



# IPD TECH BULLETIN

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## SUMMARY OF 3500 SERIES WATER FERRULES HISTORY

Several specification revisions have occurred in water ferrules for 3500 series engines over the years. Here are some details on these changes:

### **1988**

8N6862 and 8N6863 were introduced replacing the 7W0373 and 7W0374. The new 8N6862 and 8N6863 seals were a silicone-type material (white or orange) that provided more oil resistance than the previous 7W0373 and 7W0374, which were made from EPDM material.

### **1992**

8N6862 and 8N6863 changed to a “taller” profile to improve sealing ability. The OE manufacturer did not change the part number but did change the new taller ferrule to a gray color to help identify them.

### **1993**

There was an update to new numbers 6I1356 & 6I1357, replacing the 8N6862 and 8N6863. The new material for the 6I1356 & 6I1357 was black in color.

### **1998**

6I1356 & 6I1357 were replaced with 1261112 & 1261113. These new seals increased the sealing ability by approximately 40%, contained a rigid plastic insert, and were yellow.

### **2002**

1261112 & 1261113 were replaced with 2045426 & 2045427. The new seals were made from a higher temperature specification material, and the previous plastic insert was replaced with a new stainless-steel insert.

### **2010**

2045426 & 2045427 were replaced with 3251410 & 3251412. The updated seals were orange in color and used a material that was more durable in high temperature applications.



**2013**

3251410 & 3251412 were replaced with 4200652 & 4200653. The new seals were green in color and used an updated stainless-steel sleeve that reduced strain on the outer seal.

**2021**

Cat changed the color of their ferrules from green to yellow. There was not a change in the material or part number. These ferrules are interchangeable regardless of their color. IPD ferrules remain green.

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