

POWER UNIT

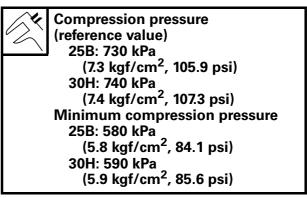
MEASURING THE COMPRESSION PRESSURE

NOTE:

The engine should be warmed up before measuring the compression pressure. Correct measurement cannot be obtained when the engine is cold.

Measure:

 Compression pressure Below minimum compression pressure → Check or replace piston, piston rings, cylinder head, and cylinder head gasket.



Measuring steps

(1) Remove the spark plug (1).

CAUTION:

Before removing the spark plug, clean the spark plug well arec to prevent any dirt from falling into the cylinder that is being checked.

(2) Install the compression gauge 2 into the spark plug hole.



Compression gauge......2 90890-03160

- (3) Fully open the throttle.
- (4) Fully open the choke. (Make the choke valve ineffective.)
- (5) Crank the engine by means of recoil starter until the compression gauge gives stable reading.
- (6) Remove the compression gauge 2.
- (7) Install the spark plug (1).

Spark plug 25 N•m (2.5 kgf•m, 18 ft•lb)