



## Technical Service Bulletin

**SUBJECT:** Wabco Hydraulic Power Brake (HPB) hard wired ABS Retarder Control

**Products Affected:** All hydraulic brake medium duty chassis equipped with Wabco HPB (e.g. 2010 Ford F650, Navistar 3200/4300/IC bus from MY2008, etc). GM C4500/5500 are not equipped with Wabco ABS. Light duty chassis are not equipped with Wabco ABS.

**Effective Date:** 25aug10

Telma is committed to a philosophy of continuous improvement as a way of enhancing the end-user's experience with our product.

The Wabco HPB control module does not have an ABS retarder control output available as part of the standard programming configuration.

ABS retarder control is required by the ABS manufacturers to ensure there is no interference from the retarder during an ABS event (wheel slip).

It is necessary to have the Wabco HPB module reconfigured to enable retarder control on pin 2 of the HPB module using the Wabco Toolbox software.

This solution is **not** compatible with F650 equipped with hard wired park brake lamp with SAHR or Navistar chassis equipped with hydraulic park brake actuator which already have a hard wired connection to Wabco HPB pin 2.

Contact Telma technical support if the chassis is equipped with these options.

Take your vehicle equipped with Telma and Wabco HPB immediately to your local truck dealer or any Wabco authorized service facility with the Wabco Toolbox software to make sure that pin 2 of the Wabco HPB module can be configured for retarder control and have the configuration change made

### Procedure:

Open the HPB service tool and press SHIFT, ALT, CTRL, & F12 at the same time. This will bring up the Utility drop down. Then click "Enable Retarder Disable Relay". You may need the latest Toolbox to get this function, version 9.1.6 (base window) or 7.9.9 (HPB window)."

All new and existing Telma installations using a hard wired ABS control connection must have Wabco HPB module pin 2 reconfigured for retarder control if there is not already a hard wired connection for other purposes as stated above.

Included in this bulletin are typical wiring diagram examples.

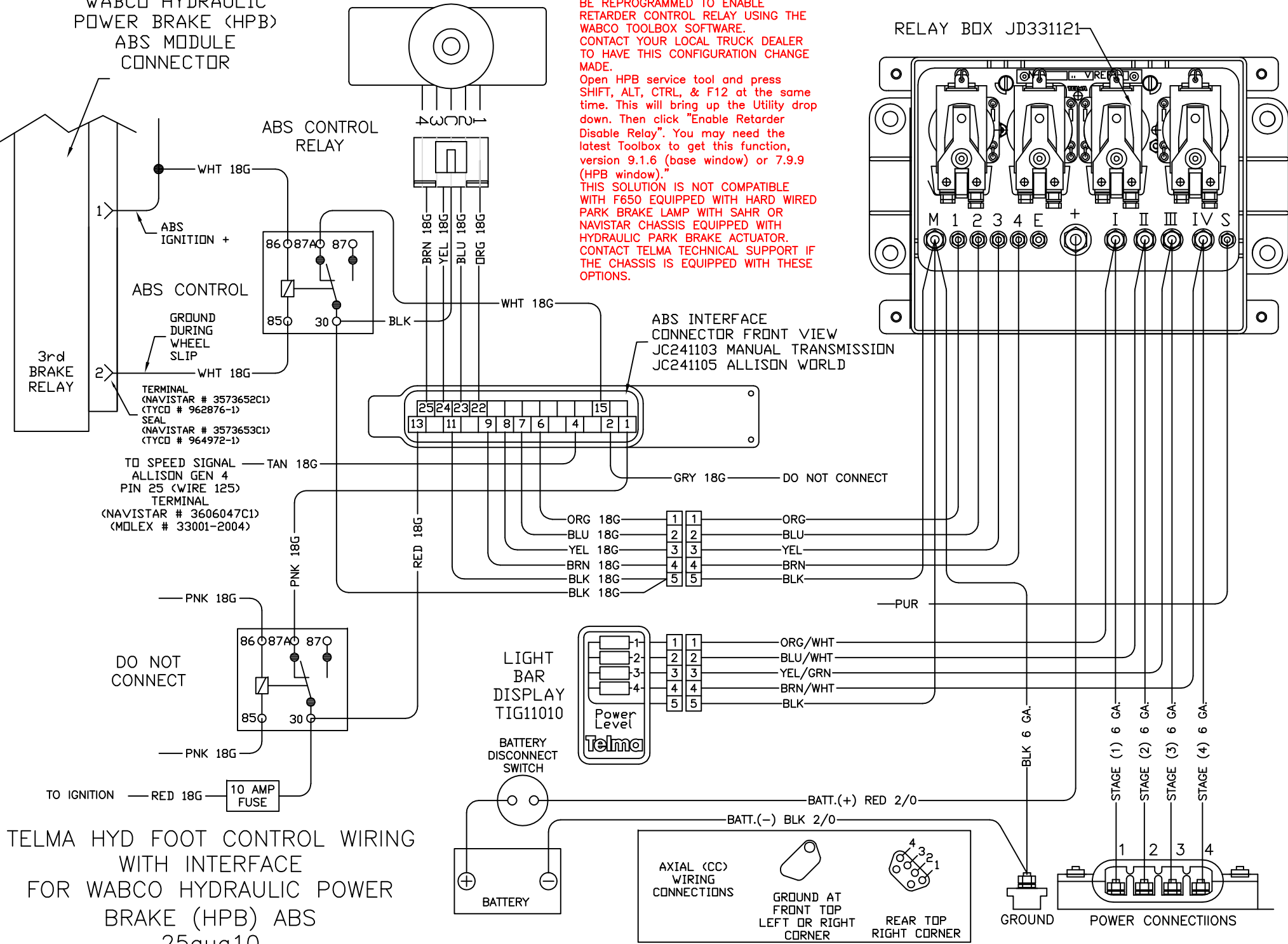
If you have any questions, contact Telma customer support at 800 797-7714, go to the Telma Web site at [www.telmausa.com](http://www.telmausa.com), or send an email to [engineering@telmacse.com](mailto:engineering@telmacse.com) with your questions 24 hours a day / 7 days a week.



WABCO HYDRAULIC  
POWER BRAKE (HPB)  
ABS MODULE  
CONNECTOR

**CAUTION!!**  
PIN 2 OF WABCO HPB MODULE MUST  
BE REPROGRAMMED TO ENABLE  
RETARDER CONTROL RELAY USING THE  
WABCO TOOLBOX SOFTWARE.  
CONTACT YOUR LOCAL TRUCK DEALER  
TO HAVE THIS CONFIGURATION CHANGE  
MADE.  
Open HPB service tool and press  
SHIFT, ALT, CTRL, & F12 at the same  
time. This will bring up the Utility drop  
down. Then click "Enable Retarder  
Disable Relay". You may need the  
latest Toolbox to get this function,  
version 9.1.6 (base window) or 7.9.9  
(HPB window)."  
THIS SOLUTION IS NOT COMPATIBLE  
WITH F650 EQUIPPED WITH HARD WIRED  
PARK BRAKE LAMP WITH SAHR OR  
NAVISTAR CHASSIS EQUIPPED WITH  
HYDRAULIC PARK BRAKE ACTUATOR.  
CONTACT TELMA TECHNICAL SUPPORT IF  
THE CHASSIS IS EQUIPPED WITH THESE  
OPTIONS.

RELAY BOX JD331121



TELMA HYD FOOT CONTROL WIRING  
WITH INTERFACE  
FOR WABCO HYDRAULIC POWER  
BRAKE (HPB) ABS  
25aug10