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Revision 1
7 Jul 12

Instructions for ImprovedParts.com's BMW Special Tool #**312120**

1. Raise the corner of the car with the bad wheel bearing.
2. Remove the wheel.
3. Pry off the dust cap.
4. Bend out the tabs on the axle nut, then remove the nut. This will require a large breaker bar or an impact gun as it is torqued to approximately 200 ft-lbs. You will also need a deep thin wall 36mm socket to remove the nut.
5. Remove the old wheel bearing assembly (hub and all) from the axle shaft with a puller. After you remove the hub, the inner race of the inside bearing will most likely remain. Pull this off as well.
6. Slide the new wheel bearing assembly on the axle shaft as far as it will go by hand.
7. Now loosen the nut on the bearing tool so that the center portion, also known as the puller, sticks out of the shell. Turn the threaded rod to screw the puller onto the threads at the end of the axle shaft. Screw it on until it bottoms out. There is no need to torque it so long as it is threaded on fully.
8. Now slide the shell against the bearing assembly and run the nut down snug.
9. Use a wrench to turn the nut and drive the bearing on. Stop when the bearing is fully seated and the nut torque rises sharply. Very little torque is required to drive the bearing on the shaft.
10. Loosen the nut and unscrew the puller from the axle shaft. Remove the tool and set it aside for later use.
11. Install the axle nut and torque to the service manual specification.
12. Bend in the tab to prevent the nut from rotating.
13. Reinstall the dust cap.
14. Reinstall the wheel.
15. Lower the car.
16. Torque the lug nuts to specification.
17. Congratulations, you've just installed a new wheel bearing assembly using the ImprovedParts.com Wheel Bearing Installer Tool!