

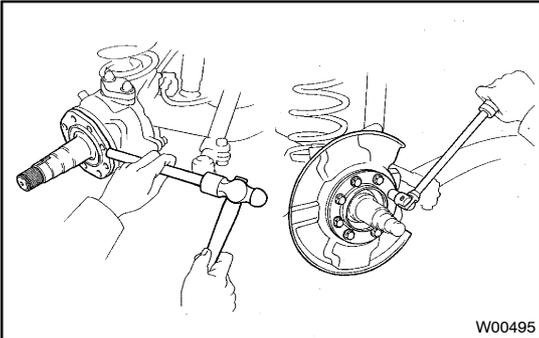
## REMOVAL

### 1. REMOVE FRONT AXLE HUB (See page SA-15)

### 2. w/ ABS:

#### REMOVE ABS SPEED SENSOR

Remove the 2 bolts and disconnect the ABS speed sensor from the steering knuckle.



W00495

### 3. REMOVE DUST SEAT AND DUST COVER

Remove the 8 bolts, dust seal, dust cover and gasket.

### 4. REMOVE KNUCKLE SPINDLE

(a) Using a brass bar and hammer, tap the knuckle spindle of the steering knuckle.

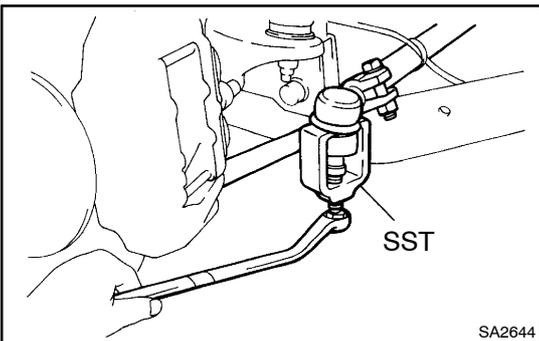
(b) Remove the knuckle spindle and gasket.

### 5. REMOVE AXLE SHAFT

Position one flat part of the outer shaft upward and remove the axle shaft.

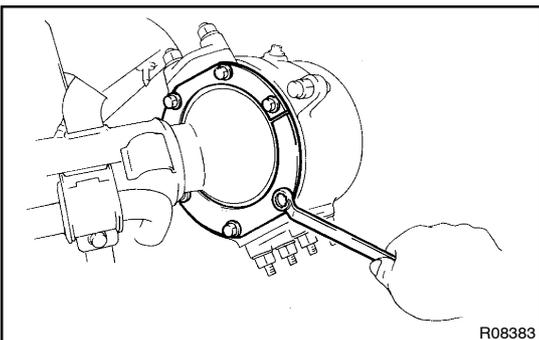
### 6. DISCONNECT TIE ROD FROM KNUCKLE ARM

(a) Remove the cotter pin and nut.



SA2644

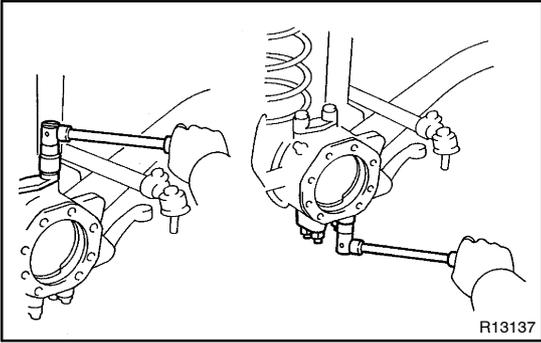
(b) Using SST, disconnect the tie rod from the knuckle arm. SST09611 -22012



R08383

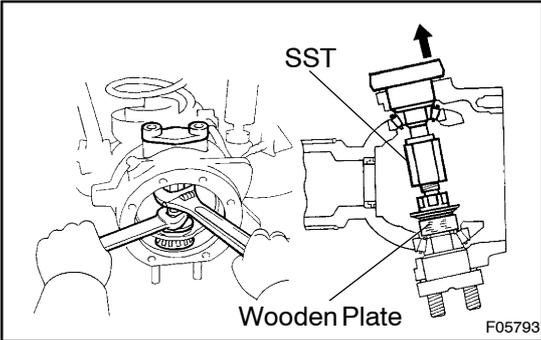
### 7. REMOVE OIL SEAL END RETAINER

Remove the 6 bolts from the oil seal end retainer.



**8. REMOVE KNUCKLE ARM AND BEARING CAP**

- (a) Remove the 2 bolts and plate washers from the bearing cap.
- (b) Remove the 4 nuts from the knuckle arm.
- (c) Using a brass bar and hammer, tap on the 4 bolts heads and remove the 4 cone washers.

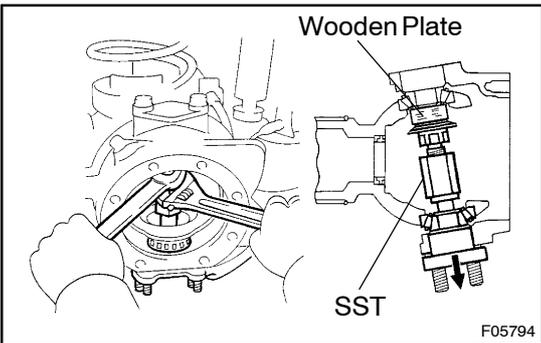


- (d) Using SST and wooden plate, remove the bearing cap and shim from the steering knuckle.

SST 09606 -60020

**HINT:**

- Use the SST without a collar.
- In some cases, to satisfy the standard value of preload, more than one shims are used.

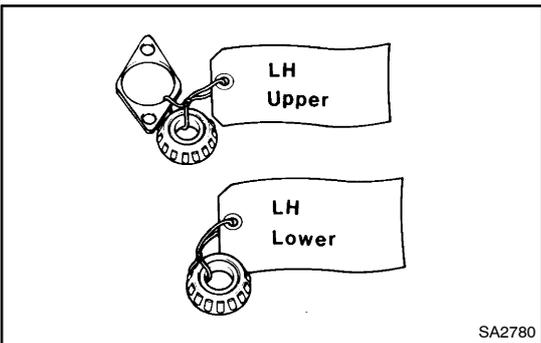


- (e) Using SST and wooden plate, remove the knuckle arm from the steering knuckle.

SST 09606 -60020

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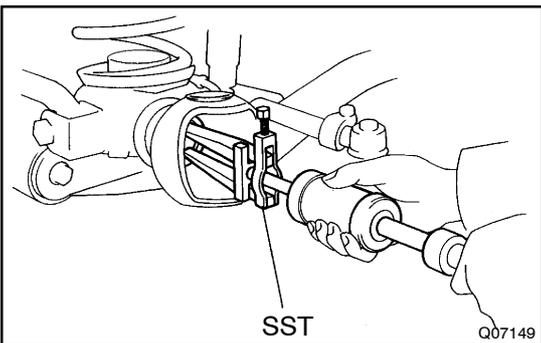
**9. REMOVE STEERING KNUCKLE AND BEARING**

**HINT:**

Mark the removed adjusting shim and bearings so as to enable reassembling them to their proper positions.

**10. REMOVE OIL SEAL SET**

Remove the steel ring, rubber seal and felt dust seal.



**11. REMOVE OIL SEAL TO AXLE HOUSING**

Using SST, remove the oil seal.

SST 09308 -00010