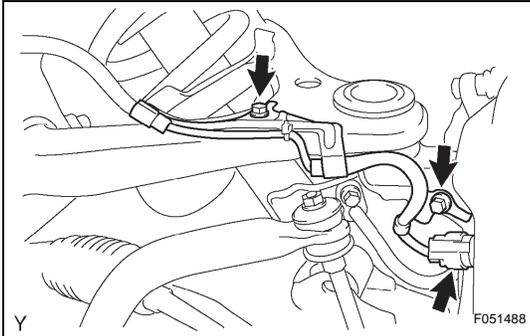
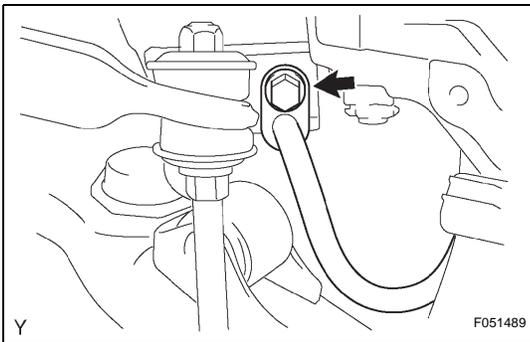


REMOVAL

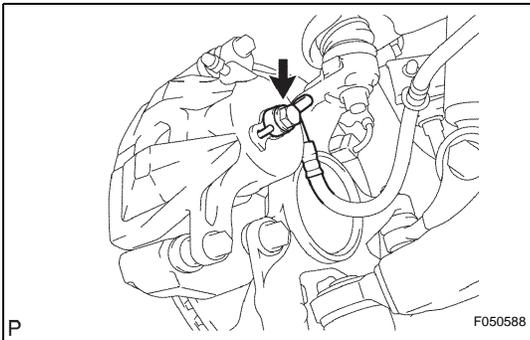
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE FRONT WHEEL**
3. **SEPARATE SKID CONTROL SENSOR WIRE**
 - (a) Remove the speed sensor connector.
 - (b) Remove the 2 bolts, and separate the skid control sensor wire.
4. **REMOVE FRONT SPEED SENSOR**
 - (a) Remove the bolt, and then remove the front speed sensor.



5. **SEPARATE FRONT FLEXIBLE HOSE**
 - (a) Remove the bolt, and separate the front flexible hose.



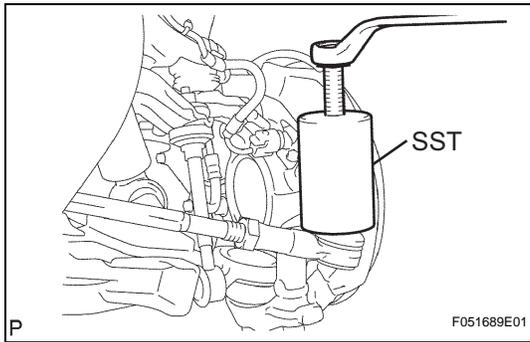
6. **REMOVE FRONT DISC BRAKE CALIPER ASSEMBLY**
 - (a) Remove the union bolt and gasket from the disc brake cylinder and then disconnect the flexible hose.



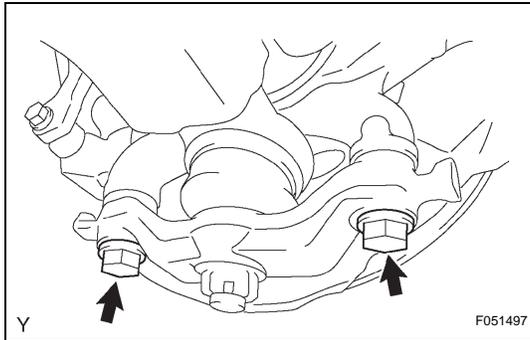
- (b) Remove the 2 bolts, and then remove the brake caliper.

7. **REMOVE FRONT DISC**
8. **SEPARATE TIE ROD END SUB-ASSEMBLY**
 - (a) Remove the cotter pin and nut.

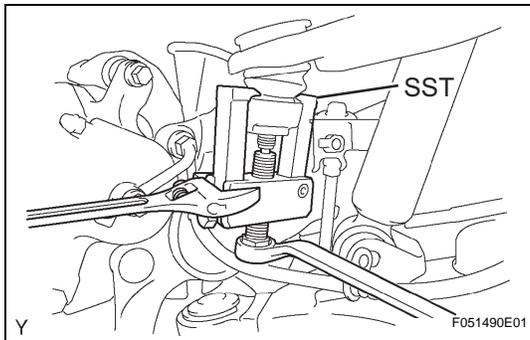




- (b) Using SST, separate the tie rod end from the steering knuckle arm.
SST 09610-20012



- 9. SEPARATE FRONT SUSPENSION LOWER ARM**
 - (a) Remove the 2 bolts, and separate the front lower ball joint attachment from the front axle.

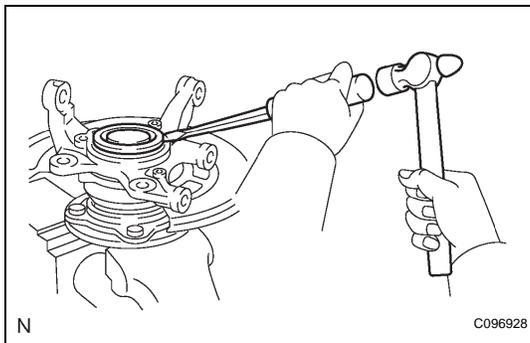


- 10. SEPARATE FRONT SUSPENSION UPPER ARM**
 - (a) Remove the clip and nut.
 - (b) Using SST, separate the upper ball joint from the steering knuckle.
SST 09628-62011

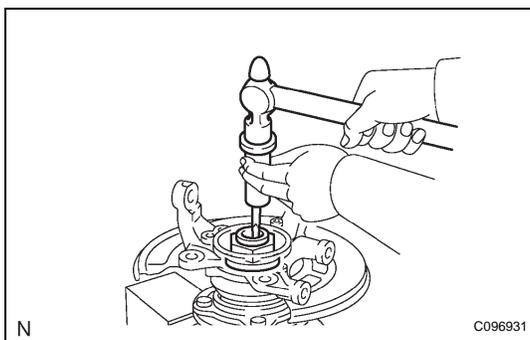
11. REMOVE FRONT AXLE HUB

AH

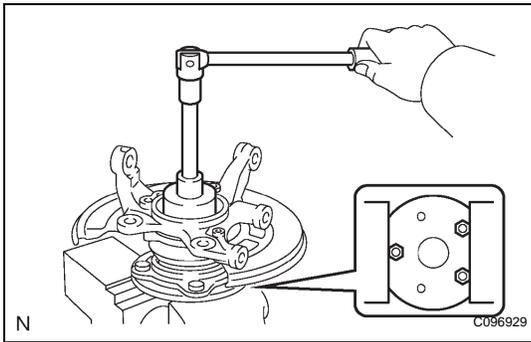
DISASSEMBLY



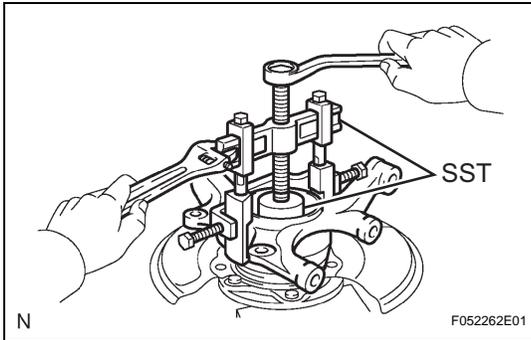
- 1. REMOVE KNUCKLE GREASE RETAINER CAP**
 - (a) Using a screwdriver and a hammer, tap out the knuckle grease retainer cap.



- 2. REMOVE FRONT AXLE HUB NUT**
 - (a) Using SST and a hammer, loosen the staked part of the lock nut.
SST 09930-00010



- (b) Attach the 3 bolts onto the hub bolt in the position shown in the illustration, and screw them into the flange, then fix them in a vice.
- (c) Using a socket wrench (36 mm), remove the lock nut.
- (d) Remove the spacer.

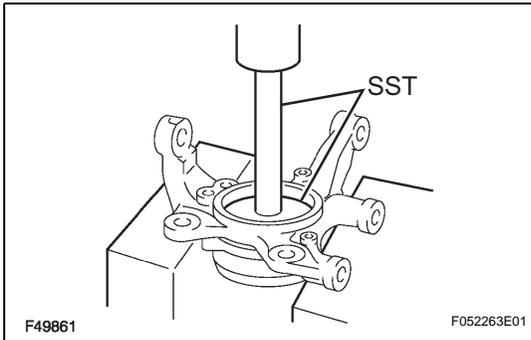


3. REMOVE STEERING KNUCKLE

- (a) Remove the 3 bolts and shift the dust cover towards the hub side (outside).
- (b) Using SST, remove the steering knuckle.
SST 09710-30021 (09710-03131), 09950-40011 (09951-04020, 09952-04010, 09953-04020, 09954-04010, 09955-04031, 09957-04010, 09958-04011)
- (c) Remove the dust cover from the axle hub.

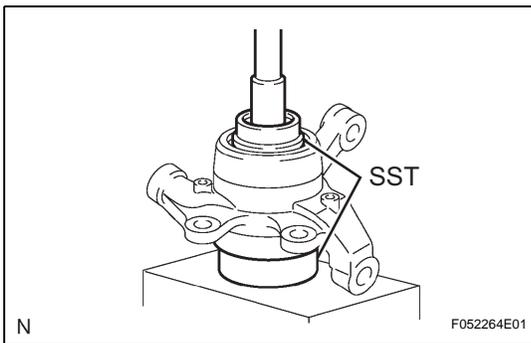
4. REMOVE FRONT AXLE HUB OIL SEAL

- (a) Using a screwdriver, pry out the oil seal from the steering knuckle.



5. REMOVE FRONT AXLE HUB INNER BEARING

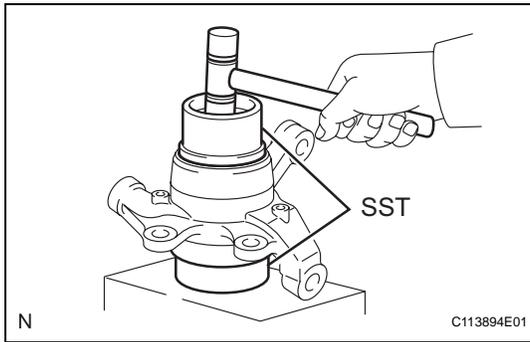
- (a) Using snap ring pliers, remove the snap ring.
- (b) Using SST and a press, press the bearing out of the steering knuckle.
SST 09950-60020 (09951-00710), 09950-70010 (09951-07150)



REASSEMBLY

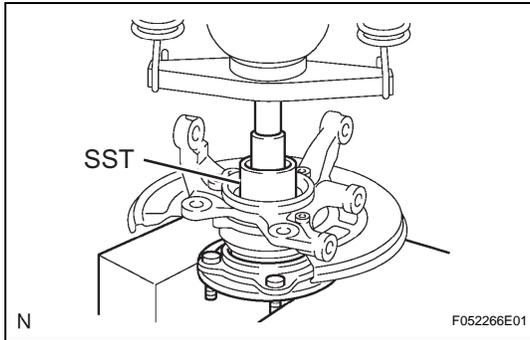
1. INSTALL FRONT AXLE HUB INNER BEARING

- (a) Using SST and a press, press a new bearing into the steering knuckle.
SST 09527-17011, 09608-10010
- (b) Using snap ring pliers, install a new snap ring.



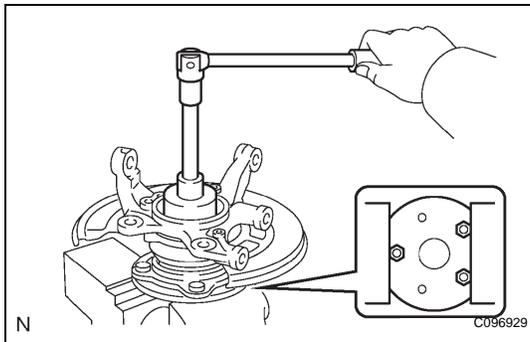
2. INSTALL FRONT AXLE HUB OIL SEAL

- (a) Using SST and a plastic-faced hammer, tap in a new oil seal.
SST 09223-15020, 09527-17011
- (b) Coat MP grease to the oil seal lip.



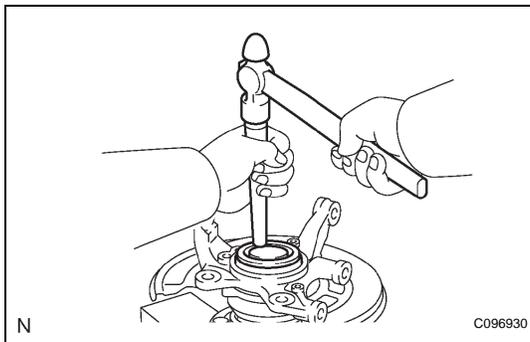
3. INSTALL STEERING KNUCKLE

- (a) Install the dust cover onto the steering knuckle with the 3 bolts.
Torque: 8.3 N*m (85 kgf*cm, 73 in.*lbf)
- (b) Using SST and a press, press in the axle hub to the steering knuckle.
SST 09710-30050



4. INSTALL FRONT AXLE HUB NUT

- (a) Attach the 3 bolts onto the hub bolt in the position shown in the illustration, and screw them into the flange, then fix them in a vice.
- (b) Install the spacer.
- (c) Using a socket wrench (36 mm), install a new lock nut onto the axle hub.
Torque: 199 N*m (2,029 kgf*cm, 147 ft.*lbf)
- (d) Using a chisel and hammer, stake the lock nut.



5. INSTALL KNUCKLE GREASE RETAINER CAP

- (a) Using a brass bar and hammer, install the knuckle grease retainer cap.
NOTICE:
Do not damage the knuckle grease retainer cap.