APPENDIX H
PROCEDURES FOR USING CHILDREN AND SMALL ADULTS IN SUPPRESSION TESTS
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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.
DATA SHEET 19H
Suppression Test Using a Representative 3-Year Old Child and Booster Seats (S22)

NHTSA No. ___________________________ Test Date: ______________

Laboratory: ___________________ Test Technician(s): ___________________________

Booster Seat Name, Model, and Manufacture Date: __________________________________

Seat Position:  __ Full rearward  __ Mid position  __ Full forward  (Use a separate sheet for each of the three fore-aft positions.)

   __ The booster seat has NO visible damage. (S22.1.1)

Is the passenger air bag suppression telltale light off when the passenger seat is empty?  
   __Yes – Note the instances when a mechanism rather than the telltale is needed to determine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler limits the use of the mechanism to the car bed and the 3-year-old on the edge of the seat.  
   __No

1. Child information
   __1.1 Child Identification Code: ______________________________
   __1.2 The child is wearing a cotton T-shirt. (S29.2)
   __1.3 The child is wearing full-length cotton trousers. (S29.2)
   __1.4 The child is wearing sneakers. (S29.2)
   __1.5 Child weight: _____________ (13.4 to18 kg) (S29.1(b)
   __1.6 Child height: _____________ (89 to 99 cm) (S29.1(b))

2. Belted tests with a booster seat. (Booster seats listed in Appendix A, section D)
   __2.1 Place the SCRP in the position specified in the header information. Use the seat markings determined during the completion of Data Sheet 14.1 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
   __2.2 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 __________________________
   __2.3 Locate and mark a vertical Plane A through the longitudinal centerline of the booster seat. (S22.2.1.2)
   __2.4 Read the booster seat owner’s manual for installation instructions
   __2.5 Place the booster seat in the seat such that Plane A (item 1.3 above) is aligned with Plane B (determined and marked during the completion of Data Sheet 14).  
   (S22.2.1.4(a)(1))
   __2.6 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)
2.7 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 1.7
   __ No – go to item 1.8
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). (S22.2.1.6.1)
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. __ All __ Part

2.7.1 Cinch the seat belt to a tension load of 130 N ± 3N (29.2 lb ± 0.7 lb) (S22.2.1.6.1)
Record seat belt tension ___________________
   __ N/A – The booster seat is not designed to be secured to the vehicle seat even when empty.

2.8 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)

2.9 Attach all belts that come with the booster seat that are appropriate for the child’s same height and weight, if any, by following, to the extent possible, the manufacturer’s instructions for seating children provided with the booster seat. (S22.2.1.6.3)
   __ N/A – No seat belts come with the booster seat.

2.10 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 4 lb) 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)
   __ N/A – Booster seat belts that come with the booster seat are used to secure the child and the booster seat is secured with the vehicle’s seat belt. (See 1.23)

2.11 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

2.12 Return the ignition switch to the “off” position.

3. Unbelted tests using FMVSS 225 Anchorages with a booster seat. (Booster seats listed in Appendix A, sections D) – Do NOT attach seat belts. (S22.2.1.4 (b)) Do NOT attach any tethers. (S22.1.4(a))
   __ N/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.

3.1 Keep the same seat position as in 2 above.

3.2 Read the booster seat and vehicle owner’s manuals for installation instructions

3.3 Attach the booster seat to the FMVSS 225 anchorages according to the instructions in the booster seat and the vehicle owner’s manuals. Do NOT attach any tethers. (S22.1.4(a)) Do NOT use any positioning devices such as towels. (FR 65 30711, footnote 23, 5/12/2000)

3.4 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)

3.5 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 for seating children provided with the booster seat. (S22.2.1.6.3)
3.6 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
3.7 Return the ignition switch to the “off” position.

I certify that I have read and performed each instruction.                          Date
DATA SHEET 20H
Suppression Test Using a Representative 3-Year Old Child and Forward Facing Convertible Child Restraints (S22)

NHTSA No. ___________________________ Test Date: ______________

Laboratory: ___________________ Test Technician(s): __________________________

Child Restraint Name, Model, and Manufacture Date: __________________________________

Seat Position: _ Full rearward _ Mid position _ Full forward (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)

Is the passenger air bag suppression telltale light off when the passenger seat is empty?  
__Yes – Note the instances when a mechanism rather than the telltale is needed to determine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler limits the use of the mechanism to the car bed and the 3-year-old on the edge of the seat.  
__No

1. Child information
   _1.1 Child Identification Code: ______________________________
   _1.2 The child is wearing a cotton T-shirt. (S29.2)
   _1.3 The child is wearing full-length cotton trousers. (S29.2)
   _1.4 The child is wearing sneakers. (S29.2)
   _1.5 Child weight: _____________ (13.4 to 18 kg) (S29.1(b)
   _1.6 Child height: _____________ (89 to 99 cm) (S29.1(b))

2. Belted tests with a forward facing child restraint. (Child restraints listed in Appendix A, section C)
   _2.1 Place the SCRP in the position specified in the header information. Use the seat markings determined during the completion of Data Sheet 14.1 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
   _2.2 Place any adjustable seat belt anchorage positions 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 ______________
   _2.3 Locate and mark a vertical Plane A through the longitudinal centerline of the child restraint. (S22.2.1.2)
   _2.4 Read the child restraint owner’s manual for installation instructions
   _2.5 Place the child restraint facing forward in the seat such that Plane A (item 1.3 above) is aligned with Plane B (item 1.15 above). (S22.2.1.4 (a)(1))
   _2.6 While maintaining the child restraint position with Plane A aligned with Plane B, secure 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)
2.7 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

2.8 Cinch the seat belt to a tension load of 130 N ± 3N (29.2 lb ± 0.7 lb) (S22.2.1.5.2)

Record seat belt tension

2.9 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 seat back of the child restraint. Place the arms at the child’s sides. (S22.2.1.5.2)

2.10 Attach all belts that come with the child restraint that are appropriate for the child’s height and weight, if any, by following, to the extent possible, the manufacturer’s instructions for seating children provided with the child restraint. (S22.2.1.5.3)

2.11 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

2.12 Return the ignition switch to the “off” position.

3. Unbelted tests using FMVSS 225 Anchorages with a forward facing convertible child restraint. (Child restraints listed in Appendix A, section C) – Do NOT attach seat belts. (S22.2.1.4 (b))

Do NOT attach any tethers. (S22.1.4)

__ N/A - Vehicle does not have FMVSS 225 anchorages or child restraint does not have FMVSS 213 S5.9 devices to mate to the FMVSS 225 anchorages.

3.1 Keep the same seat position as in 1.1 above

3.2 Read the child restraint and vehicle owner’s manuals for installation instructions

3.3 Attach the child restraint, facing forward, to the FMVSS 225 anchorages according to the instructions in the child restraint owner’s manual and the vehicle owner’s manual. 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)

3.4 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 seat back of the child restraint. Place the arms at the child’s sides. (S22.2.1.5.2)

3.5 Attach all belts that come with the child restraint that are appropriate for the child’s height and weight, if any, by following, to the extent possible, the manufacturer’s instructions for seating children provided with the child restraint. (S22.2.1.5.3)

3.6 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

3.7 Return the ignition switch to the “off” position.

I certify that I have read and performed each instruction. ____________________________ Date
### DATA SHEET 21H

**Suppression Tests Using an Unbelted Representative 3-Year Old Child**

- **NHTSA No.** ______________________
- **Test Date:** ______________

- **Laboratory:** ___________________
- **Test Technician(s):** ___________________________

**Seat Position:** __ Full rearward  __ Mid position  __ Full forward  (Use a separate sheet for each of the three fore-aft positions.)  (S22.1.2)

Do NOT use seat belts for these tests.  (S22.2.2)

**Is the passenger air bag suppression telltale light off when the passenger seat is empty?**
- __Yes – Note the instances when a mechanism rather than the telltale is needed to determine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler limits the use of the mechanism to the car bed and the 3-year-old on the edge of the seat.  
  - __No

1. **Child information**
   - __1.1 Child Identification Code: ______________________________
   - __1.2 The child is wearing a cotton T-shirt. (S29.2)
   - __1.3 The child is wearing full-length cotton trousers. (S29.2)
   - __1.4 The child is wearing sneakers. (S29.2)
   - __1.5 Child weight: _____________ (21 to 25.6 kg) (S29.1 (c))
   - __1.6 Child height: _____________ (114 to 124.5 cm) (S29.1 (c))

2. **Sitting on seat with back against seat back (S22.2.2.1)**
   - __2.1 Place the SCRP in the position specified in the header information. Use the seat markings determined during the completion of Data Sheet 14.1 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
     - __N/A – No head restraint adjustment
     - Seat cushion angle
   - __2.2 Position the child in the seated position and place him/her on the right front outboard seat. (S22.2.2.1(a))
   - __2.3 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))
   - __2.4 Position the child’s torso against the seat back. (S22.2.2.1(b))
   - __2.5 Position the child’s thighs against the seat cushion. (S22.2.2.1(b))
   - __2.6 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.)
   - __2.7 Rotate the child’s upper arms until they contact the seat back. (S22.2.2.1(d))
   - __2.8 Rotate the child’s lower arms until the child’s hands contact the seat cushion. (S22.2.2.1(e))
2.9 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

2.10 Return the ignition switch to the “off” position.

3. Sitting on seat with back against reclined seat back (S22.2.2.2)

N/A – No seat back angle adjustment

3.1 Keep the child and the seat in the same position as item 2 above.

3.2 Recline the seat back an additional 25 degrees or the closest position that does not exceed 25 degrees. (S22.2.2.2)

Initial seat back angle
Final seat back angle

3.3 Verify the child’s 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 Verify the child’s torso is against the seat back. (S22.2.2.2(b))

3.5 Verify the child’s thighs are against the seat cushion. (S22.2.2.2(b))

3.6 Allow the legs of the child to extend off the surface of the seat. (S22.2.2.2(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 Verify the child’s upper arms contact the seat back. (S22.2.2.2(d))

3.8 Verify the child’s hands contact the seat cushion. (S22.2.2.2(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

3.10 Return the ignition switch to the “off” position.

4. Sitting on seat with back not against seat back (S22.2.2.3)

4.1 Keep the child and the seat in the same position as item 3 above.

4.2 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

4.3 Verify the child’s midsagittal plane is coincident within ± 10 mm of Plane B (determined and marked during the completion of Data Sheet 14). (S22.2.2.3(b))

4.4 Verify the child’s torso is against the seat back.

4.5 Verify the child’s thighs are against the seat cushion. (S22.2.2.3(c))

4.6 Rotate the child forward until the spine is vertical. (S22.2.2.3(b))

4.7 Keeping the spine vertical, move the child fore or aft to position the child’s back 25 to 150 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)
4.8 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.)

4.9 Position the child’s upper arms parallel to the spine. (S22.2.2.3(e))

4.10 Rotate the child’s lower arms until the hands contact the seat cushion. (S22.2.2.3(e))

4.11 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

4.12 Return the ignition switch to the “off” position.

5. Sitting 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 4 above.

5.2 Position the child in the seated position on the right front outboard seat. (S22.2.2.1(a))

5.3 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). (S22.2.2.4(a))

5.4 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. (S22.2.2.4(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.)

5.5 Position the child’s upper arms parallel to the spine. (S22.2.2.4(c))

5.6 Rotate the child’s lower arms until the hands contact the seat cushion. (S22.2.2.4(d))

5.7 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
  - Air Bag Not Suppressed – FAIL

5.8 Return the ignition switch to the “off” position.

6. Standing on seat, facing forward (S22.2.2.5)

6.1 Keep the seat in the end position used for 5 above.

6.2 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 during the completion of Data Sheet 14) and with the heels of the child’s feet in contact with the seat back. (S22.2.2.5(a))

6.3 Rest the child against the seat back, with the arms parallel to the spine. (S22.2.2.5(b))

6.4 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.)
__6.5 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 
__6.6 Return the ignition switch to the “off” position. 

7. Kneeling on seat facing forward (S22.2.2.6) 
   __7.1 Keep the seat in the end position used for 6 above. 
   __7.2 The seat back angle, if adjustable, is set at 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 
      N/A – The seat back angle was not adjusted in 5.5 above. 
      Manufacturer’s design seat back angle ______________ 
      Tested seat back angle ______________ 
   __7.3 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 during the completion of Data Sheet 14) 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)) 
   __7.4 Place the arms parallel to the spine. (S22.2.2.6 (b)) 
   __7.5 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 
   __7.6 Return the ignition switch to the “off” position. 

8. Kneeling on seat facing rearward (S22.2.2.7) 
   __8.1 Keep the seat in the end position used for 7 above. 
   __8.2 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 during the completion of Data Sheet 14), with the head and 
torso in contact with the seat back. (S22.2.2.7(a) and (b)) 
   __8.3 Place the legs so that they contact the seat as much as possible. (S22.2.2.7(b)) 
   __8.4 Place the arms parallel to the spine. (S22.2.2.7(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. (S22.2.2.7 (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 
   __8.6 Return the ignition switch to the “off” position. 

9. Lying on seat (S22.2.2.8) 
   __9.1 Does the front seat row have 3 or more designated seating positions? 
      Yes, continue with this section. 
      No, this form is complete. 
   __9.2 Keep the seat in the end position used for 8 above. 
   __9.3 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)) 
   __9.4 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)) 
   __9.5 Position the child’s arms parallel to the spine. (S22.2.2.8(a)(3)) 
   __9.6 Position the child so that he/she is as far back in the seat as possible. (S22.2.2.8(a)(6)) 
   __9.7 Position the child so that the topmost point of the child’s head is 50 to 100 mm from the 
vehicle door. (S22.2.2.8(a)(7))
__9.8 Rotate both thighs as much as possible toward the chest of the child and rotate the legs as much as possible against the thighs. (S22.2.2.8(b))

__9.9 Position the child's upper left arm perpendicular to the longitudinal centerline of the vehicle and rotate the lower left arm about the elbow joint and toward the child's head until movement is obstructed. (S22.2.2.8(c))

__9.10 Start the vehicle engine or place the ignition in the “on” position, whichever will turn on the suppression system, and close all vehicle doors. (S22.2.2.8(d)) Wait 10 seconds, and then check whether the air bag is suppressed. (S22.2.2.8(e))

Air Bag Suppressed – Pass

Air Bag Not Suppressed – FAIL

__9.11 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)

<table>
<thead>
<tr>
<th>NHTSA No.</th>
<th>Test Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Laboratory:</th>
<th>Test Technician(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Booster Seat Name, Model, Manufacture Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Seat Position:</th>
<th>__ Full rearward  __ Mid position  __ Full forward (Use a separate sheet for each of the three fore-aft positions.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>__</td>
<td></td>
</tr>
</tbody>
</table>

__ The booster seat has NO visible damage. (S24.1.1) __

Is the passenger airbag suppression telltale light off when the passenger seat is empty?

__ Yes – Note the instances when a mechanism rather than the telltale is needed to determine the airbag is suppressed. The 3/8/04 interpretation to DaimlerChrysler limits the use of the mechanism to the car bed and the 3-year-old on the edge of the seat. __

__ No __

1. Child information

<table>
<thead>
<tr>
<th>__1.1 Child Identification Code:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>__1.2 The child is wearing a cotton T-shirt. (S29.2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>__1.3 The child is wearing full-length cotton trousers. (S29.2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>__1.4 The child is wearing sneakers. (S29.2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>__1.5 Child weight: ______________  (21 to 25.6 kg) (S29.1 (c)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>__1.6 Child height: ______________  (114 to 124.5 cm) (S29.1 (c))</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

2. Belted tests with a booster seat. (Booster seats listed in Appendix A, section D, S24.1.1))

<table>
<thead>
<tr>
<th>__2.1 Place the SCRP in the position specified in the header information. Use the seat markings determined during the completion of Data Sheet 14.1 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)</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ N/A – No seat back angle adjustment</td>
</tr>
<tr>
<td>Tested seat back angle</td>
</tr>
<tr>
<td>Seat cushion angle</td>
</tr>
<tr>
<td>__ N/A – No head restraint adjustment</td>
</tr>
<tr>
<td>Test anchorage position</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>__2.2 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)</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ N/A – No adjustable upper seat belt anchorage</td>
</tr>
<tr>
<td>Manufacturer’s specified anchorage position.</td>
</tr>
<tr>
<td>Tested anchorage position</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>__2.3 Locate and mark a vertical Plane A through the longitudinal centerline of the booster seat. (S22.2.1.2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>__2.4 Read the booster seat owner’s manual for installation instructions</td>
</tr>
<tr>
<td>__2.5 Place the booster seat in the seat such that Plane A (item 2.3 above) is aligned with Plane B (determined and marked during the completion of Data Sheet 14). (S22.2.1.4(a)(1))</td>
</tr>
<tr>
<td>__2.6 While maintaining 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. (S24.1.4)</td>
</tr>
</tbody>
</table>
2.7 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 2.8 and skip 2.9
   - No – go to item 2.9

2.8 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). (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

2.8.1 Cinch the seat belt to a tension load of 130 N ± 3N (29.2 lb ± 0.7 lb) (S22.2.1.6.1)
   Record seat belt tension ___________________

2.8.2 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)

2.8.3 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)

2.9 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 empty.

2.9.1 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)

2.9.2 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 4 lb) 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)

2.10 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

2.11 Return the ignition switch to the “off” position.

3. Unbelted tests using FMVSS 225 Anchorages with a booster seat. (Booster seats listed in Appendix A, sections D) – Do NOT attach seat belts. (S24.1.3) Do NOT attach any tethers. (S24.1.4)
   N/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.

3.1 Keep the same seat position as in 2 above

3.2 Read the booster seat and vehicle owner’s manuals for installation instructions

3.3 Attach the booster seat to the FMVSS 225 anchorages according to the instructions in the booster seat and the vehicle owner’s manuals. 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.)
3.4 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)

3.5 Are belts that come with the booster seat designed to be used for a child of the same height and weight? (45 in (114 cm), 51.6 lb (23.4 g)?

   Yes – complete item 3.5.1 and skip 3.6
   No – go to item 2.6

3.5.1 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)

3.6 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 4 lb) 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)

3.7 Start the vehicle engine or place the ignition in the “on” position, whichever will turn on the suppression system, and close all vehicle doors. (S22.2.1.7) 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

3.8 Return the ignition switch to the “off” position.

I certify that I have read and performed each instruction. ______________________________  _______________

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

NHTSA No. ________________________ Test Date: ______________
Laboratory: ___________________ Test Technician(s): ___________________________

Seat Position: __ Full rearward   __ Mid position   __ Full forward (Use a separate sheet for each of the three fore-aft positions.) (S24.1.2)

Do NOT use seat belts for these tests. (S22.2.2)

Is the passenger air bag suppression telltale light off when the passenger seat is empty?
__Yes – Note the instances when a mechanism rather than the telltale is needed to determine the air bag is suppressed. The 3/8/04 interpretation to DaimlerChrysler limits the use of the mechanism to the car bed and the 3-year-old on the edge of the seat.
__No

1. Child information
   _1.1_ Child Identification Code: ______________________________
   _1.2_ The child is wearing a cotton T-shirt. (S29.2)
   _1.3_ The child is wearing full-length cotton trousers. (S29.2)
   _1.4_ The child is wearing sneakers. (S29.2)
   _1.5_ Child weight: _____________ (21 to 25.6 kg) (S29.1 (c))
   _1.6_ Child height: _____________ (114 to 124.5 cm) (S29.1 (c))

2. Sitting on seat with back against seat back (S22.2.2.1)
   _2.1_ Place the SCRP in the position specified in the header information. Use the seat markings determined during the completion of Data Sheet 14.1 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_
   _2.2_ Position the child in the seated position and place it on the right front outboard seat. (S22.2.2.1(a))
   _2.3_ Position the child such that its midsagittal plane is within ± 10 mm of Plane B. (S22.2.2.1(b))
   _2.4_ Position the child’s torso against the seat back. (S22.2.2.1(b))
   _2.5_ Position the child’s thighs against the seat cushion. (S22.2.2.1(b))
   _2.6_ 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.)
   _2.7_ Rotate the child’s upper arms until they contact the seat back. (S22.2.2.1(d))
   _2.8_ Rotate the child’s lower arms until the child’s hands contact the seat cushion. (S22.2.2.1(e))
2.9 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

2.10 Return the ignition switch to the “off” position.

3. Sitting on seat with back against reclined seat back (S22.2.2.2)

__N/A – No seat back angle adjustment

__3.1 Keep the child and the seat in the same position as item 2 above.
__3.2 Recline the seat back an additional 25 degrees or the closest position that does not
exceed 25 degrees. (S22.2.2.2)
Initial seat back angle _______
Final seat back angle ________

__3.3 Verify the child’s midsagittal plane is coincident with Plane B. (S22.2.2.1(b))

__3.4 Verify the child’s torso is against the seat back. (S22.2.2.1(b))

__3.5 Verify the child’s thighs are 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 Verify the child’s upper arms contact the seat back. (S22.2.2.1(d))

__3.8 Verify 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

3.10 Return the ignition switch to the “off” position.

4. Sitting on seat edge, spine vertical, hands by the child’s side (S22.2.2.4)

__4.1 Keep the seat in the end position used for 3 above.

__4.2 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 _______________

__4.3 Position the child in the seated position and place him/her on the right front outboard
seat. (S22.2.2.1(a))

__4.4 Position the child such that its midsagittal plane is within ± 10 mm of Plane B.
(S22.2.2.4(a))
4.5 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. (S22.2.2.4(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.)

4.6 Position the child’s upper arms parallel to the spine. (S22.2.2.4(c))

4.7 Rotate the child’s lower arms until the hands contact the seat cushion. (S22.2.2.4(d))

4.8 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
Air Bag Not Suppressed – FAIL

4.9 Return the ignition switch to the “off” position.

5. Sitting back in the seat and leaning on the right front passenger door (S24.2.3)

5.1 Keep the seat in the end position used for 4 above.

5.2 Position the child in the seated position and place him/her on the right front outboard seat. (S24.2.3 (a))

5.3 Position the child such that its midsagittal plane is within ± 10 mm of Plane B. (S24.2.3(a))

5.4 Position the child’s back against the seat back and thighs on the seat cushion. (S24.2.3(b))

5.5 Allow the legs and feet to extend off the surface of the seat. If this positioning of the child’s legs is prevented by contact with the instrument panel, move the seat rearward. (S24.2.3(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 is 5 mm.)

5.6 Rotate the child’s upper arms toward the seat back until they make contact. (S24.2.3(d))

5.7 Rotate the child’s lower arms down until they contact the seat. (S24.2.3(e))

5.8 Close the vehicle’s passenger-side door and then start the vehicle engine or place the ignition in the “on” position, whichever will turn on the suppression system. (S24.2.3(f))

5.9 Push against the child’s left shoulder to lean the child against the door; close all remaining doors. (S24.2.3(g))

5.10 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

5.11 Return the ignition switch to the “off” position.

I certify that I have read and performed each instruction. __________________________ Date __________________________
DATA SHEET 31H
Test 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: ______________
Laboratory: ___________________ Test Technician(s): ___________________________

Seat Position: ___ Full rearward ___ Mid position ___ Full forward (Use a separate sheet for each of the three fore-aft positions tested.) (S20.3.1, 22.3.1, S24.3.1)

Do NOT use seat belts for these tests.

1. 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

2. 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.)

3. Human Identification Code: ______________________________

4. The human is wearing a cotton T-shirt. (S29.2)

5. The human is wearing full-length cotton trousers. (S29.2)

6. The human is wearing sneakers. (S29.2)

7. Human weight: _____________ (46.7 to 51.25 kg) (S29.1(f)

8. Human height: _____________ (139.7 to 150 cm) (S29.1(f)

9. Position the human in the center of the seat, as determined in Data Sheet 14.1, with the pelvis touching the seat back and the back against the seat back.

10. Verify the human's midsagittal plane is vertical and within ± 10 mm of the seating position centerline. (S16.3.3.1.3 or S16.3.3.1.4)

11. Verify the transverse distance between the centers of the front of the knees is 160 to 170 mm (6.3 to 6.7 inches). Center the knee separation with respect to the seat centerline. (S16.3.3.1.6)
    Record Knee Separation ___________ mm

12. If needed, extend the legs until the feet do not contact the floor pan. The thighs are resting on the seat cushion. (S16.3.3.1.8)

13. If the human contacts the interior move the seat rearward until a maximum clearance of 5 mm (0.2 inches) is achieved or the seat is in the closest detent position which does not cause human contact. (S16.3.3.1.8)

   __ N/A No contact
   __ Human contact. Clearance set at maximum of 5mm
       Measured Clearance ___________ mm
   __ Human Contact. Seat set at nearest detent position.
       Seat position ___ detent positions rearward of full forward
       (full forward is position zero)

14. 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 are perpendicular to the lower leg, and the heel is as far forward as possible and resting on the floor pan. OR (S16.3.3.2.2)
14.3 If the heels do not touch the floor pan, the legs are vertical and the feet parallel to the floor pan. (S16.3.3.2.2)

15. Passenger arm/hand positioning. (S16.3.3.3)
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)
15.2 Place the palms of the human in contact with the outer part of the thighs (S16.3.3.3.2)
15.3 Place the little fingers in contact with the seat cushion. (S16.3.3.3.3)

16. 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)
Co Air Bag Suppressed – FAIL
Co 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 ___________