Instruction 51-1091
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Because every industry has a leader

Service Bulletin No. 38
Cable Guides for S&S® Super E & Super G Carburetors

DISCLAIMER:

S&S parts are designed for high performance, off road, racing applications and are intended for the very experienced rider only. The installation of S&S parts may void or adversely effect your factory warranty. In addition such installation and use may violate certain federal, state, and local laws, rules and ordinances as well as other laws when used on motor vehicles used on public highways, especially in states where pollution laws may apply. Always check federal, state, and local laws before modifying your motorcycle. It is the sole and exclusive responsibility of the user to determine the suitability of the product for his or her use, and the user shall assume all legal, personal injury risk and liability and all other obligations, duties, and risks associated therewith.

The words Harley®, Harley-Davidson®, H-D®, Sportster®, Evolution®, and all H-D part numbers and model designations are used in reference only. S&S Cycle is not associated with Harley-Davidson, Inc.

SAFE INSTALLATION AND OPERATION RULES:

Before installing your new S&S part it is your responsibility to read and follow the installation and maintenance procedures in these instructions and follow the basic rules below for your personal safety.

● Gasoline is extremely flammable and explosive under certain conditions and toxic when inhaled. Do not smoke. Perform installation in a well ventilated area away from open flames or sparks.

● If motorcycle has been running, wait until engine and exhaust pipes have cooled down to avoid getting burned before performing any installation steps.

● Before performing any installation steps disconnect battery to eliminate potential sparks and inadvertent engagement of starter while working on electrical components.

● Read instructions thoroughly and carefully so all procedures are completely understood before performing any installation steps. Contact S&S with any questions you may have if any steps are unclear or any abnormalities occur during installation or operation of motorcycle with a S&S part on it.

● Consult an appropriate service manual for your motorcycle for correct disassembly and reassembly procedures for any parts that need to be removed to facilitate installation.

● Use good judgement when performing installation and operating motorcycle. Good judgement begins with a clear head. Don't let alcohol, drugs or fatigue impair your judgement. Start installation when you are fresh.

● Be sure all federal, state and local laws are obeyed with the installation.

● For optimum performance and safety and to minimize potential damage to carb or other components, use all mounting hardware that is provided and follow all installation instructions.

● Motorcycle exhaust fumes are toxic and poisonous and must not be inhaled. Run motorcycle in a well ventilated area where fumes can dissipate.

IMPORTANT NOTICE:

Statements in this instruction sheet preceded by the following words are of special significance.

⚠ **WARNING**

Means there is the possibility of injury to yourself or others.

⚠ **CAUTION**

Means there is the possibility of damage to the part or motorcycle.

NOTE

Other information of particular importance has been placed in italic type.

S&S recommends you take special notice of these items.

WARRANTY:

All S&S parts are guaranteed to the original purchaser to be free of manufacturing defects in materials and workmanship for a period of twelve (12) months from the date of purchase. Merchandise that fails to conform to these conditions will be repaired or replaced at S&S's option if the parts are returned to us by the purchaser within the 12 month warranty period or within 10 days thereafter.

In the event warranty service is required, the original purchaser must call or write S&S immediately with the problem. Some problems can be rectified by a telephone call and need no further course of action.

A part that is suspect of being defective must not be replaced by a Dealer without prior authorization from S&S. If it is deemed necessary for S&S to make an evaluation to determine whether the part was defective, a return authorization number must be obtained from S&S. The parts must be packaged properly so as to not cause further damage and be returned prepaid to S&S with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem, how the part was used and the circumstances at the time of failure. If after an evaluation has been made by S&S and the part was found to be defective, repair, replacement or refund will be granted.

ADDITIONAL WARRANTY PROVISIONS:

(1) S&S shall have no obligation in the event an S&S part is modified by any other person or organization.

(2) S&S shall have no obligation if an S&S part becomes defective in whole or in part as a result of improper installation, improper maintenance, improper use, abnormal operation, or any other misuse or mistreatment of the S&S part.

(3) S&S shall not be liable for any consequential or incidental damages resulting from the failure of an S&S part, the breach of any warranties, the failure to deliver, delay in delivery, delivery in non-conforming condition, or for any other breach of contract or duty between S&S and a customer.

(4) S&S parts are designed exclusively for use in Harley-Davidson® and other American v-twin motorcycles. S&S shall have no warranty or liability obligation if an S&S part is used in any other application.

Introduction

S&S® manufactures two carburetor throttle-cable guides for big twin applications **(See Picture 1)**. Cable guide #11-2339 (right) is designed for throttle cables used on 1981-1989 big twin with original "butterfly" (non-CV) carburetor. Cable guide #11-2338 (left) is designed for throttle cables used on 1990-up big twin with original CV carburetor.

NOTE – Space limitations prevent use of cable guide #11-2338 on Harley-Davidson® Sportster® models.

S&S no longer installs cable guide on carburetor. Instead, guide and mounting screw are provided in hardware packet and must be installed by customer. Correct guide will be included with complete carb kits according to model year designation. Some complete carburetor kits and all "carburetor only" kits include both guides. A listing of the guides supplied in each kit appears on the reverse side of this bulletin.

NOTE - In all cases it is customer's responsibility to identify correct guide and install according to instructions below.

Installation

1. Remove cable guide and 10-24 x 1/4" mounting screw from hardware packet. Confirm that guide is correct for application. See first paragraph in the Introduction section.

2. Clean threads of screw with lacquer thinner or Loctite® primer and apply thin film of Loctite® 242 (blue) or equivalent according to manufacturer's instructions.

⚠ WARNING

Many solvents are potentially hazardous. Read manufacturer's cautions before use and use only according to directions printed on container.

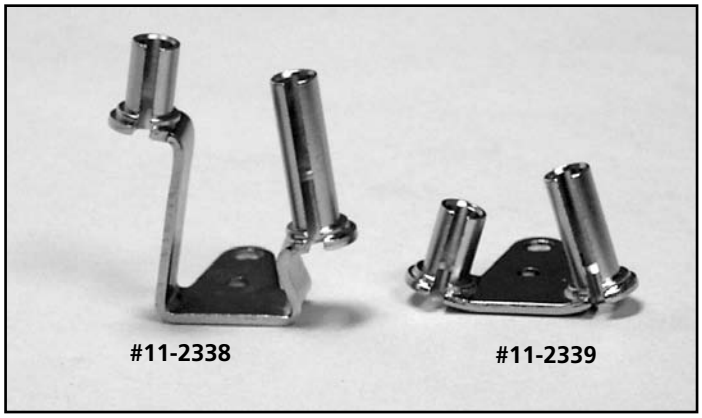
3. Install cable guide with screw **(See Picture 2)** and tighten screw to 14 **in**-lbs.

NOTE – Cable guide #11-2338 is shown in Picture 2. Installation of guide #11-2339 is identical. Cable guide will fit only one way.

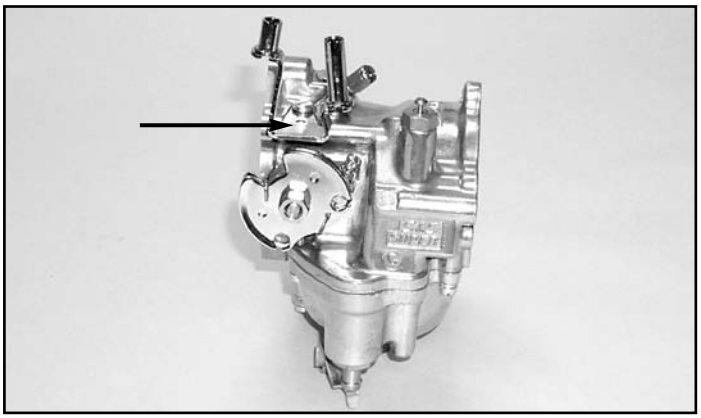
4. Finish carburetor and cable installation according to S&S Carburetor Instructions No. 400.

⚠ WARNING

Failure to install carburetor, cable guide, or cables correctly can cause loss of control of motorcycle resulting in damage to vehicle and serious injury to operator and others. Contact S&S Cycle Technical Services (608-627-8324) or a qualified mechanic with any questions before operating motorcycle.



Picture 1



Picture 2

Cable Guide #11-2339
is supplied with the following kits:

#11-0401	#11-0415	#11-0431
#11-0402	#11-0416	#11-0432
#11-0403	#11-0417	#11-0435
#11-0404	#11-0418	#11-0436
#11-0405	#11-0422	#11-0437
#11-0406	#11-0423	#11-0438
#11-0407	#11-0424	#11-0439
#11-0408	#11-0425	#11-0443
#11-0409	#11-0426	#11-0447
#11-0411	#11-0427	#11-0448
#11-0412	#11-0428	#11-0449
#11-0414	#11-0429	

Cable Guide #11-2338
is supplied with following kits:

#11-0410	#11-0430	#11-0450
#11-0419	#11-0434	#11-0451

Cable Guide #11-2338 and #11-2339
are both supplied with following kits:

#11-0420	#11-0440	#11-0444
#11-0421	#11-0442	#11-0446

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