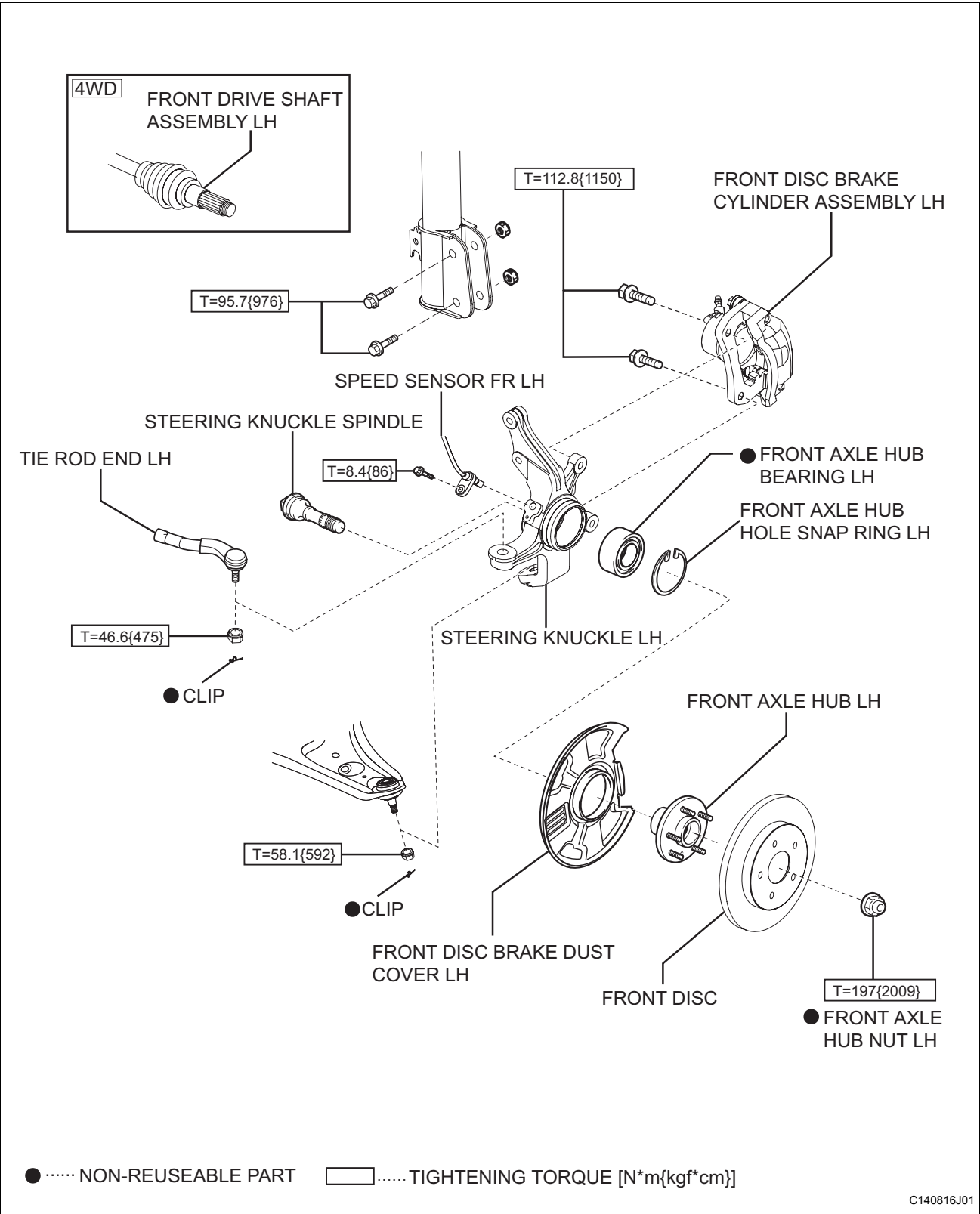


FRONT AXLE HUB LH

COMPONENTS



AH

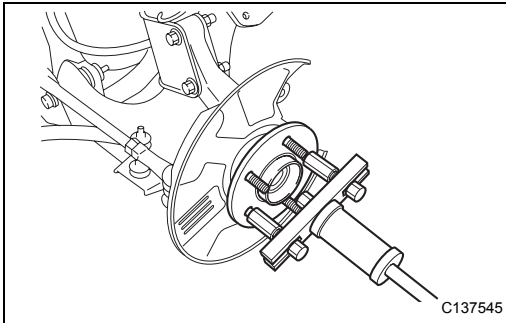


REMOVAL

1. REMOVE FRONT TIRE
2. DISCONNECT SPEED SENSOR FR LH (See page EM-46)
3. DISCONNECT FRONT DISC BRAKE CYLINDER ASSEMBLY LH
4. REMOVE FRONT DISC
5. INSPECT FRONT AXLE HUB BEARING LH (See page AH-3)
6. INSPECT FRONT AXLE RUNOUT (See page AH-3)
7. REMOVE FRONT AXLE HUB NUT LH (for 4WD) (See page DS-5)
8. REMOVE TIE ROD END LH (for 4WD) (See page DS-5)
9. REMOVE FRONT AXLE ASSEMBLY LH (See page AH-4)
10. REMOVE STEERING KNUCKLE SPINDLE (for 2WD) (See page AH-4)
11. REMOVE TIE ROD END LH (for 2WD) (See page DS-5)
12. REMOVE FRONT AXLE ASSEMBLY LH (for 2WD) (See page AH-4)
13. REMOVE FRONT AXLE HUB LH
SST 09520-00031, 09950-97201

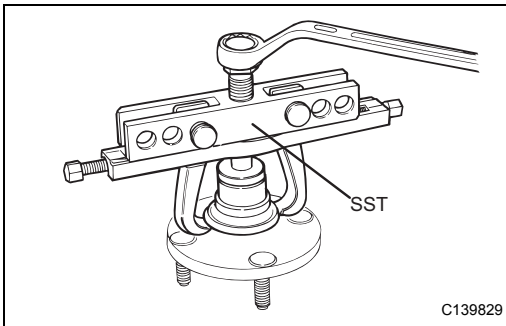
(a) Using the SST, remove the axle hub.

SST 09520-00031

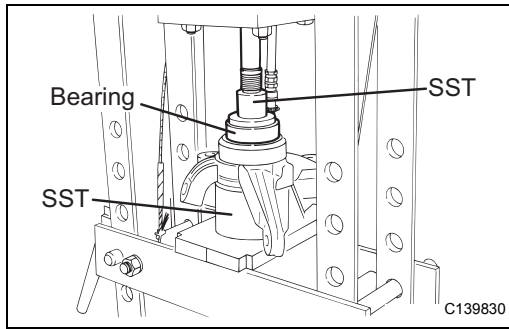


(b) Using the SST, remove the hub bearing inner race (outer side) from the axle hub.

14. REMOVE FRONT AXLE HUB HOLE SNAP RING LH (See page AH-5)
15. REMOVE FRONT AXLE HUB BEARING LH (See page AH-5)



INSTALLATION



1. INSTALL FRONT AXLE HUB BEARING LH

- (a) Using the SST and a press, press-fit a new bearing into the steering knuckle.

SST 09506-87302, 09550-10012 (09554-10010)

NOTICE:

- Do not remove the inner race because the oil seal is built-into the axle hub bearing.
- If the inner race has been removed from a bearing, do not re-use the bearing.
- Do not wipe off grease on a new bearing.
- Press-fit the bearing in the direction that allows the inside of the sensor encoder to face the brown side of the oil seal.
- Keep the magnetic rotor side away from a magnet.

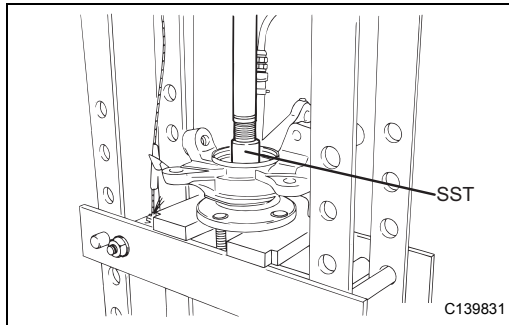
2. INSTALL FRONT AXLE HUB WHEEL SNAP RING LH

- (a) Install the front axle hub wheel snap ring LH.

3. INSTALL FRONT AXLE HUB LH

- (a) Using the SST and a press, press-fit the axle hub into the steering knuckle.

SST 09550-10012 (09554-10010)



4. INSTALL FRONT AXLE ASSEMBLY LH (for 4WD) (See page AH-6)

5. INSTALL FRONT AXLE ASSEMBLY LH (for 2WD) (See page AH-7)

6. CONNECT TIE ROD END LH (See page DS-10)

7. INSTALL FRONT AXLE HUB NUT LH (See page DS-10)

8. INSTALL STEERING KNUCKLE SPINDLE (for 2WD) (See page AH-8)

9. INSPECT LOOSENESS OF FRONT AXLE HUB AND BEARING ASSEMBLY IN THE AXIAL DIRECTION (See page AH-3)

10. INSPECT RUNOUT OF FRONT AXLE HUB AND BEARING ASSEMBLY (See page AH-3)

11. INSTALL FRONT DISC

12. INSTALL FRONT DISC BRAKE CYLINDER ASSEMBLY LH (See page EM-65)

13. INSTALL SPEED SENSOR FR LH (See page EM-65)

14. INSTALL FRONT TIRE

Torque: 103 N*m (1050 kgf*cm)

15. ADJUST FRONT WHEEL ALIGNMENT

(See page SP-4.)

16. TEST MODE INSPECTION (SPEED SENSOR)

VEHICLE WITHOUT VSC (See page BC-9)

VEHICLE WITH VSC (See page BC-65)

