

# *Service Letter*

**Service Letter No. 439**  
**June, 1995**

**SUBJECT: Control Valve Improvement**

**MODELS AFFECTED: C317, C317A, 317B, 317C, 310**

Jacobs has revised the Control Valve, P/N 018434, used in Model C317, C317A, 317B, 317C and 310 engine brakes. The corners of the hex on top of the control valve have been rounded off. This prevents breakage of the inner control valve spring due to interference between the spring and the hex. The change is illustrated below.

When diagnosing a complaint of poor performance on these engine brake models, the inner control valve springs should be checked for breakage. If any springs are found broken, install new Inner Control Valve Springs, P/N 019504, and Control Valves, P/N 018434, in all 6 cylinders.

If a failure occurs within the warranty period, Jacobs will reimburse the cost of six (6) control valve springs and six (6) control valves. This repair procedure **MUST** be followed for warrantable repairs.

Field inventory of Control Valve, P/N 018434, made prior to this change was replaced in February and March of this year. Distributors now have the revised version.

This is a Jacobs product advisory and not subject to campaign.

