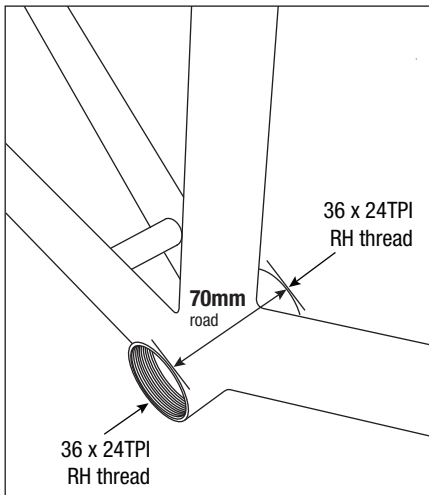


Installation Guide | Enduro Italian Bottom Brackets

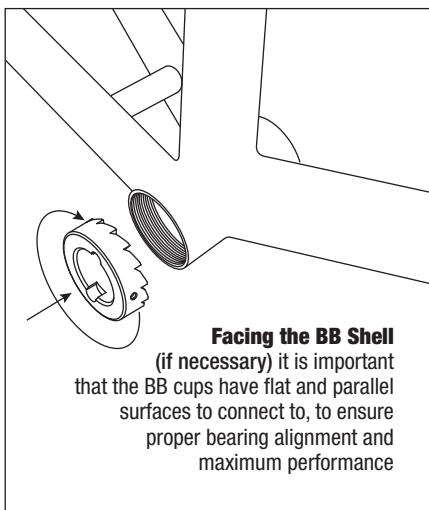
1 Confirm Specifications

Italian bottom bracket standards



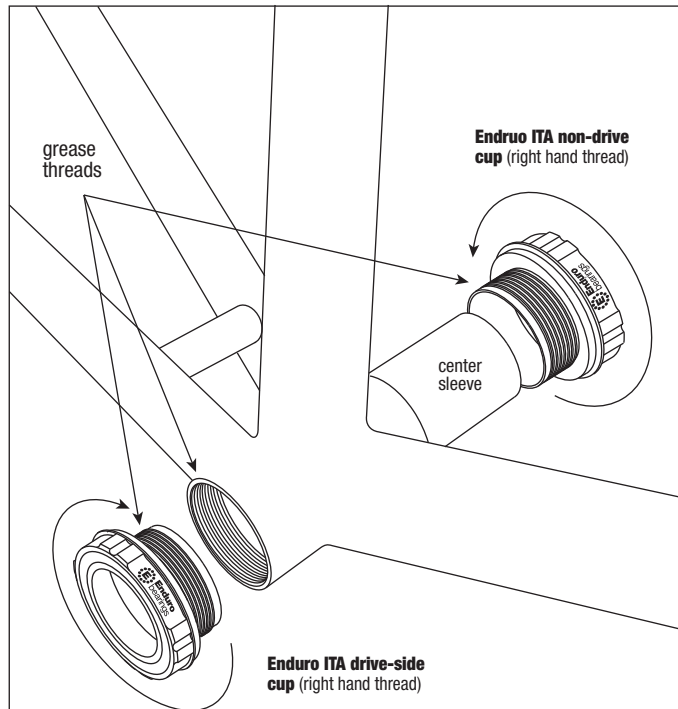
2 Prep BB Shell

with facing tools, if necessary



3 Grease Threads and Install Cups

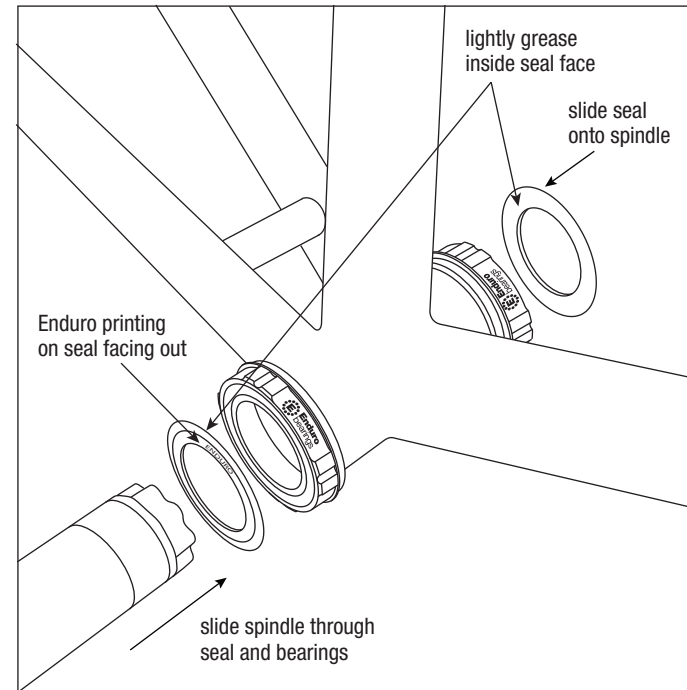
with appropriate tools



1. Apply a light coating of grease onto the threaded surfaces of the BB cups and BB shell
2. Thread in the BB cups as far as possible by hand. Please be aware that with Italian thread BBs, the both the drive-side and non-drive are right-hand thread. Insert the center sleeve between the cups if necessary.
3. Torque BB cups with splined BB tool to 40-50Nm. Spine tool specification is Shimano FC-32 for ITA 24 (Enduro tool BBT-010 or BBT-015). ITA 29 & 30 cups requires a BSA 30 (46mm x 12) spline tool like Enduro tools BBT-029 or BBT-036.
Please be aware that RH thread, drive-side cups can be prone to loosening under use. Please torque appropriately and check often.

4 Install Seals and Crankset

and set bearing pre-load



4. Apply a thin film of grease onto the flat face of both seals and the BB spindle. Slide the first seal onto the BB spindle, flat face facing the bearing
5. Slide the BB spindle through the bearings, contacting the inner bearing seals. Slide the other seal onto the spindle, flat face facing the bearing
6. Install crankarms as recommended by the crankset manufacturer
7. Check the chainline and adjust with spacers (included) if necessary
8. Use crankset preload device or light wave washer to remove any side to side movement in the system and to add a light axial load onto the bearings. (Enduro A/C bearings require a slight axial load to ensure optimum performance.) Torque adjuster to 2Nm or enough pressure to barely flatten a light (0.4mm) wave washer. Add additional spacers, if necessary, to remove any excess freeplay.
6. Confirm that crankarms are torqued to manufacturer specs