TP208-13

APPENDIX H PROCEDURES FOR USING CHILDREN AND SMALL ADULTS IN SUPPRESSION TESTS

APPENDIX H

PROCEDURES FOR USING CHILDREN AND SMALL ADULTS IN SUPPRESSION TESTS

General Instructions

- 1. The contractor shall provide children and small adults for static suppression tests when directed by the COTR. These children and small adults shall meet the size requirements as specified in the following check sheets.
- 2. The use of children and small adults must conform to NHTSA Order 700-1 and the provisions provided in the contract pursuant to NHTSA Order 700-1.
- 3. The same child or small adult does not need to be used for each static suppression position but there must be a record of which child or small adult is used for each suppression position.
- 4. Since the identity of the child or small adult is not relevant to the test, the child or small adult shall be identified by a unique identification code provided by the contractor. The child or small adult shall be identified by this code on all relevant data sheets and in the test report. The contractor shall keep the records that relate a specific child or small adult to a specific identification code.
- 5. The forms in this Appendix shall be used in lieu of the forms in the main section of the test procedure for any suppression tests requiring use of children or small adults in static suppression tests.

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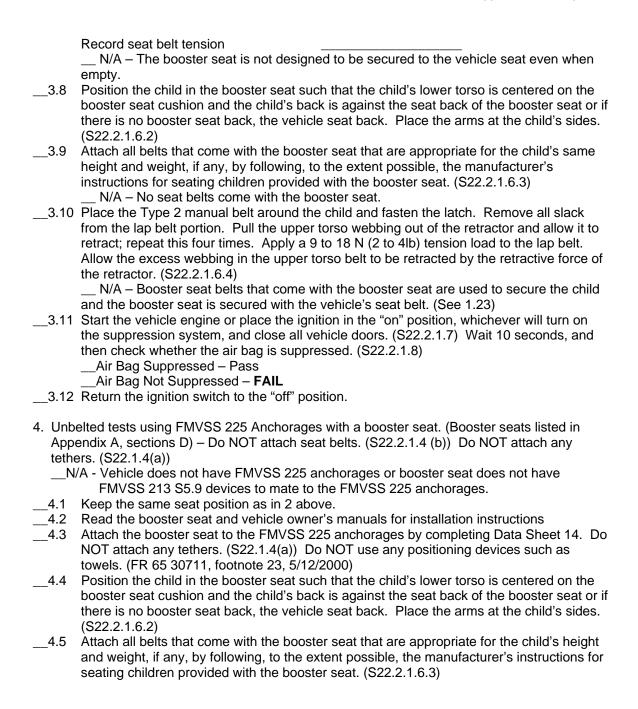
DATA SHEET 19HSuppression Test Using a Representative 3-Year Old Child and Booster Seats (S22)

NHTSA	No Test Date:
Laborat	tory: Test Technician(s):
Booste	Seat Name, Model, and Manufacture Date:
	osition: Full rearward, mid-height Mid position, mid-height Full forward, mid- (Use a separate sheet for each of the three fore-aft positions.)
The	booster seat has NO visible damage. (S22.1.1)
Yes - det	passenger air bag suppression telltale light off when the passenger seat is empty? - Note the instances when a mechanism rather than the telltale is needed to ermine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler its the use of the mechanism to the car bed and the 3-year-old on the edge of the at.
1 Cast	Modelina
1. Sea 1.1	Marking Position the seat's adjustable lumbar supports so that the lumbar supports are in the lowest, retracted or deflated adjustment positions. (S16.2.10.1, S20.1.9.1, S20.4.1, S22.1.7.1) N/A – No lumbar adjustment
1.2	Position any adjustable parts of the seat that provide additional support so that they are in the lowest or most open adjustment position. (S16.2.10.2, S20.1.9.2, S20.4.1, S22.1.7.1, S22.4.2.1, S22.4.3.1, S24.4.2.1, S26.2.3, S26.3.1)
1.3	N/A – No additional support adjustment Position an adjustable leg support system in its rearmost position. (8/27/04 interpretation to Toyota)
1.4	N/A - No adjustable leg support system Mark a point (seat cushion reference point, SCRP) on the side of the seat cushion that is between 150 mm and 250 mm from the front edge of the seat cushion. (S16.3.1.12) Draw a line (seat cushion reference line) through the seat cushion reference point.
1.5	(\$16.3.1.13)
1.6	Use only the controls that primarily move the seat in the fore-aft direction to move the seat cushion reference point to the rearmost position. (\$16.2.10.3.1, \$22.1.7.3)
1.7	If the seat cushion adjusts fore-aft, independent of the seat back, use only the controls that primarily move the seat cushion in the fore-aft direction to move the seat cushion reference point to the rearmost position. (S16.2.10.3.1, S201.9.3) N/A – No independent fore-aft seat cushion adjustment
1.8	Use any part of any control, other than the parts just used for fore-aft positioning, to determine the range of angles of the seat cushion reference line and to set the seat cushion reference line at the mid-angle. (S16.2.10.3.1) Maximum angle Minimum angle
1.9	Mid-angle
1.10	N/A – No seat height adjustment Use only the controls that primarily move the seat in the fore-aft direction to verify the seat is in the rearmost position.

1.11	Use only the controls that primarily move the seat in the fore-art direction to mark the
	fore-aft seat positions. Mark each position so that there is a visual indication when the
	seat is at a particular position. For manual seats, move the seat forward one detent at a
	time and mark each detent. For power seats, mark only the rearmost, middle, and
	foremost positions. Label three of the positions with the following: F for foremost, M for
	mid-position (if there is no mid-position, label the closest adjustment position to the rear
	of the mid-point), and R for rearmost.
1 12	Use only the controls that primarily move the seat in the fore-aft direction to place the
1.12	seat in the rearmost position.
4.40	
1.13	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S22.4.3.1, S24.1.2, S24.3.1,
	S24.4.3.1, S26.2.3, S26.3.1)
	N/A – No seat height adjustment. Go to 1.18
1.14	Use only the controls that primarily move the seat and/or seat cushion in the fore-aft
	direction to place the seat in the mid-fore-aft position.
1 15	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
4.40	determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2, S24.3.1)
1.16	Use only the control that change the seat in the fore-aft direction to place the seat in the
	foremost position. (S16.2.10.3.2)
1.17	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S16.2.10.3.3, S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2,
	S24.3.1)
1.18.	Visually mark the seat back angle at the manufacturer's nominal design riding position
	for a 50th percentile adult male in the manner specified by the manufacturer for the
	rearmost, mid, and foremost seat positions. (S20.1.9.5, S22.1.7.5, S22.4.2.1, S22.4.3.1,
	S24.1.2, S24.4.2.1, S26.2.3, S26.3.1)
	N/A – No seat back angle adjustment
	Manufacturer's design seat back angle
1 10	Is the seat a bucket seat?
1.13.	Yes, go to 1.20 and skip 1.21
4.00	No, go to 1.21 and skip 1.20
1.20	Bucket seats:
	Locate and mark the longitudinal centerline of the seat cushion. The intersection of the
	vertical longitudinal plane that passes through the SgRP (Plane B) and the seat cushion
	upper surface determines the longitudinal centerline of a bucket seat cushion.
	(S16.3.1.10 & S20.1.10)
1.21	Bench seats:
	Locate and mark the longitudinal centerline of the passenger seat cushion. The
	longitudinal centerline is the same distance from the longitudinal centerline of the vehicle
	as the center of the steering wheel. (S20.2.1.4, S22.2.1.3, S24.2.3, S20.4.4,
	S22.2.2.1(b), S22.2.2.3(b), S22.2.2.4(a), S22.2.2.5(a), S22.2.2.6(a), S22.2.2.7(a),
	S24.2.3(a))
	Record the distance from the longitudinal centerline of the vehicle to the center of the
	steering wheel.
	Record the distance from the longitudinal centerline of the vehicle to the longitudinal
	centerline of the seat cushion. (The vertical plane through this longitudinal centerline is
4.00	Plane B for suppression.)
1.22	Head Restraint Position
	N/A Vehicle contains automatic head restraints.
	N/A, there is no head restraint adjustment

1.22	Adjust the head restraint to its lowest position. (S16.2.10.2, S20.1.9.6 S20.4.1, S22.1.7.6, S22.4.2.1, S22.4.3.1, S24.4.3.1, S26.2.3, S26.3.1)
1.22	·
1.22	
2. Chi	ild information
2.1	Child Identification Code:
2.2 2.3	The child is wearing a cotton T-shirt. (S29.2) The child is wearing full-length cotton trousers. (S29.2)
2.4	The child is wearing sneakers. (S29.2)
2.5	Child weight: (13.4 to18 kg) (S29.1(b)
2.6	Child height: (89 to 99 cm) (S29.1(b))
2 Polt	ed tests with a booster seat. (Booster seats listed in Appendix A, section D)
3.1	Place the SCRP in the position specified in the header information. Use the seat
0	markings determined item 1 to set the fore-aft position, mid-height position, the seat
	cushion angle, the seat back angle and head restraint. (S22.1.7.1, S22.1.7.2, S22.1.7.3,
	S22.1.7.4, S22.1.7.5, S22.1.7.6)
	N/A – No seat back angle adjustment
	Tested seat back angle Seat cushion angle
	N/A – No head restraint adjustment
3.2	Place any adjustable seat belt anchorages at the vehicle manufacturer's nominal design
	position for a 50th percentile adult male occupant (S22.2.1.6.1)
	N/A – No adjustable upper seat belt anchorage
	Manufacturer's specified anchorage position. Tested anchorage position
3.3	Locate and mark a vertical Plane A through the longitudinal centerline of the booster
0.0	seat. (S22.2.1.2)
3.4	Read the booster seat owner's manual for installation instructions
3.5	Place the booster seat in the seat such that Plane A (item 3.3 above) is aligned with
0.0	Plane B (determined and marked in item 1.20 or 1.21). (S22.2.1.4(a)(1))
3.6	While maintaining the booster seat with Plane A aligned with Plane B, secure the booster seat by following, to the extent possible, the booster seat manufacturer's directions
	regarding proper installation of the booster seat. Do NOT use any positioning devices
	such as towels. (FR 65 30711, footnote 23, 5/12/2000) If the vehicle has FMVSS 225
	anchorages, do not attach (S22.1.3) the booster seat to these anchorages. (S22.2.1.4(a))
	Do NOT attach any tethers. (S22.1.4)
3.7	For the height and weight of the child, is the booster seat designed to be secured to the
	vehicle seat with the seat belt even when empty? Yes – complete item 3.7
	No – go to item 3.8
	Place a load cell with a maximum full-scale reading of 225 N (50.6 lb) on a flat, straight
	section of the lap belt between the booster seat belt path and the contact point with the
	belt anchor or vehicle seat, on the side away from the buckle (to avoid interference from
	the shoulder portion of the belt). (\$22.2.1.6.1)
	Is there a sheath around the seat belt that interferes with the load cell? Yes No If yes, cut off all or part of the sheath Part
371	If yes, cut off all or part of the sheath All Part Cinch the seat belt to a tension load of 130 N + 3N (29 2 lb + 0.7 lb) (\$22.2.1.6.1)

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4.6 4.7	Start the vehicle engine or place the ignition in the "on" position, the suppression system, and close all vehicle doors. (S22.2.1.7) then check whether the air bag is suppressed. (S22.2.1.8) Air Bag Suppressed – PassAir Bag Not Suppressed – FAIL Return the ignition switch to the "off" position.	
 I certify	that I have read and performed each instruction.	Date

TP208-14

DATA SHEET 20H

Suppression Test Using a Representative 3-Year Old Child and Forward Facing Convertible Child Restraints (S22)

NHTSA	A No Test Date:
Labora	tory: Test Technician(s):
Child R	Restraint Name, Model, and Manufacture Date:
	osition: Full rearward, mid-height Mid position, mid-height Full forward, mid (Use a separate sheet for each of the three fore-aft positions.)
The	forward facing child restraint seat has NO visible damage. (S22.1.1)
Yes det	passenger air bag suppression telltale light off when the passenger seat is empty? – Note the instances when a mechanism rather than the telltale is needed to termine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler lits the use of the mechanism to the car bed and the 3-year-old on the edge of the at.
1. Sea 1.1	t Marking Position the seat's adjustable lumbar supports so that the lumbar supports are in the lowest, retracted or deflated adjustment positions. (S16.2.10.1, S20.1.9.1, S20.4.1, S22.1.7.1)
1.2	N/A – No lumbar adjustment Position any adjustable parts of the seat that provide additional support so that they are in the lowest or most open adjustment position. (S16.2.10.2, S20.1.9.2, S20.4.1, S22.1.7.1, S22.4.2.1, S22.4.3.1, S24.4.2.1, S26.2.3, S26.3.1)
1.3	N/A – No additional support adjustment Position an adjustable leg support system in its rearmost position. (8/27/04 interpretation to Toyota)
1.4	N/A – No adjustable leg support system Mark a point (seat cushion reference point, SCRP) on the side of the seat cushion that is between 150 mm and 250 mm from the front edge of the seat cushion. (S16.3.1.12) Draw a line (seat cushion reference line) through the seat cushion reference point.
1.5 1.6	Draw a line (seat cushion reference line) through the seat cushion reference point. (S16.3.1.13) Use only the controls that primarily move the seat in the fore-aft direction to move the
1.7	seat cushion reference point to the rearmost position. (S16.2.10.3.1, S22.1.7.3) If the seat cushion adjusts fore-aft, independent of the seat back, use only the controls that primarily move the seat cushion in the fore-aft direction to move the seat cushion reference point to the rearmost position. (S16.2.10.3.1, S201.9.3) N/A – No independent fore-aft seat cushion adjustment
1.8	Use any part of any control, other than the parts just used for fore-aft positioning, to determine the range of angles of the seat cushion reference line and to set the seat cushion reference line at the mid-angle. (S16.2.10.3.1) Maximum angle Minimum angle Mid-angle
1.9	If the seat and/or seat cushion height is adjustable, use any part of any control other than the parts which primarily move the seat or seat cushion fore-aft, to put the seat cushion reference point in its lowest position with the seat cushion reference line angle at the mid-angle found in 1.8. (S16.2.10.3.1) N/A - No seat height adjustment

TP208-14

1.10	Use only the controls that primarily move the seat in the fore-aft direction to verify the
	seat is in the rearmost position.
1.11	Use only the controls that primarily move the seat in the fore-aft direction to mark the
	fore-aft seat positions. Mark each position so that there is a visual indication when the
	seat is at a particular position. For manual seats, move the seat forward one detent at a
	time and mark each detent. For power seats, mark only the rearmost, middle, and
	foremost positions. Label three of the positions with the following: F for foremost, M for
	mid-position (if there is no mid-position, label the closest adjustment position to the rear
	of the mid-point), and R for rearmost.
1.12	Use only the controls that primarily move the seat in the fore-aft direction to place the
	seat in the rearmost position.
1.13	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S22.4.3.1, S24.1.2, S24.3.1,
	S24.4.3.1, S26.2.3, S26.3.1)
	N/A – No seat height adjustment. Go to 1.18
1.14	Use only the controls that primarily move the seat and/or seat cushion in the fore-aft
	direction to place the seat in the mid-fore-aft position.
1.15	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2, S24.3.1)
1.16	Use only the control that change the seat in the fore-aft direction to place the seat in the
	foremost position. (S16.2.10.3.2)
1.17	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S16.2.10.3.3, S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2,
	S24.3.1)
1.18.	Visually mark the seat back angle at the manufacturer's nominal design riding position
	for a 50th percentile adult male in the manner specified by the manufacturer for the
	rearmost, mid, and foremost seat positions. (S20.1.9.5, S22.1.7.5, S22.4.2.1, S22.4.3.1,
	S24.1.2, S24.4.2.1, S26.2.3, S26.3.1)
	N/A – No seat back angle adjustment
	Manufacturer's design seat back angle
1.19.	Is the seat a bucket seat?
	Yes, go to 1.20 and skip 1.21
	No, go to 1.21 and skip 1.20
1.20	Bucket seats:
	Locate and mark the longitudinal centerline of the seat cushion. The intersection of the
	vertical longitudinal plane that passes through the SgRP (Plane B) and the seat cushion
	upper surface determines the longitudinal centerline of a bucket seat cushion.
	(S16.3.1.10 & S20.1.10)
1.21	Bench seats:
	Locate and mark the longitudinal centerline of the passenger seat cushion. The
	longitudinal centerline is the same distance from the longitudinal centerline of the vehicle
	as the center of the steering wheel. (\$20.2.1.4, \$22.2.1.3, \$24.2.3, \$20.4.4,
	S22.2.2.1(b), S22.2.2.3(b), S22.2.2.4(a), S22.2.2.5(a), S22.2.2.6(a), S22.2.2.7(a),
	S24.2.3(a))
	Record the distance from the longitudinal centerline of the vehicle to the center of the
	steering wheel
	Record the distance from the longitudinal centerline of the vehicle to the longitudinal
	centerline of the seat cushion. (The vertical plane through this longitudinal centerline is
4.00	Plane B for suppression.)
1.22	Head Restraint Position

	N/A Vehicle contains automatic head restraints.
	N/A, there is no head restraint adjustment
1.22	
	S22.1.7.6, S22.4.2.1, S22.4.3.1, S24.4.3.1, S26.2.3, S26.3.1)
1.22	
	example, if it rotates, rotate it such that the head restraint extends as far forward as
	possible. Mark the foremost position. (S16.2.10.2 & S16.3.4.4 & S20.1.9.6, S20.4.1.
	S22.4.2.1, S22.4.3.1, S24.4.3.1, S26.2.3, S26.3.1)
1.22	.3 Measure the vertical distance from the top most point of the head restraint to the
	bottom most point. Locate and mark a horizontal plane through the midpoint of this
	distance. (S16.3.4.3)
	Vertical height of head restraint mm
	Mid-point height mm
	Wild point hoight him
2 Ch	ild information
2.1	Child Identification Code:
	The child is wearing a cotton T-shirt. (S29.2)
2.3	The child is wearing full-length cotton trousers. (S29.2)
2.4	The child is wearing sneakers. (S29.2)
2.5	Child weight: (13.4 to18 kg) (S29.1(b)
2.6	Child height: (89 to 99 cm) (S29.1(b))
0 D-14	and to attain the form and forcing a hill master into (Ohill master into listed in American in A
	ed tests with a forward facing child restraint. (Child restraints listed in Appendix A,
	ion C)
3.1	Place the SCRP in the position specified in the header information. Use the seat
	markings determined in item 1 to set the fore-aft position, mid-height position, the seat
	cushion angle, the seat back angle and head restraint. (S22.1.7.1, S22.1.7.2, S22.1.7.3,
	S22.1.7.4, S22.1.7.5, S22.1.7.6)
	N/A – No seat back angle adjustment
	Tested seat back angle
	Seat cushion angle
	N/A – No head restraint adjustment
3.2	Place any adjustable seat belt anchorages at the vehicle manufacturer's nominal design
	position for a 50th percentile adult male occupant (S22.2.1.5.1)
	N/A – No adjustable upper seat belt anchorage
	Manufacturer's specified anchorage position.
	Tested anchorage position
3.3	Locate and mark a vertical Plane A through the longitudinal centerline of the child
0.0	restraint. (S22.2.1.2)
3.4	Read the child restraint owner's manual for installation instructions
3.5	Place the child restraint facing forward in the seat such that Plane A (item 3.3 above) is
0.0	aligned with Plane B (item 1.15 above). (S22.2.1.4 (a)(1))
3.6	While maintaining the child restraint position with Plane A aligned with Plane B, secure
3.0	the child restraint by following, to the extent possible, the child restraint manufacturer's
	directions regarding proper installation of the restraint in the forward facing mode. Do
	NOT use any positioning devices such as towels. (FR 65 30711, footnote 23, 5/12/2000)
	If the vehicle has FMVSS 225 anchorages, do not attach (S22.1.3) the child restraint to
	these anchorages. (S22.2.1.4 (a)) Do NOT attach any tethers. (S22.1.4)
3.7	Place a load cell with a maximum full-scale reading of 225 N (50.6 lb) on a flat, straight
	section of the lap belt between the child restraint belt path and the contact point with the
	belt anchor or vehicle seat, on the side away from the buckle (to avoid interference from
	the shoulder portion of the belt). (S22.2.1.5.1)
	Is there a sheath around the seat belt that interferes with the load cell?
	Yes No
	If yes, cut off all or part of the sheath All Part
3.8	Cinch the seat helt to a tension load of 130 N + 3N (29 2 lb + 0.7 lb) (\$22.2.1.5.2)

	Record seat belt tension	
3.9	Position the child in the child restraint such that the	child's lower torso is centered on the
	child restraint and the child's spine is against the se	
	the arms at the child's sides. (\$22.2.1.5.2)	
3.10	Attach all belts that come with the child restraint tha	t are appropriate for the child's height
	and weight, if any, by following, to the extent possib	
	seating children provided with the child restraint. (S	
3 11	Start the vehicle engine or place the ignition in the "	
0	the suppression system, and close all vehicle doors	
	then check whether the air bag is suppressed. (S22	
	Air Bag Suppressed – Pass	
	Air Bag Not Suppressed – FAIL	
3 12	Return the ignition switch to the "off" position.	
0.12	return the ignition switch to the on position.	
4 Linh	elted tests using FMVSS 225 Anchorages with a forw	ward facing convertible child restraint
	Id restraints listed in Appendix A, section C) – Do NC	
	NOT attach any tethers. (S22.1.4)	71 attach seat belts. (322.2.1.4 (b))
	/A - Vehicle does not have FMVSS 225 anchorages	or child restraint does not have
	FMVSS 213 S5.9 devices to mate to the FMVSS	
4.1	Keep the same seat position as in 3.1 above	223 anchorages.
4.2	Read the child restraint and vehicle owner's manua	le for inetallation inetructions
4.2	Attach the child restraint, facing forward, to the FM\	
4.3	Data Sheet 14. Do NOT attach any tethers. (S22.1	
	devices such as towels. (FR 65 30711, footnote 23,	
11	Position the child in the child restraint such that the	
4.4	child restraint and the child's spine is against the se	
	the arms at the child's sides. (\$22.2.1.5.2)	at back of the child restraint. Frace
1 5	Attach all belts that come with the child restraint that	t are appropriate for the shild's height
4.5	and weight, if any, by following, to the extent possib	
	seating children provided with the child restraint. (S	
4.6	Start the vehicle engine or place the ignition in the "	
4.0		
	the suppression system, and close all vehicle doors	
	then check whether the air bag is suppressed. (S22	2.1.0)
	Air Bag Suppressed – Pass	
4 7	Air Bag Not Suppressed – FAIL	
4.7	Return the ignition switch to the "off" position.	
Loortific	that I have road and performed each instruction	 Date
i ceruiy	that I have read and performed each instruction.	Date

DATA SHEET 21H

NHTSA	No Test Date:
Laborat	ory: Test Technician(s):
	sition: Full rearward,mid-height Mid position, mid-height Full forward, mid- (Use a separate sheet for each of the three fore-aft positions.) (S22.1.2)
Do NO	use seat belts for these tests. (S22.2.2)
Yes -	assenger air bag suppression telltale light off when the passenger seat is empty? - Note the instances when a mechanism rather than the telltale is needed to ermine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler its the use of the mechanism to the car bed and the 3-year-old on the edge of the t.
	Marking Position the seat's adjustable lumbar supports so that the lumbar supports are in the lowest, retracted or deflated adjustment positions. (S16.2.10.1, S20.1.9.1, S20.4.1, S22.1.7.1) N/A – No lumbar adjustment
1.2	Position any adjustable parts of the seat that provide additional support so that they are in the lowest or most open adjustment position. (\$16.2.10.2, \$20.1.9.2, \$20.4.1, \$22.1.7.1, \$22.4.2.1, \$22.4.3.1, \$24.4.2.1, \$26.2.3, \$26.3.1) N/A – No additional support adjustment
1.3	Position an adjustable leg support system in its rearmost position. (8/27/04 interpretation to Toyota) N/A – No adjustable leg support system
1.4	Mark a point (seat cushion reference point, SCRP) on the side of the seat cushion that is between 150 mm and 250 mm from the front edge of the seat cushion. (S16.3.1.12)
1.5	Draw a line (seat cushion reference line) through the seat cushion reference point. (S16.3.1.13)
1.6	Use only the controls that primarily move the seat in the fore-aft direction to move the seat cushion reference point to the rearmost position. (S16.2.10.3.1, S22.1.7.3)
1.7	If the seat cushion adjusts fore-aft, independent of the seat back, use only the controls that primarily move the seat cushion in the fore-aft direction to move the seat cushion reference point to the rearmost position. (S16.2.10.3.1, S201.9.3) N/A - No independent fore-aft seat cushion adjustment
1.8	Use any part of any control, other than the parts just used for fore-aft positioning, to determine the range of angles of the seat cushion reference line and to set the seat cushion reference line at the mid-angle. (S16.2.10.3.1) Maximum angle Minimum angle Mid-angle
1.9	If the seat and/or seat cushion height is adjustable, use any part of any control other than the parts which primarily move the seat or seat cushion fore-aft, to put the seat cushion reference point in its lowest position with the seat cushion reference line angle at the mid-angle found in 1.8. (S16.2.10.3.1) N/A — No seat height adjustment
1.10	Use only the controls that primarily move the seat in the fore-aft direction to verify the seat is in the rearmost position.
1.11	Use only the controls that primarily move the seat in the fore-aft direction to mark the fore-aft seat positions. Mark each position so that there is a visual indication when the seat is at a particular position. For manual seats, move the seat forward one detent at a

	time and mark each detent. For power seats, mark only the rearmost, middle, and
	foremost positions. Label three of the positions with the following: F for foremost, M for
	mid-position (if there is no mid-position, label the closest adjustment position to the rear
4.40	of the mid-point), and R for rearmost.
1.12	Use only the controls that primarily move the seat in the fore-aft direction to place the
1 12	seat in the rearmost position. Use any part of any control, other than the parts which primarily move the seat or seat
1.13	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (\$20.1.9.4, \$22.1.2, \$22.1.7.4, \$22.3.1, \$22.4.3.1, \$24.1.2, \$24.3.1,
	S24.4.3.1, S26.2.3, S26.3.1)
	N/A – No seat height adjustment. Go to 1.18
1 14	Use only the controls that primarily move the seat and/or seat cushion in the fore-aft
	direction to place the seat in the mid-fore-aft position.
1.15	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2, S24.3.1)
1.16	Use only the control that change the seat in the fore-aft direction to place the seat in the
	foremost position. (S16.2.10.3.2)
1.17	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S16.2.10.3.3, S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2,
	S24.3.1)
1.18.	Visually mark the seat back angle at the manufacturer's nominal design riding position
	for a 50th percentile adult male in the manner specified by the manufacturer for the
	rearmost, mid, and foremost seat positions. (\$20.1.9.5, \$22.1.7.5, \$22.4.2.1, \$22.4.3.1, \$24.4.2.1, \$24.4.2.1, \$26.2.2, \$26.2.1)
	S24.1.2, S24.4.2.1, S26.2.3, S26.3.1) N/A – No seat back angle adjustment
	Manufacturer's design seat back angle
1 10	Is the seat a bucket seat?
1.10.	Yes, go to 1.20 and skip 1.21
	No, go to 1.21 and skip 1.20
1.20	Bucket seats:
	Locate and mark the longitudinal centerline of the seat cushion. The intersection of the
	vertical longitudinal plane that passes through the SgRP (Plane B) and the seat cushion
	upper surface determines the longitudinal centerline of a bucket seat cushion.
	(\$16.3.1.10 & \$20.1.10)
1.21	Bench seats:
	Locate and mark the longitudinal centerline of the passenger seat cushion. The
	longitudinal centerline is the same distance from the longitudinal centerline of the vehicle
	as the center of the steering wheel. (\$20.2.1.4, \$22.2.1.3, \$24.2.3, \$20.4.4,
	S22.2.2.1(b), S22.2.2.3(b), S22.2.2.4(a), S22.2.2.5(a), S22.2.2.6(a), S22.2.2.7(a),
	S24.2.3(a))
	Record the distance from the longitudinal centerline of the vehicle to the center of the
	steering wheel
	Record the distance from the longitudinal centerline of the vehicle to the longitudinal
	centerline of the seat cushion. (The vertical plane through this longitudinal centerline is Plane B for suppression.)
1 22	Head Restraint Position
1.44	N/A Vehicle contains automatic head restraints.
	N/A, there is no head restraint adjustment
1.22.	· Touris in the second of the
	S22.1.7.6, S22.4.2.1, S22.4.3.1, S24.4.3.1, S26.2.3, S26.3.1)

1.22.	example, if it rotates, rotate it such that the head restraint extends as far forward as possible. Mark the foremost position. (S16.2.10.2 & S16.3.4.4 & S20.1.9.6, S20.4.1, S22.4.2.1, S22.4.3.1, S24.4.3.1, S26.2.3, S26.3.1)
2.1 2.2 2.3 2.4	Id information Child Identification Code: The child is wearing a cotton T-shirt. (S29.2) The child is wearing full-length cotton trousers. (S29.2) The child is wearing sneakers. (S29.2)
2.5 2.6	Child weight: (21 to25.6 kg) (S29.1 (c) Child height: (114 to 124.5 cm) (S29.1 (c))
	ing on seat with back against seat back (S22.2.2.1)
3.1	Place the SCRP in the position specified in the header information. Use the seat
	markings determined in item1 to set the fore-aft position, mid-height position, the seat cushion angle, the seat back angle and head restraint. (S22.1.7.1, S22.1.7.2, S22.1.7.3,
	S22.1.7.4, S22.1.7.5, S22.1.7.6)
	N/A – No seat back angle adjustment
	Tested seat back angle
	Seat cushion angle
3.2	N/A – No head restraint adjustment Position the child in the seated position and place him/her on the right front outboard
3.2	seat. (S22.2.2.1(a))
3.3	Position the child such that its midsagittal plane is coincident within ± 10 mm of Plane
	B(determined and marked during the completion of Data Sheet 14). (S22.2.2.1(b))
3.4	Position the child's torso against the seat back. (S22.2.2.1(b))
3.5	Position the child's thighs against the seat cushion. (S22.2.2.1(b))
3.6	Allow the legs of the child to extend off the surface of the seat. (S22.2.2.1(c)) If the seat must be moved rearward because of child contact with the instrument panel,
	describe the final location of the seat:
	N/A – No child contact with the instrument panel.
	Manual seat adjuster: detent(s) rearward of the forward most position (Move
	the seat the minimum number of detents to eliminate contact with the instrument
	panel.) Power seat adjuster: mm between instrument panel and child restraint (max.
	allowed is 5 mm.)
3.7	Rotate the child's upper arms until they contact the seat back. (S22.2.2.1(d))
3.8	Rotate the child's lower arms until the child's hands contact the seat cushion.
	(S22.2.2.1(e))

3.9	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on
	the suppression system, and close all vehicle doors. (S22.2.2.1(f)) Wait 10 seconds, and
	then check whether the air bag is suppressed. (S22.2.2.1(g))
	Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
	Return the ignition switch to the "off" position.
	ing on seat with back against reclined seat back (S22.2.2.2)
	N/A – No seat back angle adjustment
4.1	Keep the child and the seat in the same position as item 3 above.
4.2	
	exceed 25 degrees. (S22.2.2.2)
	Initial seat back angle
	Final seat back angle
4.3	Verify the child's midsagittal plane is coincident within ± 10 mm of Plane B(determined
	and marked in item 1.20 or 1.21). (S22.2.2.1(b))
4.4	Verify the child's torso is against the seat back. (S22.2.2.1(b))
4.5	Verify the child's thighs are against the seat cushion. (S22.2.2.1(b))
4.6	Allow the legs of the child to extend off the surface of the seat. (S22.2.2.1(c))
	If the seat must be moved rearward because of child contact with the instrument panel,
	describe the final location of the seat:
	N/A – No child contact with the instrument panel.
	Manual seat adjuster: detent(s) rearward of the forward most position (Move
	the seat the minimum number of detents to eliminate contact with the instrument
	panel.)
	Power seat adjuster: mm between instrument panel and child restraint (max.
	allowed is 5 mm.)
4.7	Verify the child's upper arms contact the seat back. (S22.2.2.1(d))
4.8	Verify the child's hands contact the seat cushion. (S22.2.2.1(e))
4.9	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on
	the suppression system, and close all vehicle doors. (S22.2.2.1(f)) Wait 10 seconds, and
	then check whether the air bag is suppressed. (S22.2.2.1(g))
	Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
4.10	Return the ignition switch to the "off" position.
	ng on seat with back not against seat back (S22.2.2.3)
	Keep the child and the seat in the same position as item 4 above.
5.2	Incline the seat back to the manufacturer's nominal design riding position for a 50th
	percentile adult male in the manner specified by the manufacturer. (S22.1.7.5 and
	S8.1.3)
	N/A – No seat back angle adjustment
	Manufacturer's design seat back angle
	Tested seat back angle
5.3	Verify the child's midsagittal plane is coincident within ± 10 mm of Plane B (determined
	and marked in item 1.20 or 1.21). (S22.2.2.3(b))
5.4	Verify the child's torso is against the seat back.
5.5	Verify the child's thighs are against the seat cushion. (S22.2.2.3(c))
5.6	Rotate the child forward until the spine is vertical. (\$22.2.2.3(b))
5.7	Keeping the spine vertical, move the child fore or aft to position the child's back 25 to 150
5.,	mm from the seat back as measured horizontally from the child's midsagittal plane at the
	mid sternum level. (S22.2.2.3(b))
	Distance measured from seat back (25 to 150 mm)
	(20 to 100 mm)

5.8	Allow the legs of the child to extend off the surface of the seat. (S22.2.2.3(d)) If the seat must be moved rearward because of child contact with the instrument panel, describe the final location of the seat:
	N/A – No child contact with the instrument panel.
	Manual seat adjuster: detent(s) rearward of the forward most position (Move
	the seat the minimum number of detents to eliminate contact with the instrument
	panel.)
	Power seat adjuster: mm between instrument panel and child restraint (max.
	allowed is 5 mm.)
	Position the child's upper arms parallel to the spine. (S22.2.2.3(e)) Rotate the child's lower arms until the hands contact the seat cushion. (S22.2.2.3(e)) Start the vehicle engine or place the ignition in the "on" position, whichever will turn on the suppression system, and close all vehicle doors. (S22.2.2.3(f)) Wait 10 seconds, and then check whether the air bag is suppressed. (S22.2.2.3(g))Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
5.12	Return the ignition switch to the "off" position.
	ing on seat edge, spine vertical, hands by the child's side (S22.2.2.4)
6.1	Keep the seat in the end position used for 5 above.
6.2	Position the child in the seated position on the right front outboard seat. (S22.2.2.1(a))
6.3	Position the child such that its midsagittal plane is coincident within ± 10 mm of Plane
0.4	B(determined and marked item 1.20 or 1.21). (S22.2.2.4(a))
6.4	Position the child in the seated position forward in the seat such that the legs are vertical and the back of the legs rest against the front of the seat with the spine vertical. If the
	child's feet contact the floor pan raising part of the thighs off the seat cushion, rotate the
	legs forward until the child's thighs are resting on the seat cushion with the feet
	positioned flat on the floor pan and the child's spine vertical. (\$22.2.2.4(b))
	If the seat must be moved rearward because of child contact with the instrument panel,
	describe the final location of the seat:
	N/A – No child contact with the instrument panel.
	Manual seat adjuster: detent(s) rearward of the forward most position (Move
	the seat the minimum number of detents to eliminate contact with the instrument panel.)
	Power seat adjuster: mm between instrument panel and child restraint (max.
	allowed is 5 mm.)
6.5	Position the child's upper arms parallel to the spine. (S22.2.2.4(c))
6.6	Rotate the child's lower arms until the hands contact the seat cushion. (S22.2.2.4(d))
6.7	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on
	the suppression system, and close all vehicle doors. (S22.2.2.4(e)) Wait 10 seconds,
	and then check whether the air bag is suppressed. (S22.2.2.4(f))
	Air Bag Suppressed – Pass
6.8	Air Bag Not Suppressed – FAIL Return the ignition switch to the "off" position.
	nding on seat, facing forward (S22.2.2.5)
7.1	Keep the seat in the end position used for 5 above.
7.2	Position the child in a standing position on the right front outboard seat cushion facing the
	front of the vehicle with the midsagittal plane coincident within ± 10 mm of Plane B
	(determined and marked in item 1.20 or 1.21) and with the heels of the child's feet in
	contact with the seat back. (S22.2.2.5(a))
7.3	Rest the child against the seat back, with the arms parallel to the spine. (S22.2.2.5(b))
7.4	If the seat back must be reclined because of child contact with the roof, describe the final
	location of the seat: N/A – No child contact with the roof.
	Manual seat back recliner: detent(s) rearward of the forward most position (Move the
	seat the minimum number of detents to eliminate contact with the roof.)
	Power seat adjuster: mm between roof and child head (max. allowed is 5 mm.)
	•

/.5	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on
	the suppression system, and close all vehicle doors. (S22.2.2.5(e)) Wait 10 seconds,
	and then check whether the air bag is suppressed. (S22.2.2.5(f))
	Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
7.6	Return the ignition switch to the "off" position.
8. Kne	eeling on seat facing forward (S22.2.2.6)
8.1	Keep the seat in the end position used for 6 above.
8.2	The seat back angle, if adjustable, is set at the manufacturer's nominal design riding
0	position for a 50th percentile adult male in the manner specified by the manufacturer.
	(S22.1.7.5 and S8.1.3)
	N/A – No seat back angle adjustment
	N/A – No seat back angle adjustment N/A – The seat back angle was not adjusted in 5.5 above.
	Manufacturer's design seat back angle
0.0	Tested seat back angle
8.3	Position the child in a kneeling position on the right front outboard seat cushion facing the
	front of the vehicle with the midsagittal plane coincident within ± 10 mm of Plane B,
	(determined and marked in item 1.20 or 1.21) with the toes at the intersection of the seat
	back and seat cushion and with the spine vertical. (S22.2.2.6 (a) and (b))
8.4	Place the arms parallel to the spine. (S22.2.2.6 (b))
8.5	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on
	the suppression system, and close all vehicle doors. (S22.2.2.6 (d)) Wait 10 seconds,
	and then check whether the air bag is suppressed. (S22.2.2.6 (e))
	Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
8.6	Return the ignition switch to the "off" position.
	eeling on seat facing rearward (S22.2.2.7)
9.1	Keep the seat in the end position used for 8 above.
9.2	Position the child in a kneeling position on the right front outboard seat cushion facing the
	rear of the vehicle with the midsagittal plane coincident within ± 10 mm of Plane B
	(determined and marked in item 1.20 or 1.21), with the head and torso in contact with the
	seat back. (S22.2.2.7(a) and (b))
9.3	Place the legs so that they contact the seat as much as possible. (S22.2.2.7(b))
9.5 9.4	Place the arms parallel to the spine. (S22.2.2.7(b))
9.5	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on
	the suppression system, and close all vehicle doors. (\$22.2.2.7 (c)) Wait 10 seconds,
	and then check whether the air bag is suppressed. (S22.2.2.7(d))
	Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
	Return the ignition switch to the "off" position.
	ng on seat (S22.2.2.8)
10.1	Does the front seat row have 3 or more designated seating positions?
	Yes, continue with this section.
	No, this form is complete.
10.2	Keep the seat in the end position used for 8 above.
10.3	Lay the child on the right front outboard seat with the spine perpendicular to the vehicle's
	longitudinal axis, with the child facing forward and the head towards the right front door.
	(S22.2.2.8(a)(2), & S22.2.2.8(a)(5), and S22.2.2.8(a)(6))
10.4	Position the child so that the midsagittal plane is horizontal and a plane passing through
	the two shoulder joints of the child is vertical. (S22.2.2.8(a)(1) and S22.2.2.8(a)(4))
10.5	Position the child's arms parallel to the spine. (S22.2.2.8(a)(3))
	Position the child so that he/she is as far back in the seat as possible. (S22.2.2.8(a)(8))
	Position the child so that the topmost point of the child's head is 50 to 100 mm from the
10.7	vehicle door. (\$22.2.2.8(a)(7))
10 g	Rotate both thighs as much as possible toward the chest of the child and rotate the legs
10.0	
	as much as possible against the thighs. (S22.2.2.8(b))

10.9 Position the child's upper left arm perpendicular to the lovehicle and rotate the lower left arm about the elbow join until movement is obstructed. (S22.2.2.8(c))10.10 Start the vehicle engine or place the ignition in the	at and toward the child's head
turn on the suppression system, and close all vehicle do seconds, and then check whether the air bag is suppress Air Bag Suppressed – PassAir Bag Not Suppressed – FAIL	` ','
10.11 Return the ignition switch to the "off" position.	
I certify that I have read and performed each instruction.	Date

DATA SHEET 22H

Suppression Test Using a Representative 6-Year-Old Child and Booster Seats (S24.2.1)

NHTSA	No Test Date:
Laborat	tory: Test Technician(s):
Booste	r Seat Name, Model, Manufacture Date:
	osition: Full rearward, mid-height Mid position, mid height Full forward, mid (Use a separate sheet for each of the three fore-aft positions.)
The	booster seat has NO visible damage. (S24.1.1)
Yes - det	passenger air bag suppression telltale light off when the passenger seat is empty? Note the instances when a mechanism rather than the telltale is needed to the ermine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler its the use of the mechanism to the car bed and the 3-year-old on the edge of the at.
1 Soot	t Marking
1.1	Position the seat's adjustable lumbar supports so that the lumbar supports are in the lowest, retracted or deflated adjustment positions. (S16.2.10.1, S20.1.9.1, S20.4.1, S22.1.7.1) N/A – No lumbar adjustment
1.2	Position any adjustable parts of the seat that provide additional support so that they are in the lowest or most open adjustment position. (S16.2.10.2, S20.1.9.2, S20.4.1, S22.1.7.1, S22.4.2.1, S22.4.3.1, S24.4.2.1, S26.2.3, S26.3.1) N/A – No additional support adjustment
1.3	Position an adjustable leg support system in its rearmost position. (8/27/04 interpretation to Toyota) N/A – No adjustable leg support system
1.4 1.5	Mark a point (seat cushion reference point, SCRP) on the side of the seat cushion that is between 150 mm and 250 mm from the front edge of the seat cushion. (S16.3.1.12)
1.5	Draw a line (seat cushion reference line) through the seat cushion reference point. (S16.3.1.13)
1.6	Use only the controls that primarily move the seat in the fore-aft direction to move the seat cushion reference point to the rearmost position. (S16.2.10.3.1, S22.1.7.3)
1.7	If the seat cushion adjusts fore-aft, independent of the seat back, use only the controls that primarily move the seat cushion in the fore-aft direction to move the seat cushion reference point to the rearmost position. (\$16.2.10.3.1, \$201.9.3)
1.8	N/A – No independent fore-aft seat cushion adjustment Use any part of any control, other than the parts just used for fore-aft positioning, to determine the range of angles of the seat cushion reference line and to set the seat cushion reference line at the mid-angle. (S16.2.10.3.1) Maximum angle
	Minimum angle Mid-angle
1.9	If the seat and/or seat cushion height is adjustable, use any part of any control other than the parts which primarily move the seat or seat cushion fore-aft, to put the seat cushion reference point in its lowest position with the seat cushion reference line angle at the mid-angle found in 1.8. (S16.2.10.3.1) N/A – No seat height adjustment
1.10	Use only the controls that primarily move the seat in the fore-aft direction to verify the seat is in the rearmost position.

1.11	Use only the controls that primarily move the seat in the fore-aft direction to mark the fore-aft seat positions. Mark each position so that there is a visual indication when the
	seat is at a particular position. For manual seats, move the seat forward one detent at a time and mark each detent. For power seats, mark only the rearmost, middle, and foremost positions. Label three of the positions with the following: F for foremost, M for
	mid-position (if there is no mid-position, label the closest adjustment position to the rear
1 12	of the mid-point), and R for rearmost. Use only the controls that primarily move the seat in the fore-aft direction to place the
	seat in the rearmost position.
1.13	Use any part of any control, other than the parts which primarily move the seat or seat cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of the seat cushion reference point with the seat cushion reference line at the mid-angle determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S22.4.3.1, S24.1.2, S24.3.1, S24.4.3.1, S26.2.3, S26.3.1)
	N/A - No seat height adjustment. Go to 1.18
	Use only the controls that primarily move the seat and/or seat cushion in the fore-aft direction to place the seat in the mid-fore-aft position.
1.15	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2, S24.3.1)
1.16	Use only the control that change the seat in the fore-aft direction to place the seat in the
	foremost position. (S16.2.10.3.2)
1.17	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S16.2.10.3.3, S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2, S24.3.1)
1.18.	Visually mark the seat back angle at the manufacturer's nominal design riding position
	for a 50th percentile adult male in the manner specified by the manufacturer for the
	rearmost, mid, and foremost seat positions. (S20.1.9.5, S22.1.7.5, S22.4.2.1, S22.4.3.1,
	S24.1.2, S24.4.2.1, S26.2.3, S26.3.1)
	N/A – No seat back angle adjustment
1 10	Manufacturer's design seat back angle Is the seat a bucket seat?
1.13.	Yes, go to 1.20 and skip 1.21
	No, go to 1.21 and skip 1.20
1.20	Bucket seats:
	Locate and mark the longitudinal centerline of the seat cushion. The intersection of the vertical longitudinal plane that passes through the SgRP (Plane B) and the seat cushion upper surface determines the longitudinal centerline of a bucket seat cushion.
	(S16.3.1.10 & S20.1.10)
1.21	Bench seats:
	Locate and mark the longitudinal centerline of the passenger seat cushion. The longitudinal centerline is the same distance from the longitudinal centerline of the vehicle as the center of the steering wheel. (S20.2.1.4, S22.2.1.3, S24.2.3, S20.4.4, S22.2.2.1(b), S22.2.2.3(b), S22.2.2.4(a), S22.2.2.5(a), S22.2.2.6(a), S22.2.2.7(a),
	S24.2.3(a))
	Record the distance from the longitudinal centerline of the vehicle to the center of the
	steering wheel
	Record the distance from the longitudinal centerline of the vehicle to the longitudinal
	centerline of the seat cushion. (The vertical plane through this longitudinal centerline is
1 22	Plane B for suppression.) Head Restraint Position
1.22	N/A Vehicle contains automatic head restraints.
	N/A, there is no head restraint adjustment

1.22	.1 Adjust the head restraint to its lowest position. (S16.2.10.2, S20.1.9.6 S20.4.1, S22.1.7.6, S22.4.2.1, S22.4.3.1, S24.4.3.1, S26.2.3, S26.3.1)
1.22	
	S22.4.2.1, S22.4.3.1, S24.4.3.1, S26.2.3, S26.3.1)
1.22	.3 Measure the vertical distance from the top most point of the head restraint to the
	bottom most point. Locate and mark a horizontal plane through the midpoint of this
	distance. (S16.3.4.3)
	Vertical height of head restraint mm
	Mid-point height mm
2. Ch	ild information
2.1	Child Identification Code:
2.2	The child is wearing a cotton T-shirt. (S29.2)
2.3	The child is wearing full-length cotton trousers. (S29.2)
2.4	The child is wearing sneakers. (S29.2)
2.5	Child weight: (21 to25.6 kg) (S29.1 (c)
2.6	Child height: (114 to 124.5 cm) (S29.1 (c))
	ed tests with a booster seat. (Booster seats listed in Appendix A, section D, S24.1.1))
3.1	Place the SCRP in the position specified in the header information. Use the seat
	markings determined item 1 to set the fore-aft position, mid-height position, the seat cushion angle, the seat back angle and head restraint. (S22.1.7.1, S22.1.7.2, S22.1.7.3,
	S22.1.7.4, S22.1.7.5, S22.1.7.6)
	N/A – No seat back angle adjustment
	Tested seat back angle
	Seat cushion angle
	N/A – No head restraint adjustment
3.2	Place any adjustable seat belt anchorages at the vehicle manufacturer's nominal design
	position for a 50th percentile adult male occupant (S22.2.1.6.1)
	N/A – No adjustable upper seat belt anchorage
	Manufacturer's specified anchorage position.
0.0	Tested anchorage position
3.3	Locate and mark a vertical Plane A through the longitudinal centerline of the booster
3.4	seat. (S22.2.1.2) Read the booster seat owner's manual for installation instructions
3.5	Place the booster seat in the seat such that Plane A (item 3.3 above) is aligned with
5.5	Plane B (determined and marked in item 11.20 or 1.21). (S22.2.1.4(a)(1))
3.6	While maintaining Plane A aligned with Plane B, secure the booster seat by following, to
0.0	the extent possible, the booster seat manufacturer's directions regarding proper
	installation of the booster seat. Do NOT use any positioning devices such as towels. (FR
	65 30711, footnote 23, 5/12/2000) If the vehicle has FMVSS 225 anchorages, do not
	attach (S22.1.3) the booster seat to these anchorages. (S22.2.1.4 (a)) Do NOT attach
	any tethers. (S24.1.4)

3.7	For the height and weight of the child, is the booster seat designed to be secured to the vehicle seat with the seat belt even when empty? Yes – complete item 3.8 and skip 3.9
3.8	No – go to item 3.9 Place a load cell with a maximum full-scale reading of 225 N (50.6 lb) on a flat, straight
_	section of the lap belt between the booster seat belt path and the contact point with the belt anchor or vehicle seat, on the side away from the buckle (to avoid interference from the shoulder portion of the belt). (S22.2.1.6.1)
	Is there a sheath around the seat belt that interferes with the load cell? Yes No
	If necessary, cut off all or part of the sheath All Part
3.8.1	Cinch the seat belt to a tension load of 130 N \pm 3N (29.2 lb \pm 0.7 lb) (S22.2.1.6.1) Record seat belt tension
3.8.2	Position the child in the booster seat such that the child's lower torso is centered on the
	booster seat cushion and the child's back is against the seat back of the booster seat or if there is no booster seat back, the vehicle seat back. Place the arms at the child's sides. (S22.2.1.6.2)
3.8.3	Attach all belts that come with the booster seat that are appropriate for the child's height
	and weight, if any, by following, to the extent possible, the manufacturer's instructions provided with the booster seat for seating children. (S22.2.1.6.3)
3.9	For a child of the same height and weight as the 6-year-old child (45 in (114 cm), 51.6 lb
	(23.4 g), the booster seat is not designed to be secured to the vehicle seat even when
3.9.1	empty. Position the child in the booster seat such that the child's lower torso is centered on the
	booster seat cushion and the child's back is against the seat back of the booster seat or if there is no booster seat back, the vehicle seat back. Place the arms at the child's sides. (S22.2.1.6.2)
3.9.2	Place the Type 2 manual belt around the child and fasten the latch. Remove all slack
	from the lap belt portion. Pull the upper torso webbing out of the retractor and allow it to retract; repeat this four times. Apply a 9 to 18 N (2 to 4lb) tension load to the lap belt. Allow the excess webbing in the upper torso belt to be retracted by the retractive force of
	the retractor. (S22.2.1.6.4)
3.10	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on the suppression system, and close all vehicle doors. (S22.2.1.7) Wait 10 seconds, and then check whether the air bag is suppressed. (S22.2.1.8)
	Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
3.11	Return the ignition switch to the "off" position.
Appe	elted tests using FMVSS 225 Anchorages with a booster seat. (Booster seats listed in endix A, sections D) – Do NOT attach seat belts. (S24.1.3) Do NOT attach any tethers.
	I.1.4) /A - Vehicle does not have FMVSS 225 anchorages or booster seat does not have
	FMVSS 213 S5.9 devices to mate to the FMVSS 225 anchorages.
4.1 4.2	Keep the same seat position as in 3 above Read the booster seat and vehicle owner's manuals for installation instructions
4.2	Attach the booster seat to the FMVSS 225 anchorages by completing Data Sheet 14. Do NOT attach any tethers. (S22.1.4) Do NOT use any positioning devices such as towels.
	(FR 65 30711, footnote 23, 5/12/2000) Manual seat adjuster: detent(s) rearward of the forward most position Power seat adjuster: mm between instrument panel and booster seat (max. allowed is 5 mm.)

4.4	Position the child in the booster seat such that the child's lower to booster seat cushion and the child's back is against the seat back there is no booster seat back the vehicle seat back. Place the ar (\$22.2.1.6.2)	k of the booster seat or if
4.5	Are belts that come with the booster seat designed to by used fo height and weight? (45 in (114 cm), 51.6 lb (23.4 g)? Yes – complete item 3.5.1 and skip 3.6	r a child of the same
4.5.1	No – go to item 2.6 Attach all belts that come with the booster seat that are appropria and weight, if any, by following, to the extent possible, the manuf provided with the booster seat for seating children. (S22.2.1.6.3)	acturer's instructions
4.6	Place the Type 2 manual belt around the child and fasten the late from the lap belt portion. Pull the upper torso webbing out of the retract; repeat this four times. Apply a 9 to 18 N (2 to 4lb) tension Allow the excess webbing in the upper torso belt to be retracted the retractor. (S22.2.1.6.4)	ch. Remove all slack retractor and allow it to n load to the lap belt.
4.7	Start the vehicle engine or place the ignition in the "on" position, the suppression system, and close all vehicle doors. (S22.2.1.7) then check whether the air bag is suppressed. (S22.2.1.8) Air Bag Suppressed – PassAir Bag Not Suppressed – FAIL	
4.8	Return the ignition switch to the "off" position.	
I certify	that I have read and performed each instruction.	Date

DATA SHEET 23HSuppression Tests Using an Unbelted Representative 6-Year-Old Child (S24.2.1)

NHTSA	No Test Date:
Laborat	ory: Test Technician(s):
	sition: Full rearward, mid-height Mid position, mid-height Full forward, mid- (Use a separate sheet for each of the three fore-aft positions.) (S24.1.2)
Do NO	use seat belts for these tests. (S22.2.2)
Yes - det	assenger air bag suppression telltale light off when the passenger seat is empty? - Note the instances when a mechanism rather than the telltale is needed to ermine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler ts the use of the mechanism to the car bed and the 3-year-old on the edge of the t.
1 Seat	Marking
1.1	Position the seat's adjustable lumbar supports so that the lumbar supports are in the lowest, retracted or deflated adjustment positions. (S16.2.10.1, S20.1.9.1, S20.4.1, S22.1.7.1)
1.2	N/A – No lumbar adjustment Position any adjustable parts of the seat that provide additional support so that they are in the lowest or most open adjustment position. (S16.2.10.2, S20.1.9.2, S20.4.1, S22.1.7.1, S22.4.2.1, S22.4.3.1, S24.4.2.1, S26.2.3, S26.3.1)
1.3	N/A – No additional support adjustment Position an adjustable leg support system in its rearmost position. (8/27/04 interpretation to Toyota) N/A – No adjustable leg support system
1.4	Mark a point (seat cushion reference point, SCRP) on the side of the seat cushion that is between 150 mm and 250 mm from the front edge of the seat cushion. (S16.3.1.12)
1.5	Draw a line (seat cushion reference line) through the seat cushion reference point. (S16.3.1.13)
1.6	Use only the controls that primarily move the seat in the fore-aft direction to move the seat cushion reference point to the rearmost position. (S16.2.10.3.1, S22.1.7.3)
1.7	If the seat cushion adjusts fore-aft, independent of the seat back, use only the controls that primarily move the seat cushion in the fore-aft direction to move the seat cushion
1.8	reference point to the rearmost position. (S16.2.10.3.1, S201.9.3) N/A – No independent fore-aft seat cushion adjustment Use any part of any control, other than the parts just used for fore-aft positioning, to determine the range of angles of the seat cushion reference line and to set the seat
	cushion reference line at the mid-angle. (S16.2.10.3.1) Maximum angle Minimum angle Mid-angle
1.9	If the seat and/or seat cushion height is adjustable, use any part of any control other that the parts which primarily move the seat or seat cushion fore-aft, to put the seat cushion reference point in its lowest position with the seat cushion reference line angle at the mid-angle found in 1.8. (S16.2.10.3.1) N/A — No seat height adjustment
1.10	Use only the controls that primarily move the seat in the fore-aft direction to verify the seat is in the rearmost position.

1.11	Use only the controls that primarily move the seat in the fore-aft direction to mark the
	fore-aft seat positions. Mark each position so that there is a visual indication when the
	seat is at a particular position. For manual seats, move the seat forward one detent at a
	time and mark each detent. For power seats, mark only the rearmost, middle, and
	foremost positions. Label three of the positions with the following: F for foremost, M for
	mid-position (if there is no mid-position, label the closest adjustment position to the rear
	of the mid-point), and R for rearmost.
1 12	Use only the controls that primarily move the seat in the fore-aft direction to place the
1.12	seat in the rearmost position.
4 40	
1.13	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S22.4.3.1, S24.1.2, S24.3.1,
	S24.4.3.1, S26.2.3, S26.3.1)
	N/A – No seat height adjustment. Go to 1.18
1.14	Use only the controls that primarily move the seat and/or seat cushion in the fore-aft
	direction to place the seat in the mid-fore-aft position.
1.15	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2, S24.3.1)
1 16	Use only the control that change the seat in the fore-aft direction to place the seat in the
1.10	foremost position. (\$16.2.10.3.2)
1 17	•
1.17	Use any part of any control, other than the parts which primarily move the seat or seat
	cushion fore-aft, to find and visually mark the maximum, minimum, and middle height of
	the seat cushion reference point with the seat cushion reference line at the mid-angle
	determined in 1.8. (S16.2.10.3.3, S20.1.9.4, S22.1.2, S22.1.7.4, S22.3.1, S24.1.2,
	S24.3.1)
1.18.	Visually mark the seat back angle at the manufacturer's nominal design riding position
	for a 50th percentile adult male in the manner specified by the manufacturer for the
	rearmost, mid, and foremost seat positions. (S20.1.9.5, S22.1.7.5, S22.4.2.1, S22.4.3.1,
	S24.1.2, S24.4.2.1, S26.2.3, S26.3.1)
	N/A – No seat back angle adjustment
	Manufacturer's design seat back angle
1.19.	Is the seat a bucket seat?
	Yes, go to 1.20 and skip 1.21
	No, go to 1.21 and skip 1.20
1 20	Bucket seats:
1.20	Locate and mark the longitudinal centerline of the seat cushion. The intersection of the
	vertical longitudinal plane that passes through the SgRP)Plane B) and the seat cushion
	upper surface determines the longitudinal centerline of a bucket seat cushion.
4.04	(S16.3.1.10 & S20.1.10)
1.21	Bench seats:
	Locate and mark the longitudinal centerline of the passenger seat cushion. The
	longitudinal centerline is the same distance from the longitudinal centerline of the vehicle
	as the center of the steering wheel. (S20.2.1.4, S22.2.1.3, S24.2.3, S20.4.4,
	S22.2.2.1(b), S22.2.2.3(b), S22.2.2.4(a), S22.2.2.5(a), S22.2.2.6(a), S22.2.2.7(a),
	S24.2.3(a))
	Record the distance from the longitudinal centerline of the vehicle to the center of the
	steering wheel.
	Record the distance from the longitudinal centerline of the vehicle to the longitudinal
	centerline of the seat cushion. (The vertical plane through this longitudinal centerline is
	Plane B for suppression.)
1 22	Head Restraint Position
	N/A Vehicle contains automatic head restraints.
	N/A, there is no head restraint adjustment

1.22	
4 00	\$22.1.7.6, \$22.4.2.1, \$22.4.3.1, \$24.4.3.1, \$26.2.3, \$26.3.1)
1.22	
	example, if it rotates, rotate it such that the head restraint extends as far forward as
	possible. Mark the foremost position. (S16.2.10.2 & S16.3.4.4 & S20.1.9.6, S20.4.1,
4.00	\$22.4.2.1, \$22.4.3.1, \$24.4.3.1, \$26.2.3, \$26.3.1)
1.22	
	bottom most point. Locate and mark a horizontal plane through the midpoint of this
	distance. (\$16.3.4.3)
	Vertical height of head restraint mm
	Mid-point height mm
	ild information
2.1	
	The child is wearing a cotton T-shirt. (S29.2)
2.3	The child is wearing full-length cotton trousers. (S29.2)
2.4	The child is wearing sneakers. (S29.2)
2.5	Child weight: (21 to25.6 kg) (S29.1 (c)
2.6	Child height: (114 to 124.5 cm) (S29.1 (c))
3.	Sitting on seat with back against seat back (S22.2.2.1)
3.1	Place the SCRP in the position specified in the header information. Use the seat
	markings determined item 1 to set the fore-aft position, mid-height position, the seat
	cushion angle, the seat back angle and head restraint. (S22.1.7.1, S22.1.7.2, S22.1.7.3,
	S22.1.7.4, S22.1.7.5, S22.1.7.6)
	N/A – No seat back angle adjustment
	Tested seat back angle
	Seat cushion angle
	N/A – No head restraint adjustment
3.2	Position the child in the seated position and place it on the right front outboard seat.
0	(S22.2.2.1(a))
3.3	Position the child such that its midsagittal plane is within ± 10 mm of Plane B.
0.0	(\$22.2.2.1(b))
3.4	Position the child's torso against the seat back. (S22.2.2.1(b))
3.5	Position the child's thighs against the seat cushion. (S22.2.2.1(b))
3.6	Allow the legs of the child to extend off the surface of the seat. (S22.2.2.1(c))
5.0	If the seat must be moved rearward because of child contact with the instrument panel,
	describe the final location of the seat:
	N/A – No child contact with the instrument panel.
	Manual seat adjuster: detent(s) rearward of the forward most position (Move
	the seat the minimum number of detents to eliminate contact with the instrument
	panel.)
	Power seat adjuster: mm between instrument panel and child restraint (max.
0.7	allowed is 5 mm.)
3.7	Rotate the child's upper arms until they contact the seat back. (S22.2.2.1(d))
3.8	Rotate the child's lower arms until the child's hands contact the seat cushion.
	(S22.2.2.1(e))
3.9	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on
	the suppression system, and close all vehicle doors. (S22.2.2.1(f)) Wait 10 seconds, and
	then check whether the air bag is suppressed. (S22.2.2.1(g))
	Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
	Return the ignition switch to the "off" position.
4. Sitt	ing on seat with back against reclined seat back (S22.2.2.2)
	N/A – No seat back angle adjustment
4.1	Keep the child and the seat in the same position as item 3 above.

4.2	exceed 25 degrees. (\$22.2.2)
	Initial seat back angle
	Final seat back angle
4.3	Verify the child's midsagittal plane is coincident with Plane B. (S22.2.2.1(b))
4.4	Verify the child's torso is against the seat back. (S22.2.2.1(b))
4.5	Verify the child's thighs are against the seat cushion. (S22.2.2.1(b))
4.5 4.6	Allow the legs of the child to extend off the surface of the seat. (S22.2.2.1(c))
4.0	If the seat must be moved rearward because of child contact with the instrument panel,
	describe the final location of the seat:
	N/A – No child contact with the instrument panel.
	Manual seat adjuster: detent(s) rearward of the forward most position (Move
	the seat the minimum number of detents to eliminate contact with the instrument
	panel.)
	Power seat adjuster: mm between instrument panel and child restraint (max.
	allowed is 5 mm.)
4.7	,
	Verify the child's hands contact the seat cushion. (S22.2.2.1(e))
4.9	Start the vehicle engine or place the ignition in the "on" position, whichever will turn on
	the suppression system, and close all vehicle doors. (S22.2.2.1(f)) Wait 10 seconds, and
	then check whether the air bag is suppressed. (S22.2.2.1(g))
	Air Bag Suppressed – Pass
	Air Bag Not Suppressed – FAIL
4.10	Return the ignition switch to the "off" position.
5. Sitt	ing on seat edge, spine vertical, hands by the child's side (S22.2.2.4)
5.1	Keep the seat in the end position used for 3 above.
5.2	Incline the seat back to the manufacturer's nominal design riding position for a 50th
	percentile adult male in the manner specified by the manufacturer. (S22.1.7.5 and
	\$8.1.3)
	N/A – No seat back angle adjustment
	Manufacturer's design seat back angle
	Tested seat back angle
5.3	Position the child in the seated position and place him/her on the right front outboard
- 4	seat. (S22.2.2.1(a))
5.4	Position the child such that its midsagittal plane is within ± 10 mm of Plane B.
	(S22.2.2.4(a))

5.5	Position the child forward in the seat such that the legs are vertical and the back of the legs rest against the front of the seat with the spine vertical. If the child's feet contact the floor pan raising part of the thighs off the seat cushion, rotate the legs forward until the child's thighs are resting on the seat cushion with the feet positioned flat on the floor pan		
	and the child's spine vertical. (\$22.2.2.4(b))		
	If the seat must be moved rearward because of child contact with the instrument panel, describe the final location of the seat:		
	N/A – No child contact with the instrument panel.		
	Manual seat adjuster: detent(s) rearward of the forward most position (Move		
	the seat the minimum number of detents to eliminate contact with the instrument panel.)		
	Power seat adjuster: mm between instrument panel and child restraint (max.		
	allowed is 5 mm.)		
5.6	Position the child's upper arms parallel to the spine. (S22.2.2.4(c))		
5.7	Rotate the child's lower arms until the hands contact the seat cushion. (S22.2.2.4(d))		
5.8			
	the suppression system, and close all vehicle doors. (S22.2.2.4(e)) Wait 10 seconds,		
	and then check whether the air bag is suppressed. (S22.2.2.4(f))		
	Air Bag Suppressed – Pass		
- 0	Air Bag Not Suppressed – FAIL		
5.9	Return the ignition switch to the "off" position.		
	ing back in the seat and leaning on the right front passenger door (S24.2.3)		
6.1 6.2	6.1 Keep the seat in the end position used for 4 above.6.2 Position the child in the seated position and place him/her on the right front outboard		
0.2	seat. (S24.2.3 (a))		
6.3	Position the child such that its midsagittal plane is within ± 10 mm of Plane B.		
	(S24.2.3(a))		
6.4			
6.5	Allow the legs and feet to extend off the surface of the seat. If this positioning of the		
0.0	child's legs is prevented by contact with the instrument panel, move the seat rearward.		
	(\$24.2.3(c))		
	If the seat must be moved rearward because of child contact with the instrument panel,		
	describe the final location of the seat:		
	N/A – No child contact with the instrument panel.		
	Manual seat adjuster: detent(s) rearward of the forward most position (Move the seat		
	the minimum number of detents to eliminate contact with the instrument panel.)		
	Power seat adjuster: mm between instrument panel and child restraint (max. allowed		
6.6	is 5 mm.) Rotate the child's upper arms toward the seat back until they make contact. (S24.2.3(d))		
6.7	Rotate the child's lower arms down until they contact the seat. (S24.2.3(e))		
6.8	Close the vehicle's passenger-side door and then start the vehicle engine or place the		
0.0	ignition in the "on" position, whichever will turn on the suppression system. (S24.2.3(f))		
6.9	Push against the child's left shoulder to lean the child against the door; close all		
	remaining doors. (S24.2.3(g))		
6.10	Wait 10 seconds, and then check whether the air bag is suppressed. (S24.2.3(h))		
	Air Bag Suppressed – Pass		
	Air Bag Not Suppressed – FAIL		
6.11	Return the ignition switch to the "off" position.		
Loortify	that I have read and performed each instruction. Date		
ı o c ıllıy	mat i navo reau anu periorineu each instruction. Date		

DATA SHEET 31HTest of Reactivation of the Passenger Air Bag System with an Unbelted Representative 5th Percentile Female (S20.3, 22.3, S24.3)

NHTSA	No Test Date:
Labora	tory: Test Technician(s):
	osition: Full rearward Mid position Full forward (Use a separate sheet for each pree fore-aft positions tested.) (S20.3.1, 22.3.1, S24.3.1)
Do NO	T use seat belts for these tests.
_ _ _ _	This reactivation test is being performed after the following suppression test: Suppression Test Using 12-Month-Old CRABI Dummy (S20) After section of the data sheet Suppression Test Using Newborn Infant Dummy (S20) After section of the data sheet Suppression Test Using 3-Year-Old Dummy and Booster Seats (S22) After section of the data sheet Suppression Test Using 3-Year-Old Dummy and Forward Facing Convertible Child Restraints (S22) After section of the data sheet Suppression Test Using an Unbelted 3-Year-Old Dummy (S22) After section of the data sheet Suppression Test Using 6 Year-Old-Dummy and Booster Seats (S24.2.1) After section of the data sheet Suppression Test Using 6 Year-Old-Dummy (S24.2.1) After section of the data sheet Leave the seat in the position used for the suppression test. (The seat back is not reclined as it would be for positioning for a crash test.)
34567891011.	Human Identification Code: The human is wearing a cotton T-shirt. (S29.2) The human is wearing full-length cotton trousers. (S29.2) The human is wearing sneakers. (S29.2) Human weight:
14.	(full forward is position zero) Passenger foot positioning. (Indicate final position achieved) (S16.3.3.2)

	14.1 Place feet flat on the toe board. OR (S16.3.3.2.1)	
	14.2 If the feet cannot be placed flat on the toe board, the feet	et are perpendicular to the
	lower leg, and the heel is as far forward as possible and resting	
	(\$16.3.3.2.2)	on the need pain. On
	14.3 If the heels do not touch the floor pan, the legs are vertice	cal and the feet parallel to
	the floor pan. (S16.3.3.2.2)	bar and the reet paramer to
15	Passenger arm/hand positioning. (S16.3.3.3)	
10.	15.1 Place the human's upper arms adjacent to the torso with	the arm centerlines as
	close to a vertical longitudinal plane as possible. (S16.3.3.3.1)	Title ann centermies as
	15.2 Place the palms of the human in contact with the outer p	part of the thighs
	(S16.3.3.3.2)	art or the thighs
	,	C16 2 2 2 2)
40	15.3 Place the little fingers in contact with the seat cushion. (Second the supplied applied as place the ignition in the "an" position	,
16.	Start the vehicle engine or place the ignition in the "on" position,	
	the suppression system, and close all vehicle doors. (\$22.2.1.7)	wait 10 seconds, and
	then check whether the air bag is suppressed. (S22.2.1.8)	
	Air Bag Suppressed – FAIL	
	Air Bag Not Suppressed – Pass	
17.	Return the ignition switch to the "off" position.	
		
I certify	that I have read and performed each instruction.	Date