

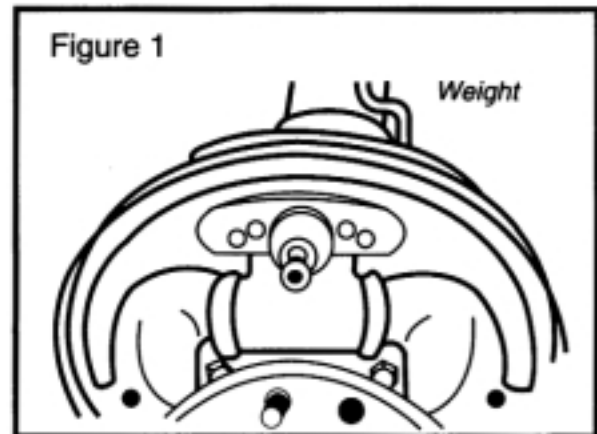
MOAN / HOWL NOISE FROM REAR BRAKES

1987-93 DODGE DAKOTA, DAKOTA SPORT, DAKOTA CAB & CHASSIS

Some Dodge Dakotas with 9" rear drum brakes may emit a loud moan/howl noise from the rear brakes. This noise occurs most often on medium deceleration stops from speeds of about 20 MPH and is loudest near the end of a stop. Dodge has manufactured a Dampener Weight Kit (Mopar Part Number 04637943) to help eliminate this moan/howl noise.

The repair procedures are as follows:

1. Road test the vehicle to verify that the noise does exist and is coming from one or both rear wheels, then proceed accordingly.
2. Dampener weights will be installed on both rear brake backing plates. Illustrations show brake hardware removed for clarity but **HARDWARE DOES NOT HAVE TO BE REMOVED FOR THIS PROCEDURE.**
3. Safely raise and support the vehicle and remove both rear wheel and tire assemblies.
4. Remove both rear brake drums and vacuum clean brake assemblies as required by OSHA standards.
5. Cover brake shoe assemblies to prevent contamination from drilling.
6. Thoroughly clean both sides of the backing plates above the wheel cylinders with brake cleaner.
7. Position dampener weight in place against back side of backing plate and carefully mark hole center line on upper edge and front groove of backing plate (Figures 1 and 2).
NOTE: The weight is contoured to fit into the rear of the backing plate with the flat surface facing toward the differential.



8. Center punch and drill, using a 9/32" drill bit. Drill inside of backing plate at hole alignment mark made in groove of the backing plate (Figure 3).
9. Temporarily install dampener weight using tee bolt and align weight to mark the second hole (Figure 4)
10. Carefully mark hole location and remove dampener weight. Center punch and drill second hole as in step 8.
11. Install dampener weight, tee bolts, locking cam washers and the 1/4 - 20 UNC nuts and tighten to 15.8 Nm (140 in. lbs.) torque. Be certain that the dampener weight is positioned flush against the backing plate (Figure 5).
12. Repeat this procedure for other side of vehicle.
13. Install drums, tire and wheel assemblies. Torque wheel nuts to specifications.
14. Road test vehicle to verify that the noise is gone.

