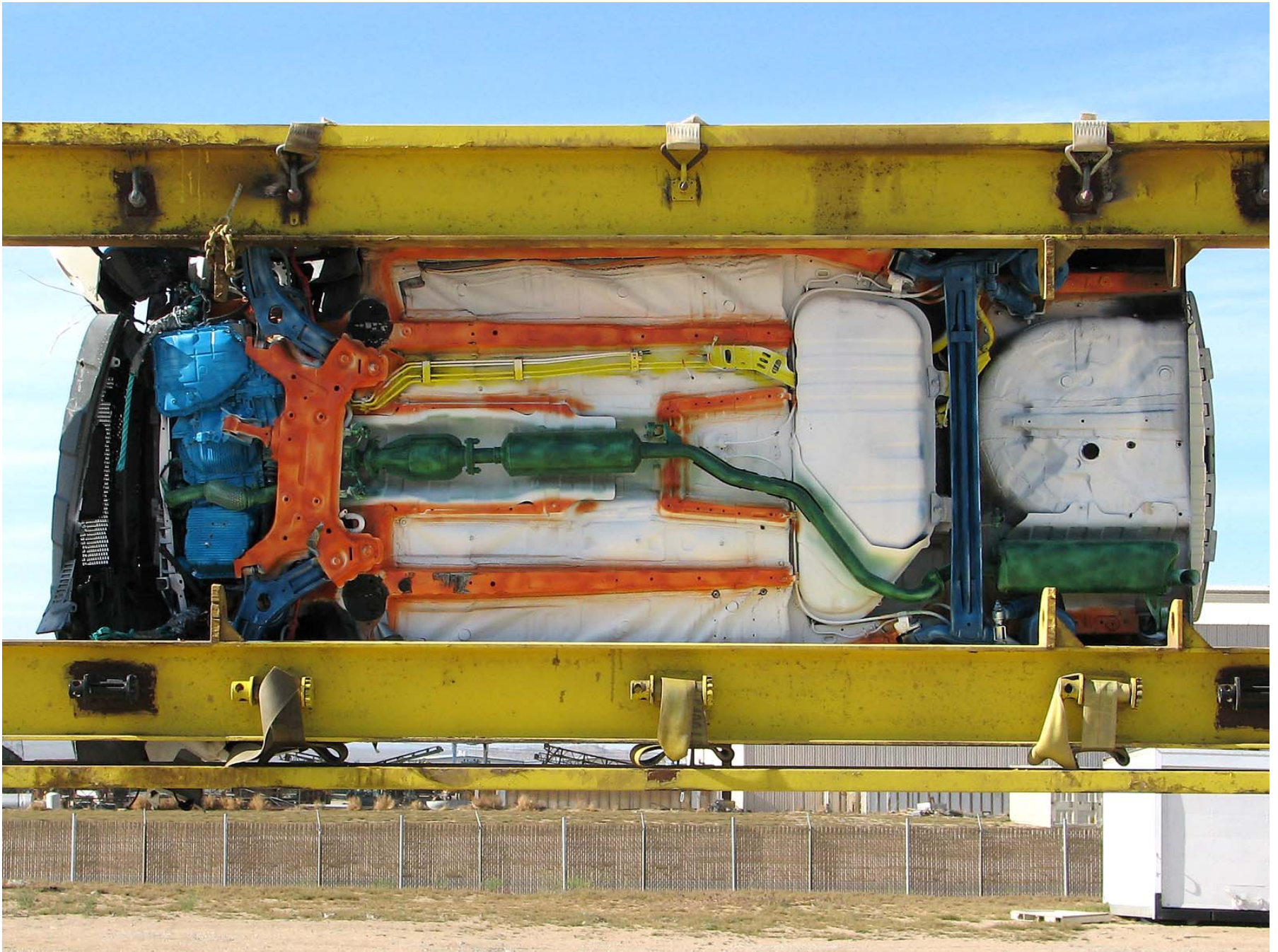


Figure A-70: Vehicle at 270° on Static Rollover Device



Figure A-71: Vehicle at 360° on Static Rollover Device



Figure A-72: Impact Photograph