<u>Q1, 2 - Basic</u>	Vehicle Ide	ntifying Info	ormation					<u>pe & Uni-</u> r Frame	<u>Q6 - Pe</u>	erformance o	f Corporate	Twins in NCA
Q 1.1	Q 1.2	Q 1.3	Q 2	Q 3.1	Q 3.2	Q 3.3	Q 4	Q 5	Q 6.1	Q 6.2	Q 6.3	Q 6.4
Manufacturer	Make	Model	Body style	Type of electric vehicle	Operating voltage system (in volts)	Battery type used (Li-Ion, NiMH, or other)	Vehicle type certified	Is the vehicle uni- body or frame- based?	Corporate twins NCAP frontal	Corporate twins NCAP side MDB	Corporate twins NCAP side pole	Corporate twins NCAP rollover
Choose from drop-down menu	Choose from drop- down menu	Insert text	Choose from drop- down menu	Drop down menu - PHEV - MHEV - HEV - BEV	Insert text	Drop down menu - Li-Ion - NiMH - Other	Drop down menu - PC - MPV - Truck	Drop down menu - Uni-Body - Frame- Based	Insert text	Insert text	Insert text	Insert text

<u>P Tests</u>		Seating Pos nformation			<u>Drive</u> heelbase		<u>oss Vehicle</u> ing (GVWR)	<u>Q 11 - Bod</u>		n Different No ings	CAP Safety	<u>Q 12,</u> <u>Availabili</u>
Q 6.5	Q 7.1	Q 7.2	Q 7.3	Q 8.1	Q 8.2	Q 9	Q 10	Q 11.1	Q 11.2	Q 11.3	Q 11.4	Q 12
Corporate twin comments	Number of seating positions	Seating positions	Seating positions comments	What are the available drive system types?	What are the available wheelbase options?		Maximum Gross Vehicle Weight Rating (Ibs)	styles that	styles that	Side Pole NCAP - body styles that do not share safety ratings	styles that	
Insert text	Insert number	Insert seating position numbers	Insert text	Insert comma separated text: - FWD - RWD - 2WD - 2WD - 4WD - AWD	Insert text	Insert number	Insert number	Insert text	Insert text	Insert text	Insert text	Insert date

	-								B. Crashworthines:	s Information	
<u>13 -</u> ity/Sales			<u>Q14</u>	- NCAP Resul	ts That Carry	<u>Over</u>			<u>Q15 - Adjustable U</u> <u>Belt Ancho</u>		
Q 13	Q 14.1	Q 14.2	Q 14.3	Q 14.4	Q 14.5	Q 14.6	Q 14.7	Q 14.8	Q 15.1	Q 15.2	Q 16.1
Projected sales volume	If frontal NCAP carryover, indicate earliest model year that carries over	If not frontal NCAP carryover, state reason for the difference	If side MDB NCAP carryover, indicate earliest model year that carries over	If not side MDB NCAP carryover, state reason for the difference	If side pole NCAP carryover, indicate earliest model year that carries over	If not side pole NCAP carryover, state reason for the difference	If rollover NCAP carryover, indicate earliest model year that carries over	If not rollover NCAP carryover, state reason for the difference	Adjustable upper shoulder belt anchorages	Adjustable upper shoulder belt anchorages seating positions	Seat belt pretensioners
Insert number	Insert model year	Insert text	Insert model year	Insert text	Insert model year	Insert text	Insert model year	Insert text	Drop down menu - Standard - Optional - None	Insert seating position numbers	Drop down menu - Standard - Optional - None

Q	16 - Seat Belt P	retensioners_			<u>Q17 - Se</u>	at Belt Load <u>S</u>	d Limiter/ E ystem (EMS		agement	<u>Q18-3</u>		
Q 16.2	Q 16.3	Q 16.4	Q 16.5	Q 16.6	Q 17.1	Q 17.2	Q 17.3	Q 17.4	Q 17.5	Q 18.1	Q 18.2	Q 18.3
Seat belt pretensioners seating positions	Seat belt pretensioners type	Seat belt pretensioners - Number of Levels	Are they activated in side MDB, side pole and/or rollover crashes?	Seat belt pretensioner comments	Seat belt load limiters or other EMS	Seat belt load limiter or other EMS seating positions	Seat belt load limiters or other EMS type	Seat belt load limiters or other EMS - Number of levels	Seat belt load limiter or other EMS comments	Seat belt reminder indicator seat positions	Driver seat belt reminder indicator that goes beyond what is required by FMVSS No. 208	Driver Belt - Indicate whether visual, audible, or
Insert seating position numbers	Insert comma separated text: - Buckle - Anchor - Retractor	Insert number	Drop down menu - Yes - No - N/A	Insert text	Drop down menu - Standard - Optional - None	secting	Insert text	Insert number	Insert text	Insert seating position numbers	Drop down menu - Yes - No - N/A	Drop down menu - Visual - Audible - Both

eat Belt Re	eminders (D	river, Front	Passenger,	<u>Rear)</u>			<u>Q 19 -</u> LATCH						
Q 18.4	Q 18.5	Q 18.6	Q 18.7	Q 18.8	Q 18.9	Q 18.10	Q 19	Q 20.1	Q 20.2	Q 20.3	Q 20.4	Q 20.5	Q 20.6
Driver Belt - Indicate active seconds/ minutes of each indicator	Front Passenger Belt - Indicate whether visual, audible, or both	Front Passenger Belt - Indicate active seconds/m inutes of each indicator	Front Passenger Belt - Indicate if the visual reminder is separate from that used for the driver	Rear Seat Belt - Indicate whether visual, audible, or both	Rear Seat Belt - Indicate active seconds/ minutes of each indicator	Rear Seat Belt - Indicate whether occupant detection is used	Full Lower Anchor and Top Tether rear seat positions	Head air bag	Head protection side air bag type	Indicate installation rate if optional	Head air bag seating positions	Head air bag mount location	Head air bag comments
Insert number	Drop down menu - Visual - Audible - Both	Insert number	Insert text	Drop down menu - Visual - Audible - Both	Insert number	Insert text	Insert seating position numbers with complete sets of lower anchors and top tethers	Drop down menu - Standard - Optional - None	Drop down menu - Curtain - Head/Torso - Head - Tube - Tube - None - Other (Head)	Insert number (percent)	Insert seating position numbers	Drop down menu - Door - Roof - Seat - Sill - N/A - See Comment	Insert text

<u>Q20 - Side Air Bags (Head, Torso, Pelvis)</u>											<u>Q21- Curtai</u> <u>Perforn</u>	
Q 20.7	Q 20.8	Q 20.9	Q 20.10	Q 20.11	Q 20.12	Q 20.13	Q 20.14	Q 20.15	Q 20.16	Q 20.17	Q 20.18	Q 21.1
Torso air bag	Torso protection side air bag type	Indicate installation rate if optional	Torso air bag seating positions	Torso air bag mount location	Torso air bag comments	Pelvis air bag	Pelvis protection side air bag type	Indicate installation rate if optional	Pelvis air bag seating positions	Pelvis air bag mount location	commonte	If vehicle has curtain air bags, are they deployable in a rollover?
Drop down menu - Standard - Optional - None	- Torso	Insert number (percent)	Insert seating position numbers	Drop down menu - Door - Roof - Seat - Sill - N/A - See Comment	Insert text	Drop down menu - Standard - Optional - None	Drop down menu - Pelvis - Torso/Pelvis - None - Other (Pelvis)	Insert number (percent)	Insert seating position numbers	Drop down menu - Door - Roof - Seat - Sill - N/A - See Comment	Insert text	Drop down menu - Yes - No - N/A

in Air Bag nance	<u>Q22 - SAB</u> <u>OOP</u>	<u>Q 23 - I</u>	nflatable Kr	nee Bolsters		<u>Q24 - O</u>	ther Air bags				<u>Q25- Heac</u>
Q 21.2	Q 22	Q 23.1	Q 23.2	Q 23.3	Q 24.1	Q 24.2	Q 24.3	Q 24.4	Q 24.5	Q 24.6	Q 25.1
What is the duration of air bag inflation?		Inflatable	Indicate seating position(s)	Indicate installation rate if optional	Other air bag	Other air bag type	Indicate installation rate if optional	Other air bag type seating positions	Other air bag type mount location	Other air bag type comments	Head restraints, indicate seating positions?
Insert text	Drop down menu - Yes - No - N/A	Drop down menu - Standard - Optional - None	Insert seating position number(s)	Insert number (percent)	Drop down menu - Standard - Optional - None	Drop down menu - Seat Pan Air Bag - Inflatable Seat Belt Air Bag - Front Center Air Bag - Rear Window Air Bag - Other Type	Insert number (percent)	Insert seating position numbers	Insert text	Insert text	Insert seating position numbers

	C. Other techno	logies						-				
<u>l Restraints</u>	<u>Q26 - Automat</u>	tic Crash Notif	fication (ACN) or Advanced	<u>Automatic Cra</u>	ash Notifica	<u>tion (AACN)</u>		<u>Q 27 - Even</u>	<u>t Data Reco</u>	<u>rder (EDR)</u>	
Q 25.2	Q 26.1	Q 26.2	Q 26.3	Q 26.4	Q 26.5	Q 26.6	Q 26.7	Q 27.1	Q 27.2	Q 27.3	Q 27.4	Q 27.5
Dynamic head restraints, indicate seating positions?	Automatic crash notification (ACN) or advanced automatic crash notification (AACN)	If ACN/AACN is optional, indicate estimated penetration rate	Automatic crash notification trigger	For AACN, what type of data is transmitted?	Is a subscription service required? At what time does it expire?	Does the system rely on a mobile phone?		Event data recorder (EDR)	If EDR is optional, indicate estimated penetration rate	EDR trigger	How many seconds of precrash data does the EDR record?	Event data recorder comments
Insert seating position numbers	Drop down menu - Standard - Optional - None	Insert number (percent)	Insert text	Insert text	Insert text	Drop down menu - Yes - No - N/A	Insert text	Drop down menu - Standard - Optional - None	Insert number (percent)	Insert text	Insert number	Insert text

	<u>Q 28</u> -	- Combined Lateral and	d Longitudinal Control	
Q 28.1	Q 28.2	Q 28.3	Q 28.4	Q 28.5
Does the vehicle have a system capable of sustained, simultaneous control over the lateral and longitudinal vehicle motion control subtasks in certain circumstances?		Indicate the name this system is publicly referred to by/marketed as	Enter the minimum effective operating speed of this system. If this system functions at both lower speeds and higher speeds, please indicate the mininum functional speed for both functions	Enter the maximum operating speed of this system. If this system functions at both lower speeds and higher speeds, please indicate the maximum functional speed for both functions
Drop down menu - Standard - Optional - None	Insert number (percent)	Insert text	Insert number (mph)	Insert number (mph)

A. Vehicle Information

D. Crash Avoidance systems

<u>Q1, 2 - Ba</u>	sic Vehicle Ide	entifying Inf	ormation		<u>2, 13 -</u> ility/Sales		
Q 1.1	Q 1.2	Q 1.3	Q 2	Q 12	Q 13	Q 29.1	Q 29.2
Manufacturer	Make	Model	Body style	Availability date at dealers	Projected sales volume	Name for FCW system(s)	Standard or Optional
Choose from drop-down menu	Choose from drop-down menu	Insert text	Choose from drop-down menu	Insert date	Insert number	Insert text	- Standard - Optional - None

Q 29.3	Q 29.4	Q 29.5	Q 29.6(a)	Q 29.6(b)	Q 29.7
Package name(s) or trim line(s) (if applicable)	If FCW is optional, indicate estimated penetration rate for each system	Does the FCW system meet NCAP performance criteria? Specify which system(s)/sensor(s) meet or do not meet. Provide test data for each system/sensor type (if applicable) in the CA Data tab	If FCW system(s) carryover, indicate earliest model year that carries over for each system	If FCW system(s) carryover, indicate if vehicle was tested by NCAP and specify which model year and system	state the reason for the
Insert text	Insert number (percent)	Insert text - Yes - No - N/A	Insert model year	Insert text	Insert text

Q29 - Forward Collision Warning (FCW)

Γ	Q 29.8	Q 29.9	Q 30.1	Q 30.2	Q 30.3	Q 30.4
	FCW NCAP Technology clones	Any additional comments for the FCW system(s)	Name for LDW system(s)	Standard or Optional	Package name(s) or trim line(s) (if applicable)	If LDW is optional, indicate estimated penetration rate for each system
	Insert text	Insert text	Insert text	- Standard - Optional - None	Insert text	Insert number (percent)

<u>Q30 - Lane Departure Warning (LDW)</u>								
Q 30.5	Q 30.6(a)	Q 30.6(b)	Q 30.7	Q 30.8	Q 30.9			
Does the LDW system meet NCAP performance criteria? Specify which system(s)/sensor(s) meet or do not meet. Provide test data for each system/sensor type (if applicable) in the CA Data tab	If LDW system(s) carryover, indicate earliest model year that carries over for each system	If LDW system(s) carryover, indicate if vehicle was tested by NCAP and specify which model year and system	If LDW system(s) do not carryover, state the reason for the difference	LDW NCAP Technology clones	Any additional comments for the LDW system			
Insert text - Yes - No - N/A	Insert model year	Insert text	Insert text	Insert text	Insert text			

ſ						<u>Q31 - Cras</u> l
	Q 31.1	Q 31.2	Q 31.3	Q 31.4	Q 31.5	Q 31.6
	Name for CIB system(s)	Standard or Optional	Package name(s) or trim line(s) (if applicable)	If CIB is optional, indicate estimated penetration rate for each system	What are the CIB technology minimum operating speeds? Specify if there are multiple systems/sensor types	What are the CIB technology maximum operating speeds? Specify if there are multiple systems/sensor types
	Insert text	- Standard - Optional - None	Insert text	Insert number (percent)	Insert number (mph)	Insert number (mph)

<u>h Imminent Braking (CIB)</u>

Q 31.7	Q 31.8(a)	Q 31.8(b)	Q 31.9	Q 31.10
Does the CIB system meet NCAP performance criteria? Specify which system(s)/sensor(s) meet or do not meet. Provide test data for each system/sensor type (if applicable) in the CA Data tab	carryover, indicate earliest model year that carries over for	If CIB system(s) carryover, indicate if vehicle was tested by NCAP, and specify which model year and system	If CIB sytem(s) do not carryover, state the reason for the difference	CIB NCAP Technology clones
Insert text - Yes - No - N/A	Insert model year	Insert text	Insert text	Insert text

						<u>Q32 - [</u>
Q 31.11	Q 32.1	Q 32.2	Q 32.3	Q 32.4	Q 32.5	Q 32.6
Any additional comments for the CIB system	Name for DBS system(s)	Standard or Optional	Package name(s) or trim line(s) (if applicable)	If DBS is optional, indicate estimated penetration rate for each system	What are the DBS technology minimum operating speeds? Specify if there are multiple systems/sensor types	What are the DBS technology maximum operating speeds? Specify if there are multiple systems/sensor types
Insert text	Insert text	- Standard - Optional - None	Insert text	Insert number (percent)	Insert number (mph)	Insert number (mph)

<u>)ynamic Brake Support (DBS)</u>

Q 32.7	Q 32.8(a)	Q 32.8(b)	Q 32.9	Q 32.10
Does the DBS system meet NCAP performance criteria? Specify which system(s)/sensor(s) meet or do not meet. Provide test data for each system/sensor type (if applicable) in the CA Data tab	If DBS system(s) carryover, indicate earliest model year that carries over for each system	If DBS system(s) carryover, indicate if vehicle was tested by NCAP and specify which model year and system	If DBS system(s) do not carryover, state the reason for the difference	DBS NCAP Technology clones
Insert text - Yes - No - N/A	Insert model year	Insert text	Insert text	Insert text

	Q33 - Pedestrian Automatic Emergency Braking (PAEB)							
Q 32.11	Q 33.1	Q 33.2	Q 33.3	Q 33.4	Q 33.5	Q 33.6		
Any additional comments for the DBS system	Name for PAEB system(s)	Standard or Optional	Package name(s) or trim line(s) (if applicable)	If PAEB is optional, indicate estimated penetration rate for each system	Is PAEB directed at forward collisions, rearward collisions, or both?	What are the PAEB technology minimum operating speeds?		
Insert text	Insert text	- Standard - Optional - None	Insert text	Insert number (percent)	Drop down menu - Forward - Rearward - Both - N/A	Insert number (mph)		

	<u>Q34 - Lane Keeping Support (LK</u>						oort (LKS)
Q 33.7	Q 33.8	Q 34.1	Q 34.2	Q 34.3	Q 34.4	Q 34.5	Q 34.6
What are the PAEB technology maximum operating speeds?	Any additional comments for the PAEB system(s)	Name for LKS system(s)	Standard or Optional	Package name(s) or trim line(s) (if applicable)	lf LKS is optional, indicate estimated penetration rate for each system	If vehicle is equipped with LKS, how does the vehicle intervene?	What are the LKS technology minimum operating speeds?
Insert number (mph)	Insert text	Insert text	- Standard - Optional - None	Insert text	Insert number (percent)	Drop down menu - Steering Torque - Brake Jerk - Other (See Comments)	Insert number (mph)

			<u>Q35 - Blind Spot Detection (BSD)</u>				
Q 34.7	Q 34.8	Q 34.9	Q 35.1	Q 35.2	Q 35.3	Q 35.4	
What are the LKS technology maximum operating speeds?	system respond to	Any additional comments for the LKS system(s)	Name for BSD system(s)	Standard or Optional	Package name(s) or trim line(s) (if applicable)		
Insert number (mph)	Drop down menu - Yes - No	Insert text	Insert text	- Standard - Optional - None	Insert text	Insert number (percent)	

			9	Q36 - Blind Spot Inter
Q 35.5	Q 36.1	Q 36.2	Q 36.3	Q 36.4
Any additional comments for the BSD system(s), including whether your system detects motorcycles and pedalcycles	Name for BSI system(s)	Standard or Optional	Package name(s) or trim line(s) (if applicable)	If BSI is optional, indicate estimated penetration rate for each for each system
Insert text	Insert text	- Standard - Optional - None	Insert text	Insert number (percent)

<u>rvention (BSI)</u>				
Q 36.5	Q 36.6	Q 36.7	Q 36.8	Q 37.1
If vehicle is equipped with BSI, how does the vehicle intervene?	What are the BSI technology minimum operating speeds?	What are the BSI technology maximum operating speeds?	Any additional comments for BSI system(s)	Name for ISA system(s)
Drop down menu - Steering Torque - Brake Jerk - Other (See Comments)	Insert number (mph)	Insert number (mph)	Insert text	Insert text

Q37 - Intersection Safety Assist (ISA)

Q 37.2	Q 37.3	Q 37.4	Q 37.5	Q 37.6
Standard or Optional	Package name(s) or trim line(s) (if applicable)	If ISA is optional, indicate estimated penetration rate for each for each system	If vehicle is equipped with ISA, how does the vehicle intervene?	What are the ISA technology minimum operating speeds?
- Standard - Optional - None	Insert text	Insert number (percent)	Drop down menu - Steering Torque - Brake Jerk - Other (See Comments)	Insert number (mph)

				<u>Q38 -</u>	Lighting and Vi
Q 37.7	Q 37.8	Q 38.1	Q 38.2	Q 38.3	Q 38.4
What are the ISA technology maximum operating speeds?	Any additional comments for ISA system(s)	Lower Beam Headlamp Light Source	Indicate estimated penetration rate of lower beam headlamp light source	Rear Turn	Semiautomatic Headlamp Beam Switching system?
Insert number (mph)	Insert text	Insert text comma separated: - Halogen - HID - LED - Other	Input percentage for each type of headlamp light source separated by a comma (example: 10%, 25%, 65%)	Drop down menu - Red - Amber	Drop down menu - Standard - Optional - None

				E. Other Features				
sibility				<u>Q39 - Keyless Ignition</u>				
Q 38.5	Q 38.6	Q 38.7	Q 38.8	Q 39.1	Q 39.2	Q 39.3		
If beam switching system is optional, indicate estimated penetration rate	Automatic Automatic headlamp leveling system? Automatic estimated penetration rate of leveling		Lighting or visibility comments	Keyless ignition?	If Keyless ignition is optional, indicate estimated penetration rate	If there is an automatic engine shut-off feature associated with the keyless ignition system, what is the time duration for an idle vehicle engine to shut off?		
Number (percent)	Insert text comma separated: - Static - Dynamic - None	Number (percent)	Insert text	Drop down menu - Standard - Optional - None	Number (percent)	Number (time in minutes)		

	<u>Q40 - Power Windows/</u> <u>Rever</u>	-	<u>Q 41 - Distraction Lockout</u>			
Q 39.4	Q 40.1	Q 40.2	Q 41.1	Q 41.2	Q 41.3	
Keyless ignition comments	Are the windows and sunroofs with one-touch closing equipped with an automatic reversal system (ARS)? Answer only if the ARS meets the ARS performance specified in ECE R21 and/or S5 of FMVSS No. 118.	Positions of auto- reverse system (ARS) that are certified to the requirements of FMVSS No. 118 and/or ECE 21.	Distraction lockout (yes/no)	Does the system meet NHTSA's Guidelines?	Indicate estimated penetration rate for systems that meet NHTSA's Guidelines	
Insert text	Drop down menu - Standard - Optional - None	Insert seating position numbers	Drop down menu - Yes - No	Drop down menu - Phase 1 - Phase 2 - Phases 1 & 2 - None - non-NHTSA Guidelines	Number (percent)	

	Manufa	acturer: * TTC = lowest TTC value of all valid, passing trial runs						
			Forward Collision Warning System					
Γ		Model	In-House Test Report Number or		Stopp	ed POV		
	Maka			Complies with Test Procedure?	SV = 25 mph	POV = 0 mph		
	Make		NCAP Test Number		TTC*	# Passed out of 7		

* Distance = distance closest to failir

ו, NCAP TP				
Dec	el POV			
SV = 45 mph	45 mph POV = 45 mph SV = 45 mph POV = 20 mp		POV = 20 mph	In-House Test Report Number or
TTC*	# Passed out of 7	TTC*	# Passed out of 7	NCAP Test Number

ng of all valid, passing trial runs for each specific line type, + is Before the line, - is After the line

	Lane Departure Warning System, NCAP TP								
		White Solid Line				Yellow Dashed line			
Complies with Test Procedure?	Distance* Right	# Passed out of 5: Right	Distance* Left	# Passed out of 5: Left	Distance* Right	# Passed out of 5: Right	Distance* Left		

* ΔV = lowest ΔV of

		Bott	t Dots		
# Passed out of 5: Left	Distance* Right	# Deese d	Distance*	# Passed out of 5: Left	In-House Test Report Number or NCAP Test Number

all valid, passing trial runs

			Cras	n Imminent Bı	raking System,
	Complies with Test Procedure?	Stoppe	ed POV	Slower-Me	
Test Target Used (ADAC inflatable target, NHTSA SSV, Global vehicle target		<u>sv = 25 mp</u> m		<u>5v = 25 mpn POv = 10</u> mnh	
(GVT), other)			# Passed out of 7	Contact?	# Passed out of 7

NCAP TP							
oving POV Decelerating POV			STP Response Test				
<u>5v = 45 mpn POv = 20</u> mnh		<u>5v = 35 mpn POv = 35</u> mnh		25 mph		45 mph	
ΔV*	# Passed out of 7	ΔV*	# Passed out of 7	Peak Decel	# Passed out of 7	Peak Decel	# Passed out of 7

In-House Test Report Number or NCAP Test Number	Test Target Used (ADAC inflatable target, NHTSA SSV, Global vehicle target (GVT), other)	Complies with Test Procedure?	Hybrid or Displacement Brake Application Feedback	

Dynamic	Brake Supp	ort System, NCA	P TP			
Stopped I	POV		Deceleratin			
<u>5v = 25 mpn POv = 0</u> mnh		SV = 25 mph P0	OV = 10 mph	<u>5v = 45 mpn </u> mnh	sv = ss mpn mnh	
Contact?	# Passed out of 7	Contact?	# Passed out of 7	Contact?	# Passed out of 7	Contact?

g POV		STP Respo	onse Test		
POV = 35	25 mpl	n	45 mph		
# Passed out of 7	baseline average	# Passed out of 7	baseline average	# Passed out of 7	

Manufa	acturer:							
			3.3	3.3.1, Forwa	rd Facing on	Booster Blo	ock, Seat-Mo	unted Air Ba
Mako	Model	Test	HIC 15		Nij Com	ponent		Nij
IVIARE			Number		Ntf	Nte	Ncf	Nce

ags 3.3.3.2, Rearward Facing, Seat-Mounted A								
Upper Neck	Upper Neck	Test	HIC 15		Nij Com	ponent		Nij
Tension (N)	Compressi on (N)	Number		Ntf	Nte	Ncf	Nce	INIJ

		Hybrid	-III 3YO					
ir Bags					3.3.3	3.3, Lying on	Seat with H	lead on Arm
Upper Neck	Upper Neck	Thorax	Thorax Deflection	Test	HIC 15		Nij Com	ponent
Tension (N)	Compressi on (N)	(mm)	Rate (m/s)	Number		Ntf	Nte	Ncf

Seat-Mounted Air Bags, First Row

rest, Seat-Mounted Air Bags						3.3.3	.4, Lying on	Seat, Seat-N
	Nij	Upper Neck	Upper Neck	Test	HIC 15	Nij Componen		
Nce	INIJ	Tension (N)	Compressi on (N)	Number		Ntf	Nte	Ncf

							F	lybrid-III 6Y
1ounted Air Bags					3.3	3.3.5, Forwa	rd Facing on	Booster Blo
	Nij	Upper Neck	Upper Neck	Test	HIC 15		Nij Com	ponent
Nce	141	Tension (N)	Compressi on (N)	Number		Ntf	Nte	Ncf

2)							
ck, Seat-Mo	unted Air Ba	ags					3.3.3.	6, Inboard F
	Nij	Upper Neck	Upper Neck	Test	HIC 15		Nij Com	ponent
Nce	INIJ	Tension (N)	Compressi on (N)	Number		Ntf	Nte	Ncf

SID-IIs									
acing, Seat-Mounted Air Bags 3.3.3.7 With Instrument Seat-Mounted Air B									
Nce	Nij	Upper Neck Tension (N)	Upper Neck Compressi on (N)	Thorax Deflection (mm)	Thorax Deflection Rate (m/s)	Test Number	Humerus Bending Moment (Nm)	Ulna Bending Moment (Nm)	

	3.3	8.3.1, Forwa	rd Facing on	Booster Blo	ock, Seat-Mo	unted Air Ba	ags	
Test	HIC 15		Nij Com	ponent		Nii	Upper Neck	Upper Neck
Number		Nij Te						Compressi on (N)

			3.3.3.2	2, Rearward	Facing, Seat	-Mounted A	ir Bags				
Test	HIC 15		Nij Com	ponent	Nij	Upper Neck	Upper Neck				
Number		Ntf	Ntf Nte Ncf Nce				Tension (N)	Compressi on (N)			

Hybrid-III 3YO										
			3.3.3	3.3, Lying on	Seat with H	lead on Arm	rest, Seat-M	lounted Air I		
Thorax	Thorax Deflection	Test	HIC 15		Nij Com	ponent		Nij		
	Rate (m/s)	Number		Ntf	Nte	Ncf	Nce			

Seat-Mounted Air Bags, Second Row (If Applicable)

Bags	Bags 3.3.3.4, Lying on Seat, Seat-Mounted Air Bags								
Upper Neck	Upper Neck	Test	HIC 15	Nij Component				Nij	
Tension (N)	Compressi on (N)	Number		Ntf	INIJ				

		Hybrid-III 6YO							
			3.3.3.5, Forward Facing on Booster Block, Seat-Mounted Air I						
Upper Neck	Upper Neck	Test	HIC 15		Nij Com	ponent		Nij	
Tension (N)	Compressi on (N)	Number		Ntf	Nte	Ncf	Nce	INIJ	

ags	gs 3.3.3.6, Inboard Facing, Seat-Mounted Air									
Upper Neck	Upper Neck	Test	HIC 15		Nij Component					
Tension (N)	Compressi on (N)	Number		Ntf	Nte	Ncf	Nce	Nij		

-lls				_				
r Bags					th Instrume Mounted Air			
Upper Neck Tension (N)	Upper Neck Compressi on (N)	Thorax Deflection (mm)	Thorax Deflection Rate (m/s)	Test Number	Humerus Bending Moment (Nm)	Ulna Bending Moment (Nm)	Test Number	HIC 15

	3.3.4.1, Outboard Facing, Door-Mounted Air Bags									
	Nij Component				Upper Neck	Upper Neck	Thorax	Thorax Deflection		
Ntf	Ntf Nte Ncf Nce				Tension (N)	Compressi on (N)	(mm)	Rate (m/s)		

Hybrid-III									
		3.3.4.	2, Inboard F	acing, Door-	Mounted Ai	r Bags			
Test	HIC 15		Nij Com	ponent		Nii	Upper Neck	Upper Neck	
Number HIC 15		Ntf	Nte	Ncf	Nce	Nij Tension (N)		Compressi on (N)	

	3.3.4	.3, Lying on	Seat With H	ead on Arm	rest, Door-N	ounted Air	Bags	
Test	HIC 15		Nij Com	ponent		Nij	Upper Neck	Upper Neck
Number		Ntf	Nte	Ncf	Nce	INIJ	Tension (N)	Compressi on (N)

Door-	Door-Mounted Air Bags										
		2.2.4	4 Luing on	Seat Dear N	Acumtod Air	Page					
	i	3.3.4	.4, Lying on	Seat, Door-N	Mounted Air	Bags	i				
Test	HIC 15		Nij Com	ponent		Nij	Upper Neck	Upper Neck			
Number		Ntf	Nte	Ncf	Nce		Tension (N)	Compressi on (N)			

	Hybrid-III 6YO									
3.3.4.2, Inboard Facing, Door-Mounted Air Bags (some designs)										
Test	HIC 15		Nij Com	ponent		Nij	Upper Neck	Upper Neck		
Number		Ntf	Nte	Ncf	Nce	INIJ	Tension (N)	Compressi on (N)		

						SID)-IIs	
			3.3.4.	5, Forward F	acing, Door-	Mounted A	r Bags	
Test	HIC 15		Nij Com	ponent		Nij	Upper Neck	Upper Neck
Number		Ntf	Nte	Ncf	Nce	i nij	Tension (N)	Compressi on (N)

								Н
			th Instrume Mounted Ai			3.3.5	.1, Inboard	Facing on Bo
Thorax Deflection	Thorax Deflection	Test	Humerus Bending	Ulna Bending	Test	HIC 15		Nij Com
(mm)	Rate (m/s)	Number	Moment (Nm)	Moment (Nm)	Number		Ntf	Nte

	0						R	oof-Rail Mo
lybrid-III 6Y	0							
oster Block	, Roof-Rail N	ounted Air	Bags				3.3.5.2,	Forward Fac
ponent		Nij	Upper Neck	Upper Neck	Test	HIC 15		Nij Com
Ncf	Nce		Tension (N)	Compressi on (N)	Number		Ntf	Nte

unted Air Ba	ags, First Rov	w						
				SID	-lls			
ing, Roof-Ra	ail Mounted	Air Bags				3.3.	5.3, Inboard	l Facing on R
ponent		Nij	Upper Neck	Upper Neck	Test	HIC 15		Nij Com
Ncf	Nce		Tension (N)	Compressi on (N)	Number		Ntf	Nte

								———
aised Seat,	Roof-Rail M	ounted Air E	Bags			3.3.5	.1, Inboard	Facing on Bc
ponent		Nij	Upper Neck	Upper Neck	Test	HIC 15		Nij Com
Ncf	Nce	INIJ	Tension (N)	Compressi on (N)	Number		Ntf	Nte

							Ro	of-Rail Mou
lybrid-III 6Y	0					3.3.5.2, Fo		
oster Block	, Roof-Rail N	ounted Air	Bags				3.3.5.2,	Forward Fac
ponent		NIII	Upper Neck	Upper Neck	Test			Nij Com
Ncf	Nce	Nij	Tension (N)	Compressi on (N)	Number		Ntf	Nte

nted Air Bag	gs, Second R	ow						
SID-IIs								
ing, Roof-Ra	ail Mounted	Air Bags				3.3.	5.3, Inboard	l Facing on R
ponent		Nij	Upper Neck	Upper Neck	Test	HIC 15		Nij Com
Ncf	Nce		Tension (N)	Compressi on (N)	Number		Ntf	Nte

								F
aised Seat, Roof-Rail Mounted Air Bags					3.3.5	.1, Inboard	Facing on Bc	
ponent Upper Upper Nij Neck Neck				Test	HIC 15		Nij Com	
Ncf	Nce	INIJ	Tension (N)	Compressi on (N)	Number		Ntf	Nte

							R	oof-Rail Mo
lybrid-III 6Y	0							
oster Block	, Roof-Rail N	ounted Air	Bags				3.3.5.2,	Forward Fac
ponent		Nij	Upper Neck	Upper Neck	Test	HIC 15		Nij Com
Ncf	Nce		Tension (N)	Compressi on (N)	Number		Ntf	Nte

unted Air Ba	ags, Third Ro	w						
				SID	-lls			
ing, Roof-Ra	ail Mounted	Air Bags				3.3.	5.3, Inboard	l Facing on R
ponent		Nij	Upper Neck	Upper Neck	Test	HIC 15		Nij Com
Ncf	Nce		Tension (N)	Compressi on (N)	Number		Ntf	Nte

aised Seat, Roof-Rail Mounted Air Bags						
ponent Upper Upper Upper Neck Neck						
Ncf	Nce	Nij	Tension (N)	Compressi on (N)		

Audi Acura 2 DR 2 DR: Two Door Car 1 Bentley Alfa 3 C 3 C: Three Door Coupe 2 BMW Audi 3 HB 3 HB: Two Door Hatchback 3 Daimler AG Bentley 4 DR 4 DR: Four Door Car 4 Fiat Chrysler BMW 5 HB 5 HB: Four Door Hatchback 6 Ford Buick C C: Convertible 7 GM Cadillac MV MV: Minivan 8 Honda Chevrolet PU/CC PU/CC: Crew Cab Pickup 12 Jaguar Dodge PU/RC PU/RC: Regular Cab Pickup 15 Kia Fiat SUV SUV: Sport Utility Vehicle See Comment Land Rover Ford SW SW: Station Wagon See Comment Mitsubishi Genesis Nissan GMC Porsche Porsche Honda Honda Hourda Hourda Volvo Kia Land Rover Lexus Lincoln Mazeta Mercedes-Benz Mercedes-Benz Mercedes-Benz Mercedes-Benz Mercedes-Benz Horskawagen Hourda Volkswagen Volkswagen Kolkswagen Kolkswagen <t< th=""><th>Manufacturer</th><th>Make</th><th>BodyType</th><th>BodyTypeDescription</th><th>SeatingCapacity</th></t<>	Manufacturer	Make	BodyType	BodyTypeDescription	SeatingCapacity
BMWAudi3 HB3 HB: Two Door Hatchback3 (a)Daimler AGBentley4 DR4 DR: Four Door Car4Fiat ChryslerBMW5 HB: Four Door Hatchback6FordBuickC: Convertible7GMCadillacMVMV: Minivan8HondaChevroletPU/CCPU/CC: Crew Cab Pickup9HyundaiChryslerPU/CCPU/CC: Crew Cab Pickup15JaguarDodgePU/RC: Regular Cab Pickup1515KiaFiatSUVSUV: Sport Utility VehicleSee CommentLand RoverFordSWSW: Station WagonSee CommentMitsubishiGenesisSW: Station WagonSee CommentNissanGMCSW: Station WagonSee CommentVolvoHondaSubaruHyundaiSee CommentSubaruHyundaiSee CommentSee CommentVolvoKiaSee CommentSee CommentKisuGenesisSW: Station WagonSee CommentVolvoKiaSee CommentSee CommentVolvoKiaSee CommentSee CommentKisuGenesisSwitten WagonSee CommentVolvoKiaSee CommentSee CommentKiaSee CommentSee CommentSee CommentSubaruHondaSee CommentSee CommentSubaruHondaSee CommentSee CommentSubaruHiniSee CommentSee CommentSe	Audi	Acura	2 DR	2 DR: Two Door Car	1
Daimler AGBentley4 DR.4 DR: Four Door Car4Fiat ChryslerBMW5 HB5 HB: Four Door Hatchback6FordBuickCC: Convertible7GMGalillacMVMV: Minivan8HondaChevroletPU/CCCrew Cab Pickup9HyundaiChryslerPU/CCPU/CC: Crew Cab Pickup9JaguarDodgePU/CCPU/CC: Segular Cab Pickup12JaguarDodgeSWSutstaion WagonSee CommentLand RoverFordSWSW: Station WagonSee CommentMazdaFreightlinerVANVAN: VanVAN: VanMissanhGGNCSWSutation WagonSee CommentSubaruHyundaiSea CommentSea CommentSea CommentSubaruHyundaiSuparSea CommentSea CommentVolkowagenJaguarSea CommentSea CommentSubaruHyundaiSea CommentSea CommentSubaruInfnitiSea CommentSea CommentSubaruInguarSea CommentSea CommentSubaruInguarSea CommentSea CommentSubaruHyundaiSea CommentSea CommentSubaruInguarSea CommentSea CommentSubaruKagaSea CommentSea CommentSubaruKagaSea CommentSea CommentSubaruKagaSea CommentSea CommentSubaruKagaSea Comm	Bentley	Alfa	3 C	3 C: Three Door Coupe	2
Fiat ChryslerBMW5 HB5 HB: Four Door Hatchback6FordBuickCC: Convertible7GMCadillacMVMY: Minivan8HondaChevroletPU/CCC: Crew Cab Pickup9HyundaiChryslerPU/CCPU/CC: Crew Cab Pickup12JaguarDodgePU/RCPU/RC: Regular Cab Pickup15KiaFiatSUVSUV: Sport Utility VehicleSee CommentLand RoverFreightlinerVANVAN: VanVAN:MitsubishGenesisSisanGMCSubaruNissanGMCSubaruHyundaiSisanSubaruHyundaiSubaruSiguarSisanVolvoKiaLand RoverSisanSisanMazdaMercedes-BenzSisanSisanSisanMiniMisubishiSisanSisanSisanNissanRolls-RoyceSisanSisanSisanNissanRolls-RoyceSisanSisanNissanRolls-RoyceSisanSisanNissanRolls-RoyceSisantSisanNissanRolls-RoyceSisantSisanRolls-RoyceSisantSisanSisanNorceSisantSisanSisantSisbaruSisantSisantSisantNorceSisantSisantSisantNorceSisantSisantSisantNorceSisantSisantSisantSisba	BMW	Audi	3 HB	3 HB: Two Door Hatchback	3
FordBuickCC: Convertible7GMCadillacMVMV: Minivan8HondaChevroletPU/CCWI: Minivan8HondaChevroletPU/CCCrew Cab Pickup9HyundaiChryslerPU/CCPU/CC: Crew Cab Pickup12JaguarDodgePU/CCPU/CC: Regular Cab Pickup15KiaFiatSUVSUV: Sport Utility VehicleSee CommentLand RoverFordSWSW: Station WagonHumanMitsubishiGenesisSWStation WagonSubaruNissanGMCSWSubaruHyundaiSubaruYolkswagenJaguarSubaruHumanSubaruSubaruNikubishiGenesisSubaruSubaruSubaruSubaruVolkswagenJaguarSubaruSubaruSubaruSubaruNissanMaccaSubaruSubaruSubaruSubaruNissanMitsubishiSubaruSubaruSubaruSubaruNissanRolls-RoyceSubaruSub	Daimler AG	Bentley	4 DR	4 DR: Four Door Car	4
GMCadillacMVMV: Minivan8HondaChevroletPU/CCPU/CC: Crew Cab Pickup9HyundaiChryslerPU/RCPU/RC: Regular Cab Pickup12JaguarDodgePU/RCPU/RC: Regular Cab Pickup15KiaFiatSUVSUV: Sport Utility VehicleSee CommentLand RoverFordSWSU: Station WagonSee CommentMitsubishiGenesisSUXSV: Station WagonSee CommentMitsubishiGenesisSUXSV: Station WagonSee CommentNissanGMCSUXSV: Station WagonSee CommentPorscheHondaSUXSuXSee CommentSubaruHyundaiSee See See See See See See See See See	Fiat Chrysler	BMW	5 HB	5 HB: Four Door Hatchback	6
HondaChevroletPU/CCPU/CC: Crew Cab Pickup9HyundaiChryslerPU/EC: Extended Cab Pickup12JaguarDodgePU/RC: Regular Cab Pickup15KiaSudsSVU: Sport Utility VehicleSee CommentLand RoverFreightlinerVANVAN: VanMitsubishiGenesisSVU: Station WagonSVU: Sport Utility VehicleNisanGMCSVUSvort Utility VehicleSee CommentSubaruHondaSVU: Sport Utility VehicleSee CommentSubaruHondaSVU: Station WagonSVU: Sport Utility VehicleYolvaGMCSVU: Sport Utility VehicleSee CommentSubaruHondaSVU: Sport Utility VehicleSee CommentSubaruHondaSVU: Sport Utility VehicleSee CommentYolvaAguarSVU: Sport Utility VehicleSee CommentVolvaHondaSVU: Sport Utility VehicleSee CommentVolvaHondaSVU: Sport Utility VehicleSee CommentVolvaHondaSVU: Sport Utility VehicleSee CommentVolvaHondaSVU: Sport Utility VehicleSee CommentNisaGaunSVU: Sport Utility VehicleSee CommentNotoMiniStation VehicleSee CommentNoroNisaanSee CommentSee CommentNisanNisaanSee CommentSee CommentNisanSubaruSee CommentSee CommentNisanSubaruSei CommentSee Comment </td <td>Ford</td> <td>Buick</td> <td>С</td> <td>C: Convertible</td> <td>7</td>	Ford	Buick	С	C: Convertible	7
HyundaiChryslerPU/ECPU/EC: Extended Cab Pickup12JaguarDodgePU/RCPU/RC: Regular Cab Pickup15KiaFiatSUVSUV: Sport Utility VehicleSee CommentLand RoverFreightlinerVANVAN: VanVan:MitsubishiGenesisSubaruHyundaiSubaruNissanGMCSubaruHyundaiSubaruVolvoKiaSubaruJaguarSubaruVolvoKiaSubaruSubaruSubaruMazdaInfinitiSubaruSubaruMagaraJaguarSubaruSubaruJaguarSubaruJaguarVolvoKiaSubaruMaseratiMazdaMazdaMercedes-BenzMiniSubaruMissisanRolis-RoycesmartSubaruSubaruSubaruJaguarSubaruSubaruJaguarVolvoKiaEasuSubaruBageartiMazdaSubaruMiniMissisanPorscheRamRolis-RoyceSubaruSu	GM	Cadillac	MV	MV: Minivan	8
JaguarDodgePU/RCPU/RC: Regular Cab Pickup15KiaFiatSUVSUV: Sport Utility VehicleSee CommentLand RoverFordSWSW: Station WagonHardenMitsubishiGenesisVANVAN: VanVan:MitsubishiGenesisSutSutarion WagonFreightlinerNissanGMCSUVSubaruHyundaiFreightlinerTeslaInfinitiFreightlinerFreightlinerFreightlinerYolkswagenJaguarFreightlinerFreightlinerFreightlinerYolkswagenJeepFreightlinerFreightlinerFreightlinerYolkswagenJeepFreightlinerFreightlinerFreightlinerYolkswagenJeepFreightlinerFreightlinerFreightlinerYolkswagenJeepFreightlinerFreightlinerFreightlinerYolkswagenJeepFreightlinerFreightlinerFreightlinerYolkswagenJeepFreightlinerFreightlinerFreightlinerYolkswagenKiaFreightlinerFreightlinerFreightlinerYolkswagenFreightlinerFreightlinerFreightlinerFreightlinerYolkswagenFreightlinerFreightlinerFreightlinerFreightlinerYolkswagenFreightlinerFreightlinerFreightlinerFreightlinerYolkswagenFreightlinerFreightlinerFreightlinerFreightlinerYolkswagenFreightlinerFreightlinerFreightl	Honda	Chevrolet	PU/CC	PU/CC: Crew Cab Pickup	9
KiaFiatSUVSUV: Sport Utility VehicleSee CommentLand RoverFordSWSW: Station WagonMazdaMazdaFreightlinerVANVAN: VanMitsubishiGenesisVANVAN: VanNissanGMCVan: VanVan: VanPorscheHondaVan: VanVan: VanYolkswagenJeguarVan: VanVan: VanVolkswagenJeepVan: VanVan: Van: VanVolkswagenJeepVan: Van: Van: Van: Van: Van: Van: Van:	Hyundai	Chrysler	PU/EC	PU/EC: Extended Cab Pickup	12
Land RoverFordSWSW: Sution WagonMazdaFreightlinerVANVAN: VanMitsubishiGenesisVANVAN: VanNissanGMCVANVAN: VanPorscheHondaVANVAN: VanSubaruHyundaiVANVAN: VanYolvaJaguarVANVAN: VanVolvaJaguarVANVAN: VanVolvoKiaVANVAN: VanVolvoKiaVANVAN: VanVolvoKiaVANVAN: VanVolvoKiaVANVAN: VanVolvoKiaVANVAN: VanVolvoKiaVANVAN: VanVolvoKiaVANVAN: VanVolvoKiaVAN: VanVAN: VanVolvoKiaVAN: VanVAN: VanVolvoKiaVAN: VanVAN: VanVolvoKiaVAN: VanVAN: VanVolvoKiaVAN: VanVAN: VanVolvoKiaVAN: VanVAN: VanMaseratiVAN: VanVAN: VanMaseratiVanVAN: VanMisanVAN: VanVAN: VanNissanVAN: VanVAN: VanVolkovaVanVanKisanV	Jaguar	Dodge	PU/RC	PU/RC: Regular Cab Pickup	15
MazdaFreightlinerVANVAN: VanMitsubishiGenesisNissanGMCPorscheHondaSubaruHyundaiTeslaInfinitiToyotaJaguarVolvoKiaVolvoKiaLand RoverLexusLincolnMazdaMascratiMazdaMascratiMiniMiniMisubishiIniNissanIniPorscheRamRolls-RoyceInisanSubaruSubaruKasuInisubishiNissanInisanPorscheSubaruRamInisubishiRamInisanRolls-RoyceInisanPorscheInisanRamInisanRolls-RoyceInisanPorscheInisanRamInisanRolls-RoyceInisanPorscheInisanPorscheInisanRolls-RoyceInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisanPorscheInisan<	Kia	Fiat	SUV	SUV: Sport Utility Vehicle	See Comment
MitsubishiGenesisNissanGMCPorscheHondaSubaruHyundaiTeslaInfinitiToyotaJaguarVolkowagenJeepVolvoKiaLand RoverLexusLincolnMaseratiMazdaMitsubishiMitsubishiNissanPorscheRamRolls-RoyceRamSubaruSubaruSubaruLinschnSubaruMitsubishiNissanPorscheRamSubaruSubaruSubaruSubaruKandSubaru	Land Rover	Ford	SW	SW: Station Wagon	
NissanGMCPorscheHondaSubaruHyundaiTeslaInfinitiToyotaJaguarVolkswagenJeepVolvoKiaLand RoverLexusLincolnMaseratiMazdaMercedes-BenzMiniMisubishiNissanPorscheRamRolls-RoycesmartSubaruSubaruJoytaNissanPorscheRamSubaruSubaruToyotaVolvoNorscheRamRolls-RoyceSubaruToyotaVolvoVolvoNissanPorscheRamRolls-RoyceSubaruToyotaVolva </td <td>Mazda</td> <td>Freightliner</td> <td>VAN</td> <td>VAN: Van</td> <td></td>	Mazda	Freightliner	VAN	VAN: Van	
PorscheHondaSubaruHyundaiTeslaInfinitiToyotaJaguarVolkswagenJeepVolvoKiaLand RoverLexusLincolnMaseratiMazdaMercedes-BenzMiniMissiniNissanPorscheRamRolls-RoycesmartSubaruToyotaVolyoeKalis-RoyceToyotaVolyoeKalis-Royce<	Mitsubishi	Genesis			
SubaruHyundaiTeslaInfinitiToyotaJaguarVolkswagenJeepVolvoKiaLand RoverLincolnMaseratiMazdaMercedes-BenzMiniMisubishiNissanPorscheRamRolls-RoycesmartSubaruSubaruToyotaKolyotaKalyota </td <td>Nissan</td> <td>GMC</td> <td></td> <td></td> <td></td>	Nissan	GMC			
TeslaInfinitiToyotaJaguarVolkswagenJeepVolvoKiaLand RoverLexusLincolnMaseratiMacedes-BenzMercedes-MaybachMiniNissanPorscheRamRolls-RoycesmartSubaruJudayaYolyosKalaKalaKardaKardaMiniMissanPorscheRamKolls-RoyceSmartYolyotaYolyotaYolyotaYolyotaYolyotaYolyotaYolyotaYolyosaYolyota	Porsche	Honda			
ToyotaJaguarVolkswagenJeepVolvoKiaLand RoverLexusLincolnMaseratiMazdaMercedes-BenzMercedes-MaybachMiniNissanPorscheRamRolls-RoycesmartSubaruToyotaVoltswagen	Subaru	Hyundai			
VolkswagenJeepVolvoKiaLand RoverLexusLincolnMaseratiMazdaMercedes-BenzMiniMisubishiNissanPorscheRamRolls-RoycesmartSubaruTeslaToyotaVolkswagen	Tesla	Infiniti			
VolvoKiaLand RoverLexusLincolnMaseratiMazdaMercedes-BenzMercedes-MaybachMiniMisubishiNissanPorscheRamRolls-RoycesmartSubaruTeslaToyotaVolkswagen	Toyota	Jaguar			
Land RoverLexusLincolnMaseratiMazdaMercedes-BenzMercedes-MaybachMiniMitsubishiNissanPorscheRamRolls-RoycesmartSubaruToyotaYolkswagen	Volkswagen	Jeep			
LexusLincolnMaseratiMazdaMercedes-BenzMercedes-MaybachMiniMitsubishiNissanPorscheRamRolls-RoycesmartSubaruTeslaToyotaVolkswagen	Volvo	Kia			
Lincoln Maserati Mazda Mercedes-Benz Mercedes-Maybach Mini Mitsubishi Nissan Porsche Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen		Land Rover			
MaseratiMazdaMercedes-BenzMercedes-MaybachMiniMitsubishiNissanPorscheRamRolls-RoycesmartSubaruTeslaToyotaVolkswagen		Lexus			
Mazda Mercedes-Benz Mercedes-Maybach Mini Mitsubishi Nissan Porsche Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen		Lincoln			
Mercedes-Benz Mercedes-Maybach Mini Mitsubishi Nissan Porsche Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen		Maserati			
Mercedes-Maybach Mini Mitsubishi Nissan Porsche Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen		Mazda			
Mini Mitsubishi Nissan Porsche Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen		Mercedes-Benz			
Mitsubishi Nissan Porsche Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen		Mercedes-Maybach			
Nissan Porsche Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen		Mini			
Porsche Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen		Mitsubishi			
Ram Rolls-Royce smart Subaru Tesla Toyota Volkswagen					
Rolls-Royce smart Subaru Tesla Toyota Volkswagen					
smart Subaru Tesla Toyota Volkswagen		Ram			
Subaru Tesla Toyota Volkswagen		-			
Tesla Toyota Volkswagen					
Toyota Volkswagen					
Volkswagen					
-		•			
Volvo		-			
		Volvo			

S/O	SABDeactSysType	HeadSABType	ChestSABType
Standard	On/Off Switch	Curtain	Torso
Optional	Occupant Classification System	Head/Torso	Torso/Pelvis
None	Occupant Weight System	Head	None
	Advanced Airbag System	Tube	Other (Torso)
	See Comment	None	
		Other (Head)	
	Standard Optional	StandardOn/Off SwitchOptionalOccupant Classification SystemNoneOccupant Weight SystemAdvanced Airbag System	StandardOn/Off SwitchCurtainOptionalOccupant Classification SystemHead/TorsoNoneOccupant Weight SystemHeadAdvanced Airbag SystemTubeSee CommentNone

ChestSABTypePelvis	SAB TYPE Other	HeadSABMount	ChestSABMount	ABCond
Pelvis	Seat Pan Airbag	Door	Door	(a) Seat Belt Use
Torso/Pelvis	Inflatable Seat Belt Airbag	Roof	Seat	(b) Crash Severity
None	Front Center Air Bag	Seat	N/A	(c) Seat Position
Other (Pelvis)	Rear Window Airbag	Sill	See Comment	(d) Occupant Size
	Other Type	N/A		(f) None
		See Comment		(g) See Comment

BodyConstruction	Phase1	TractionControl	SeatBeltReminders	ESC	MirrorPosition
Uni-Body	Option 1	2 Wheels	Visual	Yaw	Inside
Frame-Based	Option 2	4 Wheels	Audible	Roll	Outside
		None	Both		Both
		N/A			None

Headlamp leveling	RearSensor	CDRTrigger	AntiTheftType
Static	Video	Crash Severity	(a) Passive Immobilizer, Passive Alarm
Dynamic	Audio	Airbag Deployment	(b) Passive Immobilizer, Active Alarm
None	Non-visual	RCM	(c) Passive Immobilizer Only
	none	N/A	(d) Active Immobilizer, Passive Alarm
			(f) Active Immobilizer Only
			(g) Passive Alarm Only
			(h) Active Alarm Only
			(i) None
			(j) See Comment

YesNoOnly	MultistageAirbag	AddedSeatBeltRemind	Vehicle Type	Driving Mode
Yes	(a) Seat Belt Use	Light only	PC	Stationary
No	(b) Crash Severity	Light plus audible	MPV	Forward
	(c) Seat Position		Truck	Reverse
	(d) Occupant Size			All
	(f) None			Forward & Reverse
	(g) See Comment			

Standard	Yes	ElectricVehicle	BatteryType	DriveWheelTypes	CA Test Trial Results
Optional (%)	No	PHEV	Li-Ion	FWD	0 of 7
None	None	MHEV	NIMH	RWD	1 of 7
		HEV	Other	2WD	2 of 7
		BEV		4WD	3 of 7
				AWD	5 of 7
					6 of 7
					7 of 7

SeatBeltPretensioners	PAEB	Turn Signal	Anti-Theft	Distraction	Headlighting
Buckle	Forward	Red	Passive	Phase 1	Halogen
Anchor	Rearward	Amber	Active	Phase 2	HID
Retractor	Both		None	Phases 1 & 2	LED
	N/A			None	Other
				Non-NHTSA guidelines	

ARS Q 38.2	ARS Q 38.1	InterventionMethod
1 = Yes, meets ECE R21	1 = Standard	Steering Torque
1 = Yes, meets FMVSS	1 = Optional	Brake Jerk
1 = Yes, meets both	1 = None	Other
1 = No	3 = Standard	
3 = Yes, meets ECE R21	3 = Optional	
3 = Yes, meets FMVSS	3 = None	
3 = Yes, meets both	4 = Standard	
3 = No	4 = Optional	
4 = Yes, meets ECE R21	4 = None	
4 = Yes, meets FMVSS	6 = Standard	
4 = Yes, meets both	6 = Optional	
4 = No	6 = None	
6 = Yes, meets ECE R21	R1 = Standard	
6 = Yes, meets FMVSS	R1 = Optional	
6 = Yes, meets both	R1 = None	
6 = No	R2 = Standard	
R1 = Yes, meets ECE R21	R2 = Optional	
R1 = Yes, meets FMVSS	R2 = None	
R1 = Yes, meets both	R3 = Standard	
R1 = No	R3 = Optional	
R2 = Yes, meets ECE R21	R3 = None	
R2 = Yes, meets FMVSS		
R2 = Yes, meets both		
R2 = No		
R3 = Yes, meets ECE R21		
R3 = Yes, meets FMVSS		
R3 = Yes, meets both		
R3 = No		