

# 12V CRANK SHAFT 41.4mm STROKE

CODE : 309-1123300

## COMPATIBILITY

### ULTRA-SE, SE-PRO, DOHC BIG BORE KIT

(※ 50cc STOCK NOT USEABLE)

MONKEY/GORILLA FNO,Z50J-2000001~/ FNO,AB27-1000001~1899999 / MONKEY BAJA FNO,Z50J-1700001~/ XR50R /CRF50F

● Thank you for purchasing Kitaco product. Read and understand the instruction before installing.

### ATTENTIONS (MUST READ)

- We are not responsible for damages and accidents caused by assembling mistake and improper setting.
  - Please ask authorized mechanic for assembling and setting.
- Ask a specialist at specialty shop if you do not understand the role of the surrounding parts.
- Do not modify the way which is not listed or it will cause damage and trouble.
  - Please check and make sure each part of bolts and nuts are not loose before running.
  - Please contact a mechanic nearby immediately when you find something unusual.

### PACKING LIST

| NAME                             | CODE         | QTY |
|----------------------------------|--------------|-----|
| CRANK SHAFT ASSY (H) 12V MONKEY  | 309-1123300  | 1   |
| BEARING # 6205 (PRESS ASSEMBLED) | 315-6205000  | 2   |
| OIL PUMP SPINDLE                 | 331-1083003A | 1   |
| SPINDLE COLLAR                   | 331-1083003B | 1   |

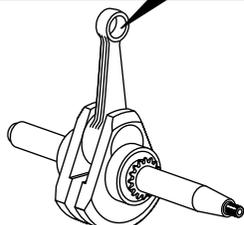
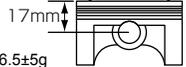
### MUST READ WHEN INSTALLATION

- ※ Refer to the manufacturer HONDA service manual when installation. (Follow Kitaco instructions as well when using Kitaco parts together)
  - ※ Remove all the remaining gasket out of the mating surface with scraper if any. Please try not to hurt the surface.
  - ※ Exchange with new gaskets for sure. Purchase separately if required.
  - ※ Apply to engine oil on the any of moving place of crankshaft
  - ※ Exchange with new one if stock parts has wear, crack or broken.
  - ※ Periodic maintenance is required after installation. Exchange with new one if partial wear is found.
  - ※ Change the engine oil to the new specified engine oil after you break in (about 200km or 4-hour).
- (KITACO Specified Oil: elf 3818 1L [5W-30] 968-2000010)

| CYLINDER GASKET   | NAME                           | CODE                                   |
|-------------------|--------------------------------|--|
| GASKET SET A      | ULTRA SE BIG BORE KIT 88cc     | GASKET SET A ( STAINLESS ) 960-1123088 |
|                   | DOHC BIG BORE KIT 88cc         | GASKET SET A ( STAINLESS ) 960-1123910 |
| CRANK CASE GASKET | NAME                           | CODE                                   |
| GASKET SET B      | FOR MANUAL CLUTCH MODEL        | GASKET SET B 960-1015100               |
|                   | FOR SUPER / ULTRA CLUTCH MODEL | GASKET SET B 960-1083700               |

### APPLICATION PISTON

- ULTRA-SE88cc
- DOHC88cc
- Recommended weight : 96.5±5g (PISTON RING / PIN / PIN CLIP include)

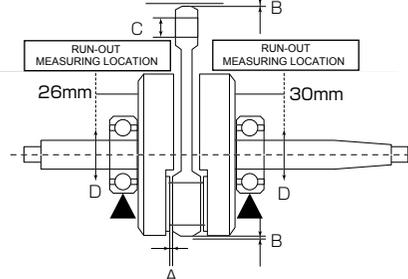


**※ ATTENTION !**  
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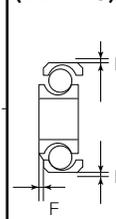
### SERVICE GUIDE (CRANK SHAFT)

| EXAMINATION POINT                       | STANDARD          | SERVICE LIMIT |
|---|-------------------|---------------|
| A Connecting rod crosswise gap          | 0.1 ~ 0.35mm      | 0.5mm 以上      |
| B Connecting rod big end lengthwise gap | 0 ~ 0.01mm        | 0.015mm 以上    |
| C Connecting rod small end I.D.         | 13.013 ~ 13.043mm | 13.05mm 以上    |
| D Crankshaft run-out                    | 0 ~ 0.05mm        | 0.08mm 以上     |
| E Bearing I.D. / O.D. lengthwise gap    | 0.05 ~ 0.09mm     | 0.10mm 以上     |
| F Bearing I.D. / O.D. crosswise gap     | 0.005 ~ 0.040mm   | 0.050mm 以上    |

### (CRANK SHAFT)



### (BEARING)



3-8-13 NAGATA,  
HIGASHI-OSAKA,  
OSAKA, 577-0015,  
JAPAN  
<http://www.kitaco.co.jp/>

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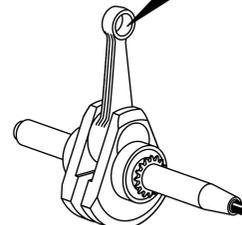
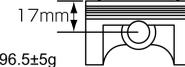
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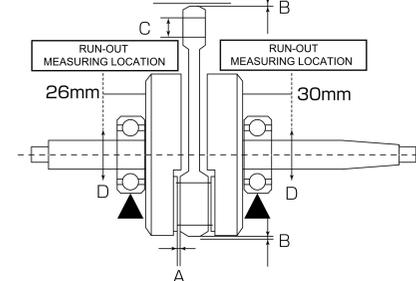


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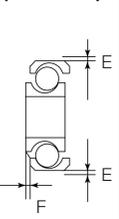
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