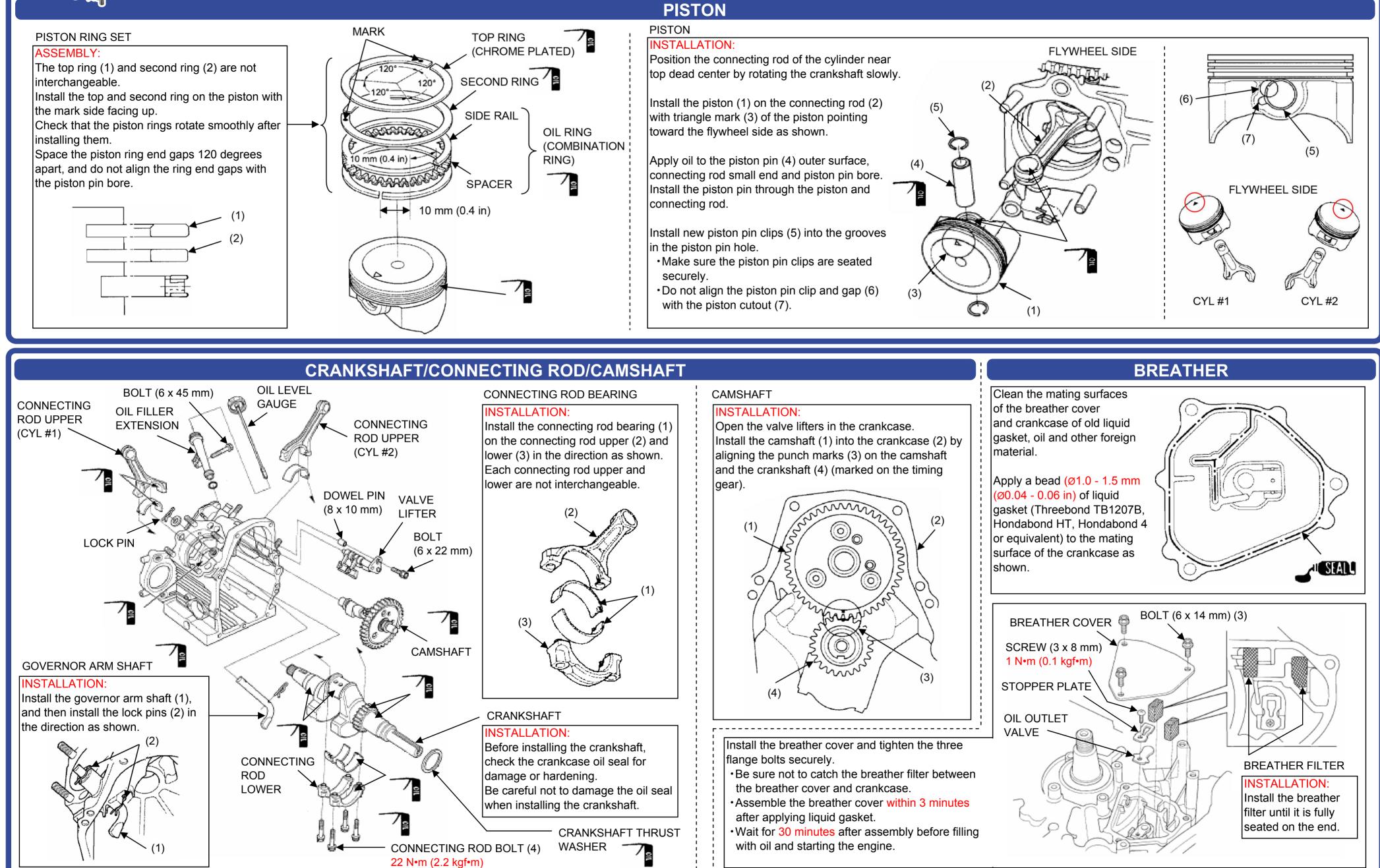


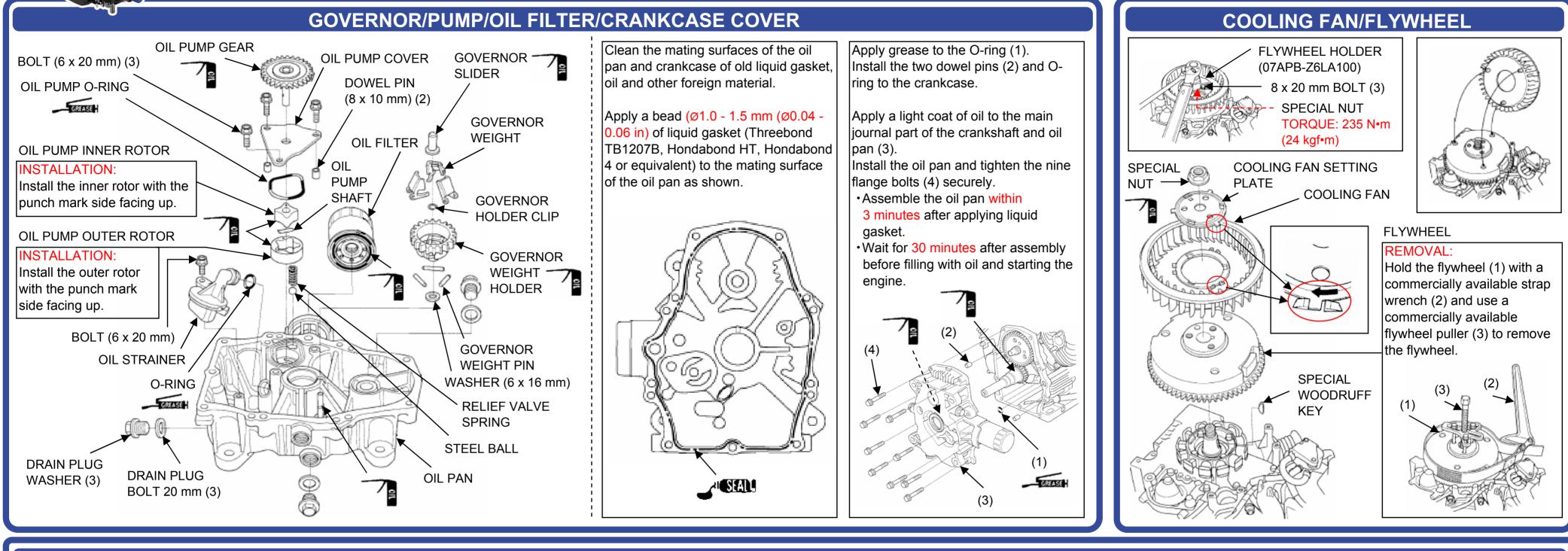
# GXV630 • GXV660 • GXV690 Engine Assembly Information



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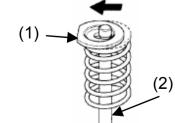




### VALVE SPRING RETAINER DISASSEMBLY:

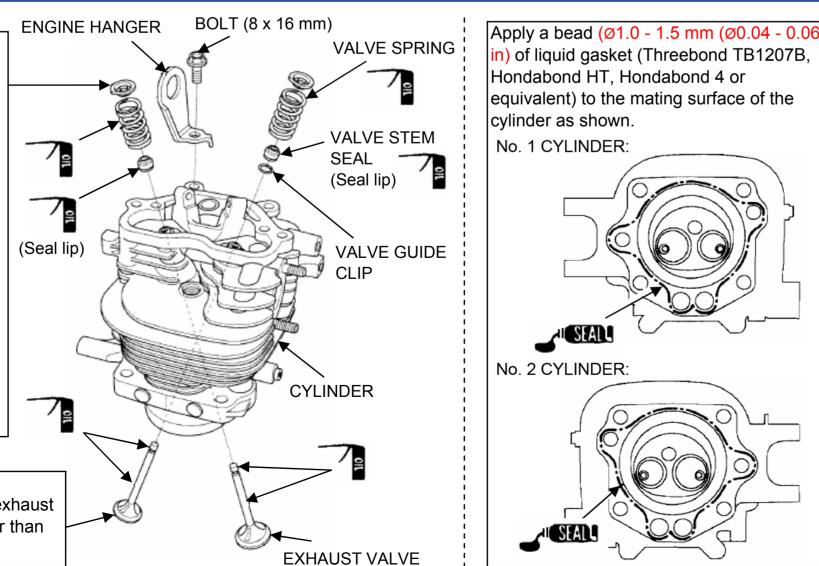
Push down and slide the valve spring retainer (1) to the side so that the valve stem (2) slips through the hole at the side of the valve spring retainer.

Do not remove the valve spring retainer while the cylinder is installed to the crankcase, or the valve will drop into the cylinder.

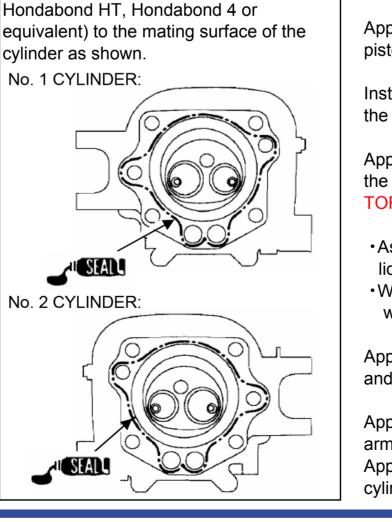


### INLET VALVE

ASSEMBLY: Do not interchange with the exhaust valve. The inlet valve is larger than the exhaust valve.



## CYLINDER/VALVES/CRANKCASE



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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 rings.

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 liquid gasket. •Wait for 30 minutes after assembly before filling

with oil and starting the engine.

Apply oil to 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 in the direction as shown. Install the valve cover.

