

# LINKAGE INSTALLATION INSTRUCTIONS

## FOR SOFT PROGRESSIVE LINKAGE KIT NO. 20-20

This cam is designed for dual four barrel application with near 1 to 1 linkage operation. It allows the engine to run on the primaries only, during staging and in the pits. It also provides for better driveability due to reduced throttle effort.

### INSTALLATION

1. Remove the primary throttle plate screws, and remove throttle plate. (See Fig. 1)

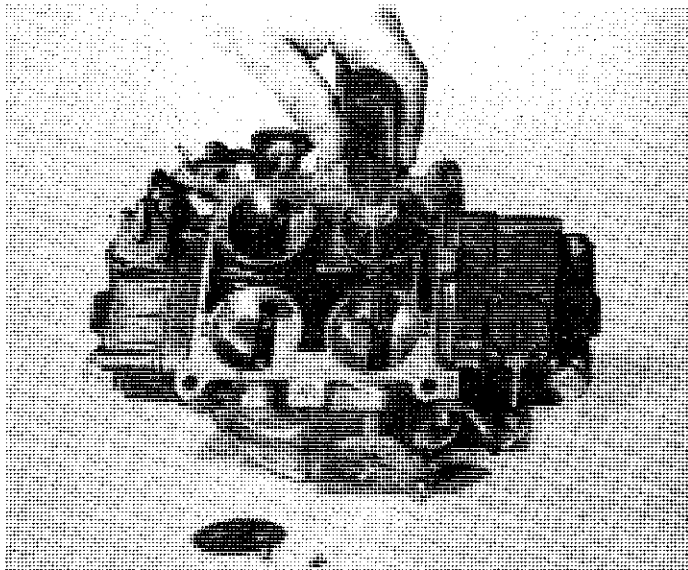


Fig. 1

2. Using an Allen Head Wrench, remove the Allen Head Screw that goes through the primary shaft, and remove the primary throttle shaft. (See Fig. 2)

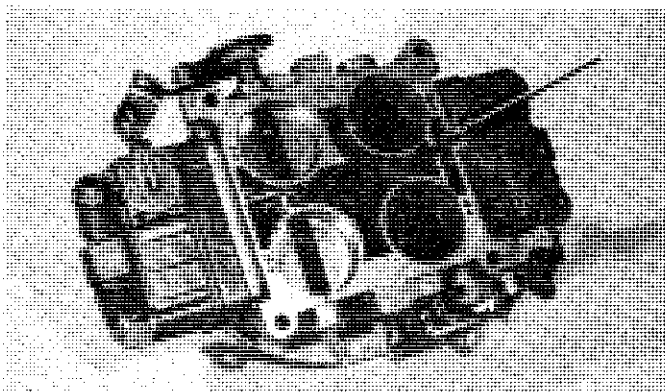


Fig. 2

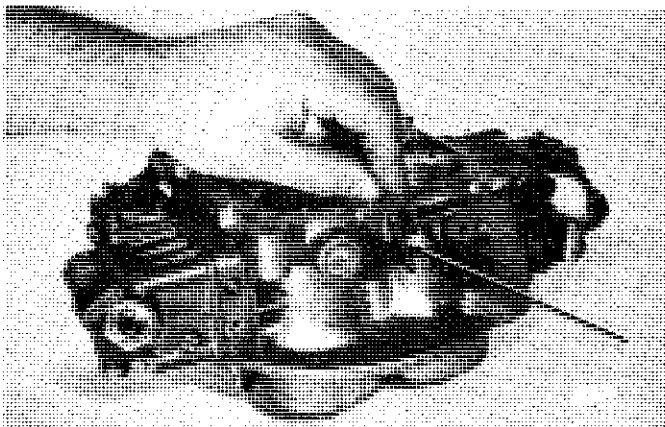


Fig. 3

3. Using an Allen Head Wrench, remove the Allen Head Screw that goes through the side of the carburetor. (See Fig. 3)

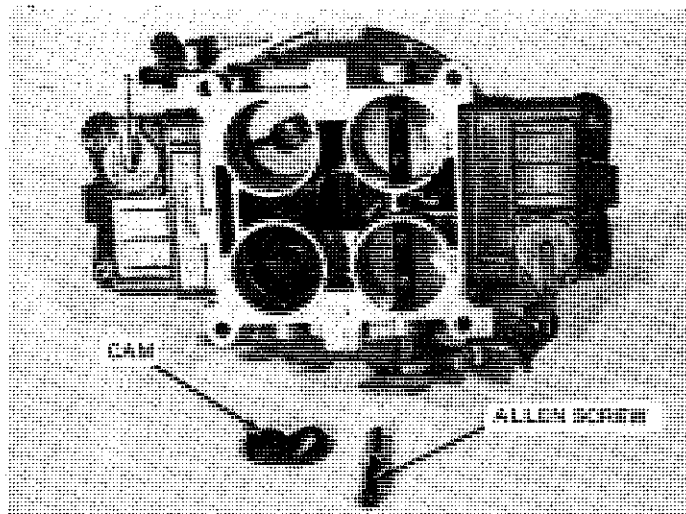


Fig. 4

4. Remove the linkage cam using a pair of needle nose pliers. (See Fig. 4)

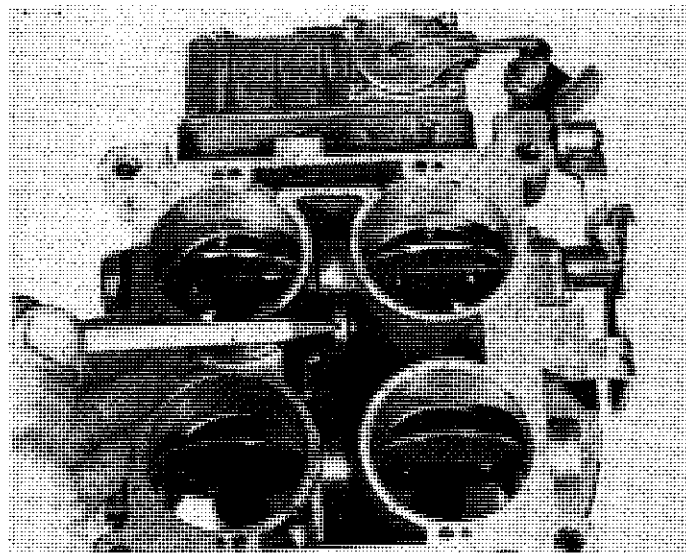


Fig. 5

5. Install the new cam (supplied) and complete the reassembly in reverse order of disassembly, noting the position of the cam. (See Fig. 5)
6. Before tightening the new throttle plate screws (supplied), temporarily back-off on the primary idle air adjustment so that the plates can be properly fitted in the bores at closed throttle. Crimp the throttle plate screws using a pair of vise grip pliers. Use care not to damage the plates. Be sure the screws are upset sufficiently to prevent backing out. On Allen Head Screws, before assembly, spray threads with Loctite Primer 'T', then use 1 drop of Loctite Sealant Grade A (red). After assembly, check carburetor linkage for binding or sticking.

**WARNING:** Too much Loctite can and will cause throttle shafts to bind.