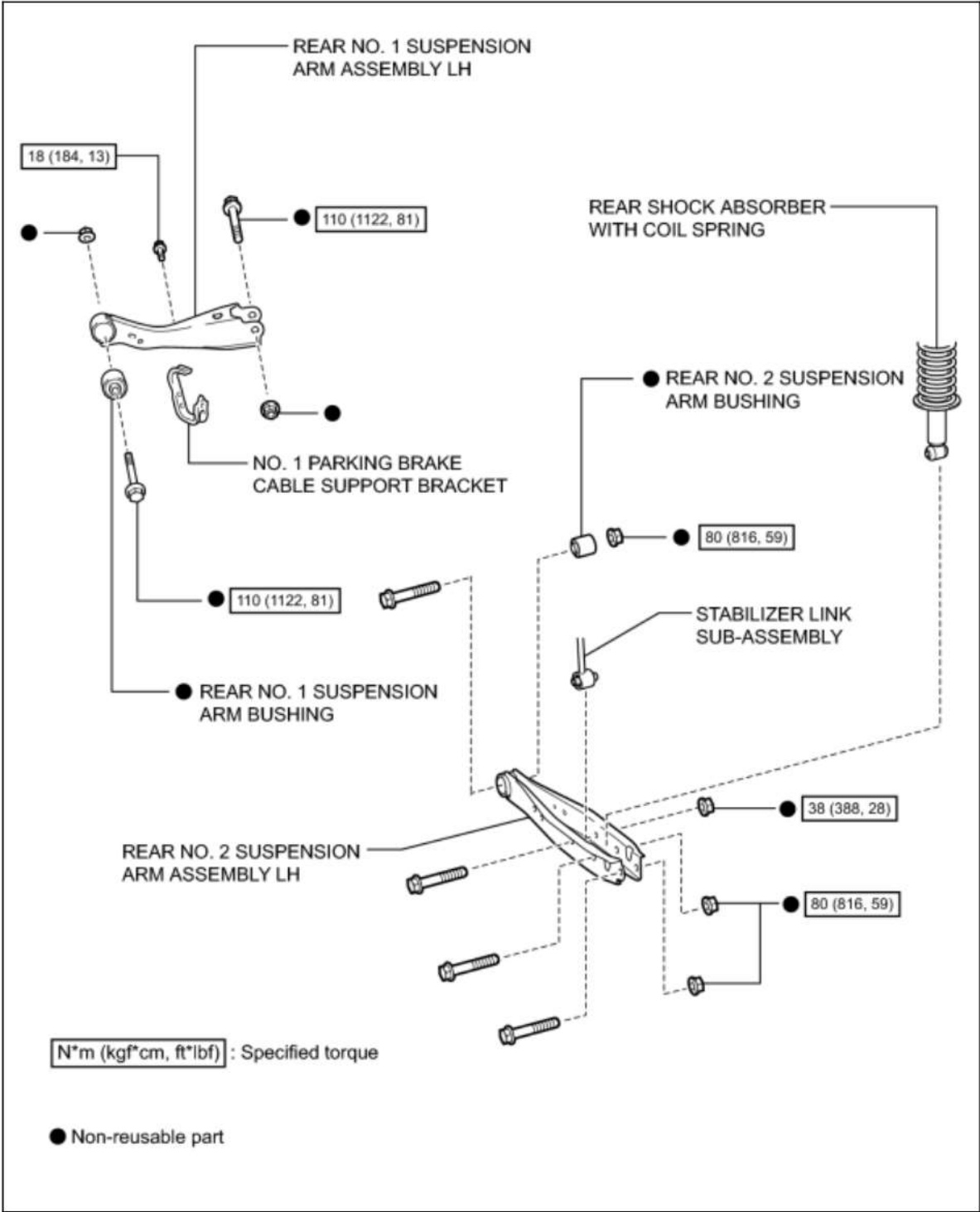


Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFT00EX
Title: REAR SUSPENSION: REAR LOWER ARM: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



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Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XF000X
Title: REAR SUSPENSION: REAR LOWER ARM: DISASSEMBLY (2013 FR-S)		

DISASSEMBLY

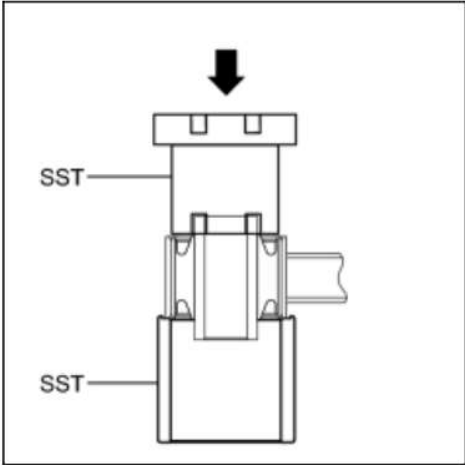
HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

1. REMOVE REAR NO. 1 SUSPENSION ARM BUSHING

- (a) Using SST, remove the rear No. 1 suspension arm bushing from the rear No. 1 suspension arm assembly LH.

SST: 09710-18030



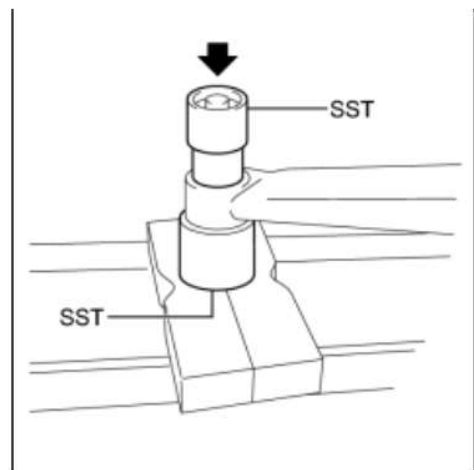
Text in Illustration

	Pressing direction
---	--------------------

2. REMOVE REAR NO. 2 SUSPENSION ARM BUSHING

- (a) Using SST, remove the rear No. 2 suspension arm bushing from the rear No. 2 suspension arm assembly LH.

SST: 09710-18020



Text in Illustration

	Pressing direction
---	--------------------

Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFS00EX
Title: REAR SUSPENSION: REAR LOWER ARM: INSTALLATION (2013 FR-S)		

INSTALLATION

HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

1. TEMPORARILY INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY LH

- (a) Temporarily install the rear No. 2 suspension arm assembly to the rear suspension member with the bolt and new nut.

NOTICE:

Insert the bolt from the front side of the vehicle.

- (b) Temporarily install the rear No. 2 suspension arm assembly to the axle carrier with the bolt and new nut.

NOTICE:

Insert the bolt from the front side of the vehicle.

2. TEMPORARILY INSTALL REAR SHOCK ABSORBER WITH COIL SPRING

- (a) Temporarily install the rear shock absorber with coil spring to the rear No. 2 suspension arm assembly LH with the bolt and new nut.

HINT:

The bolt may be inserted from either direction.

3. INSTALL STABILIZER LINK SUB-ASSEMBLY (for LH Side) INFO

4. TEMPORARILY INSTALL REAR NO. 1 SUSPENSION ARM ASSEMBLY LH

- (a) Temporarily install the rear No. 1 suspension arm assembly LH to the axle carrier with the new bolt and new nut.

NOTICE:

Insert the bolt from inside the vehicle.

- (b) Temporarily install the rear No. 1 suspension arm assembly LH to the rear suspension member with the new bolt and new nut.

NOTICE:

Insert the bolt from outside the vehicle.

5. STABILIZE SUSPENSION INFO

6. FULLY TIGHTEN REAR NO. 2 SUSPENSION ARM ASSEMBLY LH INFO

7. FULLY TIGHTEN REAR NO. 1 SUSPENSION ARM ASSEMBLY LH

- (a) Fully tighten the 2 bolt and 2 nut of the rear No. 1 suspension arm assembly LH.

Torque: 110 N·m (1122 kgf·cm, 81ft·lbf)

8. INSTALL NO. 1 PARKING BRAKE CABLE SUPPORT BRACKET

(a) Install the No. 1 parking brake cable support bracket with the bolt.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

9. INSTALL REAR WHEEL

Torque: 120 N·m (1224 kgf·cm, 89ft·lbf)

10. INSPECT AND ADJUST REAR WHEEL ALIGNMENT

INFO

11. VSC SENSOR NEUTRAL MEMORIZATION

INFO



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XG000X
Title: REAR SUSPENSION: REAR LOWER ARM: REASSEMBLY (2013 FR-S)		

REASSEMBLY

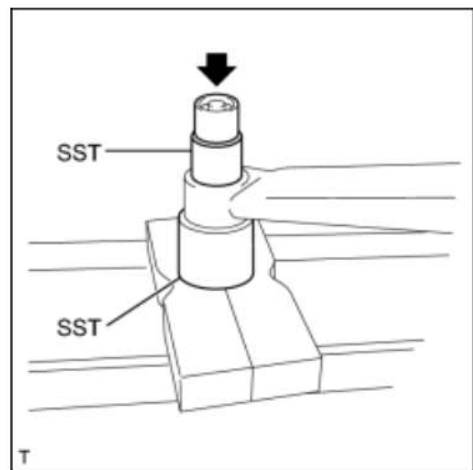
HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

1. INSTALL REAR NO. 2 SUSPENSION ARM BUSHING

- (a) Using SST and a press, install a new rear No. 2 suspension arm bushing to the rear No. 2 suspension arm assembly LH.

SST: 09710-18020



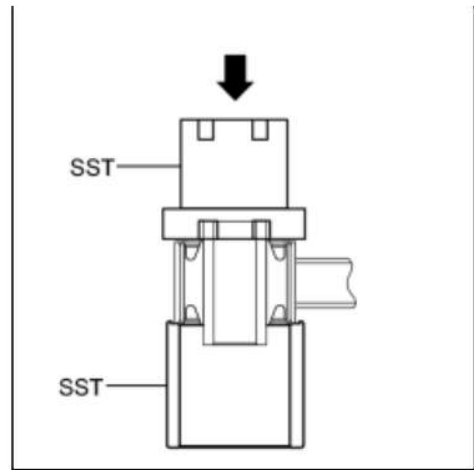
Text in Illustration

	Pressing direction
---	--------------------

2. INSTALL REAR NO. 1 SUSPENSION ARM BUSHING

- (a) Using SST and a press, install a new rear No. 1 suspension arm bushing to the rear No. 1 suspension arm assembly LH.

SST: 09710-18030



Text in Illustration

	Pressing direction
---	--------------------

Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFU00EX
Title: REAR SUSPENSION: REAR LOWER ARM: REMOVAL (2013 FR-S)		

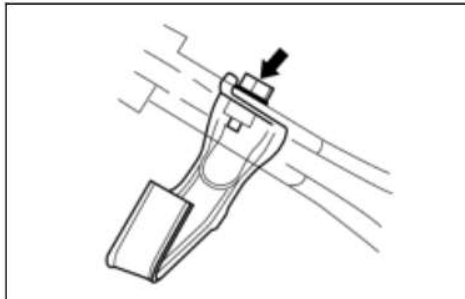
REMOVAL

HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

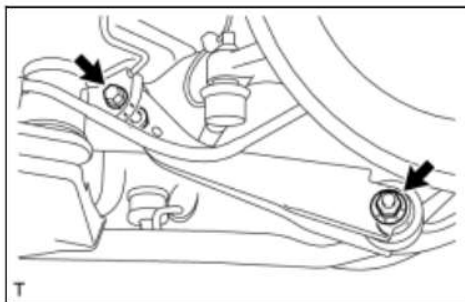
1. REMOVE REAR WHEEL

2. REMOVE NO. 1 PARKING BRAKE CABLE SUPPORT BRACKET



(a) Remove the bolt and No.1 parking brake cable support bracket.

3. REMOVE REAR NO. 1 SUSPENSION ARM ASSEMBLY LH

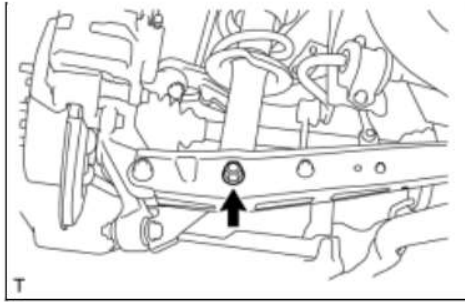


(a) Remove the 2 bolts, 2 nuts and the rear No. 1 suspension arm assembly LH.

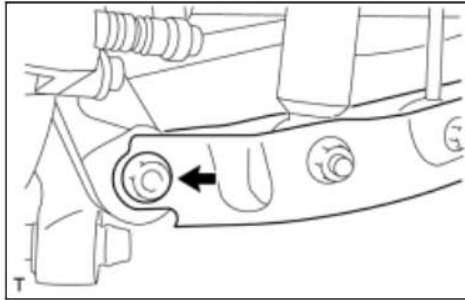
4. SEPARATE STABILIZER LINK SUB-ASSEMBLY (for LH Side) INFO

5. SEPARATE REAR SHOCK ABSORBER WITH COIL SPRING

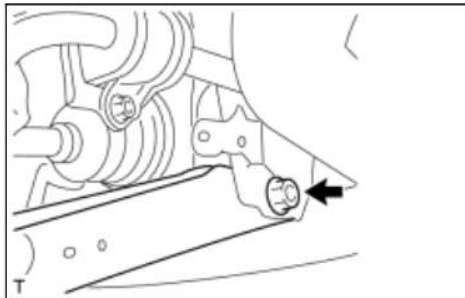
(a) Remove the bolt, nut and separate the rear shock absorber with coil spring from the rear No. 2 suspension arm assembly.



6. REMOVE REAR NO. 2 SUSPENSION ARM ASSEMBLY LH



- (a) Remove the nut and bolt on the axle carrier side, and then separate the rear No. 2 suspension arm assembly LH.



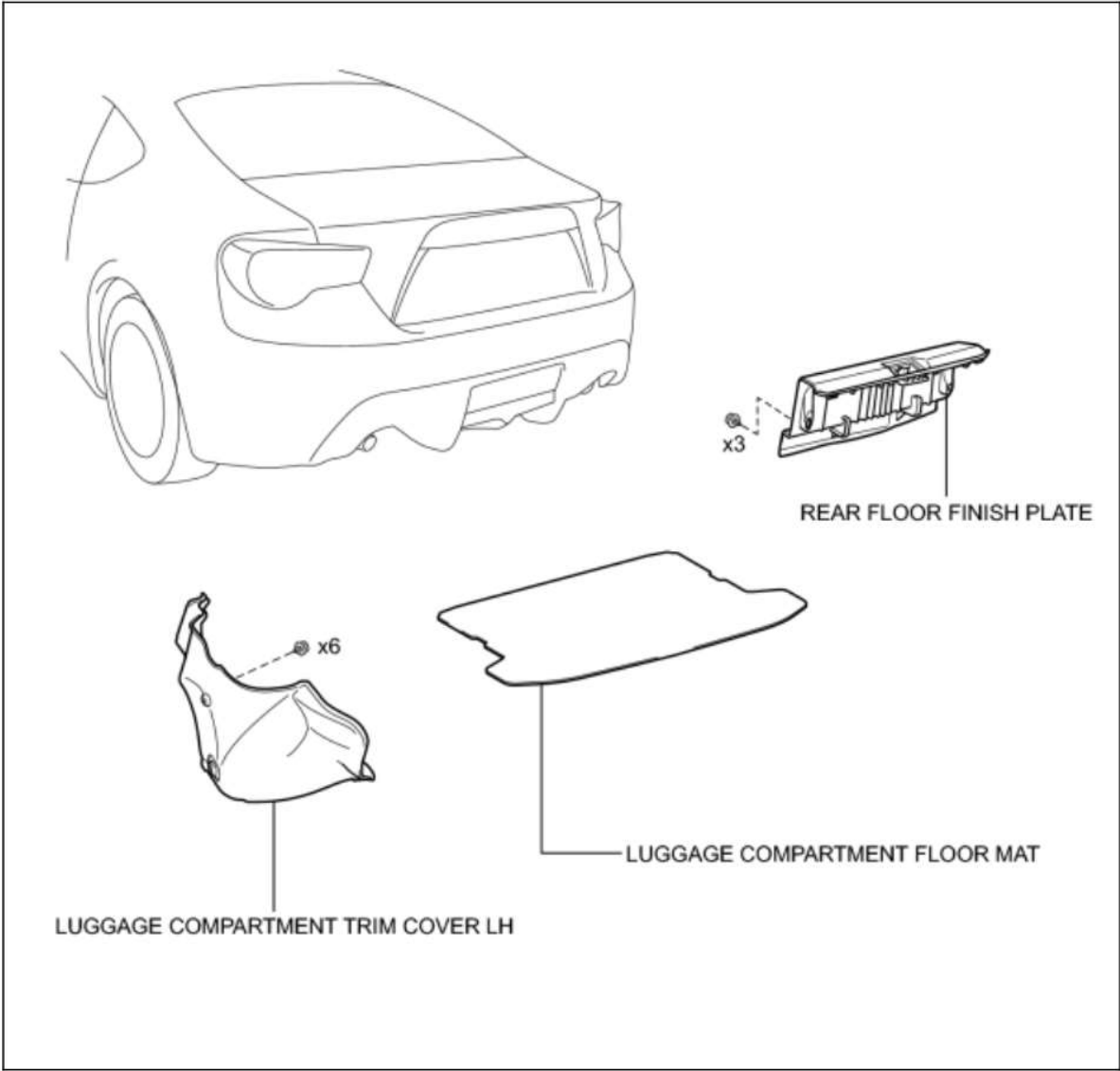
- (b) Remove the bolt and nut on the rear suspension member side, and then remove the rear No. 2 suspension arm assembly LH.



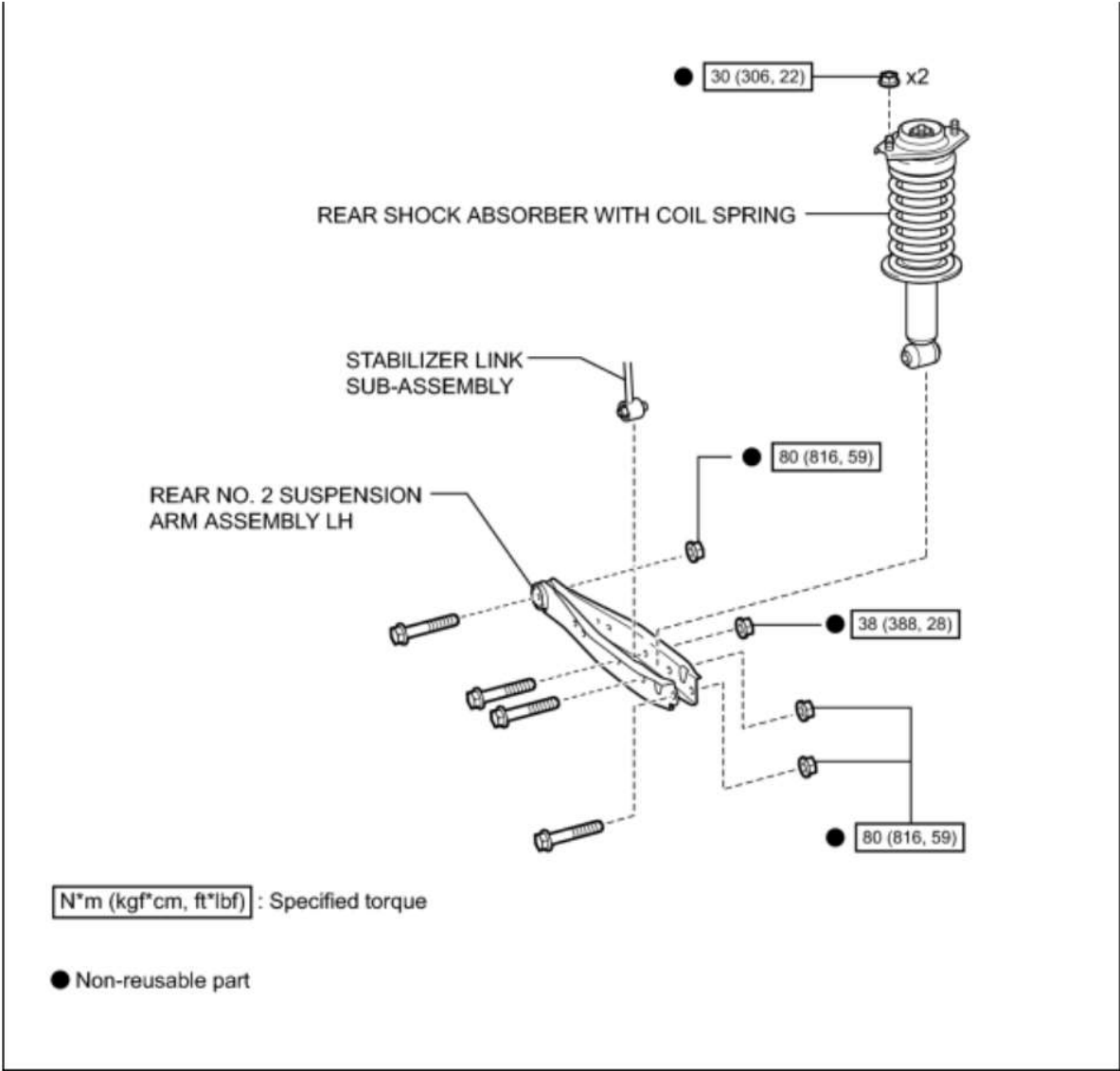
Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IG500DX
Title: REAR SUSPENSION: REAR SHOCK ABSORBER: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION

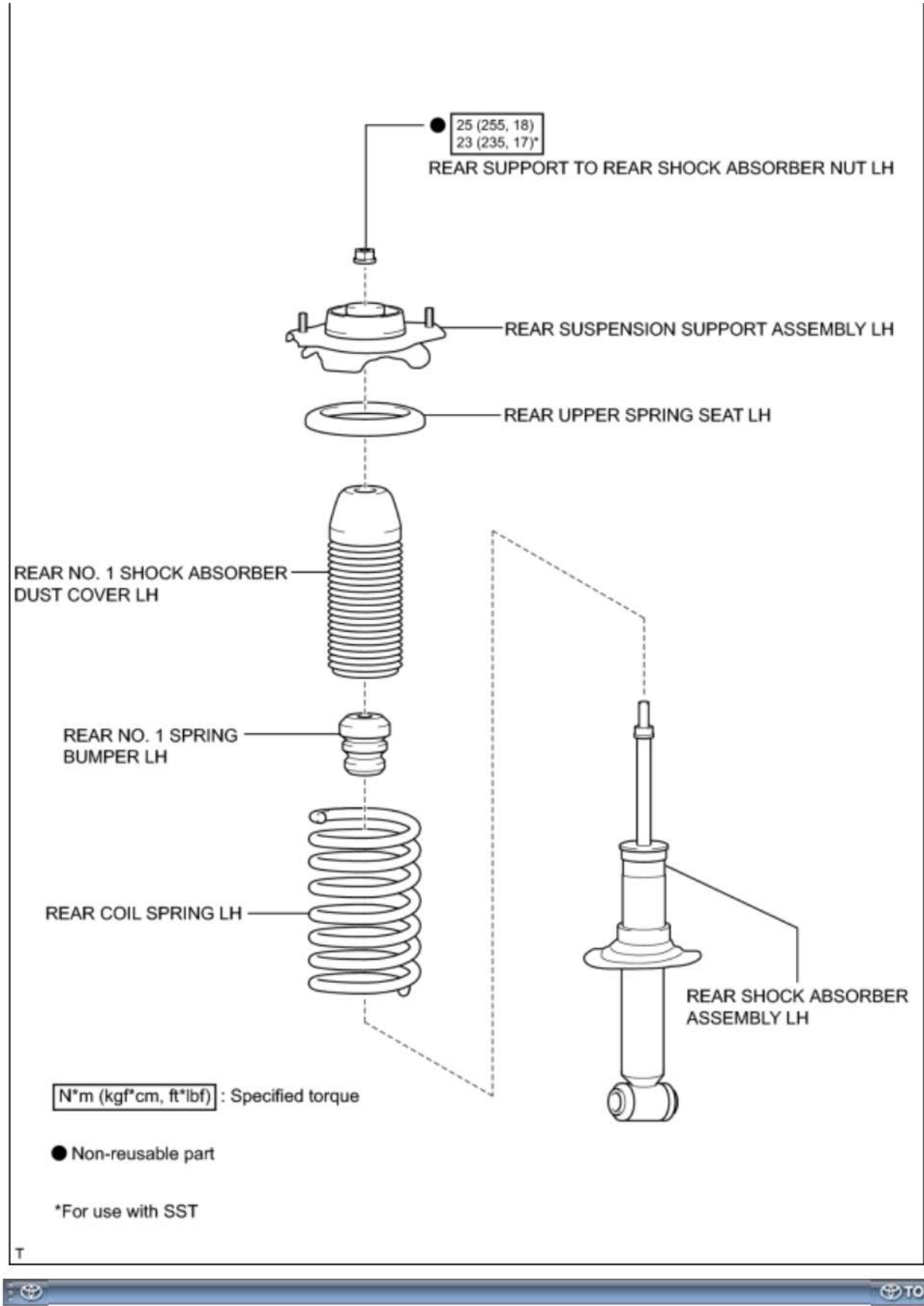


ILLUSTRATION



ILLUSTRATION

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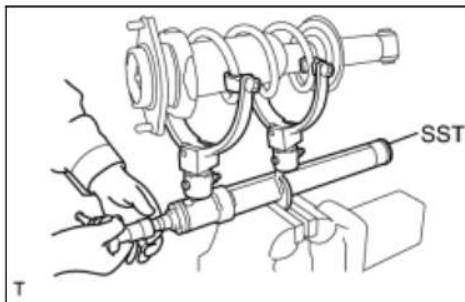
Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XC000X
Title: REAR SUSPENSION: REAR SHOCK ABSORBER: DISASSEMBLY (2013 FR-S)		

DISASSEMBLY

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE REAR SUPPORT TO REAR SHOCK ABSORBER NUT LH



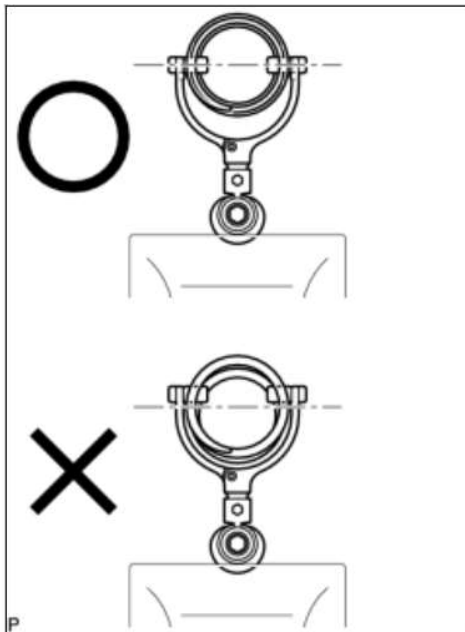
(a) Secure the SST in a vise.

SST: 09727-30021

09727-00010

09727-00021

09727-00031



(b) Set the arm hooks of SST on the middle line on the spring outer circumference.

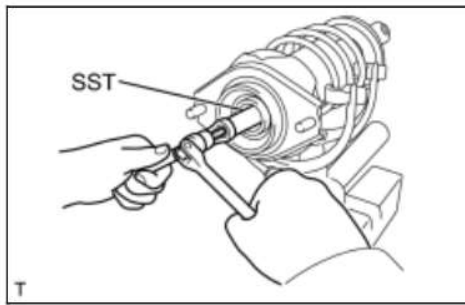
CAUTION:

- Install SST to the rear coil spring LH so that the distance between the upper and lower hooks is as wide as possible within the installation area.
- Check that the claws of the hooks are attached securely.

(c) Using SST, compress the rear coil spring LH.

CAUTION:

- During the work, if the rear coil spring LH is arched, immediately stop the work and reset SST.
- Do not compress the spring until each coil contacts each other.
- Do not use an impact wrench.



- (d) After the rear coil spring LH becomes free of load, install SST to the rear support to rear shock absorber nut LH. And then, using a long socket hexagon 5 mm, hold the piston rod of the rear shock absorber assembly and remove the rear support to rear shock absorber nut LH.

SST: 09729-18010

CAUTION:

When the rear coil spring LH is still applied with load, do not remove the rear support to rear shock absorber nut LH.

NOTICE:

- Be careful not to damage or deform the threads.
- Securely set the long socket hexagon 5 mm.

2. REMOVE REAR SUSPENSION SUPPORT ASSEMBLY LH

- (a) Remove the rear suspension support assembly LH from rear shock absorber assembly LH.

3. REMOVE REAR UPPER SPRING SEAT LH

- (a) Remove the rear upper spring seat LH from the rear suspension support assembly LH.

4. REMOVE REAR COIL SPRING LH

- (a) Remove the rear coil spring from the rear shock absorber assembly LH. Release the SST and remove the rear coil spring.

CAUTION:

Do not use an impact wrench. It will damage.

5. REMOVE REAR NO. 1 SHOCK ABSORBER DUST COVER LH

- (a) Remove the rear No. 1 shock absorber dust cover LH from the rear shock absorber assembly LH.

6. REMOVE REAR NO. 1 SPRING BUMPER LH

- (a) Remove the rear No. 1 spring bumper LH from the rear shock absorber assembly LH.

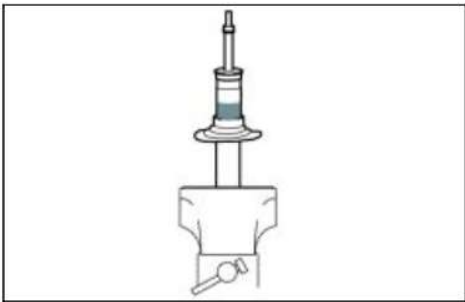


Last Modified: 3-27-2012	6.4 N	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IG300DX
Title: REAR SUSPENSION: REAR SHOCK ABSORBER: DISPOSAL (2013 FR-S)		

DISPOSAL

1. DISPOSE OF REAR SHOCK ABSORBER ASSEMBLY LH

- (a) Hold the rear shock absorber assembly LH perpendicularly.
- (b) Push down the piston rod about 60 mm (2.362 in.) by hand.
- (c) Using a metal saw or the like, slowly cut a hole in the location shown in the illustration and let the gas out.



Text in Illustration

	Area to cut a hole
---	--------------------

NOTICE:

- Wear protective glasses.
- Since the discharging gas may cause chips to scatter, cover the metal saw with a piece of cloth when making the hole.

HINT:

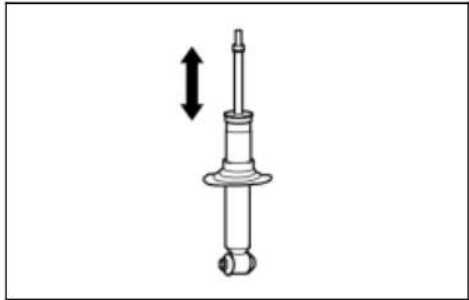
The gas is colorless, odorless and harmless.



Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XB000X
Title: REAR SUSPENSION: REAR SHOCK ABSORBER: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT REAR SHOCK ABSORBER ASSEMBLY LH



- (a) Check of the rear shock absorber assembly LH
- (1) Compress and extend the shock absorber rod and check the conditions.

Standard:
Compress and extend the shock absorber rod at a constant speed, and check that the operating load is even at all strokes and that there is no abnormal resistance or abnormal sound during the operation.



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IG400DX
Title: REAR SUSPENSION: REAR SHOCK ABSORBER: INSTALLATION (2013 FR-S)		

INSTALLATION

HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

1. INSTALL REAR SHOCK ABSORBER WITH COIL SPRING

- Mount the rear shock absorber with coil spring on the vehicle.
- Install rear shock absorber with coil spring with the 2 new nuts.

Torque: 30 N·m (306 kgf·cm, 22ft·lbf)

2. TEMPORARILY INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY LH

- Replace the mounting nuts of the rear No. 2 suspension arm assembly LH and rear suspension member sub-assembly with new nut and then temporarily tighten them.
- Temporarily install the rear No. 2 suspension arm assembly LH to the rear axle carrier sub-assembly LH with the bolt and new nut.

NOTICE:

Insert the bolt from the front of the vehicle.

- Temporarily install the rear shock absorber with coil spring with the bolt and new nut.

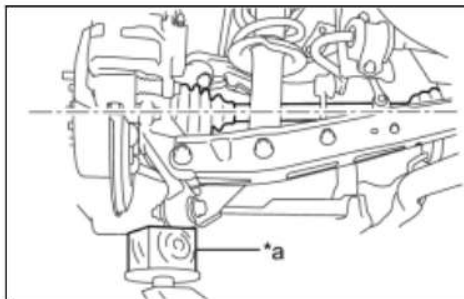
HINT:

The bolt may be inserted from either direction.

3. TEMPORARILY INSTALL STABILIZER LINK SUB-ASSEMBLY (for LH Side)

- Temporarily install the rear stabilizer link sub-assembly to the rear No. 2 suspension arm assembly LH with the bolt and new nut.

4. STABILIZE SUSPENSION



- Jack up the axle carrier, with a wooden block placed between the jack and axle carrier, to apply load to the suspension so that the rear drive shaft assembly becomes level.

Text in Illustration

*a	Wooden Block
----	--------------

5. FULLY TIGHTEN REAR NO. 2 SUSPENSION ARM ASSEMBLY LH

- Fully tighten the nut on the rear axle carrier sub-assembly LH side.

Torque: 80 N·m (816 kgf·cm, 59ft·lbf)

- (b) Fully tighten the nut holding the rear shock absorber.

Torque: 80 N·m (816 kgf·cm, 59ft·lbf)

- (c) Fully tighten the nut on the rear suspension member sub-assembly side.

Torque: 80 N·m (816 kgf·cm, 59ft·lbf)

6. FULLY TIGHTEN STABILIZER LINK SUB-ASSEMBLY

- (a) Fully tighten the nut rear stabilizer link sub-assembly side.

Torque: 38 N·m (388 kgf·cm, 28ft·lbf)

7. INSTALL REAR WHEEL

Torque: 120 N·m (1224 kgf·cm, 89ft·lbf)

8. INSTALL LUGGAGE COMPARTMENT TRIM COVER LH INFO

9. INSTALL REAR FLOOR FINISH PLATE INFO

10. INSTALL LUGGAGE COMPARTMENT FLOOR MAT

11. INSPECT AND ADJUST REAR WHEEL ALIGNMENT

INFO

12. VSC SENSOR NEUTRAL MEMORIZATION

INFO



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XD000X
Title: REAR SUSPENSION: REAR SHOCK ABSORBER: REASSEMBLY (2013 FR-S)		

REASSEMBLY

HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

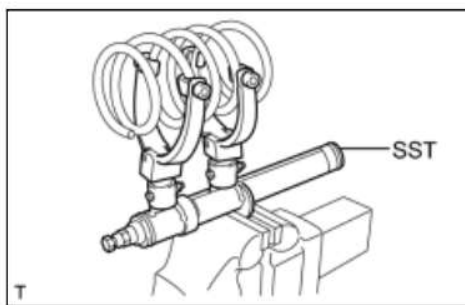
1. INSTALL REAR NO. 1 SPRING BUMPER LH

- (a) Install the rear No. 1 spring bumper LH to the rear shock absorber assembly LH.

2. INSTALL REAR NO. 1 SHOCK ABSORBER DUST COVER LH

- (a) Install the rear No. 1 shock absorber dust cover LH to the rear shock absorber assembly LH.

3. INSTALL REAR COIL SPRING LH



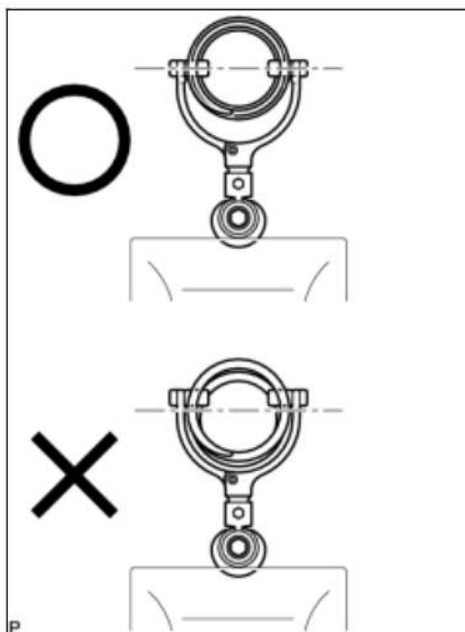
- (a) Secure the SST in a vise.

SST: 09727-30021

09727-00010

09727-00021

09727-00031



- (b) Set the arm hooks of SST on the middle line on the spring outer circumference.

CAUTION:

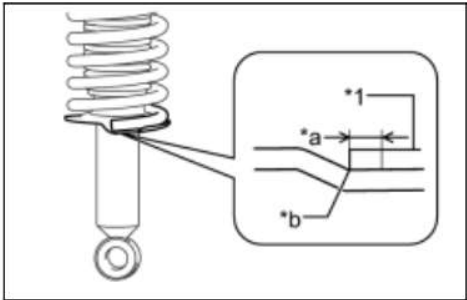
- Install SST to the rear coil spring LH so that the distance between the upper and lower hooks is as wide as possible within the installation area.
- Check that the claws of the hooks are attached securely.

(c) Using SST, compress the rear coil spring LH.

CAUTION:

- During the work, if the rear coil spring LH is arched, immediately stop the work and reset SST.
- Do not compress the spring until each coil contacts each other.
- Do not use an impact wrench.

(d) Install the rear coil spring LH with the lower end of the coil spring and the stopper of the spring seat fit.



HINT:

Fit the lower end of the rear coil spring LH into the gap of the absorber lower seat.

Text in Illustration

*1	Rear Coil Spring LH
*a	0 to 10 mm (0 to 0.394 in.)
*b	Stopper of spring seat

4. INSTALL REAR UPPER SPRING SEAT LH

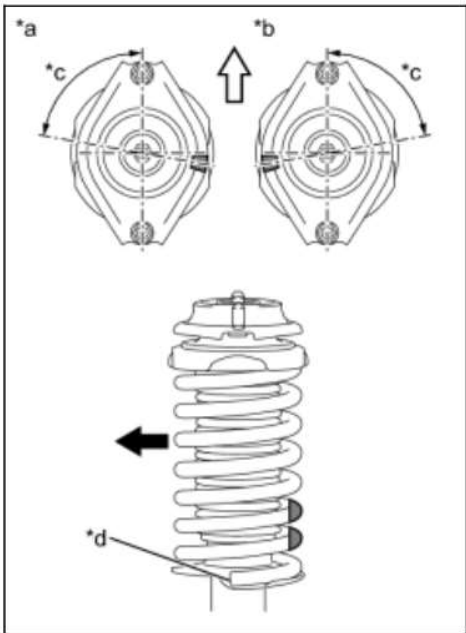
(a) Install the rear upper spring seat LH to the rear coil spring LH.

5. INSTALL REAR SUSPENSION SUPPORT ASSEMBLY LH

(a) Install the rear suspension support assembly LH to the rear shock absorber assembly LH.

6. INSTALL REAR SUPPORT TO REAR SHOCK ABSORBER NUT LH

(a) Temporarily tighten a new rear support to rear shock absorber nut LH to the rear shock absorber assembly LH.



Text in Illustration

*a	for LH side
*b	for RH side
*c	75 to 85°
*d	Lower End
	Outside of the Vehicle
	Front of the Vehicle

(b) Adjust the rear suspension support assembly LH to the installation position of the shock absorber so that the studs are positioned as shown in the illustration.

NOTICE:

Make sure that the left coil spring end faces toward the front of the vehicle and the right spring end faces toward the rear.

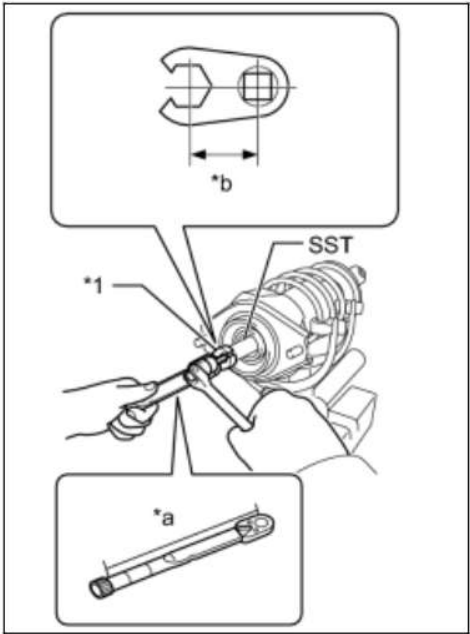
(c) Release SST and remove it from the rear coil spring LH.

CAUTION:

Do not use an impact wrench

NOTICE:

Remove SST after confirming the position of the suspension support assembly.



(d) Install SST to the rear support to rear shock absorber nut LH. And then, using a long socket hexagon 5 mm, hold the piston rod of the rear shock absorber assembly LH, and tighten the rear support to rear shock absorber nut LH using a union nut wrench 14 mm.

Text in Illustration

*1	Union nut wrench 14 mm
*a	Fulcrum length
*b	25 mm (0.984 in.)

SST: 09729-18010
without SST - Torque: 25 N·m (255 kgf·cm, 18ft·lbf)
with SST - Torque: 23 N·m (235 kgf·cm, 17ft·lbf)

NOTICE:

- Use a torque wrench with a fulcrum length of 300 mm (11.81 in.)
- Be careful not to damage or deform the threads.
- Securely set the long socket hexagon 5 mm.

Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IG600DX
Title: REAR SUSPENSION: REAR SHOCK ABSORBER: REMOVAL (2013 FR-S)		

REMOVAL

HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

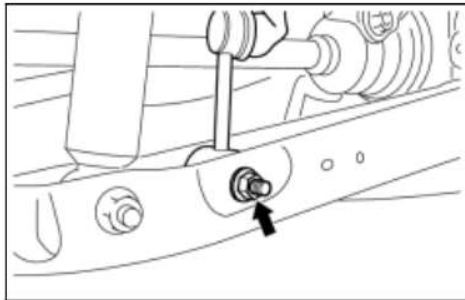
1. REMOVE LUGGAGE COMPARTMENT FLOOR MAT

2. REMOVE REAR FLOOR FINISH PLATE [INFO](#)

3. REMOVE LUGGAGE COMPARTMENT TRIM COVER INNER LH [INFO](#)

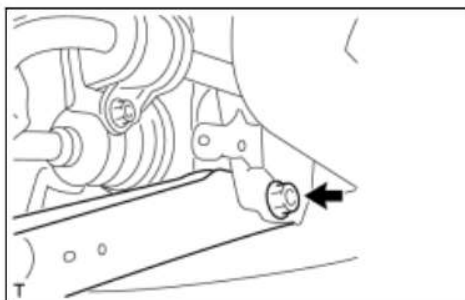
4. REMOVE REAR WHEEL

5. SEPARATE STABILIZER LINK SUB-ASSEMBLY (for LH Side)



- (a) Remove the bolt, nut and separate the rear stabilizer link sub-assembly from the rear No. 2 suspension arm assembly LH.

6. SEPARATE REAR NO. 2 SUSPENSION ARM ASSEMBLY LH

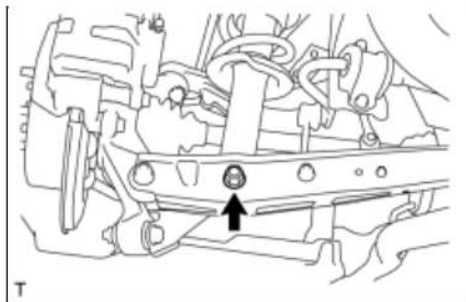


- (a) Loosen the nut on the rear suspension member side.

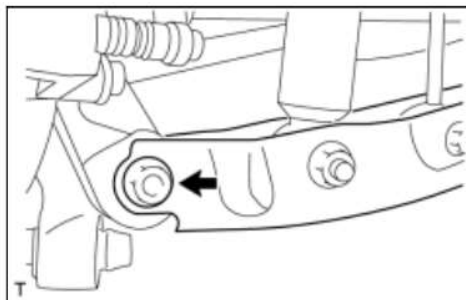
NOTICE:

Do not remove the nut.

- (b) Remove the bolt, nut and separate the rear shock absorber with coil spring from the rear No. 2 suspension

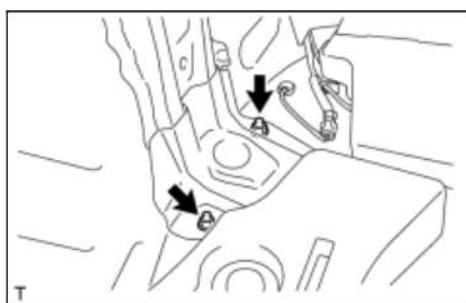


arm assembly LH.



- (c) Remove the bolt, nut and separate the rear axle carrier sub-assembly LH from the rear No. 2 suspension arm assembly LH.

7. REMOVE REAR SHOCK ABSORBER WITH COIL SPRING



- (a) Remove the 2 nuts and rear shock absorber with coil spring.

NOTICE:

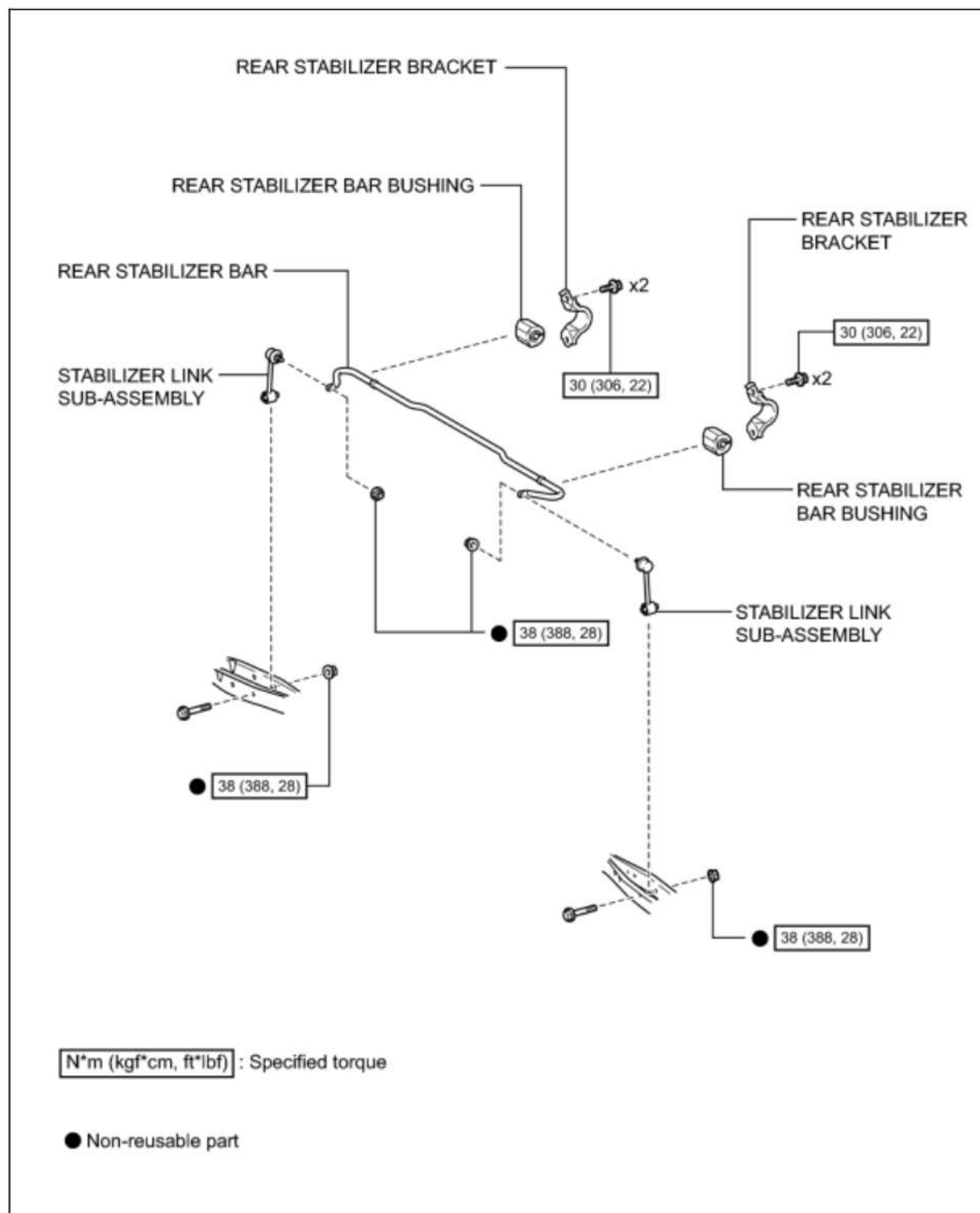
Hold the rear shock absorber with coil spring to prevent it from falling accidentally.



Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFZ00FX
Title: REAR SUSPENSION: REAR STABILIZER BAR: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



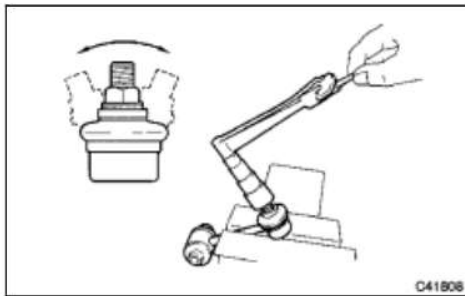
Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XJ000X
Title: REAR SUSPENSION: REAR STABILIZER BAR: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT STABILIZER LINK SUB-ASSEMBLY

(a) Inspect the state of rotation of the ball joint.

(1) Temporarily install the attaching nut to the stud of the rear stabilizer link assembly.



(2) Turn the stud back and forth.

Standard:

There is no unusual resistance or play.

(3) If there is unusual resistance or play, replace the rear stabilizer link assembly with a new one.

(b) Inspect the dust cover.

(1) Check that the dust cover is not cracked and that there is no grease on it.

(2) If the dust cover is fissured or grease is leaked, replace the rear stabilizer link assembly with a new one.

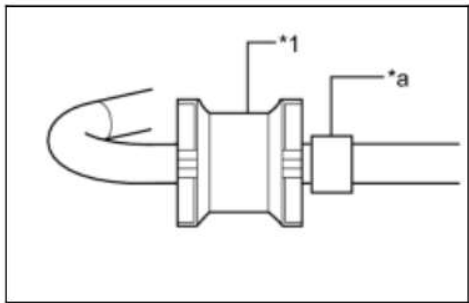


TOYOTA

Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFY00FX
Title: REAR SUSPENSION: REAR STABILIZER BAR: INSTALLATION (2013 FR-S)		

INSTALLATION

1. INSTALL REAR STABILIZER BAR BUSHING (for LH Side)



(a) Install the rear stabilizer bar bushing to the outside of the stopper ring on the rear stabilizer bar as shown in the illustration.

Text in Illustration

*1	Rear Stabilizer Bar Bushing
*a	Stopper Ring

2. INSTALL REAR STABILIZER BAR BUSHING (for RH Side)

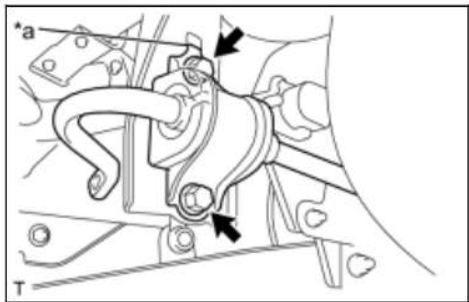
HINT:

Use the same procedure described for the LH side.

3. INSTALL REAR STABILIZER BAR

(a) Install the rear stabilizer bar to the rear suspension member.

4. INSTALL REAR STABILIZER BRACKET (for LH Side)



(a) Install the rear stabilizer bracket with the 2 bolts.

Text in Illustration

*a	Crow
----	------

Torque: 30 N·m (306 kgf·cm, 22ft·lbf)

NOTICE:

Install the rear stabilizer bracket with its claw facing upper.

5. INSTALL REAR STABILIZER BRACKET (for RH Side)

HINT:

Use the same procedure described for the LH side.

6. INSTALL STABILIZER LINK SUB-ASSEMBLY (for LH Side)

- (a) Install the rear stabilizer link sub-assembly to the rear stabilizer bar
- (b) Using a socket hexagon 5 mm, hold the stud bolt and tighten the nut.

Torque: 38 N·m (388 kgf·cm, 28ft·lbf)

- (c) Temporarily install the rear stabilizer link sub-assembly to the rear No. 2 suspension arm assembly LH with the bolt and a new nut.

7. INSTALL STABILIZER LINK SUB-ASSEMBLY (for RH Side)

HINT:

Use the same procedure described for the LH side.

8. INSTALL REAR WHEELS

Torque: 120 N·m (1224 kgf·cm, 89ft·lbf)

9. STABILIZE SUSPENSION

10. FULLY TIGHTEN STABILIZER LINK SUB-ASSEMBLY (for LH Side)

- (a) Install the rear stabilizer link sub-assembly to the rear No. 2 suspension arm assembly LH with the bolt and nut.

Torque: 38 N·m (388 kgf·cm, 28ft·lbf)

11. FULLY TIGHTEN STABILIZER LINK SUB-ASSEMBLY (for RH Side)

HINT:

Use the same procedure described for the LH side.

12. INSPECT AND ADJUST REAR WHEEL ALIGNMENT

INFO

13. VSC SENSOR NEUTRAL MEMORIZATION

INFO

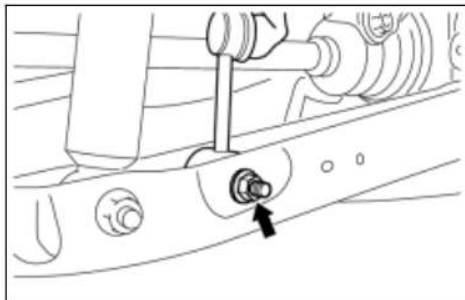


Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IG000FX
Title: REAR SUSPENSION: REAR STABILIZER BAR: REMOVAL (2013 FR-S)		

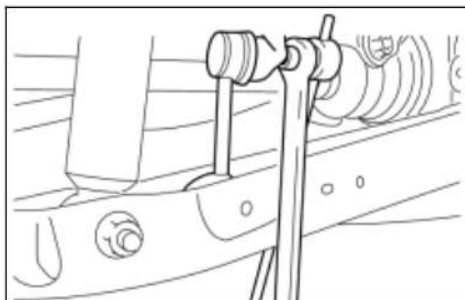
REMOVAL

1. REMOVE REAR WHEELS

2. REMOVE STABILIZER LINK SUB-ASSEMBLY (for LH Side)



- (a) Remove the bolt, nut and separate the stabilizer link sub-assembly from the rear No. 2 suspension arm assembly LH.



- (b) Using a socket hexagon 5 mm, hold the stud bolt and remove the nut and stabilizer link sub-assembly from the rear stabilizer bar.

HINT:

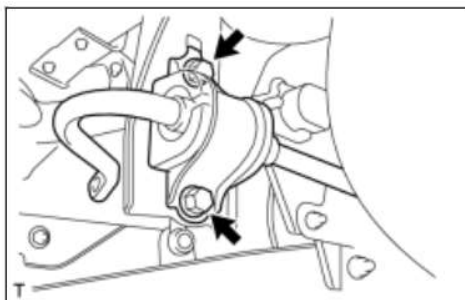
Using a socket hexagon wrench 5 mm to hold the stud.

3. REMOVE STABILIZER LINK SUB-ASSEMBLY (for RH Side)

HINT:

Use the same procedure described for the LH side.

4. REMOVE REAR STABILIZER BRACKET (for LH Side)



- (a) Remove the 2 bolts and rear stabilizer bracket.

5. REMOVE REAR STABILIZER BRACKET (for RH Side)**HINT:**

Use the same procedure described for the LH side.

6. REMOVE REAR STABILIZER BAR

- (a) Remove the 2 rear stabilizer bushings and the rear stabilizer bar.

7. REMOVE REAR STABILIZER BAR BUSHING (for LH Side)

- (a) Remove the rear stabilizer bar bushing from the rear stabilizer bar.

8. REMOVE REAR STABILIZER BAR BUSHING (for RH Side)**HINT:**

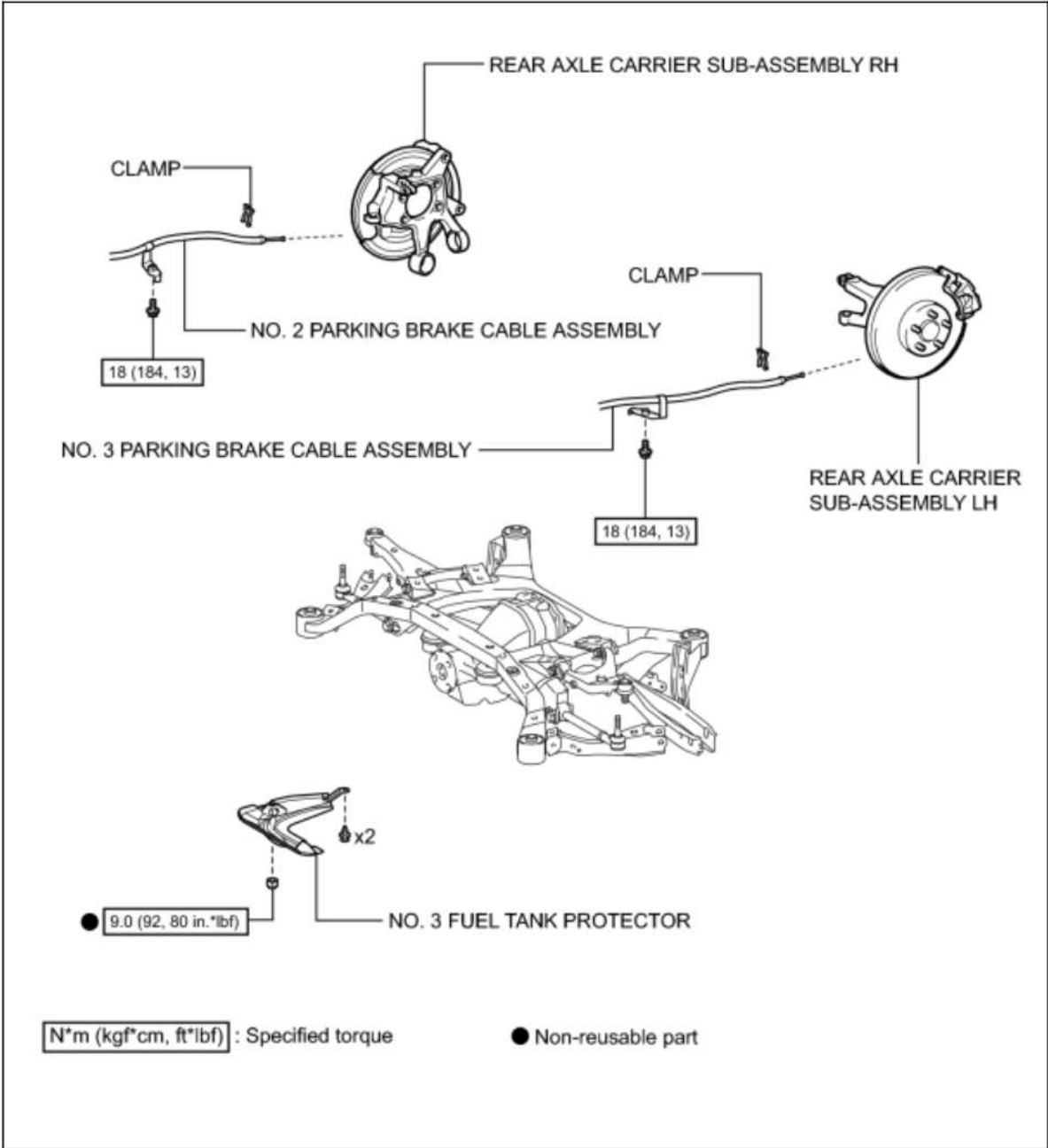
Use the same procedure described for the LH side.



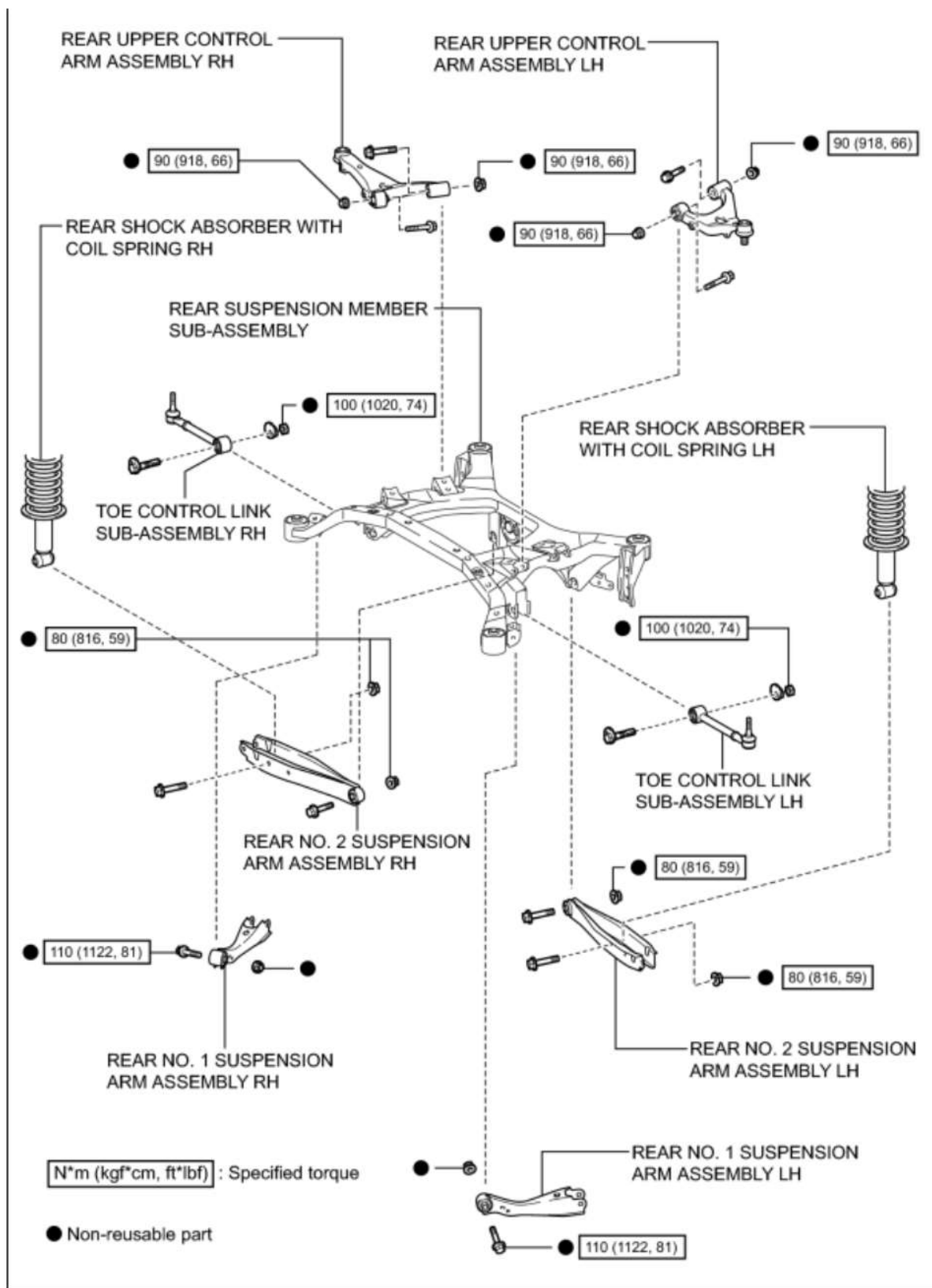
Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFQ00DX
Title: REAR SUSPENSION: REAR SUSPENSION MEMBER: COMPONENTS (2013 FR-S)		

COMPONENTS

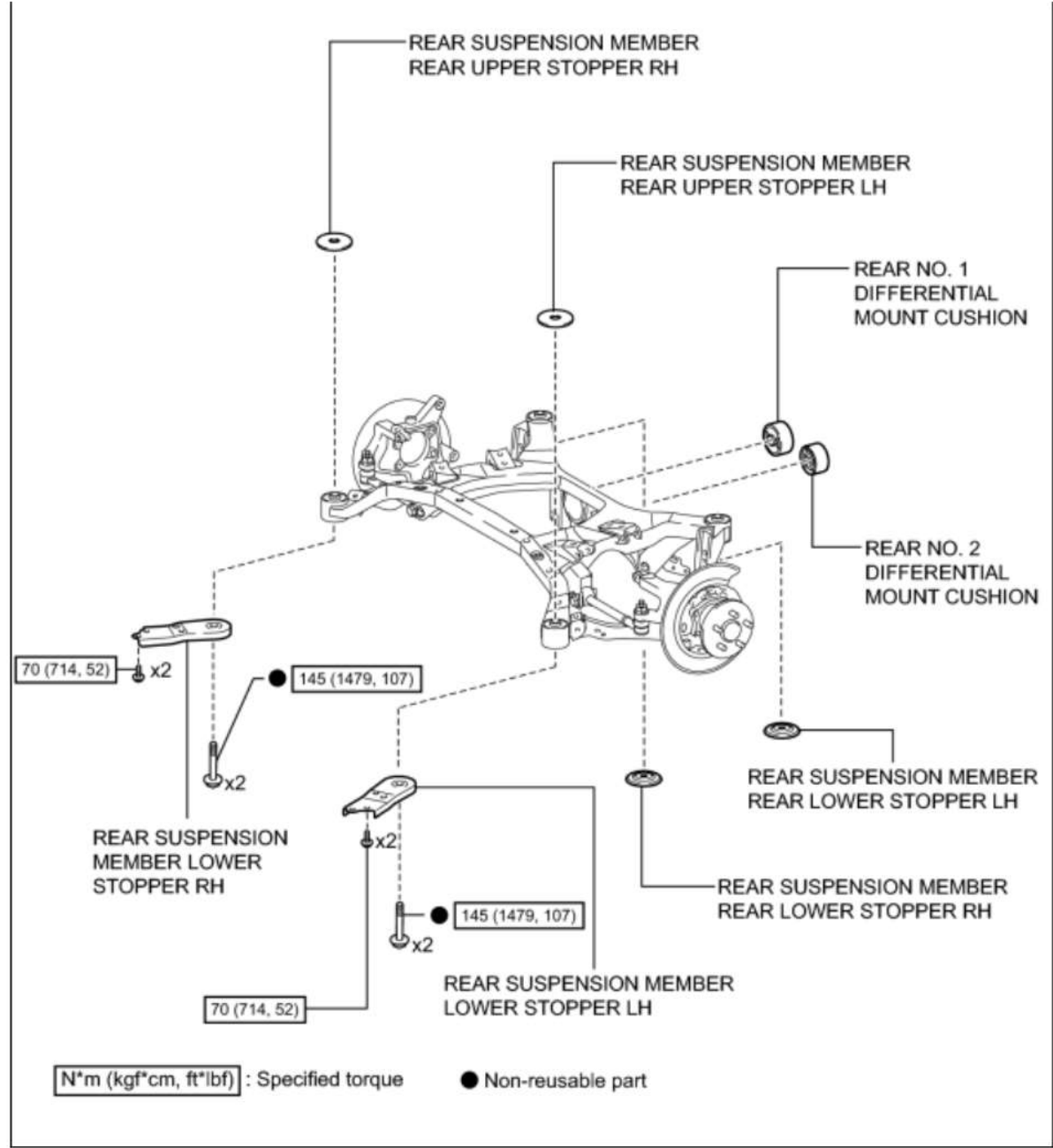
ILLUSTRATION



ILLUSTRATION



ILLUSTRATION



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Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFP00JX
Title: REAR SUSPENSION: REAR SUSPENSION MEMBER: INSTALLATION (2013 FR-S)		

INSTALLATION

1. INSTALL REAR NO. 1 DIFFERENTIAL MOUNT CUSHION

[INFO](#)

2. INSTALL REAR NO. 2 DIFFERENTIAL MOUNT CUSHION

[INFO](#)

3. TEMPORARILY INSTALL REAR UPPER CONTROL ARM ASSEMBLY LH

[INFO](#)

4. TEMPORARILY INSTALL REAR UPPER CONTROL ARM ASSEMBLY RH

HINT:

Use the same procedure described for the LH side.

5. INSTALL REAR SUSPENSION MEMBER SUB-ASSEMBLY

- (a) Support the rear suspension member sub-assembly with an engine lifter using 4 attachments or equivalent tools.

NOTICE:

- Make sure to secure the rear suspension member sub-assembly to prevent it from dropping.
- Use the attachments to keep the rear suspension member sub-assembly level.

- (b) Raise the rear suspension member sub-assembly until there is no clearance between the rear suspension member sub-assembly and the vehicle body.

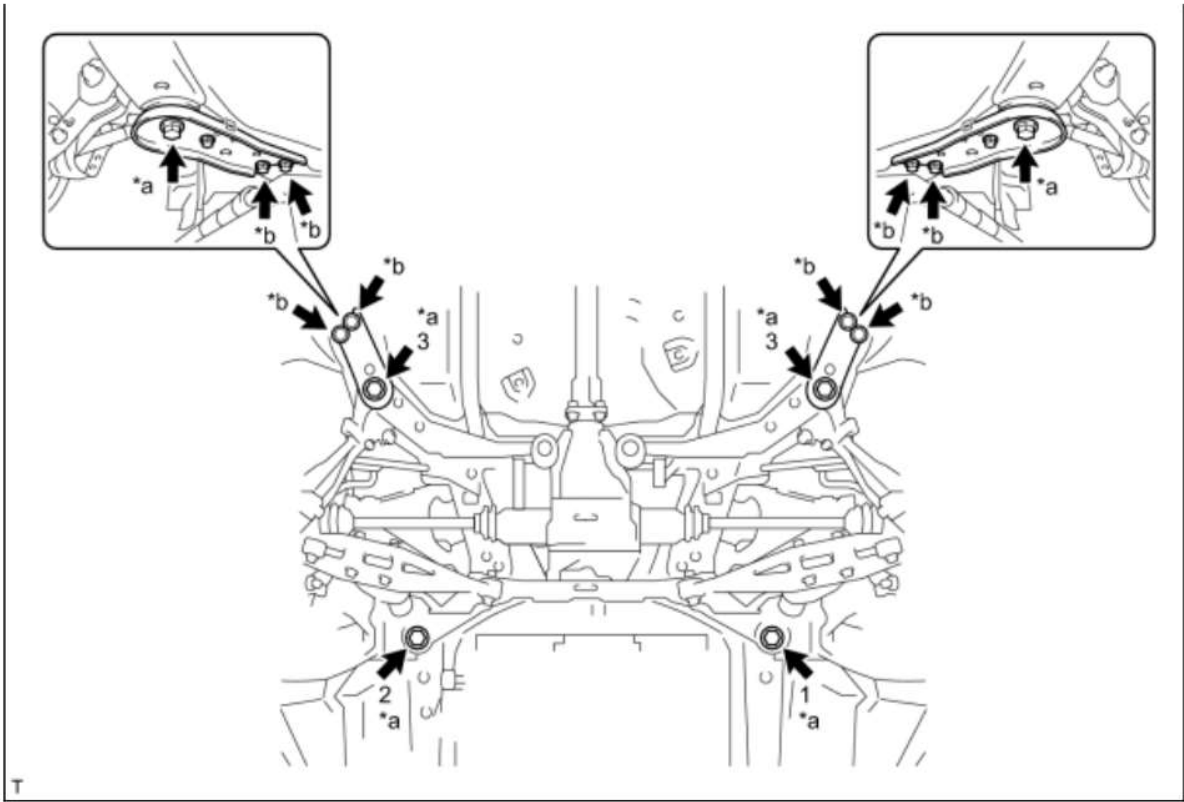
NOTICE:

When raising the rear suspension member sub-assembly, be careful not to damage the vehicle body or other components installed on the vehicle.

- (c) While supporting the rear suspension member sub-assembly with a high transmission jack, using the 4 bolts B and 4 new bolts A, install the suspension member sub-assembly, front support rear LH, front support rear RH, rear support upper and rear support lower all together.

NOTICE:

After temporarily tightening the bolts A in the order shown in the illustration, tighten them securely.



Text in Illustration

*a	Bolt A (New bolt)	*b	Bolt B
----	-------------------	----	--------

Torque: 145 N·m (1479 kgf·cm, 107ft·lbf)(Bolt A)
Torque: 70 N·m (714 kgf·cm, 52ft·lbf)(Bolt B)

6. TEMPORARILY INSTALL TOE CONTROL LINK SUB-ASSEMBLY LH

- (a) Install the toe control link sub-assembly LH and insert the toe adjust cam from the front of the vehicle. Then, install the No. 2 toe adjust plate and temporarily install a new nut.

NOTICE:
Align the matchmarks on the rear suspension member and rear No. 2 suspension toe adjust plate.

7. TEMPORARILY INSTALL TOE CONTROL LINK SUB-ASSEMBLY RH

HINT:
Use the same procedure described for the LH side.

8. TEMPORARILY INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY LH

- (a) Temporarily install the rear No. 2 suspension arm assembly LH to the rear suspension member with the bolt and a new nut.

NOTICE:
Insert the bolt from inside the vehicle.

9. TEMPORARILY INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY RH

HINT:
Use the same procedure described for the LH side.

10. TEMPORARILY INSTALL REAR SHOCK ABSORBER WITH COIL SPRING LH

- (a) Temporarily install the rear shock absorber assembly to the rear No. 2 suspension arm with the bolt and a new nut.

HINT:

The bolt may be inserted from either direction.

11. TEMPORARILY INSTALL REAR SHOCK ABSORBER WITH COIL SPRING RH**HINT:**

Use the same procedure described for the LH side.

12. TEMPORARILY INSTALL REAR NO. 1 SUSPENSION ARM ASSEMBLY LH

- (a) Temporarily install the rear No. 1 suspension arm assembly LH to the rear suspension member with the new bolt and new nut.

NOTICE:

Insert the bolt from outside the vehicle.

13. TEMPORARILY INSTALL REAR NO. 1 SUSPENSION ARM ASSEMBLY RH**HINT:**

Use the same procedure described for the LH side.

14. INSTALL REAR STABILIZER BAR**INFO****15. TEMPORARILY TIGHTEN STABILIZER LINK SUB-ASSEMBLY (for LH Side)****INFO****16. TEMPORARILY TIGHTEN STABILIZER LINK SUB-ASSEMBLY (for RH Side)****HINT:**

Use the same procedure described for the LH side.

17. INSTALL PARKING BRAKE CABLE SUPPORT BRACKET (for LH Side)

- (a) Install the parking brake cable support bracket with the bolt.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

18. INSTALL PARKING BRAKE CABLE SUPPORT BRACKET (for RH Side)**HINT:**

Use the same procedure described for the LH side.

19. INSTALL NO. 3 FUEL TANK PROTECTOR**INFO****20. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY**

- (a) Install the No. 3 parking brake cable assembly to the axle carrier with the clamp.
(b) Install the No. 3 parking brake cable assembly to the rear suspension member lower stopper LH with the bolt.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

21. INSTALL NO. 2 PARKING BRAKE CABLE ASSEMBLY

HINT:

Use the same procedure described for the LH side.

22. INSTALL REAR AXLE CARRIER SUB-ASSEMBLY LH**INFO****23. INSTALL REAR AXLE CARRIER SUB-ASSEMBLY RH****HINT:**

Use the same procedure described for the LH side.

24. INSTALL REAR DRIVE SHAFT ASSEMBLY LH**INFO****25. INSTALL REAR DRIVE SHAFT ASSEMBLY RH****HINT:**

Use the same procedure described for the LH side.

26. INSTALL REAR DIFFERENTIAL CARRIER ASSEMBLY**INFO****27. INSTALL PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY****INFO****28. INSTALL EXHAUST TAIL PIPE ASSEMBLY****INFO****29. STABILIZE SUSPENSION****INFO****30. FULLY TIGHTEN REAR UPPER CONTROL ARM ASSEMBLY LH****INFO****31. FULLY TIGHTEN REAR UPPER CONTROL ARM ASSEMBLY RH****HINT:**

Use the same procedure described for the LH side.

32. FULLY TIGHTEN TOE CONTROL LINK SUB-ASSEMBLY LH**INFO****33. FULLY TIGHTEN TOE CONTROL LINK SUB-ASSEMBLY RH****HINT:**

Use the same procedure described for the LH side.

34. TEMPORARILY INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY LH

- (a) Fully tighten the nut holding the rear shock absorber.

Torque: 80 N·m (816 kgf·cm, 59ft·lbf)

- (b) Fully tighten the nut on the rear suspension member sub-assembly side.

Torque: 80 N·m (816 kgf·cm, 59ft·lbf)

35. TEMPORARILY INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY RH**HINT:**

Use the same procedure described for the LH side.

36. FULLY TIGHTEN STABILIZER LINK SUB-ASSEMBLY (for LH Side) INFO**37. FULLY TIGHTEN STABILIZER LINK SUB-ASSEMBLY (for RH Side)****HINT:**

Use the same procedure described for the LH side.

38. FULLY TIGHTEN REAR NO. 1 SUSPENSION ARM ASSEMBLY LH

- (a) Fully tighten the bolt on the rear suspension member side of the rear No. 1 suspension arm assembly LH.

Torque: 110 N·m (1122 kgf·cm, 81ft·lbf)

39. FULLY TIGHTEN REAR NO. 1 SUSPENSION ARM ASSEMBLY RH**HINT:**

Use the same procedure described for the LH side.

40. INSTALL REAR WHEELS

Torque: 120 N·m (1224 kgf·cm, 89ft·lbf)

41. INSPECT AND ADJUST REAR WHEEL ALIGNMENTINFO**42. VSC SENSOR NEUTRAL MEMORIZATION**INFO**43. CHECK FOR SPEED SENSOR SIGNAL**INFO

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Title: REAR SUSPENSION: REAR SUSPENSION MEMBER: REMOVAL (2013 FR-S)		

REMOVAL

1. REMOVE REAR WHEELS

2. REMOVE PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY

INFO

3. REMOVE EXHAUST TAIL PIPE ASSEMBLY

INFO

4. REMOVE REAR DIFFERENTIAL CARRIER ASSEMBLY

INFO

5. REMOVE REAR DRIVE SHAFT ASSEMBLY LH

INFO

6. REMOVE REAR DRIVE SHAFT ASSEMBLY RH

HINT:

Use the same procedure described for the LH side.

7. REMOVE REAR AXLE CARRIER SUB-ASSEMBLY LH

INFO

8. REMOVE REAR AXLE CARRIER SUB-ASSEMBLY RH

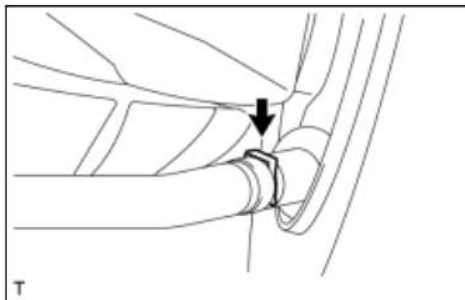
HINT:

Use the same procedure described for the LH side.

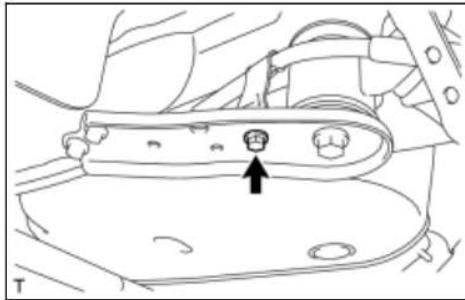
9. REMOVE NO. 3 FUEL TANK PROTECTOR

INFO

10. SEPARATE NO. 3 PARKING BRAKE CABLE ASSEMBLY



(a) Remove the clamp and separate the No. 3 parking brake cable assembly.



- (b) Remove the bolt and separate the No. 3 parking brake cable assembly from rear suspension member lower stopper LH.

11. SEPARATE NO. 2 PARKING BRAKE CABLE ASSEMBLY

HINT:

Use the same procedure described for the LH side.

12. REMOVE PARKING BRAKE CABLE SUPPORT BRACKET (for LH Side) INFO

13. REMOVE PARKING BRAKE CABLE SUPPORT BRACKET (for RH Side)

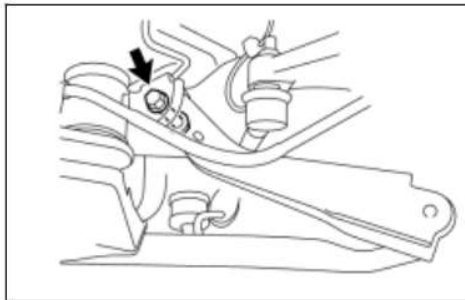
HINT:

Use the same procedure described for the LH side.

14. REMOVE REAR STABILIZER BAR

INFO

15. REMOVE REAR NO. 1 SUSPENSION ARM ASSEMBLY LH



- (a) Remove the bolt, nut and rear No. 1 suspension arm assembly LH.

16. REMOVE REAR NO. 1 SUSPENSION ARM ASSEMBLY RH

HINT:

Use the same procedure described for the LH side.

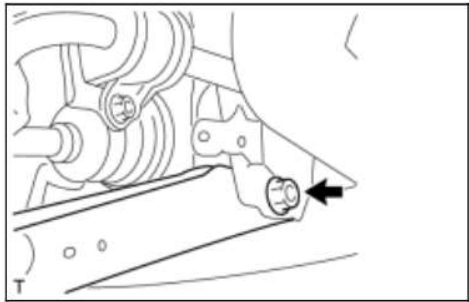
17. SEPARATE REAR SHOCK ABSORBER WITH COIL SPRING LH INFO

18. SEPARATE REAR SHOCK ABSORBER WITH COIL SPRING RH

HINT:

Use the same procedure described for the LH side.

19. SEPARATE REAR NO. 2 SUSPENSION ARM ASSEMBLY LH



(a) Remove the bolt, nut and rear No. 2 suspension arm assembly LH from the rear suspension member sub-assembly.

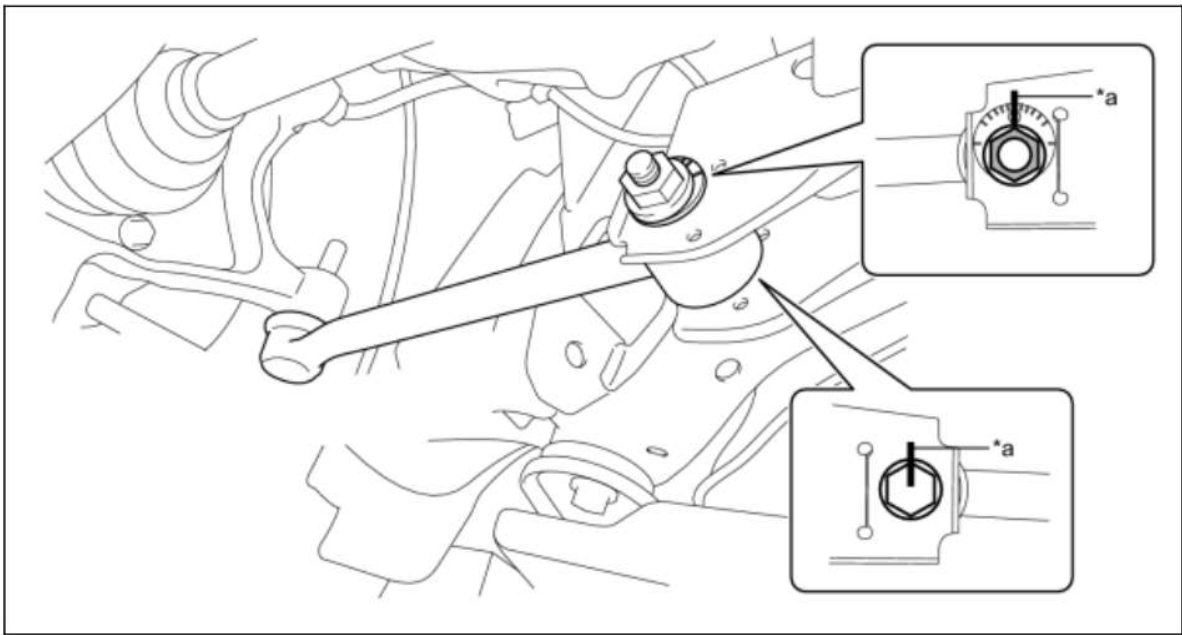
20. SEPARATE REAR NO. 2 SUSPENSION ARM ASSEMBLY RH

HINT:

Use the same procedure described for the LH side.

21. REMOVE TOE CONTROL LINK SUB-ASSEMBLY LH

(a) Put matchmarks on the rear No. 2 suspension toe adjust plate and rear suspension member.



Text in Illustration

*a	Matchmark	-	-
----	-----------	---	---

(b) Remove the nut, rear suspension toe adjust cam, rear No. 2 suspension toe adjust plate and toe control link sub-assembly LH.

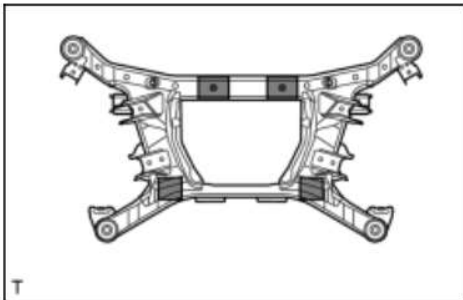
22. REMOVE TOE CONTROL LINK SUB-ASSEMBLY RH

HINT:

Use the same procedure described for the LH side.

23. REMOVE REAR SUSPENSION MEMBER SUB-ASSEMBLY

- (a) Support the rear suspension member sub-assembly with an engine lifter using 4 attachments or equivalent tools as shown in the illustration.



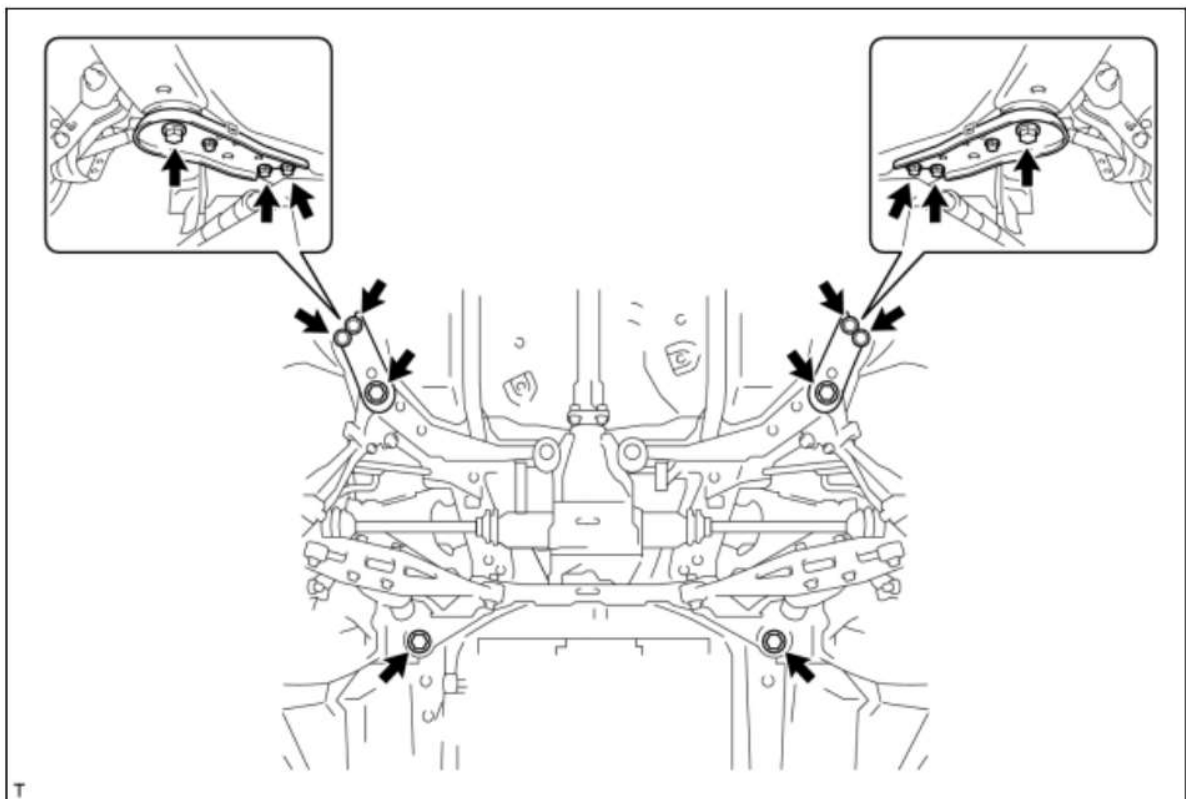
Text in Illustration

	Attachment Placement Location
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NOTICE:

- Make sure to secure the rear suspension member sub-assembly to prevent it from dropping.
- Use the attachments to keep the rear suspension member sub-assembly level.

- (b) Remove the 8 bolts, 2 rear lower suspension member stoppers, 2 differential support member stoppers and 2 rear suspension member lower stoppers from the rear suspension member.



- (c) Slowly lower the rear suspension member sub-assembly.

NOTICE:

When lowering the rear suspension member sub-assembly, be careful not to damage the vehicle body or other components installed on the vehicle.

24. REMOVE REAR UPPER CONTROL ARM ASSEMBLY LH[INFO](#)**25. REMOVE REAR UPPER CONTROL ARM ASSEMBLY RH****HINT:**

Use the same procedure described for the LH side.

26. REMOVE REAR NO. 1 DIFFERENTIAL MOUNT CUSHION[INFO](#)**27. REMOVE REAR NO. 2 DIFFERENTIAL MOUNT CUSHION**[INFO](#)

Last Modified: 3-27-2012	6.4 T	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IG200DX
Title: REAR SUSPENSION: REAR SUSPENSION SYSTEM: PROBLEM SYMPTOMS TABLE (2013 FR-S)		

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.

Rear Suspension System

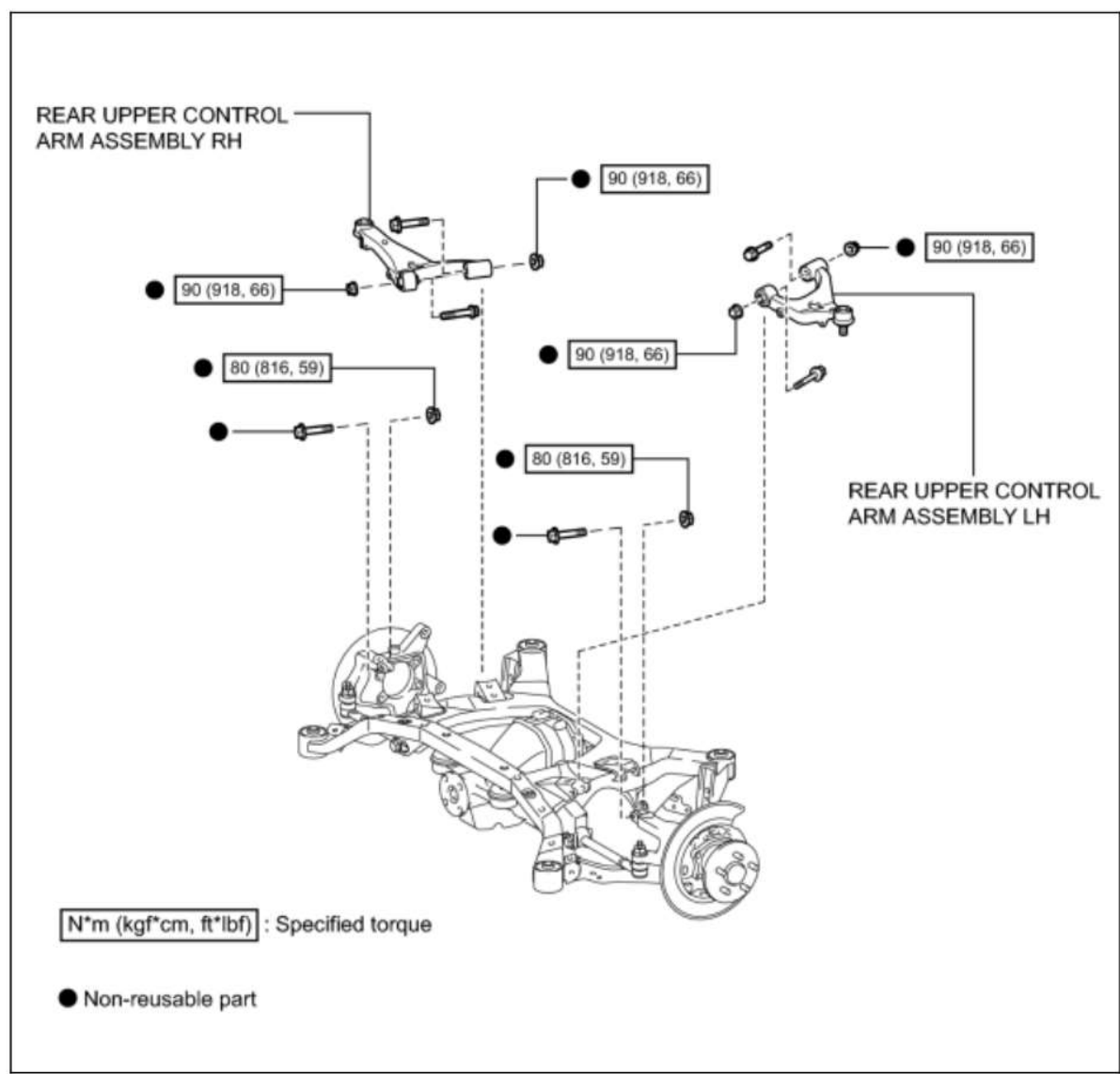
SYMPTOM	SUSPECTED AREA	SEE PAGE
Vehicle tilts	Tire (worn or improperly inflated)	INFO
	Rear wheel alignment (incorrect)	INFO
	Rear hub bearing (worn)	INFO
	Rear shock absorber with coil spring (worn)	INFO
Bottoming	Vehicle (overloaded)	-
	Rear shock absorber with coil spring (worn)	INFO
Wheel shimmy	Tire (worn or improperly inflated)	INFO
	Rear stabilizer bar (worn)	INFO
	Rear shock absorber with coil spring (worn)	INFO
Abnormal tire wear	Tire (worn or improperly inflated)	INFO
	Wheel (out of balance)	INFO
	Rear wheel alignment (incorrect)	INFO
	Toe control link sub-assembly (worn)	INFO
	Rear No. 1 suspension arm assembly (worn)	INFO
	Rear No. 2 suspension arm assembly (worn)	INFO
	Rear upper control arm assembly (worn)	INFO
	Rear shock absorber with coil spring (worn)	INFO
	Rear hub bearing (worn)	INFO
Vehicle sways	Tire (worn or improperly inflated)	INFO
	Wheel (out of balance)	INFO
	Rear wheel alignment (incorrect)	INFO



Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFN00FX
Title: REAR SUSPENSION: REAR UPPER ARM: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



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Model Year: 2013	Model: FR-S	Doc ID: RM0000058XE000X
Title: REAR SUSPENSION: REAR UPPER ARM: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT REAR UPPER CONTROL ARM ASSEMBLY LH

(a) Inspect the ball joint of upper control arm assembly.

(1) Turn the stud back and forth.

Standard:

There is no unusual resistance or play.

(2) If there is any unusual resistance or play, replace the upper control arm assembly LH with a new one.

(b) Inspect the dust cover of upper control arm assembly.

(1) Check that the dust cover is not cracked and that there is no grease on it.

(2) If the dust cover is fissured or grease is leaked, replace the upper control arm assembly LH with a new one.



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFM00DX
Title: REAR SUSPENSION: REAR UPPER ARM: INSTALLATION (2013 FR-S)		

INSTALLATION

1. TEMPORARILY INSTALL REAR UPPER CONTROL ARM ASSEMBLY LH

- (a) Temporarily install the rear upper control arm assembly LH to the rear suspension member sub-assembly with the 2 bolts and 2 new nuts.

NOTICE:

- Insert the bolt from the rear side of the vehicle for the front side of the installation position.
- Insert the bolt from the front side of the vehicle for the rear side of the installation position.

- (b) Temporarily install the rear upper control arm assembly LH to the axle carrier with the new bolt and a new nut.

NOTICE:

Insert the bolt from the front side of the vehicle.

2. TEMPORARILY INSTALL REAR UPPER CONTROL ARM ASSEMBLY RH

HINT:

Use the same procedure described for the LH side.

3. INSTALL REAR SUSPENSION MEMBER SUB-ASSEMBLY

INFO

4. STABILIZE SUSPENSION

INFO

5. FULLY TIGHTEN REAR UPPER CONTROL ARM ASSEMBLY LH

- (a) Fully tighten the nut on the axle carrier side of the upper control arm assembly LH.

Torque: 80 N·m (816 kgf·cm, 59ft·lbf)

- (b) Fully tighten the 2 nuts on the suspension member side of the upper control arm assembly LH.

Torque: 90 N·m (918 kgf·cm, 66ft·lbf)

6. FULLY TIGHTEN REAR UPPER CONTROL ARM ASSEMBLY RH

HINT:

Use the same procedure described for the LH side.

7. INSPECT AND ADJUST REAR WHEEL ALIGNMENT

INFO

8. VSC SENSOR NEUTRAL MEMORIZATION

INFO



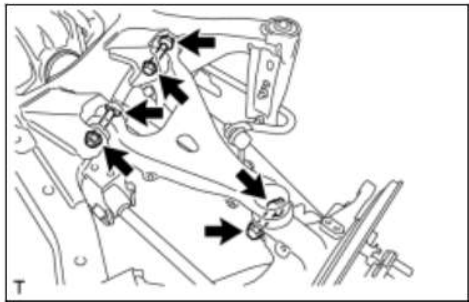
Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFO00FX
Title: REAR SUSPENSION: REAR UPPER ARM: REMOVAL (2013 FR-S)		

REMOVAL

1. REMOVE REAR SUSPENSION MEMBER SUB-ASSEMBLY

INFO

2. REMOVE REAR UPPER CONTROL ARM ASSEMBLY LH



(a) Remove the 3 bolts, 3 nuts, and then remove the rear upper control arm assembly LH from the rear suspension member sub-assembly.

3. REMOVE REAR UPPER CONTROL ARM ASSEMBLY RH

HINT:

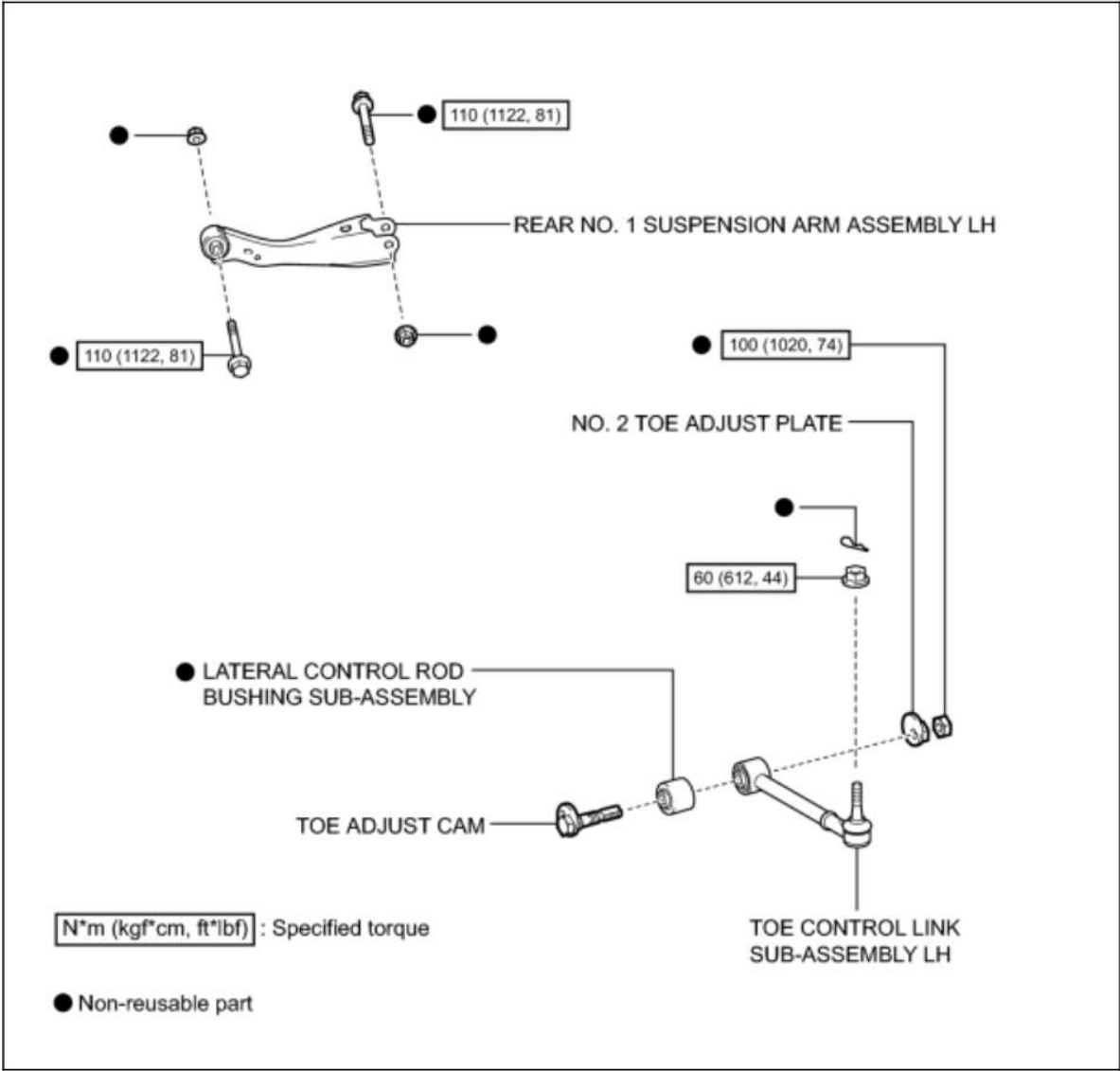
Perform the same procedure as for the LH side.



Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFW00EX
Title: REAR SUSPENSION: TOE CONTROL LINK: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



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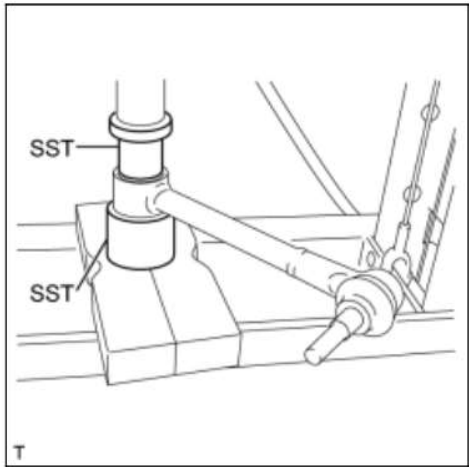
Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XH000X
Title: REAR SUSPENSION: TOE CONTROL LINK: DISASSEMBLY (2013 FR-S)		

DISASSEMBLY

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE LATERAL CONTROL ROD BUSHING SUB-ASSEMBLY



(a) Using SST, lateral control rod bushing sub-assembly from the toe control link sub-assembly LH.

SST: 09710-18010

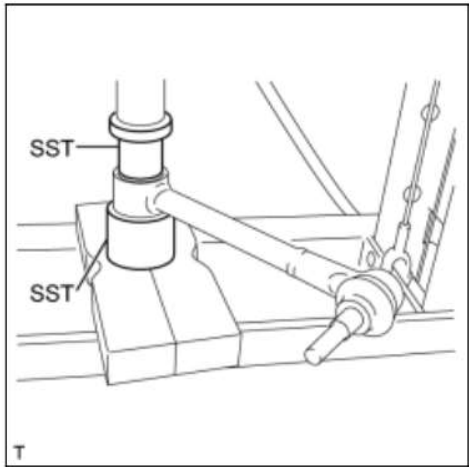
Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XH000X
Title: REAR SUSPENSION: TOE CONTROL LINK: DISASSEMBLY (2013 FR-S)		

DISASSEMBLY

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE LATERAL CONTROL ROD BUSHING SUB-ASSEMBLY



(a) Using SST, lateral control rod bushing sub-assembly from the toe control link sub-assembly LH.

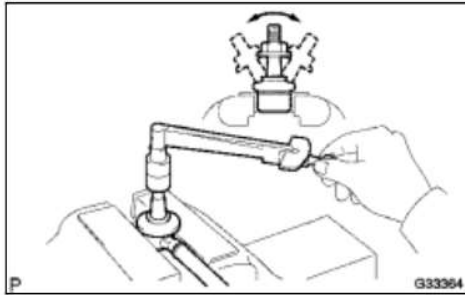
SST: 09710-18010

Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058YI000X
Title: REAR SUSPENSION: TOE CONTROL LINK: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT TOE CONTROL LINK SUB-ASSEMBLY LH

- (a) Inspect the ball joint.



- (1) Temporarily install the attaching nut to the stud of the toe control link sub-assembly LH.

- (2) Turn the stud back and forth.

Standard:

There is no unusual resistance or play.

- (3) If there is unusual resistance or play, replace the toe control link sub-assembly LH with a new one.

- (b) Inspect the dust cover.

- (1) Check that the dust cover is not cracked and that there is no grease on it.

- (2) If the dust cover is fissured or grease is leaked, replace the toe control link sub-assembly LH with a new one.



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFV00FX
Title: REAR SUSPENSION: TOE CONTROL LINK: INSTALLATION (2013 FR-S)		

INSTALLATION

HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

1. TEMPORARILY INSTALL TOE CONTROL LINK SUB-ASSEMBLY LH

- (a) Install the toe control link sub-assembly LH and insert the toe adjust cam from the front of the vehicle. Then, install the rear No. 2 suspension toe adjust plate and temporarily install the new nut.

NOTICE:

Align the matchmarks on the rear suspension member and the rear No. 2 suspension toe adjust plate.

- (b) Install the rear suspension toe control link sub-assembly LH to the rear axle carrier side with a nut.

Torque: 60 N·m (612 kgf·cm, 44ft·lbf)

- (c) Install the new snap pin.

2. TEMPORARILY INSTALL REAR NO. 1 SUSPENSION ARM ASSEMBLY LH INFO

3. STABILIZE SUSPENSION INFO

4. FULLY TIGHTEN TOE CONTROL LINK SUB-ASSEMBLY LH

- (a) Fully tighten the nut on the rear suspension member side.

Torque: 100 N·m (1020 kgf·cm, 74ft·lbf)

NOTICE:

Check that the matchmarks on the rear suspension member and the rear No. 2 suspension toe adjust plate are aligned.

5. FULLY TIGHTEN REAR NO. 1 SUSPENSION ARM ASSEMBLY LH INFO

6. INSTALL REAR WHEEL

Torque: 120 N·m (1224 kgf·cm, 89ft·lbf)

7. INSPECT AND ADJUST REAR WHEEL ALIGNMENT

INFO

8. VSC SENSOR NEUTRAL MEMORIZATION

INFO



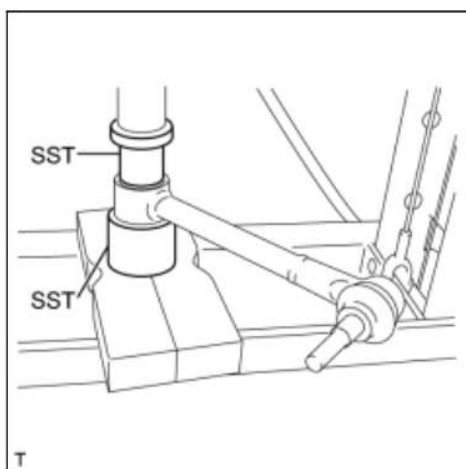
Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000058XI000X
Title: REAR SUSPENSION: TOE CONTROL LINK: REASSEMBLY (2013 FR-S)		

REASSEMBLY

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. INSTALL LATERAL CONTROL ROD BUSHING SUB-ASSEMBLY



- (a) Using SST, install a new lateral control rod bushing sub-assembly to the toe control link sub-assembly LH.

SST: 09710-18010



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003IFX00EX
Title: REAR SUSPENSION: TOE CONTROL LINK: REMOVAL (2013 FR-S)		

REMOVAL

HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

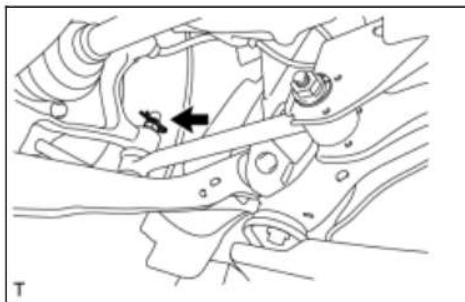
1. REMOVE REAR WHEEL

2. REMOVE REAR NO. 1 SUSPENSION ARM ASSEMBLY LH

[INFO](#)

3. REMOVE TOE CONTROL LINK SUB-ASSEMBLY LH

- (a) Remove the snap pin.



- (b) Remove the nut on the rear axle carrier side.

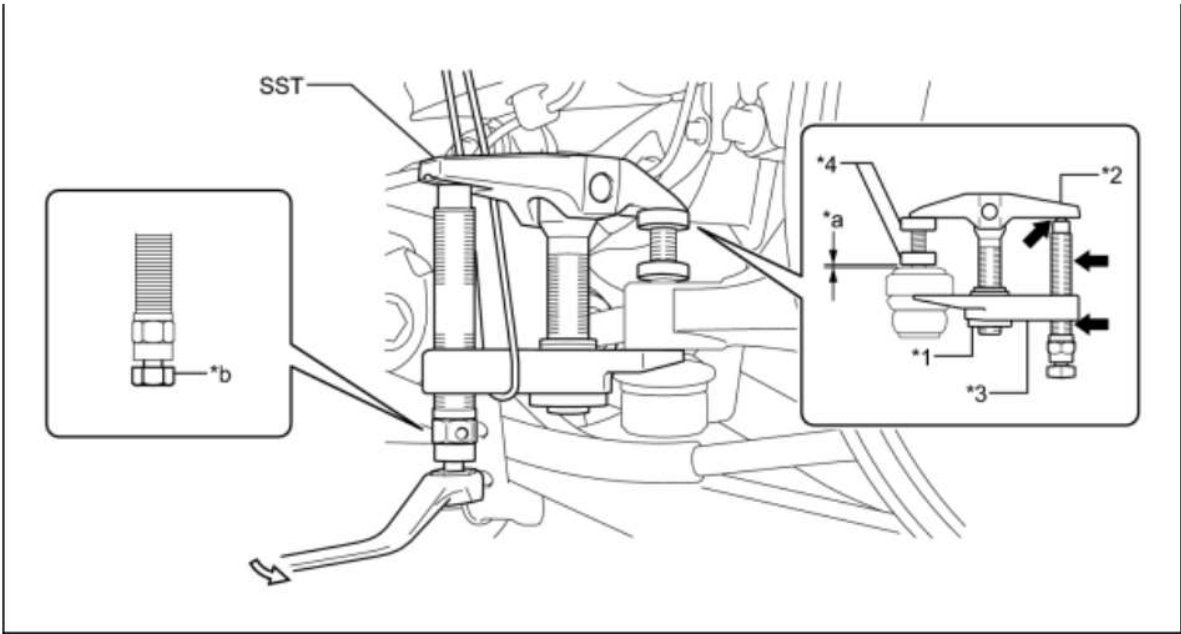
- (c) Install SST (2 pieces of spacer B) to the threaded section of the toe control link sub-assembly LH.

SST: 09960-20010

09961-02060

09961-02010

- (d) Using SST (ball joint puller), separate the toe control link sub-assembly LH from the rear axle carrier LH.



Text in Illustration

*1	Nut	*2	Body
*3	Claw	*4	SST (Spacer B)
*a	1 mm (0.039 in.)	*b	Place wrench here
	Molybdenum grease		Turning direction

SST: 09960-20010

09961-02060

09961-02010

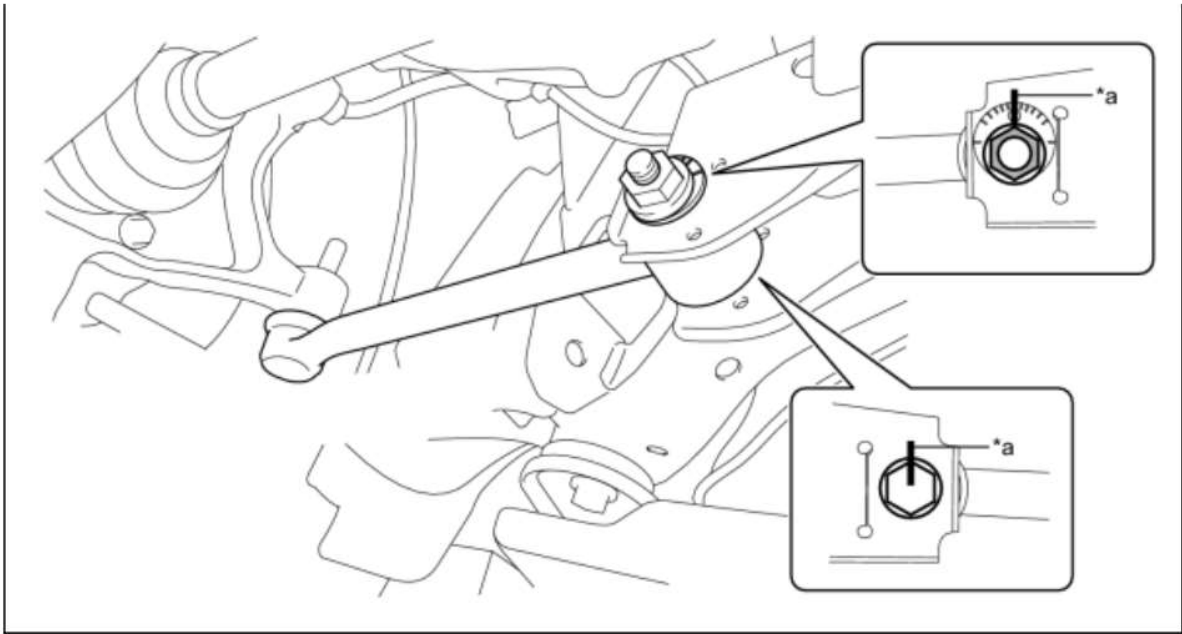
CAUTION:

Before working, apply molybdenum grease to the bolt threads and bolt tip of SST.

NOTICE:

- As the dust cover may be damaged, adjust SST with the center nut so that the body and claw are parallel.
- Make sure to tie the string of SST to the vehicle to prevent SST from dropping.
- Do not damage the dust cover on the toe control link sub-assembly.
- Do not damage the toe control link sub-assembly.
- Do not damage the parking brake plate sub-assembly.
- Do not damage the rear axle carrier.

(e) Put matchmarks on the rear No. 2 suspension toe adjust plate and the rear suspension member.



Text in Illustration

*a	Matchmark	-	-
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- (f) Remove the nut, toe adjust cam, rear No. 2 suspension toe adjust plate and the toe control link sub-assembly.