

Technical Service Information



TSI-05-04-03

Date: September, 2005

Subject File: BRAKES

Subject: Converting 4000 4 X 2 HPV Models with Hydraulic ABS Brakes to 4 X 4 Configuration may Increase Stopping Distance and is Not Approved by International Truck and Engine Corporation and Meritor Wabco

Model: 4100

Model: 4200

Model: 4300

Model: 4400

DESCRIPTION

A 4000 HPV model originally manufactured as a 4 X 2 configuration with Meritor Wabco hydraulic ABS brakes must not be converted to 4 X 4 configuration.

In the event this warning is ignored the stopping distance may increase. The company providing the 4 X 4 conversion assumes the liability and responsibility of certifying the converted vehicle meets all safety regulations .

The following letter was sent to International Truck and Engine Corporation by Meritor Wabco concerning the conversion of International 4000 4 X 2 HPV models to 4 X 4 configuration.

April 5, 2005

International Truck and Engine Corporation
Truck Group

Meritor WABCO was recently informed that a standard 4X2 medium duty truck built by International Truck and Engine Corporation and factory equipped with Meritor WABCO hydraulic ABS was converted by a final stage manufacturer to a 4X4 vehicle. Although the Meritor WABCO hydraulic ABS was tested and approved for the vehicle in the 4X2 configuration, neither Meritor WABCO nor International approved the system for a 4X4 application.

If you are aware of any final stage manufacturer, intermediate manufacturer or a retrofitter that has or is currently converting your standard 4X2 hydraulically braked medium duty trucks to 4X4 or front wheel drive, please immediately inform them that the Meritor WABCO hydraulic ABS is not approved for these vehicle configurations. If this non-approved conversion is made, increased stopping distances may result.

Please contact us if you have any questions concerning this matter.

Sincerely yours
Meritor WABCO Vehicle Control Systems