

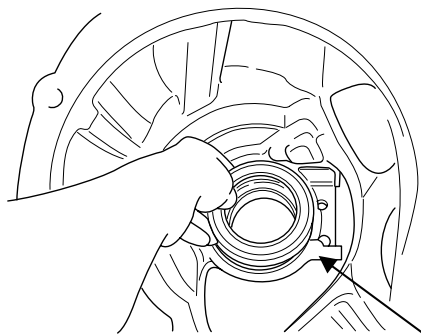
Lube Manifold Installation and Assembly Instructions

MODELS: D170, D190, D404, DSP40, DSH40 (after June 2008 designs) Family of Drive Axles

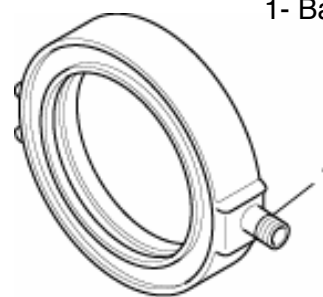
Shown below are basic assembly instructions for the lube manifold components for the models listed above. Additional assembly- and disassembly-related procedures are shown in more detail in the associated service publications.

Lube Manifold Assembly:

1. Install the manifold assembly into the output side gear bearing bore in the carrier. Make sure the barbed nipple is lined up with the opening in the carrier casting at about the 5:00 position.

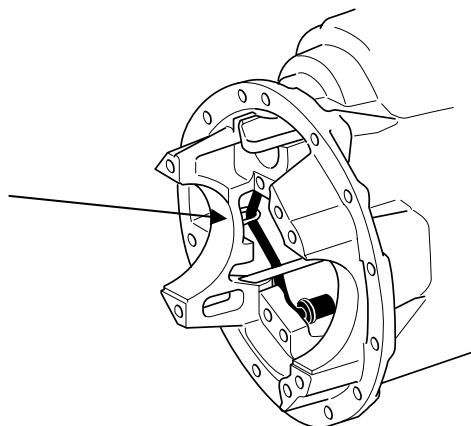


5:00 Position



1- Barb fitting

2. Install the hose clamp on the hose, push the hose onto the barbed fitting and slide the clamp over the barbed nipple.
3. Route the hose through the 2 holes in the carrier casting to the bottom filter mounting hole.

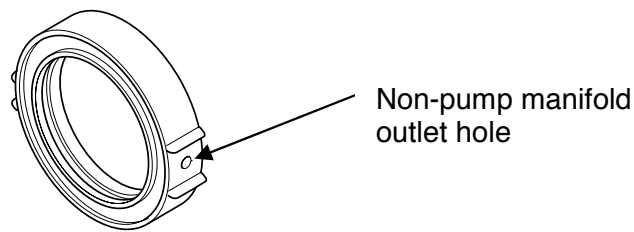


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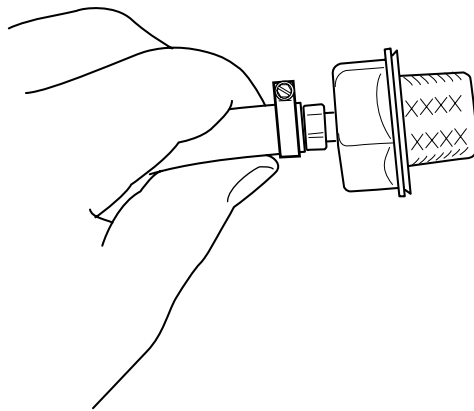
4. Fully press the manifold assembly into position.

Note: Use care when pressing the manifold assembly to avoid damaging the seals and the barbed nipple. Do not over-press plastic.

Note: For non-pump manifold installation, it is important to line up the oil outlet path hole in the manifold with the oil path opening in the carrier casting.



5. Next, install the hose clamp/filter assembly to the filter end of the hose and tighten the hose clamp.



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