



As from serial number 200905001, several updates are implemented on DM 230

The production is now released, and the start of delivery will take place from CW 7.

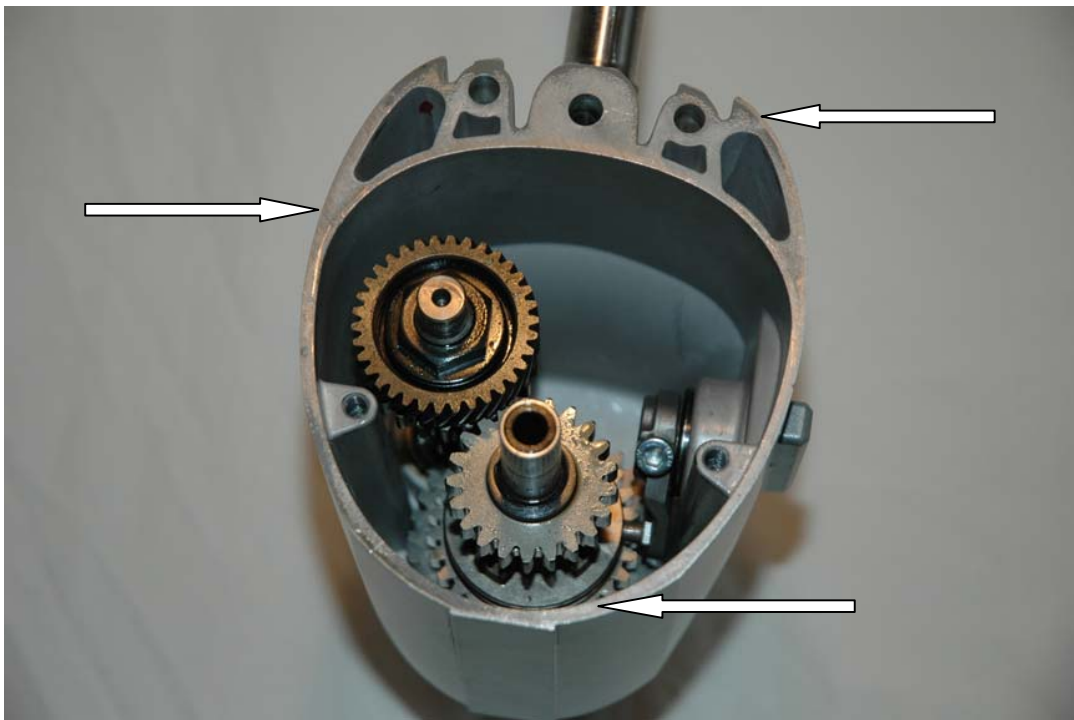
In this Service bulletin, the major changes are described.

- 1. Oil leakage.**
- 2. Slip clutch.**
- 3. The upper gear wheel on the intermediate shaft.**
- 4. Gear shift.**
- 5. Carbon brushes.**
- 6. Water connection.**
- 7. Rotor**
- 8. Production**
- 9. IPL**
- 10. Warranty**

1. Oil leakage.

The Gear housing (544 11 20-01) surface, which meets the Cover (544 12 50-01), has been extra machined.

This is done to improve the function of the sealing (510 18 04-01), and prevent oil leakage.



2. Slip clutch.

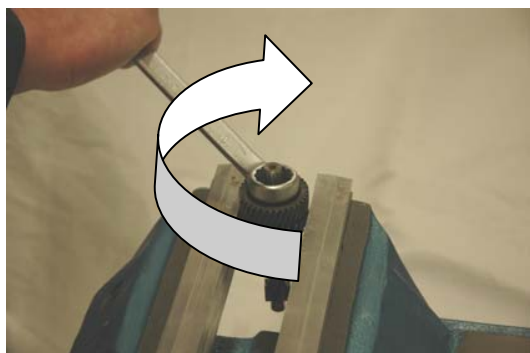
There is a new routine for slip clutch adjustment.

When you are adjusting the slip clutch torque, first tighten the nut to the mechanical stop. Then go back 45°. Now the clutch should slip at a minimum torque of 17 Nm (15 Nm or 11 lbf/ft in USA). If not, replace the spring and friction washers. These can be ordered in a complete kit.

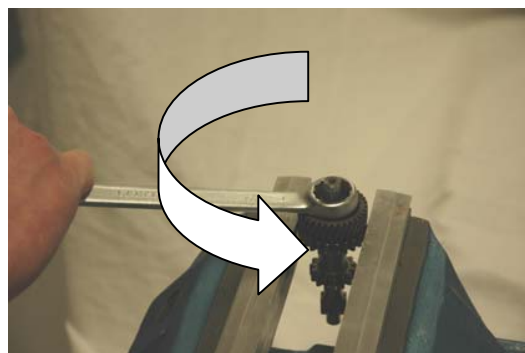
Kit Wear Parts. Part No. 525 40 20-01.

If the torque was higher, adjust to the correct figure.

Instructions how to check the torque in the Workshop Manual DM230, will be updated.



Tighten the nut to the mechanical stop.



Go back 45°.



Check the torque. If it less then 17 Nm (15 Nm USA), replace the Kit Wear Parts.



If the torque is higher, you need to adjust to the correct figure.

3. The upper gear wheel on the intermediate shaft.

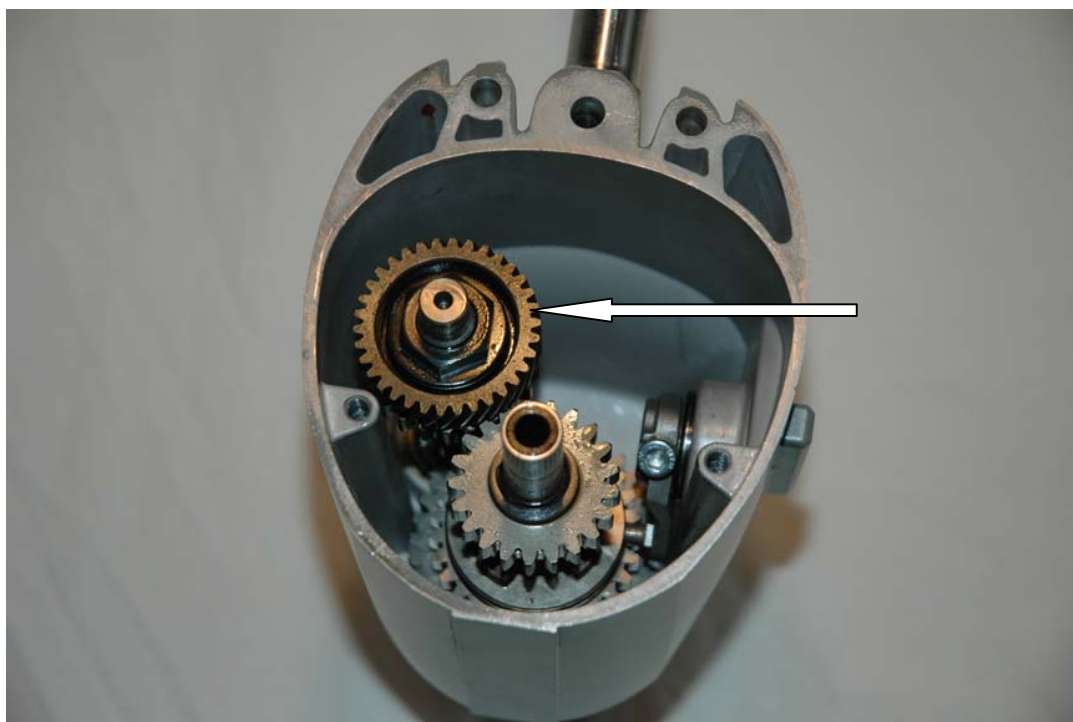
The old gear wheel and its bushing were sold in a kit.

Gear Wheel Assy. Part No. 504 57 11-01.

This gear wheel is now improved.

The new kit has Part No. 504 57 11-02.

This modification is fully backward compatible.



Description	Old Part No.	New Part No.
Gear wheel assy	504 57 11-01	504 57 11-02

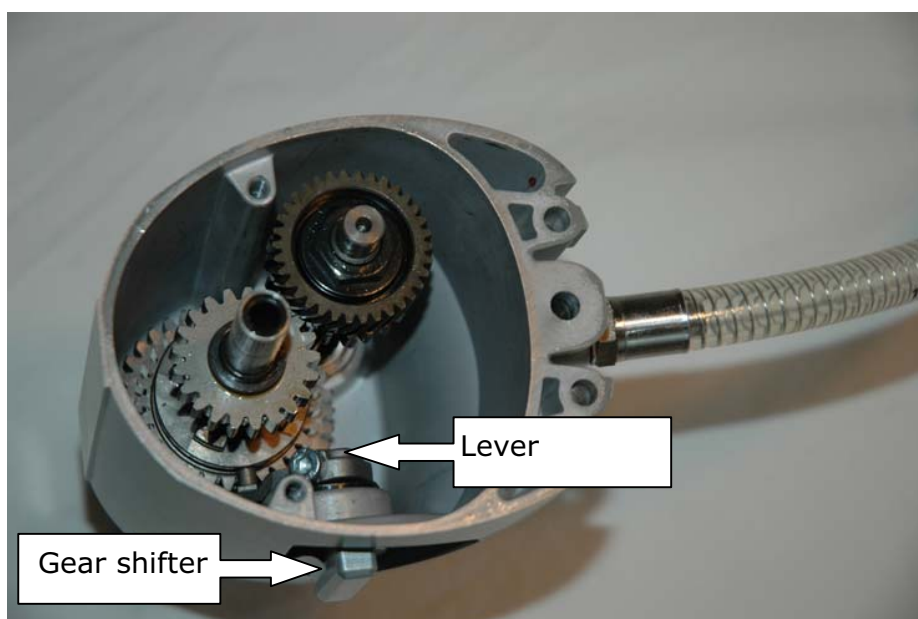
The new gear wheel is punched with the part no. This is to avoid mix up with previous version

4. Gear shift.

The lever has a new stronger design. The new lever is not compatible with the old gear shifter. Therefore, they are only sold as a complete kit.

Lever Assy, Part No. 525 40 14-01.

The kit is compatible with all old gear houses.



Not active parts

Description	Part No.
Lever	544 12 99-01
Screw	728 73 25-00
Spring	501 00 28-01
Gear shift lever assy	505 57 58-01
O-ring	740 44 04-00

Replaced with

Description	Part No.
Lever assy	525 40 14-01

5. Carbon brushes.

When replacing the carbon brush, the copper wire can easily be placed in a wrong position. This might prevent the carbon brush to move correctly in the holder. It is important to check that the carbon brush can move freely.



Correct



Faulty

6. Water connection.

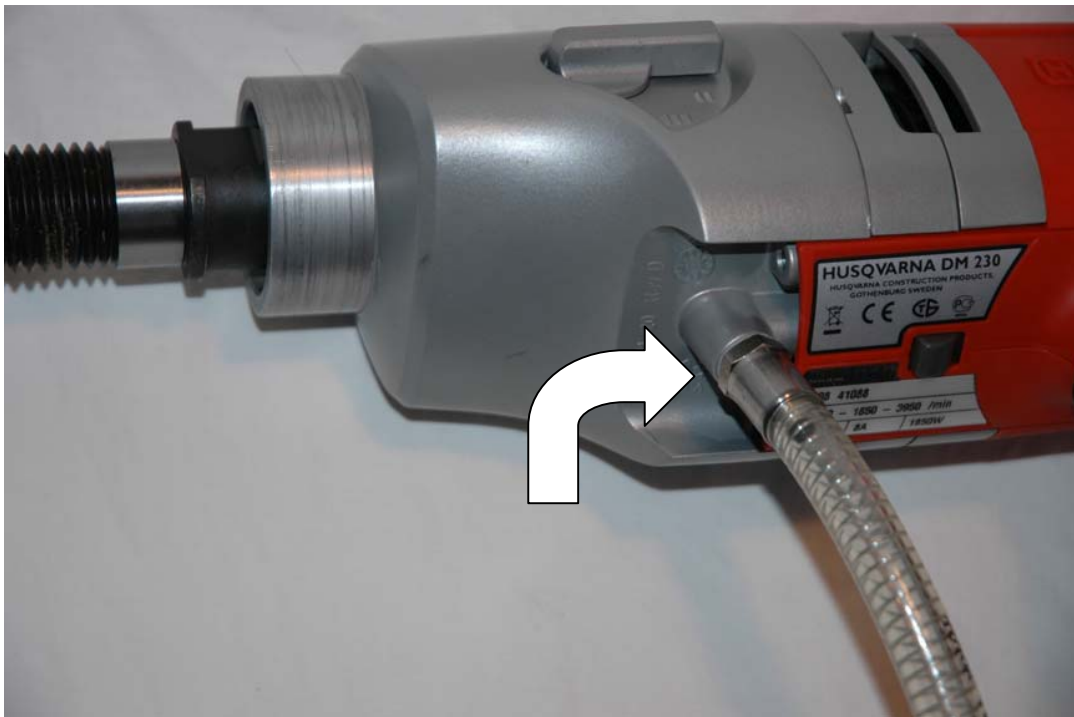
Changes on the water connection to the Gear housing (544 11 20-01).

The washer between the gear housing and water house is no longer used.

Two different washers have been used.

The fibre washer (531 07 42-60) or aluminum gasket (525 33 97-01)

Today the water connection is sealed with Loctite 243.



7. Rotor

The diameter of the rotor has decreased 0,3 mm.
This is to avoid risk of contact with stator.

8. Production

We have now implemented changes in the production process.
As an example, the final testing of the units now cover a complete pressurizing test,
which will be made to find all water and oil leaking issues.
A full load test is also done.

9. IPL

The new IPL is now available and updated with all changes.
Please check for the latest version (505 47 47-03) on the support site.
This IPL cover all versions of DM 230

10. Warranty

These changes are introduced as from serial number 200905001.
All old DM 230, still on stock, should be returned to Jonsered, and claimed under
warranty.
Any unclear warranty matters, or when replacing a complete machine, respective Area
service manager should be contacted.

Return address:

Husqvarna Construction Products
Att: Niklas Mattsson, Dept. CES
Jons väg 19
SE-433 81 Jonsered
Sweden