



HOW TO: Install 9136K Cable Throttle Bracket

WARNING: These instructions, including the diagrams, must be read and fully understood before installation begins. Failure to follow these instructions may result in poor performance, vehicle damage, personal injury or death. If these instructions are not fully understood, installation should not be attempted.

If you have any questions, contact your authorized Stromberg dealer or email us - tech@stromberg-97.com.

I. READ THIS FIRST

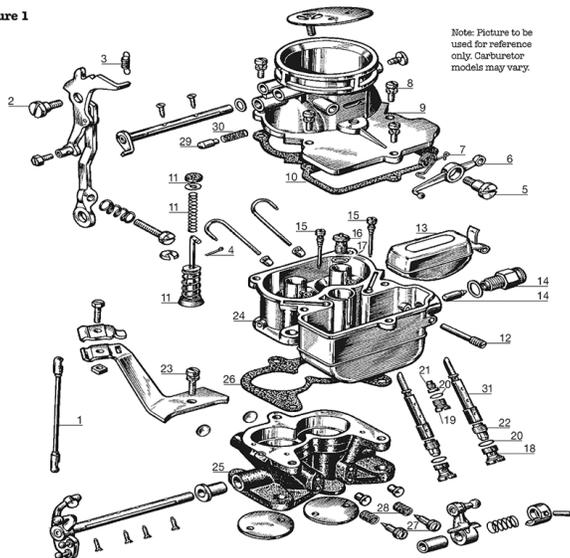
Before installation, please check you have the correct product for your Stromberg application.

WARNING: Before working on any carburetor, it should be removed from the car and dried of any fuel as gasoline and gasoline vapors are very flammable. Never smoke, use an open flame, or produce any sparks where gasoline or gasoline vapors could be present. Doing so may cause a fire or explosion, resulting in property damage, serious personal injury, or even death.

WARNING: Always perform any work on the fuel system in a well ventilated area. Failure to do so may result in the build up of dangerous gasoline or other combustible vapors that may cause severe respiratory injury, or a fire or explosion, resulting in property damage, serious personal injury, or death.

WARNING: A thorough knowledge of carburetor function and repair is required. Therefore, Stromberg recommends that rebuilding and installation be performed only by a professional auto mechanic. An improperly rebuilt or installed carburetor may cause poor performance or lead to property damage, personal injury, or death, and may void your warranty.

Picture 1



*Note: Picture to be used for reference only.
Carburetor models may vary.*

II. PARTS IDENTIFICATION

Your Stromberg Service kit includes the following parts.

Diagram No.	Part No.	Qty	Description
Not shown	9136	1	Cable throttle bracket
Not shown	9447	1	Carb to manifold gasket

III. TOOLS REQUIRED

- 1/2in AF wrench

IV. PARTS REPLACEMENT

WARNING! Before removing any carburetor, insure that your vehicle's ignition is switched off. Disconnect the vehicle's battery and carefully remove the air cleaner. Disconnect all linkages (ie. throttle and choke), and carefully disconnect the fuel line. Beware of fuel leakage when disconnecting the fuel line and clean up any spilt gasoline before continuing.

NOTE: Cable throttle systems using our 9136K bracket kit make many Stromberg 97 set-ups even easier to use. Securely mounted between the carburetor and intake manifold, the bracket positions the cable for optimum, bind-free 'pull' on Stromberg TwoStep linkages. While it works on a 2x2 direct, and 2x2 and 3x2 progressive linkages without problem, on 3x2 direct systems, the bracket lifts the rear carburetor, so the front two carbs may need packing with extra gaskets (see our kit 69447K) for perfect linkage alignment. For more information, download our 'HOW TO: Connect a throttle cable kit to a Stromberg TwoStep linkage' at the Stromberg Tech Center.

In addition, the bracket may need adjustment to suit your individual application. For example, the carburetor return spring mount (which points downwards) may not allow the bracket to sit flat on some intakes, and may need trimming back or bending out to clear the intake casting.

A fixing hole is also provided for the small extension bracket supplied with most hot rod auto-trans kickdown cable kits. On a Stromberg 97 3x2 set-up, a kickdown cable will only work with the correct kickdown-compatible Stromberg progressive linkage kit - with the suffix -KD. Check out the Stromberg website for further details of these kits.

WARNING! Always check that your vehicle's automatic transmission and kickdown cable are compatible with the Stromberg linkage. Different transmissions have specific kickdown requirements and incorrect set-up can result in transmission damage.

- a) Unbolt and remove the carburetor from the intake manifold. Remove all traces of the old gasket and clean the mounting surfaces on both the carburetor and manifold. Verify that the mounting surface of the intake manifold (and any spacers or adapters) are completely flat. And inspect the carburetor mounting studs to insure they are straight. New studs, lock washers and nuts are available from your Genuine Stromberg dealer (kit 89067K-3).

WARNING! Do not allow gasket or other materials to fall into the intake manifold. Any damaged, warped, heat-checked intake components must be replaced prior to installing the carburetor.

- b) Place a new Stromberg carburetor-to-manifold gasket in the correct position on the intake studs. **NOTE:** Use the gaskets dry. Do not use any cement, glue or RTV sealant. Place the 9136 bracket on top of the gasket with the arms on the same side as the carburetor fuel inlet valves, ensuring that the bracket sits totally flat on the gasket. Then install a second carburetor-to-manifold gasket on top of the bracket. Replace the carburetor on top of the gasket on the studs. Install lock washers, then nuts using the 1/2in AF wrench. Tighten nuts in a progressive manner to a recommended 15 ft./lbs. of torque.

CAUTION. Do not over-tighten the mounting nuts or bolts. Over-tightening can result in damage to the manifold, bracket, studs or carburetor base.

WARNING! When replacing the carburetor onto the engine, always ensure you connect all of the linkages - throttle and choke - and fuel lines correctly. Before and after you attach the throttle pedal, check that all carburetors move freely from idle to Wide Open Throttle (WOT) when you manually operate the throttle, and snap shut when released. Check that the pedal does not strain the linkage once WOT is achieved, or cause any 'over-center' condition. Check that all throttle return springs work effectively and never run a carburetor without an effective throttle return spring.

Do not use the 9136K mounting bracket in any configuration that will cause sticking and/or binding or 'over-center' movement in the linkage, which could result in uncontrolled engine speed, property damage, serious personal injury, or death.

You're done! If you think we've missed anything or can improve on this Genuine Stromberg 'How To', then please let us know. Email us – tech@stromberg-97.com

These instructions, warnings, cautions, and notes are limited to replacement of the parts named in the Service Kit. Stromberg has separate instructions for carburetor rebuilding, installation and set-up.

WARRANTY

While the individual parts in this Service Kit are covered by the Stromberg Carburetor Limited Warranty, the use of this Service Kit does not guarantee that the rebuilt carburetor will deliver correct performance and economy. For full details of the Stromberg Carburetor Limited Warranty, please go to www.stromberg-97.com



