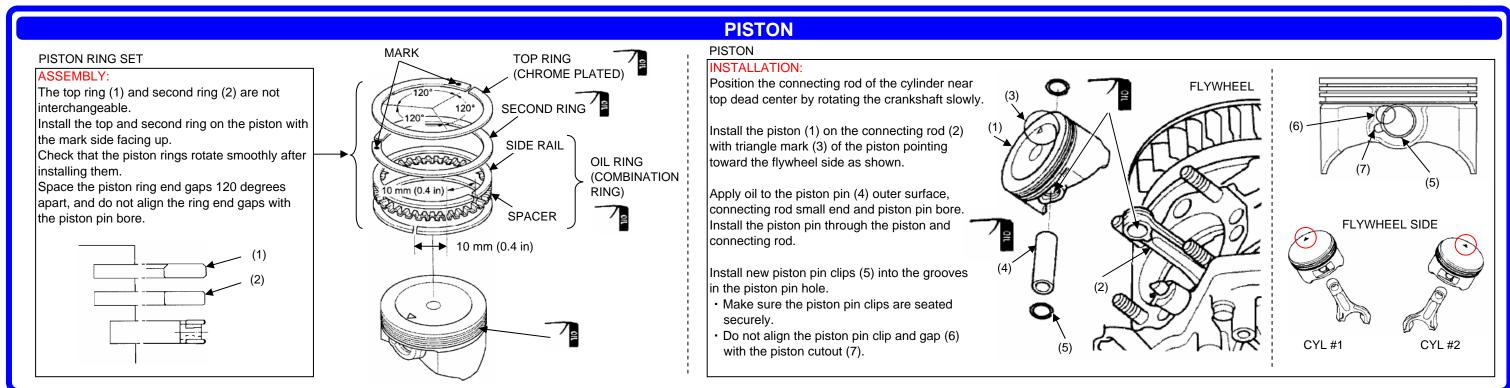
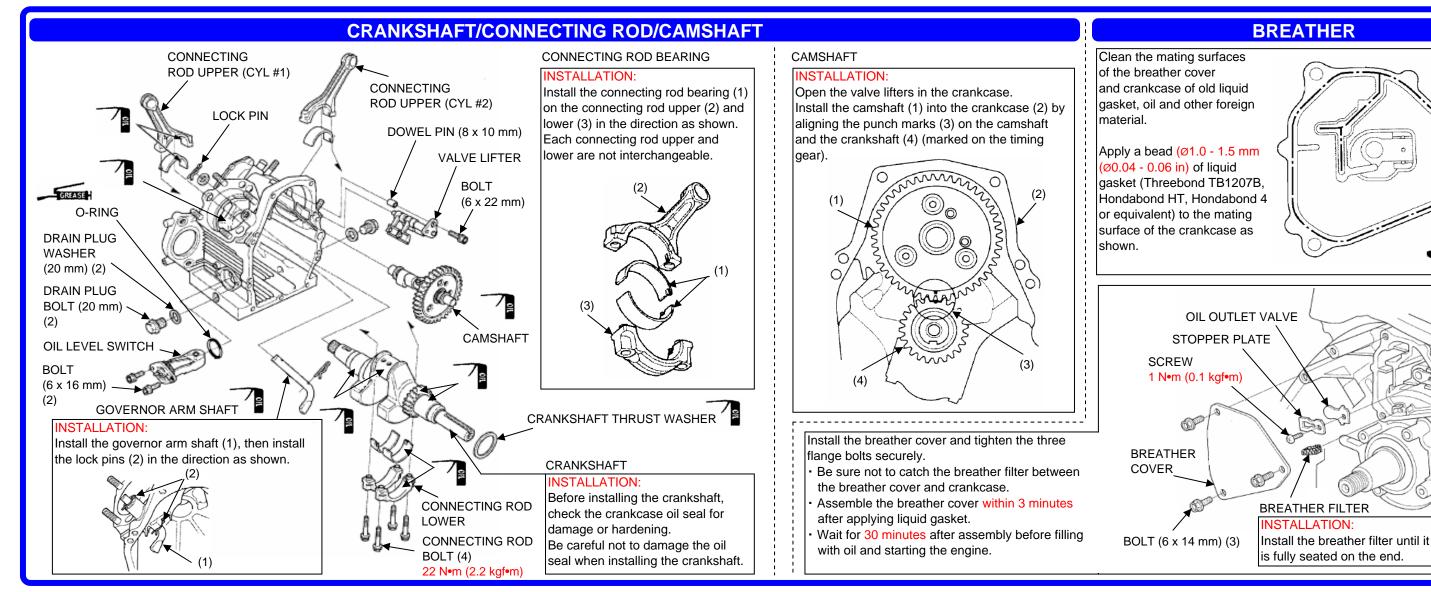
GX630 - GX660 - GX690 Engine Assembly Information



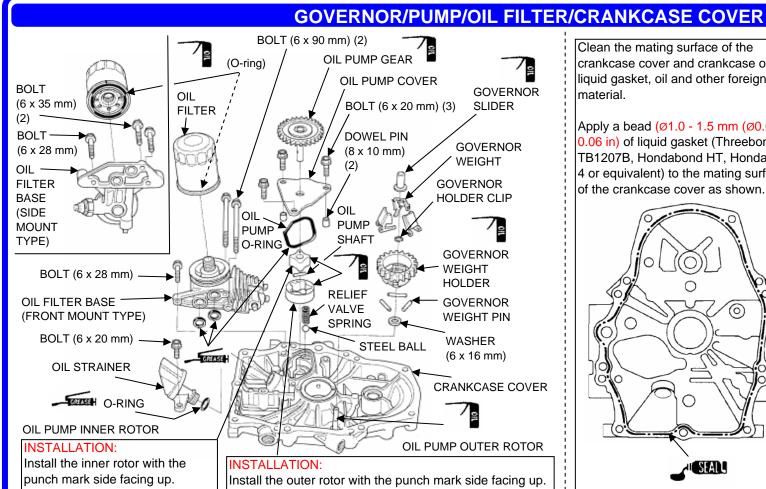




II SEAL G

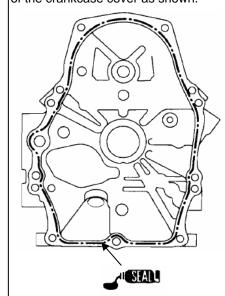
GX630 - GX660 - GX690 Engine Assembly Information





Clean the mating surface of the crankcase cover and crankcase of old liquid gasket, oil and other foreign material.

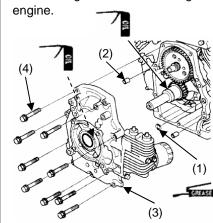
Apply a bead (Ø1.0 - 1.5 mm (Ø0.04 -0.06 in) of liquid gasket (Threebond TB1207B, Hondabond HT, Hondabond 4 or equivalent) to the mating surface of the crankcase cover as shown.

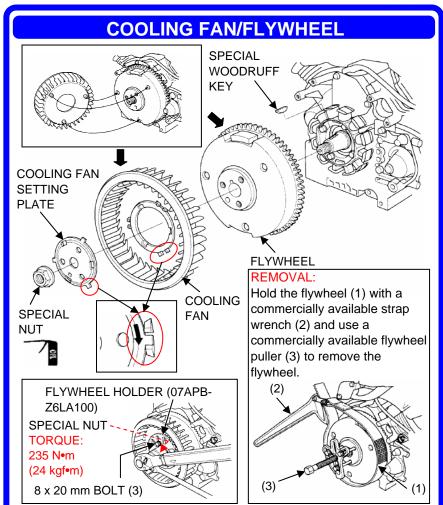


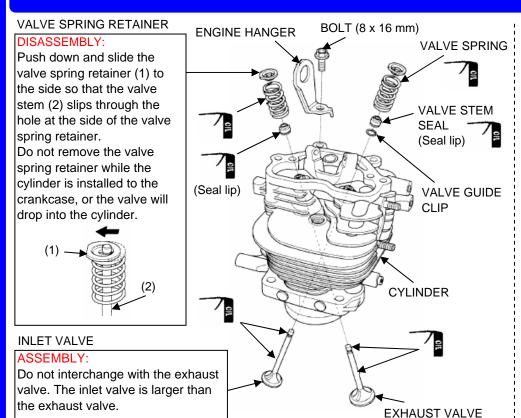
Apply grease to the O-ring (1). Install the two dowel pins (2) and Oring to the crankcase.

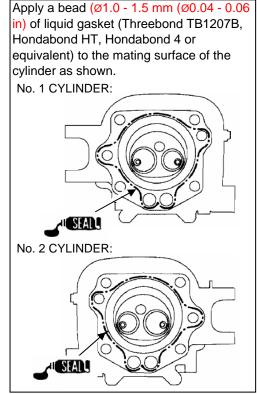
Apply a light coat of oil to the main journal part of the crankshaft and crankcase cover (3). Install the crankcase cover and tighten the nine flange bolts (4) securely.

- Assemble the crankcase cover within 3 minutes after applying liquid gasket.
- Wait for 30 minutes after assembly before filling with oil and starting the









Apply grease to the oil passage packing (1). Install the dowel pins (2) and oil passage packing on the crankcase.

Apply oil to the cylinder inner surface, piston outer surface and piston

Install the cylinder (3) over the piston (4) while compressing the piston rings with your fingers.

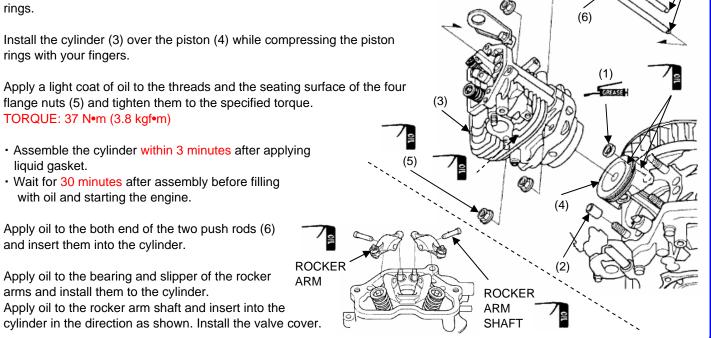
Apply a light coat of oil to the threads and the seating surface of the four flange nuts (5) and tighten them to the specified torque.

TORQUE: 37 N•m (3.8 kgf•m)

- Assemble the cylinder within 3 minutes after applying
- · Wait for 30 minutes after assembly before filling with oil and starting the engine.

Apply oil to the both end of the two push rods (6) and insert them into the cylinder.

Apply oil to the bearing and slipper of the rocker arms and install them to the cylinder. Apply oil to the rocker arm shaft and insert into the



CYLINDER/VALVES/CRANKCASE