

This technical diagram illustrates the exploded view of a motorcycle engine assembly, showing the relationship between various components. The parts are numbered as follows:

- Top Section (Cylinder Head and Intake):** Includes the cylinder head (28), intake manifold (36), and associated gaskets (38) and fasteners (32, 33, 34, 35, 37).
- Middle Section (Crankcase and Timing):** Features the crankcase (5), timing chain (4), and timing cover (43).
- Bottom Section (Crankcase and Base):** Shows the crankcase (7), base (15), and various fasteners (8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 29, 30, 31).

The diagram uses dashed lines to indicate the assembly sequence and alignment of the parts.