

**PREVOST**

ENREGISTRÉ - REGISTERED  
**ISO 9001 & ISO 14001**


**WARRANTY  
 BULLETIN**

Wb07-05



<b>DATE : JUNE 2007</b>	<b>SECTION : 07 - Transmission</b>
<b>EXPIRATION: JUNE 2009</b>	
<b>SUBJECT : REMOVAL OF ZF TRANSMISSION NEUTRAL POSITION RELAY ON H3 MULTIPLEX VEHICLES</b>	


**APPLICATION**

Model	VIN
H3-41 – H3-45 Coaches equipped with ZF transmission Model Year : 2005 - 2006	 2PCH3349X51010020 – 2PCH3349251010142 – 2PCH3349151010200 2PCH3349351010201 – 2PCH3349551010202 - 2PCH3349751010203 2PCH3349251010206 – 2PCH3349551010216 – 2PCH3349951010218 2PCH3349051010219 – 2PCH3349951010221 – 2PCH3349051010222 2PCH3349251010223 - 2PCH3349X51010227 – 2PCH3349161010294 2PCH3349461010306 - 2PCH3349861010308 – 2PCH3349X61010309 2PCH3349861010311 - 2PCH3349561010315
<p><b>This bulletin does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.</b></p>	

**DESCRIPTION**

On the above-mentioned vehicles, relay indicating that ZF transmission is in neutral position must be removed to avoid fuse burning and to standardize them with other vehicles regarding electrical schematics.



**PROCEDURE**

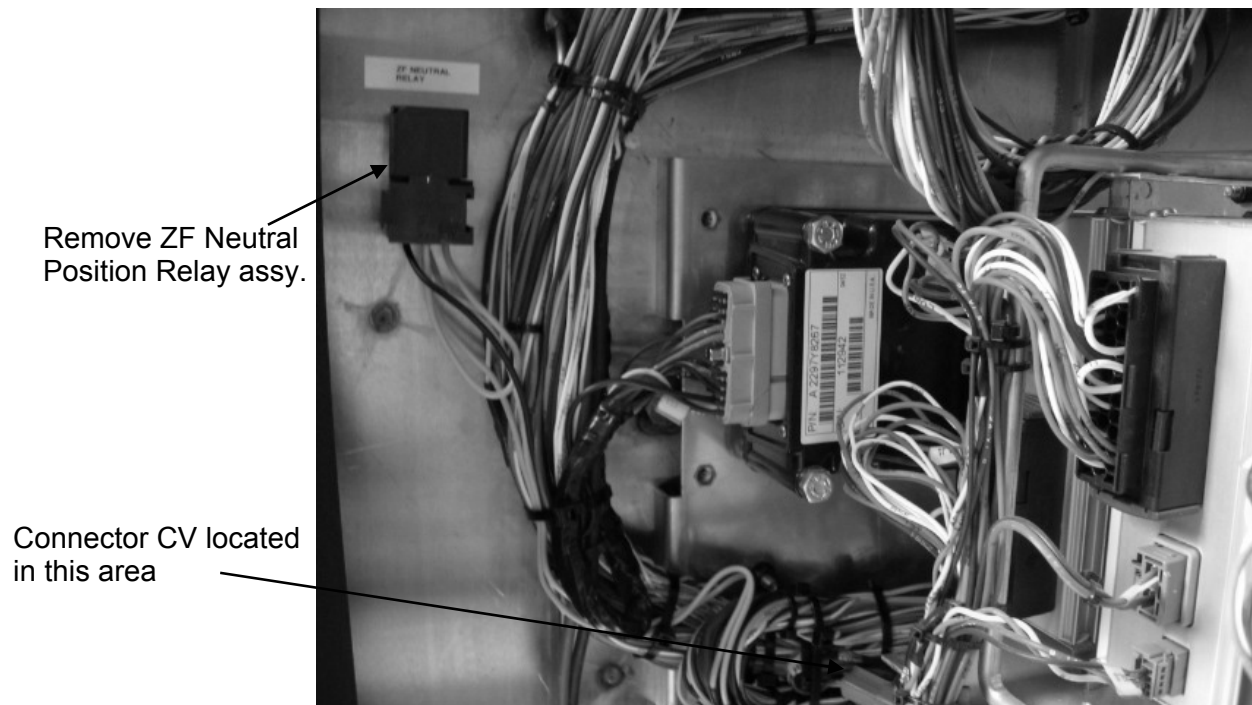
 <p><b>DANGER</b></p>
<p>Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.</p>

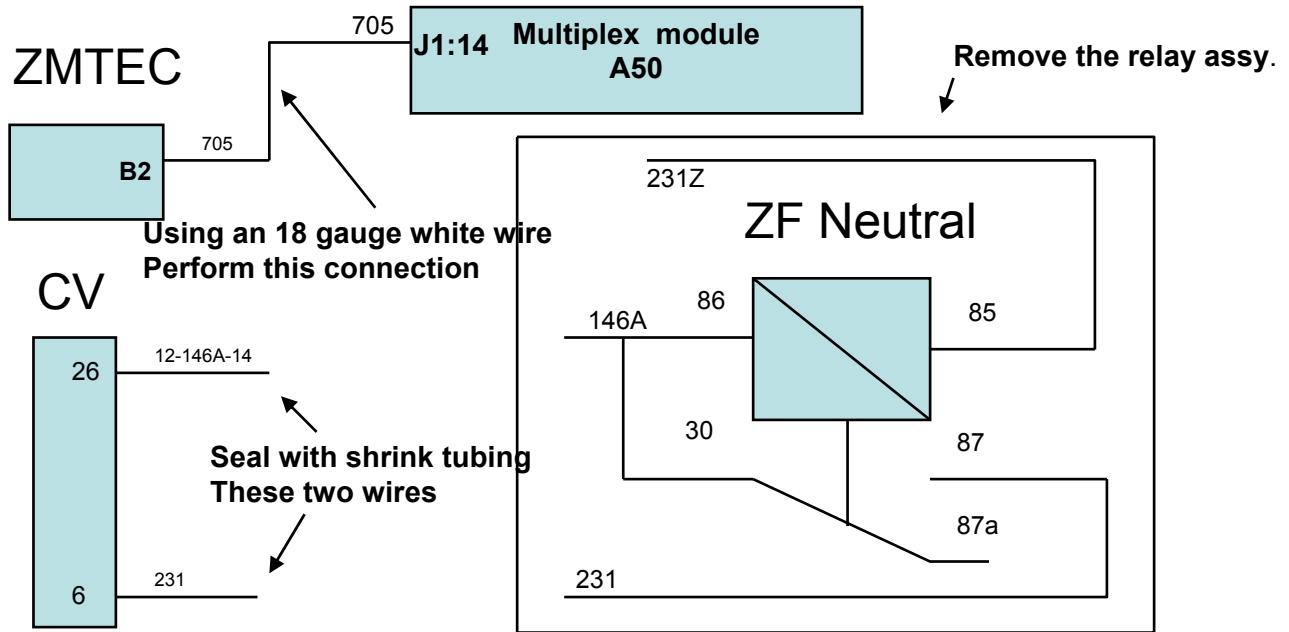
## CHECKING TO DO BEFORE PERFORMING PROCEDURE

1. Check program revisions using Message Center Display (MCD).  
System Diagnostics, Parts Number, Electrical System: should be version P03 or higher  
System Diagnostics, Parts Number, Transmission: should be C74536FS.  
If the downloaded programs are not the indicated versions, contact your nearest service center or service representative before performing modifications.
2. Check if neutral position relay was installed; if this is the case; perform steps described in part 1 of the procedure.
3. If neutral position relay is missing, check if wire 705 is connected into pin housing J1-14 of A50 multiplex module. **If wire is present, there are no modifications to make.** If wire is missing, perform steps described in part 2 of the procedure.



## PART 1: MULTIPLEX COACHES EQUIPPED WITH FORMER ZF NEUTRAL RELAY

1. Remove ZF neutral relay located in the main power compartment near the ZMTEC module.
2. Locate wires 146A and 231 located near connector CV.
3. Cut both wires going to the ZF neutral relay and isolate using heat shrink tubing.
4. Remove wire 231Z from pin housing B2 of the ZMTEC module.
5. Crimp a socket terminal  (561604) at one end of an 18 gauge white wire, insert socket terminal into pin housing B2 of the ZMTEC module; crimp a socket terminal  (562806) at the other end of the wire, insert socket terminal into pin housing J1-14 of A50 multiplex module. Label wire 705.
6. Locate pin housing 21 in connector C717 and remove wire 231Z, isolate using heat shrink tubing.
7. Locate pin housing 15 in connector C717 and remove wire 121Z, isolate using heat shrink tubing.
8. Download multiplex program version P03.

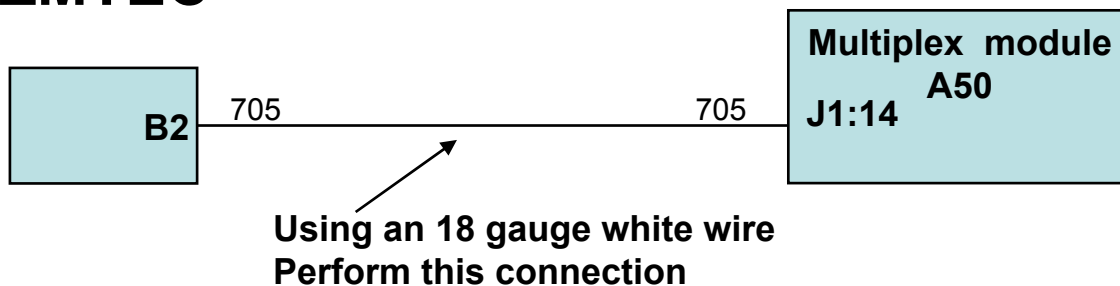




## PART 2: MULTIPLEX COACHES NOT EQUIPPED WITH ZF NEUTRAL RELAY

1. Crimp a socket terminal  (561604) at one end of an 18 gauge white wire, insert socket terminal into pin housing B2 of the ZMTEC module; crimp a socket terminal  (562806) at the other end of the wire, insert socket terminal into pin housing J1-14 of A50 multiplex module. Label wire 705.
2. Locate pin housing 21 in connector C717 and remove wire 231Z, isolate using heat shrink tubing.
3. Locate pin housing 15 in connector C717 and remove wire 121Z, isolate using heat shrink tubing.
4. Download multiplex program version P03.
5. Download ZF programs: P1 F74536FS.hex  
P2 C74536FS.hex

## ZMTEC



## **WARRANTY**

This modification is covered by Prevost Car's normal warranty. We will reimburse you one hour (1.0) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin 07-05".

### **Parts / Waste disposal:**

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)