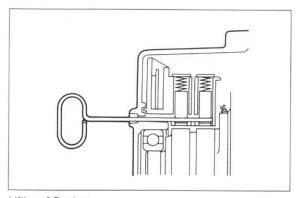
## Alternator Assembly

Assemble the alternator in the reverse order of disassembly with care of the following:

- Align the projection of the snap ring with the deepest portion of the eccentric groove in the rear bearing.
- (2) When replacing the rear bearing, press-fit a new bearing so that its groove faces the slip ring.
- (3) Heat the rear bracket when pressing the rear bearing into the rear bracket.



 When fitting the rotor into the rear bracket, lift the brushes by inserting a wire through the small hole in the rear bracket.

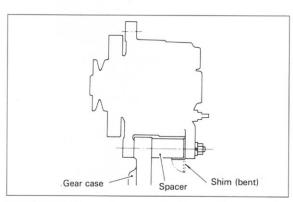


Lifting of Brushes

## Installation

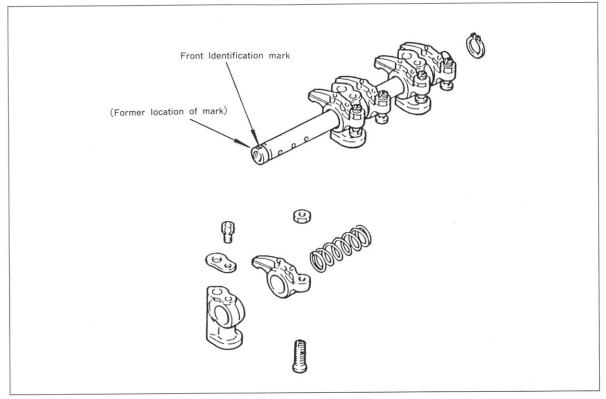
Install the alternator in the reverse order of removal.

- (I) Spacer adjustment
  - When installing the support bolt, insert the spacer as follows:
  - (a) Insert the support bolt to the specified position. (Do not install the nut yet.)
  - (b) Install the alternator and insert the spacer between the alternator rear bracket and the gear case bracket.
  - (c) Adjust the clearance between the rear bracket and the spacer to 0.2 mm or less by inserting the shims (0.198 mm thick each). Install the support bolt nut.
  - (d) Adjust the fan belt tension.



Inserting Spacer

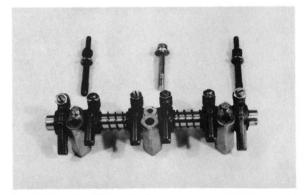
## Removal and Installation



Rocker Arm Installation Direction

## CAUTION -

- Before removing the rocker shaft assembly, turn the crankshaft to bring each cylinder to compression stroke as much as possible.
- After installation, always adjust valve clearance.



Removing Rocker Shaft Assembly