



Service Letter

Service Letter No. 417
December, 1994

**SUBJECT: Series 60 Engines Equipped with DDEC III and
Allison World Transmissions**

MODELS AFFECTED: 760A/765

Jacobs Vehicle Equipment Company announces the following changes in regard to Jake Brake Models 760A/765 on Detroit Diesel Series 60 engines equipped with DDEC III:

Switch Group, P/N 020035

This is a new ON/OFF, 3-position mode Switch Group which accommodates vehicles equipped with Series 60 engines and DDEC III with either manual transmissions or Allison World Transmissions.

Model 760A/765 DDEC III Wiring Diagram, P/N 020582

This wiring diagram has been changed to include the Switch Group, P/N 020035, and corresponding wiring differences to accommodate the Allison World Transmission.

The DDEC III wiring diagram which accompanied Jacobs Service Letter No. 400 (dated August 1994) had the "Digital Input Low" and "Digital Input Medium" labels paired with the incorrect wire color codes. The "Digital Input Medium" label should accompany the yellow wire, and the "Digital Input Low" label should accompany the blue wire. Please note that the correct wiring diagram (copy attached) replaces the wiring diagram which appeared in Service Letter No. 400, however the text information which appeared with Service Letter No. 400 is still accurate. Please discard the wiring diagram which accompanied Service Letter No. 400.

Cab Control Group, P/N 020220

The Switch Group, P/N 020035, replaces the Switch Group, P/N 017328, in the DDEC III Cab Control Group, P/N 020220. A copy of the revised wiring diagram and instructions for wiring Allison World Transmission applications is included with the Cab Control Group, P/N 020220.

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

