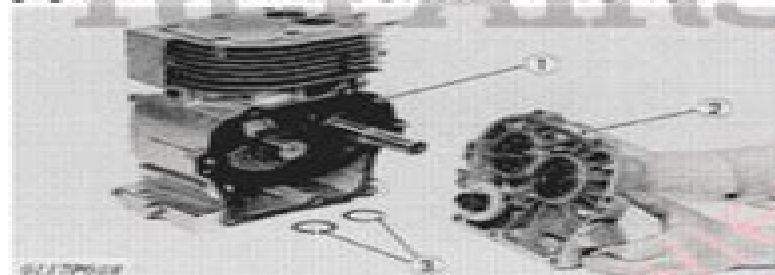


[3] PISTON AND CONNECTING ROD



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Cylinder Case Cover

1. Hold the cylinder case cover (2) with a hand and tap the shaft end with a plastic hammer to remove the cylinder case cover.

NOTE

- The cylinder case cover is fixed at two places by knockout pins, and thus cannot be removed easily. Never try to pry it open with a screwdriver, etc.
- Remove the cover in parallel to the PTO shaft very carefully to prevent the PTO shaft from scraping the lip surface of the oil seal.
- Shims (3) are installed in the crankshaft and the camshaft. Put a tag to each shim for identification. The GS160-3 series also has a collar on the crankshaft.
- The cylinder case gasket (1) must be replaced with a new one.

	mm [in.]
A	34 (1.34)
B	26.5 (1.004)
C	30 (1.18)
D	17 (0.67)
E	30 (1.18)
F	22 (0.87)

(When reassembling)

- Shim thicknesses differ. Therefore, they must be reassembled in their original position.

Tightening torque	Cylinder case cover screw	13.7 to 19.6 Nm 1.4 to 2.0 kgf-m 10.1 to 14.5 ft-lbs
----------------------	------------------------------	--

- (1) Cylinder Case Gasket
(2) Cylinder Case Cover
(3) Shims
-a for crankshaft
-b for camshaft (except R type)
-c for camshaft (R type)

Camshaft and Tappet

1. Put the cylinder block upside down.
2. Pull out the camshaft and the cam gear as a unit.
3. Remove the tappets.

NOTE

- Intake and exhaust tappets are of an identical shape, and need to be distinguished with a tag, etc.



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Jeremy Churchill, Pete Shoemark



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