



Mikuni Carburetor



Mikuni HSR42/45 Total Kit for Big Twins. These kits are complete with all required parts for installation. Kits include HSR 42mm or 45 mm carburetor, intake manifold, rubber flange, K&N filter, chrome cover, breather kit and mounting hardware. Models from 1990-up use stock throttle/idle cables and 1984-89 models require 1990-up cables.

HSR42mm

35-9321 1984-99 Evolution Big Twins

35-9327 1999-up TC-88

HSR45mm

35-9222 1984-99 Evolution Big Twin

35-9328 As Above Kit w/o Intake Manifold

35-9324 1999-up TC-88

35-9322 Rebuild Kit (42 and 45 mm)

35-0430 Breather Kit 1993-up

Internal Throttle



36-0570



Refer to H in installation instructions

36-0595

VT No. 36-0570 Internal Throttle Sleeve. Custom design allows pull action of throttle cable for use with billet grips.

VT No. Item

36-0570 Throttle

36-0595 Ball Bearing 9mm x 4mm x 4mm

1. Cut 2³/₈" off end of handlebar. Remove end of throttle handle that would attach to throttle cables.

2. Mark handlebar for inner throttle sleeve. Drill a hole for the set screw, this will hold throttle on the handlebar.

3. Remove set screw from the outer sleeve of spiral. Slide grip on and mark end of grip on the handlebar. Measure from this mark back to set screw in outer sleeve. This measurement will be used to mark and drill the throttle grip. Once drilled install grip. Use a small amount of Loctite® on set screw for final installation.

4. **Note:** Set Screw (A) should not be tightened so as to make contact with handlebar as it will prevent throttle from turning.



36-0789

Internal Throttle/Clutch Unit features ball and needle bearing construction with built in return spring.

VT No. Type Item

36-0789 Clutch Assembly

36-0590 Bearing 5/8 x 1³/₁₆ x 5/8

36-0591 Bearing 3/8 x 7/8 x 9/32

Throttle by Wire Extension Harness Kits "TBW" extension harness will plug in to the existing 6 position Molex connector. These wire extensions will not cause interference to motorcycles computer when installing taller handlebars.

VT No. Extension

32-1205 +4"

32-1206 +12"

32-1204 +16"



32-1204

SU Eliminator II Carburetor Parts



35-4551

SU Carburetor Replacement Parts

VT No.

35-4551

35-4554

35-4555

35-4556

35-4557

35-4558

Application

Rebuild kit for Eliminator SU carburetor

4 1/2" oz piston return spring (red)

8 oz piston return spring (silver)

12 oz piston return spring (green)

Standard (BBX) tapered needle

Slightly leaner (BBT) tapered needle



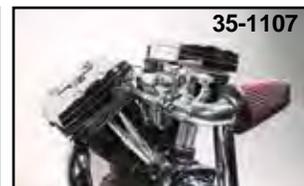
Carburetor Kits



35-1100



35-1102



35-1107



35-1105

Weber 45MCHH Single Barrel Carburetor features a chrome carburetor and a unique intake manifold and breather kit that fits both Evolution and Twin Cam Big Twin engine 1992-up. Kits are available with a chrome billet air cleaner and "shorty" type manifold which fits in the stock location between the cylinders. (kits 35-1100 and 35-1102)

For an aggressive look the 45MCHH can be ordered with a highly polished forward swept manifold and cone shaped air filter. (Kits 35-1105 & 35-1106) Additionally, the 45MCHH is available in a kit which features a forward swept air filter elbow which can be used either in the forward or upswept position. The elbow and mounting brackets are polished billet aluminum. (Kits 35-1107 & 35-1108) All 45MCHH kits include carburetor, manifold, air filter, choke cable, installation instructions and jet kit. Carburetor kits are available for both Evolution 80 and TC-88 carbureted motors.

VT No. Type

35-1100 Evolution 80 with shorty manifold and chrome billet air filter

35-1102 As above for TC-88 engines

35-1105 Evolution 80 with swept forward and cone shaped air filter

35-1106 As above for TC-88 engines.

35-1107 Evolution 80 with swept forward/swept up air filter.

35-1108 As above for TC-88 motors.