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.

Read instructions carefully
Note: 16-1766 installer and 16-1768 remover tool for bearings or similar tools, are required for installations.

Models with 39 mm Forks.
1. Remove complete front fork from frame.
2. Remove stock upper and lower frame neck race.
3. Install spacer 24-0490 in upper frame neck.
4. 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° angle that your new frame cup set will provide. Remove material when necessary.
5. Press stem from lower triple tree, and replace with longer VT No. 24-0293 stem.
6. Install new snap ring on stem.
7. 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.
8. 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.
9. Using an 1/8" drill bit, drill 4 pin holes through lower to cup into the frame 3/8". Install (4) 1/8" roll pins through the cup into the neck. Install the lower race into neck cup.
10. Install the head bearings.
11. Assemble the steering head stem and front fork.

NOTE: Your fork will now have an extra 30 angle forward. Note that your motorcycle's ground clearance will be less.

QTY	VT No.	Item
1	24-0295	Cup set with race installed in upper cup
1	12-0383	Race for lower cup
1	24-0293	Stem (longer)
1	12-0979	Snap Ring
1 pr	12-0384	1" i.d. bearings
1 pr	24-0114	Dust covers
1	24-0290	Upper spacer for frame
4	-	1"x1/8" roll pin

Note: Lower cup has frame spacer built in.

"T" (TOP)
Mark
Spacer
Mark

Sideview

"T" (TOP)
Steering Head Marks
Cup Marks

Frontview