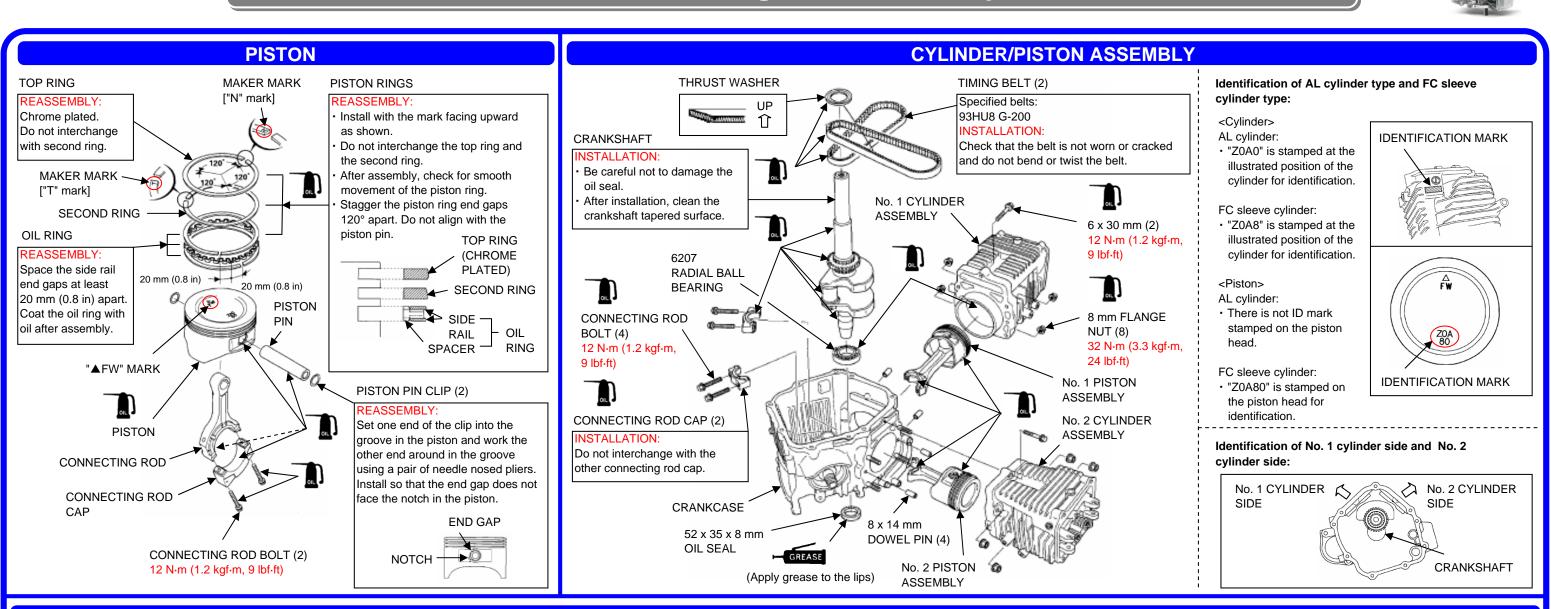
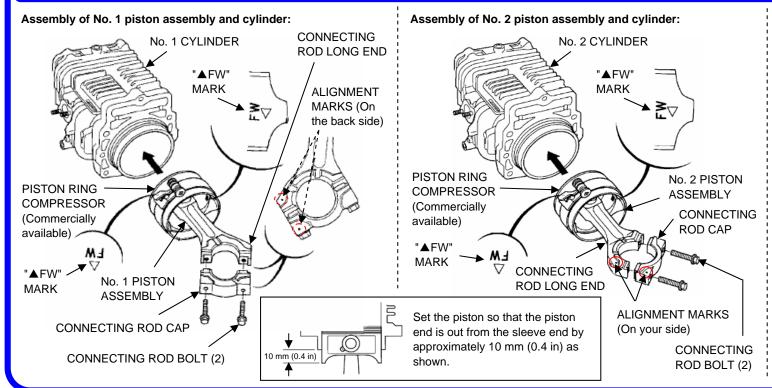
GCV530 · GXV530 Engine Assembly Information

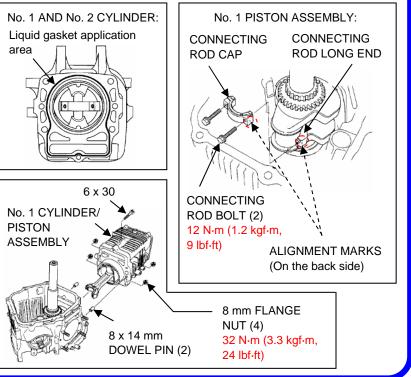


CYLINDER/PISTON ASSEMBLY



Installation of No. 1 (No. 2) cylinder/piston assembly:

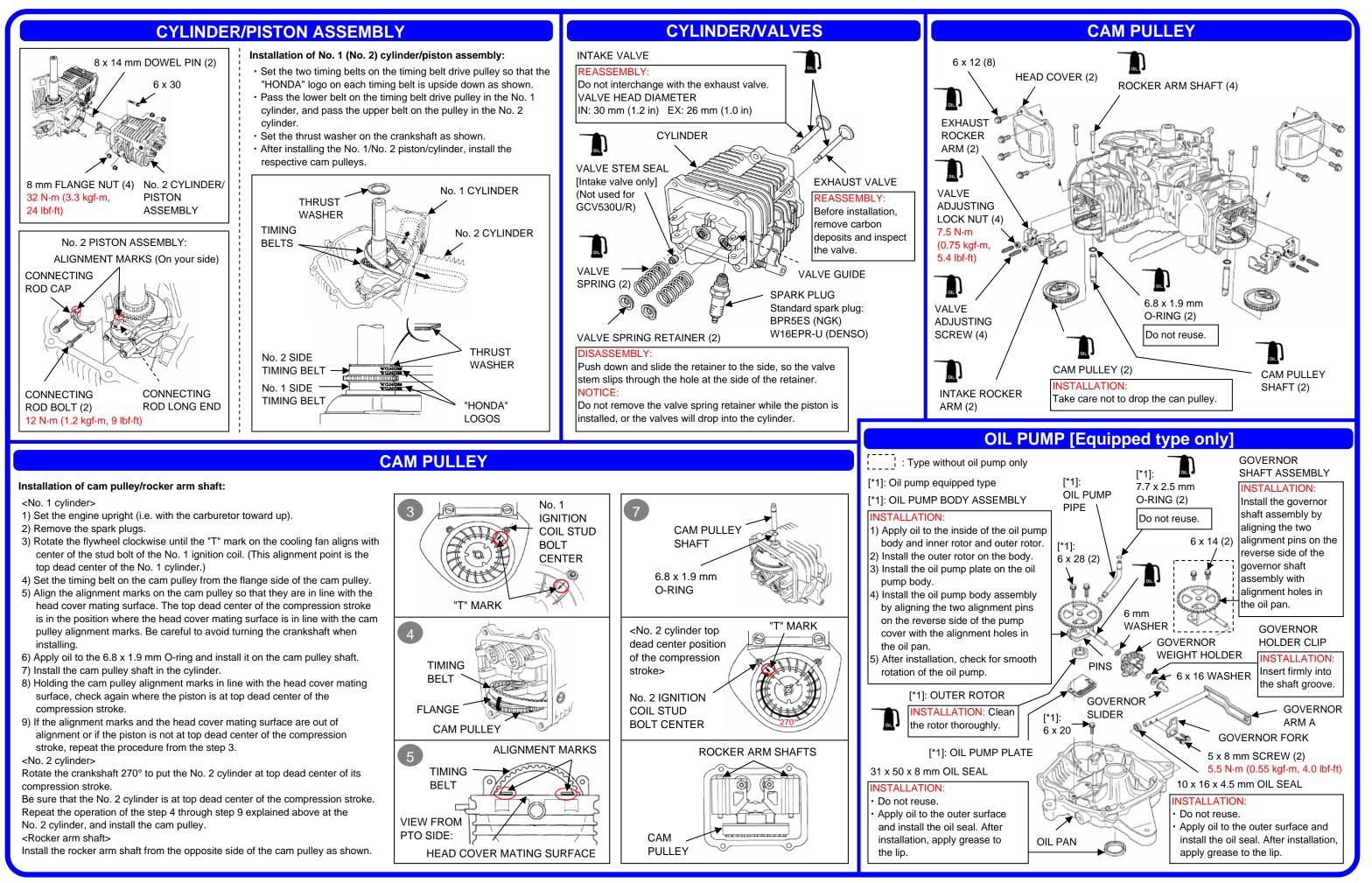
- Clean the mating surfaces of the crankcase and No. 1 (No. 2) cylinder using a degreasing cleaning agent or a clean shop towel.
- · Apply a bead [ø 1.2 mm (0.05 in)] of liquid gasket (ThreeBond #1207B, Honda Bond #4 or equivalent) to the No. 1 (No. 2)
- cylinder: specifically, to the mating surface with the crankcase. Take care not to put the liquid gasket on the sleeve of the No. 1 (No. 2) cylinder. Do not apply excessive amount of the liquid
- gasket to the threaded hole for the 6 x 30 mm flange blot. Assemble within 10 minutes after applying the liquid gasket. NOTICE:
- Take care not to damage the inner wall of the cylinder and crank pin with the connecting rod big end.
- · Apply oil to the threaded part and seat of the 8 mm flange nuts and 6 x 30 mm flange bolt. Loosely tighten the nuts and flange bolt against the cylinder.
- Apply oil to the threaded part and seat of the connecting rod
- bolts. Tighten the connecting rod bolts to the specified torque. After tightening the connecting rod bolts, tighten the four 8 mm flange nuts and the 6 x 30 mm flange bolt in several steps to the specified torque.





HONDA

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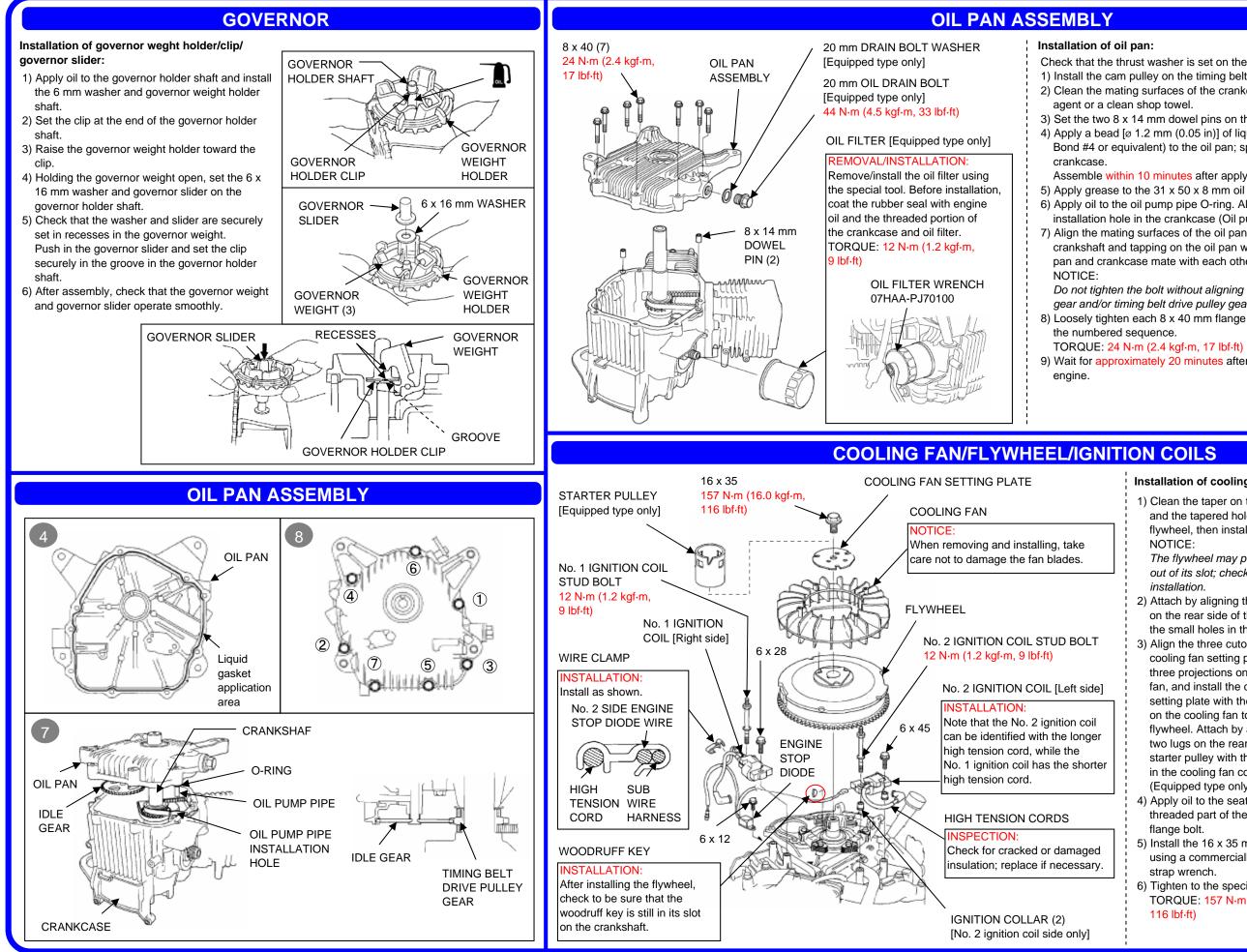


See the shop manual for additional information.



HONDA

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- Check that the thrust washer is set on the crankshaft properly.
- 1) Install the cam pulley on the timing belt of the No. 1/No. 2 cylinder.
- 2) Clean the mating surfaces of the crankcase and oil pan using a degreasing cleaning
- 3) Set the two 8 x 14 mm dowel pins on the crankcase.
- 4) Apply a bead [ø 1.2 mm (0.05 in)] of liquid gasket (ThreeBond #1207B, Honda Bond #4 or equivalent) to the oil pan; specifically, to the mating surface with the
- Assemble within 10 minutes after applying the liquid gasket.
- 5) Apply grease to the 31 x 50 x 8 mm oil seal lip and set the oil pan on the crankshaft. 6) Apply oil to the oil pump pipe O-ring. Align the end of the oil pump pipe with the pipe installation hole in the crankcase (Oil pump equipped type only).
- 7) Align the mating surfaces of the oil pan and crankcase securely by turning the crankshaft and tapping on the oil pan with the hand. Turn the crankshaft until the oil pan and crankcase mate with each other securely.
- Do not tighten the bolt without aligning the mating surfaces. It can damage the idle gear and/or timing belt drive pulley gear.
- 8) Loosely tighten each 8 x 40 mm flange bolts, then tighten to the specified torque in
- 9) Wait for approximately 20 minutes after assembly before filling oil and starting the

Installation of cooling fan/flywheel:

- 1) Clean the taper on the crankshaft and the tapered hole in the flywheel, then install the flywheel. NOTICE:
- The flywheel may push the key out of its slot; check after
- installation. 2) Attach by aligning the three lugs on the rear side of the fan with the small holes in the flywheel. 3) Align the three cutouts in the cooling fan setting plate with the three projections on the cooling fan, and install the cooling fan setting plate with the projection on the cooling fan toward the flywheel. Attach by aligning the two lugs on the rear side of the starter pulley with the small holes
- in the cooling fan cover (Equipped type only).
- 4) Apply oil to the seat and the threaded part of the 16 x 35 mm flange bolt.
- 5) Install the 16 x 35 mm flange bolt using a commercially available strap wrench.
- 6) Tighten to the specified torque. TORQUE: 157 N·m (16.0 kgf·m, 116 lbf-ft)

