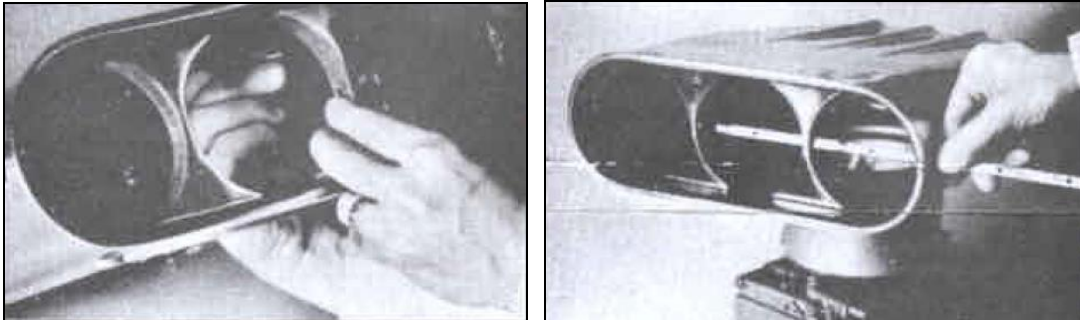




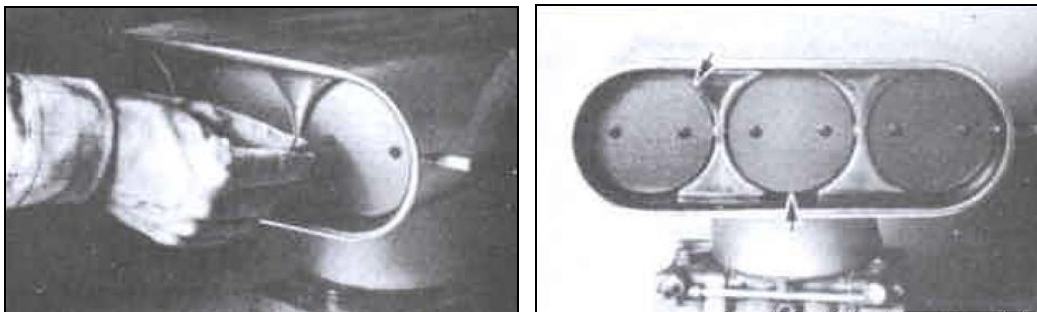
## STREET SCOOP #6650G & 6658 INSTALLATION INSTRUCTIONS

1. Place the rod support brackets in position onto the mounting bosses – polished side forward. Use the four ¼-20 x 5/8 hex head screws and lock washers provided to fasten the brackets to the bosses (**Figure 1**). Finger tighten only. This will allow for final adjustment when the scoop is completely assembled.
2. Determine which side your carburetor linkage will mount and insert the shorter end of the throttle rod into the hole in that side of the scoop. Pass the rod through both of the rod supports and through the hole on the opposite side of the scoop (**Figure 2**).



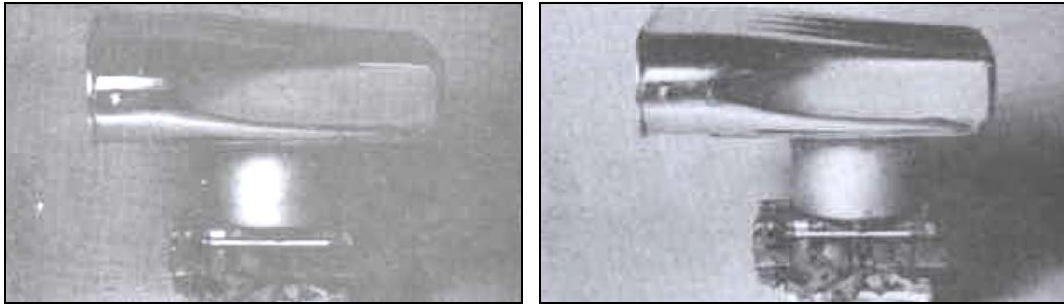
**Figures 1 & 2**

3. Attach throttle plates to the throttle rod using the six screws and lock washers. Finger tighten only (**Figure 3**).
4. Rotate throttle rod through full travel and check for clearances around throttle plates (**Figure 4**). Adjust the plates and throttle rod supports so that there is no contact between them or between the plates and the scoop. When all adjustments have been made, tighten the throttle rod support screws and the throttle plate screws securely.



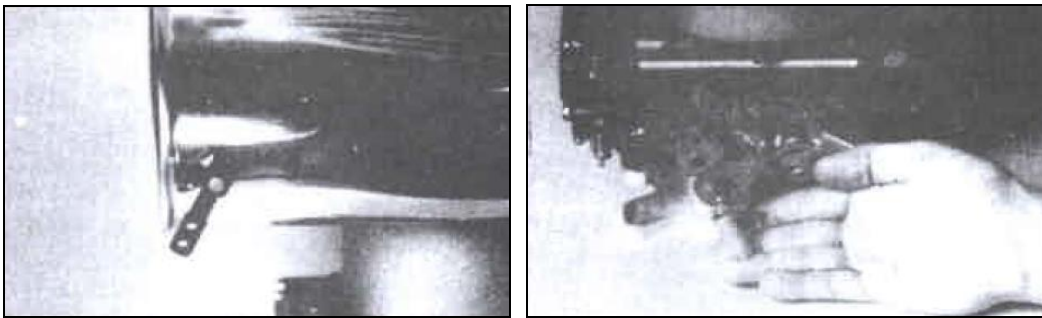
**Figures 3 & 4**

5. Remove any existing air cleaner parts from carburetor.
6. Included in this kit are two different mounting flanges. The cast aluminum flange is recommended for mounting the scoop. However, the stamped steel flange may be used.
7. Place mounting flange onto carburetor with slots running parallel with the centerline of the scoop mounting position.
8. Screw ¼-20 nut onto one end of the mounting stud. Insert opposite end of stud through center hole in mounting flange spider and screw it into carburetor. Do not tighten the nut down onto spider.
9. Place the scoop onto the mounting flange. Note that the flange may be rotated 180° to allow for approximately 2" of adjustment in the mounting location of the scoop (**Figures 5 & 6**).



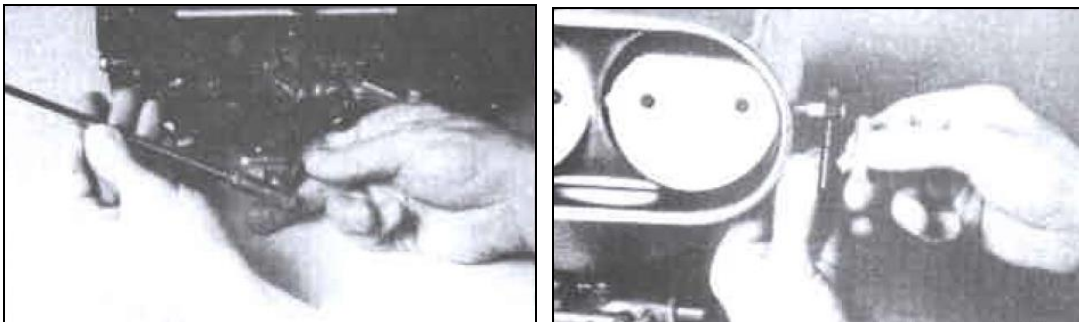
**Figures 5 & 6**

10. When the final position of the mounting flange has been established, screw the mounting stud nut down until it contacts the spider. Do not overtighten.
11. Place air filter element into recess of the mounting flange. Drop air cleaner top down over mounting stud and onto air cleaner element. Screw wing nut onto stud and tighten air cleaner top and element securely.
12. Place the scoop on top of the mounting flange. Position the scoop so that all of the tapped holes are visible through the slots in the flange. Install fastening screws and flat washers. Tighten screws securely.
13. Slide throttle arm onto throttle rod and tighten locking screw so that arm is snug, but able to be rotated. Approximate position should be 15° ahead of vertical (**Figure 7**).
14. Attach ball joint assembly to carburetor throttle lever with lock nut and tighten (**Figure 8**).



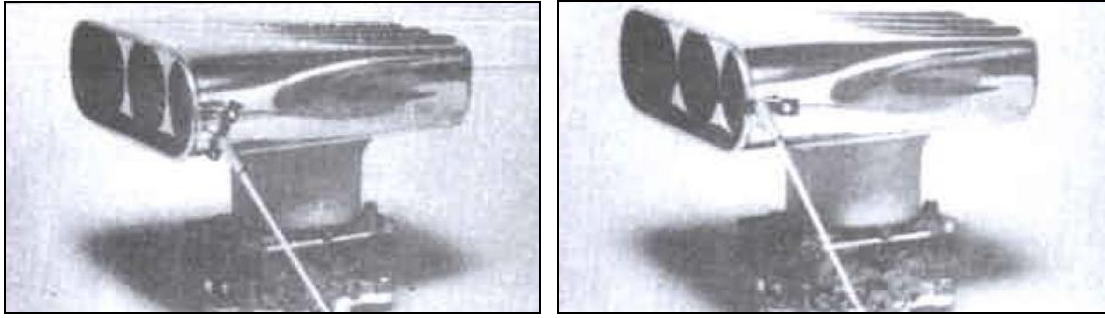
**Figures 7 & 8**

15. Included in this kit are two types of linkage rods – one is formed and one straight. Determine which one best suits your application. Screw jam nut onto linkage rod. Screw linkage rod into the ball joint assembly on the carburetor (**Figure 9**).
16. Screw jam nut onto scoop end of linkage rod. Screw ball joint assembly onto linkage rod in position so that the threaded stud on the ball joint slips through the hole in the scoop arm. Use lock nut and tighten securely (**Figure 10**).



**Figures 9 & 10**

17. With linkage connecting the carburetor throttle arm and the Street Scoop throttle arm, position the throttle plates so that they are approximately 3/16" open (**Figure 11**). Check total travel of the throttle plates with carburetor fully open. Adjust throttle plate rod's position on arm to achieve optimum desired throttle plate movement (**Figure 12**). Tighten throttle arm set screw.



**Figures 11 & 12**

18. Additional adjustments can be made on throttle arm positioning by repositioning ball joint assemblies. When all adjustments are complete, tighten all jam nuts.

19. It is imperative that scoop and carburetor linkage works freely with no binding whatsoever. User discretion is advised.

**NOTE:** Due to the physical size and location of scoop, driver's view may be obstructed. Inquire with authorities before street use. It is recommended that you periodically check all fasteners for tightness every 500 miles.

Item	Qty	Description
1	1	Scoop
2	2	Throttle Rod Support
3	4	Rod Support Screws 1/4"-20 x 5/8"
4	4	1/4" Lock Washer
5	1	Throttle Plate Rod
6	3	Throttle Plate
7	6	Throttle Plate Screw 8-32 x 3/8" Button Head
8	6	Lock Washer #8
9	1	Throttle Arm
10	1	Throttle Arm Set Screw 6-32 x 1/2" Socket Head
11	2	Throttle Linkage Rod
12	2	Ball Joint Assembly
13	2	1/4"-28 Jam Nut
14	2	1/4"-28 Whiz Lock Nut
15	1	Mounting Flange (Case Aluminum)
16	4	1/4"-20 x 1/2" Whiz Lock Screw
17	4	1/4" Flat Washer
18	1	Air Filter Element
19	1	Air Filter Top
20	1	Mounting Stud
21	1	Wing Nut
22	1	1/4"-20 Nut
23	1	Mounting Flange (Stamped Steel)

