

Assembly

To assemble, reverse the disassembly procedures, paying attention to the following:

1. When the ball races have been removed, install them squarely using the race driver attachment (Tool No. 07946-3290000).

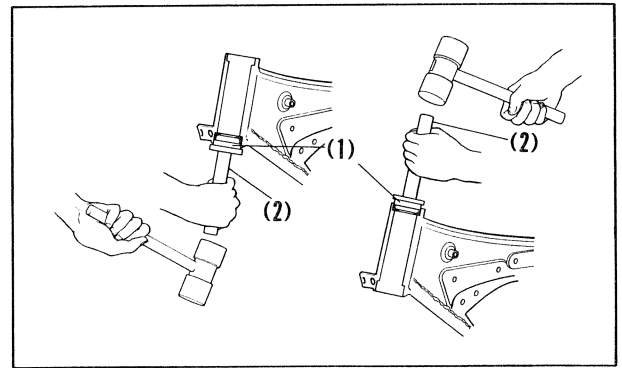


Fig. 5-69 (1) Race driver attachment
(2) Driver handle

2. Apply a coat of grease to the ball races and put the steel balls into them (18 balls into upper race and 19 balls into lower race). Install the steering stem into the head pipe and install the top cone race. While rotating the steering stem, hand tighten the head top thread until it turns freely right and left. Any slightest amount of play in axial direction cannot be tolerated here, until it is turned with reasonable ease.

NOTE:

Wash the cone races, ball races and steel balls and apply a coat of new grease to them.

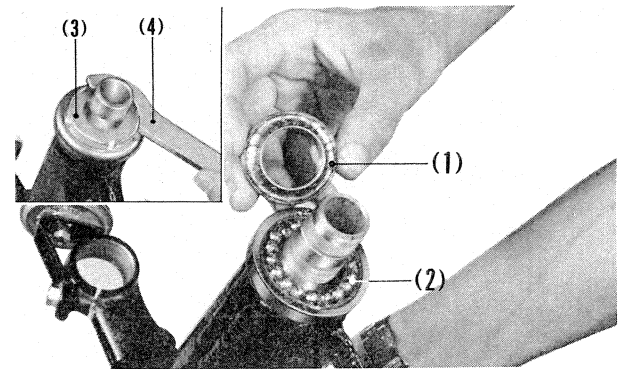


Fig. 5-70 (1) Top cone race
(2) # 8 steel ball
(3) Steering head top thread
(4) 46 mm pin spanner

3. Temporarily install the front forks. Install the fork top bridge and tighten the steering stem nut. After tightening, check if the stem moves smoothly by its own weight from the position 5 to 10° from the center. If it will not move, the following causes may be suspected and checked.

- * Maladjusted top thread
- * Bent stem
- * Wrong number of balls
- * Abnormally worn races

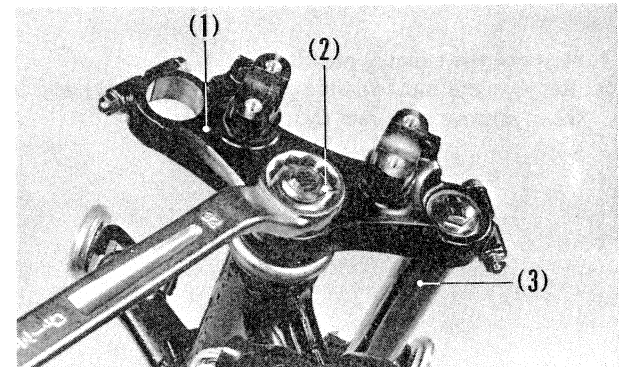


Fig. 5-71 (1) Fork top bridge
(2) Steering stem
(3) Front fork