



## Brake disc hubs (KF) Assembly/disassembly



### I. General recommendations

- 1) Always check the technical manual for the vehicle.
- 2) Check that you have the correct tools to carry out the fitment of the disc hub to the manufactures specifications.
- 3) Make sure all fitment tools are in good condition, and the working area is clean and safe
- 4) Make sure you have purchased the correct kit for the vehicle prior to fitment, parts should not be removed from their packaging until they are ready to be fitted.
- 5) It is strongly recommended that both rear disc hubs are replaced at the same time to avoid any safety issues, when replacing any disc, it is also recommended that new brake pads are always fitted.
- 6) The kit is supplied with all the new nuts bolts and caps required to fit the disc to manufactures specifications. Old nuts bolts and caps should never be reused.
- 7) Never disassemble or separate the components of a hub disc.
- 8) If any abnormal noise's are heard during the fitment process, the disc must be removed and the bearing checked for cracks or other damage, if any damage is found the disc must not be fitted.
- 9) To avoid damage to the encoder, keep it away from magnetic fields.  
The plastic protection cap should only be removed just before fitment.
- 10) The correct tightening torque setting can be found on the label of the disc hub outer box.
- 11) Apply the tightening torques specified by the manufacturer, remember to turn the disc whilst applying the torque setting.

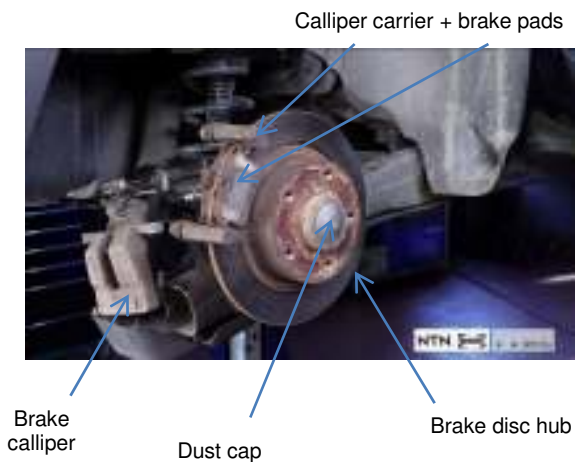
### II. Required tools

Brake piston wind back tool (part no. OE KM-6237-C)

## III. Removal

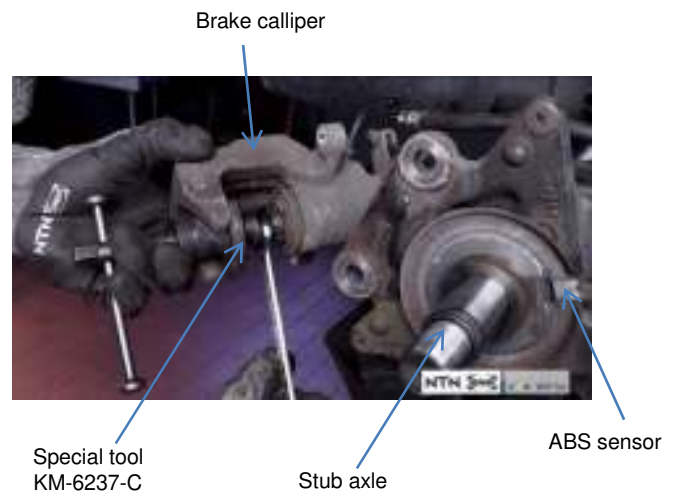
1. Dismantle in the following sequence

- Rear wheel
- Brake calliper followed by the carrier and the brake pads
- Dust cap
- Wheel hub nut
- Brake disc hub



2. Before installing the new brake disc hub:

- Clean the stub axle
- Take care not to damage the ABS sensor
- Push while turning the brake calliper piston back in with brake piston wind back tool (OE KM-6237-C)

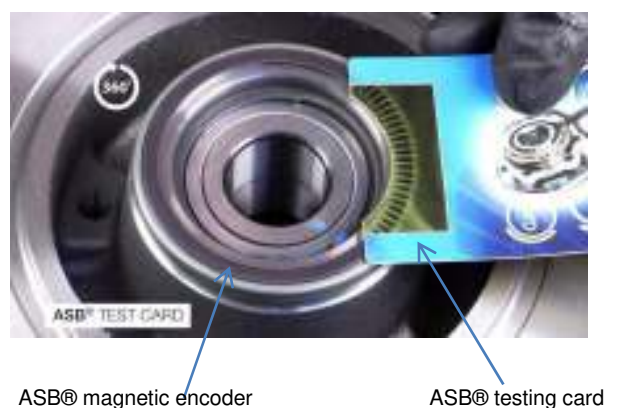


## IV. Installation

3. The NTN-SNR kit contains all of the parts needed for the installation of the disc hub. It is important to replace all of the components supplied in the kit. The components are necessary for the correct operation of the brake disc hub.



4. Before fitting the new brake disc hub remove the plastic ASB® protective cover. Take care to protect the magnetic encoder from impacts. Avoid all contact with dirty or magnetic surfaces. Check that the magnetic poles are not damaged using the ASB® testing card



5. Install the new components in the reverse order to that in which they were removed:

- Install the new brake disc hub on the stub axle
- Take care not to damage the ABS sensor
- Install the new nut
- Use a torque wrench to tighten the nut to the correct tightening torque specified by the manufacturer, the torque setting can be found on the product label.
- Install the new grease cap



To help insure the correct fitment of the disc hub, NTN SNR list the correct torque setting for the product on the product box label.



6. Final steps:

- Re-install the calliper carrier
- Install the new brake pads
- Re-install the brake calliper
- Re-mount the wheel

## Recommendations

Follow the vehicle manufacturer's installation procedures and apply the specified tightening torques.

Refer to the vehicle applications in our online catalogue: [eshop.ntn-snr.com](http://eshop.ntn-snr.com)

Watch the installation video about brake disc hubs on the NTN-SNR YouTube<sup>ge</sup> channel: <https://www.youtube.com/watch?v=MWfSaZorWAw>



Scan this QR code to access our online catalogue.

FOLLOW THE RECOMMENDATIONS OF THE VEHICLE MANUFACTURER

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