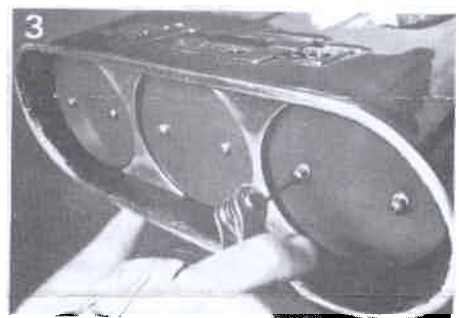
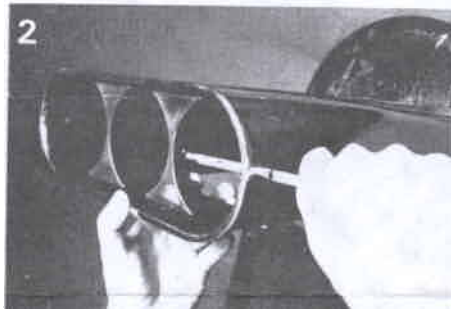


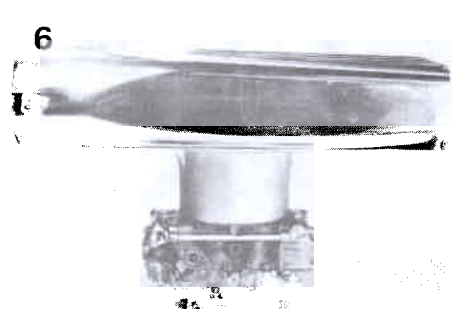
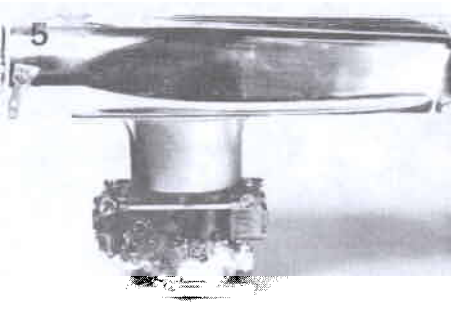
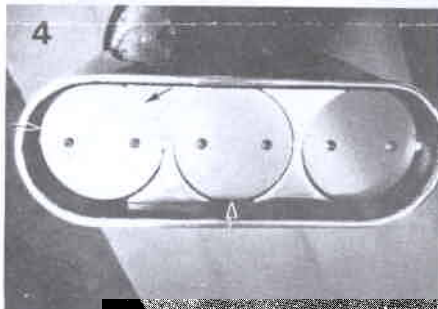


STREET SCOOP #6651 INSTALLATION INSTRUCTIONS

1. Place the rod support brackets in position onto the mounting bosses—polished side forward. Use the four 1/4-20x5/8 hex head screws and lock washers provided to fasten the brackets to the bosses (See Fig. 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 (See Fig. 2).
3. Attach throttle plates to the throttle rod using the six screws and lock washers. Finger tighten only (See Fig. 3).

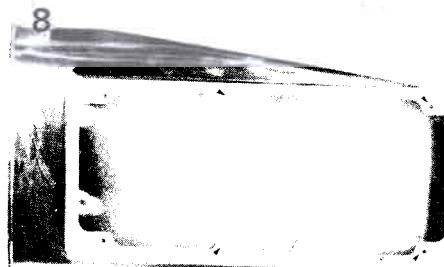
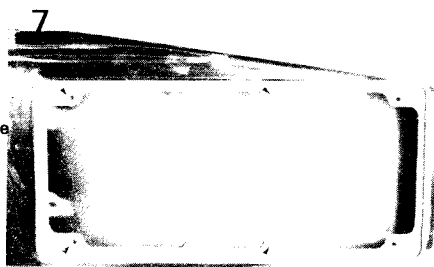


4. Rotate throttle rod through full travel and check for clearances around throttle plates (See Fig. 4). Adjust the plates and throttle rod supports so that there is no contact between them or between the plates and the scoop. When all adjustments have been made, tighten the throttle rod support screws and the throttle plate screws securely.
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. Additional holes may have to be added to the steel flange for mounting to the tape holes in the scoop. Supports should be added to the scoop for stability, if the stamped steel flange is used.
7. Place mounting flange onto carburetor with slots running parallel with the centerline of the scoop mounting position.
8. Screw 1/4-20 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 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 (See Figs. 5&6).
10. Scoop Mounting Holes; Note that the scoop has eight tapped holes.

The first and third sets of holes are recommended mounting locations. In this position the scoop is evenly balanced and the linkage rod provided will be adequate (See Fig. 7).



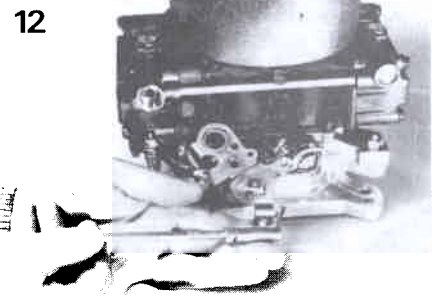
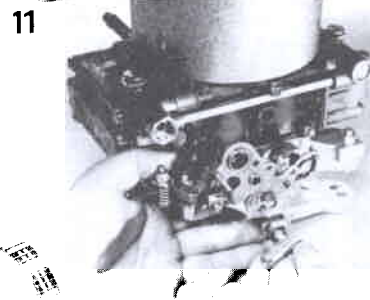
The second and fourth sets of holes may be used as an alternate mounting position. In this location however, the majority of the scoop's weight is forward of the mounting flange. An additional length of linkage rod must be fabricated (See Fig. 8).

11. When you have determined the mounting location of the scoop that best suits your application remove the two unused bosses in the scoop. This must be done to allow for air filter element clearance. Use a hacksaw to cut across the base of the boss (See Fig. 9).



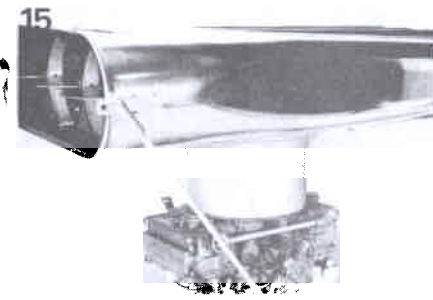
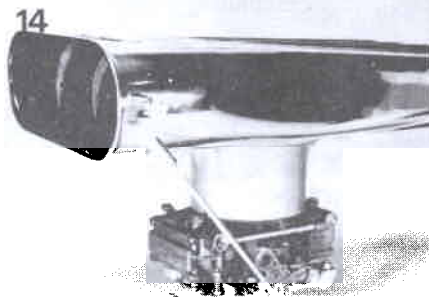
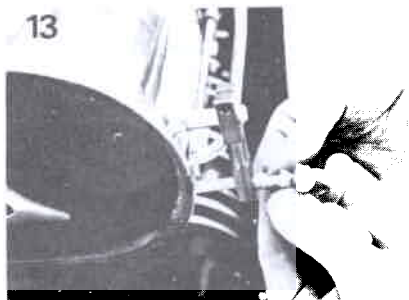
12. When the final position of the mounting flange has been established screw the mounting stud nut down until it contacts the spider. Do not over tighten.
13. Place air filter element into recess of the mounting flange. Drop air cleaner top down over mounting stud and onto air cleaner element. Screw wing nut onto stud and tighten air cleaner top and element securely.

14. 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.
15. 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 verticle(See Fig. 10).
16. Attach ball joint assembly to carburetor throttle lever with lock nut and tighten(See Fig. 11).
17. Screw jam nut onto linkage rod then screw linkage rod into the ball joint assembly on the carburetor(See Fig. 12).
18. 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(See Fig. 13).



19. 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(See Fig. 14). 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. Tighten throttle arm set screw(See Fig. 15).
20. Additional adjustments can be made on throttle arm positioning by repositioning ball joint assemblies. When all adjustments are complete, tighten all jam nuts.
21. 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 NO. NO. PCS.

- | | | |
|----|----|--|
| 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 | 1— | 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 (CAST 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) |

