

February 24, 2010

TO: ALL CHRYSLER AND DODGE DEALERS

FROM: GLOBAL SERVICE

SUBJECT: RAPID RESPONSE TRANSMITTAL / SERVICE ACTION #10-010
Propeller Shaft Balance Weights Missing Or Inadequately Welded

INVOLVED VEHICLES:

2010 (LX) Chrysler 300/Dodge Charger

NOTE: This Rapid Response Transmittal applies to All Wheel Drive (AWD) vehicles only (Body Models LXE*48 and LXF*48).

NOTE: This Service Action affects both sold and unsold vehicles.

NOTE: The VIN List is available on DealerCONNECT for all affected dealers. The VIN List has been inserted in the Service Tab under Rapid Response Transmittals. The dealers receiving the Rapid Response Transmittal Service Action are the "Ship To" dealers and the VIN's listed are specific to their dealership. All involved vehicles will be loaded into the VIP system.

NOTE: This should be a top priority and be completed prior to sale to avoid suspect vehicles being delivered to customers.

DISCUSSION:

Some vehicles may have been shipped with propeller shaft balance weights that were inadequately welded to the propeller shaft. In some cases, the balance weight may have fallen off.

Dealers are required to inspect the propeller shaft. If the balance weight is missing or the weld is determined to be inadequate, the propeller shaft will require replacement.

PARTS REQUIRED:

AR (1)	04593860AB	Propeller Shaft, 3.5L Engine Equipped
AR (1)	04593866AB	Propeller Shaft, 5.7L Engine Equipped
AR (1)	NPN	Black Paint, Flat, Rust Resistant

NOTE: Only order prop shafts for vehicles that require one based on inspection.

REPAIR PROCEDURE:

1. Place vehicle on a lift, place gearshift in neutral and raise the vehicle.
2. Inspect the propeller shaft for the presence of a spot welded balance weight at "Plane # 1", (Fig 1).

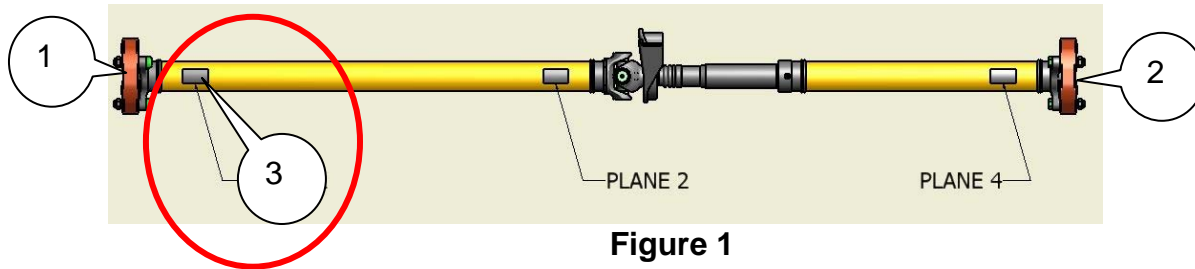


Figure 1

1	Rear Propeller Shaft Rear Axle Mounting Flange
2	Rear Propeller Shaft Transmission Mounting Flange
3	Plane # 1

3. If a bare metal area is found as shown (Fig 2), proceed to step 8 “Replacing the Propeller Shaft Assembly.” If not proceed to the next step.

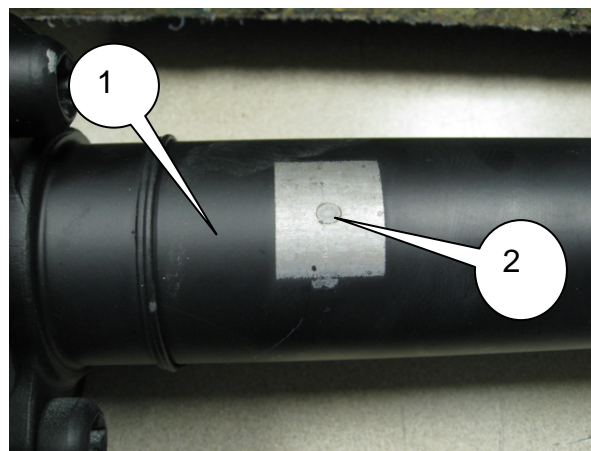


Figure 2

1	Propeller Shaft
2	Balance Weight Missing (Bare Metal)

4. If no balance weight exists and there is **no bare metal** as shown (Fig 2), the inspection process is complete and it **WILL NOT** be necessary to replace the propeller shaft.
 5. If a balance weight is found (Fig 3), proceed to the next step.

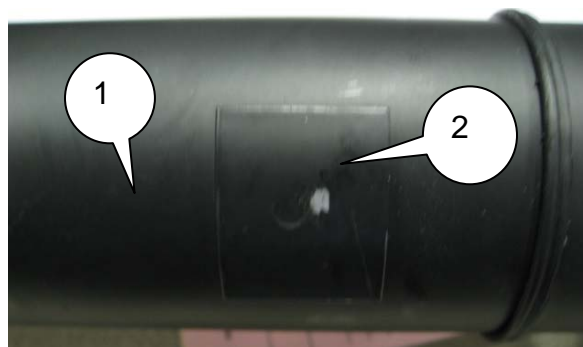


Figure 3

1	Propeller Shaft
2	Balance Weight

6. Test the integrity of the spot weld as follows:
 - a. Rotate the propeller shaft so that the balance weight is facing downward.
 - b. Center the edge of a chisel on the edge of the balance weight at a 45° angle (Fig 4).

NOTE: The chisel edge must be centered with the edge of the weight and the centerline of the chisel must line up with the centerline of the spot weld. Use care to prevent tube damage.

- c. Using a two pound rubber or plastic mallet placed 6 inches from the chisel, strike the head of the chisel. If the balance weight becomes dislodged, cupped, torn, or shifted, proceed to step 8 “Replacing the Propeller Shaft Assembly.”

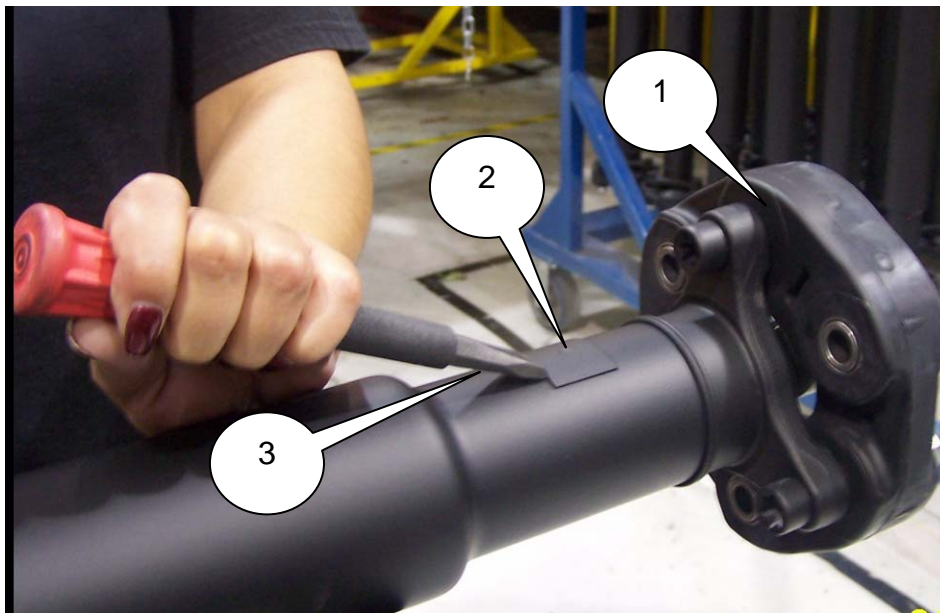


Figure 4 (Shaft Removed for Picture Clarity)

1	Rear Propeller Shaft Rear Axle Mounting Flange
2	Propeller Shaft Balance Weight
3	Chisel Positioned at a 45 Degree Angle

NOTE: Figure 4 is shown with the propeller shaft removed for picture clarity. It is not necessary to remove the propeller shaft to verify proper weld adhesion.

7. If the weight is firmly attached, touch up the weight with flat black paint as necessary (Fig 5). The inspection process is complete and it **WILL NOT** be necessary to replace the propeller shaft.

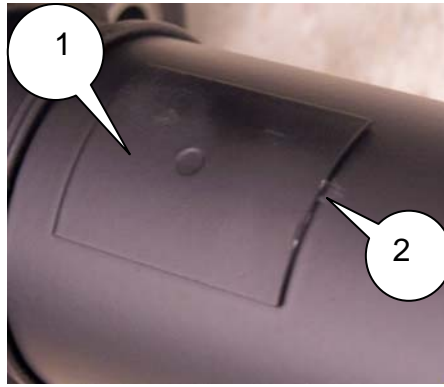


Figure 5

1	Propeller Shaft Balance Weight
2	Touch Up Balance Weight at Strike Areas

- Replace the propeller shaft assembly. Follow the procedures outlined in DealerCONNECT>TechCONNECT>03 – Differential and Driveline>Propeller Shaft>Removal/Installation>Rear.

POLICY: Reimbursable within the provisions of the warranty.

NOTE: USE OF THE LABOR OPERATION INCLUDED WITH THIS SERVICE ACTION ON VEHICLES OTHER THAN THOSE INVOLVED MAY BE SUBJECT TO CHARGE BACK.

TIME ALLOWANCE:

LABOR OPERATION NO:

16-30-03-90	Propeller Shaft, Assembly – Inspect (B)	0.2 Hrs.
16-30-03-91	Propeller Shaft, Assembly – Inspect and Replace (B)	1.1 Hrs.

FAILURE CODE: ZZ - Service Action

If you have any questions, contact your Business Center.