

# GROUP INDEX

<b>GENERAL INFORMATION</b>	<b>1</b>
<b>PERIODIC MAINTENANCE</b>	<b>2</b>
<b>TROUBLESHOOTING</b>	<b>3</b>
<b>MACHINE TUNING</b>	<b>4</b>
<b>ENGINE REMOVAL AND INSTALLATION</b>	<b>5</b>
<b>CYLINDER HEAD, CYLINDER AND PISTON</b>	<b>6</b>
<b>CLUTCH</b>	<b>7</b>
<b>KICK STARTER</b>	<b>8</b>
<b>GEARSHIFTING</b>	<b>9</b>
<b>TRANSMISSION AND CRANKSHAFT</b>	<b>10</b>
<b>LUBRICATION SYSTEM</b>	<b>11</b>
<b>FI SYSTEM DIAGNOSIS</b>	<b>12</b>
<b>FUEL SYSTEM AND THROTTLE BODY</b>	<b>13</b>
<b>COOLING SYSTEM</b>	<b>14</b>
<b>ELECTRICAL SYSTEM</b>	<b>15</b>
<b>FRONT AND REAR WHEELS</b>	<b>16</b>
<b>FRONT AND REAR BRAKES</b>	<b>17</b>
<b>FRONT FORK AND STEERING</b>	<b>18</b>
<b>REAR SUSPENSION</b>	<b>19</b>
<b>SERVICING INFORMATION</b>	<b>20</b>

## OPERATING INSTRUCTIONS

### CAUTION

Leaving the engine at idling speed after riding will cause engine overheat as this competition motorcycle does not have the radiator cooling fan and coolant reservoir. Riding the motorcycle under severe conditions such as muddy or sandy terrain with high ambient temperature can shorten time to be overheated.

Do not leave the engine at idling after riding the motorcycle. Inspect the radiator for proper coolant level before riding for practice and race.

### STARTING THE ENGINE

Inspect the engine oil level, coolant level and air cleaner condition before starting the engine.

**NOTE:**

Check that the fuel tank has enough fuel for practice or race before starting the engine.

**When the engine is cold:**

- 1) Shift the transmission into neutral.
- 2) Pull the starter knob/idle screw ①.

**NOTE:**

When pulling the starter knob/idle screw ①, do not turn it.

- 3) Find the kick starter lever position around the top so that the resistance to depress the kick starter lever is fully felt by pushing down the kick starter lever slowly.
- 4) Kick the engine over, leaving the throttle closed.



### CAUTION

When kick-starting the engine, make sure to remove the side stand.

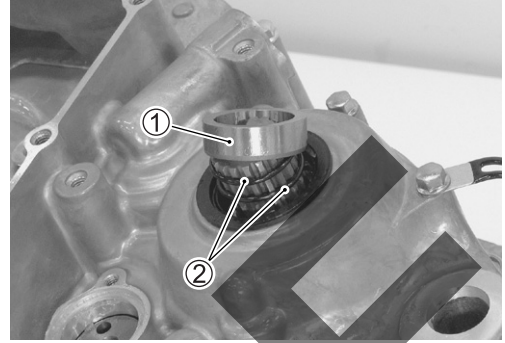
- 5) Return the starter knob/idle screw ① when the engine revs at steady speed.

**NOTE:**

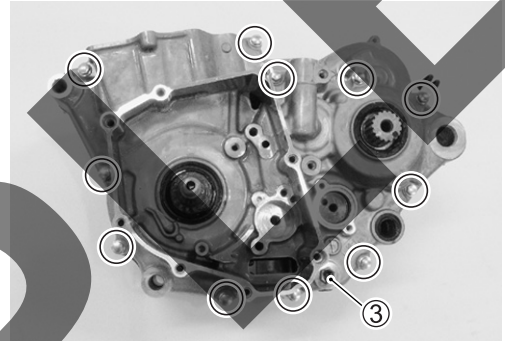
When the clutch lever is pulled, the motorcycle can be started with the transmission in any gear.

## CRANKCASE SEPARATION

- Remove the engine sprocket spacer ① and two O-rings ②.



- Remove the oil strainer cap ③ and oil strainer (No.1). (2-13)
- Remove the crankcase bolts.

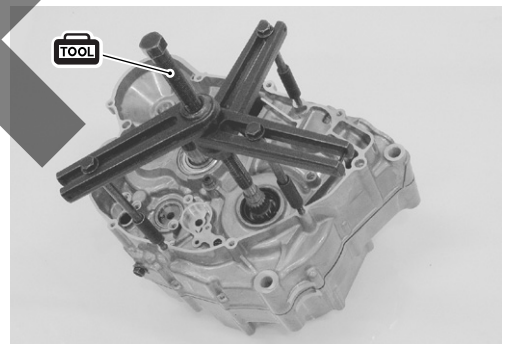


- Separate the crankcase with the special tool.

**TOOL** 09920-13120: Crankcase separating tool

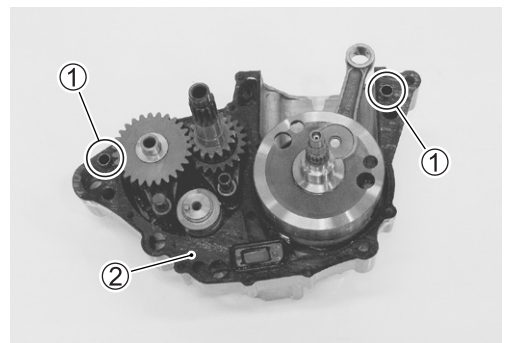
### NOTE:

- \* Set the crankcase separating tool to the clutch side of the crankcase.
- \* Separate the crankcase gradually while hitting the crankcase boss and countershaft softly with a plastic hammer.



## TRANSMISSION REMOVAL

- Remove the dowel pins ① and gasket ②.



- Remove the oil reed valve ③.

