

# DAKOTA OCCUPANT RESTRAINT SYSTEM INFORMATION



**DO NOT INSTALL ADDITIONAL COMPONENTS IN ANY AREA.**

## ***Next Generation Driver and Front-Passenger Air Bag System***

### **Air Bag System Verification**

After modification work is complete, the modifier must confirm air bag system readiness, as follows:

Turn the ignition key on. The air bag lamp in the instrument cluster will illuminate for six to eight seconds, and then turn off. If the air bag lamp fails to illuminate, cycles on and off, or does not turn off, the modifier must have the vehicle repaired by a DaimlerChrysler Motors Corporation dealership before shipping.

### **Passenger Air Bag On/Off Switch**

For 2006, all Dakota Club Cab models have a passenger air bag on/off switch with indicator lamp installed on the instrument panel, as allowed by NHTSA rulemaking. The driver can activate or deactivate the passenger air bag by inserting and turning an ignition key in the switch, observing if its indicator lamp is ON or OFF, and then immediately removing the key from the on/off switch. **UNDER NO CIRCUMSTANCES SHOULD THE IGNITION KEY BE LEFT IN THE FRONT-PASSENGER AIR BAG ON/OFF SWITCH. THIS SWITCH MUST REMAIN INTACT AND MAY NOT BE USED FOR ANY OTHER PURPOSE.**

### **Air Bag Diagnostic Module/Sensor**

The Air Bag Diagnostic Module/Sensor is located under the instrument panel on the forward end of the transmission tunnel, and is covered by a plastic trim cover. Care must be taken not to disturb this module for any reason. It is also important that no modifications are made to the tunnel sheet metal, as this may affect the performance of the air bag system.

### **Air Bag Wiring**

All air bag wiring must remain intact and may not be used for any other purpose.

### **Location of Air Bag System Components**

It is imperative that all air bag system components remain in their original location and orientation. Any removal or relocation of components such as the air bag diagnostic module, or the engine compartment and instrument panel wiring may be detrimental to air bag system performance and is prohibited.

### **Knee Blocker/Lower Steering Column Cover and Passenger Side of Lower Instrument Panel**

The lower steering column cover area and glove box, also known as "knee blockers," are integral parts of the air bag restraint system. These areas include energy-absorbing features and must not be removed or modified in any manner. This includes the attachment of any auxiliary switches.

### **Steering Column Collapse Zone**

The steering column in this vehicle is designed to collapse axially under a compressive load in the event of a severe frontal impact. In order for the steering column to perform properly, it must not be modified in any manner. This includes all components that are adjacent to the steering column, such as the shrouds, the upper support bracketry, and the toe board attachment. Caution must also be exercised to ensure that nothing is placed in the axial path of the steering column, nor that any of the designed clearance gaps are disturbed.

### **Front Bumper System**

Since the crash sensing of the air bag systems is tuned, in part, to the front bumper, the original front bumper system (beam, brackets and fascia) must be retained. No modifications or additions to the bumper (i.e. bumper-mounted bicycle racks) are permitted.

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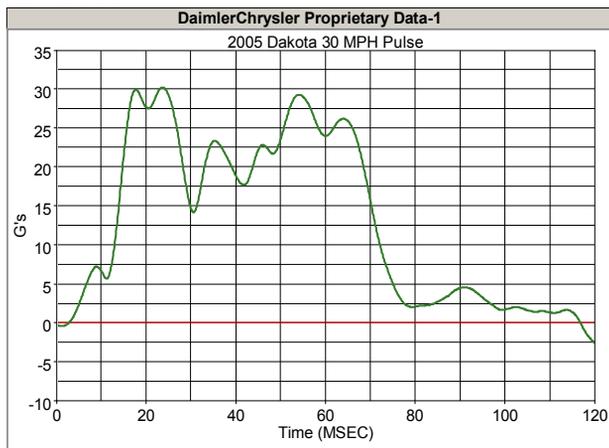
## Warning Labels

Removing or covering driver air bag warning labels is prohibited. Four labels (glove box, driver sun visor, and fuse block air bag label and engine compartment) are used to alert vehicle operators and service personnel that:

- The vehicle is equipped with driver and front-passenger air bags, but always use seat belts and child restraints
- Never put a rearward-facing child seat in the front-passenger seat unless air bag switch is off
- A backseat is the safest place for children 12 and under in Dakota Club Cab and Quad Cab
- Caution must be exercised when the vehicle is serviced, since improper procedures may cause inadvertent air bag deployment
- The system must be inspected at regular intervals, or when service is indicated by readiness lamp operation
- If either sun visor is replaced, the replacement visor must be equipped with an equivalent warning label

## Miscellaneous Requirements

Any components added to the occupant compartment must not break loose during a 30-mph barrier impact test. A plot of the average passenger compartment (chassis) deceleration with respect to time is shown in the pulse curve below.



Further, any pulse curve information can be retrieved from the National Highway Traffic Safety Administration at the address below:

## National Highway Traffic Safety Administration

Technical References Division  
NAD-40, Room 5108  
400 7th Street, SW  
Washington, D.C. 20590  
Telephone: (800) 445-0197  
Hours: 7:45 a.m. - 4:15 p.m. EST

- \* Certified to the Federal Regulations that allow less forceful front air bags. Always use seat belts. Children 12 and under should always be in a backseat in

Dakota Quad Cab or can be in the front seat only with passenger air bag turned off in Club Cab models correctly using an infant or child restraint system or a seat belt that is right for their age and size.