

# RIALCA



**R**ilock

fix it easy  
no tips loss



Take a look  
at the video..



<https://youtu.be/knQWRP5BEJA>







## Retainer

**RIlock** retainer is different from DRP retainers; in fact it has no cut, but it has a throat to receive **RIlock** pin spheres, so having more retention.

**RIlock** makes Hammerless traditional GET systems Cat J, Komatsu and Fiat Hitachi.

**RIlock** makes **hammerless** the common teeth systems on the market Caterpillar J, Komatsu and Fiat Hitachi. **RIlock** is installable and removable by hand and the only tools needed to secure it are **2 common hex keys**.

**RI**lock works with every tip and adapter available on the market.

**RI**lock has been designed on standard measures of systems Caterpillar J, Komatsu and Fiat Hitachi, so it can be installed on every tip and adapter available on the market.

## Spheres

Expandable spheres works on retainer throat. Before securing **RI**lock pin with 2 hex keys, it need to be insert by hand hearing a "clack" sound.







## Screw

*In the pin there is a screw that allows to secure the spheres firmly with the pin. It is a mechanical locking that has more retention than DRP elastic ring.*

*Higher retention due to mechanical locking  
**means**  
no tips loss*

*The mechanical locking between **RIlock** pin and retainer makes more retention than DRP locking with elastic retainer. This means don't lose tips in particular on heavy duty conditions on rocks and in water.*

**Hammerless pin**  
**means**  
*occupational safety*

**RIlock** can be insert by hand and  
the only tools needed to secure it are **2**  
**common hex keys.**

*Back Hex key hole*

There is an **hex key hole**  
also in the other side of the pin  
to hold it while fixing the screw.





## Plugs

The 2 holes on the edges of pin are protected from debris and concrete by plugs. They are easily insertable with fingers and easily removable with a screwdriver.

**Hammerless locking with  
easy rotation  
means  
quick tips changing**

Tips installation and removing with **RIlock** are faster than standard DRP systems that need hammer. For bigger sizes it is possible to change tips easier by one person too.



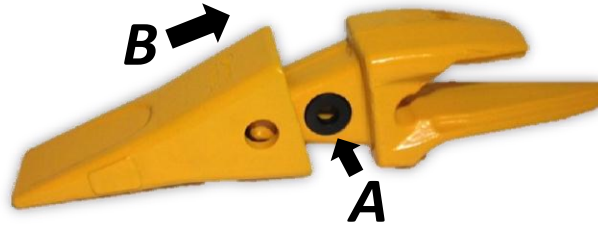
# How to install **RI**lock

1



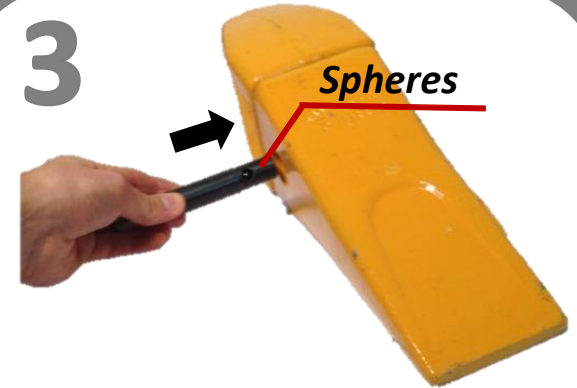
Remove the 2 plugs from bottom and front of the pin, using a little screwdriver.

2



Put **RI**lock retainer and your tip on the adapter, as usual.

3



Insert **RI**lock pin **ON SPHERES EDGE** and **FROM OPPOSITE SIDE OF RETAINER**.

4



Insert pin until **CLACK** sound. Then **RI**lock is ready to be locked.

5



Put hex key "A" on pin bottom (to keep it stopped) and hex key "B" on the spheres edge and screw to the stop.

6

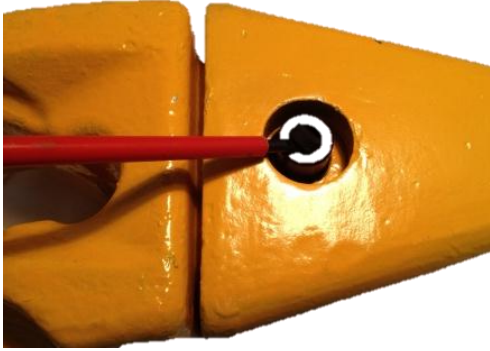


Put the 2 plugs to protect hex key holes from debris and concrete.



# How to remove **RI**lock

1



Remove the 2 plugs using a screwdriver.

2



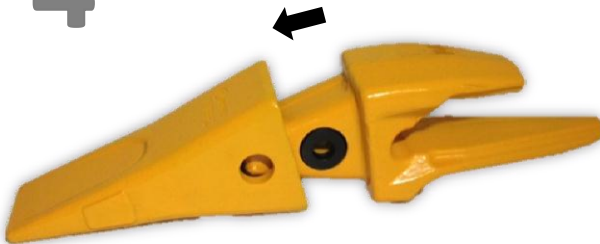
Put hex key "A" on pin bottom (to keep it stopped) and hex key "B" on spheres edge and screw off.

3



Remove **RI**lock pin.

4



Remove tip.

5



Remove **RI**lock retainer.

6



For next installation clean the adapter nose.

## **RIlock** references

<b>RIlock references</b>	<b>Locking System</b>	<b>Size</b>	<b>particular</b>	<b>References compatibility</b>	
<b>RI6208</b>	Caterpillar	<b>J200</b>	pin	<b>1U4208</b>	<b>8E6208</b>
<b>RI6209</b>	Caterpillar	<b>J200</b>	retainer	<b>4T0001</b>	<b>8E6209</b>
<b>RI3228</b>	Caterpillar	<b>J225</b>	pin	<b>6Y3228</b>	<b>1324762</b>
<b>RI6258</b>	Caterpillar	<b>J250</b>	pin	<b>9J2258</b>	<b>8E6258</b> <b>1324763</b>
<b>RI6308</b>	Caterpillar	<b>J300</b>	pin	<b>9J2308</b>	<b>8E6308</b> <b>1324766</b>
<b>RI6259</b>	Caterpillar	<b>J225 J250</b> <b>J300</b>	retainer	<b>3G9609</b>	<b>8E6259</b> <b>1495733</b>
<b>RI6358</b>	Caterpillar	<b>J350</b>	pin	<b>9J2358</b>	<b>8E6358</b> <b>1140358</b>
<b>RI6359</b>	Caterpillar	<b>J350</b>	retainer	<b>3G9549</b>	<b>8E6359</b> <b>1140359</b>
<b>RI3408</b>	Caterpillar	<b>J400</b>	pin	<b>7T3408</b>	<b>1167408</b>
<b>RI8409</b>	Caterpillar	<b>J400</b>	retainer	<b>8E8409</b>	<b>1167409</b>
<b>RI0468</b>	Caterpillar	<b>J460</b>	pin	<b>8E0468</b>	<b>1040468</b>
<b>RI8469</b>	Caterpillar	<b>J460</b>	retainer	<b>8E8469</b>	<b>1073469</b>
<b>RI8558</b>	Caterpillar	<b>J550</b>	pin	<b>1U1558</b>	<b>6Y8558</b> <b>1073378</b>
<b>RI5559</b>	Caterpillar	<b>J550</b>	retainer	<b>3G9559</b>	<b>8E5559</b> <b>1078559</b>
<b>RI6608</b>	Caterpillar	<b>J600</b>	pin	<b>6I6608</b>	<b>1139608</b>
<b>RI6609</b>	Caterpillar	<b>J600</b>	retainer	<b>6I6609</b>	<b>1139609</b>
<b>RI4708</b>	Caterpillar	<b>J700</b>	pin	<b>8E4708</b>	<b>1134708</b>
<b>RI4707</b>	Caterpillar	<b>J700</b>	retainer	<b>8E4707</b>	<b>1134709</b>
<b>RI1808</b>	Caterpillar	<b>J800</b>	pin	<b>1341808</b>	
<b>RI1809</b>	Caterpillar	<b>J800</b>	retainer	<b>1341809</b>	<b>1012874</b>
<b>RI2668</b>	Caterpillar	<b>R300</b>	pin	<b>9W2668</b>	<b>9J6583</b>
<b>RI2678</b>	Caterpillar	<b>R350</b>	pin	<b>9W2678</b>	

<b>RIlock references</b>	<b>Locking System</b>	<b>Size</b>	<b>particular</b>	<b>References compatibility</b>	
<b>RI2405</b>	Caterpillar	<b>R300 R350</b>	retainer	<b>1U2405</b>	
<b>RI9600</b>	Caterpillar	<b>R400</b>	pin	<b>7J9600</b>	
<b>RI8811</b>	Caterpillar	<b>R450</b>	pin	<b>6J8811</b>	
<b>RI3394</b>	Caterpillar	<b>R450</b>	pin	<b>6Y3394</b>	
<b>RI4743</b>	Caterpillar	<b>R450</b>	retainer	<b>8E4743</b>	
<b>RI0500</b>	Caterpillar	<b>R500</b>	pin	<b>3G0500</b>	
<b>RI1204</b>	Caterpillar	<b>R500</b>	pin	<b>6Y1204</b>	
<b>RI1202</b>	Caterpillar	<b>R500</b>	pin	<b>6Y1202</b>	
<b>RI3909</b>	Caterpillar	<b>R500</b>	retainer	<b>6Y3909</b>	
<b>RI4245</b>	Caterpillar	<b>R550</b>	pin	<b>9N4245</b>	
<b>RI1205</b>	Caterpillar	<b>R550</b>	retainer	<b>6Y1205</b>	
<b>RI2229</b>	Caterpillar	<b>R550</b>	pin	<b>8E2229</b>	
<b>RI2230</b>	Caterpillar	<b>R550</b>	retainer	<b>8E2230</b>	
<b>RI0738</b>	Caterpillar		pin	<b>1330738</b>	
<b>RI9350</b>	Caterpillar		pin	<b>1359350</b>	
<b>RI09244.02496</b>	Komatsu		pin	<b>09244.02496</b>	
<b>RI09244.02508</b>	Komatsu		pin	<b>09244.02508</b>	
<b>RI09244.02516</b>	Komatsu		pin	<b>09244.02516</b>	
<b>RI09244.03036</b>	Komatsu		pin	<b>09244.03036</b>	
<b>RI-22P</b>	Fiat Hitachi	<b>22</b>	pin	<b>2MF-22P</b>	
<b>RI-21/22R</b>	Fiat Hitachi	<b>22</b>	retainer	<b>2MF-21/22R</b>	
<b>RI-24P</b>	Fiat Hitachi	<b>24</b>	pin	<b>2MF-24P</b>	
<b>RI-24R</b>	Fiat Hitachi	<b>24</b>	retainer	<b>2MF24R</b>	
<b>RI-26P</b>	Fiat Hitachi	<b>26</b>	pin	<b>2MF-26P</b>	
<b>RI-28P</b>	Fiat Hitachi	<b>28</b>	pin	<b>2MF-28P</b>	
<b>RI-26/28R</b>	Fiat Hitachi	<b>28</b>	retainer	<b>2MF-26/28R</b>	
<b>RI-32P</b>	Fiat Hitachi	<b>32</b>	pin	<b>2MF-32P</b>	
<b>RI-34P</b>	Fiat Hitachi	<b>34</b>	pin	<b>2MF-34P</b>	
<b>RI-32/34R</b>	Fiat Hitachi	<b>32 34</b>	retainer	<b>2MF-32/34R</b>	

*All manufactures' name, numbers, symbols and descriptions in this catalogue are used for reference only, in order to make the identification easier.*



# MARKET references

references	Locking System	Size	particular	RIlock compatibility
1U4208	Caterpillar	J200	pin	RI6208
8E6208	Caterpillar	J200	Pin	RI6208
4T0001	Caterpillar	J200	retainer	RI6209
8E6209	Caterpillar	J200	retainer	RI6209
6Y3228	Caterpillar	J225	pin	RI3228
9J2258	Caterpillar	J250	pin	RI6258
8E6258	Caterpillar	J250	pin	RI6258
9J2308	Caterpillar	J300	pin	RI6308
8E6308	Caterpillar	J300	pin	RI6308
3G9609	Caterpillar	J225 J250 J300	retainer	RI6259
8E6259	Caterpillar	J225 J250 J300	retainer	RI6259
1324762	Caterpillar	J225	pin	RI3228
1324763	Caterpillar	J250	pin	RI6258
1324766	Caterpillar	J300	pin	RI6308
1495733	Caterpillar	J225 J250 J300	retainer	RI6259
9J2358	Caterpillar	J350	pin	RI6358
8E6358	Caterpillar	J350	pin	RI6358
3G9549	Caterpillar	J350	retainer	RI6359
8E6359	Caterpillar	J350	retainer	RI6359
1140358	Caterpillar	J350	pin	RI6358
1140359	Caterpillar	J350	retainer	RI6359
7T3408	Caterpillar	J400	pin	RI3408
1167408	Caterpillar	J400	pin	RI3408
8E8409	Caterpillar	J400	retainer	RI8409
1167409	Caterpillar	J400	retainer	RI8409
8E0468	Caterpillar	J460	pin	RI0468
1040468	Caterpillar	J460	pin	RI0468
8E8469	Caterpillar	J460	retainer	RI8469
1073469	Caterpillar	J460	retainer	RI8469
3G0500	Caterpillar	R500	pin	RI0500
9N4245	Caterpillar	R550	pin	RI4245

references	Locking System	Size	particular	RIlock compatibility
1U1558	Caterpillar	J550	pin	RI8558
6Y8558	Caterpillar	J550	pin	RI8558
3G9559	Caterpillar	J550	retainer	RI5559
8E5559	Caterpillar	J550	retainer	RI5559
1073378	Caterpillar	J550	pin	RI8558
1078559	Caterpillar	J550	retainer	RI5559
6I6608	Caterpillar	J600	pin	RI6608
1139608	Caterpillar	J600	pin	RI6608
6I6609	Caterpillar	J600	retainer	RI6609
1139609	Caterpillar	J600	retainer	RI6609
8E4708	Caterpillar	J700	pin	RI4708
1134708	Caterpillar	J700	pin	RI4708
8E4707	Caterpillar	J700	retainer	RI4707
1134709	Caterpillar	J700	retainer	RI4707
1341808	Caterpillar	J800	pin	RI1808
1341809	Caterpillar	J800	retainer	RI1809
1012874	Caterpillar	J800	retainer	RI1809
9W2668	Caterpillar	R300	pin	RI2668
9J6583	Caterpillar	R300	pin	RI2668
9W2678	Caterpillar	R350	pin	RI2678
1U2405	Caterpillar	R300 R350	retainer	RI2405
7J9600	Caterpillar	R400	pin	RI9600
6J8811	Caterpillar	R450	pin	RI8811
6Y3394	Caterpillar	R450	pin	RI3394
8E4743	Caterpillar	R450	retainer	RI4743
6Y1205	Caterpillar	R550	retainer	RI1205
8E2229	Caterpillar	R550	pin	RI2229
8E2230	Caterpillar	R550	retainer	RI2230
1330738	Caterpillar		pin	RI0738
1359350	Caterpillar		pin	RI9350
6Y1204	Caterpillar	R500	pin	RI1204
6Y1202	Caterpillar	R500	retainer	RI1202
6Y3909	Caterpillar	R500	pin	RI3909

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