TOYOTA SERVICE BULLETIN

Group: 05 No.: 08 Date: Dec, 17

Model: Prado 150

Subject: Corrections to Repair Manual RM24N1E

Please ensure these pages are distributed to all relevant staff for their information; and a copy made available for future reference, with the above repair manual.

Section	Title	Paragraph
RA61F MANUAL TRANSMISSION / TRANSAXLE	MANUAL TRANSMISSION UNIT (for 1GR-FE)	DISASSEMBLY (2013/08-201408)
		DISASSEMBLY (201408-)
		REASSEMBLY
	MANUAL TRANSMISSION UNIT (for 1KD-FTV)	DISASSEMBLY (2013/08-201408)
		DISASSEMBLY (201408-)
		REASSEMBLY

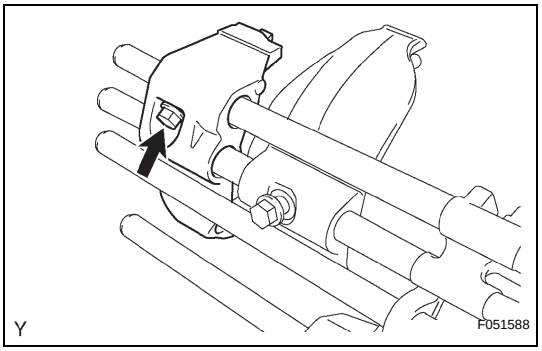
The revised pages listed above are attached.

(The corrected parts are indicated by arrows.)

This bulletin does not cause the Flat Rate Manual to be changed

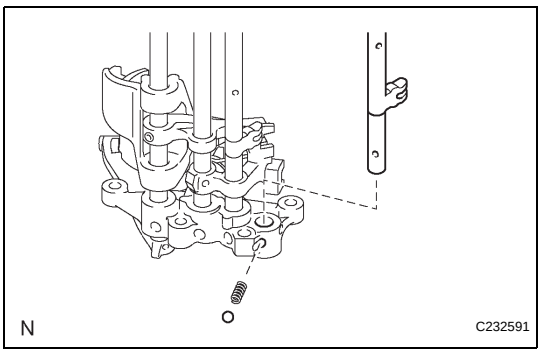
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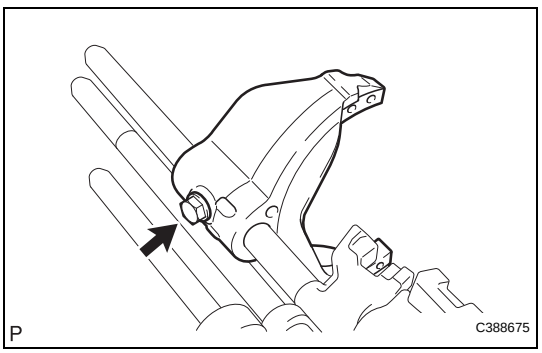
30. REMOVE NO. 3 GEAR SHIFT FORK

(a) Remove the bolt and No. 3 gear shift fork.



31. REMOVE NO. 3 GEAR SHIFT FORK SHAFT

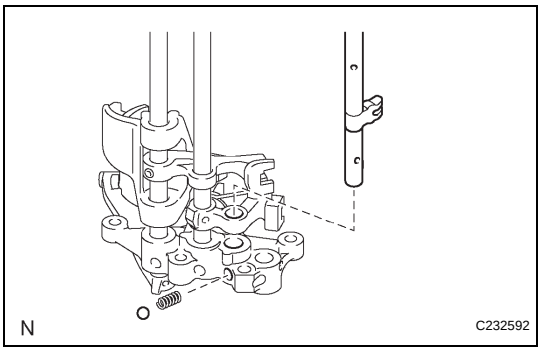
(a) Remove the No. 3 shift fork shaft, shift detent ball and compression spring.



32. REMOVE NO. 2 GEAR SHIFT FORK

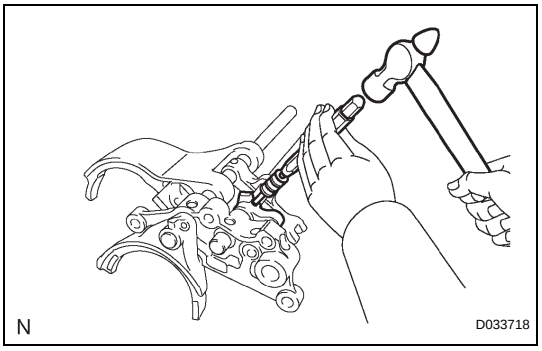
(a) Remove the bolt and No. 2 gear shift fork.

[Corrected]



33. REMOVE NO. 2 GEAR SHIFT FORK SHAFT

(a) Remove the No. 2 shift fork shaft, shift detent ball and compression spring.

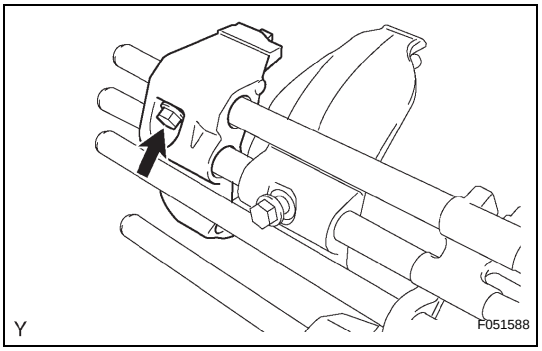


34. REMOVE NO. 1 GEAR SHIFT FORK SHAFT

(a) Using a 5 mm pin punch and hammer, tap out the slotted pin.

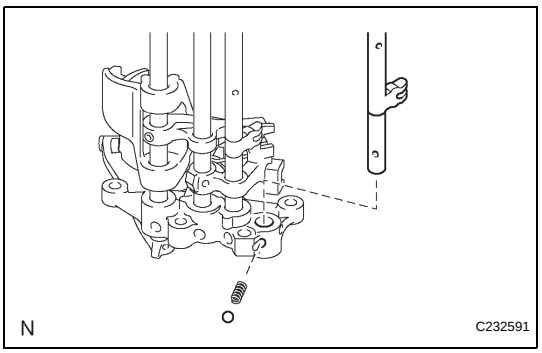
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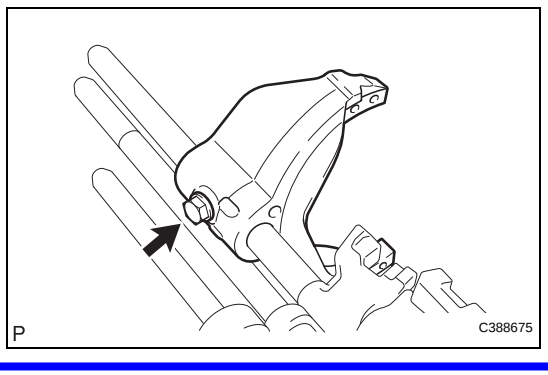
30. REMOVE NO. 3 GEAR SHIFT FORK

(a) Remove the bolt and No. 3 gear shift fork.



31. REMOVE NO. 3 GEAR SHIFT FORK SHAFT

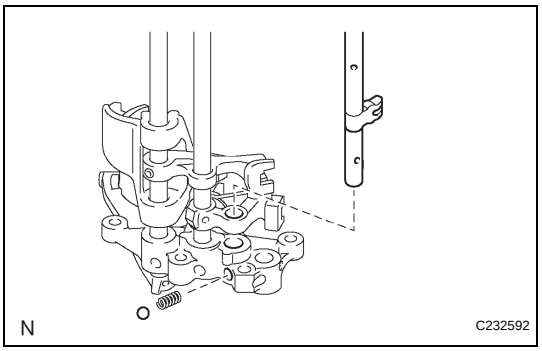
(a) Remove the No. 3 shift fork shaft, shift detent ball and compression spring.



32. REMOVE NO. 2 GEAR SHIFT FORK

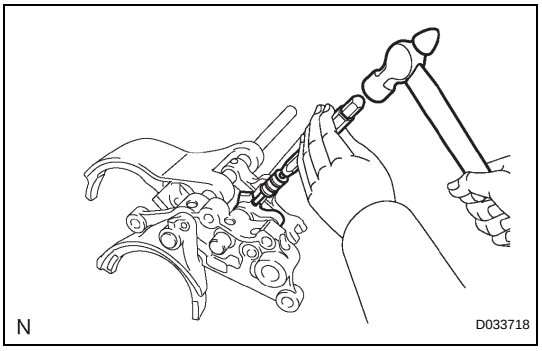
(a) Remove the bolt and No. 2 gear shift fork.

[Corrected]



33. REMOVE NO. 2 GEAR SHIFT FORK SHAFT

(a) Remove the No. 2 shift fork shaft, shift detent ball and compression spring.

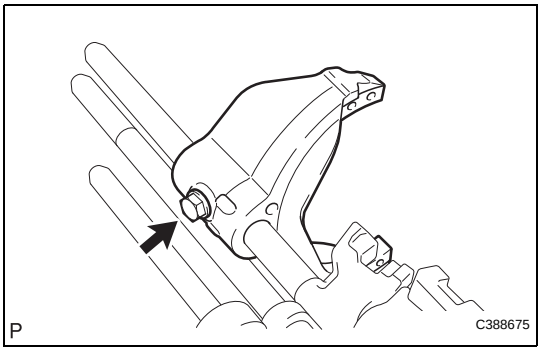


34. REMOVE NO. 1 GEAR SHIFT FORK SHAFT

(a) Using a 5 mm pin punch and hammer, tap out the slotted pin.

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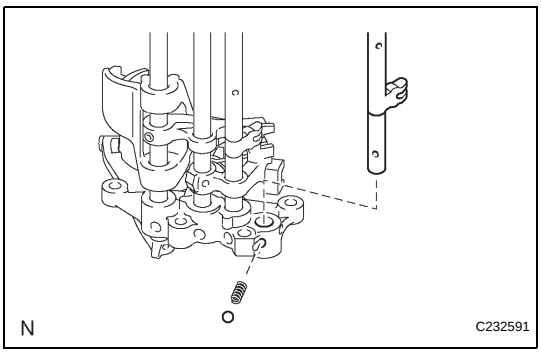
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8. INSTALL NO. 2 GEAR SHIFT FORK

(a) Install the No. 2 shift fork with a new bolt.
Torque: 20 N*m (199 kgf*cm, 14 ft.*lbf)

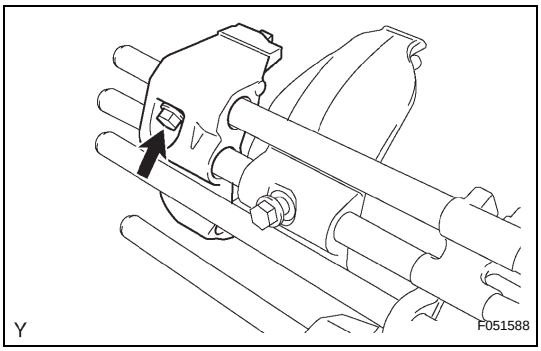
[Corrected]



9. INSTALL NO. 3 GEAR SHIFT FORK SHAFT

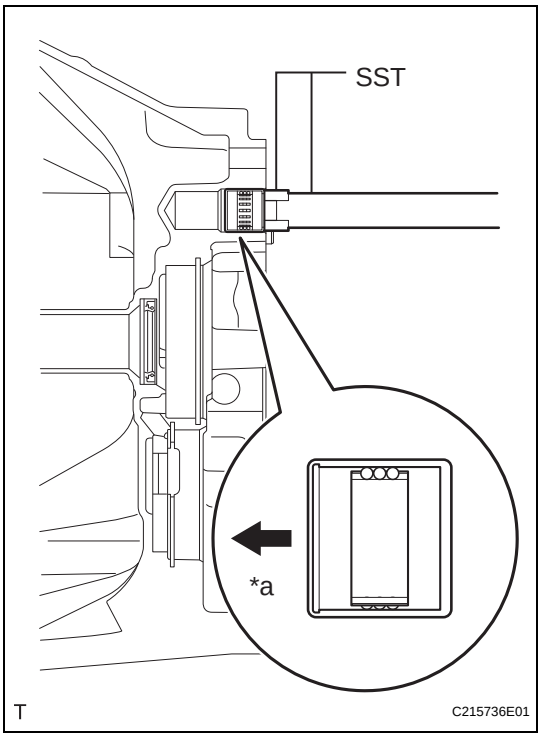
(a) Install the compression spring and shift detent ball to the interlock bracket.

(b) Install the No. 3 shift fork shaft to the interlock bracket.



10. INSTALL NO. 3 GEAR SHIFT FORK

(a) Install the No. 3 gear shift fork with a new bolt.
Torque: 20 N*m (199 kgf*cm, 14 ft.*lbf)

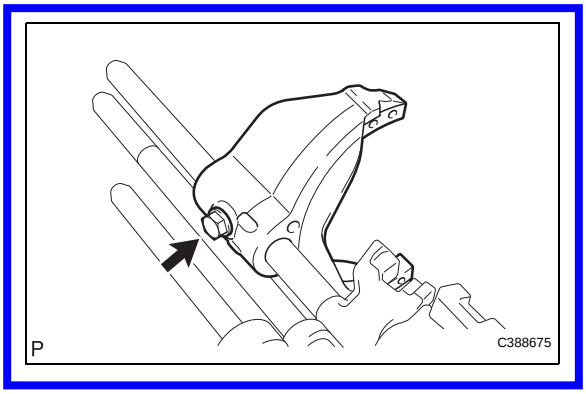


11. INSTALL TRANSMISSION CASE NEEDLE BEARING

(a) Using SST, install the bearing to the front transmission case.
SST 09950-60010 (09951-00220), 09950-70010 (09951-07100)
Text in Illustration

*a	Front

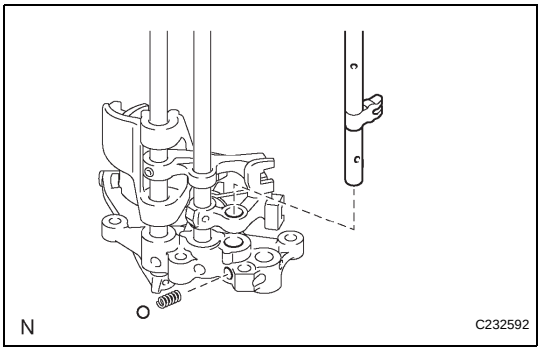
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35. REMOVE NO. 2 GEAR SHIFT FORK

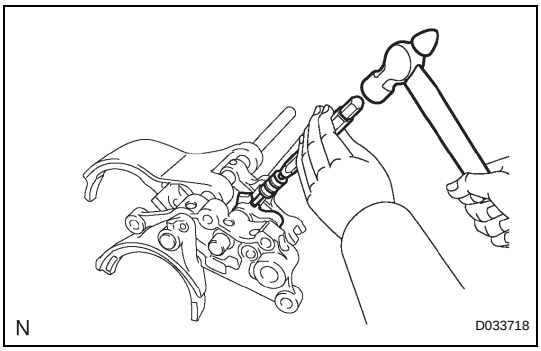
(a) Remove the bolt and No. 2 gear shift fork.

[Corrected]



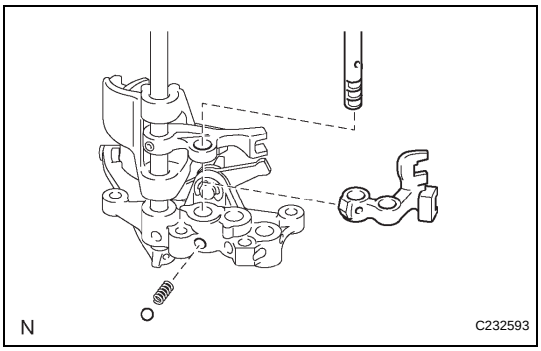
36. REMOVE NO. 2 GEAR SHIFT FORK SHAFT

(a) Remove the No. 2 shift fork shaft, shift detent ball and compression spring.

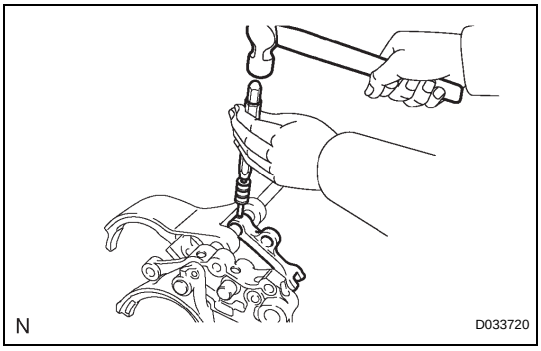


37. REMOVE NO. 1 GEAR SHIFT FORK SHAFT

(a) Using a 5 mm pin punch and hammer, tap out the slotted pin.



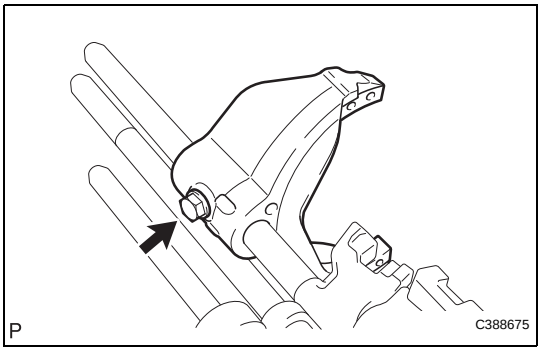
(b) Remove the No. 1 shift fork shaft, shift detent ball, compression spring and shift head.



38. REMOVE NO. 1 GEAR SHIFT FORK

(a) Using a 5 mm pin punch and hammer, tap out the slotted pin.

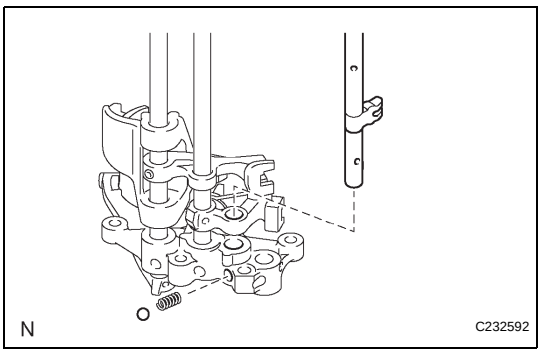
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35. REMOVE NO. 2 GEAR SHIFT FORK

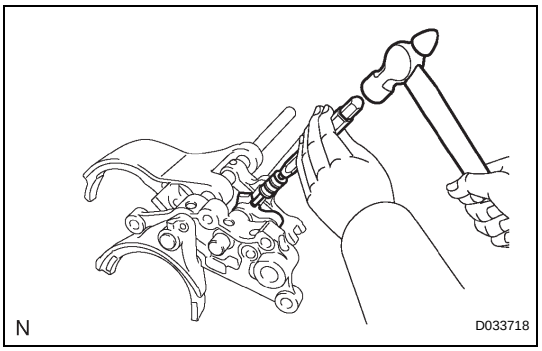
(a) Remove the bolt and No. 2 gear shift fork.

[Corrected]



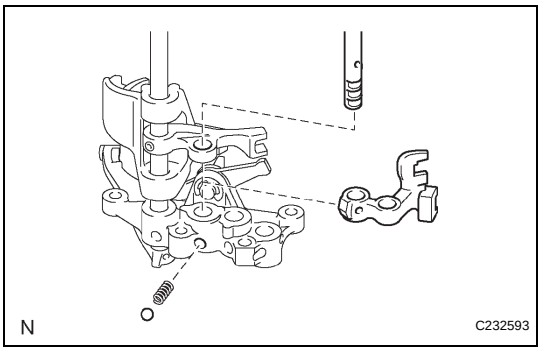
36. REMOVE NO. 2 GEAR SHIFT FORK SHAFT

(a) Remove the No. 2 shift fork shaft, shift detent ball and compression spring.

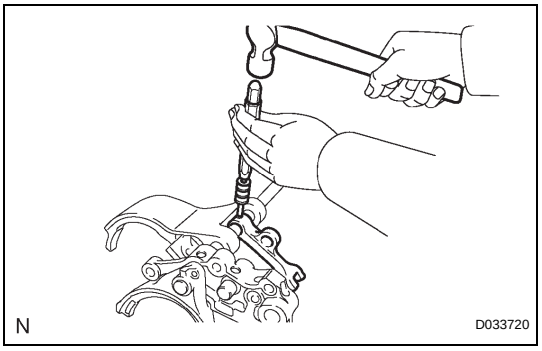


37. REMOVE NO. 1 GEAR SHIFT FORK SHAFT

(a) Using a 5 mm pin punch and hammer, tap out the slotted pin.



(b) Remove the No. 1 shift fork shaft, shift detent ball, compression spring and shift head.

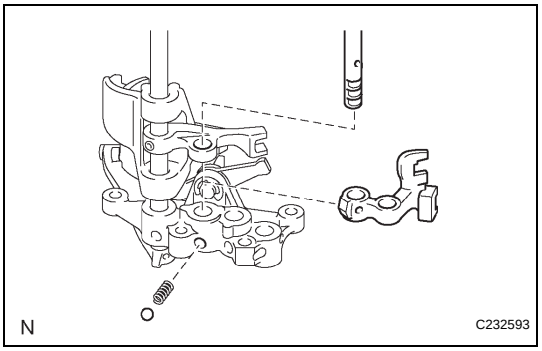


38. REMOVE NO. 1 GEAR SHIFT FORK

(a) Using a 5 mm pin punch and hammer, tap out the slotted pin.

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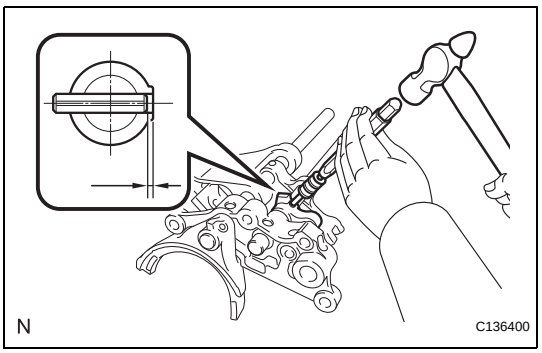
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5. INSTALL NO. 1 GEAR SHIFT FORK SHAFT

(a) Install the compression spring and shift detent ball to the interlock bracket.

(b) Install the No. 1 shift fork shaft to the interlock bracket.



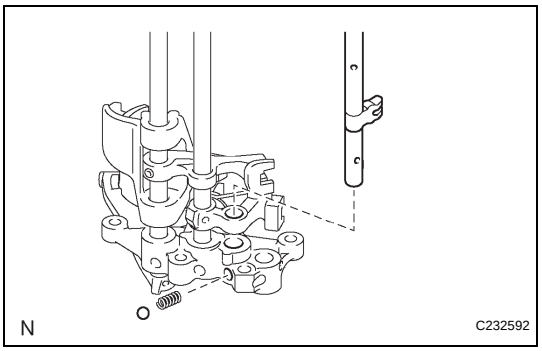
6. INSTALL NO. 1 GEAR SHIFT HEAD

(a) Install the No. 1 shift head to the No. 1 shift fork shaft.

(b) Using a 5 mm pin punch and hammer, tap a new slotted pin into the No. 1 shaft head and No. 1 shift fork shaft.

Standard depth:

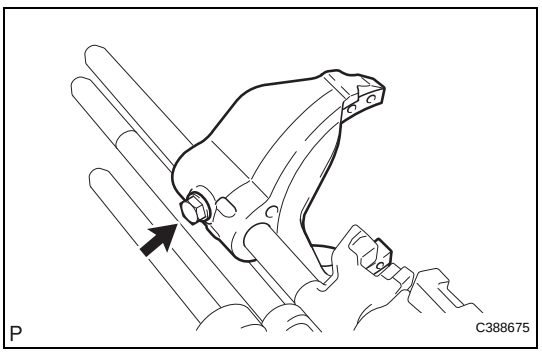
0 to 0.5 mm (0 to 0.0196 in.)



7. INSTALL NO. 2 GEAR SHIFT FORK SHAFT

(a) Install the compression spring and shift detent ball to the interlock bracket.

(b) Install the No. 2 shift fork shaft to the interlock bracket.

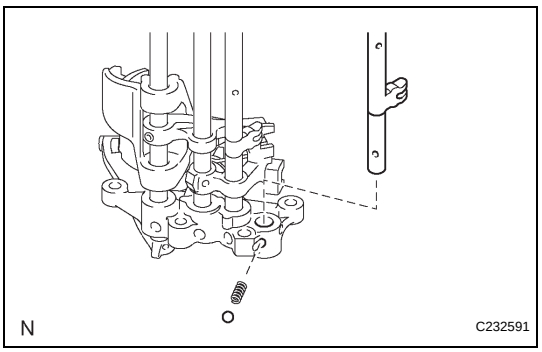


8. INSTALL NO. 2 GEAR SHIFT FORK

(a) Install the No. 2 shift fork with a new bolt.

Torque: 20 N*m (199 kgf*cm, 14 ft.*lbf)

[Corrected]



9. INSTALL NO. 3 GEAR SHIFT FORK SHAFT

(a) Install the compression spring and shift detent ball to the interlock bracket.

(b) Install the No. 3 shift fork shaft to the interlock bracket.

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