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Grumpy Goat ▾



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Steering stem wrench

Discussion in 'Servicing & Maintenance' started by Grumpy Goat, Apr 7, 2018.

Thread Tools Unwatch Thread



Grumpy Goat

Well-Known Member

Contributor

Messages: 4,004

Likes Received: 2,545

Trophy Points: 113

I am in need of a wrench to tighten the steering column adjusters. My Haynes manual says that the tool numbers are 313721 and 313723 - two numbers likely because the manual covers several WC boxers. I cannot find these tools let alone where I can buy one.

On the other hand this is listed on eBay for \$36.



Should I get this? Bruce?

--

Regards

Grumpy Goat

Houston, TX

2016 BMW R1200RS Granite Grey Premium ("Grump the Grey")

Grumpy Goat, Apr 7, 2018 [Edit](#) [Report](#) #1 [Reply](#)



Do you mean a screwdriver and hammer won't suffice ?

boxter

Well-Known Member

Messages: 598

Likes Received: 326

Trophy Points: 63

Ged



boxter, Apr 7, 2018 [Report](#) #2 [Like](#) [Reply](#)

Dave, Bravo, Leon.P. and 1 other person like this.



Grumpy Goat said: ↑

I am in need of a wrench to tighten the steering column adjusters.

Lee

Well-Known Member

Steering head bearing???

Messages: 2,070

Likes Received: 1,573

Trophy Points: 113

Lee
Site Contributor
SW Iowa
2016 R1200RS

Past BMWs
2011 K1300S, 03 K1200RS, 91 K75S, 87 K75T, 84 R100RT
Debbie's previous bikes
2011 K1300S, 03 K1200RS, 91 K75S, 87 K75T

Lee, Apr 7, 2018 Report #3 Like Reply



ray2

Well-Known Member

Contributor

Messages: 892

Likes Received: 959

Trophy Points: 93



Grumpy Goat said: ↑

I am in need of a wrench to tighten the steering column adjusters.

Somehow, that just does not sound good...

"A good man always knows his limitations..."

ray2, Apr 7, 2018 Report #4 Like Reply



ray2 said: ↑

Somehow, that just does not sound good...

Oh nothing is wrong ... just a normal maintenance item that needs to be done

Grumpy Goat

Well-Known Member

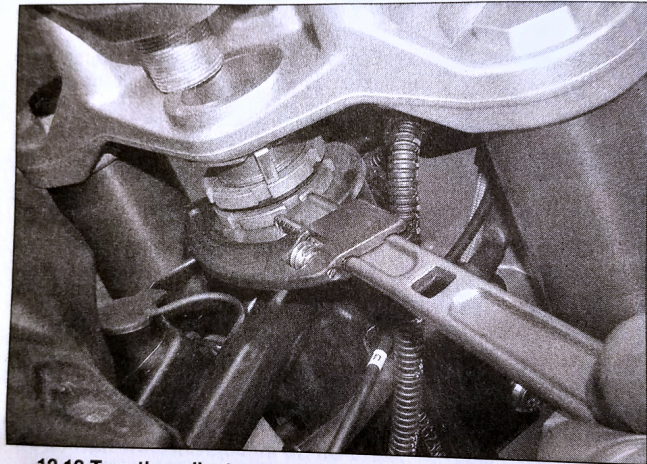
Contributor

Messages: 4,004

Likes Received: 2,545

Trophy Points: 113

periodically. This is a photo from the Haynes Manual I have showing an adjustable wrench, which I prefer to use rather than a hammer and old screwdriver like in my bicycle days as a teenager. Best would be a castle type socket so that the correct torque could be correctly applied but the torque requirement is pretty low and one can make the adjustment without a torque wrench.



12.13 Turn the adjuster nut as described to set the bearings

--

Regards

Grumpy Goat

Houston, TX

2016 BMW R1200RS Granite Grey Premium ("Grump the Grey")

Grumpy Goat, Apr 7, 2018 [Edit](#) [Delete](#) [Report](#)
#5 [Reply](#)

Grumpy Goat said: ↑



ducrazydave

Active Member

Messages: 103

Likes Received: 79

Trophy Points: 28



I am in need of a wrench to tighten the steering column adjusters. My Haynes manual says that the tool numbers are 313721 and 313723 - two numbers likely because the manual covers several WC boxers. I cannot find these tools let alone where I can buy one.
[Click to expand...](#)

"When you spend most your time on the back wheel". GG, you need to work on those landings
Any budget spanner (or screwdriver) would work fine. Easy to get to on the RS

ducrazydave, Apr 7, 2018 Report

#6 Unlike Reply

You and ray2 like this.



cymirk

New Member

Messages: 7

Likes Received: 2

Trophy Points: 3



BMW's Part numbers for the OEM Tools for this procedure are the following (after conversion to the new inventory numbering scheme):

(313721) = 83302152902 PIN Wrench \$59.95

(313723) = 83302287420 Adapter Ring
\$72.42

Prices based on MAXBMW parts fiche as of

today. Pretty pricey for a socket pair for me.

cymirk, Apr 8, 2018 Report

#7 Like Reply



Grumpy Goat

Well-Known Member

Contributor

Messages: 4,004

Likes Received: 2,545

Trophy Points: 113



cymirk said: ↑

*BMW's Part numbers for the OEM
Tools for this procedure are the
following (after conversion to the new
inventory numbering scheme):
(313721) = 83302152902 PIN Wrench
\$59.95*

Thanks Cymirk. That is what I was looking for but not at that price. [Here is the link.](#)

I will likely get the adjustable tool and will have to work out the equivalent torque for the torque wrench when located offset in the square hole. The torque spec in the manual is for a wrench located on the axis of the adapter ring, not offset. Other bikes specify this value at a specified offset. The adjustable wrench would be applicable to many different bikes so I can justify the price.

--

Regards
Grumpy Goat
Houston, TX

2016 BMW R1200RS Granite Grey Premium ("Grump the Grey")

Grumpy Goat, Apr 8, 2018 [Edit](#) [Delete](#) [Report](#)
#8 [Reply](#)



I don't have that tool. If it's loose, I'd probably just snug it up with a few taps with a long roll pin punch.

MrVvrroomm

Well-Known Member

Messages: 293

Likes Received: 484

Trophy Points: 63

I ride '18 BMW R1200GSA, '16 R1200RS, '16 PCX150
wife rides '16 R1200RS, '15 PCX 150

MrVvrroomm, Apr 8, 2018 [Report](#) #9 [Like](#) [Reply](#)

Dave, Phillo and Richard230 like this.



MrVvrroomm said: ↑

I don't have that tool. If it's loose, I'd probably just snug it up with a few taps with a long roll pin punch.

Grumpy Goat

Well-Known Member

Contributor

Messages: 4,004

Likes Received: 2,545

Trophy Points: 113

Thanks Bruce. Just wondering is anyone had any specific experience with these tools. This will be the first one of its kind for me.

--
Regards
Grumpy Goat

Houston, TX

2016 BMW R1200RS Granite Grey Premium ("Grump the Grey")

Grumpy Goat, Apr 8, 2018 [Edit](#) [Delete](#) [Report](#)
#10 [Reply](#)



Grumpy Goat

Well-Known Member

Contributor

Messages: 4,004

Likes Received: 2,545

Trophy Points: 113



Just ordered this off Amazon for under \$30. Will do a video when I make the adjustment check. Thanks for the inputs.

--

Regards

Grumpy Goat

Houston, TX

2016 BMW R1200RS Granite Grey Premium ("Grump the Grey")

Grumpy Goat, Apr 8, 2018 [Edit](#) [Delete](#) [Report](#)
#11 [Reply](#)

MrVvrroomm likes this.



Aussie Import

Well-Known Member

Messages: 2,893

Likes Received: 1,973



GG, don't set it by torque, set it to tight, then back off to "free fall left and right" loose. You have to disconnect the steering damper to get this right. Lock it up keeping the loose fitting.

Too loose and the chatter or movement can be felt. Too tight and you will wander. The bike will feel awful, like having pitted head bearings.

Trophy Points: 113

Aussie Import, Apr 8, 2018 Report #12 Like Reply

dcysurfer and Lee like this.



Grumpy Goat

Well-Known Member

Contributor

Messages: 4,004

Likes Received: 2,545

Trophy Points: 113



Aussie Import said: ↑

GG, don't set it by torque, set it to tight, then back off to "free fall left and right" loose. You have to disconnect the steering damper to get this right. Lock it up keeping the loose fitting. Too loose and the chatter or

Yes that is the process in a nutshell but there is also a torque setting for the adjuster - 15 Nm.

Last edited: Apr 8, 2018

—

Regards

Grumpy Goat

Houston, TX

2016 BMW R1200RS Granite Grey Premium ("Grump the Grey")

Grumpy Goat, Apr 8, 2018 Edit Delete Report #13 Reply



I too have always used the long punch method on my bikes in the past but eventually it sort of messes up the

DJBee

Active Member

Messages: 135

Likes Received: 91

Trophy Points: 28

castellated nut a bit, even if you are really careful. Does anyone know where to get the excellent looking adjustable 'C' spanner featured in the Haynes Manual? There are loads of the 'folding' type adjustables available but they don't work very well in my experience. The Haynes one would do a much better job by the look of it.

GG- I love that 'also' got turned into 'algae' in your last post by your predictive text... or at least I presume so! An *algae torque setting* sounds really quite exciting if a bit squishy!

DJBee, Apr 8, 2018 Report

#14 Like Reply

Bravo likes this.



Grumpy Goat

Well-Known Member

Contributor

Messages: 4,004

Likes Received: 2,545

Trophy Points: 113



DJBee said: ↑

I too have always used the long punch method on my bikes in the past but eventually it sort of messes up the castellated nut a bit, even if you are really careful. Does anyone know where to get the excellent looking
Click to expand...

Hahaha ... corrected to read "also" in lieu of "algae" ...

Yes, I don't like the damage to the castellated nut imparted by the punch / screwdriver method, aside from not being able to apply the specified torque.

I ordered the same adjustable in my post from Amazon which was cheaper than on eBay. Not sure where you might source it in the UK maybe Amazon UK?

--

Regards

Grumpy Goat

Houston, TX

2016 BMW R1200RS Granite Grey Premium ("Grump the Grey")

Grumpy Goat, Apr 8, 2018 [Edit](#) [Delete](#) [Report](#)
#15 [Reply](#)



[duccrazydave](#)

Active Member

Messages: 103

Likes Received: 79

Trophy Points: 28



Aussie is right on point about the sensitivity of that adjustment. A minute movement goes a long way. Wait, that didn't sound right

duccrazydave, Apr 9, 2018 [Report](#) #16 [Like](#) [Reply](#)

ray2 and Bravo like this.



Bravo

Plenty in the tank

Contributor

Messages: 2,087

Likes Received: 1,797

Trophy Points: 113



ducrazydave said: ↑

Aussie is right on point about the sensitivity of that adjustment. A minute movement goes a long way. Wait, that didn't sound right

Yes it did

I`m sexy and I know it.

Bravo, Apr 9, 2018 Report #17 Like Reply

ducrazydave likes this.



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