

**A. Vehicle Information**

<u>Q1, 2 - Basic Vehicle Identifying Information</u>				<u>Q3 - Electric Vehicle Information (if electric vehicle)</u>			<u>Q4,5 - Type &amp; Uni- body or Frame</u>		<u>Q6 - Performance of Corporate Twins in NCA</u>			
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>	<u>Q7 - Seating Position Information</u>			<u>Q 8 - Drive Type/Wheelbase</u>		<u>Q9, 10 - Gross Vehicle Weight Rating (GVWR)</u>		<u>Q 11 - Body Styles with Different NCAP Safety Ratings</u>				<u>Q 12, 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?	Minimum Gross Vehicle Weight Rating (lbs)	Maximum Gross Vehicle Weight Rating (lbs)	Frontal NCAP - body styles that do not share safety ratings	Side MDB NCAP - body styles that do not share safety ratings	Side Pole NCAP - body styles that do not share safety ratings	Rollover NCAP - body styles that do not share safety ratings	Availability date at dealers
Insert text	Insert number	Insert seating position numbers	Insert text	Insert comma separated text: - FWD - RWD - 2WD - 4WD - AWD	Insert text	Insert number	Insert number	Insert text	Insert text	Insert text	Insert text	Insert date

**B. Crashworthiness Information**

<u>13 - ity/Sales</u>	<u>Q14 - NCAP Results That Carry Over</u>								<u>Q15 - Adjustable Upper Shoulder Belt Anchorages</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

<u>Q16 - Seat Belt Pretensioners</u>					<u>Q17 - Seat Belt Load Limiter/ Energy Management System (EMS)</u>					<u>Q18 - Se</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 both
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	Insert seating position numbers	Insert text	Insert number	Insert text	Insert seating position numbers	Drop down menu - Yes - No - N/A	Drop down menu - Visual - Audible - Both

<u>Seat Belt Reminders (Driver, Front Passenger, Rear)</u>							<u>Q 19 - LATCH</u>						
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/minutes 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 - None - Other (Head)	Insert number (percent)	Insert seating position numbers	Drop down menu - Door - Roof - Seat - Sill - N/A - See Comment	Insert text

**Q20 - Side Air Bags (Head, Torso, Pelvis)**

**Q21- Curtai  
Perform**

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	Pelvis air bag comments	If vehicle has curtain air bags, are they deployable in a rollover?
Drop down menu - Standard - Optional - None	Drop down menu - Torso - Torso/Pelvis - None - Other (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

<u>in Air Bag nance</u>	<u>Q22 - SAB OOP</u>	<u>Q 23 - Inflatable Knee Bolsters</u>			<u>Q24 - Other Air bags</u>						<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?	Side air bags meet OOP TWG criteria? Provide test data in the OOP TWG tab.	Inflatable knee bolsters	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 technologies

<i>I Restraints</i>	<i>Q26 - Automatic Crash Notification (ACN) or Advanced Automatic Crash Notification (AACN)</i>							<i>Q 27 - Event Data Recorder (EDR)</i>				
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?	ACN/AACN comments	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



**Q 28 - Combined Lateral and Longitudinal Control**

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

**A. Vehicle Information**

**D. Crash Avoidance systems**

<u>Q1, 2 - Basic Vehicle Identifying Information</u>				<u>Q12, 13 - Availability/Sales</u>			
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

**Q29 - Forward Collision Warning (FCW)**

Q 29.3	Q 29.4	Q 29.5	Q 29.6(a)	Q 29.6(b)	Q 29.7
<p>Package name(s) or trim line(s) (if applicable)</p>	<p>If FCW is optional, indicate estimated penetration rate for each system</p>	<p>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</p>	<p>If FCW system(s) carryover, indicate earliest model year that carries over for each system</p>	<p>If FCW system(s) carryover, indicate if vehicle was tested by NCAP and specify which model year and system</p>	<p>If FCW system(s) do not carryover, state the reason for the difference</p>
<p>Insert text</p>	<p>Insert number (percent)</p>	<p>Insert text                      - Yes                      - No                      - N/A</p>	<p>Insert model year</p>	<p>Insert text</p>	<p>Insert text</p>

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

**Q30 - Lane Departure Warning (LDW)**

Q 30.5	Q 30.6(a)	Q 30.6(b)	Q 30.7	Q 30.8	Q 30.9
<p>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</p>	<p>If LDW system(s) carryover, indicate earliest model year that carries over for each system</p>	<p>If LDW system(s) carryover, indicate if vehicle was tested by NCAP and specify which model year and system</p>	<p>If LDW system(s) do not carryover, state the reason for the difference</p>	<p>LDW NCAP Technology clones</p>	<p>Any additional comments for the LDW system</p>
<p>Insert text - Yes - No - N/A</p>	<p>Insert model year</p>	<p>Insert text</p>	<p>Insert text</p>	<p>Insert text</p>	<p>Insert text</p>

**Q31 - Cras**

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

**h Imminent Braking (CIB)**

Q 31.7	Q 31.8(a)	Q 31.8(b)	Q 31.9	Q 31.10
<p>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</p>	<p>If CIB system(s) carryover, indicate earliest model year that carries over for each system</p>	<p>If CIB system(s) carryover, indicate if vehicle was tested by NCAP, and specify which model year and system</p>	<p>If CIB sytem(s) do not carryover, state the reason for the difference</p>	<p>CIB NCAP Technology clones</p>
<p>Insert text - Yes - No - N/A</p>	<p>Insert model year</p>	<p>Insert text</p>	<p>Insert text</p>	<p>Insert text</p>

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	<ul style="list-style-type: none"> <li>- Standard</li> <li>- Optional</li> <li>- None</li> </ul>	Insert text	Insert number (percent)	Insert number (mph)	Insert number (mph)



**Dynamic Brake Support (DBS)**

Q 32.7	Q 32.8(a)	Q 32.8(b)	Q 32.9	Q 32.10
<p>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</p>	<p>If DBS system(s) carryover, indicate earliest model year that carries over for each system</p>	<p>If DBS system(s) carryover, indicate if vehicle was tested by NCAP and specify which model year and system</p>	<p>If DBS system(s) do not carryover, state the reason for the difference</p>	<p>DBS NCAP Technology clones</p>
<p>Insert text - Yes - No - N/A</p>	<p>Insert model year</p>	<p>Insert text</p>	<p>Insert text</p>	<p>Insert text</p>

**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	<ul style="list-style-type: none"> <li>- Standard</li> <li>- Optional</li> <li>- None</li> </ul>	Insert text	Insert number (percent)	Drop down menu <ul style="list-style-type: none"> <li>- Forward</li> <li>- Rearward</li> <li>- Both</li> <li>- N/A</li> </ul>	Insert number (mph)

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

**Q35 - Blind Spot Detection (BSD)**

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?	Does the system respond to road edges if there are no lane markings?	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)	If BSD is optional, indicate estimated penetration rate for each system
Insert number (mph)	Drop down menu - Yes - No	Insert text	Insert text	- Standard - Optional - None	Insert text	Insert number (percent)

**Q36 - Blind Spot Inter**

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

**vention (BSI)**

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

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**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)

**Q38 - Lighting and Vi**

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



**E. Other Features**

**visibility**

**Q39 - Keyless Ignition**

Q 38.5	Q 38.6	Q 38.7	Q 38.8	Q 39.1	Q 39.2	Q 39.3
<p>If beam switching system is optional, indicate estimated penetration rate</p>	<p>Automatic headlamp leveling system?</p>	<p>Indicate estimated penetration rate of leveling system</p>	<p>Lighting or visibility comments</p>	<p>Keyless ignition?</p>	<p>If Keyless ignition is optional, indicate estimated penetration rate</p>	<p>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?</p>
<p>Number (percent)</p>	<p>Insert text comma separated: - Static - Dynamic - None</p>	<p>Number (percent)</p>	<p>Insert text</p>	<p>Drop down menu - Standard - Optional - None</p>	<p>Number (percent)</p>	<p>Number (time in minutes)</p>

	<u>Q40 - Power Windows/Sunroofs Automatic Reversal</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)

<b>Manufacturer:</b>		* TTC = lowest TTC value of all valid, passing trial runs			
		<b>Forward Collision Warning System</b>			
<b>Make</b>	<b>Model</b>	<b>In-House Test Report Number or NCAP Test Number</b>	<b>Complies with Test Procedure?</b>	<b>Stopped POV</b>	
				<b>SV = 25 mph   POV = 0 mph</b>	
				<b>TTC*</b>	<b># Passed out of 7</b>

\* Distance = distance closest to failir

1, NCAP TP				In-House Test Report Number or NCAP Test Number
Decel POV		Slower POV		
SV = 45 mph   POV = 45 mph		SV = 45 mph   POV = 20 mph		
TTC*	# Passed out of 7	TTC*	# Passed out of 7	



\*  $\Delta V$  = lowest  $\Delta V$  of

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

all valid, passing trial runs

Crash Imminent Braking System,					
Test Target Used (ADAC inflatable target, NHTSA SSV, Global vehicle target (GVT), other)	Complies with Test Procedure?	Stopped POV		Slower-Mo	
		SV = 25 mph   POV = 0 mph		SV = 25 mph   POV = 10 mph	
		$\Delta V^*$	# Passed out of 7	Contact?	# 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
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**Dynamic Brake Support System, NCAP TP**

Stopped POV		Slower-Moving POV				Decelerating
SV = 25 mph   POV = 0 mph		SV = 25 mph   POV = 10 mph	SV = 45 mph   POV = 20 mph		SV = 55 mph   POV = 30 mph	
Contact?	# Passed out of 7	Contact?	# Passed out of 7	Contact?	# Passed out of 7	Contact?

g POV				
STP Response Test				
POV = 33	25 mph		45 mph	
# Passed out of 7	baseline average	# Passed out of 7	baseline average	# Passed out of 7

<b>Manufacturer:</b>								
		<b>3.3.3.1, Forward Facing on Booster Block, Seat-Mounted Air Ba</b>						
Make	Model	Test Number	HIC 15	Nij Component				Nij
				Ntf	Nte	Ncf	Nce	



ags 3.3.3.2, Rearward Facing, Seat-Mounted A

Upper Neck Tension (N)	Upper Neck Compression (N)	Test Number	HIC 15	Nij Component				Nij
				Ntf	Nte	Ncf	Nce	

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ir Bags

3.3.3.3, Lying on Seat with Head on Arm

Upper Neck Tension (N)	Upper Neck Compression (N)	Thorax Deflection (mm)	Thorax Deflection Rate (m/s)	Test Number	HIC 15	Nij Component		
						Ntf	Nte	Ncf



Mounted Air Bags

3.3.3.5, Forward Facing on Booster Blo

Nce	Nij	Upper Neck Tension (N)	Upper Neck Compression (N)	Test Number	HIC 15	Nij Component		
						Ntf	Nte	Ncf





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

**3.3.3.1, Forward Facing on Booster Block, Seat-Mounted Air Bags**

Test Number	HIC 15	Nij Component				Nij	Upper Neck Tension (N)	Upper Neck Compression (N)
		Ntf	Nte	Ncf	Nce			

**3.3.3.2, Rearward Facing, Seat-Mounted Air Bags**

Test Number	HIC 15	Nij Component				Nij	Upper Neck Tension (N)	Upper Neck Compression (N)
		Ntf	Nte	Ncf	Nce			

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3.3.3.3, Lying on Seat with Head on Armrest, Seat-Mounted Air I

Thorax Deflection (mm)	Thorax Deflection Rate (m/s)	Test Number	HIC 15	Nij Component				Nij
				Ntf	Nte	Ncf	Nce	





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## 3.3.3.6, Inboard Facing, Seat-Mounted Air

Upper Neck Tension (N)	Upper Neck Compression (N)	Test Number	HIC 15	Nij Component				Nij
				Ntf	Nte	Ncf	Nce	



-IIs								
r Bags				3.3.3.7 With Instrumented Arm, Seat-Mounted Air Bags				
Upper Neck Tension (N)	Upper Neck Compression (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				Nij	Upper Neck Tension (N)	Upper Neck Compression (N)	Thorax Deflection (mm)	Thorax Deflection Rate (m/s)
Ntf	Nte	Ncf	Nce					

## 3.3.4.2, Inboard Facing, Door-Mounted Air Bags

Test Number	HIC 15	Nij Component				Nij	Upper Neck Tension (N)	Upper Neck Compression (N)
		Ntf	Nte	Ncf	Nce			



**3.3.4.3, Lying on Seat With Head on Armrest, Door-Mounted Air Bags**

Test Number	HIC 15	Nij Component				Nij	Upper Neck Tension (N)	Upper Neck Compression (N)
		Ntf	Nte	Ncf	Nce			

**Door-Mounted Air Bags****3.3.4.4, Lying on Seat, Door-Mounted Air Bags**

Test Number	HIC 15	Nij Component				Nij	Upper Neck Tension (N)	Upper Neck Compression (N)
		Ntf	Nte	Ncf	Nce			

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3.3.4.2, Inboard Facing, Door-Mounted Air Bags (some designs)

Test Number	HIC 15	Nij Component				Nij	Upper Neck Tension (N)	Upper Neck Compression (N)
		Ntf	Nte	Ncf	Nce			

SID-IIs

3.3.4.5, Forward Facing, Door-Mounted Air Bags

Test Number	HIC 15	Nij Component				Nij	Upper Neck Tension (N)	Upper Neck Compression (N)
		Ntf	Nte	Ncf	Nce			







**Mounted Air Bags, First Row**

**SID-IIs**

**ing, Roof-Rail Mounted Air Bags**

**3.3.5.3, Inboard Facing on R**

Component		Nij	Upper Neck Tension (N)	Upper Neck Compression (N)	Test Number	HIC 15	Nij Com	
Ncf	Nce						Ntf	Nte



**Roof-Rail Mou****Hybrid-III 6YO****Rooster Block, Roof-Rail Mounted Air Bags****3.3.5.2, Forward Fac**

Component		Nij	Upper Neck Tension (N)	Upper Neck Compression (N)	Test Number	HIC 15	Nij Com	
Ncf	Nce						Ntf	Nte



				H				
Raised Seat, Roof-Rail Mounted Air Bags				3.3.5.1, Inboard Facing on Bc				
Component		Nij	Upper Neck Tension (N)	Upper Neck Compression (N)	Test Number	HIC 15	Nij Com	
Ncf	Nce						Ntf	Nte







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**aised Seat, Roof-Rail Mounted Air Bags**

Component		Nij	Upper Neck Tension (N)	Upper Neck Compression (N)
Ncf	Nce			

Manufacturer	Make	BodyType	BodyTypeDescription	SeatingCapacity
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	9
Hyundai	Chrysler	PU/EC	PU/EC: Extended 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	
Mazda	Freightliner	VAN	VAN: Van	
Mitsubishi	Genesis			
Nissan	GMC			
Porsche	Honda			
Subaru	Hyundai			
Tesla	Infiniti			
Toyota	Jaguar			
Volkswagen	Jeep			
Volvo	Kia			
	Land Rover			
	Lexus			
	Lincoln			
	Maserati			
	Mazda			
	Mercedes-Benz			
	Mercedes-Maybach			
	Mini			
	Mitsubishi			
	Nissan			
	Porsche			
	Ram			
	Rolls-Royce			
	smart			
	Subaru			
	Tesla			
	Toyota			
	Volkswagen			
	Volvo			

Yes/No	S/O	SABDeactSysType	HeadSABType	ChestSABType
Yes	Standard	On/Off Switch	Curtain	Torso
No	Optional	Occupant Classification System	Head/Torso	Torso/Pelvis
N/A	None	Occupant Weight System	Head	None
		Advanced Airbag System	Tube	Other (Torso)
		See Comment	None	
			Other (Head)	

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		

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		