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| **Information on adjustments** |
| **KDI 1903 M-MP Workshop manual (Rev.02.2)** |



Sommario

[1. TITOLO 1 2](#_Toc495648770)

[1.1. Asdfsdfsdf 2](#_Toc495648771)

[1.2. Asdfsdfsdfggg 2](#_Toc495648772)

# Information on adjustments

## Rubber hose and manifold control

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| Z_importante.jpg  **Important**  * Before proceeding with operation, read  [**Par. 3.3.2**](https://iservice.lombardini.it/jsp/Template2/manuale.jsp?id=834&parent=1614) .
 |   |
| The check is carried out by applying slight deflection or bending along the tube/hose and next to the hose clamps.Components must be replaced if they have clear signs of cracks, tears, cuts, leaks, or do not retain a certain degree of elasticity.
1. Check the condition of all rubber hoses **A,** **B1, B2, B3, B4 and C** .
 | 11.1.jpg**Fig. 11.1** |

## Oil leak check

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| Check that there are no leakages next to area **A** .1. Start the engine at idle speed or without a load and check whether there are any leakages next to area  **A.**

1. It is anyhow necessary to also check the seals of all main components and their surface contact, such as:- crankcase and oil seal (side 1 a PTO) - oil sump and exhaust caps

- cylinder head and its assembled components

- rocker arm cover

- Timing system carter and oil seal (side 2 a PTO) - oil dipstick housing or rod support tube.
  **NOTE:** Perform the checks described in **Points 1 and 2** periodically and during maintenance procedures.It is also necessary to check for leakages on the components that are not listed.If necessary, disassemble the components that have a leakage and investigate the possible cause.
The components must be replaced otherwise they do notguarantee their sealing. | 11.2.jpg**Fig 11.2**  11.3.jpg**Fig 11.3** |

## Oil pressure check

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| 1. Insert a thermocouple instead of the oil dipstick **A** .

 1. Unscrew and remove the oil pressure switch **B** and screw on a 10 bar pressure gauge in its seat **(Fig. 11.6)** .

1. Start the engine at idle speed and without a load, check the oil pressure value according to the oil temperature **(Fig. 11.5** ).

**NOTE** : The graph in **Fig.** **11.5** illustrates the pressure line with speed of 1000 Rpm.1. If the pressure values are below the values indicated in **Fig.** **11.5** , check to identify the cause of the problem.

11.5.jpg**Fig.** **11.5** | 11.4.jpg**Fig.** **11.4**11.6.jpg**Fig.** **11.6** |

