



MANUFACTURED IN KOREA BY
KIA MOTORS CORPORATION

03/09

GVWR

3814LB

PAINT

UD

GAWR

FRONT

2160LB

GAWR

REAR

1808LB

TRIM

80

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

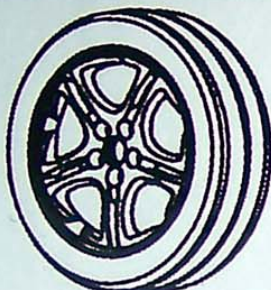
V.I.N

KNAFT4A20A5049516

TYPE

PASSENGER CAR

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	P195/65R15	220kPa, 32psi		
REAR/ ARRIÈRE	P195/65R15	220kPa, 32psi		
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

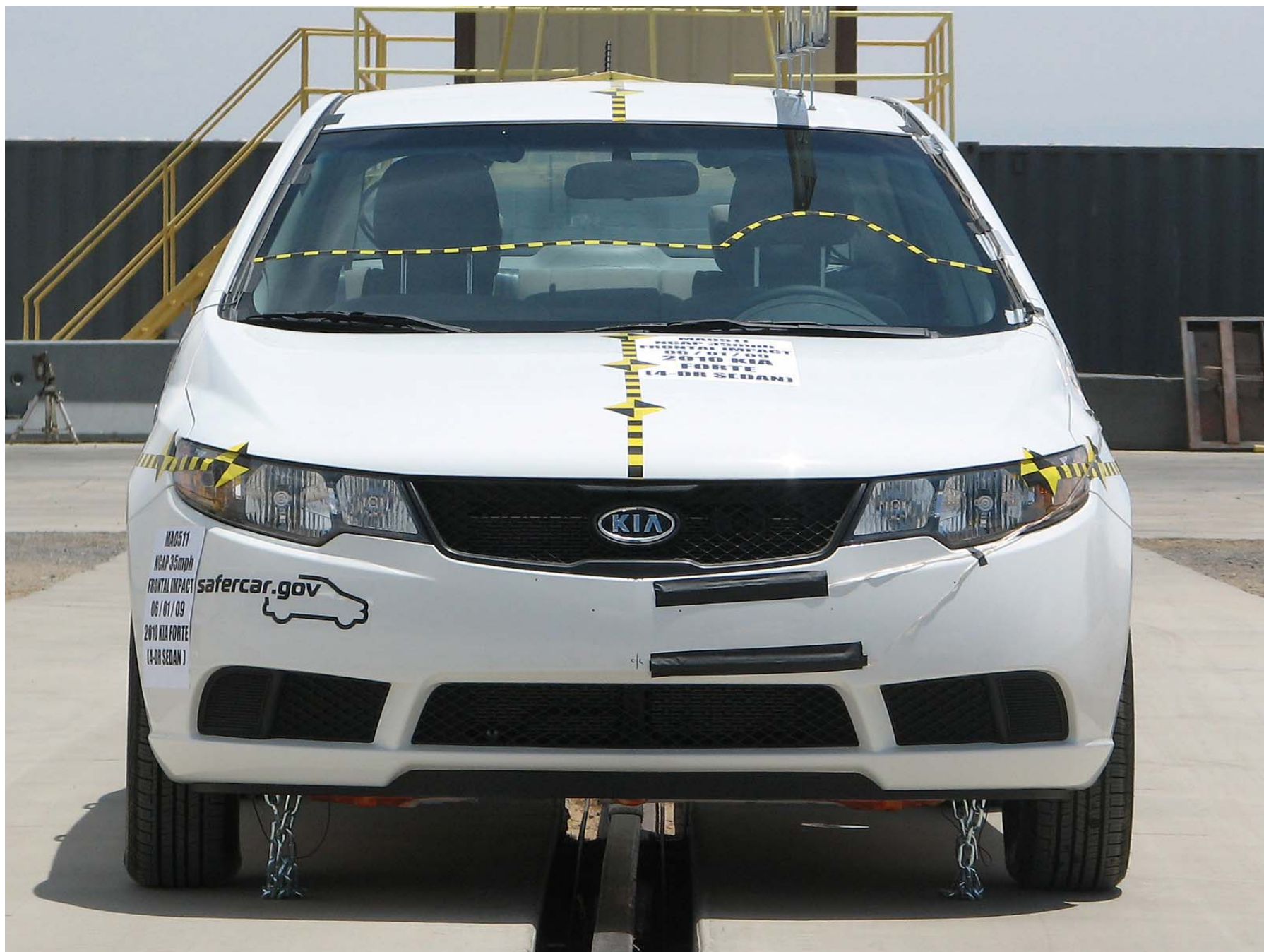


Figure A-6: Pre-Test Front View of Test Vehicle

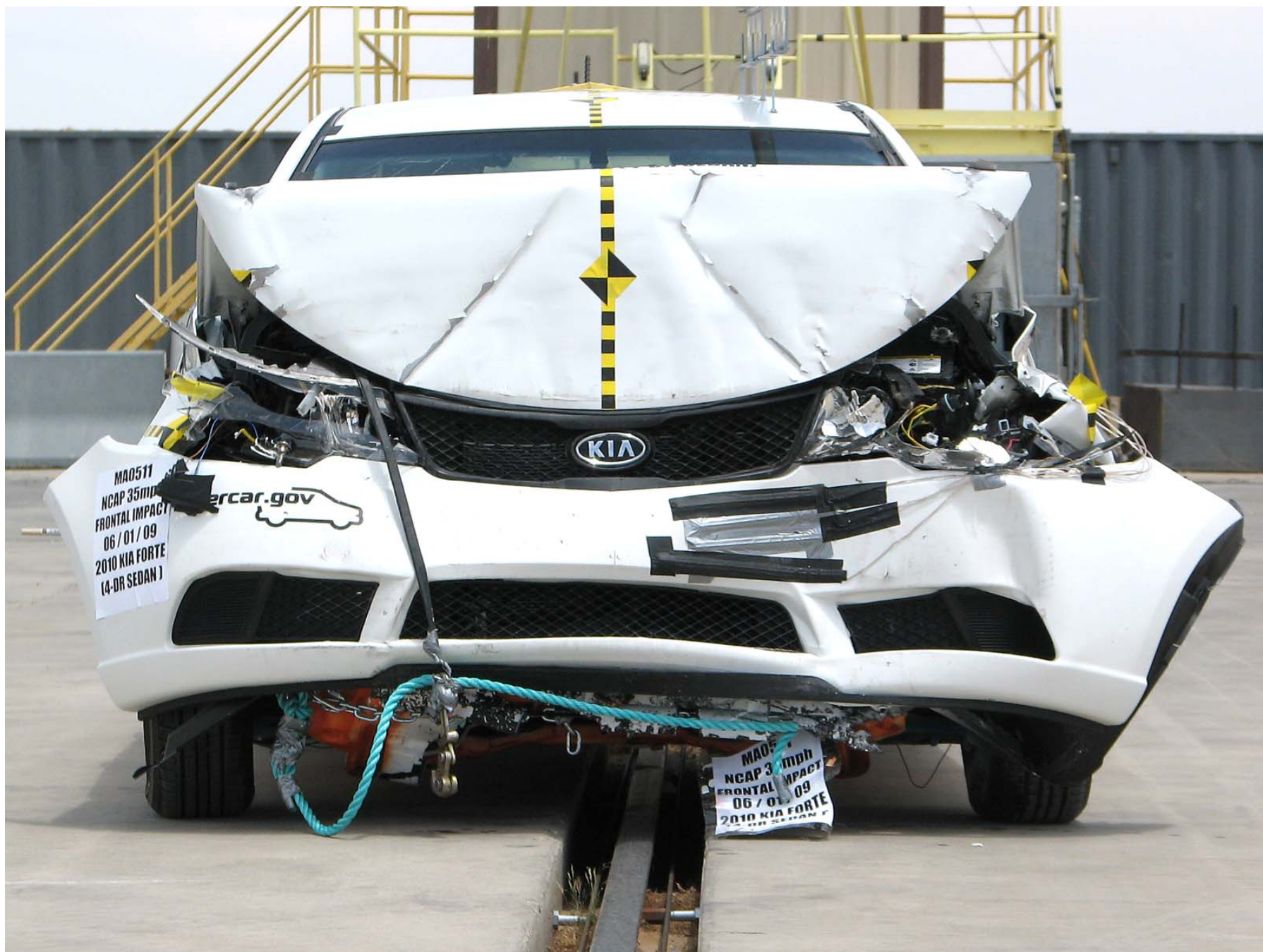


Figure A-7: Post-Test Front View of Test Vehicle



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

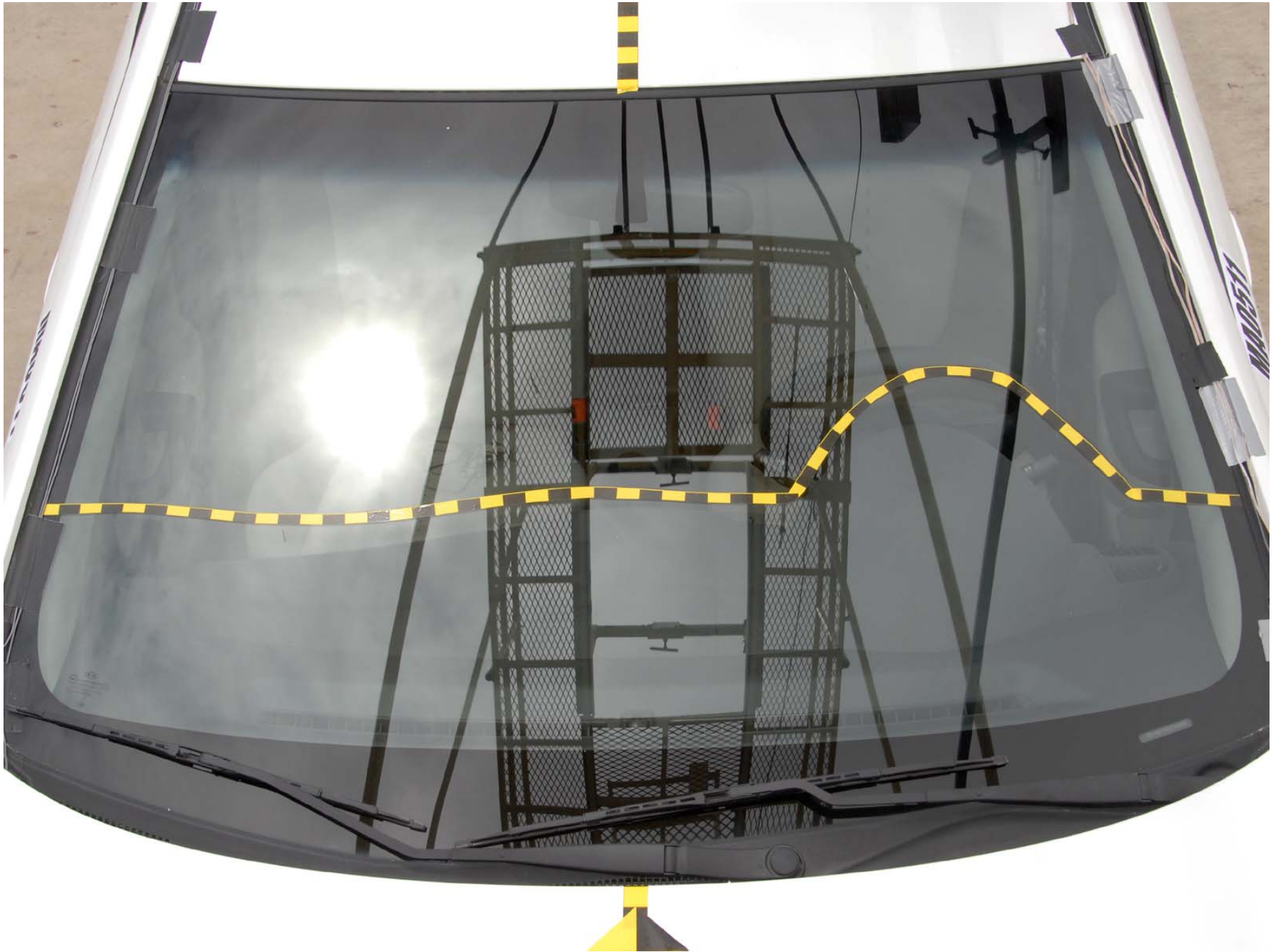
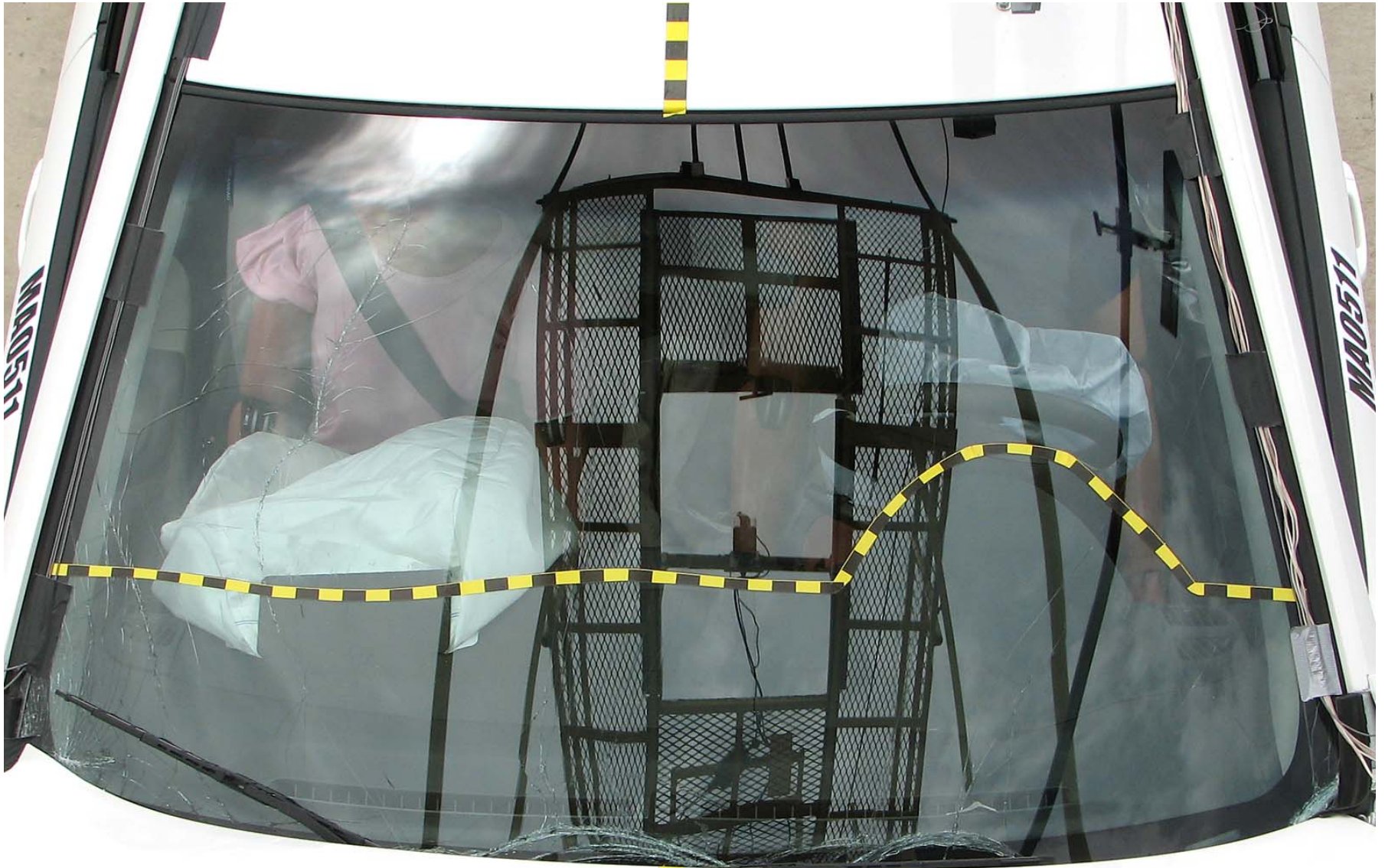


Figure A-16: Pre-Test Windshield View



**MA0511
NCAP 35mph
FRONTAL IMPACT
06 / 01 / 09
2010 KIA**

Figure A-17: Post-Test Windshield View



Figure A-18: Pre-Test Engine Compartment View

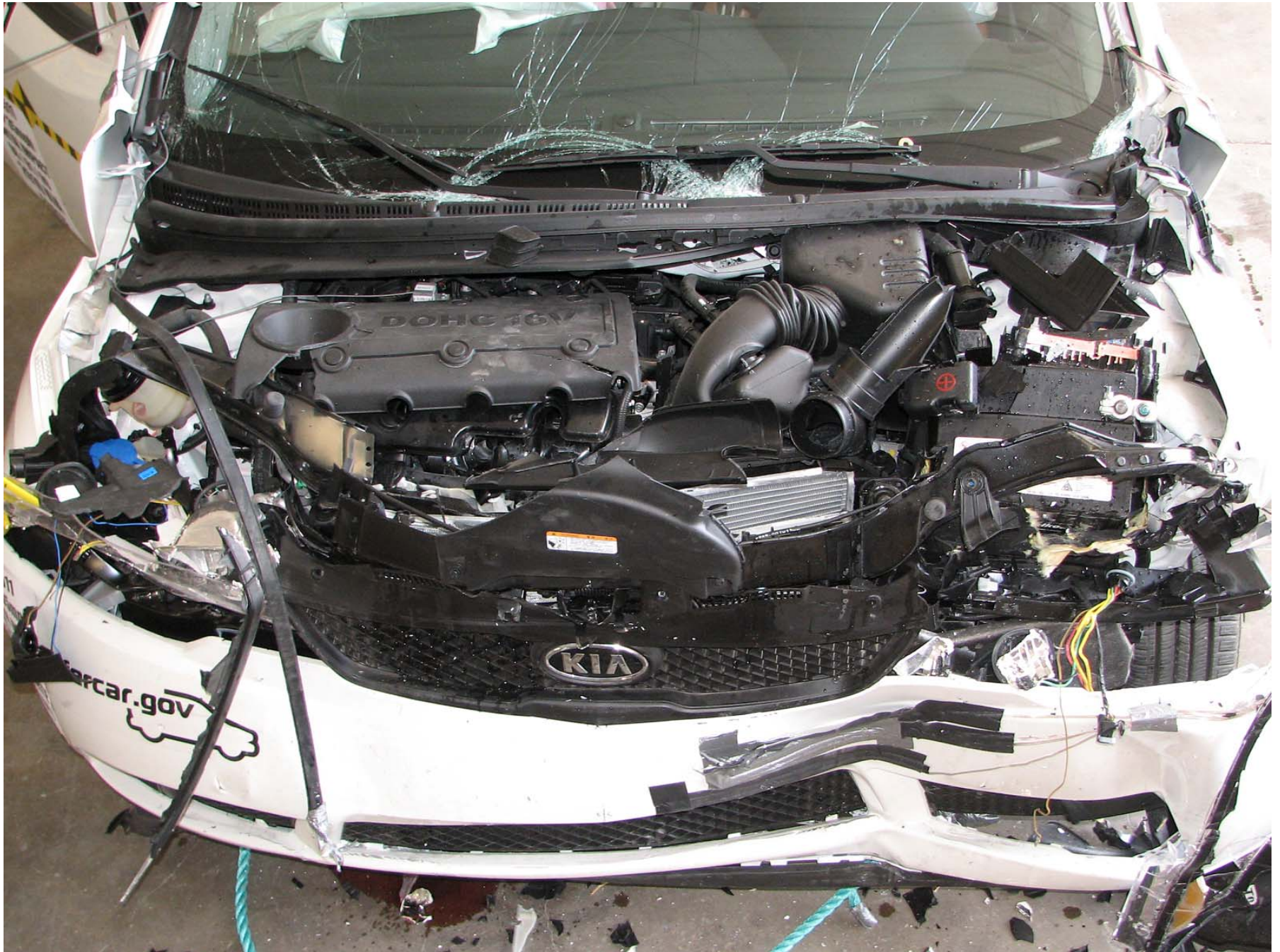


Figure A-19: Post-Test Engine Compartment View



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



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

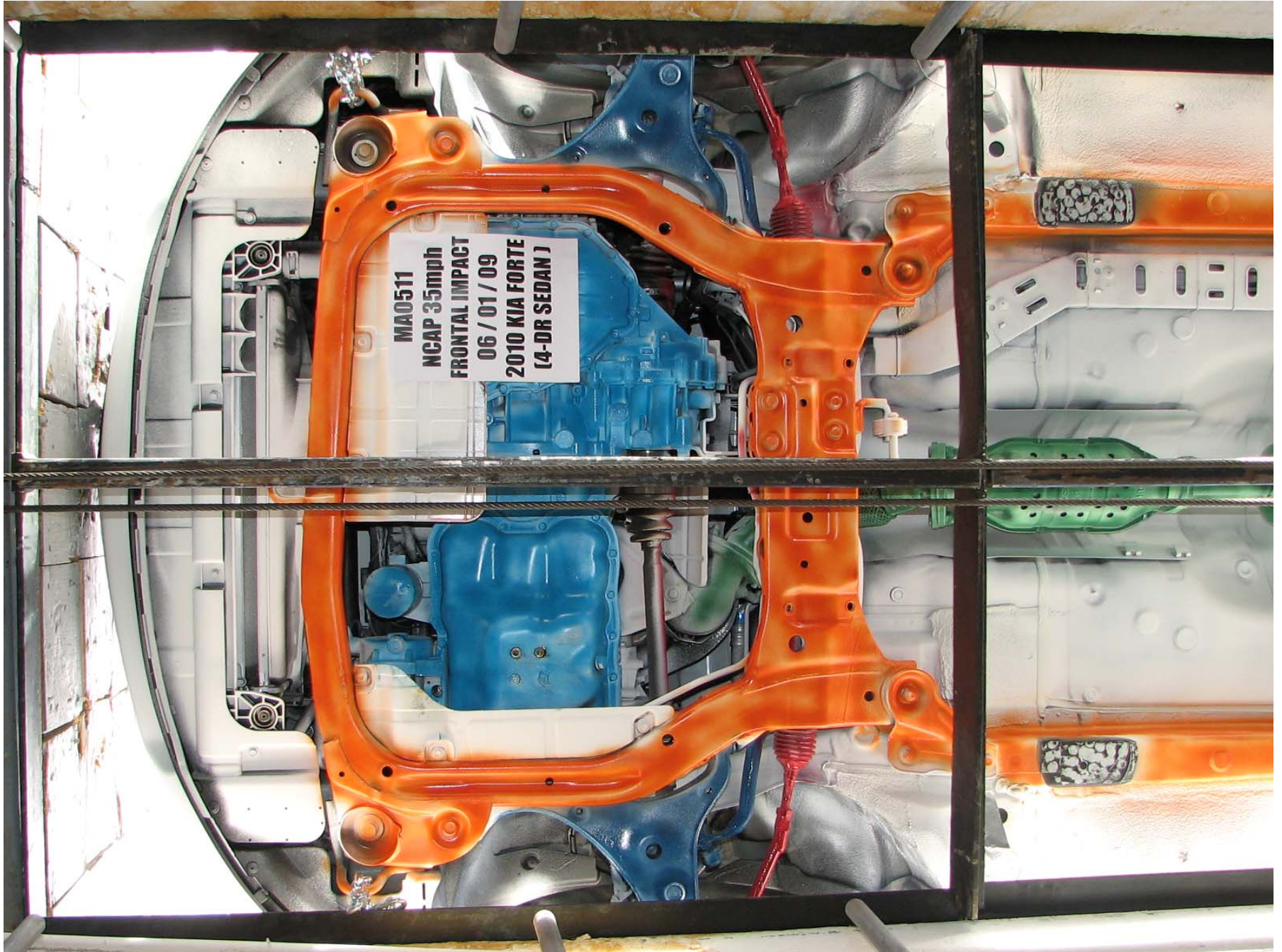


Figure A-22: Pre-Test Front Underbody View

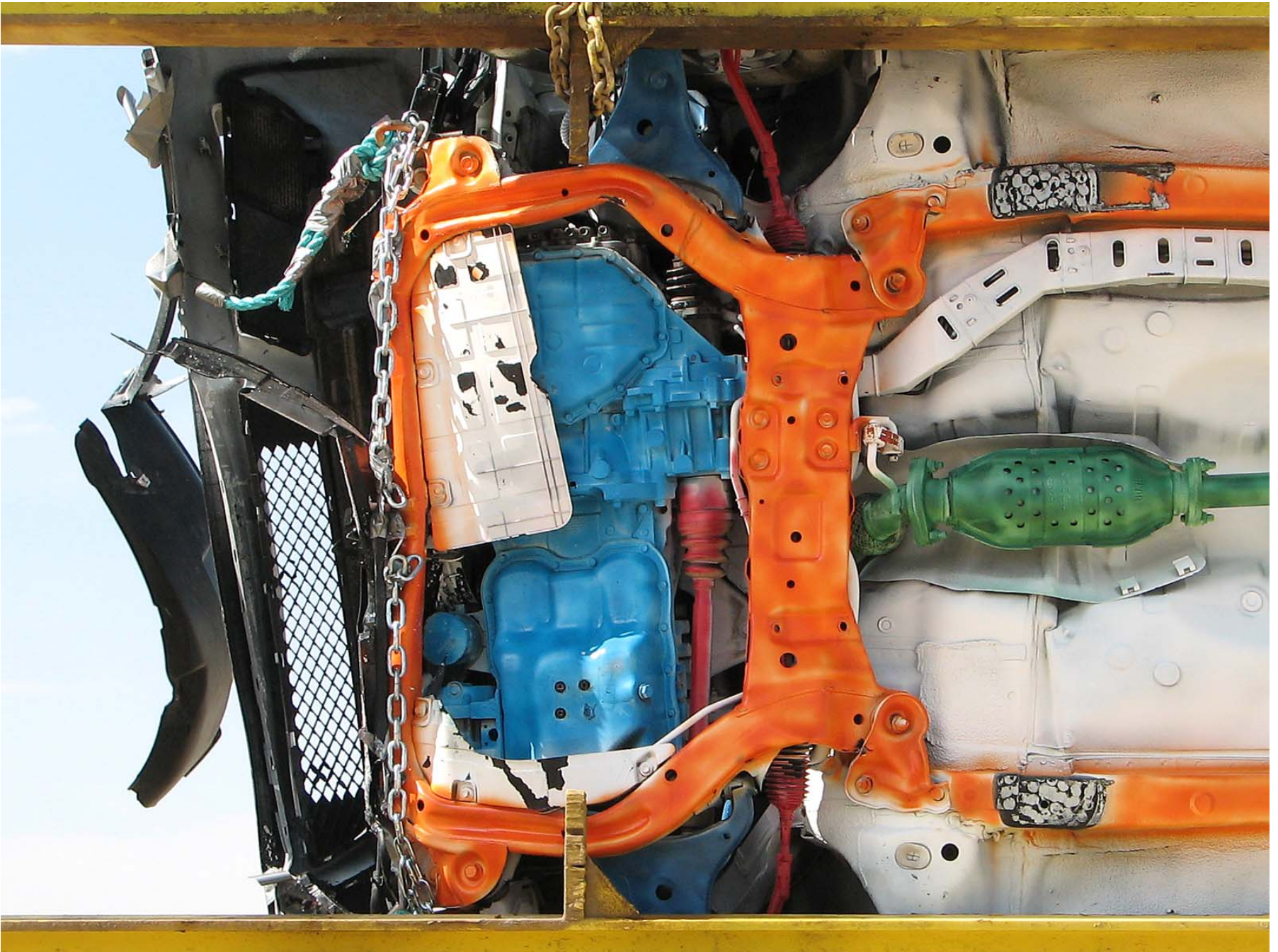


Figure A-23: Post-Test Front Underbody View

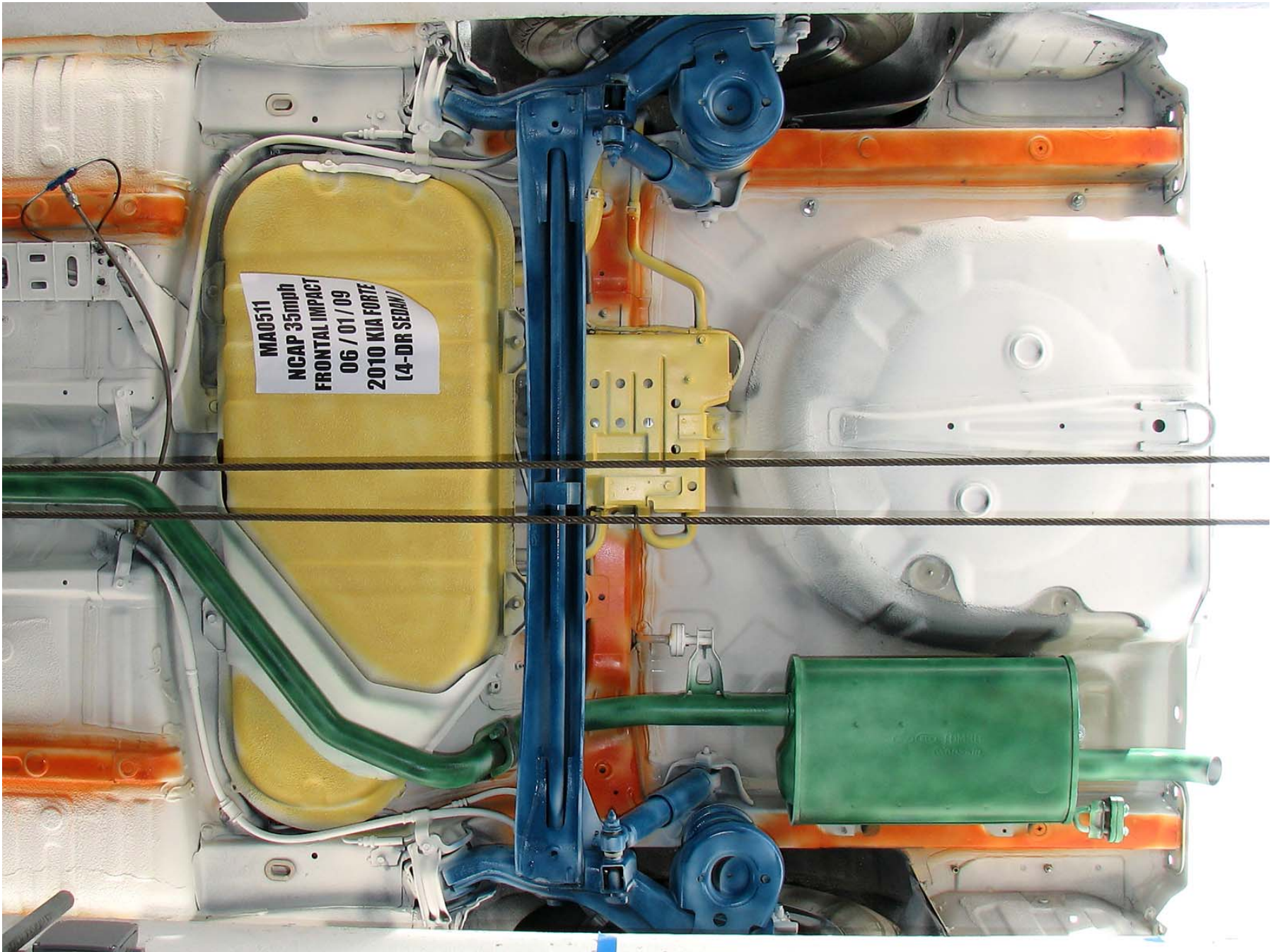


Figure A-24: Pre-Test Rear Underbody View

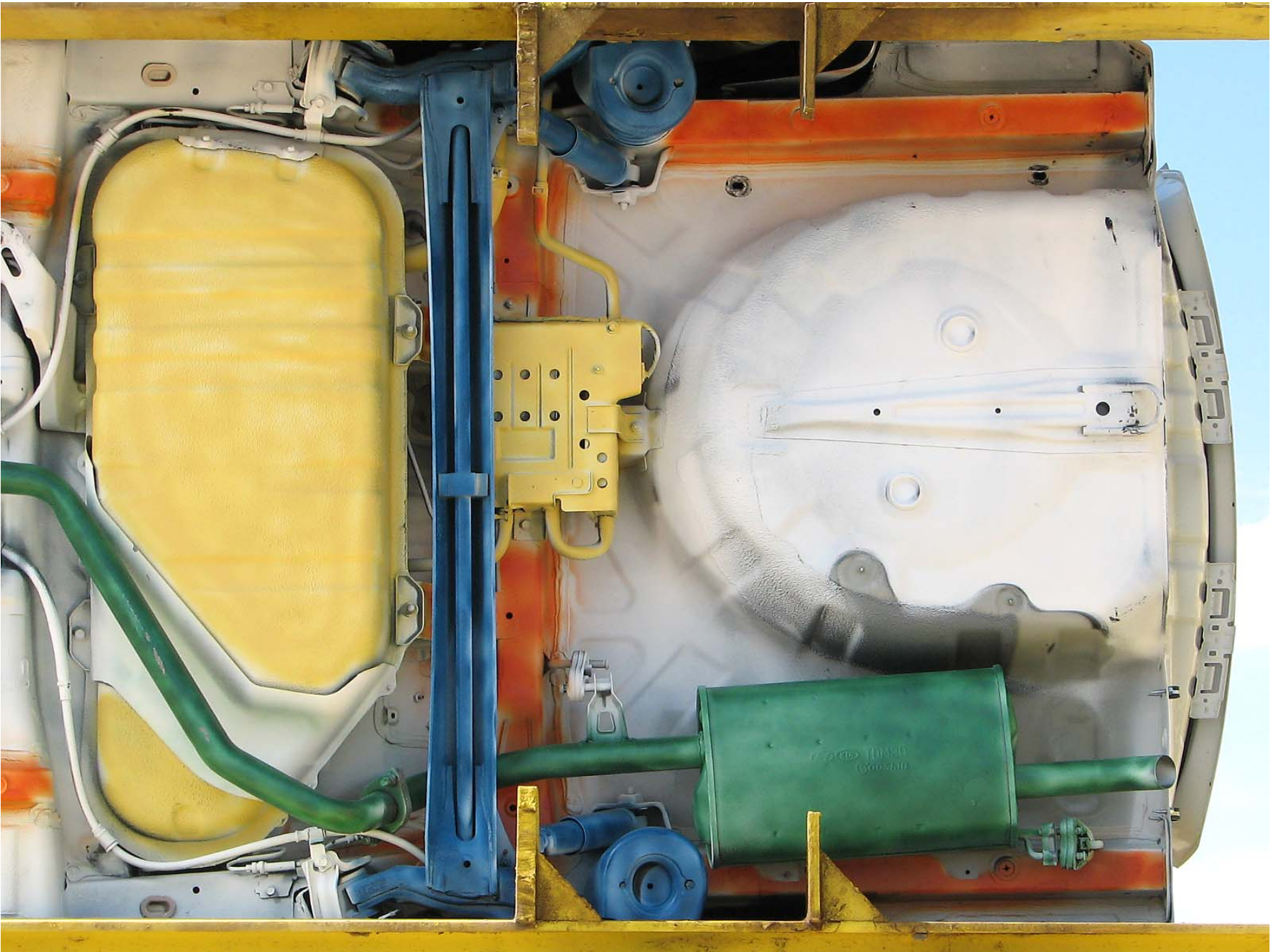


Figure A-25: Post-Test Rear Underbody View



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



MA0511



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

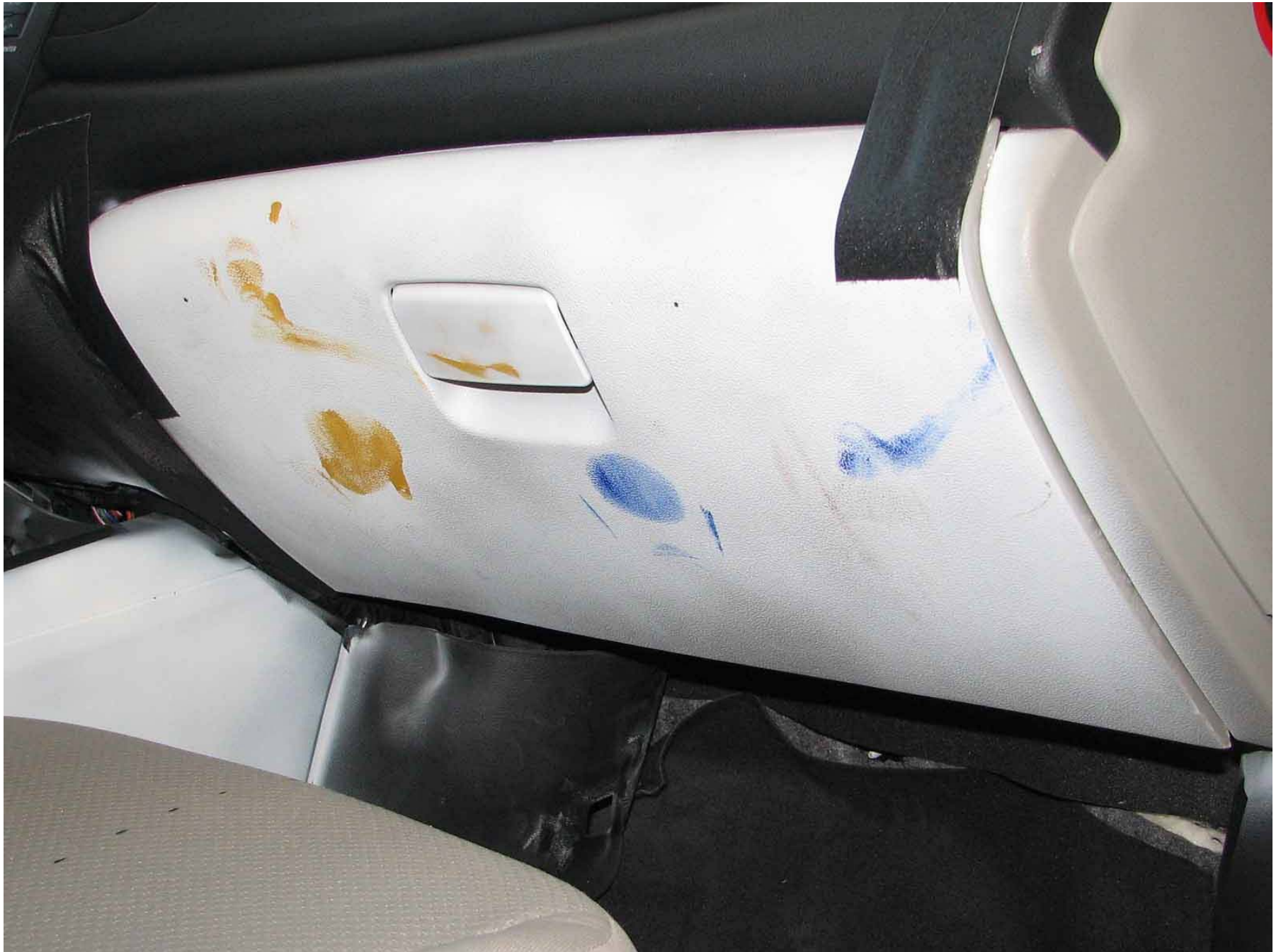


Figure A-58: Post-Test Passenger's Side Knee Bolster

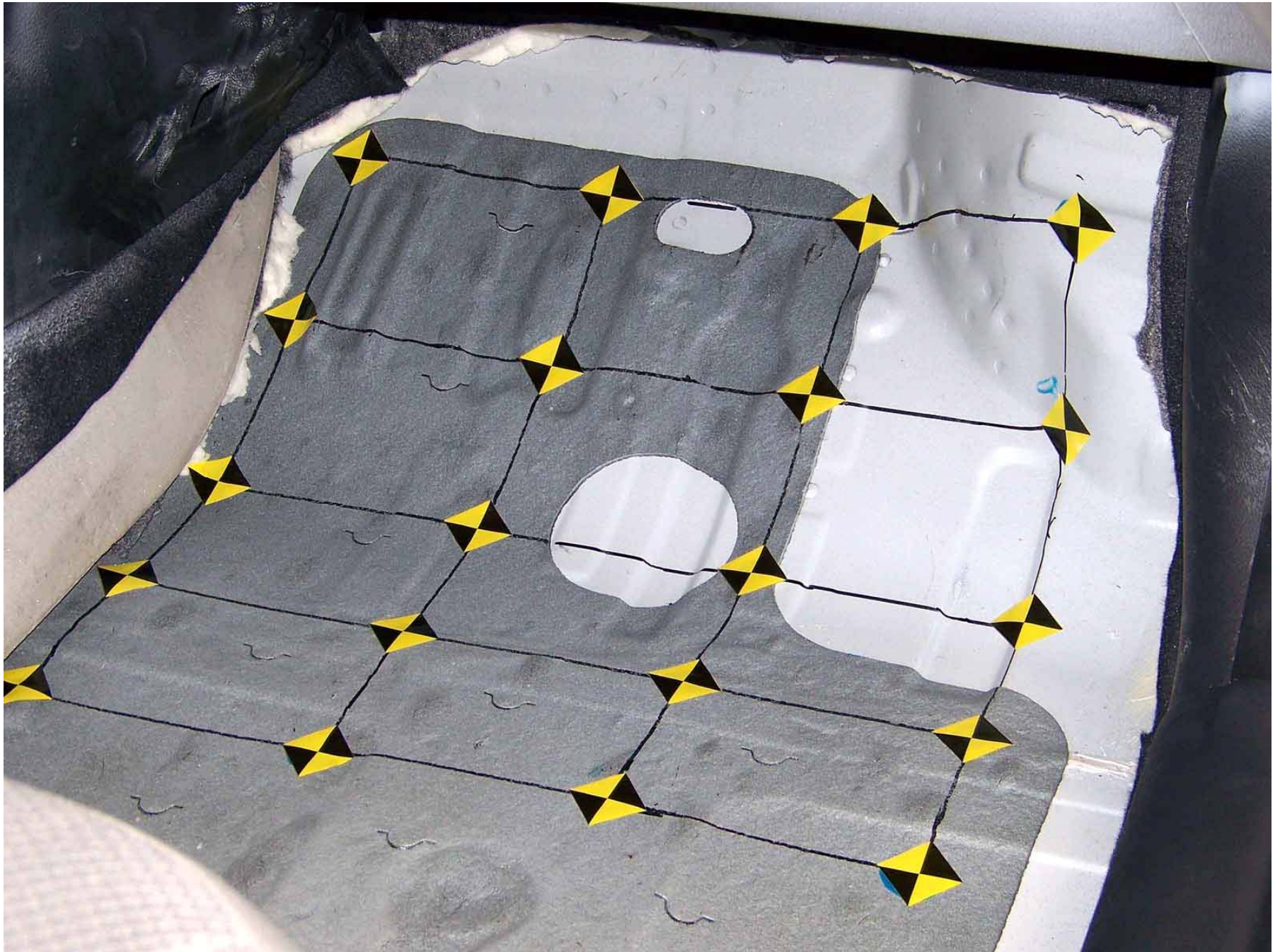


Figure A-59: Pre-Test Passenger's Side Floorpan

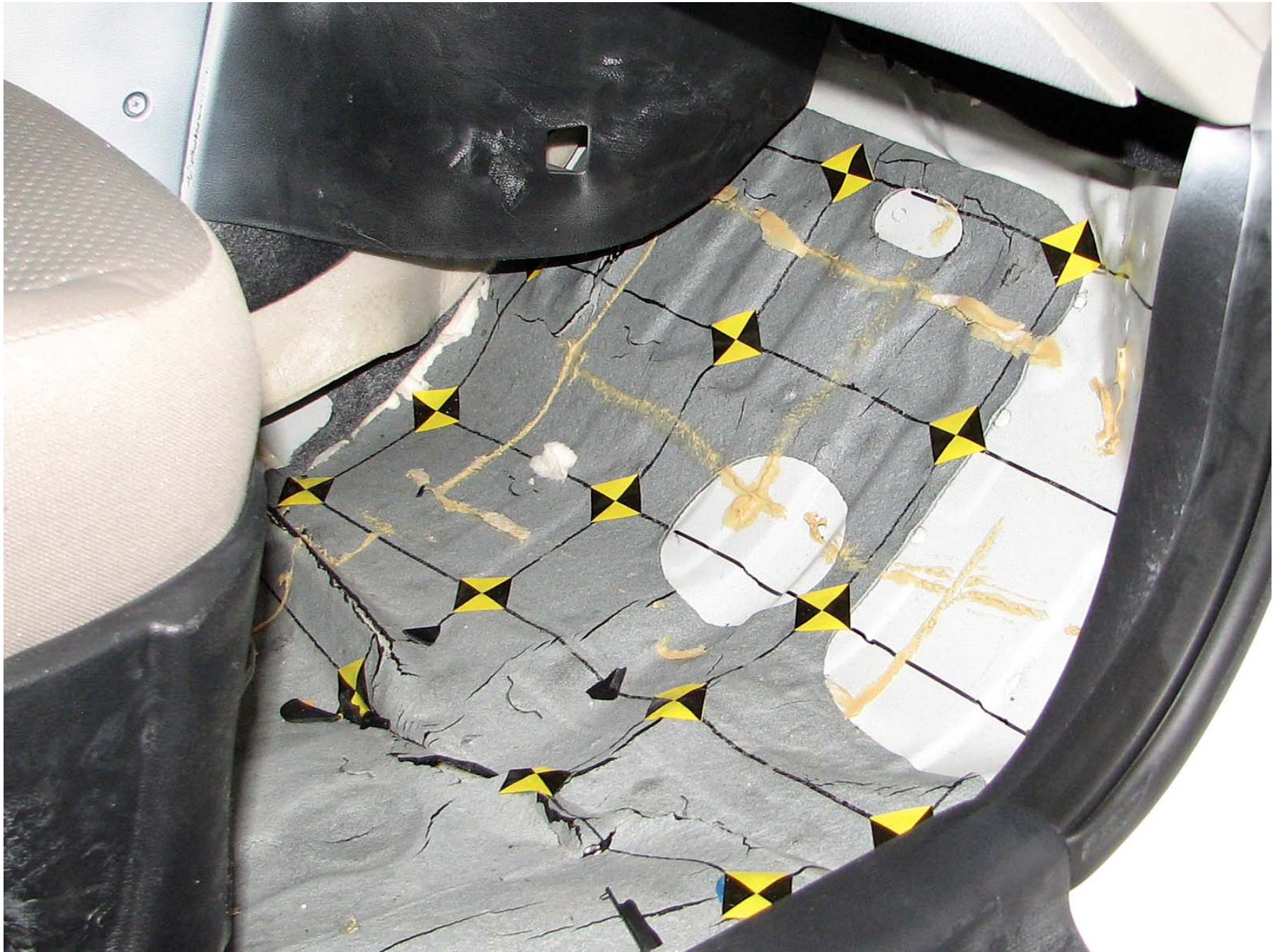


Figure A-60: Post-Test Passenger's Side Floorpan



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

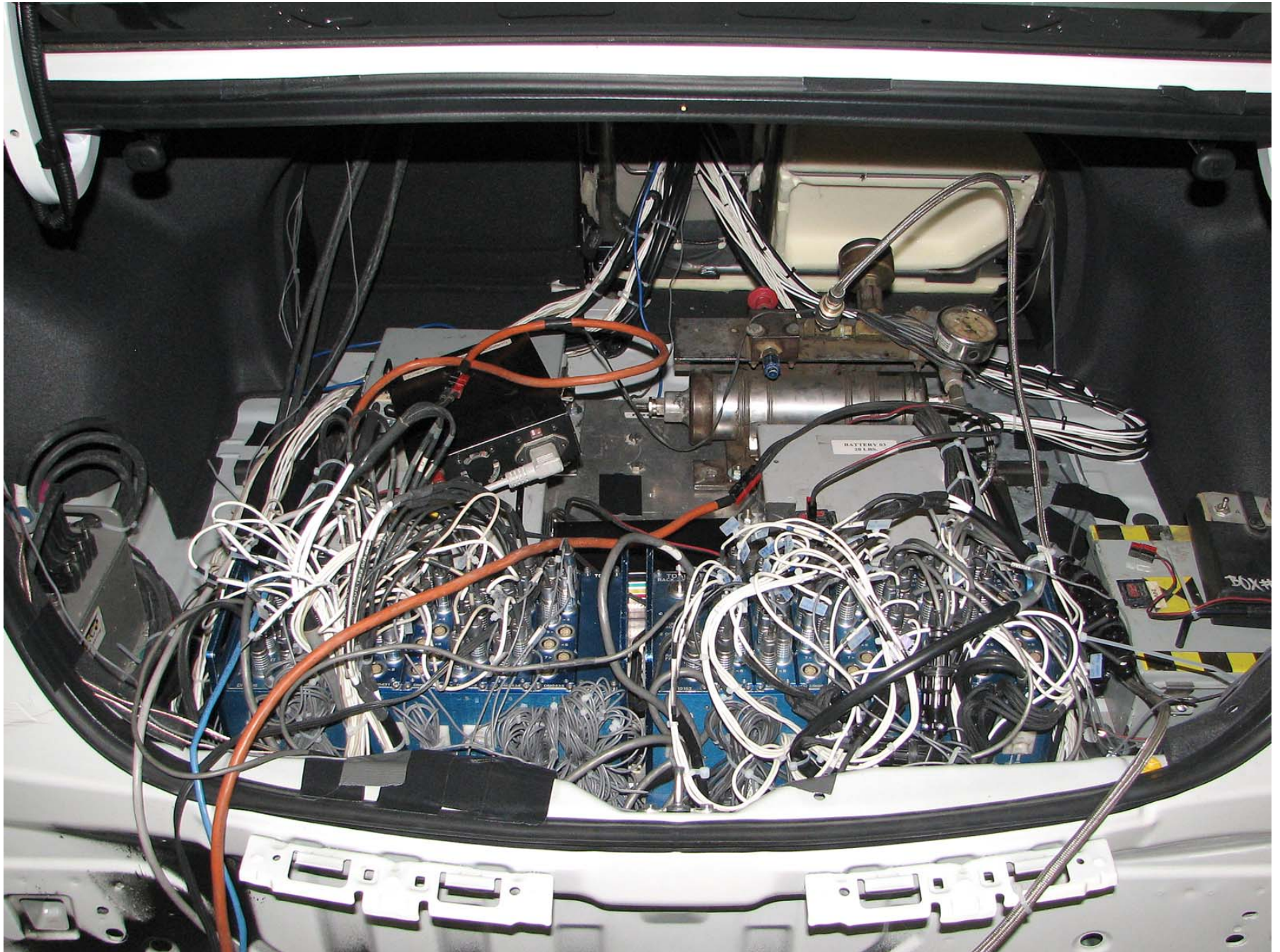


Figure A-65: Pre-Test Ballast Installed in Vehicle



Figure A-66: Post-Test Speed Trap Readout – View 1



Figure A-67: Post-Test Speed Trap Readout – View 2



Figure A-68: Vehicle at 0° on Static Rollover Device



Figure A-69: Vehicle at 90° on Static Rollover Device



Figure A-70: Vehicle at 180° on Static Rollover Device

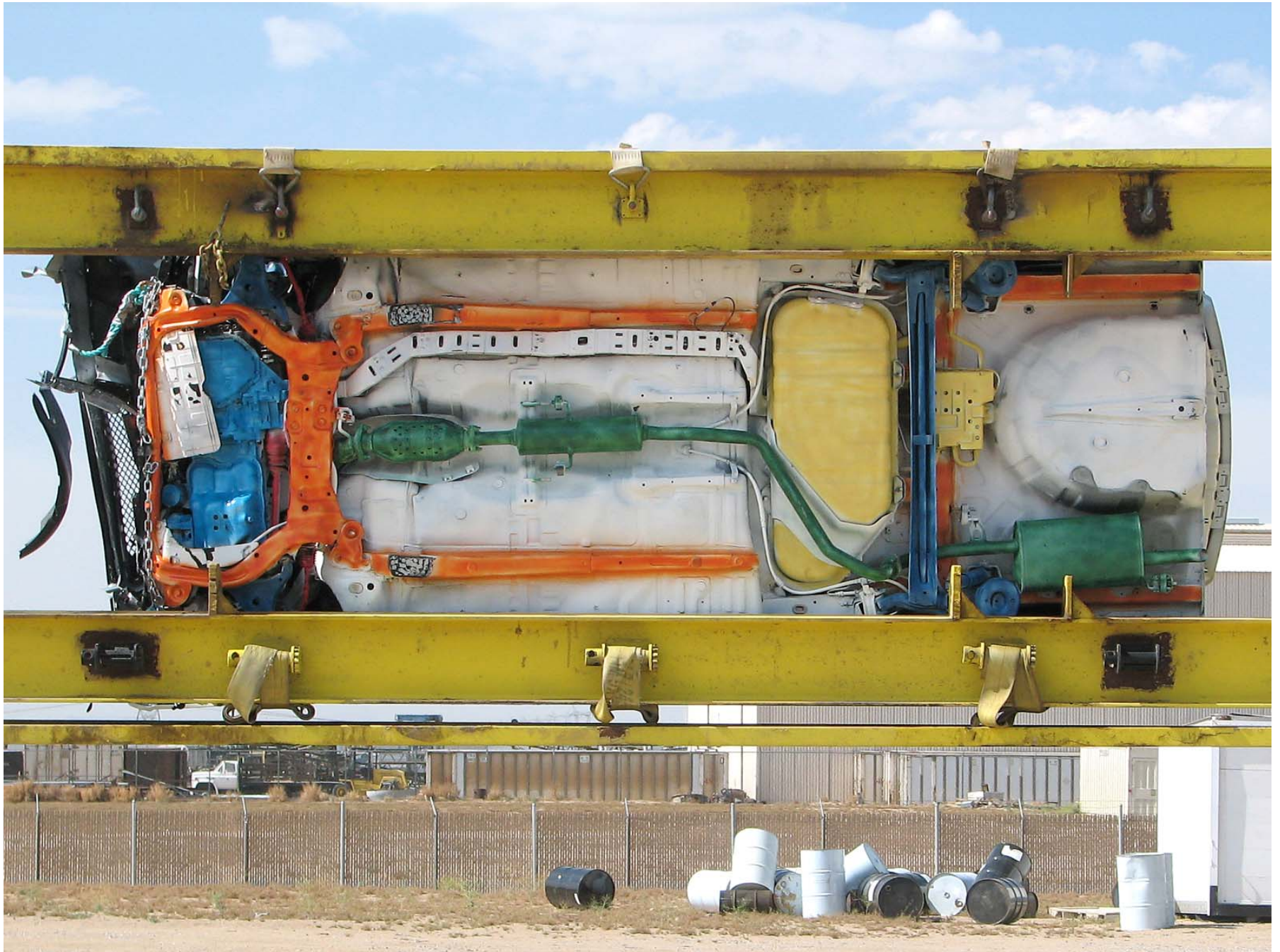


Figure A-71: Vehicle at 270° on Static Rollover Device



Figure A-72: Vehicle at 360° on Static Rollover Device



Figure A-73: Impact Photograph