



SERVICE BULLETIN No.1151

Addressees: ABC Customer Care and Parts Source

COACH MODEL	: T2140 & T2145
BULLETIN TYPE	: Service Information
MANUAL & SECTION	: Maintenance Manual: all sections
PARTS BOOK REVISION	: N/A
DATE	: September 7, 2004
SUBJECT	: M494 Maintenance Manual, revision A
TERMS & CONDITIONS	: No claims will be accepted with reference to this Bulletin.

APPLICATION:

The service information subject of this Bulletin is applicable to all Van Hool T2100 Series units.

DESCRIPTION:

Revision A of Van Hool manual M494 has been released for distribution to end-users. Refer to the summary on page 2/2 of this Bulletin for a list of major amendments, which have been made to the former edition of this manual. The new manuals will be made available to ABC Customer Care & Parts Source as per mutual agreement.

Service personnel: please read, initial and circulate.

Service Manager	Parts Manager	Warranty Administrator	Workshop Foreman	Service Technician

MAINTENANCE MANUAL #M494 - REVISION A:

Summary of major amendments made to former Maintenance Manual M494

- Section 2.1A:** • Detergent “P3-Grato 12” was “P3-Begesol” (page 2.1A-10)
- Section 2.1B:** • Detergent “P3-Grato 12” was “P3-Begesol” (page 2.1B-9)
- Section 3.1A:** • Reference under “To inspect air compressor” changed (page 3.1A-23)
- Section 3.1B:** • Reference under “To inspect air compressor” changed (page 3.1B-18)
• Pureguard filter added (page 3.1B-18)
- Section 3.3A:** • NEW! Section 3.3 is now divided into A and B.
• Section 3.3A “WT B500 automatic transmission (WTEC III)
- Section 3.3B:** • NEW! Section 3.3B “ZF Astronic transmission”
- Section 3.4:** • Caution added under “To check synthetic resin-coating” (page 3.4-2)
- Section 4.1:** • Wheel alignment specifications changed (page 4.1-1)
• Introduction of maintenance -free steering knuckle (pages 4.1-3, 4.1-4, 4.1-15 up to and including 4.1-22)
• “To check axial clearance between steering knuckle and carrier center” instructions added (page 4.1-4)
• “To install the articulation bushings” instructions changed (pages 4.1-24 and 4.1-25)
- Section 4.2:** • Completely revised
• Dana Service manual added in annexe
- Section 4.3:** • Wheel alignment specifications changed (pages 4.3-1 and 4.3-3)
• Exploded view of tag axle end added (page 4.3-2)
• Tightening torque under “To install the spindle in the hub carrier” changed (page 4.3-6)
- Tool 4:** • Tools for maintenance-free steering knuckle and drive axle added (all pages)
- Section 5.0:** • Instructions about hose maintenance added (page 5.0-3)
• Air brake system functional check added (page 5.0-4)
• Instructions about foot brake valve operating mechanism added (page 5.0-7)
- Section 5.1:** • Under “Specifications”: “Ferodo 4568” brake lining added (page 5.1-1)
• Under “To check run-out of brake disc”: 1.38 inches was 1.8 inches; 0.006 inches was 0.06 inches (page 5.1-3)
• Under “To check caliper sliding system”: 0.118 inches was 0.1 inches; 0.079 inches was 0.06 inches (page 5.1-6)
- Section 5.2:** • Brake chamber overhaul instructions added (pages 5.2-1)
- Section 5.3:** • Under “Specifications”: “Ferodo 4568” brake lining added (page 5.3-1)
- Section 5.4:** • Brake chamber information added (page 5.4-1)
• Air valve information added (page 5.4-4)
- Section 5.6:** • Brake chamber overhaul instructions added (pages 5.6-1)

- Section 5.8:** • Information about “Toolbox software” diagnostic tool added (pages 5.8-5)
- Tool 5:** • Van Hool ordering numbers added to tools
- Section 6.0:** • Air supply with Haldex air dryer added (page 6.0-3)
- Section 6.1:** • Completely revised (page 6.1-1)
- Section 6.3A:** • New! Section 6.3 is now divided into A and B.
• Section 6.3A “CR brakemaster air dryer”
- Section 6.3B:** • New! Section 6.3B “Haldex air dryer”
- Section 7.1:** • Completely revised
- Section 7.2:** • Completely revised
- Section 8.1:** • Note under “Tag axle unloading valve” added (page 8.1-8)
- Section 8.2:** • Tightening torque 3 of Figure 6 changed (page 8.2-4)
- Section 10.1:** • Completely revised
- Section 10.3:** • Completely revised
- Section 10.4:** • Completely revised
- Section 10.5:** • Completely revised (Van Hool)
• Proheat M Series Service Manual added in annexe
- Section 10.6:** • Completely revised
- Section 10.7:** • Completely revised
- Section 10.8:** • Completely revised
- Section 10.9:** • Completely revised
- Tool 10:** • Completely revised
- Section 12.1:** • Completely revised
- Section 12.2:** • Completely revised
- Section 12.3:** • Completely revised

Summary complete.

SERVICE INFORMATION:

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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