



# PUCH E50

## WITH BOSCH 6 WIRE MAGNETO

**Fluids:**

- Gear/Case Oil: **ATF type "F"** (5.75 oz/170cc)

**Plug:**

- Plug Condition
- NGK B6HS Gap: **.40 - .50mm** (14.5 ft lbs /174 in lbs)

**Ignition:**

- Point Condition
- Point Gap **0.35 - 0.45 mm**
- Timing (piston meas.) **0.80 - 1.20 mm BTDC**
- Timing (flywheel meas.) **18.5 - 21mm BTDC**
- Timing (Degrees) **14 - 17 deg BTDC**
- Ignition primary coil resistance **.75 ohms**
- (Measured between blue and blue w/stripes wires)
- HT Coil resistance (between #1 & #15) **2.0 ohms**
- HT Coil resistance (center & #15) **5.4k ohms**
- HT Coil resistance (center & #1) **5.4k ohms**
- Gap between armature and flywheel **.40 - .60mm**

**Magneto/Generator Armature Coil resistances in ohms:**

- Grey Tail lamp coil. **6.7 ohms**
- Green Stop lamp coil **1.16 ohms**
- Yellow Head lamp coil **.23 ohms**

**Magneto/Generator Assy Wire Color Codes (6 Each):**

- **Yellow-Head and Speedo Lamp Armature**
- **Grey-Tail Lamp Armature**
- **Green-Brake Lamp Armature**
- **Green w/Black-Brake Armature Ground**
- **Blue-Ignition Armature**
- **Blue w/Black-Ignition Armature Ground**

**Engine Top End Type:** High Torq Alum Sq Port Alum Magnum

**Ring Gap:** .15mm - .30mm

**Head Torque:** 7 ft lbs/84 in lbs

**New Gaskets:** Head Base Clutch Cover

**Engine Rebuild Parts:**

- (3) 6203/C3 Bearings
- (1) 6203 NR Bearing
- (2) 17 x 40 x 7 Seals
- (1) 22 x 40 x 7 Seal
- (2) 38 mm x 2 mm fg/side pin type
- Gasket Kit

**Clutch**

- Clutch pads

**Bing Carb/Intake:**

- Carb Size
- Float is parallel to base
- Jet air atomizer size
- Main jet size
- Throttle slide size
- Intake size
- New Gaskets: Intake Carb bowl Carb top

**Notes:**

**Date:**

**Moped:** Year Make Model Chassis VIN Engine VIN

**Customer:** Name Phone #