



Figure A-1: As-Delivered Right Front $\frac{3}{4}$ View of Test Vehicle



Figure A-2: As-Delivered Left Rear $\frac{3}{4}$ View of Test Vehicle



Figure A-3: Pre-Test Frontal View of Test Vehicle



Figure A-4: Post-Test Frontal View of Test Vehicle



Figure A-5: Pre-Test Left $\frac{3}{4}$ Front View of Test Vehicle



Figure A-6: Post-Test Left $\frac{3}{4}$ Front View of Impact Zone



Figure A-7: Pre-Test Left Side View of Test Vehicle



Figure A-8: Post-Test Left Side View of Test Vehicle



Figure A-9: Pre-Test Left 3/4 Rear View of Test Vehicle



Figure A-10: Post-Test Left $\frac{3}{4}$ Rear View of Impact Zone



Figure A-11: Pre-Test Rear View of Test Vehicle



Figure A-12: Post-Test Rear View of Test Vehicle



Figure A-13: Pre-Test Right Side View of Test Vehicle



Figure A-14: Post-Test Right Side View of Test Vehicle



Figure A-15: Pre-Test Overhead View of Test Vehicle with MDB Positioned



Figure A-16: Post-Test Overhead View of Test Vehicle with MDB Positioned



Figure A-17: Pre-Test Left Side View of MDB Positioned Against Test Vehicle



Figure A-18: Pre-Test Right Side View of MDB Positioned Against Test Vehicle



Figure A-19: Pre-Test Close-Up View of Impact Point Target

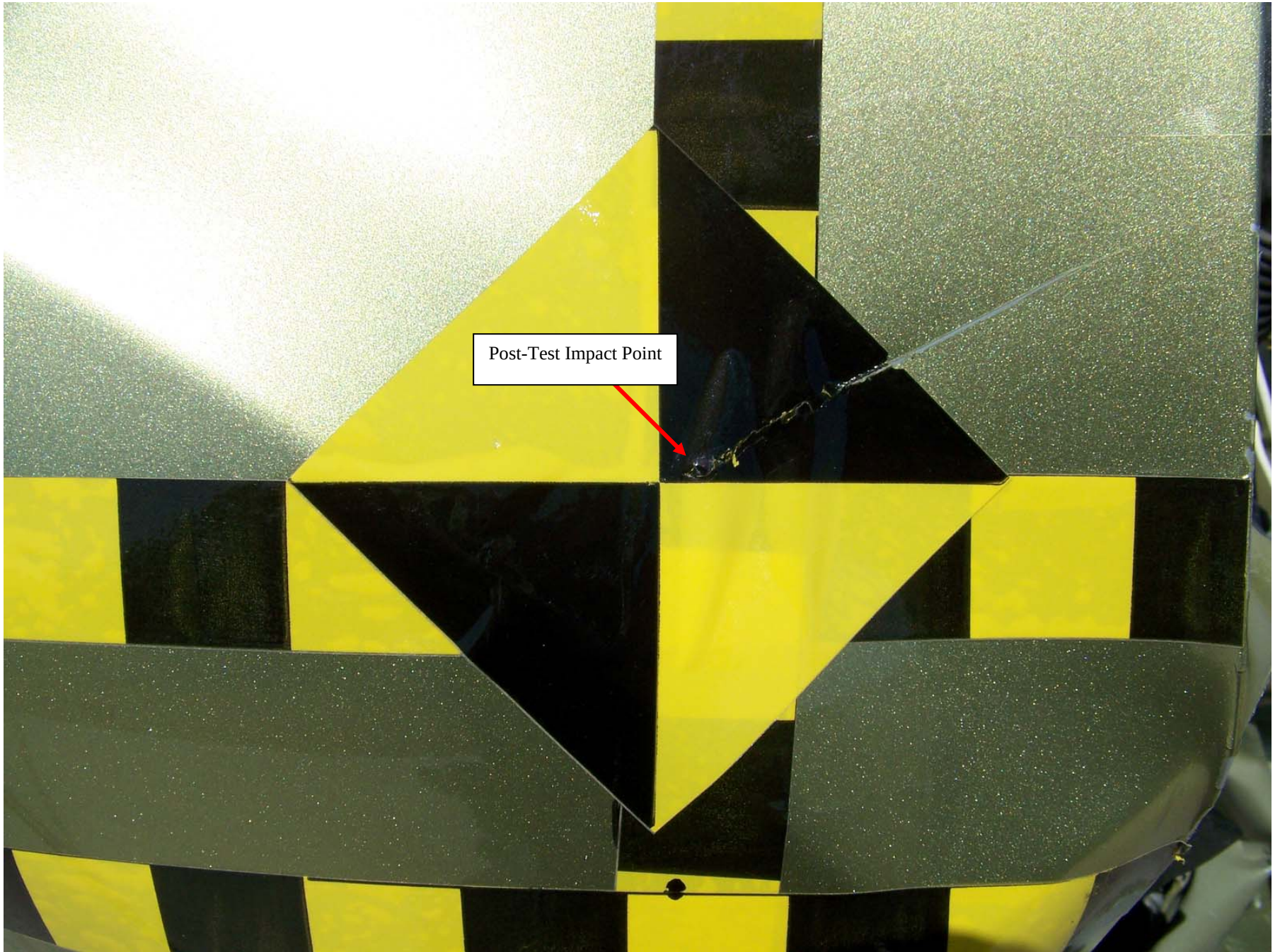


Figure A-20: Post-Test Close-Up View of Impact Point Target Showing Impact Location



Figure A-21: Pre-Test Left Front Door Latch Close-Up (With Door Closed)



Figure A-22: Post-Test Left Front Door Latch Close-Up (With Door Closed)



Figure A-23: Pre-Test Left Rear Door Latch Close-Up (With Door Closed)



Figure A-24: Post-Test Left Rear Door Latch Close-Up (With Door Closed)



Figure A-25: Pre-Test Front Close-Up View of Driver Dummy (Through Front Window)



Figure A-26: Post-Test Front Close-Up View of Driver Dummy (Through Front Window)



Figure A-27: Pre-Test Left Side View of Driver Dummy Showing Belt, Chalking, and Contact Switches (Door Open)



Figure A-28: Pre-Test Left Side View of Driver Dummy Shoulder and Door Top View (Door Closed)



Figure A-29: Post-Test Left Side View of Driver Dummy Shoulder and Door Top View (Door Closed)



Figure A-30: Pre-Test Close-Up Left Side View of Driver Seat Track Showing Seat Positioning

**Photograph Not
Available**

Figure A-31: Pre-Test Close-Up Left Side View of Driver Seat Back Showing Seat Back Positioning



Figure A-32: Pre-Test Driver Dummy and Door Clearance View

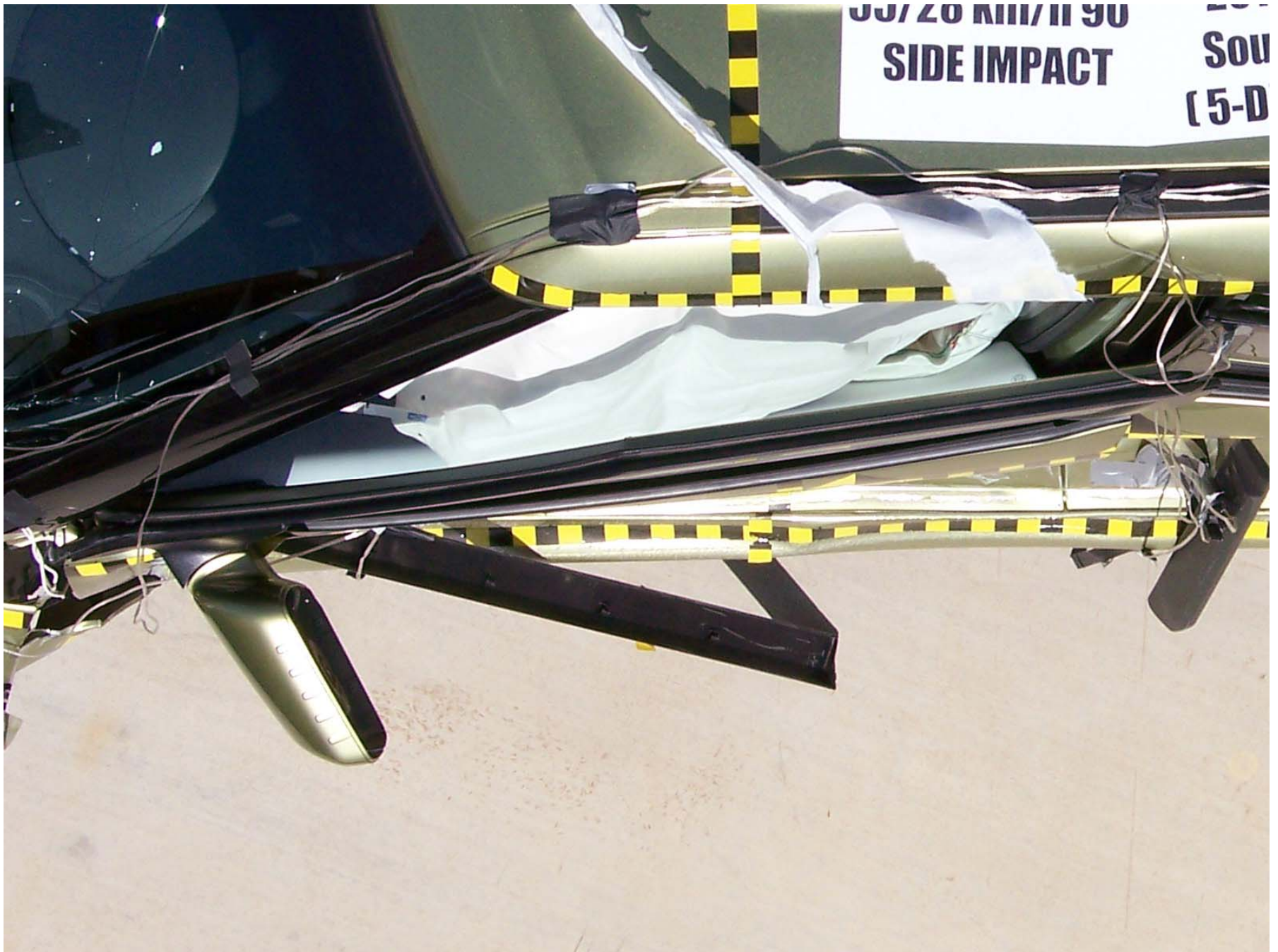


Figure A-33: Post-Test Driver Dummy and Door Clearance View



Figure A-34: Pre-Test Right Side View of Front Seat of Occupant Compartment (Through Window With Dummy)



Figure A-35: Post-Test Right Side View of Front Seat of Occupant Compartment (Through Window With Dummy)



Figure A-36: Pre-Test Driver Inner Door Panel View



Figure A-37: Post-Test Driver Inner Door Panel View



Figure A-38: Post-Test Driver Dummy Head Contact View



Figure A-39: Post-Test Driver Dummy Door Contact View



Figure A-40: Pre-Test Left Side View of Passenger Dummy Showing Belt, Chalking, and Contact Switches (Door Open)



Figure A-41: Pre-Test Left Side View of Passenger Dummy Shoulder and Door Top View (Door Closed)



Figure A-42: Post-Test Left Side View of Passenger Dummy Shoulder and Door Top View (Door Closed)



Figure A-43: Pre-Test Close-Up Left Side View of Passenger Seat Track Showing Seat Positioning

**Photograph Not
Available**

Figure A-44: Pre-Test Close-Up Left Side View of Passenger Seat Back Showing Seat Back Positioning



Figure A-45: Pre-Test Passenger Dummy and Door Clearance View

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IMPACT

2010 KIA
Soul Plus
(5-DR MPV)



Figure A-46: Post-Test Passenger Dummy and Door Clearance View



Figure A-47: Pre-Test Right Side View of Rear Seat of Occupant Compartment (Through Window With Dummy)



Figure A-48: Post-Test Right Side View of Rear Seat of Occupant Compartment (Through Window With Dummy)



Figure A-49: Pre-Test Passenger Inner Door Panel View



Figure A-50: Post-Test Passenger Inner Door Panel View



Figure A-51: Post-Test Passenger Dummy Head Contact View

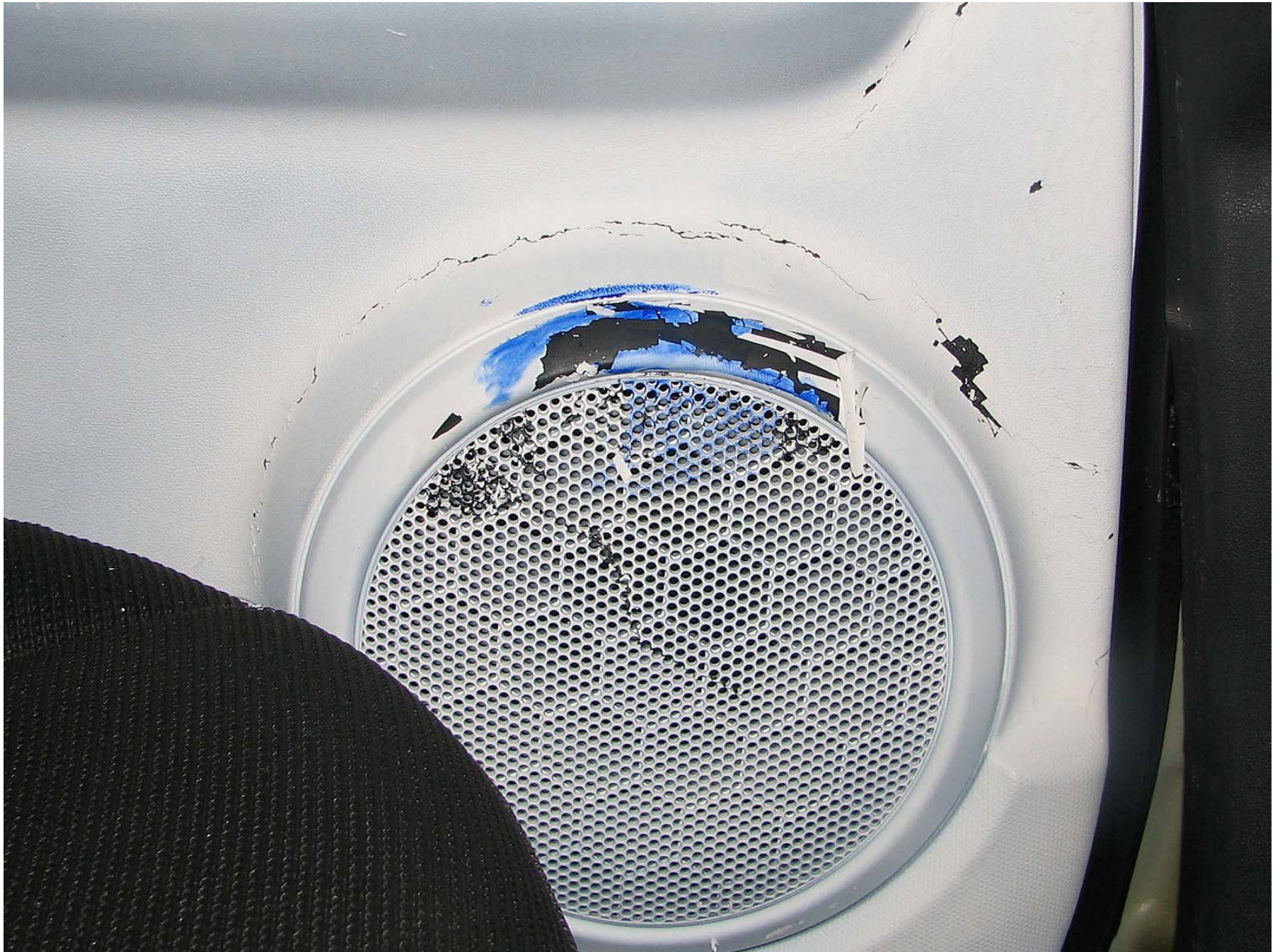


Figure A-52: Post-Test Passenger Dummy Door Contact View



MANUFACTURED IN KOREA BY
KIA MOTORS CORPORATION

01/09

GVWR 3880 LB

PAINT I7

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 KNDJT2A24A7029646

MPV

Figure A-53: Close-Up View of Vehicle's Certification Label



TIRE AND LOADING INFORMATION PNEUS ET CHARGE-INFORMATION

SEATING CAPACITY	TOTAL 5	FRONT 2	REAR 3
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NOMBRE DE SIÈGES	TOTAL 5	AVANT 2	ARRIÈRE 3
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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
FRONT/ AVANT	P205/55R16	230KPA, 33 PSI
REAR/ ARRIÈRE	P205/55R16	230KPA, 33 PSI
SPARE/ SECOURS	T125/80D15	420kPa, 60psi

SEE OWNER'S
MANUAL FOR
ADDITIONAL
INFORMATION

CONSULTER LE
GUIDE DU
PROPRIÉTAIRE
POUR OBTENIR
DES
RENSEIGNEMENTS
ADDITIONNELS

P205/55R16

FR
RE

Figure A-54: Close-Up View of Vehicle's Tire Information Placard



Figure A-55: Pre-Test Front View of MDB Impactor Face



Figure A-56: Post-Test Front View of MDB Impactor Face



Figure A-57: Pre-Test Top View of MDB Impactor Face



Figure A-58: Post-Test Top View of MDB Impactor Face



Figure A-59: Pre-Test Left Side View of MDB Impactor Face



Figure A-60: Post-Test Left Side View of MDB Impactor Face



Figure A-61: Pre-Test Right Side View of MDB Impactor Face



Figure A-62: Post-Test Right Side View of MDB Impactor Face

Speed Trap 1
ARCC
Engineering
03/19/09
03/19/10
Kelsey



Speed Trap 2
ARCC
Engineering
n Date: 05/12/08
n Due Date: 05/08/09



Figure A-63: Primary and Redundant Speed Trap Velocity Readout with Placard Showing NHTSA No.



Figure A-64: FMVSS 301/305 Rollover 0°



Figure A-65: FMVSS 301/305 Rollover 90°



Figure A-66: FMVSS 301/305 Rollover 180°

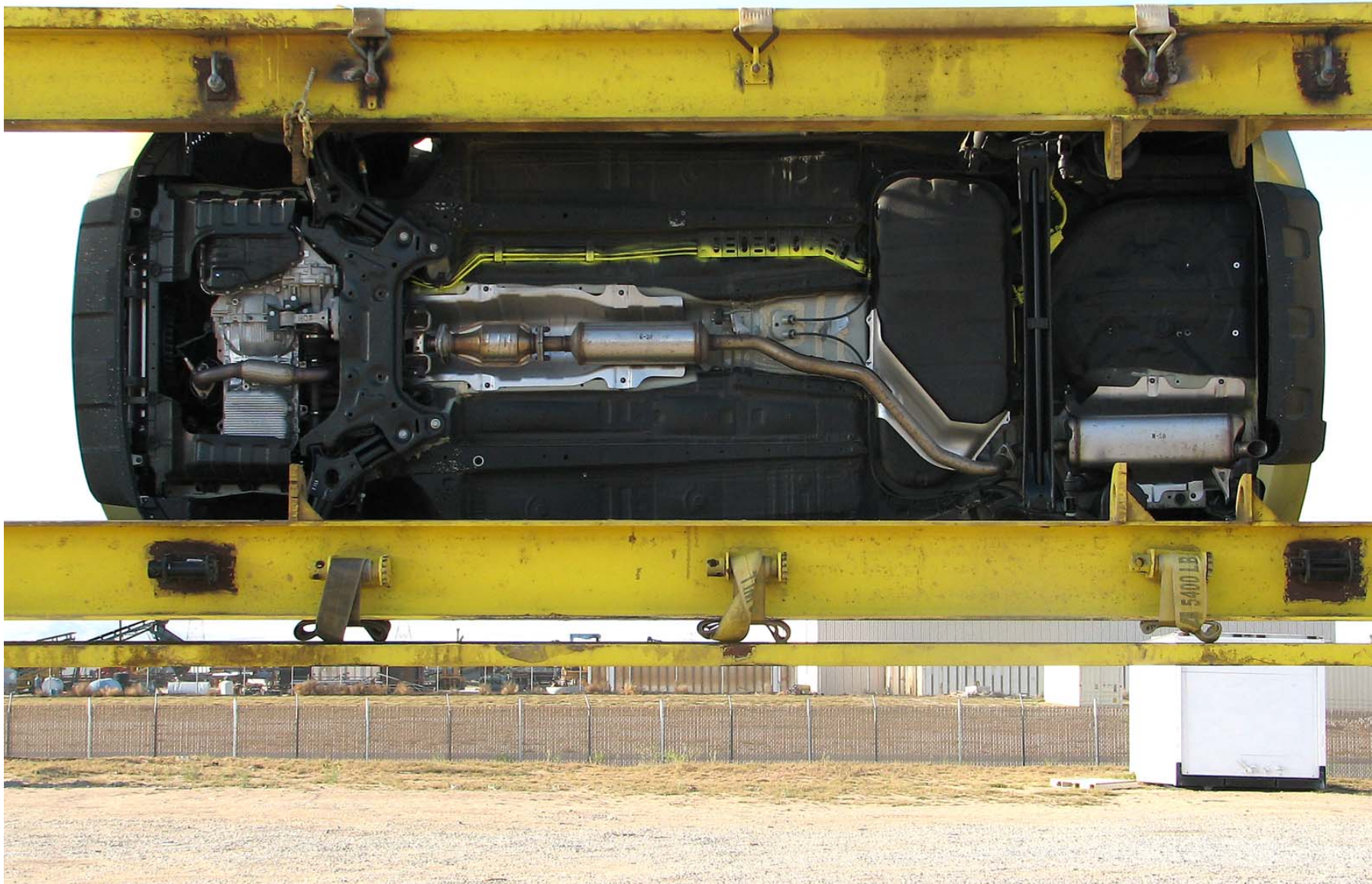


Figure A-67: FMVSS 301/305 Rollover 270°



Figure A-68: FMVSS 301/305 Rollover 360°



Figure A-69: Impact Event (Impact Side)