

**Updated Bonnet
O-Ring For Caterpillar
3406B / C Fuel Systems
+ O-Ring Installation
Tips**

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For several years, DIPACO has offered customers an improved bonnet o-ring D131-3719 for the 3406B and 3406C New Scroll Fuel Systems that replaced the D9X7735 o-ring. While the D9X7735 remains available for other applications it should not be used on the 3406B / C bonnets.

The D131-3719 o-ring can be identified by its pink color while the former o-ring, D9X7735, is purple. The improved o-ring has a slightly increased outside diameter that locates the o-ring better on the chamfer of the bushing during assembly.

Use of this o-ring reduces the chance of damaging the o-ring resulting in a fuel leak. **Note:** Our 3406B and 3406C NSFS application gasket kits include the D131-3719 o-ring.

O-Ring Installation Tips:

1. To reduce the possibility of o-ring damage during assembly first position the tappet so it is on the inner base circle of the camshaft.
2. Install the P+B assembly and place a lightly lubricated D131-3719 o-ring on the bonnet.
3. Use a Caterpillar 6V7050 compressor tool to push the P+B assembly down until bottomed.
4. Engage the D7C6617 bushing with the threads in the pump housing and screw the bushing down until it contacts the bonnet.
5. Torque the bushing to 190 lb ft +/- 10 lb ft (267 Nm +/- 14 Nm) and check the rack for binding.

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