

## PzIV Road Wheels' Sealed Bearings Installation

Read instructions carefully before assembly

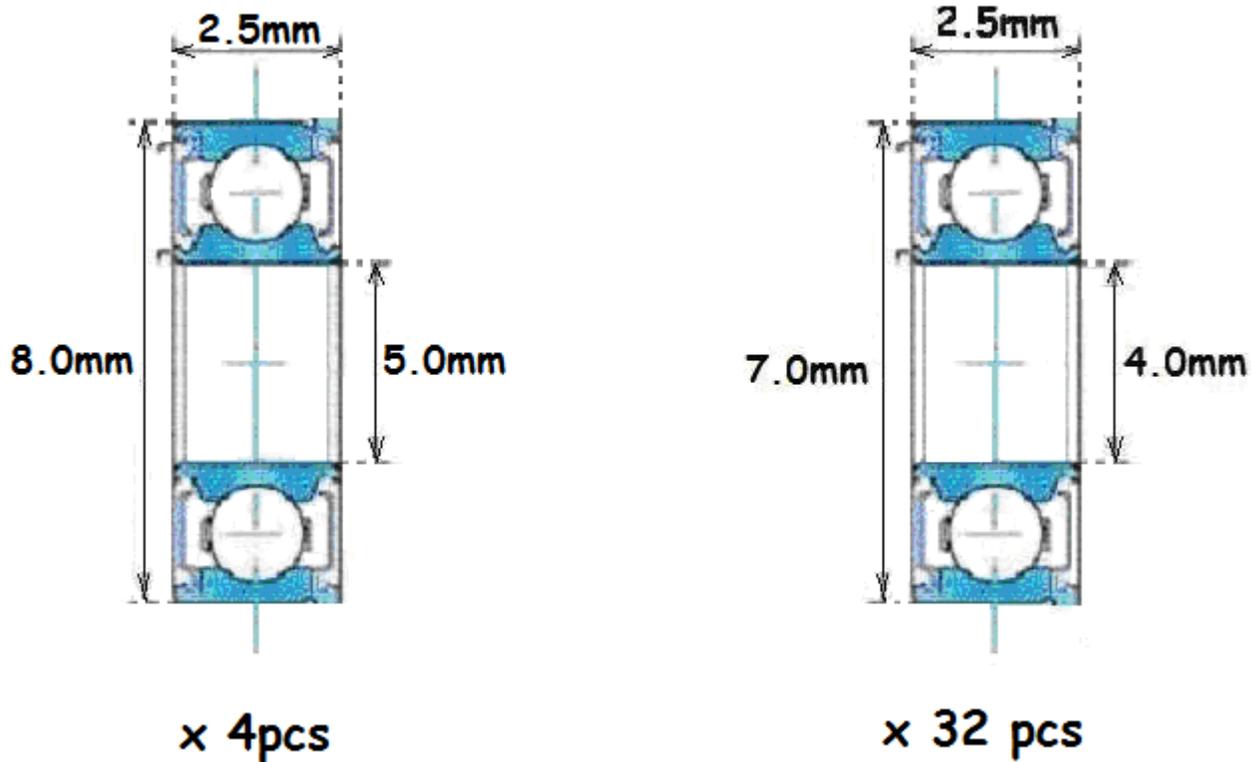
### Tools Required

1. Hand drill (generically known as Dremel)
2. Router bit for hand drill
3. 7mm drill bit
4. Safety goggles

### Note

This set of 36 pieces of high quality sealed bearings to replace the stock brass bushings  
740 Bearings (32pcs) to replace stock bushings, p/n ME2  
850 Bearings (4pcs) to replace stock bushings, p/n ME1

### IMPACT 740 & 850 Non-Flanged Sealed Bearing



- 1 When 740 bearing is placed into road wheel A7, there is a protrusion height of 0.85mm.



- 2 When 740 bearing is placed into road wheel A3, there is a protrusion height of 0.65mm.



- 3 The portion shaded in **RED** will have to be reworked to a lower depth to have the bearings sitting in flush



4 One method to rework the depth, is by using a 7mm drill bit.

Since taking down the depth is very minute, it would be better to hand twist the bit.

Try sitting in the bearing after every twist to make sure that it is not over reworked.



5 Alternatively, if you had a steady hand with an electric hand drill (also generically called Dremel), using a router bit, it can also be used to rework the desired depth.



When working with an electric hand drill, it is always a good practice to put on a pair of safety goggles.

Try sitting in the bearing after every twist to make sure that it is not over reworked.



6 When 740 bearing is sitting in flush to the wheel, the rework is completed.

As shown in road wheel A7



- 7 When 740 bearing is sitting in flush to the wheel, the rework is completed.  
As shown in road wheel A3



- 8 Fit the reworked road wheels into PzIV suspension. Spin the road wheels with your finger to ensure that it is working smoothly and the road wheels must be rotating very smoothly without any binding or resistance.
- 9 850 bearings when replacing the stock bushings (p/n ME1), does not require any rework on the idler wheels.  
Just drop 850 bearings directly into the idler wheel, as you would for the stock bearings.

The reworked wheels with sealed bearings are now ready to continue for assembly for your PzIV.