



Service Letter

Service Letter No. 434 May, 1995

SUBJECT: Detroit Diesel Series 50 Engines Equipped with DDEC III

MODELS AFFECTED: 750

Jacobs Vehicle Equipment Company announces the availability of engine and cab control groups for Jake Brake Model 750 on Detroit Diesel Series 50 engines equipped with DDEC III:

Cab Control Group, P/N 020491

This cab control group contains Jacobs Harness Group, P/N 020244, and ON/OFF Switch Group, P/N 020532. The Switch Group, P/N 020532, is an ON/OFF, 2-position mode switch group which accommodates vehicles equipped with Detroit Diesel Series 50 Engines and DDEC III with either manual transmissions or Allison World Transmissions.

Engine Control Group, P/N 020492

This is a new engine control group for Detroit Diesel Series 50 engines equipped with DDEC III.

Model 750 DDEC III Wiring Diagram, P/N 020493

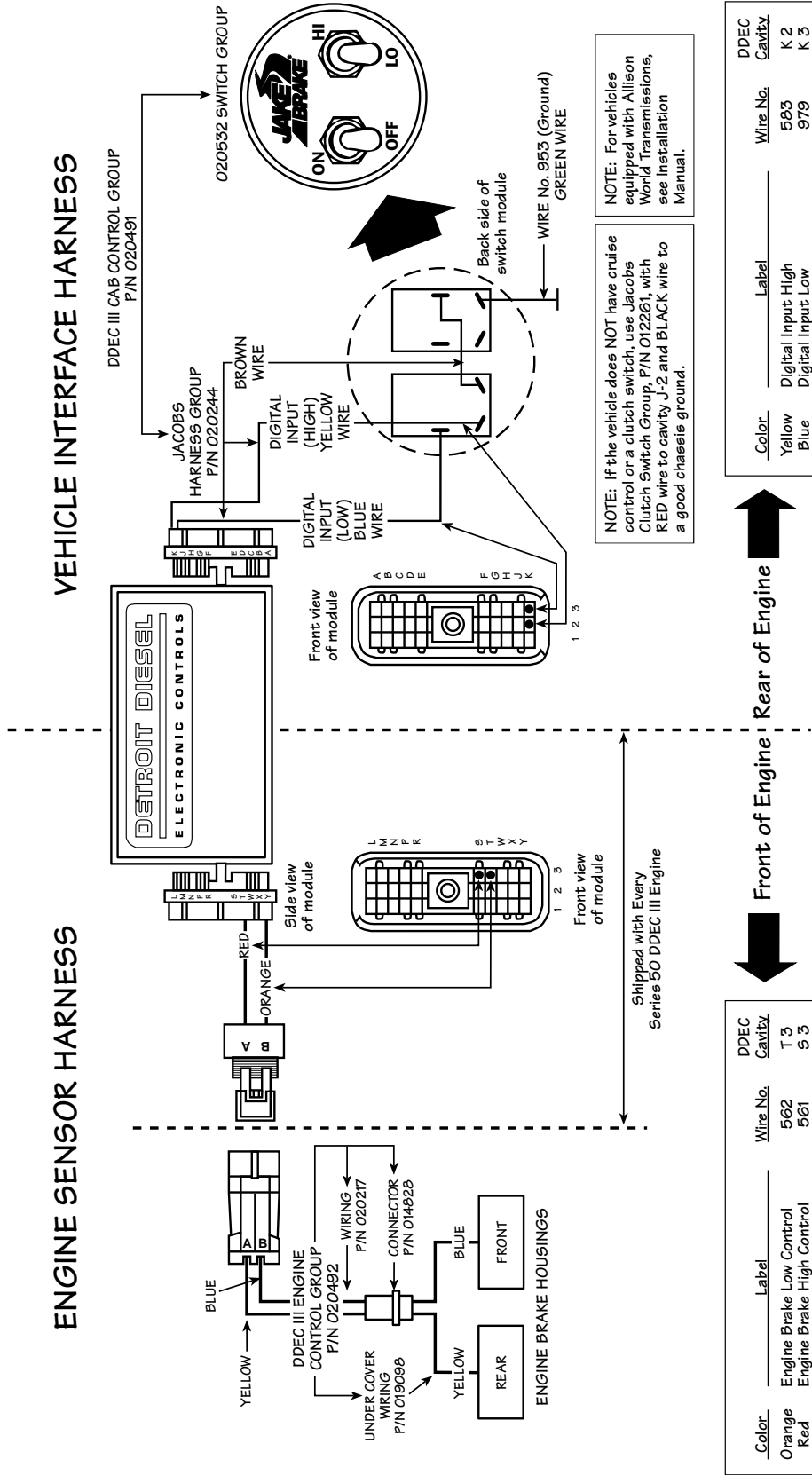
This wiring diagram is contained in each of the previously mentioned control groups and provides wiring instructions to assure proper Jake Brake and engine operation. A copy is on the reverse side of this service letter for your information.

NOTE:

IT MAY BE NECESSARY TO REPROGRAM THE DDEC III MODULE FOR JAKE BRAKE OPERATION ON NON-FACTORY INSTALLATIONS.

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

JAKE BRAKE® MODEL 750 DDEC SERIES III WIRING DIAGRAM



Color	Label	Wire No.	DDEC Cavity
Orange	Engine Brake Low Control	562	T 3
Red	Engine Brake High Control	561	S 3

Color	Label	Wire No.	DDEC Cavity
Yellow	Digital Input High	583	K 2
Blue	Digital Input Low	979	K 3

Front of Engine Rear of Engine



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Jacobs Vehicle Equipment Company
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