

## CARE INSPECTION

Inspection Report  
All Articulated Haulers

|               |            |                 |               |               |              |
|---------------|------------|-----------------|---------------|---------------|--------------|
| Machine Model | Serial No. | Operating hours | Equipment No. | Delivery Date | page<br>1(5) |
| Owner         |            | Dealer          |               | Date          |              |
| Contact Name  |            | Mechanic        |               | Work Order    |              |

## Foreword

The Care Inspection "Inspection Report" is a check list to document and report the results of a completed Care Inspection on the machine. All completed "Inspection Reports" must be kept on file by the relevant Volvo dealer.

A Care Inspection has two levels, the CSR inspection and the technician inspection.

- The CSR inspection is used by the Customer Support Representative (CSR) and is a short basic inspection that can be performed without any tools.
- The Technician Inspection is a more comprehensive inspection and should be performed by a trained Volvo technician.

**NOTE!**

Always refer to the latest service and operator's information for correct procedures and specifications. Read and understand the safety instructions in the Operator's and Service Manuals for the machine.

Observe the regional and national regulations!

| Inspection steps                                         | Performed                |                          | Result and Notes                          |
|----------------------------------------------------------|--------------------------|--------------------------|-------------------------------------------|
|                                                          | CSR Inspection           | Technician Inspection    | A = OK<br>B = Recommended<br>C = Required |
| <b>0 General</b>                                         |                          |                          |                                           |
| <b>0.1 Gather existing machine information</b>           |                          |                          |                                           |
| 0.1.1 Product plates, checking                           | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 0.1.2 Service history, checking                          | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 0.1.3 Oil analysis, checking                             | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 0.1.4 MATRIS, Tech Tool and other service tools, reading |                          | <input type="checkbox"/> |                                           |
| <b>0.2 Check fluid levels</b>                            |                          |                          |                                           |
| 0.2.1 Engine oil level, checking                         | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 0.2.2 Coolant level, checking                            | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 0.2.3 Transmission oil level, checking                   | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 0.2.4 Hydraulic oil level, checking                      | <input type="checkbox"/> | <input type="checkbox"/> |                                           |



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| Inspection steps                                                                   | Performed                |                          | Result and Notes<br>A = OK<br>B = Recommended<br>C = Required |
|------------------------------------------------------------------------------------|--------------------------|--------------------------|---------------------------------------------------------------|
|                                                                                    | CSR<br>Inspection        | Technician<br>Inspection |                                                               |
| 0.2.5 Brake fluid level, checking (if applicable)                                  | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.2.6 Brake cooling oil level, checking (if applicable)                            | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.2.7 Dropbox oil level, checking                                                  |                          | <input type="checkbox"/> |                                                               |
| 0.2.8 Axle oil level, checking                                                     |                          | <input type="checkbox"/> |                                                               |
| 0.2.9 Axle hub oil level, checking (if applicable)                                 |                          | <input type="checkbox"/> |                                                               |
| 0.2.10 Exhaust Aftertreatment System, Air pump oil level, checking (if applicable) |                          | <input type="checkbox"/> |                                                               |
| <b>0.3 Visual checks</b>                                                           | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.1 Leakage, checking                                                            | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.2 Pipes and hoses, checking                                                    | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.3 Cracks, welds, missing, damaged or worn parts, checking                      | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.4 Machine guards, checking                                                     | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.5 Decals, checking                                                             | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.6 Access points, checking                                                      | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.7 Safety equipment, checking                                                   | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.8 Manuals, checking                                                            | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.9 Bolted joints, checking                                                      | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 0.3.10 Machine conformity, checking                                                |                          | <input type="checkbox"/> |                                                               |
| <b>1 Standard Parts, Service</b>                                                   |                          |                          |                                                               |
| 1.1 Test run and check                                                             | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 1.2 Lights, checking                                                               | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 1.3 Lubrication, checking                                                          |                          | <input type="checkbox"/> |                                                               |
| <b>2 Engine</b>                                                                    |                          |                          |                                                               |
| 2.1 Engine, checking                                                               | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 2.2 Engine speed, checking                                                         | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 2.3 Coolers, checking                                                              | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 2.4 Air cleaner, checking                                                          | <input type="checkbox"/> | <input type="checkbox"/> |                                                               |
| 2.5 Engine stall speed, checking                                                   |                          | <input type="checkbox"/> |                                                               |
| 2.6 Coolant freezing point, checking                                               |                          | <input type="checkbox"/> |                                                               |

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| Inspection steps                                                  | Performed                |                          | Result and Notes                          |
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|                                                                   | CSR<br>Inspection        | Technician<br>Inspection | A = OK<br>B = Recommended<br>C = Required |
| 2.7 Exhaust system, checking                                      |                          | <input type="checkbox"/> |                                           |
| 2.8 Belt condition, checking                                      |                          | <input type="checkbox"/> |                                           |
| 2.9 Air cleaner, checking (Optional equipment)                    |                          | <input type="checkbox"/> |                                           |
| 2.10 Cooling fan, checking (Intercooler (charge air cooler))      |                          | <input type="checkbox"/> |                                           |
| 2.11 Cooling fan, checking (radiator)                             |                          | <input type="checkbox"/> |                                           |
| 2.12 Engine performance, checking                                 |                          | <input type="checkbox"/> |                                           |
| <b>3 Electrical system</b>                                        |                          |                          |                                           |
| 3.1 Battery electrolyte level, checking (if applicable)           | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 3.2 Wiring harnesses, checking                                    | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 3.3 Switches and solenoids, checking                              | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 3.4 Battery, checking                                             |                          | <input type="checkbox"/> |                                           |
| <b>4 Power transmission</b>                                       |                          |                          |                                           |
| 4.1 Gear selector positions and automatic gear shifting, checking | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 4.2 Differential lock and six-wheel drive, checking               | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 4.3 Transmission, checking                                        | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 4.4 Dropbox, checking                                             | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 4.5 Drive axles, checking                                         | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 4.6 Transmission oil pressure, checking                           |                          | <input type="checkbox"/> |                                           |
| 4.7 Propeller shafts joints and splines joints, checking          |                          | <input type="checkbox"/> |                                           |
| <b>5 Brakes</b>                                                   |                          |                          |                                           |
| 5.1 Parking brake, checking                                       | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 5.2 Service brakes function, checking                             | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 5.3 Retarder, checking (if applicable)                            | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 5.4 Service brake, brake pads, checking(if applicable)            |                          | <input type="checkbox"/> |                                           |
| 5.5 Brake discs, checking (if applicable)                         |                          | <input type="checkbox"/> |                                           |
| 5.6 Parking brake pads, checking                                  |                          | <input type="checkbox"/> |                                           |
| <b>6 Steering</b>                                                 |                          |                          |                                           |

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| Inspection steps                                               |                                                    | Performed                |                          | Result and Notes                          |
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|                                                                |                                                    | CSR<br>Inspection        | Technician<br>Inspection | A = OK<br>B = Recommended<br>C = Required |
| 6.1                                                            | Steering, checking                                 | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 6.2                                                            | Steering cylinders, checking                       | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 6.3                                                            | Secondary steering, checking                       | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| <b>7 Frame, suspension, axle suspension and tyre, checking</b> |                                                    |                          |                          |                                           |
| 7.1                                                            | Tyres, checking                                    | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 7.2                                                            | Load carrier rubber cushions, checking             |                          | <input type="checkbox"/> |                                           |
| 7.3                                                            | Frame joint bearings, checking                     |                          | <input type="checkbox"/> |                                           |
| 7.4                                                            | Steering joint bearings, checking                  |                          | <input type="checkbox"/> |                                           |
| 7.5                                                            | Shock absorbers, checking                          |                          | <input type="checkbox"/> |                                           |
| 7.6                                                            | HS-, FS- or GHS-cylinders, checking                |                          | <input type="checkbox"/> |                                           |
| 7.7                                                            | Boogie beams, checking                             |                          | <input type="checkbox"/> |                                           |
| 7.8                                                            | A-frame and cross stay, checking                   |                          | <input type="checkbox"/> |                                           |
| <b>8 Cab</b>                                                   |                                                    |                          |                          |                                           |
| 8.1                                                            | Operator's seat, checking                          | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 8.2                                                            | Instructor's seat, checking                        | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 8.3                                                            | Seat belts, checking                               | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 8.4                                                            | Climate control system, checking                   | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 8.5                                                            | Cab doors and windows, checking                    | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 8.6                                                            | Cab filters, checking                              | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 8.7                                                            | Cab mounts, checking                               | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| <b>9 Hydraulic system</b>                                      |                                                    |                          |                          |                                           |
| 9.1                                                            | Tipping function, checking                         | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 9.2                                                            | Exhaust heated load body, checking (if applicable) | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 9.3                                                            | Tailgate, checking (if applicable)                 | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 9.4                                                            | Load weighing, checking (if applicable)            | <input type="checkbox"/> | <input type="checkbox"/> |                                           |
| 9.5                                                            | Hydraulic pumps/system, checking                   |                          | <input type="checkbox"/> |                                           |
| 9.6                                                            | Hydraulic hoses, checking                          |                          | <input type="checkbox"/> |                                           |

VOLVO CONSTRUCTION EQUIPMENT

CARE INSPECTION

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