

SERVICE INFORMATION

GENERAL

- Always turn the ignition switch OFF before servicing the starter motor. The motor could suddenly start, causing serious injury.
- A weak battery may be unable to turn the starter motor quickly enough, or supply adequate ignition current.
- The starter motor can be serviced with the engine in the frame.
- When checking the starter system, always follow the steps in the troubleshooting (page 20-4).
- If the current is kept flowing through the starter motor to turn it while the engine is not cranking, the starter motor may be damaged.
- Refer to the following component information.
 - Starter pinion (page 11-7)
 - Ignition switch (page 21-11)
 - Starter switch (page 21-12)
 - Brake light switch (page 21-13)
 - Main relay (page 21-15)

SPECIFICATION

Unit: mm (in)

ITEM	STANDARD	SERVICE LIMIT
Starter motor brush length	7.0 (0.28)	3.5 (0.14)

TORQUE VALUE

Starter motor case screw 2 N·m (0.20 kgf·m, 1.5 lbf·ft)

TOOL

Test probe
07ZAJ-RDJA110

