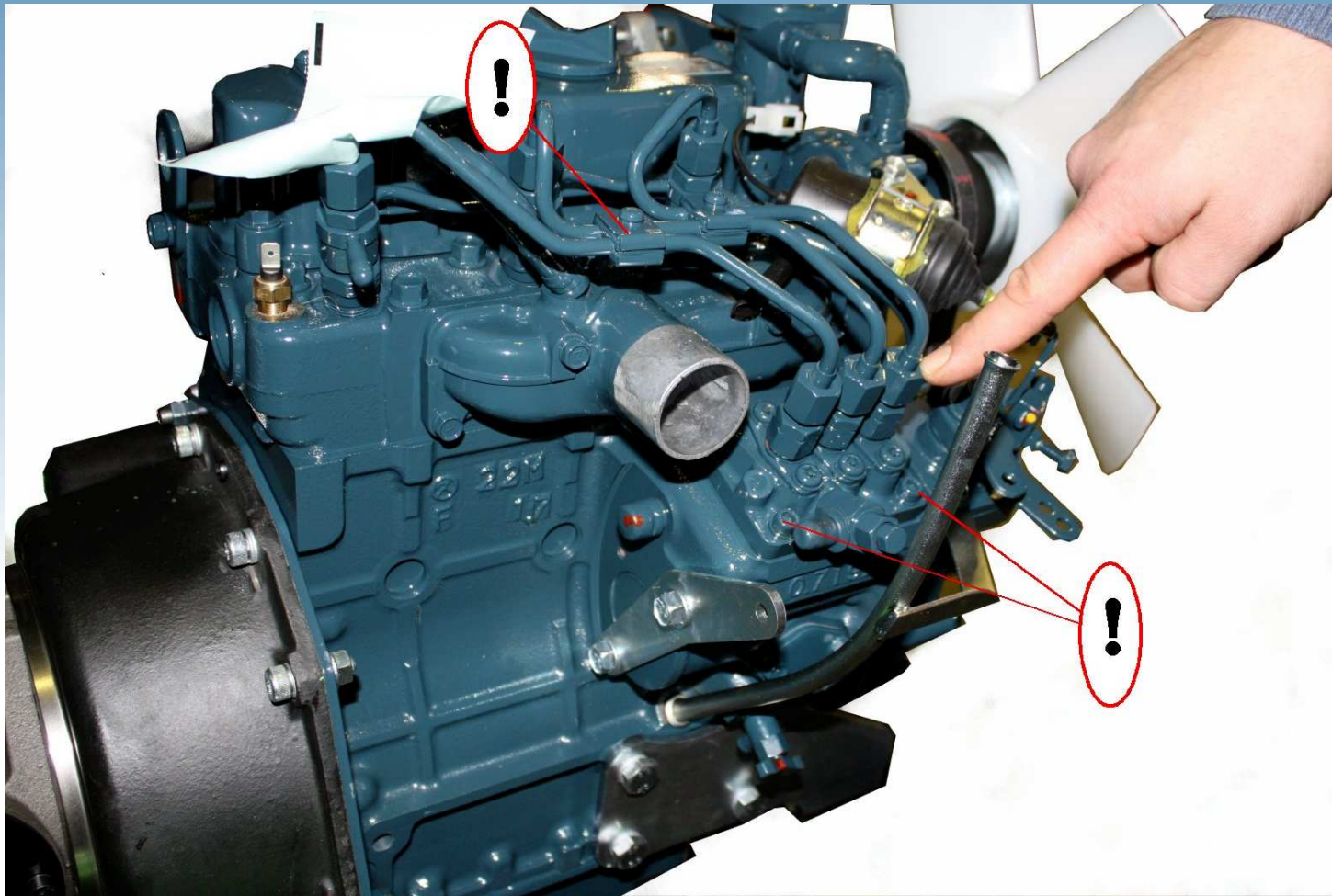
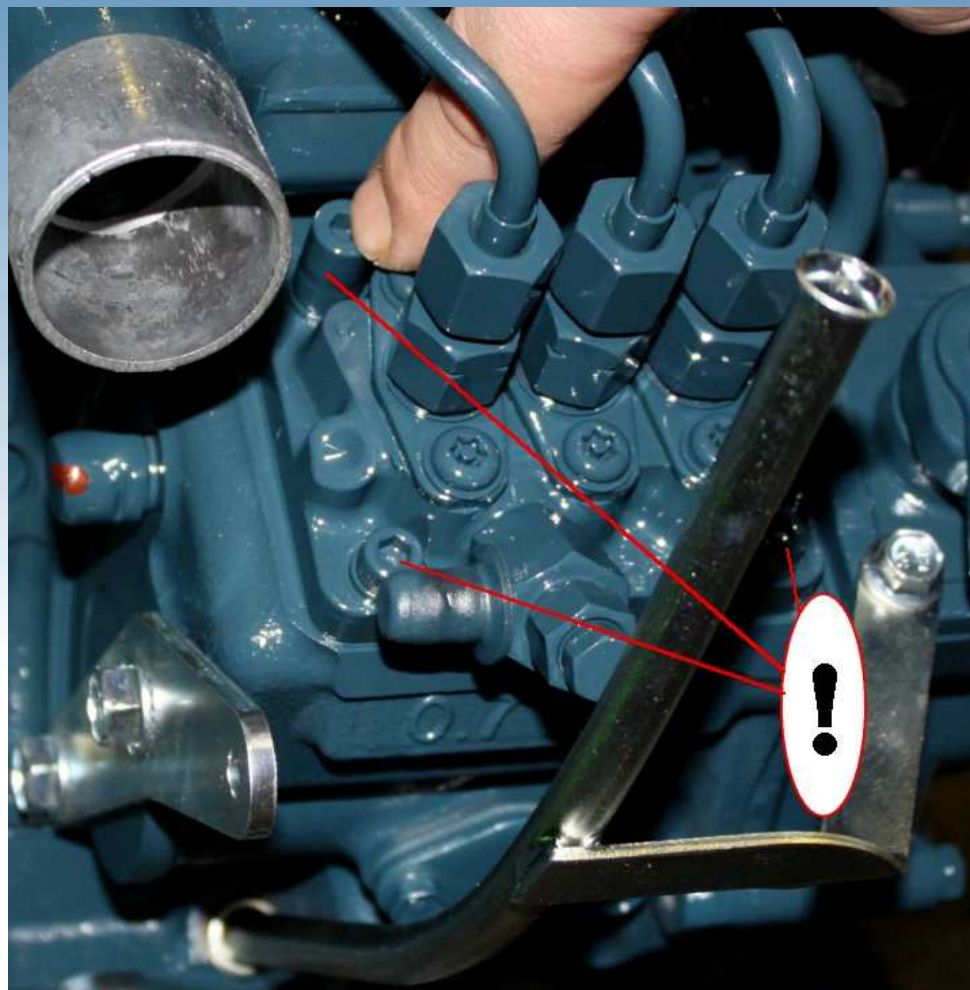


## Kubota D 722 injector pump repair



## Kubota D 722 injector pump repair



## Kubota D 722 injector pump repair

The Injector pump Avant p/n 65136, Kubota p/n 16006-51010 is bolted to the engine with 4 pcs 5 mm allen screws.

When opening the screws the injector pump will pop upwards a little.

There is a shim plate between the engine body and the pump body. This must be placed back in its position when mounting. If the shim is forgotten the engine will not run properly.

Cover the opening in the engine body during injector pump repair so that nothing falls into the engine.

## Kubota D 722 injector pump repair

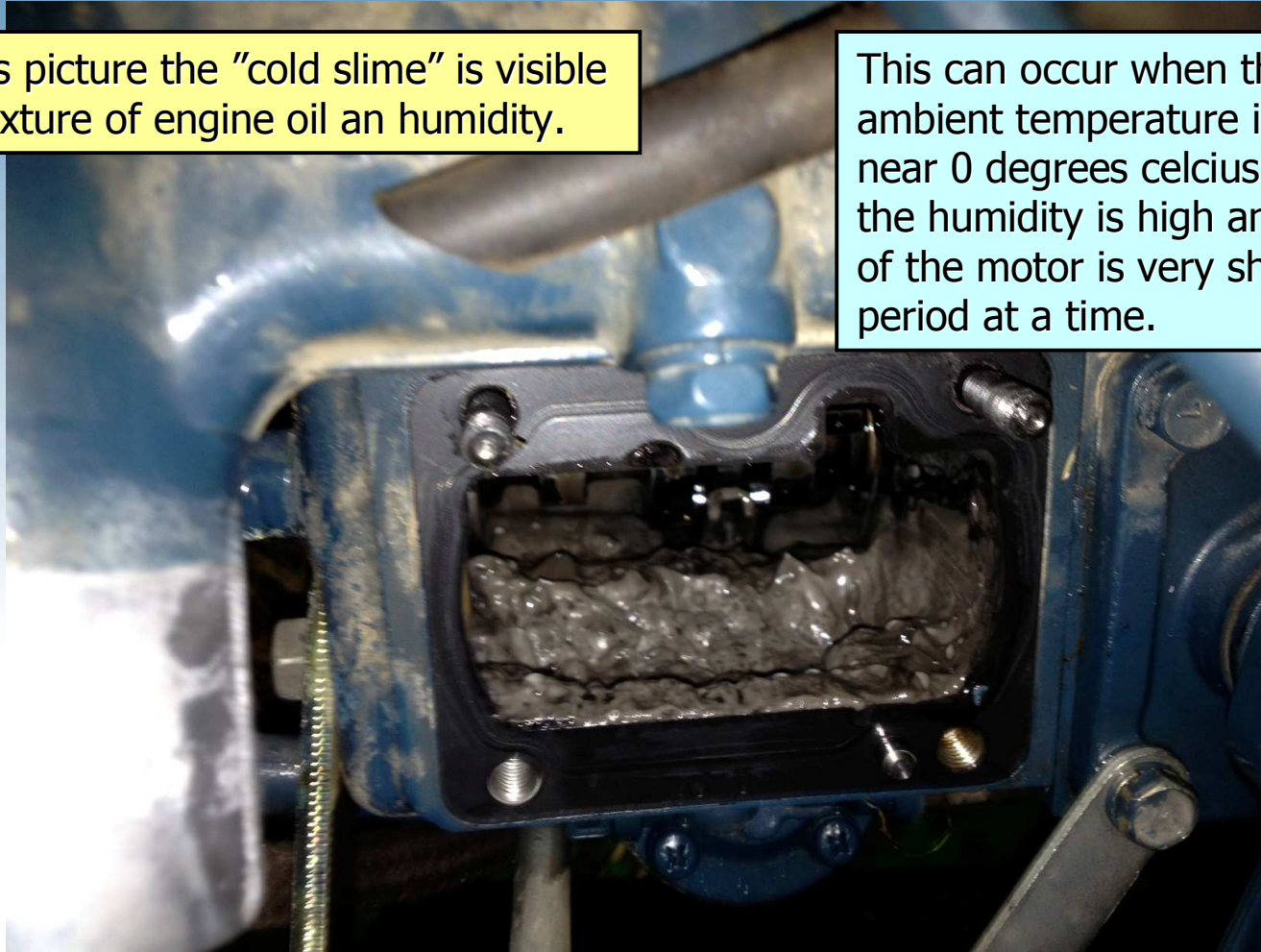
If there is cold slime in the engine, the slime must be removed mechanically.  
The engine oil and oil filter needs to be changed when this repair is done.



## Kubota D 722 injector pump repair

In this picture the "cold slime" is visible  
It is a mixture of engine oil and humidity.

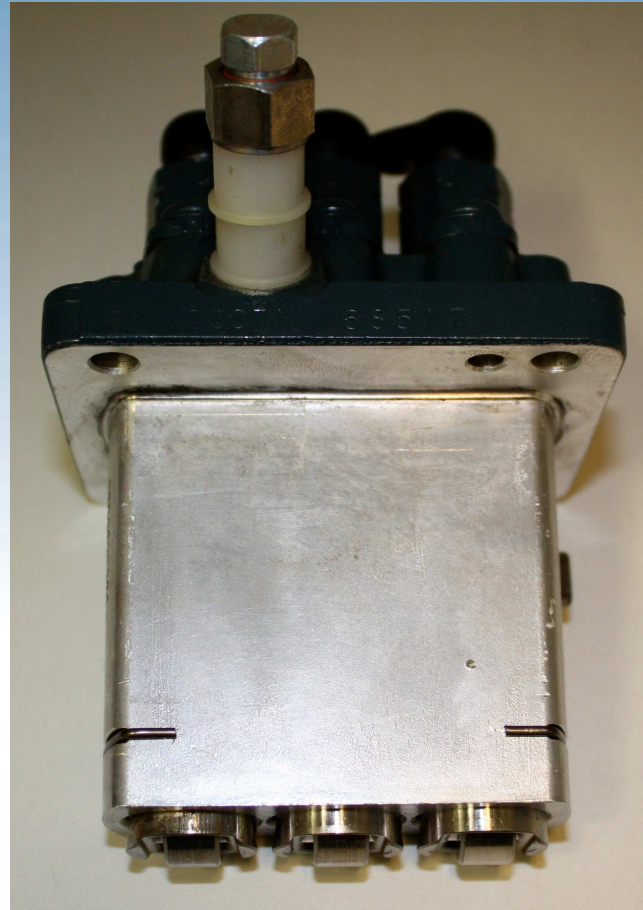
This can occur when the ambient temperature is near 0 degrees Celsius and the humidity is high and usage of the motor is very short period at a time.



## Kubota D 722 injector pump repair

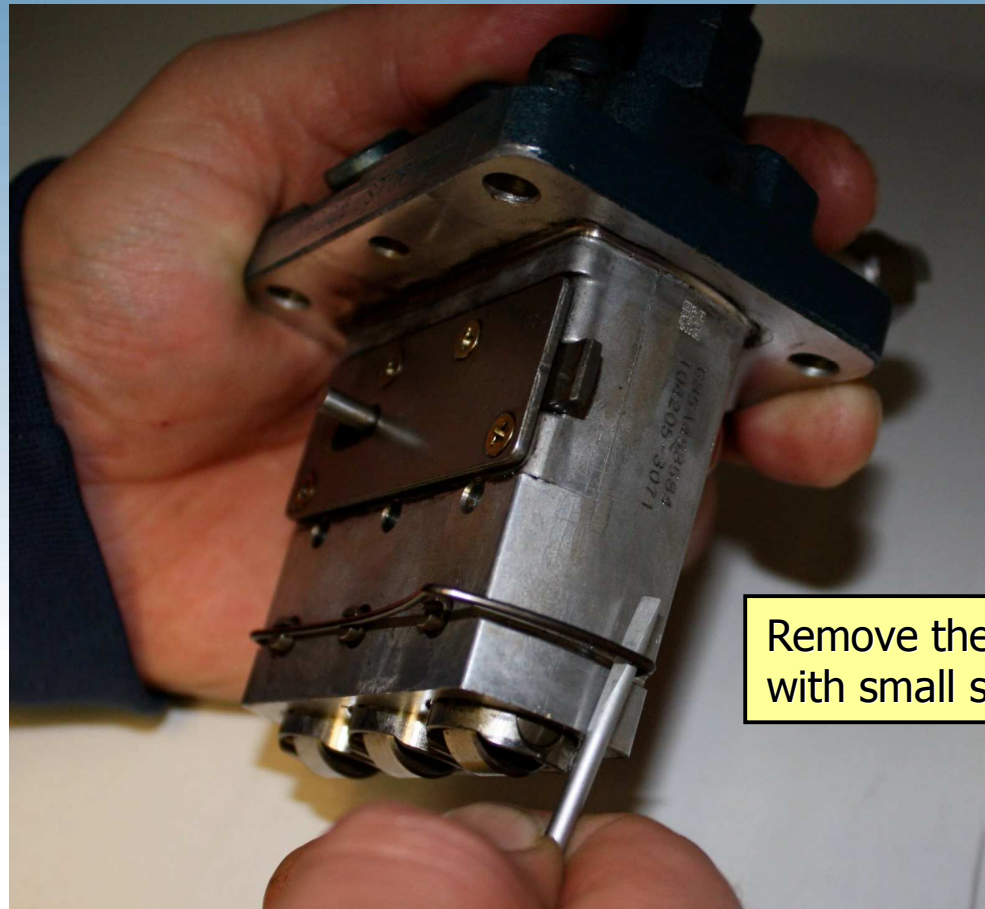


## Kubota D 722 injector pump repair





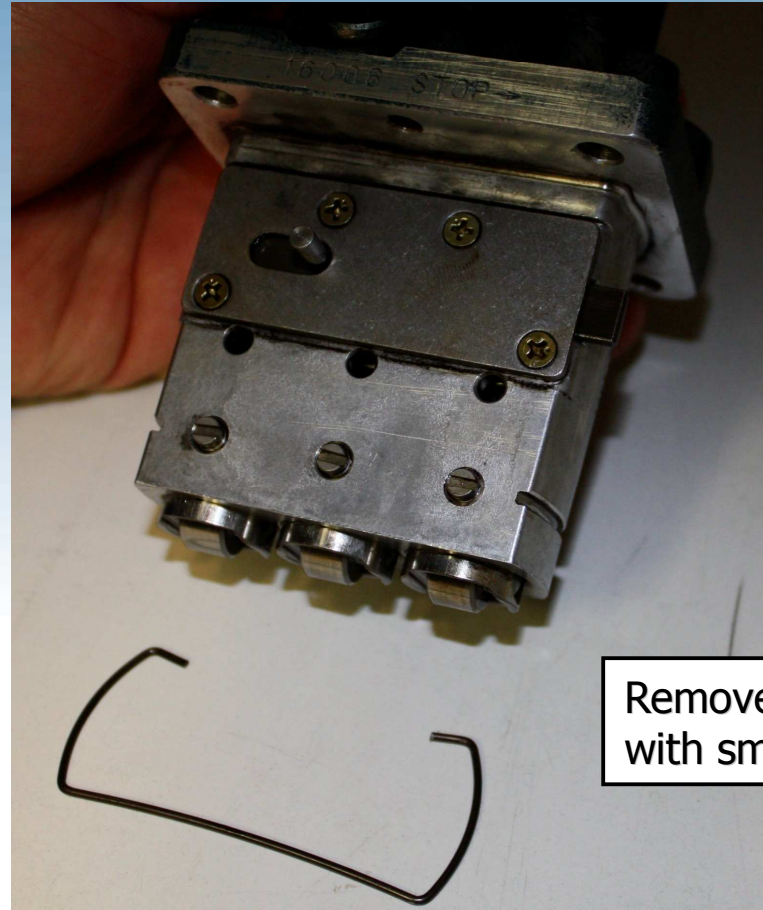
## Kubota D 722 injector pump repair



Remove the retaining clip,  
with small screw driver

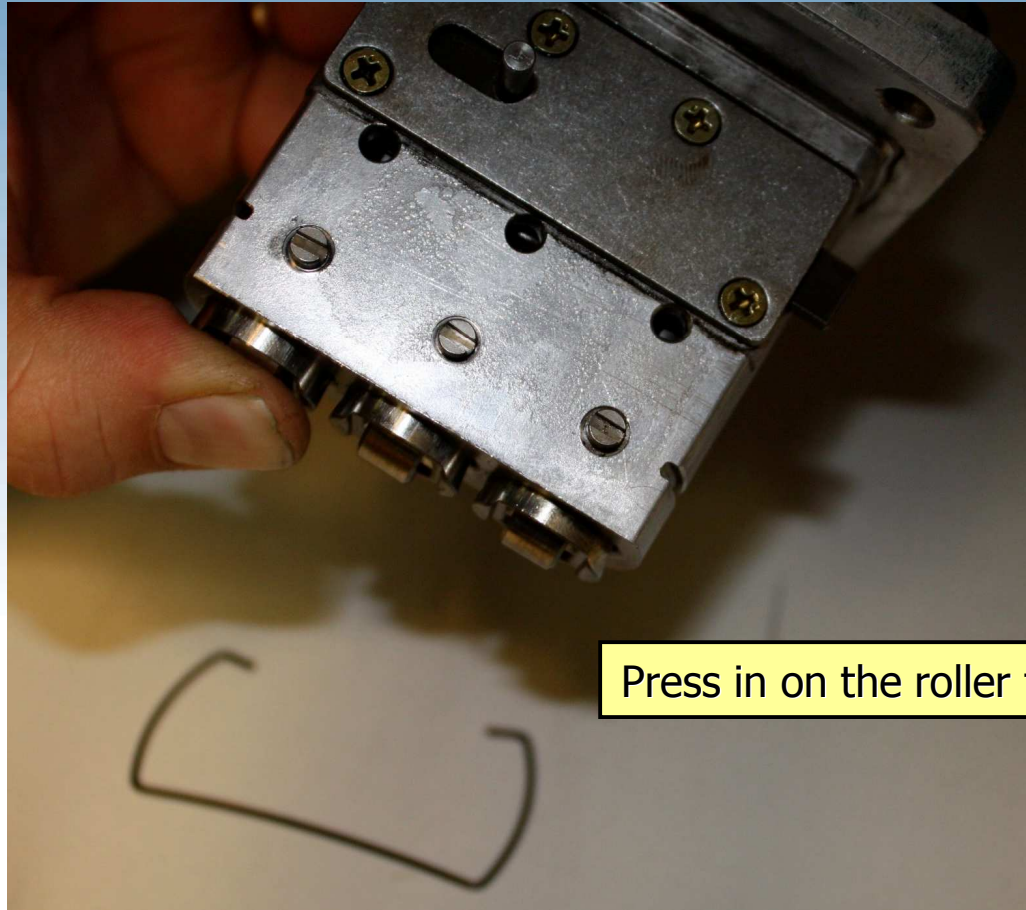


## Kubota D 722 injector pump repair



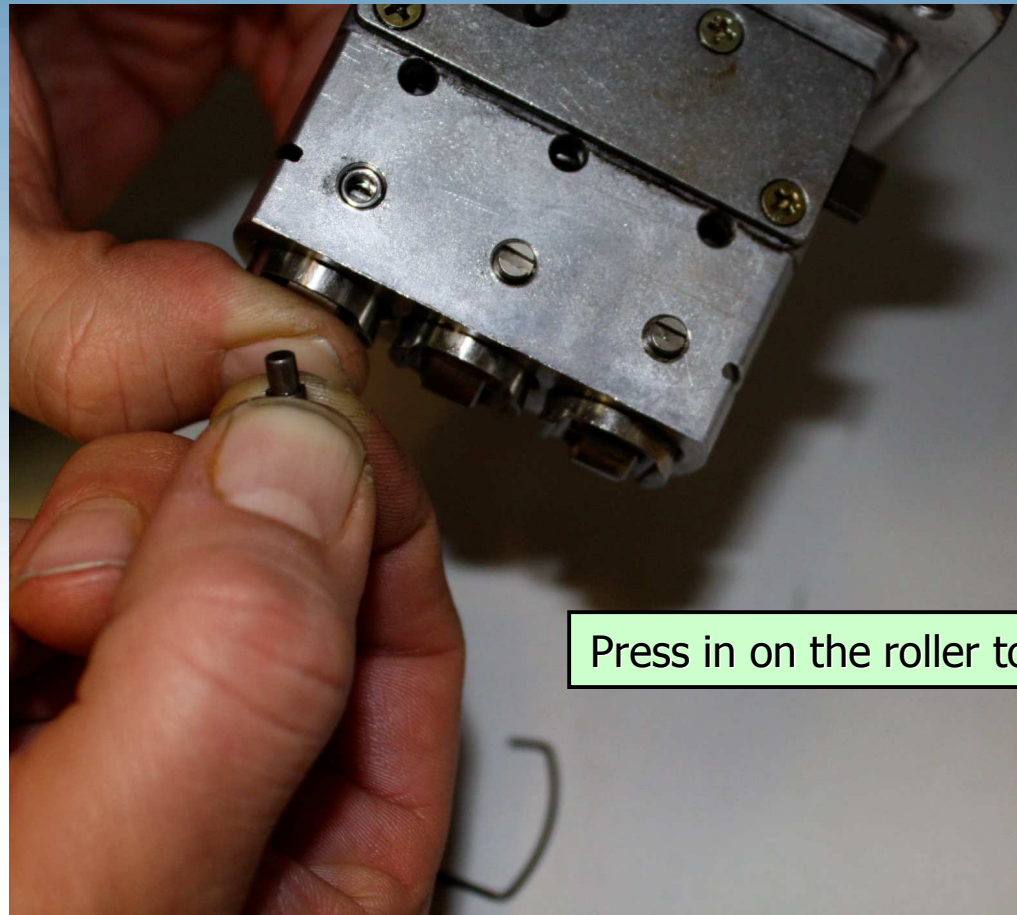
Remove the retaining clip,  
with small screw driver

## Kubota D 722 injector pump repair



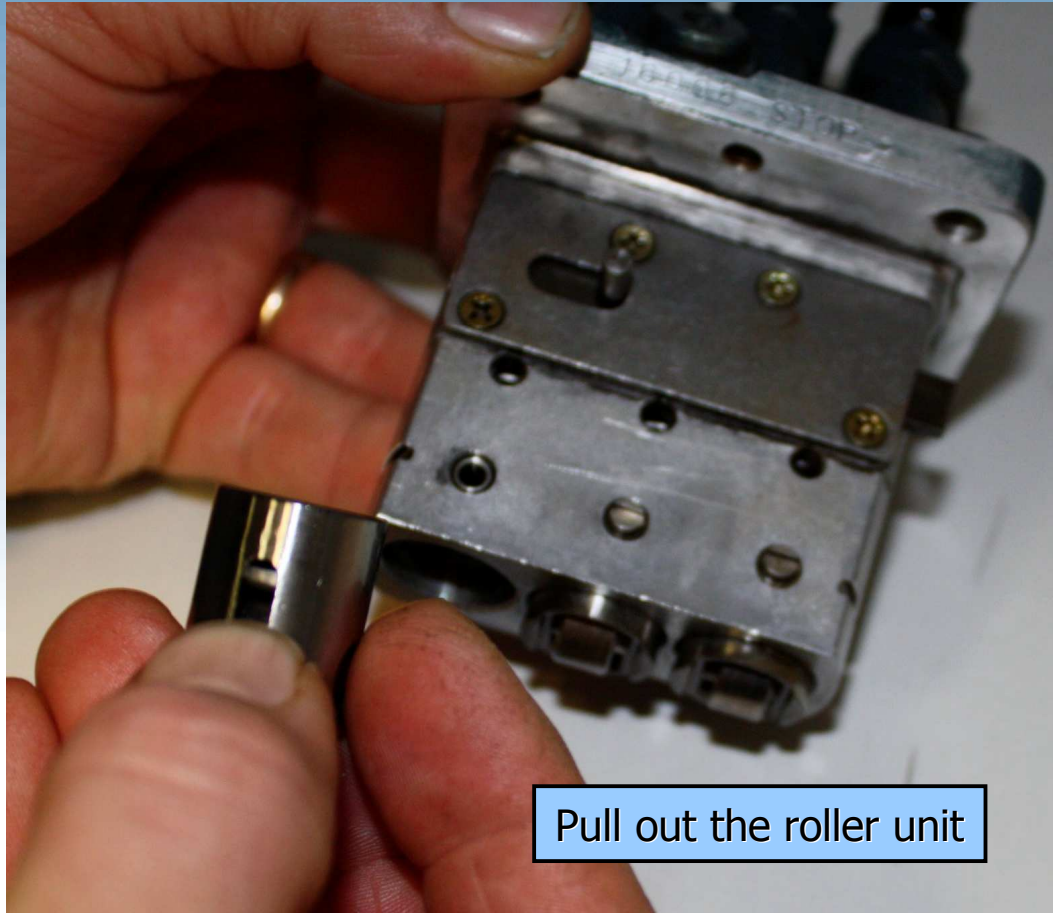
Press in on the roller to remove the locking pin

## Kubota D 722 injector pump repair



Press in on the roller to remove the locking pin

## Kubota D 722 injector pump repair



Pull out the roller unit

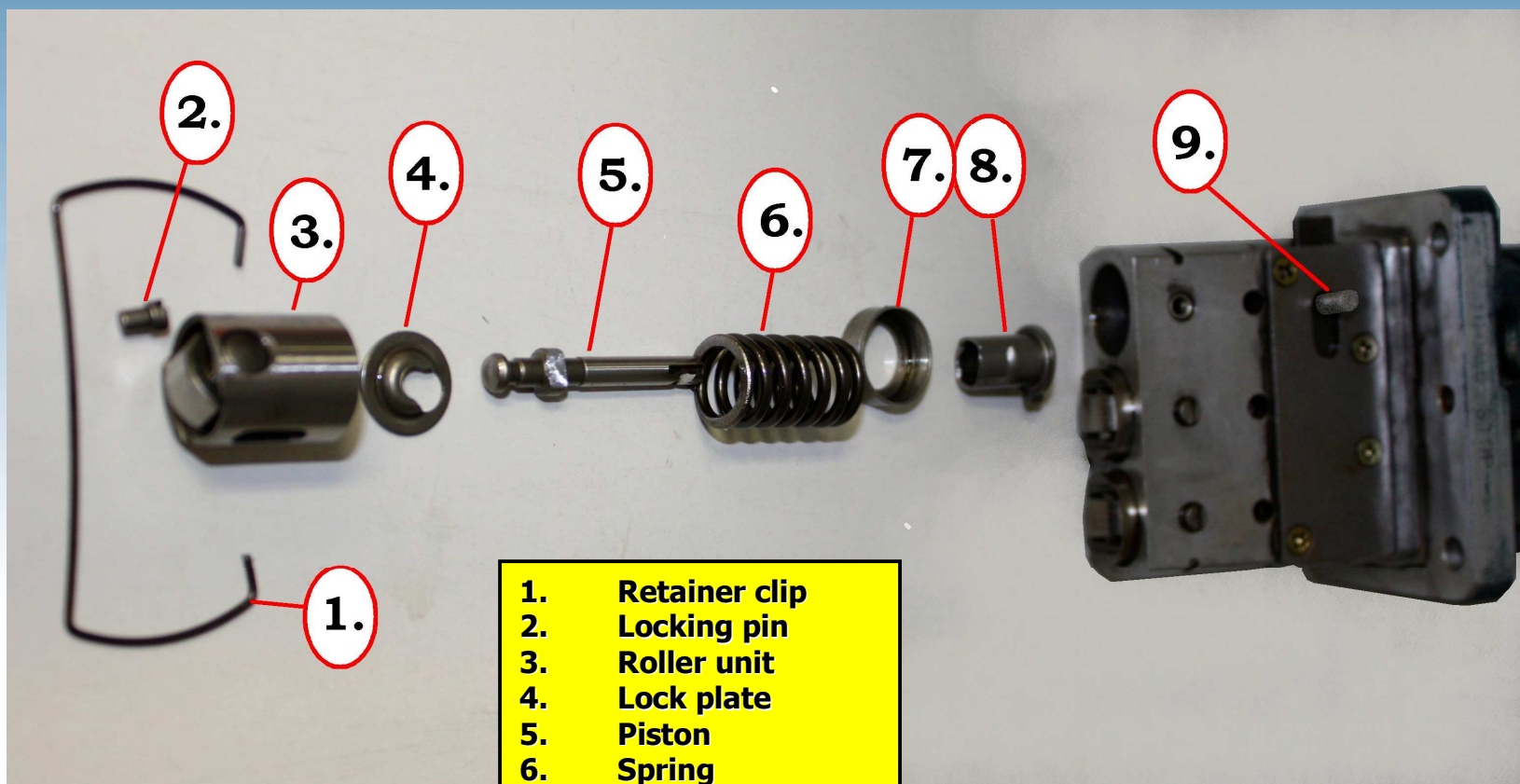


## Kubota D 722 injector pump repair



Remove the lock plate for the piston.

## Kubota D 722 injector pump repair



1. Retainer clip
2. Locking pin
3. Roller unit
4. Lock plate
5. Piston
6. Spring
7. Upper spring cup
8. Adjustment piece
9. Control lever

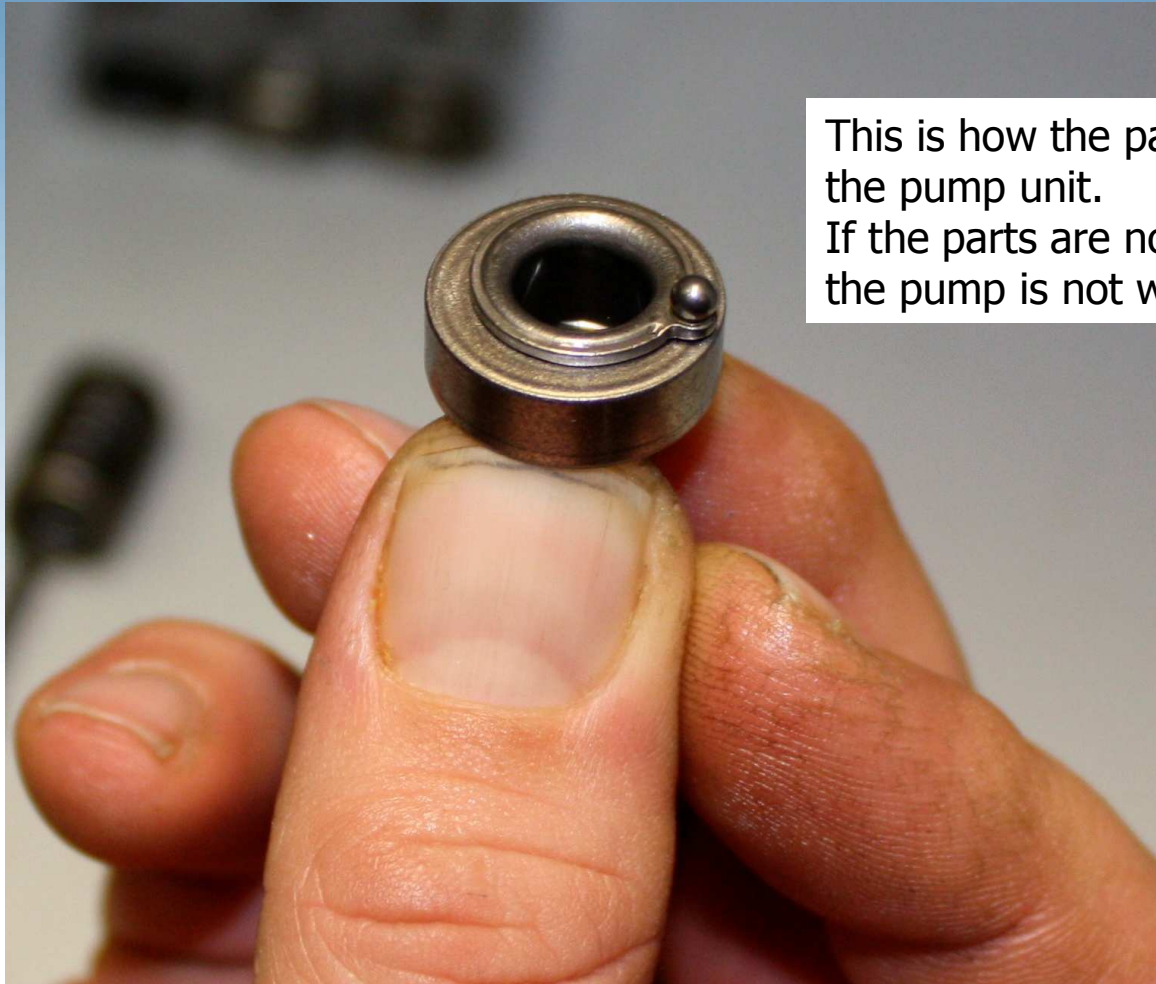
## Kubota D 722 injector pump repair

These parts are often corroded by the cold slime:  
Both parts must be cleaned from rust with  
fine sandpaper or steel wool.





## Kubota D 722 injector pump repair

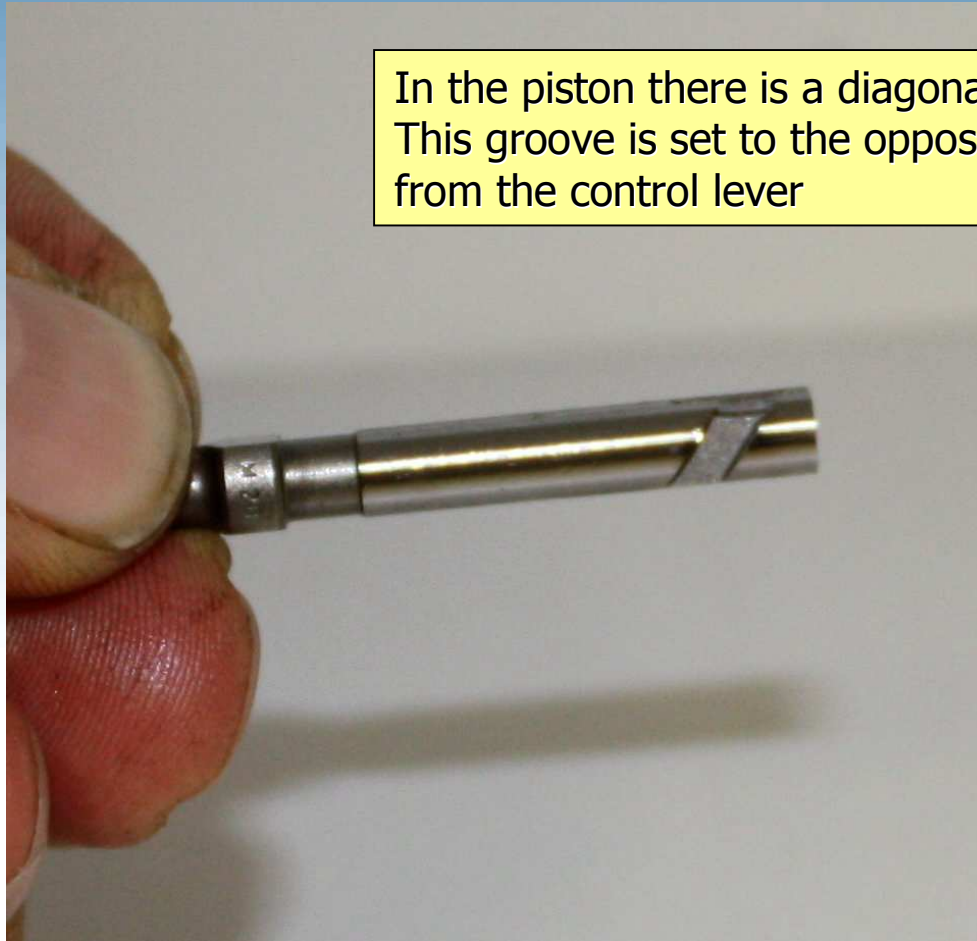


This is how the parts are inside the pump unit.  
If the parts are not rustfree the pump is not working properly



## Kubota D 722 injector pump repair

In the piston there is a diagonal groove.  
This groove is set to the opposite side  
from the control lever



## Kubota D 722 injector pump repair: ruiskutuspumpun korjaus



Spring : Kubota p/n 15841-51280  
In this picture there is rust that will  
cause the spring to break soon.

## Kubota D 722 injector pump repair: ruiskutuspumpun korjaus

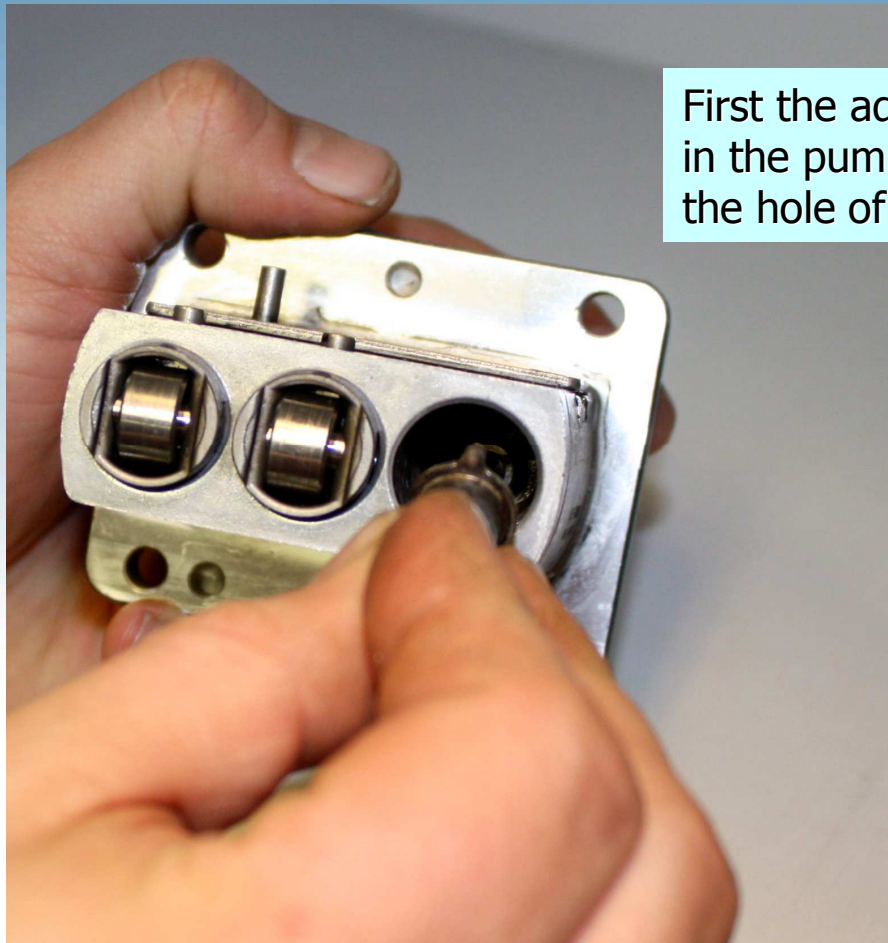


Spring : Kubota p/n 15841-51280

If there is rust the springs  
need to be changed.

It is a good idea to change  
all 3 springs when doing this repair.

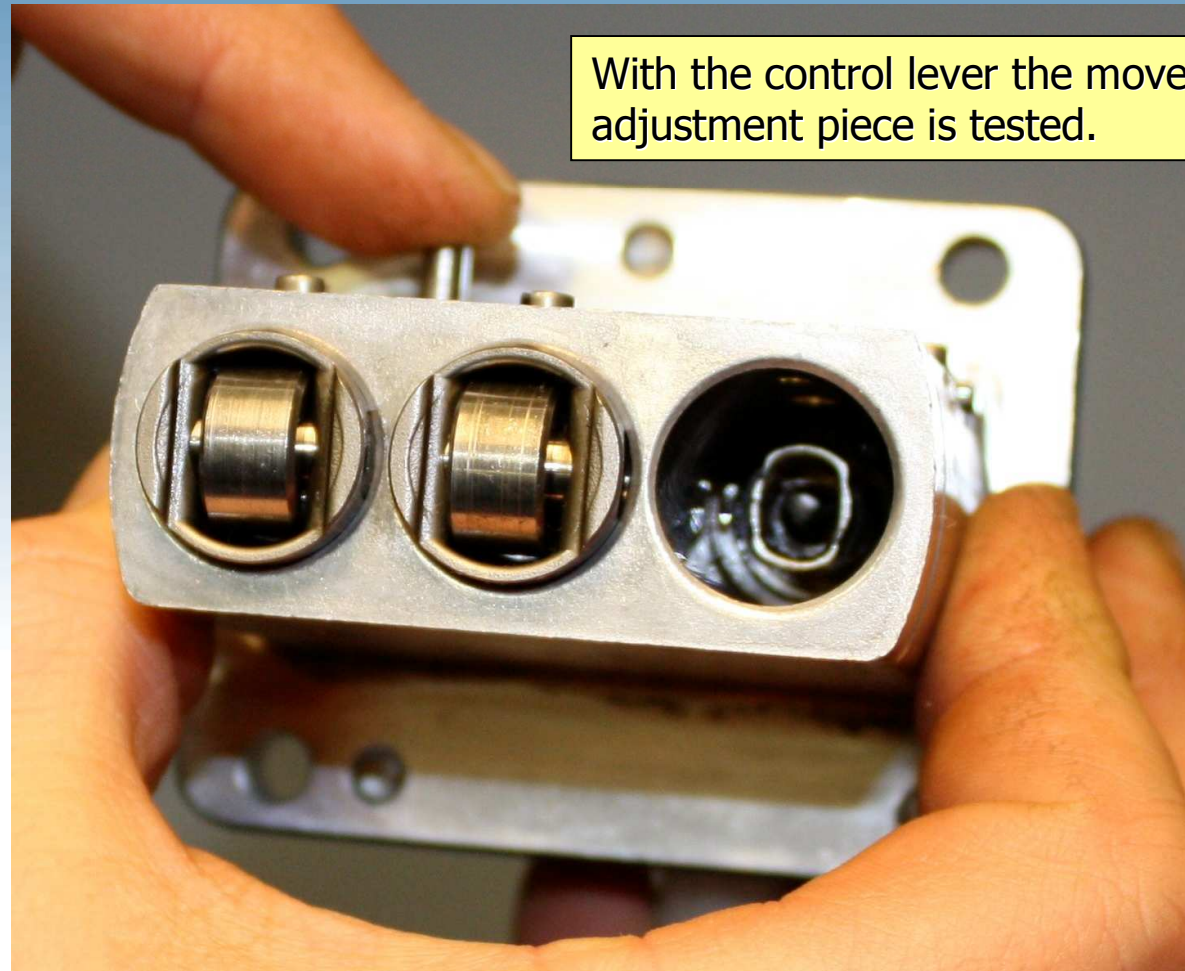
## Kubota D 722 injector pump repair



First the adjustment piece is placed in the pump body so that the ball is in the hole of the control lever.

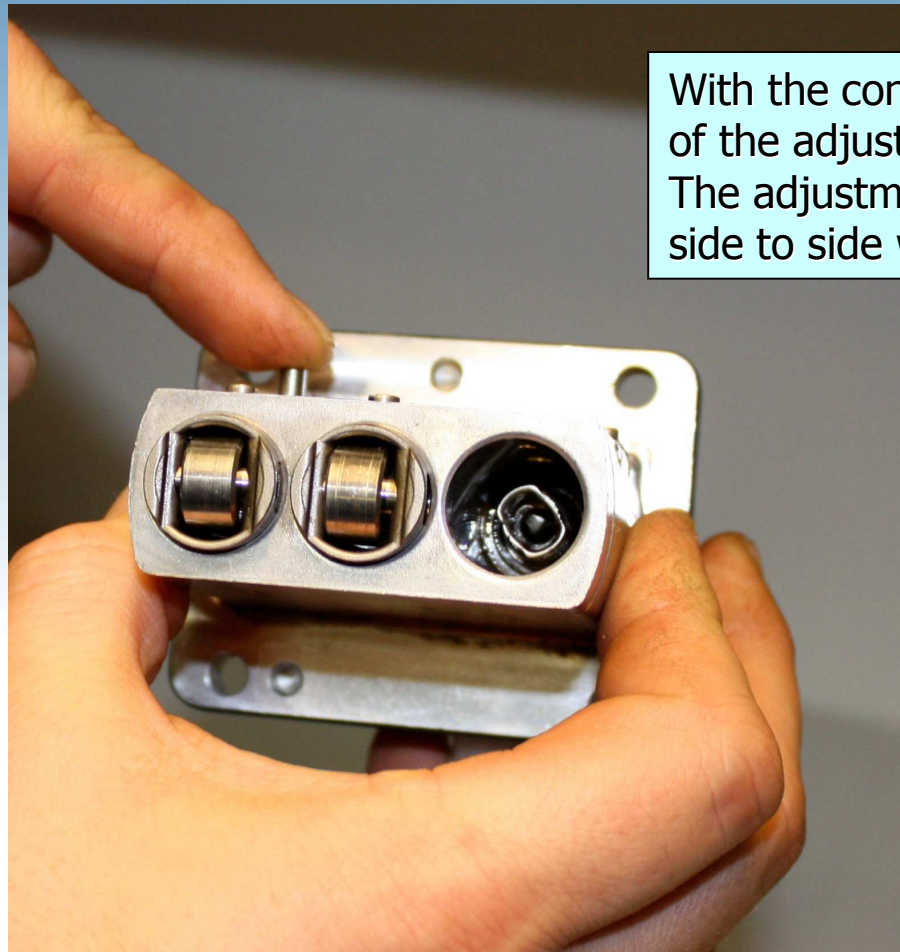


## Kubota D 722 injector pump repair



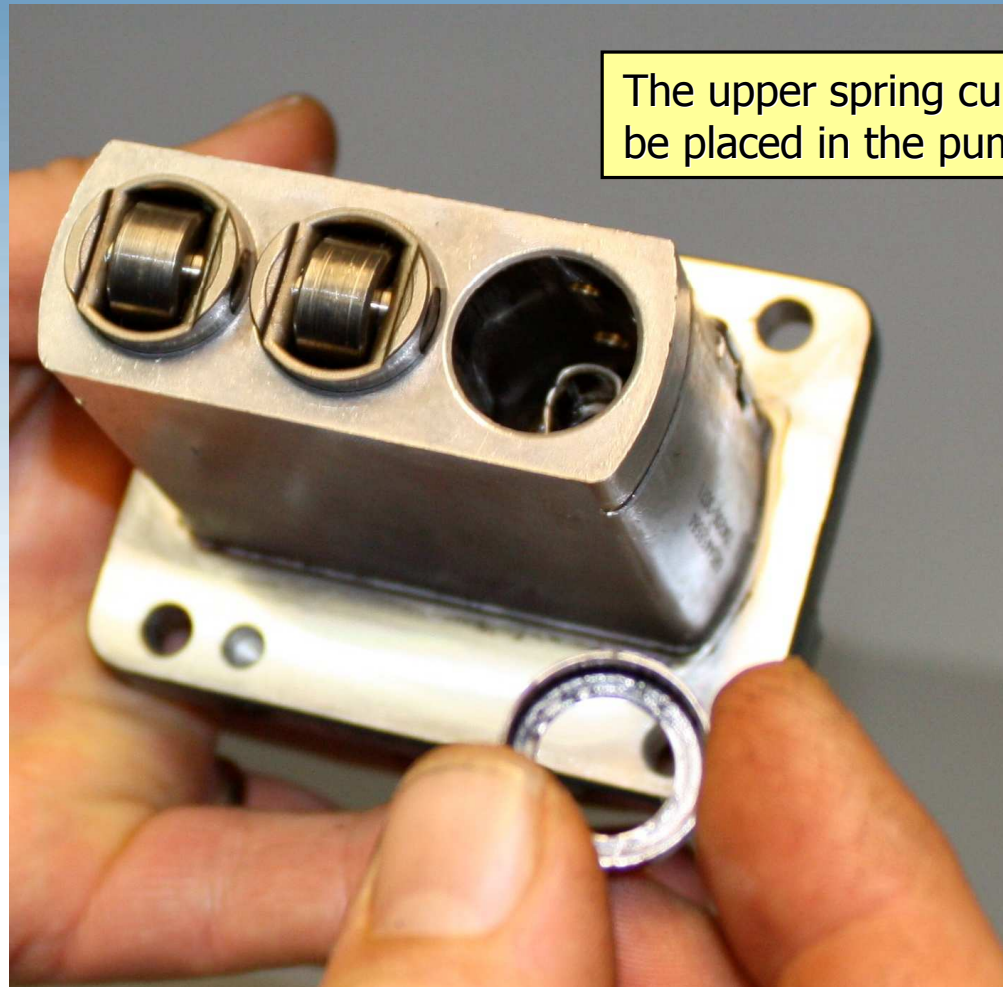
With the control lever the movement of the adjustment piece is tested.

## Kubota D 722 injector pump repair



With the control lever the movement of the adjustment piece is tested. The adjustment piece will turn from side to side when moving the lever.

## Kubota D 722 injector pump repair



The upper spring cup is next to be placed in the pump.



## Kubota D 722 injector pump repair



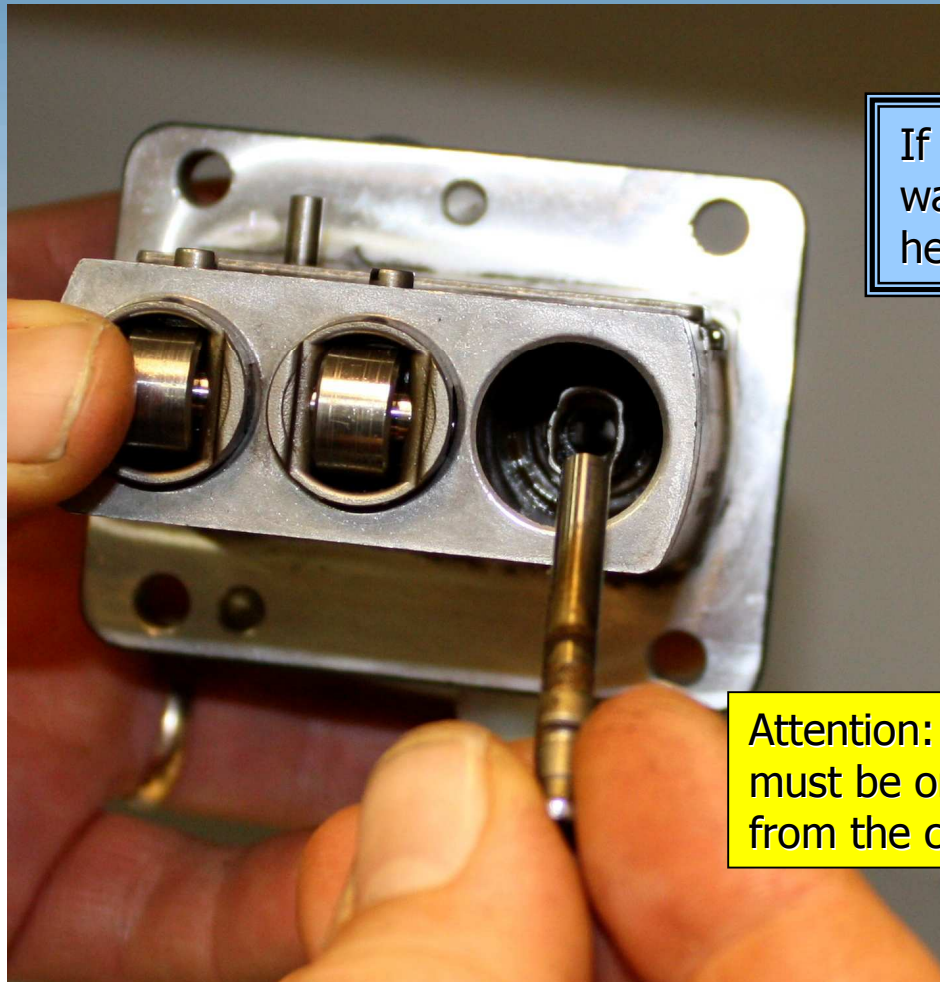


## Kubota D 722 injector pump repair



Pay attention when assembling the piston to the pump. The diagonal groove is on the opposite side of the control lever. Do not push all the way down.

## Kubota D 722 injector pump repair



If the piston is placed wrong way the, the engine will smoke heavily and does not stop.

Attention: The diagonal groove must be on the opposite side from the control lever.

## Kubota D 722 injector pump repair

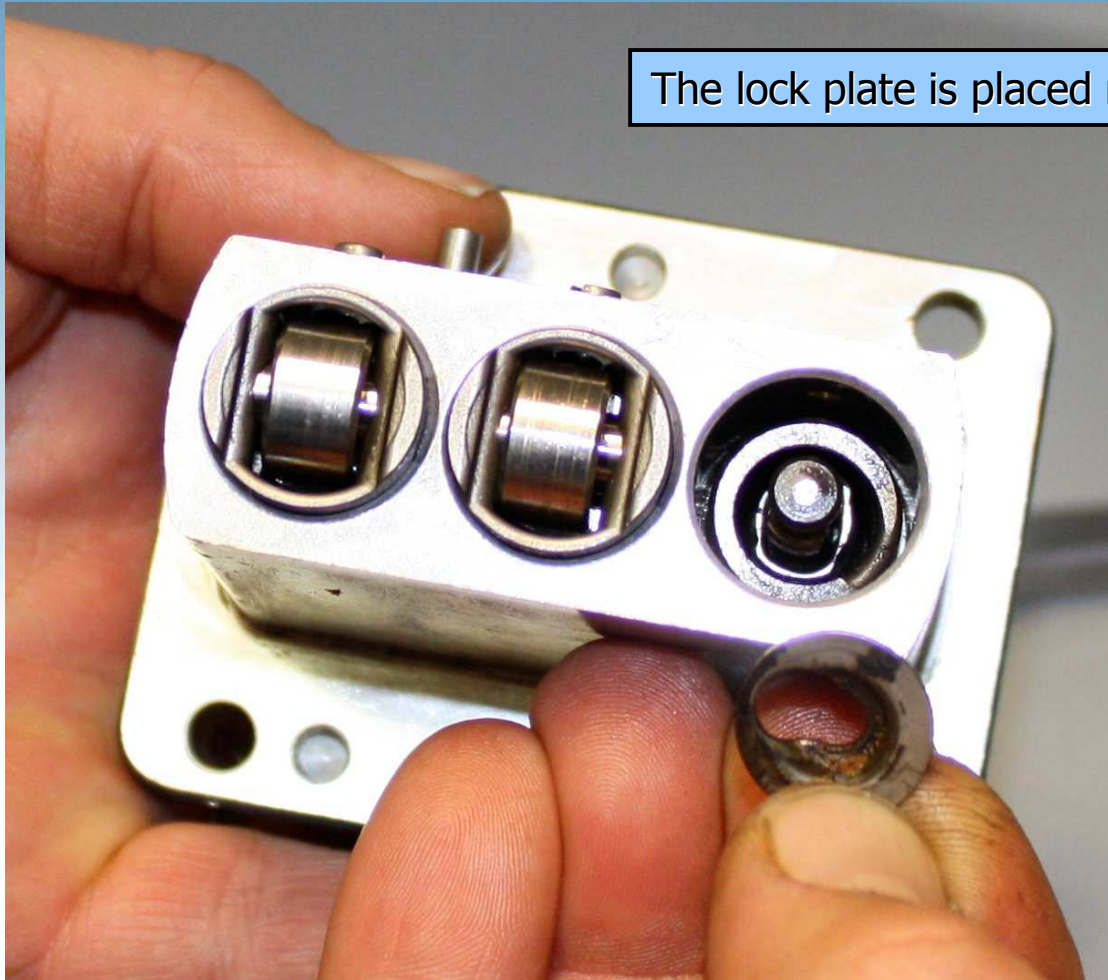
Attention: The diagonal groove must be on the opposite side from the control lever.





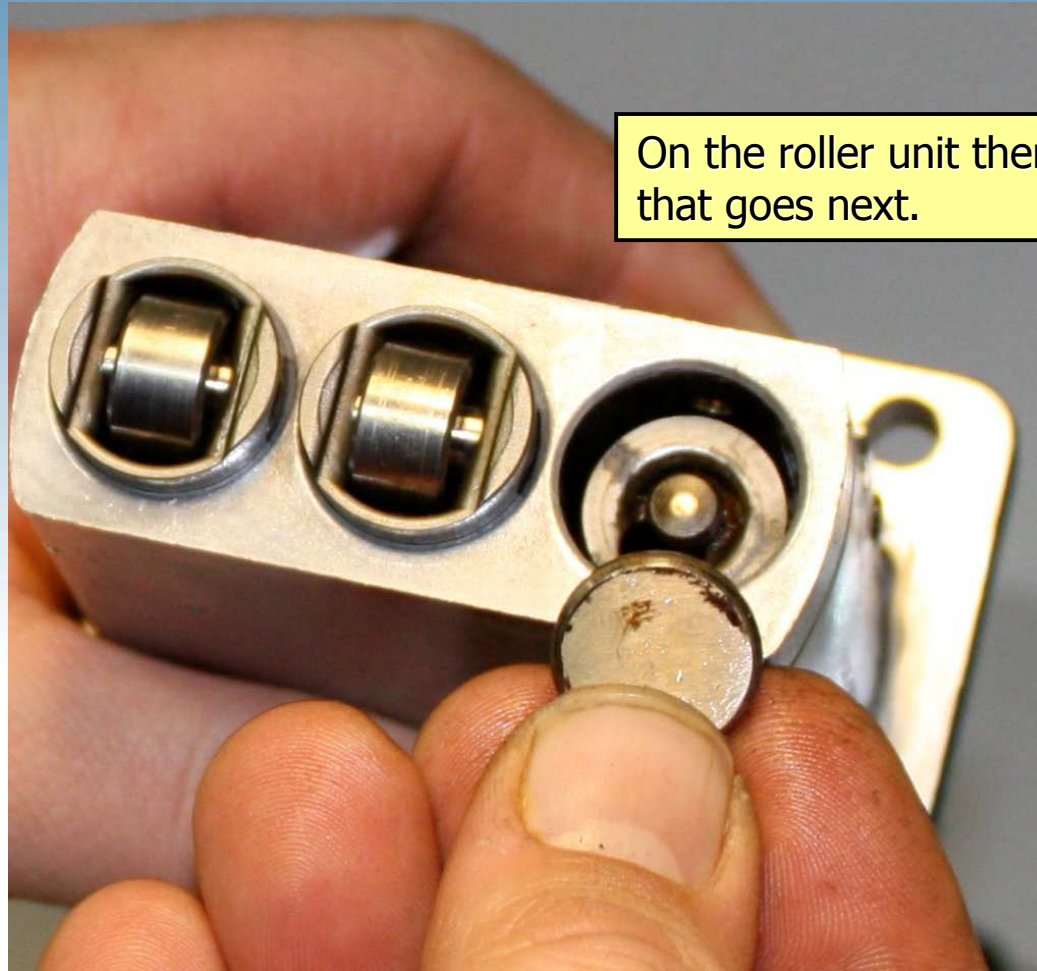
## Kubota D 722 injector pump repair

The lock plate is placed next.





## Kubota D 722 injector pump repair



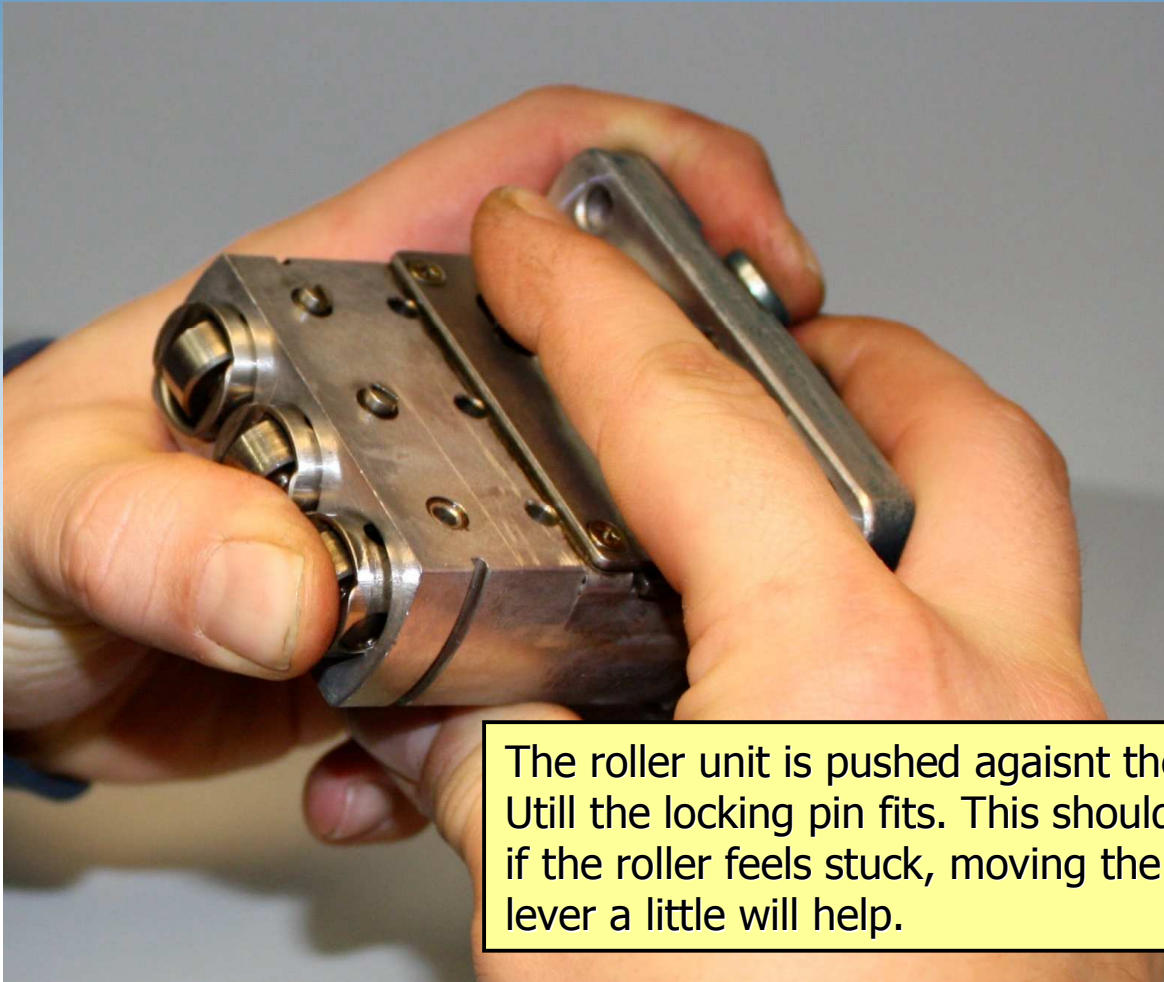
On the roller unit there is a spacer that goes next.

## Kubota D 722 injector pump repair

The roller unit is placed so that the opening on the side is towards the locking pin hole.



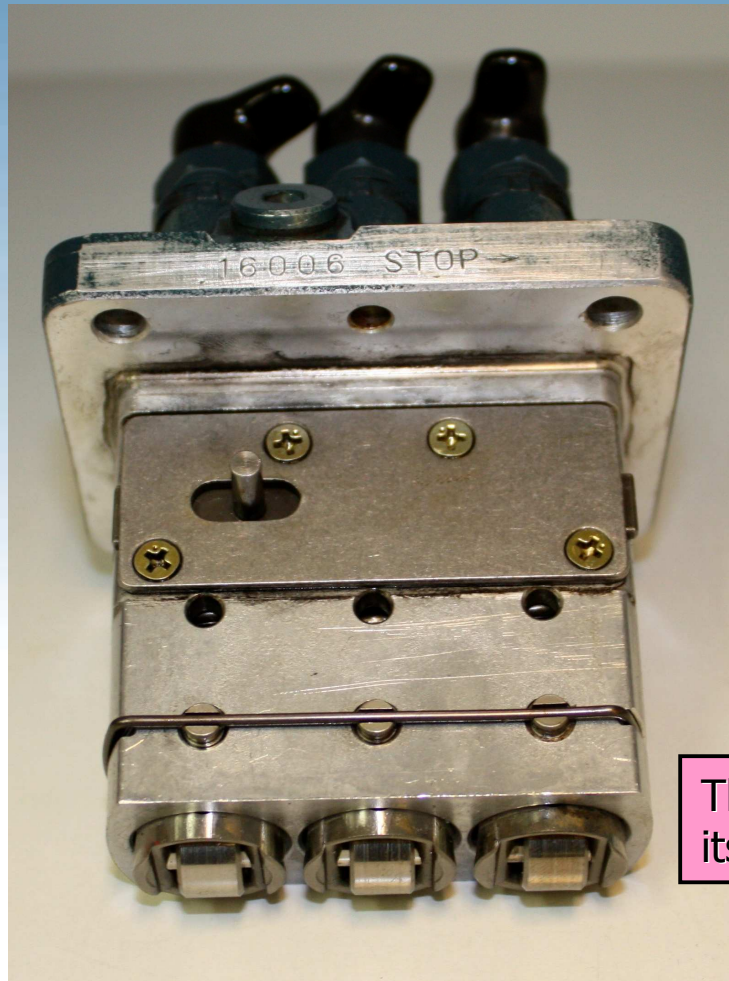
## Kubota D 722 injector pump repair



The roller unit is pushed against the spring. Until the locking pin fits. This should take very little force, if the roller feels stuck, moving the control lever a little will help.



## Kubota D 722 injector pump repair



When the repair is complete the control lever should move from side to side when tilting the pump.

The pump should be lubricated with weapon oil or engine oil before being mounted back to the engine

The retainer clip is placed back to its position.