

## EXCLUSIVE EMISSIONS CONTROL REPAIR TIP!

### CHALLENGE

#### PREMATURE FAILURE OF EXHAUST HANGERS AND ISOLATORS APPLICATION: 2010 – 2008 CHRYSLER TOWN & COUNTRY & 2010 -2008 DODGE GRAND CARAVAN/VOYAGER MODELS

Installing new exhaust components on these applications without neutralizing the exhaust and the proper clearances can cause unnecessary strain on hangers and isolators, causing premature component failure and excessive noise and vibration inside the vehicle.

### SOLUTION

1. While checking clearances on the exhaust system, be sure to check all isolators to confirm that they have similar tension and are allowing the exhaust to be centered within the undercarriage exhaust channel.
2. Be sure to add a little extra clearance on the rear corners to allow for expansion closer to the floor of the vehicle.
3. Reposition any affected exhaust components until the isolators hang freely without excessive tension in either direction. For most slip-fit connections, the recommended pipe insertion is a minimum of 3/4-in. and maximum of 3-in. For flanged connections, closely inspect all body and exhaust hangers to ensure that they are aligned properly.

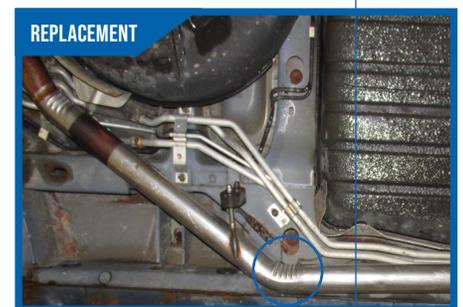
**NOTE:** The rubber isolators will hang at a forward angle when the system is cold and may grow and hang toward the rear when it warms up.

4. Tighten all connections, starting from the front, working your way to the rear of the vehicle.
5. Take special care where the exhaust has sharp bends and keep in mind that it will expand toward the rear of the vehicle as the exhaust system heats up.

**NOTE:** With the exhaust secured and cooled, the rear hanger may be angled slightly forward due to length contraction of the system when cold.



If you come across the need for slight fitment adjustments, the use of a composite shim could help, but should not be required. Utilizing a composite shim may help keep the exhaust centered and properly aligned during installation if additional support is needed.



Walker Part #47846

Walker direct-fit parts are engineered to match the OE routing based on design and fit of the vehicle. The Walker routing design provides additional clearance around the spare tire and matches OE routing towards the rear of the vehicle for this application.