

Square Taper BB

American Classic Square Taper Bottom Bracket Installation

American Classic bottom brackets feature a system that allows easy lubrication of the cartridge bearings. This system virtually eliminates intrusion of contaminants into the bearings. It is very important to inject grease throughout the system immediately after initial installation. Grease is injected by removing one crank bolt, and using a common needle style grease gun to **SLOWLY** inject grease inside the spindle. Grease will flow from the outer lip of the bearing seal.

Frame Prep:

A properly tapped and faced bottom bracket shell will greatly reduce problems with installation and adjustment. We highly recommend this is performed before installation of our bottom bracket.

Assembly:

We recommend that lock-tite or teflon tape be used on the cup threads. This will prevent loosening or creaking of the cups.

1. Make sure that each half of the plastic sleeve is firmly seated in each cup. Install the drive side cup (marked LEFT) into the drive side of the shell, but do not tighten lock ring. This cup and lock ring are installed counter-clockwise.
2. Insert the spindle into the installed cup and install the right crankarm. Measure the chainline. Remove the crankarm and make any chainline adjustment with the drive side cup. Now fully tighten the right lock ring.
3. Install the non-drive side cup (marked RIGHT). This cup and lock ring are installed counterclockwise. Adjust until side play is eliminated from the spindle then tighten lock ring. Do not over tighten the bearings or premature bearing failure will occur. When properly adjusted and the crankarms mounted, a small amount of play may be detected. This is normal and guarantees the bearings have not been over tightened.

Maintenance:

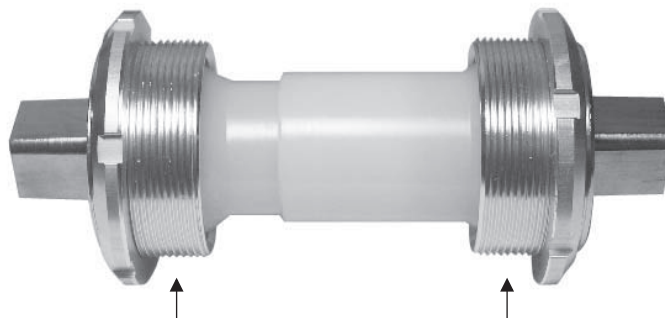
Grease injection intervals are determined by riding conditions. Wet and muddy conditions require more frequent applications.

Tools needed for installing the cups:

Hex tool, supplied with Bottom Bracket's before 03/01/06 or **Shimano ISIS tool**, needed for Bottom Bracket's after 03/01/06

NON-DRIVE SIDE
The crankarm side without gears.

DRIVE SIDE
The crankarm side with gears.



Cup Label Says:
1.370" x 24 TPI – RIGHT –

Right-Hand Thread... The Cup and Lock Ring thread into the bottom bracket shell **CLOCKWISE**

Cup Label Says:
1.370" x 24 TPI – LEFT –

Left-Hand Thread... The Cup and Lock Ring thread into the bottom bracket shell **COUNTERCLOCKWISE**

All repairs should be performed by a Professional Bicycle Mechanic.