SUZUKI
2-Stroke
Service Bulletin

Bulletin No: GENERAL-9
Date: May 1, 1975

Read and Initial

Manager_____
Parts_____
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Subject: CARBURETOR MAIN JET TYPES

Suzuki carburetors use four different main jet types. The shape, thread, and metering characteristics of the main jet depend on which type it is.

1. The MIKUNI main jet is the short hex type. The number stamped on it indicates the number of cc's which will flow through it from the hex end when gasoline is poured for one minute at a height of 50cm (19.7") above the jet. Because the direction of flow in calibration is the same as when the jet is installed in the carburetor, the actual flow rate is directly proportional to the main jet marking.

2. The AMAL main jet is the long hex type. The number stamped on it indicates the number of cc's which will flow through it from the threaded end when gasoline is poured for one minute at a height of 50cm (19.7") above the jet. Since the direction of flow in calibration is opposite to the flow when installed in the carburetor, the actual flow rate does not correspond with the main jet marking.

3. The REVERSE main jet has a round head. It is called "reverse" because the metering and flow characteristics are the same in either direction. Therefore, this type permits much more flexibility in the design of a carburetor because the flow rate will be the same whether the fuel is entering from the threaded end or the slotted end.

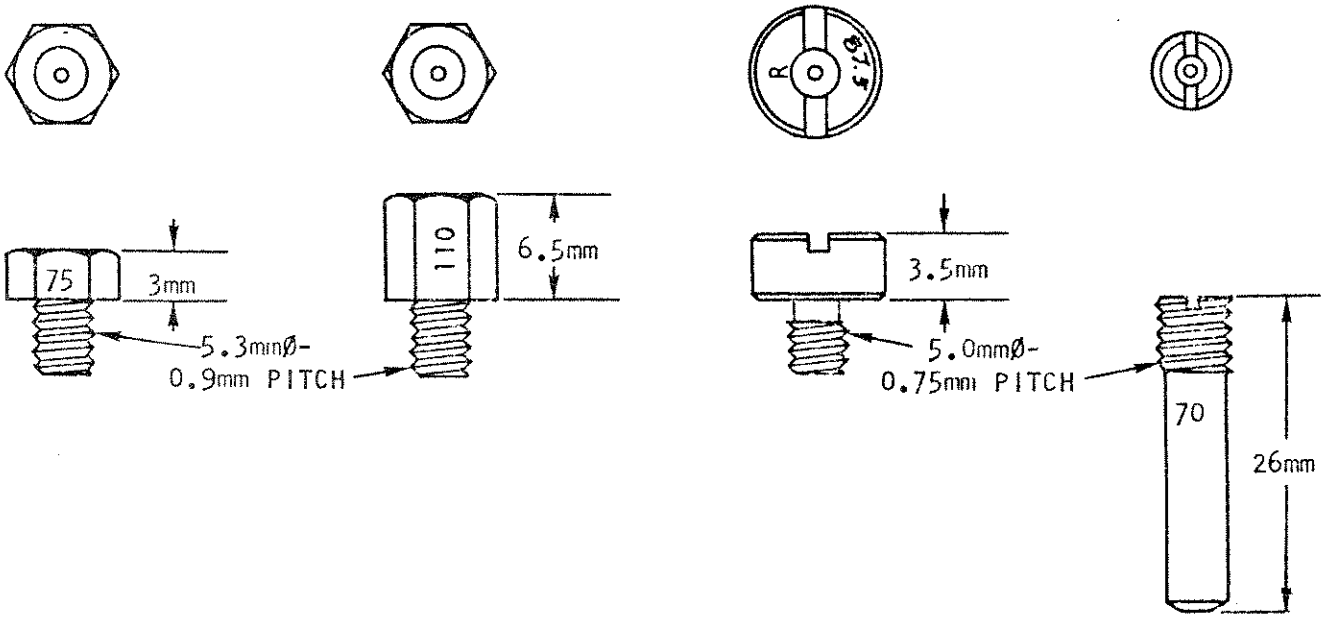
4. The T125 main jet is similar to the reverse type, but incorporates an integral tube because it is used in the downdraft carburetors.

MIKUNI STYLE
Short hexagon

AMAL STYLE
Long hexagon

REVERSE

T125



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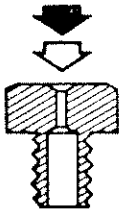
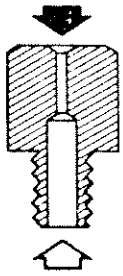
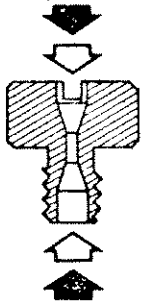
MIKUNI



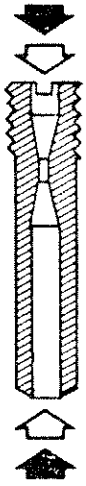
AMAL



REVERSE



T125



: FUEL FLOW DURING CALIBRATION

: FUEL FLOW IN THE CARBURETOR

MIKUNI MAIN JET

SIZE	PART NUMBER
#65	09491-65001
#70	-70001
#75	-75001
#80	-80001
#85	-85001
#90	-90001
#95	-95001
#100	-20001
#105	-21002
#110	-22001
#115	-23005
#120	-24001
#130	-26002
#140	-28001
#150	-30001
#160	-32001
#170	-34001
#180	-36002
#190	-38001
#200	-40005

REVERSE MAIN JET

SIZE	PART NUMBER
#62.5	09491-62002
#65	-65003
#67.5	-67001
#70	-70005
#72.5	-72005
#75	-75005
#77.5	-77001
#80	-80005
#82.5	-82002
#85	-85004
#87.5	-87001
#90	-90003
#92.5	-92001
#95	-95003
#97.5	-97001
#100	-20003
#102.5	-20004
#105	-21003
#107.5	-21006
#110	-22004

(cont.)

REVERSE MAIN JET CONT.

SIZE	PART NUMBER
#112.5	09491-22005
#115	-23002
#125	-25001
#127.5	-25003
#130	-26004
#132.5	-26005
#135	-27002
#140	-28005
#142.5	-28006
#145	-29001
#147.5	-28004
#150	-30004

T125 MAIN JET

SIZE	PART NUMBER
#70	09491-70007
#72.5	-72007
#75	-75007

AMAL MAIN JET

SIZE	PART NUMBER
#55	09491-55002
#60	-60002
#65	-65002
#70	-70002
#75	-75002
#80	-80003
#85	-85002
#90	-90002
#95	-95002
#100	-20002
#110	-22003
#115	-23008
#120	-24002
#125	-25004
#130	-26003
#140	-28002
#145	-29002
#150	-30003

AMAL MAIN JET CONT.

SIZE	PART NUMBER
#160	09491-32002
#170	-34002
#180	-36003
#190	N/A
#200	N/A
#210	-42001
#220	-44001
#230	-46001
#240	-48001
#250	-50003
#260	-52001
#270	-54001
#280	-56001
#290	-58001
#300	-60003
#310	-62001
#320	-64001
#330	-66001
#340	-68001
#350	-70001
#360	-72001
#370	-74001
#380	-76001
#390	-78001
#400	-80004
#410	-82001
#420	-84001
#430	-86001
#440	-88001
#450	-90005
#460	-92002
#470	-94001
#480	-96001
#490	-98001
#500	-10001
#530	-16001