



Axle Housing, Cleaning Procedure; Acceptable Methods And Materials For Cleaning Axle Housings To Prevent Repeat Issues



> Internal Content

Before reattaching the carrier assembly to the axle housing, the axle housing and the wheel hub assemblies must be properly and thoroughly cleaned of all the contaminants from the previous failure.

Acceptable cleaning methods:

For Heavy Contamination - Situations that would allow or be caused by circulation of small particulate throughout the housing such as failures that were driven long distances before repair or repeat failures:

- Clean the axle housing using either hot pressure washing or steam cleaning.
- Remove, inspect and thoroughly clean the hubs.
- Inspect the bearings and races for damage.
 - Any damaged components found should be replaced.

For Light Contamination - Situations that would not allow for circulation of particulate through the housing such as catastrophic failures that immediately prevent the vehicle from operating or moving:

- Spot cleaning can be performed with a sprayable solvent.
- If necessary, clean the axle housing using either hot pressure washing or steam cleaning.
- Inspect the wheel ends for the presence of metal particles in the hub oil.
 - Any debris found should be cleaned and/or repaired as needed.

After the repair is complete, use Warranty Operation [4600-11-03-01](#)



Live UI [Debris, Clean](#) for the labor for cleaning the housing.



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