

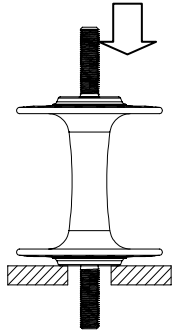
Bearings Replacement – HBT Hubs

Part 1 AXLE & BEARING REMOVAL

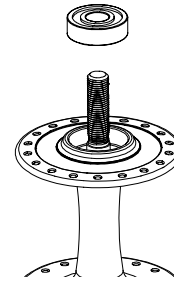
The bearings in the hub have precision deep groove ball races which are permanently sealed and lubricated. Under normal operating conditions they should last for the life of the hub. If the axle or bearings require replacement for any reason an axle replacement unit is available. Ideally a bench press should be used for this operation.

1. Using a suitable drift, drive the axle and R.H. bearing out of the hub shell. When applying pressure to the L.H. axle end ensure that the hub shell is supported by the R.H. bearing housing and not by the flange.

NB. Take careful note of the 'left-right' orientation of the axle since the replacement axle must be fitted in the hub the same way around.



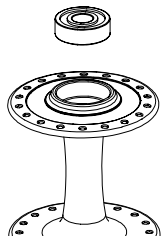
2. With the axle removed, invert the hub shell and drive out the L.H. bearing using an 11-12mm drift (or old axle).



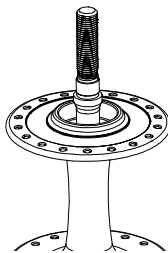
NB. Do not attempt to refit used bearings once they have been removed from the hub.

Part 2 BEARING & AXLE REPLACEMENT

1. Thoroughly clean the bearing unit housings with a clean, dry cloth.
2. Using a suitable cylindrical punch, (or in the absence of a suitable punch use the old bearing unit) press a new bearing unit into right hand bearing housing. Pressure should be exerted across the full face of the unit.



3. Having noted the correct orientation of the axle, insert it in place from the left hand side of the hub until the axle's 'shoulder' butts up against the bearing unit.



4. Slide the left hand bearing unit into place and press home using a suitable punch exerting pressure across the full face of the bearing unit whilst supporting the right hand bearing across the full face.