



## SERVICE BULLETIN

---

**Title:** 19D Oil Regulator Spring  
**Models Affected:** 19D, 19DK, 19DM

**Number:** C9411  
**Date:** 12/13/94  
**Supersedes:**  
**Date:**

**Purpose:**

To inform the field of a change involving the 19D oil pump relief valve spring.

**File:** Compressor–Motor–Drive–Gears

**Prepared By:** Mark Higgins

**Approved By:** Alan Johnson

---

This document and the material contained herein are the property of Carrier Corporation and may not be copied, reproduced, or released without written permission of Carrier Corporation.

## **Background:**

It was found that during run testing in the factory that some of the 19D oil pumps were not delivering the minimum GPM rating due to excess flow through the relief valve. Although the deficiency was small, product engineering decided that the spring tension should be increased in order to achieve a higher oil pressure in the pump.

Old Part Number: 19D31-1591

New Part Number: KA38BR020

## **Recommendation:**

If low pressure is being experienced in one of the 19D, 19DK, or 19DM oil pumps, and no other obvious reasons for low oil pressure are present, the oil regulation spring should be changed out. Units built in the factory as of mid January 1995 should have the new part number. RCD will have the new springs in stock by 1/1/95.