

## V-Twin Mfg. Rake Neck Cup Kit

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

### These Assembly instructions are for the following V-Twin Mfg. Parts:

- 24-0274** - Stainless Steel Rake Neck Cup Kit, fits BT models; Includes bearings & dust shield set.
- 24-0283** - Chrome BT Neck Cup, with 3 degree rake, Includes bearings, races & dust cover set.
- 24-0289** - Chrome Neck Cup Kit, with 3 degree rake, fits 1952-1978 XL, use with 7/8" stem size only.
- 24-0291** - Chrome 3 degree Raked Neck Cups, fits 1979-1981 XL.
- 24-0295** - Chrome 3 degree Raked Neck Cups, fits 1949-1984 FLH, 1971-1984 FX, 1984-1987 FXST

Be sure you can perform installation of this frame cup set satisfactorily. If you have any doubts about a successful installation you may want to let your dealer install them for you. Read instructions carefully before attempting installation.

### Installation Instructions:

1. Remove complete front fork from frame. (See Service manual)
2. Remove stock upper and lower frame cups.
3. Check inside the steering head (frame neck) and be sure there is enough room for the fork stem when it is mounted in the 3 degree angle that your new frame cup set will provide. Remove material when necessary.
4. Install the top frame cup (marked with a 'T' and a "DOT") Make sure the dot in the head cup points exactly to the front. You may find it easier to mark the frame neck as well.
5. Install the lower frame cup again make sure the dot in the head cup points exactly to the front. Both "DOTS" on the frame cups will now be in line with each other
6. Using an 1/8" drill bit, drill 4 pin holes through lower cup into the frame 3/8" deep. Install the (4) 1/8" roll pins through the cup into neck. Install the lower race into the neck cup.
7. Install the head bearing races in the cups.
8. Assemble the steering head - stem and front fork.
9. Your fork will now have an extra 3 degree angle forward.

**NOTE:** The motorcycles ground clearance will be less depending on the type of frame (rake) you have. Also trail will be decreased and this may have a slight effect on handling.

