

# Service Letter

## Service Letter No. 438R December, 1995

### SUBJECT: Retarder Control Wiring

### MODELS AFFECTED: C317, C317A, 317B, 317C, 317D, 317E

The wiring diagram included in Control Groups (with ABS), P/N 017597 and P/N 018427, has been revised. The new diagram is shown below.

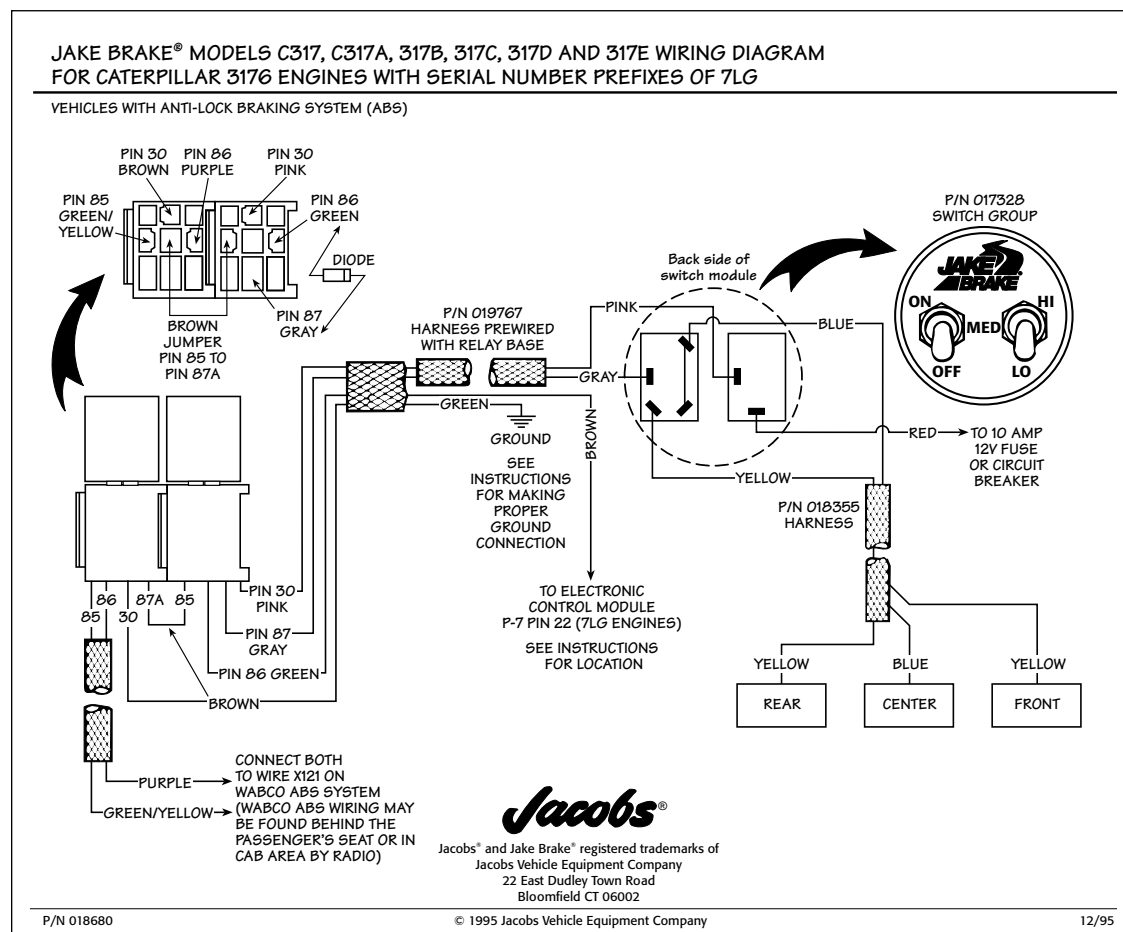
The wiring diagram included in Control Groups (without ABS), P/N 017596 and P/N 018428, has also been revised. This new diagram is shown on the reverse side of this letter.

The new diagrams correctly call out the pin numbers on the electronic control module for Caterpillar 3176 engines with "7LG" serial number prefixes.

Control Groups, P/N 018428 and 017596 (without ABS) and P/N 018427 and 017597 (with ABS), cannot be used on engines with a "2YG" serial number. Use the PWM Control Group, P/N 016587, with "2YG" engines.

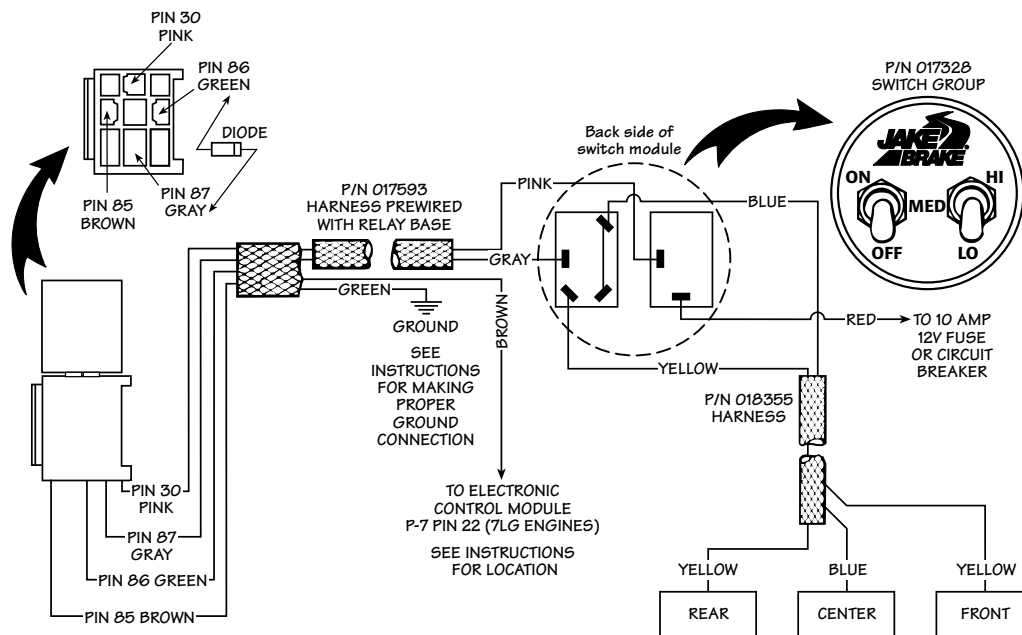
The pin connections for the Jacobs relay base have also been shown in a different view for clarification.

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



JAKE BRAKE® MODELS C317, C317A, 317B, 317C, 317D AND 317E WIRING DIAGRAM  
FOR CATERPILLAR 3176 ENGINES WITH SERIAL NUMBER PREFIXES OF 7LG

VEHICLES WITHOUT ANTI-LOCK BRAKING SYSTEM (ABS)



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