



Service Letter

Service Letter No. 448 December, 1995

SUBJECT: New Control Valve Spring, P/N 021524

MODELS AFFECTED: 349A

A new control valve spring, P/N 021524, is now being used in the Model 349A Jake Brake®. This spring has a new surface treatment which testing has shown to provide greater fatigue life. The new spring can be distinguished from the old spring by color. The new spring, P/N 021524, is pink while the old spring, P/N 011823, is red. Both springs are the same size and have the same number of coils.

All new Model 349A engine brakes beginning with serial number J022695 include the new spring. The Model 349A Tune-up kit, Model 349A Control Valve Group, and Caterpillar Distribution Kit have also been changed to include the new spring, P/N 021524.

If a control valve spring, P/N 011823, in a Model 349A engine brake fails within the warranty period, all 6 control valve springs must be replaced with new springs, P/N 021524. If the engine brake **does not** contain the latest Control Valve Spacer/Cover, P/N 021056, use Control Valve Spring Group, P/N 021174, to complete the repair. (Control Valve Spring Group, P/N 021174, contains 6 Spacer/Covers, P/N 021056; 6 Springs, P/N 021524; and 6 Retaining Rings, P/N 020513.) If the engine brake **does** contain the latest Spacer/Covers, only the 6 springs, P/N 021524, must be installed.

The standard Jacobs Warranty Procedures should be used to claim repair costs for failures occurring within the published warranty period.

The Control Valve Spring, P/N 011823, will no longer be used in the Model 349A engine brake. The Control Valve Spring, P/N 011823, will continue to be used in the 340A, 310A, 317D/E, and 404BG engine brake models.

This is a product improvement and not subject to campaign.