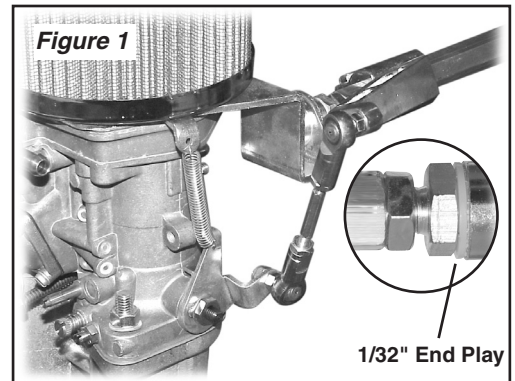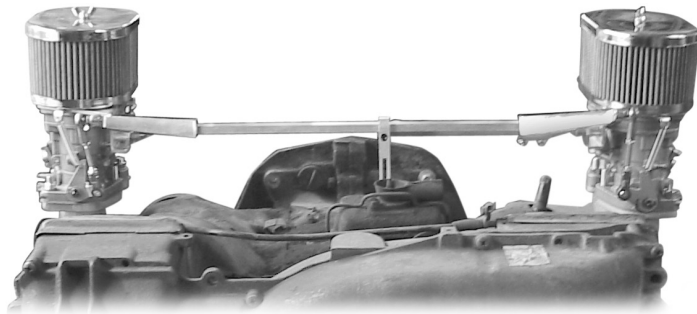# INSTALLATION INSTRUCTIONS FOR TYPE 4 IDF WEBER LINKAGE
READ THOROUGHLY ALL STEPS OF THESE INSTRUCTIONS BEFORE BEGINNING THIS INSTALLATION.

Figure 1

1/32" End Play

BENCH ASSEMBLY

1. Install the throttle levers **(See Figure 1 & 2)** on left carburetor install the throttle stop tab prior to installing the throttle lever. Relocate left carburetor idle screw to opposite end of carburetor.
2. Replace fuel enrichment lever assembly from right carburetor with block off plate in kit. Use short screws & washers in kit **(See Figure 3).**
3. Install plastic bushings into linkage mounts.
4. Remove studs from carburetor top. Note locations of long & short studs.
5. Install linkage mounts onto carburetors, followed by air filter bases using gaskets, long & short 6mm bolts and lock washers in kit **(See Figure 4).**
6. Install the jam nuts and swivel ball-ends onto small hex rods, gold nuts and swivel ball-ends with a groove are for left hand thread.
7. Install the carburetor linkage rods to each of the carburetor throttle levers. Connect the carburetor return springs to each of the carburetor throttle levers and hook other end of spring to tab hanging down from air filter base.
8. Slide center pull lever and the left and right extension arms onto the hex bar so there is approximately 90° between centerlines of extension arms compared to the center pull lever. Install retension hardware onto the parts, but do not fully tighten at this time. Install jam nuts onto ball-ends and thread ball-ends into each end of the hex bar.
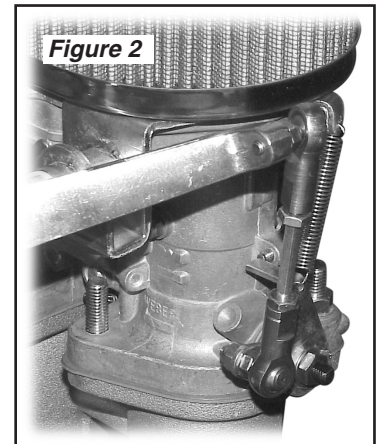
Figure 2

FINAL INSTALLATION

1. Install left carburetor assembly.
2. Insert centering spring into linkage bracket bushing of left carburetor. Insert left hand ball-end of hex bar assembly into left bracket bushing against centering spring. Temporarily support to perform next step.
3. Install right carburetor assembly leave mounting nuts loose at this time.
4. Install centering spring into right carburetor linkage bracket bushing, tilt carburetor assembly and insert right bar ball-end of hex bar into linkage bracket bushing.
5. Carefully tighten right manifold nuts keeping an eye on the hex bar end play. If hex bar starts to bind as nuts are tightened - **STOP.** Check if hex rod ball-ends are threaded in fully into hex rod. Some installations will require shorting of hex bar. **Hex bar is designed with sufficient internal thread length to allow removal of up to 1" off of either side.**
6. After right manifold nuts are tight, adjust hex bar ball-ends to achieve approx. 1/32" clearance between bushing flange & ball flange. After ball ends are properly adjusted, lock the jam nuts in place **(See Figure 1).**
7. Install carburetor linkage rods into outer most holes in extension arms.
8. Locate hex bar extension arms so linkage rods are "centered" vertically when in the 1/2 throttle position, tighten extension arm fasteners. Locate center pull lever to align with throttle cable and tighten fastening bolt.
9. Adjust carburetor linkage rods so both carburetor throttle levers are resting on idle adjust screws. Leave jam nuts loose.
10. Check throttle operation for free movement. If there is any indications of sticking or binding, correct as necessary before proceeding.
11. Install the throttle cable trunion and shortner. Align the center pull lever on the hex bar with the throttle cable and tube. Secure it in place by tightening the set screw.
12. Position the stock throttle cable next to the shortner and measure the excess cable to be cut.
13. Once you have correctly measured the amount of cable to be removed, cut the cable. Install the new cable end into the shortner. Lock the cable in place by tightening down the set screw. **NOTE: WHEN SETTING THE CABLE ADJUSTMENT AT CENTER PULL LEVER, THE ACCELERATOR PEDAL SHOULD BE AT "FULL STOP" AND THEN CABLE IS SET AT CARBURETOR "FULL THROTTLE STOP". THIS WILL KEEP YOU FROM OVER-EXTENDING YOUR CARBURETOR LINKAGE AND THROTTLE SHAFTS.**
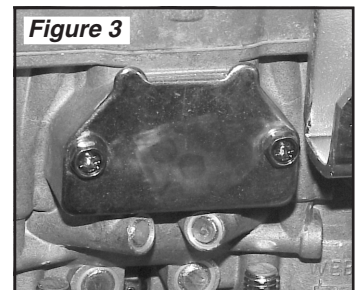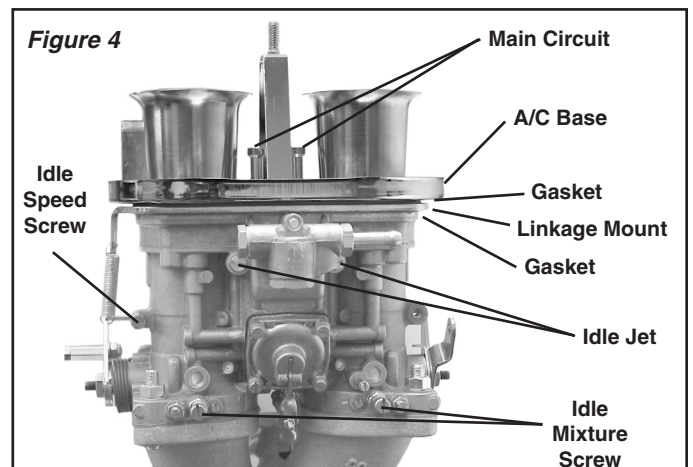14. Complete the installation of the air filter assemblies.

Figure 3

Figure 4

- Main Circuit
- A/C Base
- Gasket
- Linkage Mount
- Gasket
- Idle Jet
- Idle Speed Screw
- Idle Mixture Screw