



Service Bulletin No.1005

MODEL	: T2140 & T2145
TYPE	: Service information
MANUAL & SECTION	: Maintenance Manual: Chapter 9 - Electrical system
DATE	: November 14th, 1997
SUBJECT	: Front heater fresh air flap electrical circuit
CONDITIONS	: Service information only.

DESCRIPTION :

Effective with Van Hool Units No. 40003 (T2140 Cummins), 40501 (T2140 DD), 43003 (T2145 Cummins) and 43501 (T2145 DD) following changes have been made to the T2100 Series front heater fresh air flap electrical circuit.

PREVIOUS CIRCUIT

- Power source was +30
- Circuit breaker was No.Z132
- Instrument panel switch was S112 (make contact)

NEW CIRCUIT

- Power source is now +15
- Circuit breaker is now No.Z65
- Instrument panel switch is now S112 (break contact)

The changes have been made to prevent the front heater fan motor from turning when the master switch is inadvertently left "ON". Secondly, since the normal operating mode of the front heater fresh air flap is "open", it was deemed more logical to change the instrument panel switch to break contact when the use of recirculated air is needed.

Service Bulletins are issued to supplement or supersede information in the Van Hool manuals. Note Service Bulletin number, date and subject on the register at the end of the relevant chapter(s). File Service Bulletin separately for future reference.

CAUTIONS AND BASIC SAFETY RULES:

Disconnect batteries to prevent short circuits, electric shocks and sparking.

!!! CAUTION !!!

WHEN REMOVING OR INSTALLING BATTERY CABLES, ALWAYS REMOVE THE GROUND CABLE FIRST AND RECONNECT THE GROUND CABLE LAST.

SERVICE PROCEDURE:

!!! CAUTION !!!

USE SAFE SHOP PRACTICES AT ALL TIMES.

READ THE ENTIRE PROCEDURE BEFORE BEGINNING WORK.

Rewiring the circuit breaker boxes No.2,3 and 7

The circuit breakers are located in the right hand side main junction box, at the front of the luggage compartment.

1. Remove 8 amp circuit breaker Z132 from slot No.3 in circuit breaker box No.7.
2. Insert the circuit breaker in empty slot No.1 next to circuit breaker Z096 (circuit breaker box No.2).
3. Delete text "Z131" on label next to circuit breaker box No.7. Enter text "Z065" on label next to circuit breaker box No.2.
4. Remove the second connector from the back of circuit breaker box No.7 and remove the blue/green wire (see also Maintenance Manual, Chapter 9 under heading "Electric Connectors"). Put the connector back.

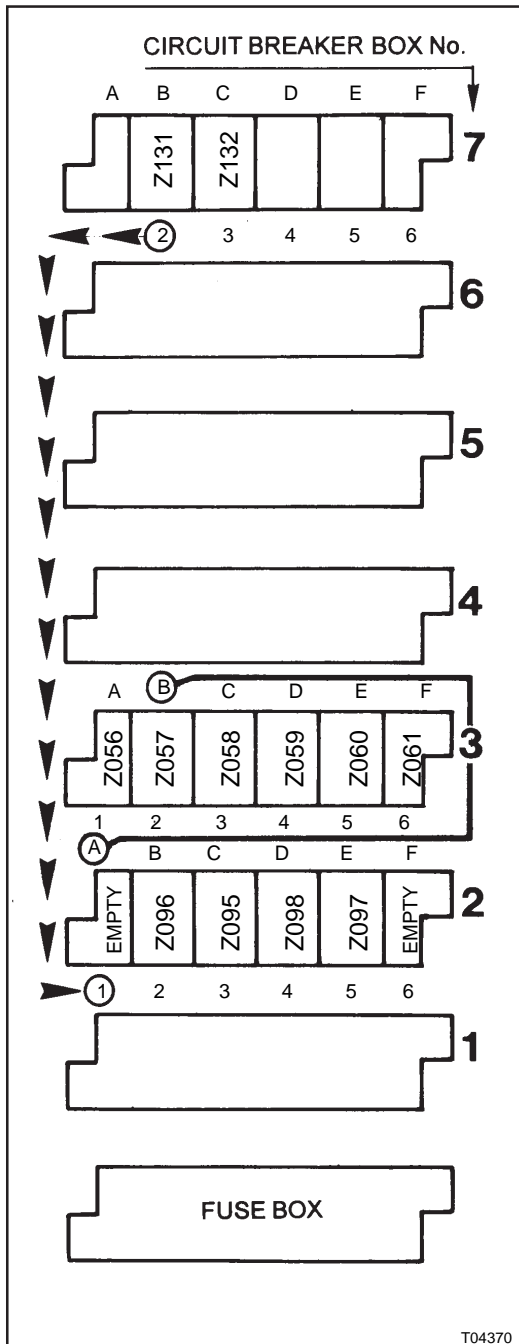


Figure 1: Right hand side main junction box

5. Remove the first connector from the back of circuit breaker box No.2. Put the terminal of the blue/green wire in slot No.1 of the connector. Install 5" of 16 AWG jumper wire in slot A. Put the connector back.
6. Remove the first connector from the back of circuit breaker box No.3. Put the terminal of the jumper wire in slot B of the connector. Put the connector back.

Rewiring connector of switch No.S112

The defroster fresh air intake switch is located on the instrument panel (see Operator's Guide Book, Section 2)

1. Dislodge the defroster fresh air intake switch, pull it out of the instrument panel and remove the connector.
2. Looking at the open end of the connector, remove the terminal of the yellow and blue wire from slot No.1 (see figure 2) and insert it in slot No.7.
3. Refit the connector to the switch and reinstall the switch. Reconnect the batteries.

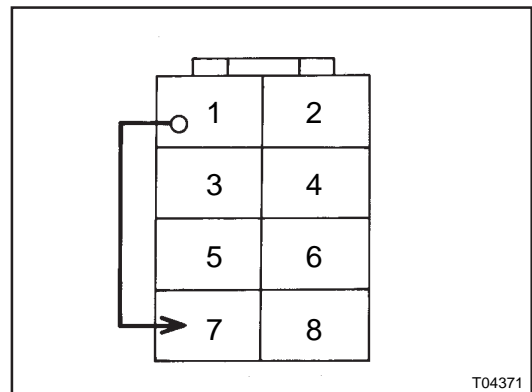


Figure 2: Terminal of switch S112

Procedure complete

