

NEWS

KUD 2012-20
03.08.2012



*Confidential –
not for general distribution*

Hako- Citymaster 1250 Replacing the screw-in plugs with screw-in nozzles in solenoid valve Y11, differential lock Hako Spare Parts Number 01168090

Equipment affected:

all Hako-Citymaster 1250 Comfort (1433.22) models with the differential lock option (1441.02), up to machine number 1433 22 2 0025 4

all Hako-Citymaster 1250 C Classic models (1433.31) up to machine number 1433 31 2 0007 3

all Hako-Citymaster 1250 C Comfort models (1433.32) up to machine number 1433 32 2 0034 3

Note: The Hako-Citymaster 1250 C is equipped with a differential lock as a standard measure.

All Hako-Citymaster 1250 models supplied after 06.07 2012 have been retrofitted to comply with the latest standards at the factory!

Dear Business Partners,

Reports have been received from the field indicating that the driving performance of the new Hako-Citymaster 1250 models has proved unsatisfactory. Losses of performance and even vehicle stoppages have occurred, particularly cases where the differential lock had to be used (when reversing, for example).

This problem can be completely solved by installing a screw-in nozzle.

To do this, the screw-in plug currently fitted must be disassembled. The new screw-in nozzle must then be installed (Hako spare part number 01168090).

The screw-in nozzle must be installed on the rear side of the differential lock solenoid valve Y11. Installation must be completed from under the vehicle (refer to the assembly instructions in the Enclosure).

The time required for the retrofit is approx. 1.5 hours. The retrofitting work can be completed within the scope of the next service or repairs.

Remuneration:

- a) Authorized dealers, Germany and abroad (all partners):
€ 51.00 flat-rate per individual case, plus material; fill in guarantee application form with all the necessary data and send to Hako-Werke Bad Oldesloe.
- b) Hako branches: € 51 flat-rate per individual case plus material using the internal order no. 600960

Best regards

Hako-Werke GmbH
Customer Support

pp. Christian Büsing

Enclosure: Assembly Instructions

Hako-Citymaster 1250

In the case of traction problems, replace the plug with a screw-in nozzle
B M100.8 D - 100220353 with bore



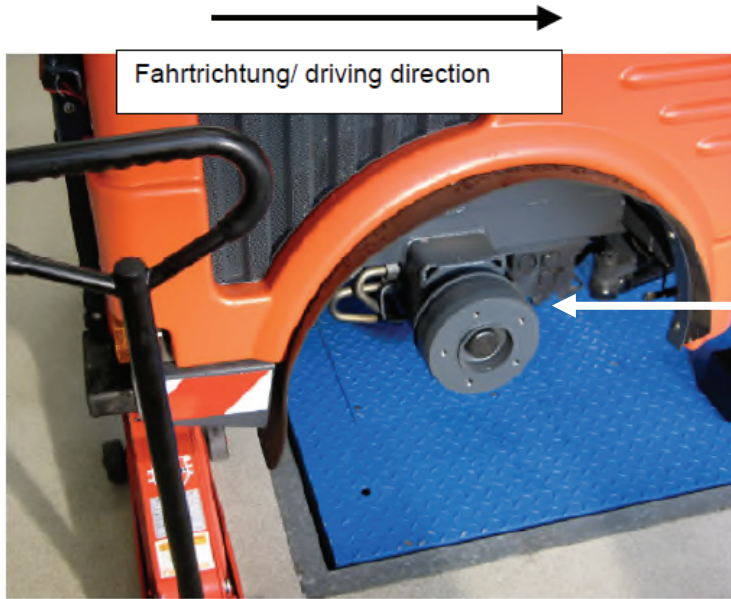
Fix the locking latch on the locking bolt.



**Raise the vehicle on the left-hand side using a jack.
Disassemble the rear left wheel.
Prop up the vehicle under the wheel drive using a suitable jack
stand.**

Hako-Citymaster 1250

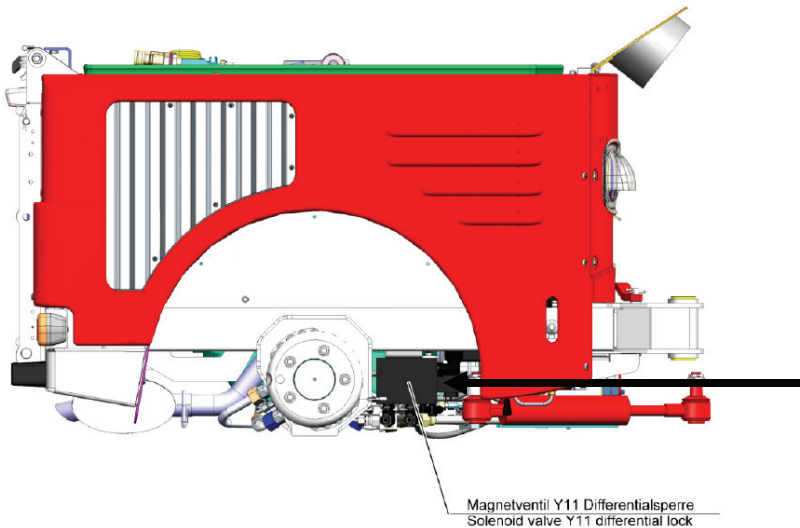
In the case of traction problems, replace the plug with a screw-in nozzle
B M100,8 D - 100220353 with bore



Solenoid valve Y11, differential lock;

View of the vehicle from outside

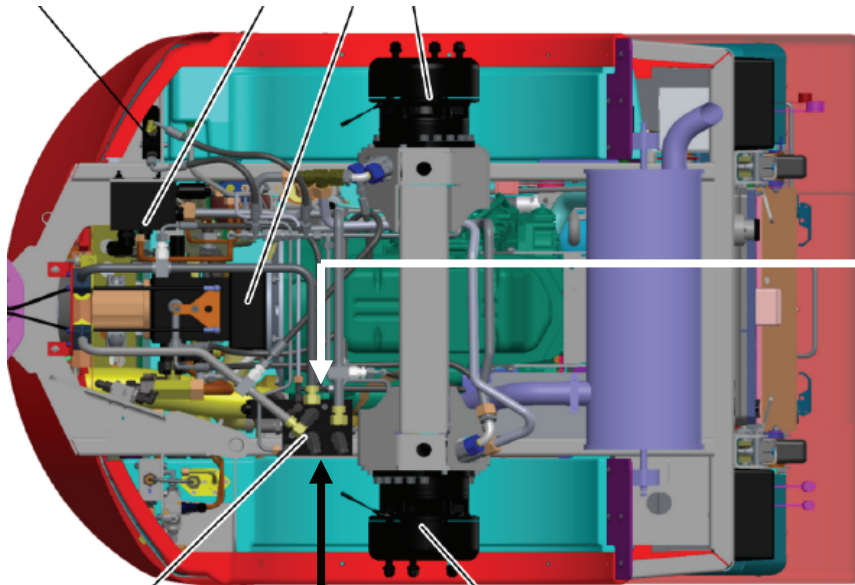
(Front of the solenoid valve Y11)



Solenoid valve Y11, differential lock;

View of the vehicle from outside
(Front of the solenoid valve Y11)

Magnetventil Y11 Differentialsperre
Solenoid valve Y11 differential lock



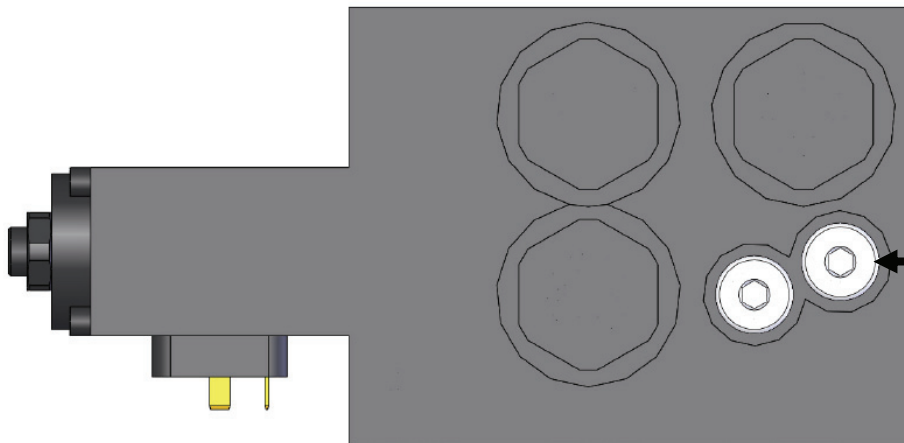
Magnetventil Y11 Differentialsperre
Solenoid valve Y11 differential lock

Installation location of the closure plug and screw-in plug
in the solenoid valve Y11, differential lock;

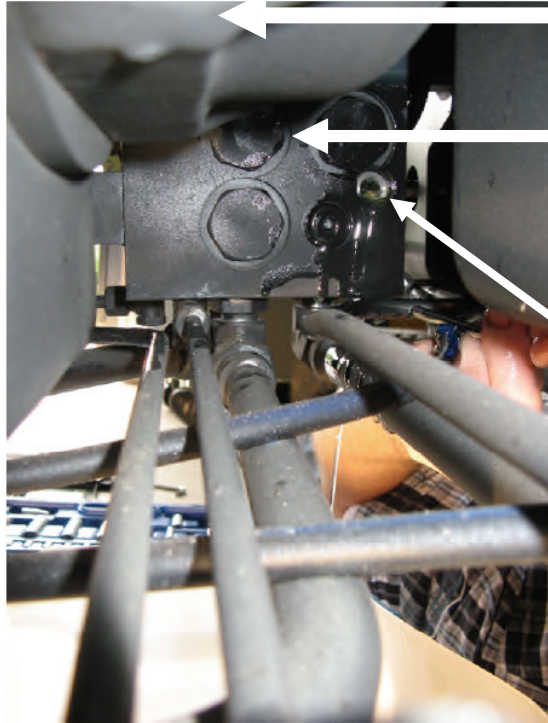
View of the vehicle from below

Unscrew the screw-in plug using an Allen key, a/f 6.
Then unscrew the plug underneath using an Allen
key, a/f 5.

Note:
Use an extension to loosen the plug.



View of the solenoid valve Y11 differential lock
from inside the machine (rear side of the solenoid
valve Y11)



Fahrtrichtung / Driving direction

Solenoid valve Y11, differential lock; view of the solenoid valve Y11, differential lock from inside of machine

Unscrew the screw-in plug using an Allen key, a/f 6.
Then unscrew the plug underneath using an Allen key, a/f 5.

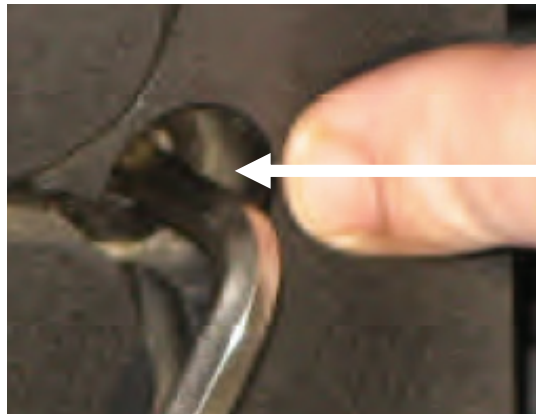
Note:

The length of the short side should not exceed 20 mm. If only a standard Allen key is available, it must be shortened.

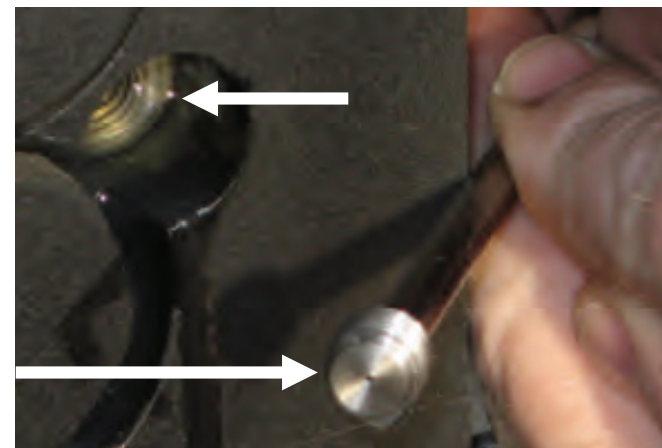
Screw in the screw-in nozzle with a 0.8 mm bore and tighten at 20 Nm (Allen key a/f 5)
Reinstall the screw-in plug (Allen key a/f 6)



Clear up any oil which has escaped. Then complete a function and leak test .



Unscrew screw-in plug.



Screw in the nozzle with 0.8 mm bore (20 Nm)

Clear up any oil which has escaped.

Replace the rear wheel and tighten at 130 Nm.

Remove the jack stand.

Lower the vehicle.

Then complete a function and leak test, i.e. drive the Citymaster 1250 forwards and backwards in work mode with the differential lock activated.