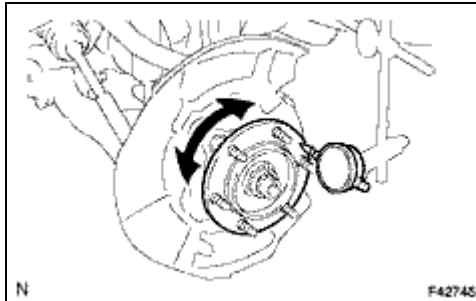


Last Modified: 11-13-2015	6.6 G	Doc ID: RM0000016ZS00MX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: AXLE SYSTEM: ON-VEHICLE INSPECTION; 2016 MY Tacoma [08/2015 -]		

ON-VEHICLE INSPECTION

1. INSPECT FRONT AXLE HUB BEARING



- (a) Remove the front wheel.
- (b) for 4WD:
 - (1) Remove the front axle hub grease cap INFO.
- (c) Remove the front disc brake caliper INFO.
- (d) Remove the front disc.
- (e) Inspect the axle hub backlash.
 - (1) Using a dial indicator, check the backlash near the center of the axle hub.

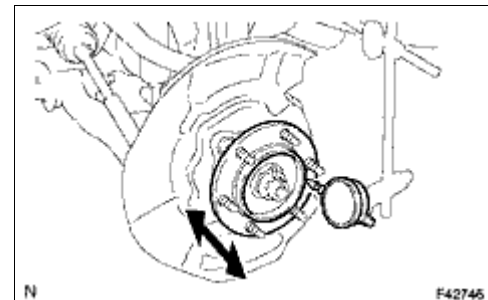
Maximum:
0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the bearing.

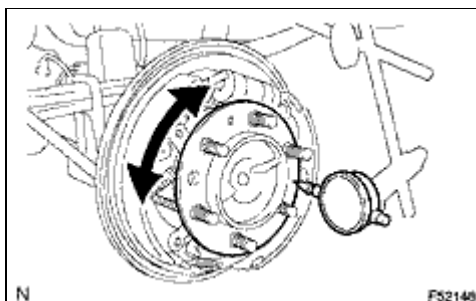
- (f) Inspect the axle hub deviation.
 - (1) Using a dial indicator, check the distortion of the surface of the axle hub.

Maximum:
0.05 mm (0.0020 in.)

If the deviation exceeds the maximum, replace the bearing.



2. INSPECT REAR AXLE HUB BEARING



- (a) Remove the rear wheel.
- (b) Remove the rear brake drum  .
- (c) Inspect the axle shaft backlash.

(1) Using a dial indicator, check the backlash near the center of the axle shaft.

Maximum:

0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the bearing.

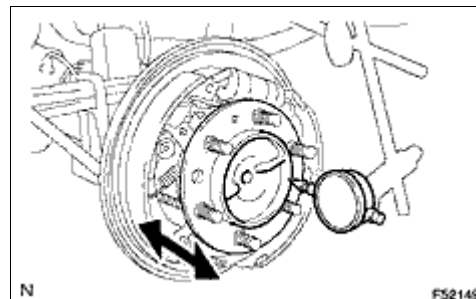
- (d) Inspect the axle shaft deviation.

(1) Using a dial indicator, check the distortion of the surface of the axle shaft.

Maximum:

0.05 mm (0.0020 in.)

If the deviation exceeds the maximum, replace the bearing.



Last Modified: 11-13-2015	6.6 T	Doc ID: RM0000016XJ00LX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: AXLE SYSTEM: PROBLEM SYMPTOMS TABLE; 2016 MY Tacoma [08/2015 -]		

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

Axle System

SYMPTOM	SUSPECTED AREA	SEE PAGE
Wander/pulls	Tires (Worn or improperly inflated)	INFO
	Front wheel alignment (Incorrect)	INFO
	Hub bearings (Loosen or worn)	INFO
	Steering gear (Out of adjustment or broken)	-
Front wheel shimmy	Tires (Worn or improperly inflated)	INFO
	Wheels (Out of balance)	INFO
	Front shock absorber (Worn out)	INFO
	Front wheel alignment (Incorrect)	INFO
	Upper ball joints (Worn)	INFO
	Lower ball joints (Worn)	INFO
	Hub bearings (Loosen or worn)	INFO
	Steering gear (Out of adjustment or broken)	-
Rear wheel shimmy	Tires (Worn or improperly inflated)	INFO
	Wheels (Out of balance)	INFO
	Rear shock absorber (Worn out)	INFO
	Hub bearings (Loosen or worn)	INFO

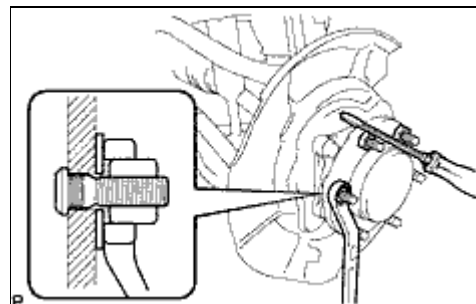


Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016X900VX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: FRONT AXLE HUB BOLT: INSTALLATION; 2016 MY Tacoma [08/2015 -]		

INSTALLATION

1. INSTALL FRONT AXLE HUB BOLT

- Install a new hub bolt through the axle hub.
- Install the washer plate, as shown in the illustration, through the hub bolt, and install the hub bolt by tightening the hub nut.



2. INSTALL FRONT DISC

3. INSTALL FRONT DISC BRAKE CALIPER ASSEMBLY [INFO](#)

4. INSTALL FRONT WHEEL

Torque:

113 N·m {1152 kgf·cm, 83ft·lbf}

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque:

5.4 N·m {55 kgf·cm, 48in·lbf}

[INFO](#)

6. FILL RESERVOIR WITH BRAKE FLUID (for Hydraulic Brake Booster) [INFO](#)

7. FILL RESERVOIR WITH BRAKE FLUID (for Vacuum Brake Booster) [INFO](#)

8. BLEED MASTER CYLINDER (for Vacuum Brake Booster) [INFO](#)

9. BLEED BRAKE LINE (for Hydraulic Brake Booster) [INFO](#)

10. BLEED BRAKE LINE (for Vacuum Brake Booster) [INFO](#)

11. INSPECT FLUID LEVEL IN RESERVOIR (for Hydraulic Brake Booster) [INFO](#)

12. INSPECT FLUID LEVEL IN RESERVOIR (for Vacuum Brake Booster) [INFO](#)

13. INSPECT FOR BRAKE FLUID LEAK



Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016XA01KX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: FRONT AXLE HUB BOLT: REMOVAL; 2016 MY Tacoma [08/2015 -]		

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

2. REMOVE FRONT WHEEL

3. DRAIN BRAKE FLUID

NOTICE:

Immediately wash off any brake fluid that comes into contact with painted surfaces.

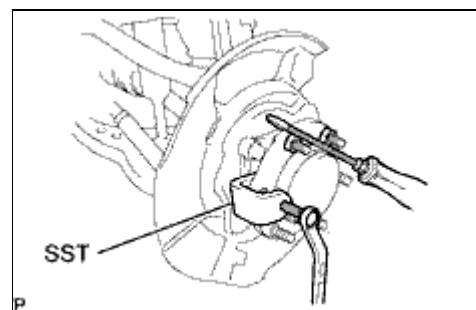
4. REMOVE FRONT DISC BRAKE CALIPER ASSEMBLY [INFO](#)

5. REMOVE FRONT DISC

6. REMOVE FRONT AXLE HUB BOLT

(a) Using SST and a screwdriver, remove the hub bolt.

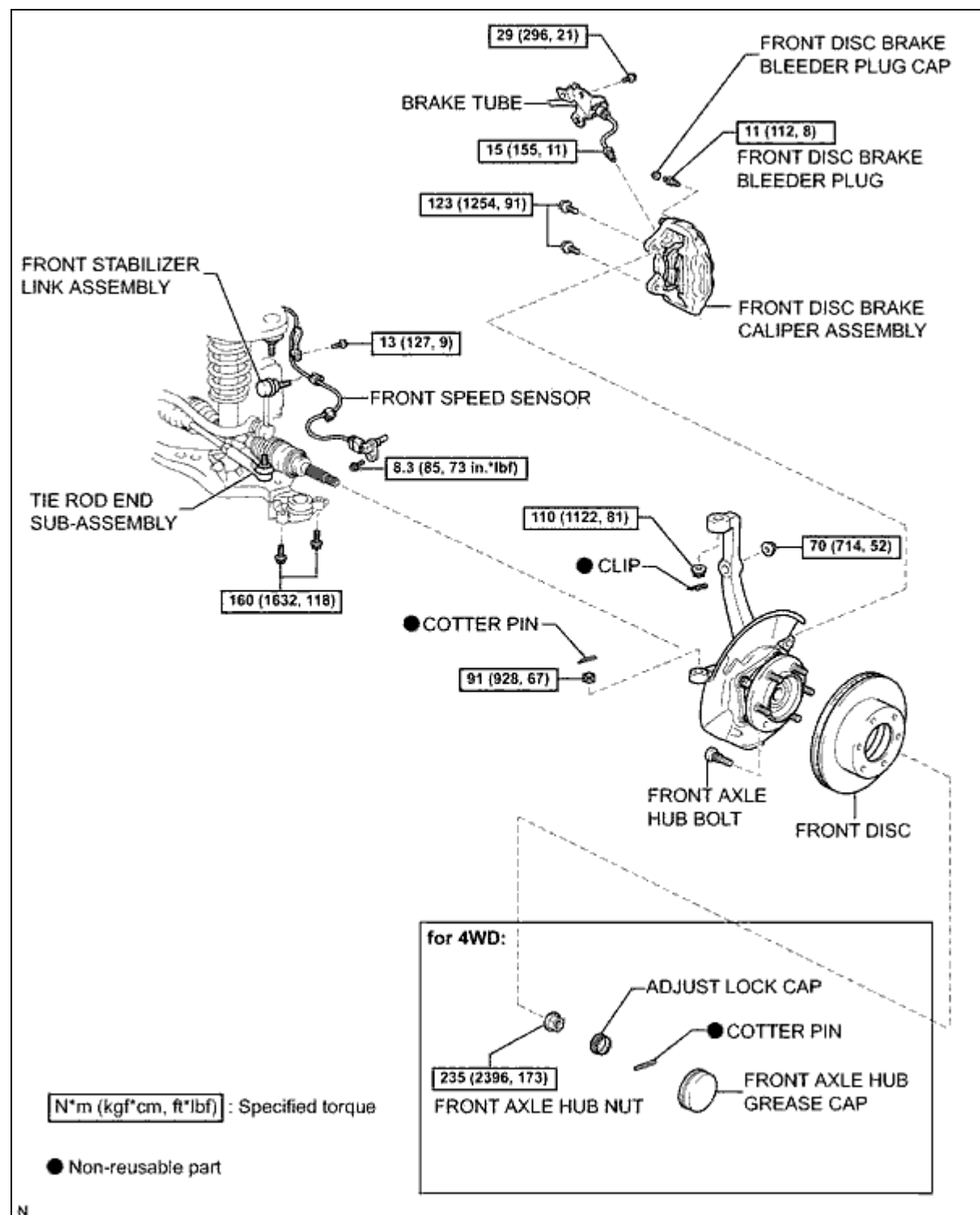
SST: 09611-12010



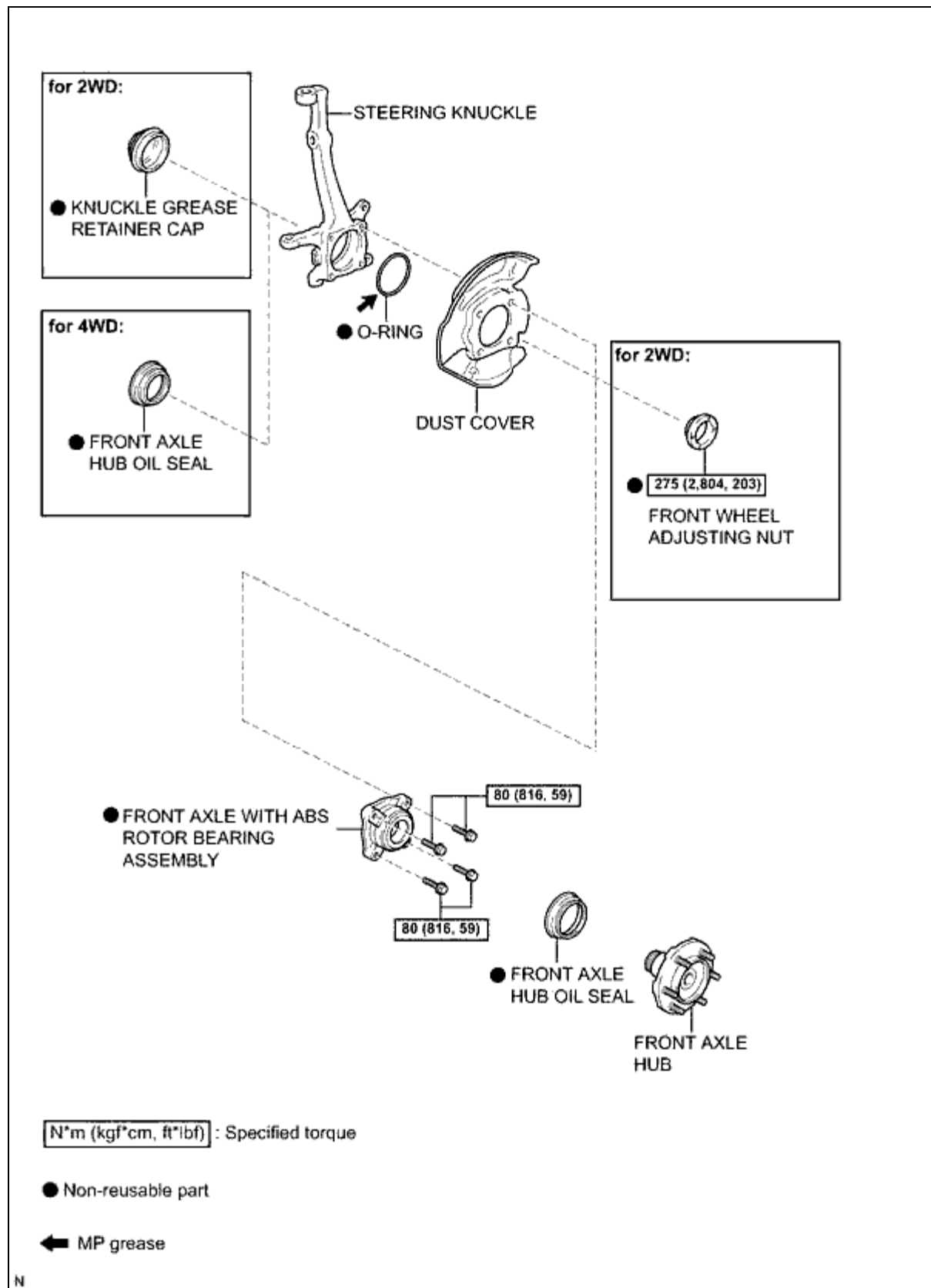
Last Modified: 11-13-2015	6.6 K	Doc ID: RM0000016X502SX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: FRONT AXLE HUB: COMPONENTS; 2016 MY Tacoma [08/2015 -]		

COMPONENTS

ILLUSTRATION



ILLUSTRATION

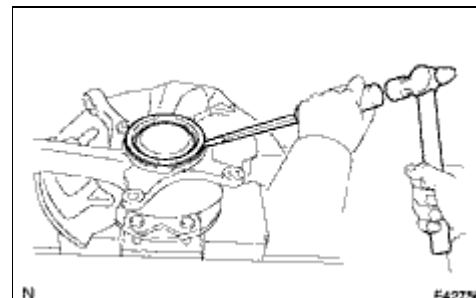


Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016X7031X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: FRONT AXLE HUB: DISASSEMBLY; 2016 MY Tacoma [08/2015 -]		

DISASSEMBLY

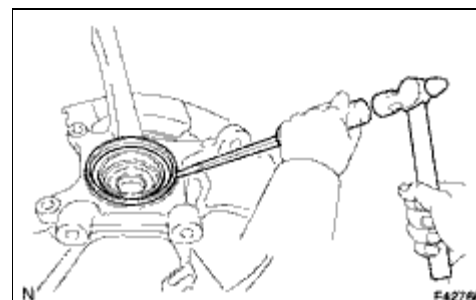
1. REMOVE KNUCKLE GREASE RETAINER CAP (for 2WD)

- (a) Using a screwdriver and hammer, remove the knuckle grease retainer cap.

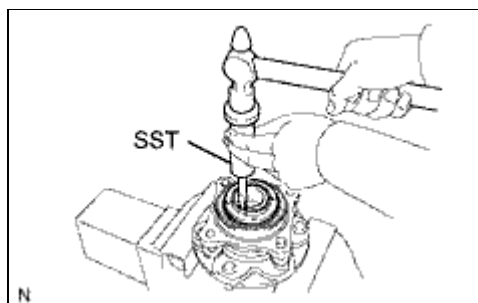


2. REMOVE FRONT AXLE HUB OIL SEAL (for 4WD)

- (a) Using a screwdriver and hammer, remove the front axle hub oil seal.



3. REMOVE FRONT WHEEL ADJUSTING NUT (for 2WD)

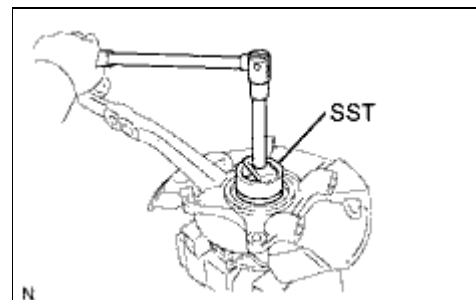


- (a) Using SST and a hammer, unstage the front wheel adjusting nut.

SST: 09930-00010

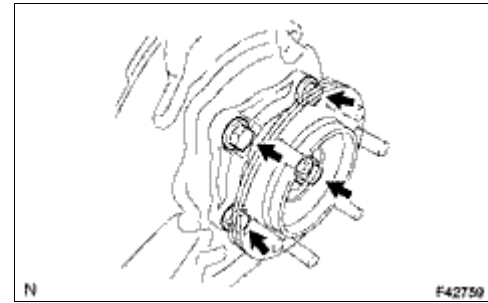
- (b) Using SST, remove the front wheel adjusting nut.

SST: 09318-12010



4. REMOVE FRONT AXLE HUB

- (a) Remove the 4 bolts and axle hub from the steering knuckle.
- (b) Remove the O-ring from the axle hub.



5. REMOVE FRONT AXLE WITH ABS ROTOR BEARING ASSEMBLY

- (a) Gently fix the front axle hub in a vise.
- (b) Using SST, remove the bearing.

SST: 09710-30021

09710-03051

SST: 09950-40011

09951-04020

09952-04010

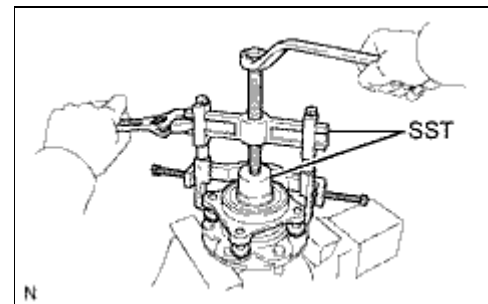
09953-04020

09954-04010

09955-04061

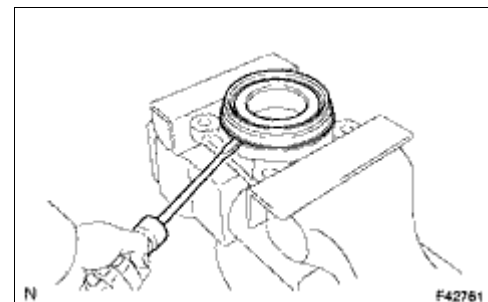
09957-04010

09958-04011



6. REMOVE FRONT AXLE HUB OIL SEAL

- (a) Using a screwdriver, remove the front axle hub oil seal.



Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016X404DX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: FRONT AXLE HUB: INSTALLATION; 2016 MY Tacoma [08/2015 -]		

INSTALLATION

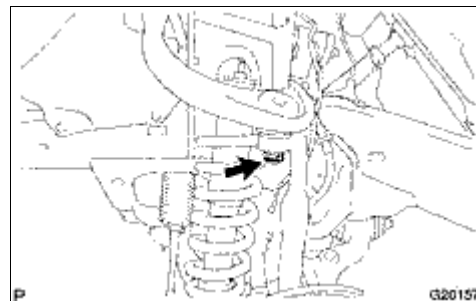
1. INSTALL FRONT AXLE HUB

2. INSTALL FRONT SUSPENSION UPPER ARM

- (a) Install a new nut and clip.

Torque:

110 N·m {1122 kgf·cm, 81ft·lbf}

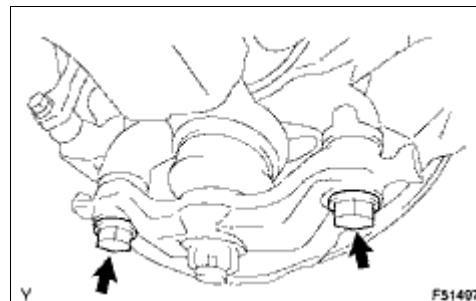


3. INSTALL FRONT SUSPENSION LOWER ARM

- (a) Install the front suspension lower arm with the 2 bolts.

Torque:

160 N·m {1631 kgf·cm, 118ft·lbf}



4. INSTALL TIE ROD END SUB-ASSEMBLY

- (a) Install the tie rod end with the nut.

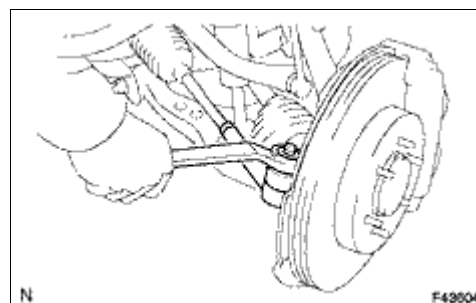
Torque:

91 N·m {928 kgf·cm, 67ft·lbf}

- (b) Install a new cotter pin.

NOTICE:

If the holes in the cotter pin are not aligned, tighten the nut an additional 60°.



5. INSTALL FRONT STABILIZER LINK ASSEMBLY

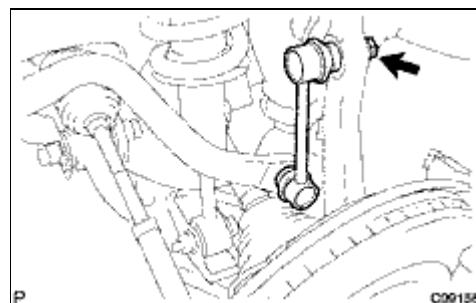
- (a) Install the stabilizer link onto the steering knuckle with the nut.

Torque:

70 N·m {714 kgf·cm, 52ft·lbf}

HINT:

If the ball joint turns together with the nut, use a hexagon (6 mm) wrench to hold the stud.



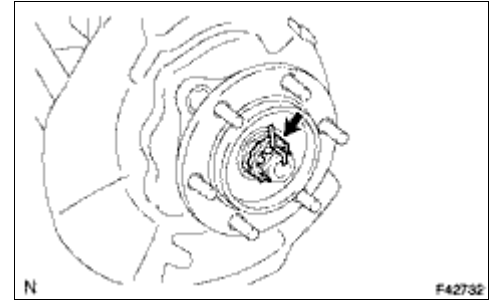
6. INSTALL FRONT AXLE HUB NUT (for 4WD)

(a) Install the hub nut.

Torque:

235 N·m {2396 kgf·cm, 173ft·lbf}

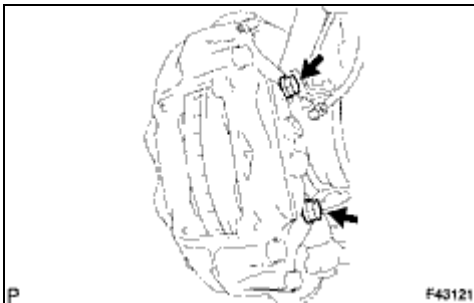
(b) Install the adjusting cap and cotter pin.



7. INSTALL FRONT AXLE HUB GREASE CAP (for 4WD)

8. INSTALL FRONT DISC

9. INSTALL FRONT DISC BRAKE CALIPER ASSEMBLY



(a) Install the front disc brake caliper with the 2 bolts.

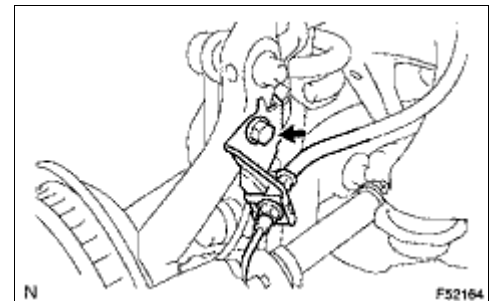
Torque:

123 N·m {1254 kgf·cm, 91ft·lbf}

(b) Install the brake tube bracket onto the steering knuckle with the bolt.

Torque:

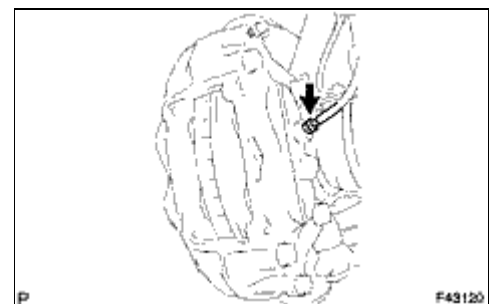
29 N·m {296 kgf·cm, 21ft·lbf}



(c) Using a union nut wrench, connect the brake tube to the disc brake cylinder.

Torque:

15 N·m {155 kgf·cm, 11ft·lbf}



10. INSTALL FRONT SPEED SENSOR

- (a) Install the speed sensor wire harness onto the steering knuckle with the bolt.

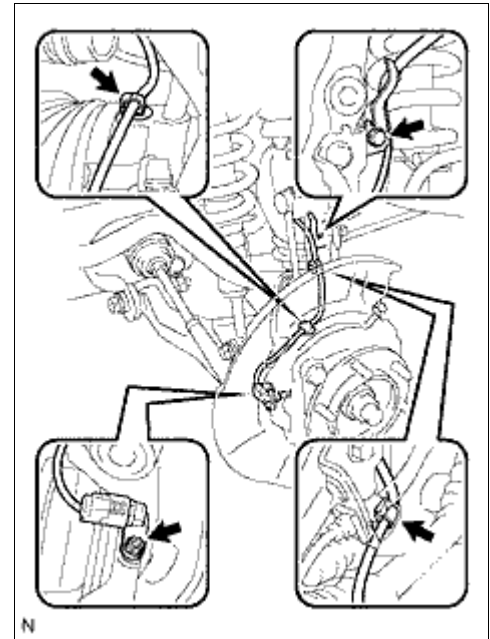
Torque:

13 N·m {133 kgf·cm, 10ft·lbf}

- (b) Engage the 2 clips.
- (c) Install the speed sensor with the bolt.

Torque:

8.3 N·m {85 kgf·cm, 73in·lbf}



11. INSTALL FRONT WHEEL

Torque:

113 N·m {1152 kgf·cm, 83ft·lbf}

12. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque:

5.4 N·m {55 kgf·cm, 48in·lbf}

INFO

13. FILL RESERVOIR WITH BRAKE FLUID (for Hydraulic Brake Booster) INFO

14. FILL RESERVOIR WITH BRAKE FLUID (for Vacuum Brake Booster) INFO

15. BLEED MASTER CYLINDER (for Vacuum Brake Booster) INFO

16. BLEED BRAKE LINE (for Hydraulic Brake Booster) INFO

17. BLEED BRAKE LINE (for Vacuum Brake Booster) INFO

18. INSPECT FLUID LEVEL IN RESERVOIR (for Hydraulic Brake Booster) INFO

19. INSPECT FLUID LEVEL IN RESERVOIR (for Vacuum Brake Booster) INFO

20. INSPECT FOR BRAKE FLUID LEAK

21. CHECK VSC SENSOR SIGNAL (for Hydraulic Brake Booster)

INFO

22. CHECK VSC SENSOR SIGNAL (for Vacuum Brake Booster)

INFO

23. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT

INFO



Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016X8031X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: FRONT AXLE HUB: REASSEMBLY; 2016 MY Tacoma [08/2015 -]		

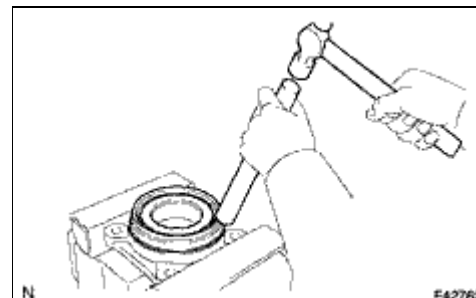
REASSEMBLY

1. INSTALL FRONT AXLE HUB OIL SEAL

- (a) Using a brass bar and a hammer, install a new front axle hub oil seal.

NOTICE:

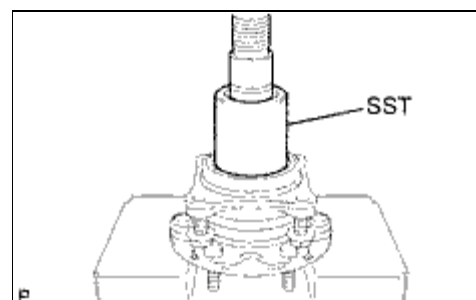
Do not damage the oil seal.



2. INSTALL FRONT AXLE WITH ABS ROTOR BEARING ASSEMBLY

- (a) Using SST and a press, install a new bearing onto the front axle hub.

SST: 09649-17010

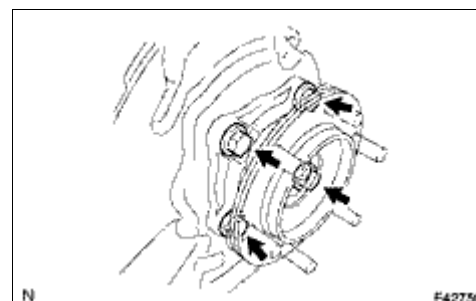


3. INSTALL FRONT AXLE HUB

- (a) Apply MP grease to a new O-ring.
 (b) Install the new O-ring onto the axle hub.
 (c) Install the dust cover and axle hub onto the steering knuckle with the 4 bolts.

Torque:

80 N·m {816 kgf·cm, 59ft·lbf}



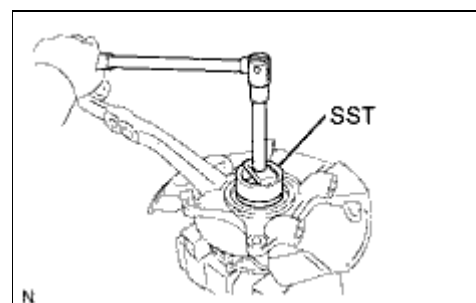
4. INSTALL FRONT WHEEL ADJUSTING NUT (for 2WD)

- (a) Using SST, install a new front wheel adjusting nut.

SST: 09318-12010

Torque:

275 N·m {2,804 kgf·cm, 203ft·lbf}



5. INSTALL FRONT AXLE HUB OIL SEAL (for 4WD)

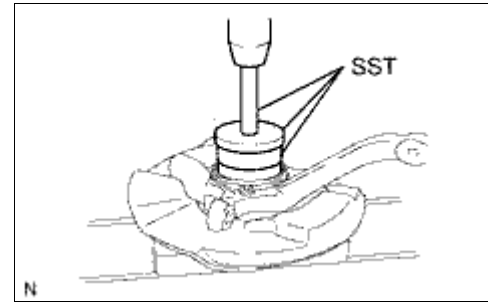
(a) Using SST and a press, install a new front axle hub oil seal.

SST: 09527-17011

SST: 09950-70010

09951-07100

SST: 09951-01000

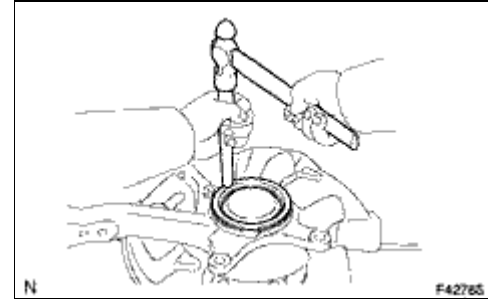


6. INSTALL KNUCKLE GREASE RETAINER CAP (for 2WD)

(a) Using a brass bar and a hammer, install a new knuckle grease retainer cap.

NOTICE:

Do not damage the knuckle grease retainer cap.



Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016X603EX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: FRONT AXLE HUB: REMOVAL; 2016 MY Tacoma [08/2015 -]		

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

2. REMOVE FRONT WHEEL

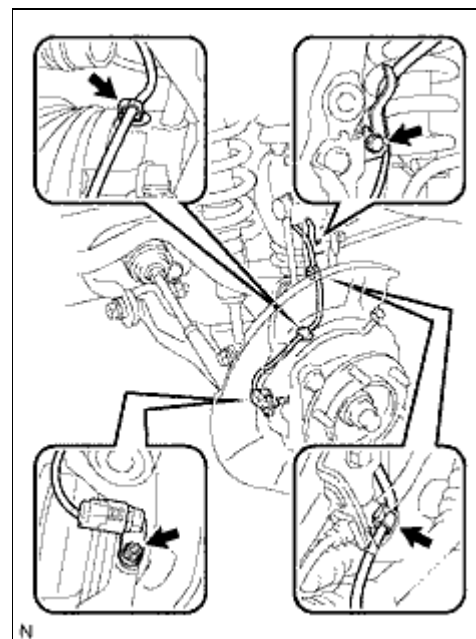
3. DRAIN BRAKE FLUID

NOTICE:

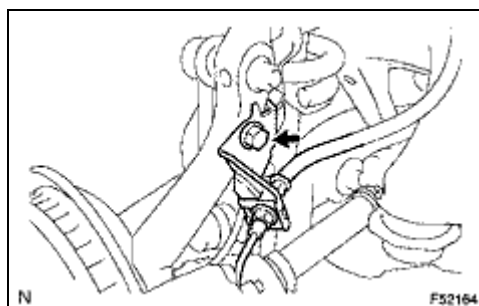
Immediately wash off any brake fluid that comes into contact with painted surfaces.

4. SEPARATE FRONT SPEED SENSOR

- Remove the bolt and separate the speed sensor front LH.
- Disengage the 2 clamps.
- Remove the bolt and separate the speed sensor wire harness from the steering knuckle.



5. REMOVE FRONT DISC BRAKE CALIPER ASSEMBLY



- Remove the bolt and separate the brake tube bracket from the steering knuckle.

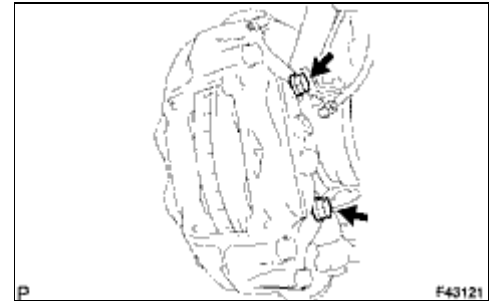
- (b) Using a union nut wrench, disconnect the brake tube from the disc brake cylinder.

NOTICE:

Use a container to catch the brake fluid as it drains out.



- (c) Remove the 2 bolts and disc brake caliper.



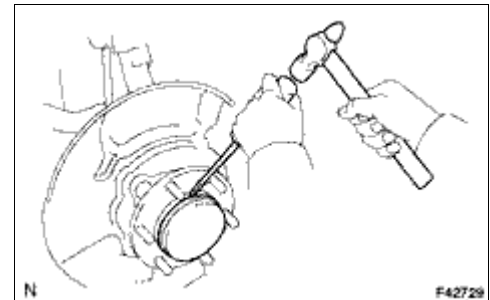
6. REMOVE FRONT DISC

7. REMOVE FRONT AXLE HUB GREASE CAP (for 4WD)

- (a) Using a screwdriver and a hammer, remove the front axle hub grease cap.

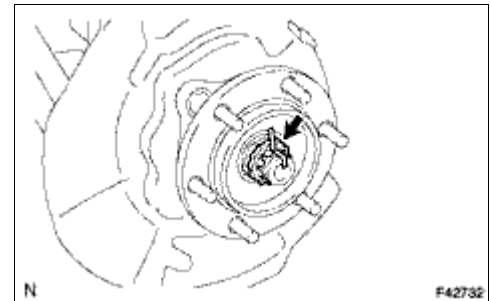
NOTICE:

Do not damage the axle hub.



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

- (a) Remove the cotter pin and lock cap.
(b) Remove the front axle hub nut.

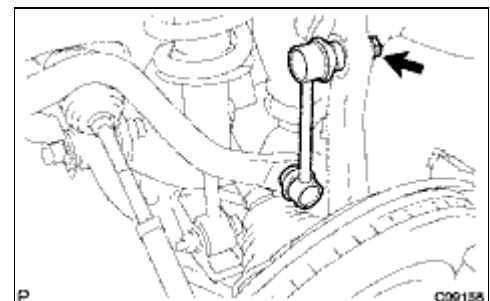


9. SEPARATE FRONT STABILIZER LINK ASSEMBLY

- (a) Remove the nut and separate the stabilizer link from the steering knuckle.

HINT:

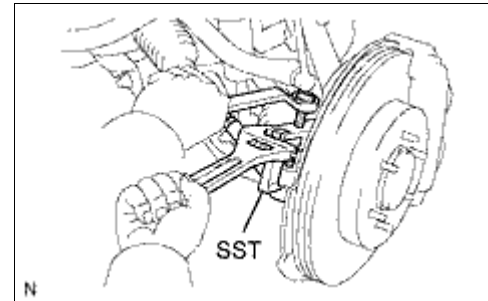
If the ball joint turns together with the nut, use a hexagon (6 mm) wrench to hold the stud.



10. SEPARATE TIE ROD END SUB-ASSEMBLY

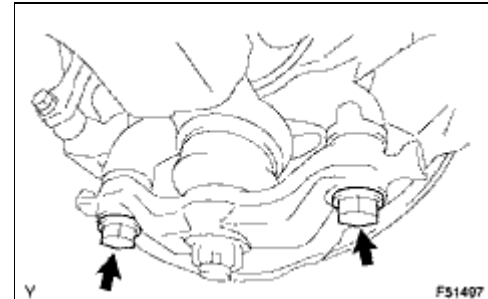
- (a) Remove the cotter pin and nut.
- (b) Using SST, separate the tie rod end from the steering knuckle.

SST: 09628-62011



11. REMOVE FRONT SUSPENSION LOWER ARM

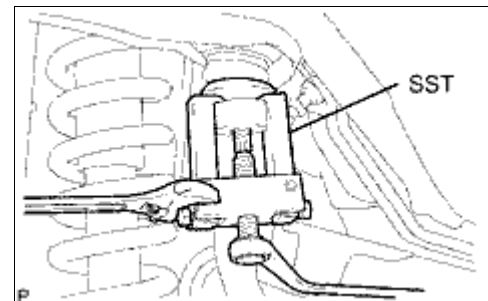
- (a) Remove the 2 bolts, and separate the front suspension lower arm from the front axle.



12. SEPARATE FRONT SUSPENSION UPPER ARM

- (a) Support the front suspension lower arm with a jack.
- (b) Remove the clip and nut.
- (c) Using SST, separate the steering knuckle from the front suspension upper arm.

SST: 09628-62011



13. REMOVE FRONT AXLE HUB

- (a) for 4WD:
 - (1) Using a plastic hammer, separate the front axle hub from the front drive shaft.
- (b) Remove the front axle hub.

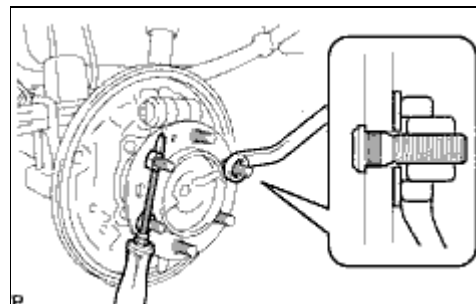


Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016XH00LX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: REAR AXLE HUB BOLT: INSTALLATION; 2016 MY Tacoma [08/2015 -]		

INSTALLATION

1. INSTALL REAR AXLE HUB BOLT

- (a) Install a new hub bolt through the axle hub.
- (b) Install the washer plate, as shown in the illustration, through the hub bolt, and install the hub bolt by tightening the hub nut.



2. APPLY HIGH TEMPERATURE GREASE [INFO](#)

3. INSTALL REAR BRAKE SHOE [INFO](#)

4. INSTALL FRONT BRAKE SHOE [INFO](#)

5. INSPECT REAR DRUM BRAKE INSTALLATION [INFO](#)

6. INSTALL REAR BRAKE DRUM SUB-ASSEMBLY [INFO](#)

7. ADJUST REAR DRUM BRAKE SHOE CLEARANCE [INFO](#)

8. INSTALL REAR WHEEL

Torque:

113 N·m {1,152 kgf·cm, 83ft·lbf}

9. INSPECT PARKING BRAKE LEVER TRAVEL [INFO](#)

10. ADJUST PARKING BRAKE LEVER TRAVEL [INFO](#)



Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016XI01AX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: REAR AXLE HUB BOLT: REMOVAL; 2016 MY Tacoma [08/2015 -]		

REMOVAL

1. REMOVE REAR WHEEL

2. REMOVE REAR BRAKE DRUM SUB-ASSEMBLY [INFO](#)

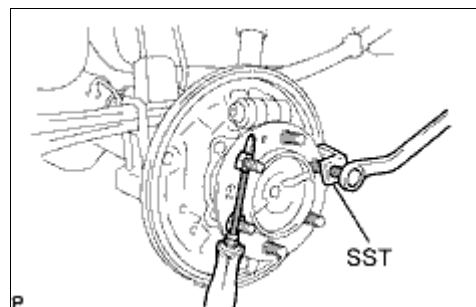
3. REMOVE FRONT BRAKE SHOE [INFO](#)

4. REMOVE REAR BRAKE SHOE [INFO](#)

5. REMOVE REAR AXLE HUB BOLT

(a) Using SST, remove the hub bolt.

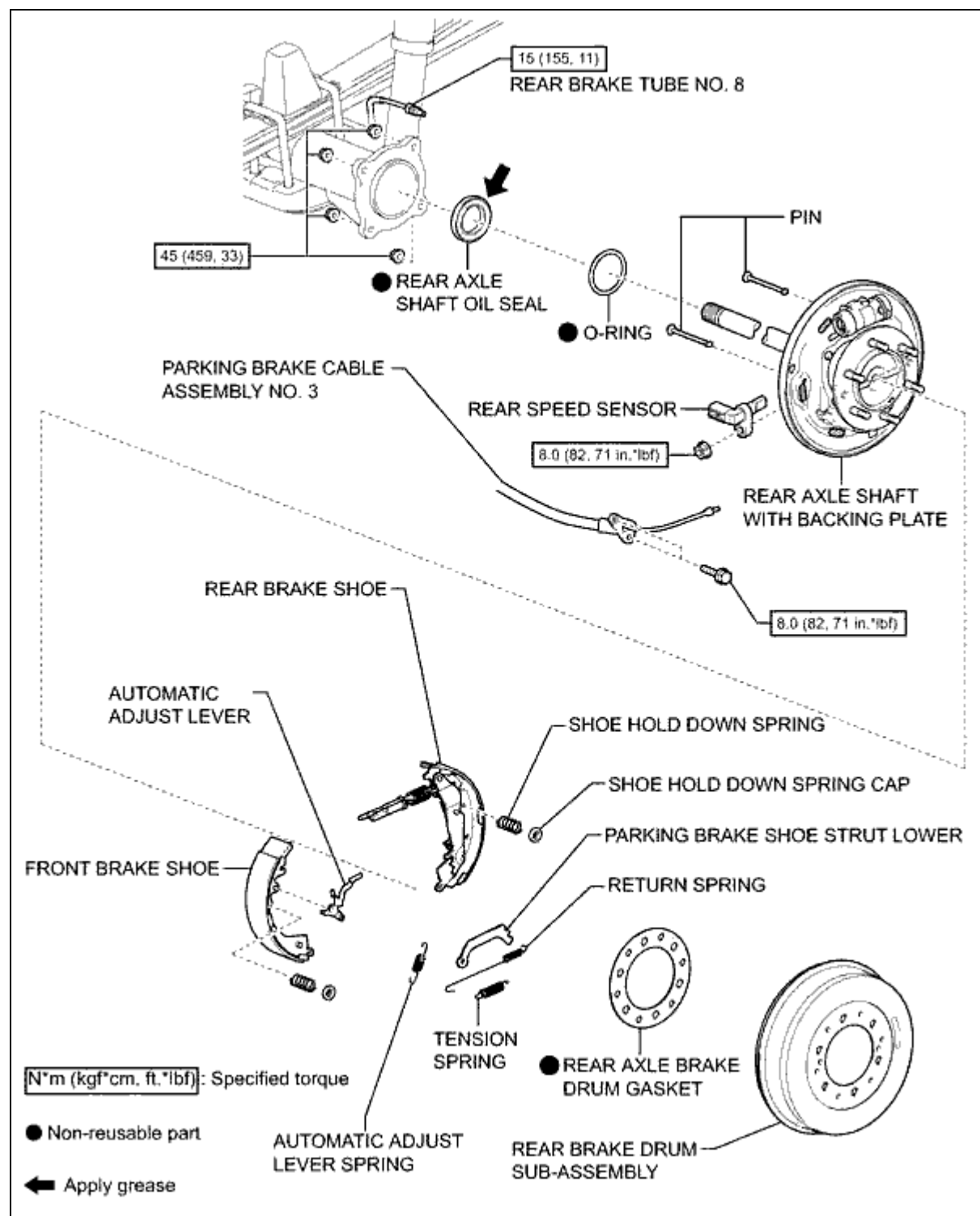
SST: 09650-17011



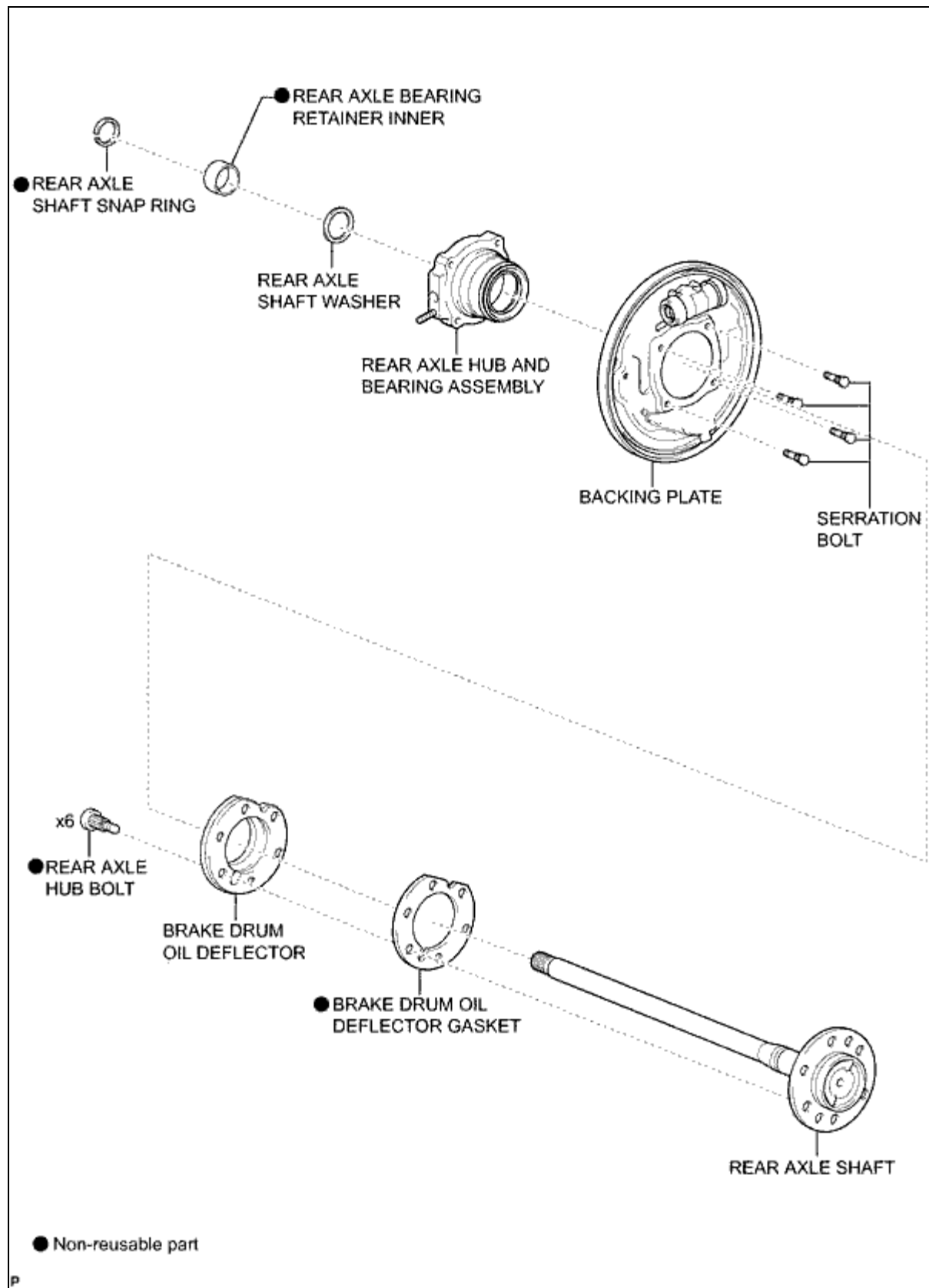
Last Modified: 11-13-2015	6.6 K	Doc ID: RM0000016XD019X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: REAR AXLE SHAFT: COMPONENTS; 2016 MY Tacoma [08/2015 -]		

COMPONENTS

ILLUSTRATION



ILLUSTRATION

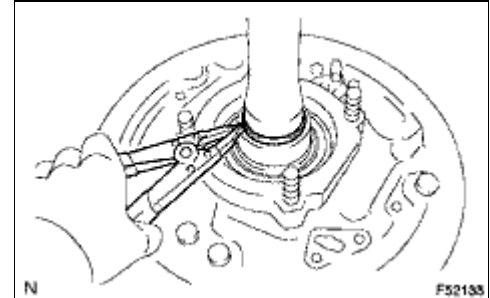


Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016XF019X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: REAR AXLE SHAFT: DISASSEMBLY; 2016 MY Tacoma [08/2015 -]		

DISASSEMBLY

1. REMOVE REAR AXLE SHAFT SNAP RING

- (a) Using a snap ring expander, remove the snap ring.

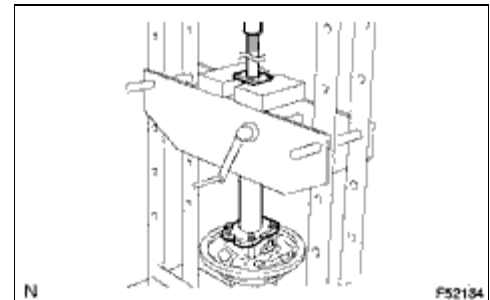


2. REMOVE REAR AXLE SHAFT

- (a) Using SST and press, remove the rear axle shaft.

SST: 09521-25011

SST: 09521-25021



3. REMOVE REAR AXLE BEARING RETAINER INNER

- (a) Remove the rear axle bearing retainer inner from the rear axle bearing.

4. REMOVE REAR AXLE SHAFT WASHER

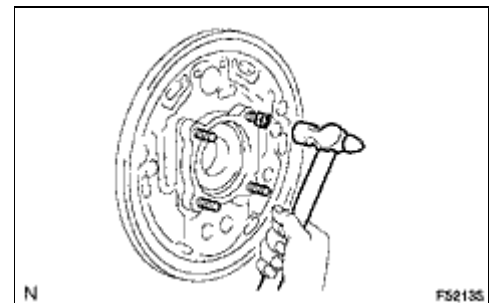
- (a) Remove the rear axle shaft washer from the rear axle bearing.

5. REMOVE REAR AXLE HUB AND BEARING ASSEMBLY

- (a) Attach the 4 nuts to the rear axle housing bolts.
- (b) Using a hammer, remove the 4 rear axle housing bolts and rear axle bearing.

NOTICE:

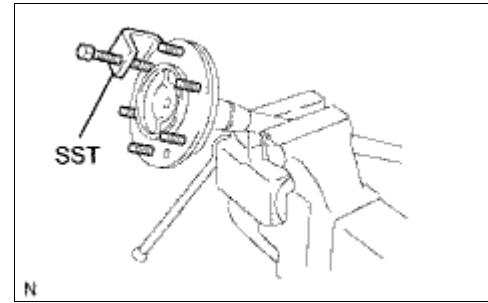
Do not reuse the nuts previously removed from the vehicle.



6. REMOVE REAR AXLE HUB BOLT

- (a) Using SST, remove the 6 hub bolts.

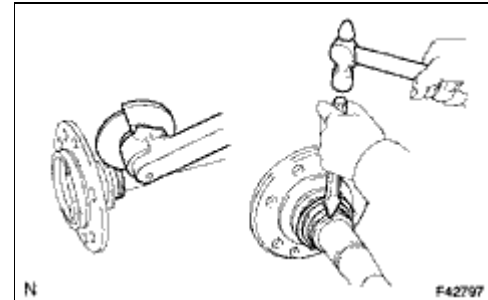
SST: 09650-17011



- (b) Remove the deflector and deflector gasket from the rear axle shaft.

7. REMOVE REAR AXLE BEARING OIL SEAL

- (a) Grind the rear axle bearing inner race surface using a grinder, and then chisel them out with a chisel.
- (b) Remove the rear axle shaft oil seal from the rear axle shaft.



Last Modified: 11-13-2015	6.6 G	Doc ID: RM0000016XC019X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: REAR AXLE SHAFT: INSPECTION; 2016 MY Tacoma [08/2015 -]		

INSPECTION

1. INSPECT REAR AXLE SHAFT

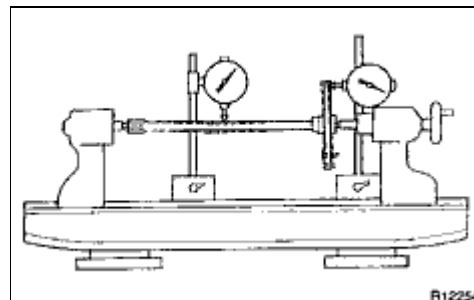
- (a) Using a dial indicator, measure the runout of the shaft and flange.

Maximum runout:

Shaft runout: 1.5 mm (0.0591 in.)

Flange runout: 0.05 mm (0.0020 in.)

If the rear axle shaft or flange is damaged or worn, or the runout is greater than the maximum, replace the rear axle shaft.



Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016XB01DX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: REAR AXLE SHAFT: INSTALLATION; 2016 MY Tacoma [08/2015 -]		

INSTALLATION

1. INSTALL REAR AXLE SHAFT OIL SEAL

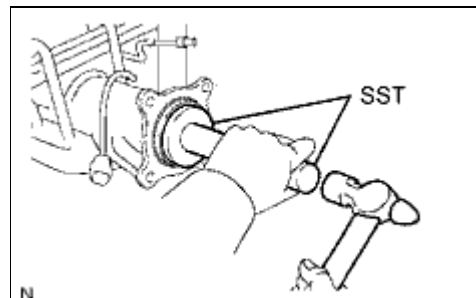
(a) Using SST and a hammer, install a new oil seal.

SST: 09950-60020

09951-00770

SST: 09950-70010

09951-07150



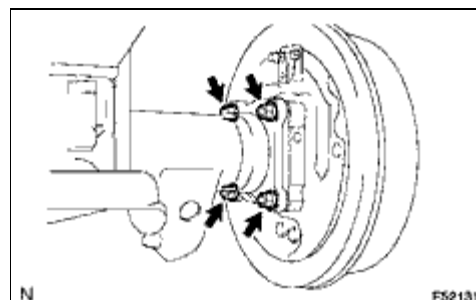
2. INSTALL REAR AXLE SHAFT WITH BACKING PLATE

(a) Install a new O-ring.

(b) Install the rear axle shaft with backing plate with the 4 nuts.

Torque:

45 N·m {459 kgf·cm, 33ft·lbf}

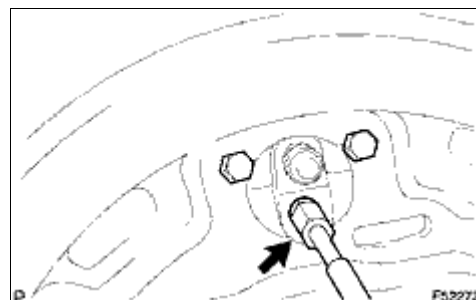


3. INSTALL REAR BRAKE TUBE NO. 8

(a) Using a union nut wrench, connect the brake tube.

Torque:

15 N·m {155 kgf·cm, 11ft·lbf}

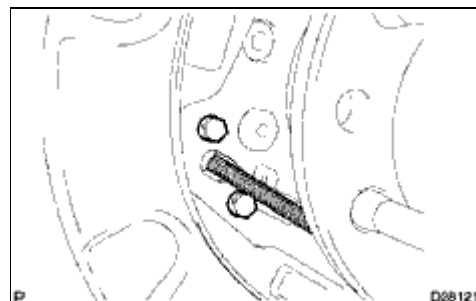


4. INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 3

(a) Install the parking brake cable with the 2 bolts onto the backing plate.

Torque:

8.0 N·m {82 kgf·cm, 71in·lbf}



5. INSTALL REAR SPEED SENSOR [INFO](#)

6. APPLY HIGH TEMPERATURE GREASE [INFO](#)

7. INSTALL REAR BRAKE SHOE [INFO](#)

8. INSTALL FRONT BRAKE SHOE INFO

9. INSPECT REAR DRUM BRAKE INSTALLATION INFO

10. INSTALL REAR BRAKE DRUM SUB-ASSEMBLY INFO

11. ADJUST REAR DRUM BRAKE SHOE CLEARANCE INFO

12. INSTALL REAR WHEEL

Torque:

113 N·m {1152 kgf·cm, 83ft·lbf}

13. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque:

5.4 N·m {55 kgf·cm, 48in·lbf}

INFO

14. FILL RESERVOIR WITH BRAKE FLUID (for Hydraulic Brake Booster) INFO

15. FILL RESERVOIR WITH BRAKE FLUID (for Vacuum Brake Booster) INFO

16. BLEED MASTER CYLINDER (for Vacuum Brake Booster) INFO

17. BLEED BRAKE LINE (for Hydraulic Brake Booster) INFO

18. BLEED BRAKE LINE (for Vacuum Brake Booster) INFO

19. INSPECT FLUID LEVEL IN RESERVOIR (for Hydraulic Brake Booster) INFO

20. INSPECT FLUID LEVEL IN RESERVOIR (for Vacuum Brake Booster) INFO

21. INSPECT FOR BRAKE FLUID LEAK

22. INSPECT PARKING BRAKE LEVER TRAVEL INFO

23. ADJUST PARKING BRAKE LEVER TRAVEL INFO

24. CHECK VSC SENSOR SIGNAL (for Hydraulic Brake Booster)

INFO

25. CHECK VSC SENSOR SIGNAL (for Vacuum Brake Booster)

INFO



Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016XG019X
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: REAR AXLE SHAFT: REASSEMBLY; 2016 MY Tacoma [08/2015 -]		

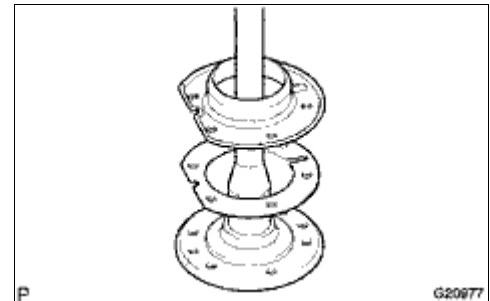
REASSEMBLY

1. INSTALL REAR AXLE HUB BOLT

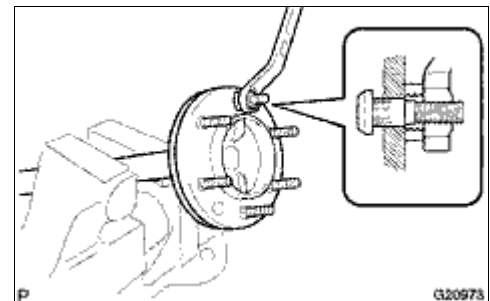
- (a) Install a new deflector gasket and deflector onto the rear axle shaft.

HINT:

Align the 2 notches.



- (b) Install the 6 bolts through the axle hub.



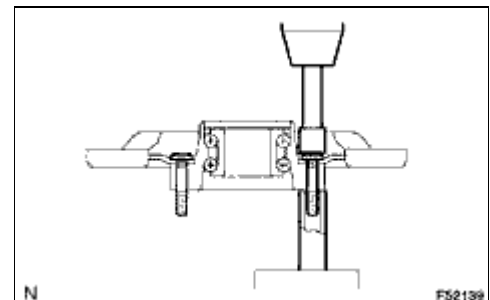
- (c) Install the washer plate, as shown in the illustration, through the hub bolt, and install the hub bolt by tightening the hub nut.

2. INSTALL REAR AXLE HUB AND BEARING ASSEMBLY

- (a) Position the backing plate on the rear axle bearing, and install the 4 parking brake plates onto the rear axle housing bolts using 2 socket wrenches and a press.

HINT:

The left and right side bearing assemblies have different part numbers and are not interchangeable side to side.



3. INSTALL REAR AXLE SHAFT WASHER

- (a) Install the rear axle shaft plate washer onto the rear axle shaft.

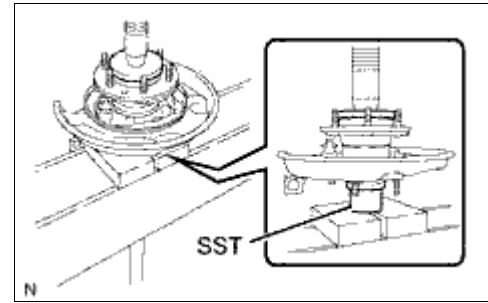
4. INSTALL REAR AXLE BEARING RETAINER INNER

- (a) Install a new rear axle bearing retainer inner onto the rear axle shaft.

5. INSTALL REAR AXLE SHAFT

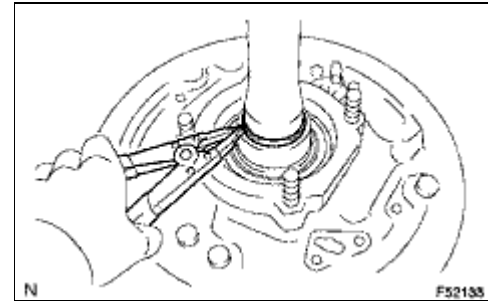
- (a) Using SST and a press, install the rear axle shaft onto the rear axle bearing.

SST: 09521-25011



6. INSTALL REAR AXLE SHAFT SNAP RING

- (a) Using a snap ring expander, install a new snap ring.



Last Modified: 11-13-2015	6.6 A	Doc ID: RM0000016XE01AX
Model Year Start: 2016	Model: Tacoma	Prod Date Range: [08/2015 -]
Title: AXLE: REAR AXLE SHAFT: REMOVAL; 2016 MY Tacoma [08/2015 -]		

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

2. REMOVE REAR WHEEL

3. DRAIN BRAKE FLUID

4. REMOVE REAR BRAKE DRUM SUB-ASSEMBLY [INFO](#)

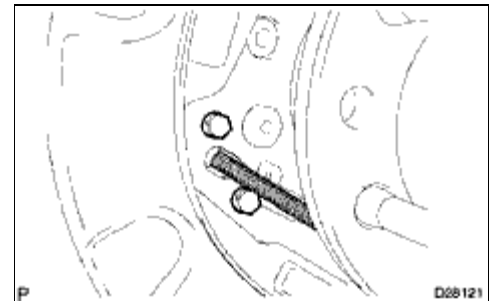
5. REMOVE FRONT BRAKE SHOE [INFO](#)

6. REMOVE REAR BRAKE SHOE [INFO](#)

7. REMOVE REAR SPEED SENSOR [INFO](#)

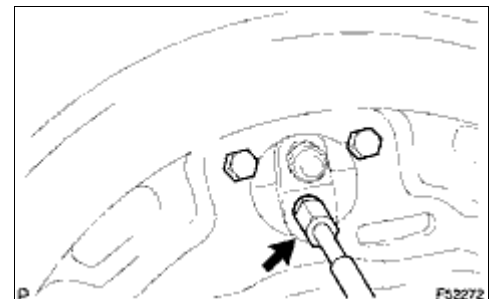
8. SEPARATE PARKING BRAKE CABLE ASSEMBLY NO. 3

- (a) Remove the 2 bolts and disconnect the parking brake cable from the backing plate.



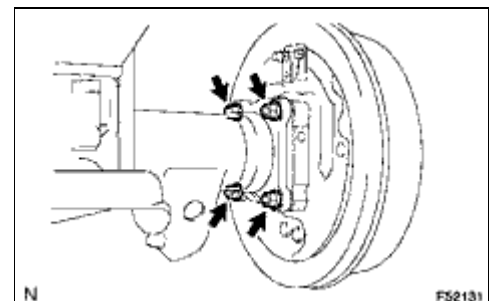
9. SEPARATE REAR BRAKE TUBE NO. 8

- (a) Using a union nut wrench, separate the brake tube, and use a container to catch the brake fluid as it flows out.



10. REMOVE REAR AXLE SHAFT WITH BACKING PLATE

- (a) Remove the 4 nuts and rear axle shaft with backing plate.
(b) Remove the O-ring.



11. REMOVE REAR AXLE SHAFT OIL SEAL

(a) Using SST, remove the oil seal.

SST: 09308-00010

