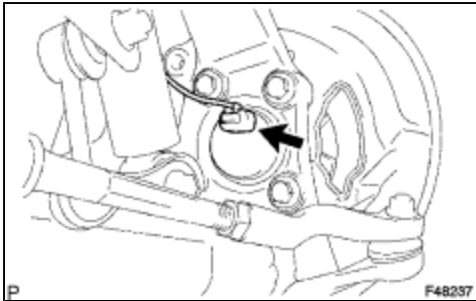


<b>Last Modified:</b> 1-5-2012	6.4 A	<b>From:</b> 200501
<b>Model Year:</b> 2006	<b>Model:</b> GS300	<b>Doc ID:</b> RM00000004E001X
<b>Title:</b> AXLE: FRONT AXLE HUB: REMOVAL (2006 GS300 GS430)		

## REMOVAL

### 1. REMOVE FRONT WHEEL

### 2. DISCONNECT SPEED SENSOR FRONT (for 2WD)

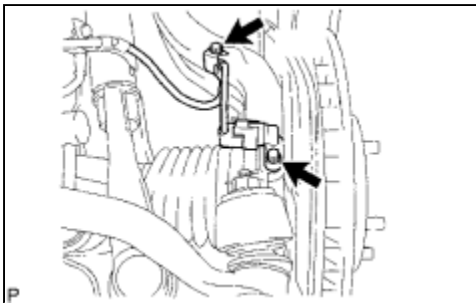


- (a) Disconnect the speed sensor connector from the speed sensor front.

#### **NOTICE:**

- Be careful not to damage the speed sensor.
- Prevent foreign matter from adhering to the speed sensor.

### 3. SEPARATE SPEED SENSOR FRONT (for 4WD)

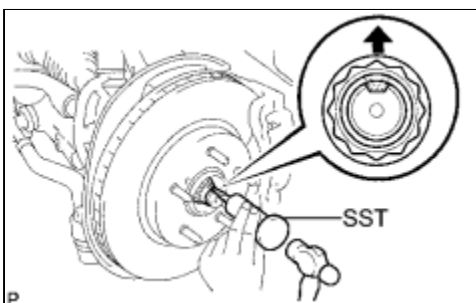


- (a) Remove the 2 bolts, and separate the speed sensor from the steering knuckle.

#### **NOTICE:**

- Be careful not to damage the speed sensor.
- Prevent foreign matter from adhering to the speed sensor.

### 4. REMOVE FRONT AXLE HUB NUT (for 4WD)



- (a) Using SST and a hammer, release the staked part of the front axle hub nut.

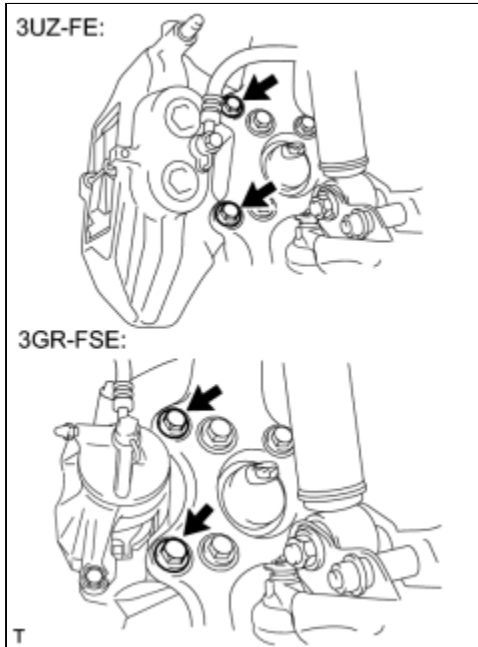
**SST: 09930-00010**

#### **NOTICE:**

Release the staked part of the nut completely, otherwise the screw of the drive shaft may be damaged.

(b) While applying the brakes, remove the front axle hub nut.

**5. SEPARATE FRONT DISC BRAKE CALIPER ASSEMBLY**



(a) Remove the 2 bolts, and disconnect the brake caliper assembly.

**NOTICE:**

Use a wire or an equivalent to keep the brake caliper from hanging down by the flexible hose.

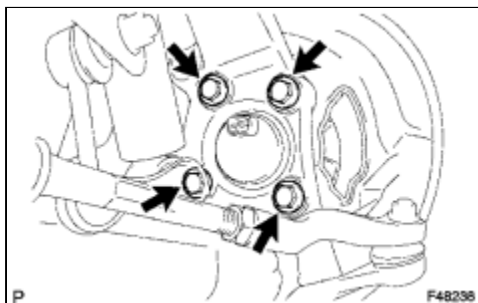
(b) Remove the caliper plates No.1 from the brake caliper (for 3GR-FSE).

**6. REMOVE FRONT DISC** INFO

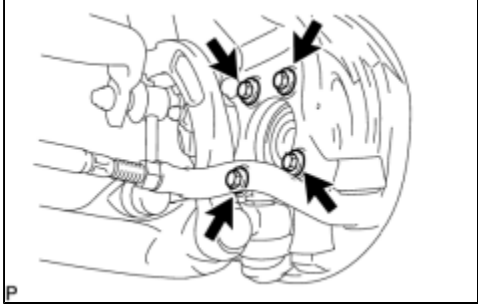
**7. SEPARATE LOWER BALL JOINT ASSEMBLY FRONT (for 4WD)** INFO

**8. SEPARATE TIE ROD ASSEMBLY (for 4WD)** INFO

**9. REMOVE FRONT AXLE HUB SUB-ASSEMBLY (for 2WD)**



(a) Remove the 4 bolts, front axle hub sub-assembly and front disc brake dust cover.

**10. REMOVE FRONT AXLE HUB SUB-ASSEMBLY (for 4WD)**

(a) Using a plastic hammer, separate the front drive shaft assembly from the front axle hub.

**NOTICE:**

**Be careful not to damage the drive shaft boot.**

(b) Remove the 4 bolts, front axle hub sub-assembly and front disc brake dust cover.

