

Service Letter

Service Letter No. 392

July, 1994

SUBJECT: Miscellaneous Product Updates

MODELS AFFECTED: 404D/411

Please take note of the following changes to the Jake Brake® Model 411 kit:

Adjusting Screw - Model 411 only

The current production rocker adjusting screw for the Jake Brake Model 411 is P/N 018929. Factory installed Jake Brake engine retarders have used the P/N 018929 adjusting screw since the start of production. In anticipation of a Cummins change to standardize the adjusting screw for the Model 411 and the 404D, early aftermarket kits were shipped with the P/N 016627 adjusting screw (same as the Jake Brake Model 404D) and the Parts Manual showed P/N 016627 as the correct adjusting screw for the Model 411.

Cummins continues to use the P/N 018929 in production and effective April 6, 1994, Jacobs® changed the aftermarket kits from P/N 016627 to P/N 018929 adjusting screw for parts standardization purposes. There is no performance or durability difference between the two adjusting screws and the Jake Brake Model 411 kits in service with P/N 016627 adjusting screws are acceptable. Please note this change in your Model 411 Parts Manual.

Crosshead - Model 411 only

The current production crosshead for the Jake Brake Model 411 is P/N 017302 (same as the Model 404D). This is the correct crosshead part number for both new production and service parts and the Model 411 Parts Manual correctly calls out the P/N 017302 crosshead. However, very early M11 engines with factory installed Model 411 kits used up a small inventory of P/N 018878 crossheads, which represented an early prototype crosshead. Use of P/N 018878 crossheads on Model 411 brakes will not affect brake or engine performance in any way.

Adapter - Models 404D and 411

Effective August 1, 1994, the P/N 017356 coupling/adaptor will be replaced with P/N 018931 adapter O-ring on Jake Brake Models 404D and 411. Model 411 kits will now have two P/N 018931 adapter O-rings per kit. P/N 018931 does not contain the Compuclock fittings. Cummins no longer requires a Compuclock fitting after the filter in the filter head. It is acceptable to use up existing field inventory of P/N 017356.

These are Jacobs product improvements and not subject to campaign.