



# Service Bulletin No. 1052

**MODEL** : C2045

**TYPE** : Service information

**MANUAL &  
SECTION** : Refer to the Filing Procedure in this Bulletin

**DATE** : July 31<sup>st</sup>, 2000

**SUBJECT** : M457 Maintenance Manual, revision A

**CONDITIONS** : Service information only. Note that no claims will be accepted with reference to this Bulletin.

## **DESCRIPTION:**

Revision A of Van Hool manual M457 has been released for distribution to end-users. Refer to the summary in this Bulletin for the list of major amendments made to the M457 version. Refer to the filing instructions further in this Bulletin and use the accompanying revised sections to keep your C2045 reference book up-to-date.

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.

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## **REVISION A : LIST OF MAJOR AMENDMENTS MADE TO MAINTENANCE MANUAL M457**

### **Chapter 3 : Drive train**

- Section 3.1A : The procedure for draining and changing the fuel filter on Cummins engines has been revised (Page 3.1A-10).

### **Chapter 4 : Axles, wheels and tires**

- Section 4.1 : The wheel alignment specifications have been revised (page 4.1-1).
- Section 4.2 : Wheel alignment data have been added (page 4.2-1).
- Section 4.3 : The wheel alignment specifications have been revised (page 4.3-1).

### **Chapter 5 : Brakes**

- Section 5.8 : The resistance values of the ABS valve, the ASR valve and ABS/ASR sensors have been changed (pages 5.8-11, 5.8-12, and 5.8-13).

### **Chapter 7 : Steering**

- Section 7.2 : The service procedure "To overhaul intermediate steering lever assembly" has been omitted (pages 7.2-13, 7.2-14, and 7.2-15).
- The special tools necessary to overhaul the intermediate steering lever assembly have been omitted from the tools section (pages T7-3, T7- 4).

### **Chapter 9 : Electrical system**

- Section 9.1 : Drawings of the junction boxes and components have been added (pages 9.1-2 up to and including page 9.1-13).
- Section 9.2 : Fuses have been added between the batteries and the battery equalizer (page 9.2-3).
- Section 9.4 : The paragraph on the speedometer impulse sending unit has been omitted (page 9.4-5).
- Section 9.6 : A headlight aiming procedure has been added (page 9.6-1). A 24V DC external power source socket has been introduced (page 9.6-15).
- Section 9.7 : Fuses Z84, Z85 and Z05 have been added. Fuse Z10 and relay RL503 have been moved from the main junction box to the battery junction box (pages 9.7-1, 9.7-2, and 9.7-3).
- Section 9.8 : The Süttrak wire color code has been added (page 9.8-2).
- Section 9.9 : A new section on Controller Area Networks (CAN) has been introduced.

### **Chapter 10 : HVAC**

- Sections 10.3 up to and including section 10.9, and the section on tools have been revised completely.

*List complete.*

**FILING PROCEDURE :****To update C2045 Maintenance Manual M457 to M457A :**

REPLACE OBSOLETE...	BY NEW...
• Cover label (First edition), date 02/00	• Cover label (Revision A), date 06/00
• Section 3.1A, date 02/00	• Section 3.1A, date 03/00
• Table of contents chapter 4, date 02/00	• Table of contents chapter 4, date 04/00
• Section 4.1, date 02/00	• Section 4.1, date 04/00
• Section 4.2, date 02/00	• Section 4.2, date 04/00
• Section 4.3, date 02/00	• Section 4.3, date 04/00
• Section 5.8, date 11/99	• Section 5.8, date 06/00
• Table of contents chapter 7, date 02/00	• Table of contents chapter 7, date 06/00
• Section 7.2, date 02/00	• Section 7.2, date 06/00
• Special service tools chapter 7, date 02/00	• Special service tools chapter 7, date 06/00
• Table of contents chapter 9, date 02/00	• Table of contents chapter 9, date 04/00
• Section 9.1, date 11/99	• Section 9.1, date 04/00
• Section 9.2, date 02/00	• Section 9.2, date 03/00
• Section 9.4, date 11/99	• Section 9.4, date 03/00
• Section 9.6, date 02/00	• Section 9.6, date 03/00
• Section 9.7, date 02/00	• Section 9.7, date 03/00
• Section 9.8, date 02/00	• Section 9.8, date 03/00
• Table of contents chapter 10, date 02/00	• Table of contents chapter 10, date 06/00
• Section 10.3, date 02/00	• Section 10.3, date 06/00
• Section 10.4, date 02/00	• Section 10.4, date 06/00
• Section 10.5, date 02/00	• Section 10.5, date 06/00
• Section 10.6, date 02/00	• Section 10.6, date 06/00
• Section 10.7, date 02/00	• Section 10.7, date 06/00
• Section 10.8, date 02/00	• Section 10.8, date 06/00
• Section 10.9, date 02/00	• Section 10.9, date 06/00

INSERT NEW...	BEHIND...
• Section 9.9, date 03/00	• Section 9.8, date 03/00

*Filing procedure complete.*

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