

Celect Adjustable Push Rod Kits

DIPACO has developed adjustable push rod kits for testing Celect injectors on the Rabotti IPC200 EUI test bench and IPC300 / IPC400 cam box. These kits allow the Celect injector to be tested under optimal conditions, providing consistent delivery, and injection pressure measurements. The adjustable push rod is used to establish the metering plunger in a position similar to its operating position on an engine and compensates for the dimensional differences between injectors.

Kit part number IPC200-APR is for the IPC200 test bench. This kit includes three adjustable push rod assemblies, a pin wrench, and two 20 mm shims.

Kit part number IPC300/400-APR is for the IPC300 and IPC400 cam box. This kit includes one adjustable push rod assembly, a pin wrench, and two 20 mm shims.

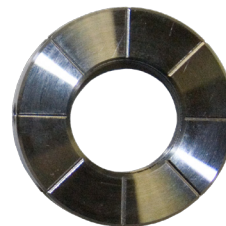
For Operation Instructions see next page.



**Adjustable
Socket**

**Threaded
Body**

**Locking
Ring**



Operation Instructions

01. The 20mm shim must be used in addition to the shim specified for each injector part number.
02. Remove the adjustable socket (part with letters on the wrench faces) from the assembly.
03. Screw the threaded body with locking ring onto the IPC200 tappet and tighten with an allen wrench.
04. Reinstall the adjustable socket and position it at its lowest point.
05. Install the injector to be tested.
06. Rotate the drive to position the cam box lifter at its maximum lift.
07. Rotate the adjustable socket counter clockwise until the follower bottoms in the injector body. To obtain consistant results tighten the socket to 35 in. lbs.
08. Note the location of one letter and its alignment mark. The marks on the locking ring can be used as a reference point.
09. Referencing the letter and alignment marks, rotate the adjustable socket exactly one turn clockwise.
10. Lock the adjustable socket in place with the locking ring and pin wrench.
11. Rotate the drive by hand to insure that the follower is not bottoming in the injector body.
12. On an IPC200 repeat steps seven through twelve for the other two cylinders.