

CAUTIONARY NOTES

CAUTIONARY NOTES TO BODY BUILDERS

To provide a safe and serviceable vehicle to the customer, certain precautions must be observed to ensure correct assembly and construction of the finished vehicle.

1. All vehicles are equipped with occupant restraint systems. Before attempting any vehicle modification, disconnect and isolate the battery negative (ground) cable, then wait two minutes for the restraint system capacitor to discharge. This is the only sure way to disable the restraint system. Failure to take the proper precautions could result in accidental airbag deployment and possible personal injury.

2. Do not revise tubes or hoses as service systems' performance may be seriously impaired.

3. Body interior layout, body structure, accessory installation, water and holding tanks, fuel and propane tank, and motor generator locations should be designed to provide equal side-to-side loading on chassis to avoid vehicle lean and adverse effects on vehicle handling. The combined weight of the chassis, plus all items installed by the body builder, and an additional load allowance for reasonably anticipated passengers, liquids, luggage, and other equipment should not exceed the gross vehicle weight for which the vehicle is designed, and the weight should be distributed between the front and rear axles so the maximum capacity rating of each axle system is not exceeded.

4. Undercoating or sound deadening material should not be sprayed on any chassis, powertrain, or suspension parts. Hardware that requires special care includes such items as electrical wiring, radiator, engine, accessory drive, transmission, prop shaft, half shafts, steering mechanism, springs, shocks, exhaust pipes or linkages.

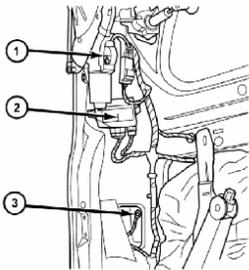
5. When modifying a minivan, refer to the weight label on the driver door shufface. This label will provide GVWR and GAWR information. Two conditions must be satisfied when the vehicle is loaded with its full capacity of passengers and cargo:

* The vehicle's GVWR rating shall not be exceeded.

AND

* The vehicle's front and rear axle ratings shall not be exceeded.

POWER LIFTGATE SYSTEM

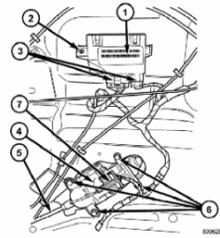


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It is imperative that all power liftgate system components remain in their original location and orientation. Any modification, removal or relocation of components such as the power liftgate control module, anti-pinch sensors, gear motor assembly, latch assembly or wiring may be detrimental to the power liftgate system performance. All power liftgate system wiring must remain intact and may not be used for any other purpose.

The power liftgate warning label serves to alert vehicle operators and service personnel. Removing, covering or omitting the power liftgate warning label is prohibited.

POWER SLIDING DOOR SYSTEM



It is imperative that all power sliding door system components remain in their original location and orientation. Any modification, removal or relocation of components such as the power sliding door control module, or wiring may be detrimental to the power sliding door system performance. All power sliding door system wiring must remain intact and may not be used for any other purpose.

The power sliding door system warning label serves to alert vehicle operators and service personnel. Removing, covering or omitting the power sliding door system warning label is prohibited.

GENERAL STORAGE INFORMATION

If you have prepared a vehicle that will not be immediately delivered to the customer, store the vehicle according to the following guidelines.

1. If possible, store vehicles indoors, in clean, dry places. If vehicles must be stored outdoors:

Try to avoid storage locations that are near any obvious sources of industrial or environmental contamination (e.g. trees, factories, steam or vapor vents, railroad tracks, etc.)

Maintain tight security to help prevent pilferage and vandalism, and inspect each vehicle regularly to check for such damage.

If the vehicle must be parked on an incline, park it with the front end higher than the rear; this will prevent "hydrostatic lock" caused by fuel draining into the engine.

Rinse the vehicle at least once a week. Snow should be washed away more often, since it can trap harmful contaminants. Dry all horizontal surfaces.

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2. IOD fuse should be removed in order to prevent battery drain and possible damage.
3. Check the vehicle's coolant and anti-freeze protection.
4. Check the vehicle's battery at least once a month for a proper charge (at least 12.4 volts). Charge the battery if necessary. This will help prevent freezing and deterioration.
5. Check the vehicle's tires and inflate them to their maximum recommended levels. Move the vehicles periodically to avoid "flat-spotting" the tires.
6. Do not engage the parking brake; keep it in the OFF position.
7. Keep all windows closed, all doors locked, and all trim covers intact and in place.
8. Do not use chalks, crayons or any marker containing abrasives on painted plated or glass surfaces.
9. Always use protective thin plastic film to avoid soiling seats when moving a vehicle.

HEADLAMP/TAILLAMP CIRCUIT CAUTION

DO NOT add any additional circuits to the minivan front lighting circuits due to the pulse width modulation operation performed by the Intelligent Power Module (IPM). The minivan also has headlamp outage detection, which displays a light in the cluster and warns the customer a headlamp is out. Adding any additional circuits may cause improper operation of this feature. If any additional exterior lighting circuits are added they must be added to the rear lighting/taillamps. The available current capacity is 4 amps per side. If the vehicle has the trailer tow package then an additional relay and fuse must be added.

OCCUPANT RESTRAINT SYSTEM

Please refer to the Minivan Occupant Restraint System Section and the Minivan FMVSS/CMVSR Compliance Section for detailed information on the restraint system prior to ANY modifications to the vehicle.

POWERTRAIN

Power Transfer Unit (PTU)

The PTU is not fitted with a drain plug. Under normal driving conditions, it is not necessary to change the PTU fluid. If, however, it is necessary to change or remove fluid, the procedure in the service manual should be followed.

TIRES

Same size and brand of tire should be used on both the front and rear of the vehicle. Spare tire must be of the same size and brand or equivalent revolutions per mile. Usage of a smaller tire on the front of the vehicle may result in damage to the PTU or Viscous Coupling.

OCS (OCCUPANT CLASSIFICATION SYSTEM)

Front Passenger Seat

The OCS requires extensive development, certification testing, and calibration testing to meet FMVSS 208

requirements. Any and all changes/modifications: to seat profile including trim cover, foam, cushion position, OCS mat, OCS pressure tube, OCS module; and to materials including trim cover, foam, cushion pan, seat riser and to seat position to I.P and door; and to position of OCS mat, OCS pressure tube would require a new calibration and certification of the system. DaimlerChrysler used the patented Delphi Corporation bladder system in this vehicle.