

KIA WHEEL BEARINGS

Kia has had some problems with hubs and bearings. Most Kia's have pressed bearings which need to be removed using a special tool. Many folks find it cheaper and easier to simply replace the hubs. The below info is NOT from Kia. Use it as you like but use common sense!

SEDONA WHEEL BEARINGS REPLACEMENT

Use common sense here as this is NOT from Kia!

well to replace the bearing you need a press, the bearing needs to be pressed out of the hub and pressed back in. I just finished doing the front drivers bearing on a 2003 Kia sedan. the work to take out the wheel assembly is not hard at all . first take off the tire now remove the brakes and the brake assembly undo the 2 bolts that hold the strut to the wheel assembly do not take them off just take off the nuts and leave the bolts in place now undo the bolt to the steering shaft it is a 10mm bolt that has a cotter pin take that cotter pin out and take the nut off, this bolt needs to be take out off the steering shaft with a ball joint separator (or a big hammer put a piece of wood on the bolt and hit it with the hammer it should come off) now look under the wheel assembly there is a bolt that runs across it is the swivel part to the assembly take that bolt out there is a 1/8 slit there stick a crow bar and open it mybe a 16th of an inch very little now there are 2 bolts left they are on the a frame under the half shaft the rubber boot is on top of them take the nuts off these bolts , okay now undo the big nut holding the hub assembly to the drive shaft first you need to take the crimp off the nut so it will turn I think its a 33 mm nut take that nut off now the only thing holding it in plce is the bottom swivel take a long bar and have someone stick it between the swivel and the a frame and press down this will loosen the swivel and the assembly should be loose now hold on to the assembly and have someone take out the strut bolts off the assembly is heavy hold it well. now you can take it to a machine shop or you can do it a home with a sledge hammer and a torch

RIO WHEEL BEARINGS REPLACEMENT

I have a problem with my front left wheel bearing .

I found that **it is better to use the lithium grease with a melting point over 400F and NLG rating of 2.**

Here are my questions:

1. What bearings are better to use - I mean what production company?
2. What else do I need to change when I change a bearing (any rings etc)
3. Any special advices on how to change? Especially about front wheel bearing.
4. Do I really need special tools to remove/press wheel bearings?

front wheel bearings on the rio are prone to failure.

the OEM bearings fail because of poor lubrication. Aftermarket bearings fail because of improper installation.

you NEED the special service tool to properly preload the front bearings. you will need to buy new preload spacers from the dealer. they should have many many sizes in stock.

you dont need any special tools to remove or install the inner and outer races in the knuckle. a press is handy to remove the outer bearing cone from the hub.

the wheel bearings are two pieces, inner and outer, and they are both the same part number. you should also change the inner and outer seals, they are different part numbers. buy yourself some good synthetic NLGI #2 grease, it will help prolong the life of your bearings if you dont use the special service tool.

any of the aftermarket bearings are good enough, SKF, FAG, Timken, etc.. the OEM bearings are KBC, also fine if lubricated properly.

again, beg, borrow or steal the special service tool from the dealership. otherwise, no matter which grease of bearing manufacturer you use they will fail in short order. Guaranteed.

the front axle nut must be tightened to in excess of 100lb-ft. usually it is tightened to 200lb-ft.

IF by tightening the axle nut you gain an increase in bearing preload you have the wrong spacers in the hub. the axle butts against the outside flange of the inboard bearing cone. this flange must be on the same plane as the hub spindle. if it is then tightening the axle nut will have no effect on bearing preload. if it is not, then the preload spacer is either too thick or too thin, either situation will destroy the front wheel bearings in no time.

The dealership cost of labor is \$83 + cost of wheel bearing, seals etc.
I asked them about borrowing tools - they do not do it.

But the good news - is that I can bring them a hub and they will press the bearing in for \$40.

Now the question is: To remove/install a hub - do I need any special tools?

Also, you need to buy multiple sized spacers from the dealer to ensure you get the right torque specs on the bearing or it will guaranteed fail within weeks. I have been thru this garbage for 5 yrs now. If the problem recurs then you have a defective wheel hub and it **MUST** be replaced in order for the bearings to stop failing, thats assuming you or the mechanic you choose knows how to replace a Kia front bearing and I assure you, 99% of mechanics **DONT KNOW HOW!!!!!!**. Save yourself the aggravation, go to the dealer, get a new hub and new bearing and the problem will be gone, once and for all.

Trust me, nobody knows more about these cars than the people who have given you advice on this thread. I have almost 8500 bucks invested in new OEM and aftermarket suspension parts on my car and still had bearings problems up until 3 months ago. You can replace the entire under part of the car and if you don't load the bearings right and get new hubs, you will just keep wasting money.

BASIC CAR REPAIR VIDEOS BELOW BUT NOT KIA CARS!

HOW TO CHANGE YOUR POWER STEERING PUMP VIDEOS!

<http://www.youtube.com/watch?v=5WPLowC6aZo>

http://www.youtube.com/watch?v=8_fARgHGsbQ

CHANGE BRAKE PAD VIDEOS!

<http://www.youtube.com/watch?v=yYnOxEjGq2A>

<http://www.youtube.com/watch?v=8xGb17V6XJg>

WATER PUMP VIDEOS!

<http://www.youtube.com/watch?v=VPs-n>

<http://www.youtube.com/watch?v=1MDeTJtIubE>

WHEEL BEARINGS

<http://www.youtube.com/watch?v=Y-TsTn-3>

<http://www.youtube.com/watch?v=OeSykJguOjY>

<http://www.youtube.com/watch?v=197yHCBg9JE>

REPROGRAM YOUR CAR COMPUTER

<http://www.youtube.com/watch?v=Mc0aMxSdat4>

FUEL INJECTORS

<http://www.youtube.com/watch?v=bKGI9N>