TOYOTA SERVICE BULLETIN

Group: 05 No.: 05 Date: Mar, 15

FJ Cruiser

Corrections to RepairManual RM07D9E

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.

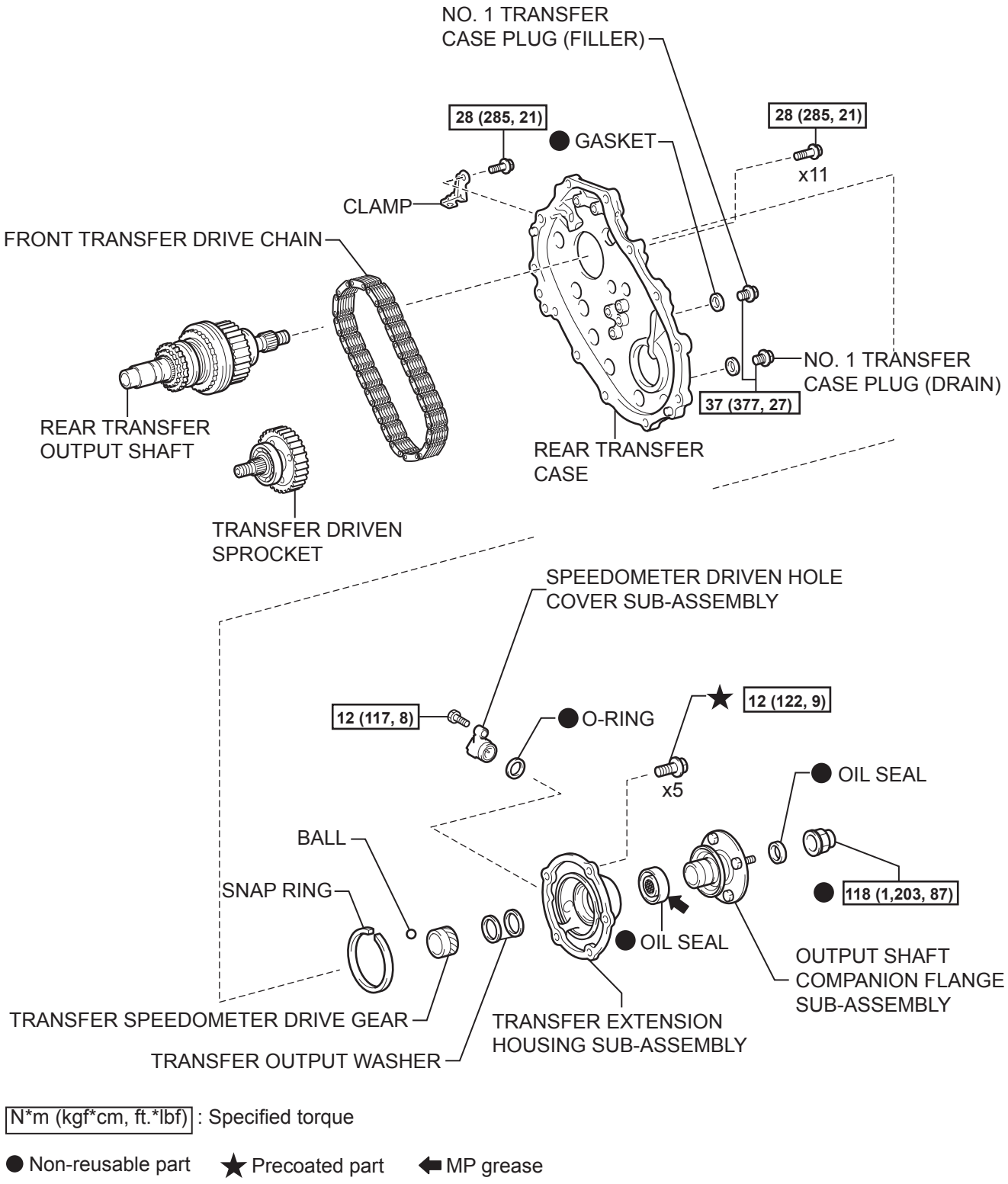
Section	Title	Paragraph
VF2A TRANSFER	TRANSFER ASSEMBLY	COMPONENTS
		DISASSEMBLY
		REASSEMBLY

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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Transfer Speedometer Drive Gear Type:



N*m (kgf*cm, ft.*lbf) : Specified torque

● Non-reusable part ★ Precoated part ⬅ MP grease

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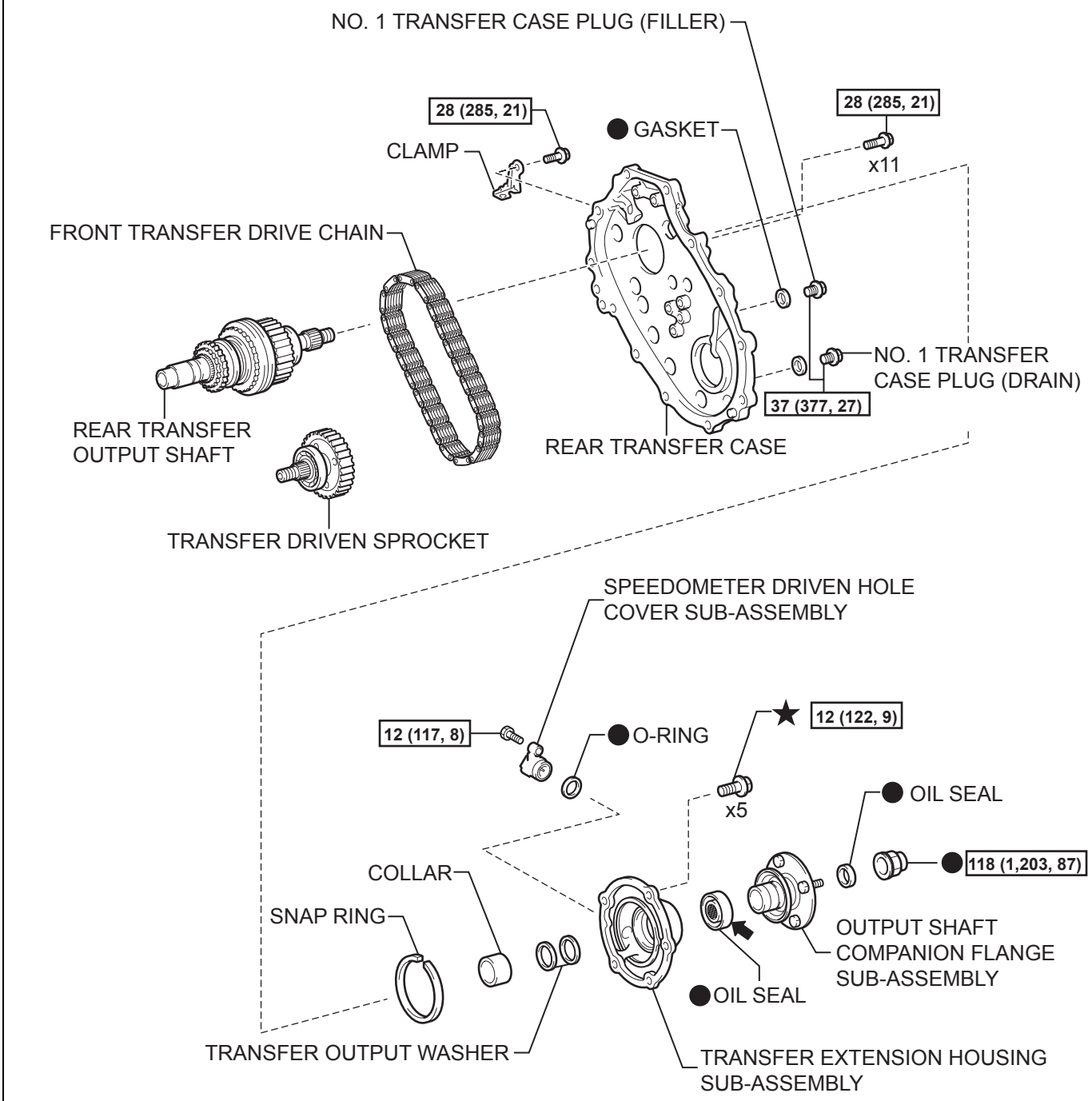
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[Corrected]

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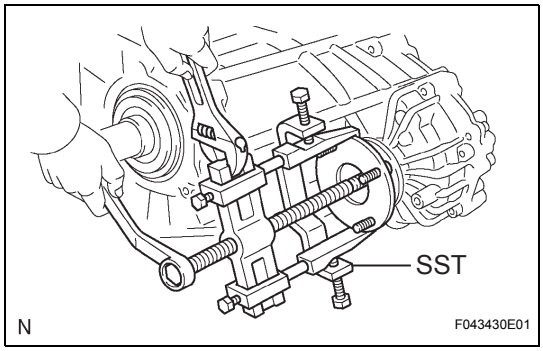
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Collar Type:



[Added]

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(c) Using SST, remove the companion flange.
SST 09950-40011 (09951-04020, 09952-04010, 09953-04030, 09954-04010, 09955-04051, 09957-04010, 09958-04011)

7. REMOVE TRANSFER OUTPUT SHAFT COMPANION FLANGE OIL SEAL (for Front)

(a) Using a screwdriver and hammer, tap out the oil seal from the companion flange.
NOTICE:
Be careful not to damage the oil seal and companion flange contact surfaces.

8. REMOVE OUTPUT SHAFT COMPANION FLANGE SUB-ASSEMBLY (for Rear)

(a) Remove the companion flange (rear) in the same way as the companion flange (front).
SST 09330-00021, 09950-40011 (09951-04020, 09952-04010, 09953-04030, 09954-04010, 09955-04051, 09957-04010, 09958-04011)

9. REMOVE TRANSFER OUTPUT SHAFT COMPANION FLANGE OIL SEAL (for Rear)

(a) Using a screwdriver and hammer, tap out the oil seal from the companion flange.
NOTICE:
Be careful not to damage the oil seal and companion flange contact surfaces.

10. REMOVE SPEEDOMETER DRIVEN HOLE COVER SUB-ASSEMBLY

(a) Remove the bolt and speedometer driven hole cover sub-assembly.

11. REMOVE TRANSFER EXTENSION HOUSING SUB-ASSEMBLY

(a) Remove the 5 bolts and extension housing.
HINT:
If necessary, tap the extension housing with a plastic-faced hammer to remove it.

12. REMOVE TRANSFER COVER TYPE T OIL SEAL

(a) Using a screwdriver and hammer, tap out the oil seal.
NOTICE:
Be careful not to damage the oil seal and extension housing contact surfaces.

13. REMOVE TRANSFER OUTPUT SHAFT WASHER

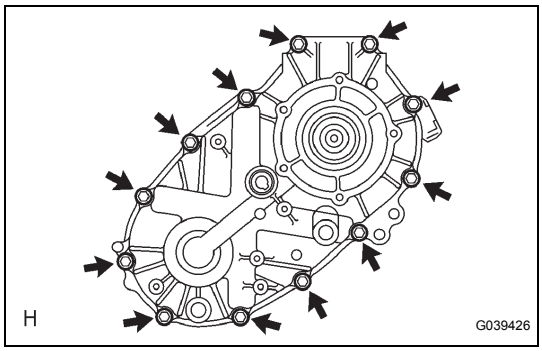
[Added]
(a) Transfer Speedometer Drive Gear Type:
(1) Remove the 2 transfer output shaft washers from the rear transfer output shaft.
(2) Remove the transfer speedometer drive gear from the rear transfer output shaft.
(3) Remove the ball from the rear transfer output shaft.

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[Added]

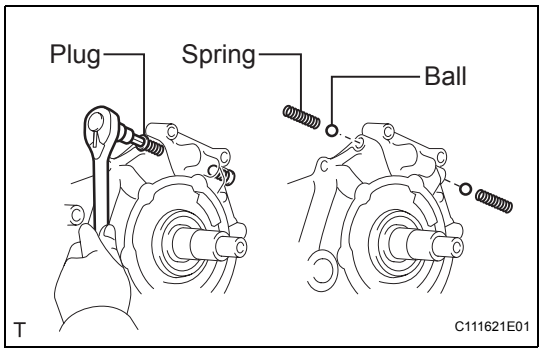
(b) Collar Type:
  (1) Remove the 2 transfer output shaft washers from the rear transfer output shaft.
  (2) Remove the collar from the rear transfer output shaft.



14. REMOVE REAR TRANSFER CASE

(a) Remove the 12 bolts and clamp.

(b) Remove the rear case.
HINT:
If necessary, tap the rear case with a plastic-faced hammer to remove it.

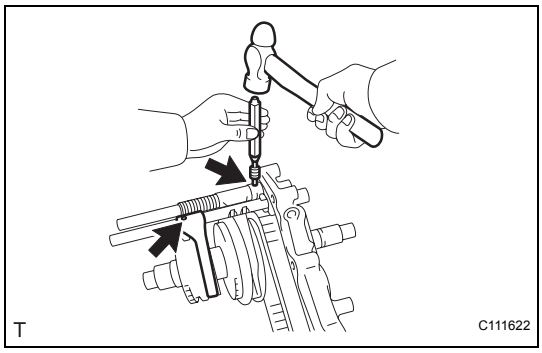


15. REMOVE FRONT TRANSFER DRIVE SHIFT FORK SHAFT

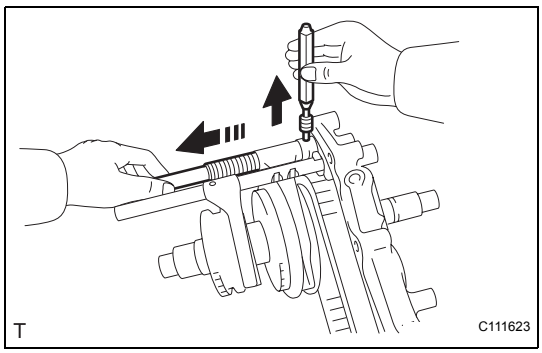
(a) Using a hexagon wrench, remove the 2 plugs.

(b) Using a magnetic finger, remove the 2 springs and 2 balls from both holes.

(c) Mount the case rear in a vise.
NOTICE:
Place aluminum plates on the vise to prevent damage to the case rear.



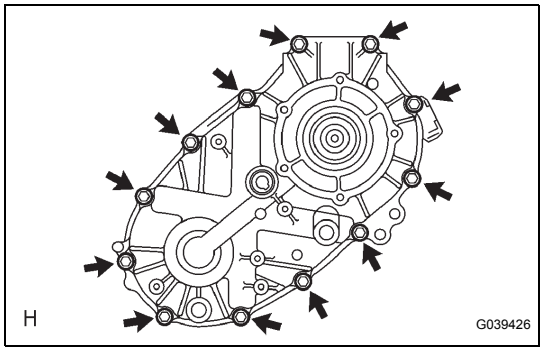
(d) Using a pin punch and hammer, tap out the 2 slotted pins from the shift shaft stopper and No. 2 gear shift fork.



(e) Hold the shift fork shaft in place by hand when removing the pin punch.

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(b) Install the clamp and rear case with the 12 bolts.
Torque: 28 N*m (285 kgf*cm, 21 ft.*lbf)
NOTICE:
Tighten the bolts of the rear case within 10 minutes of applying the FIPG. The FIPG will dry very quickly.

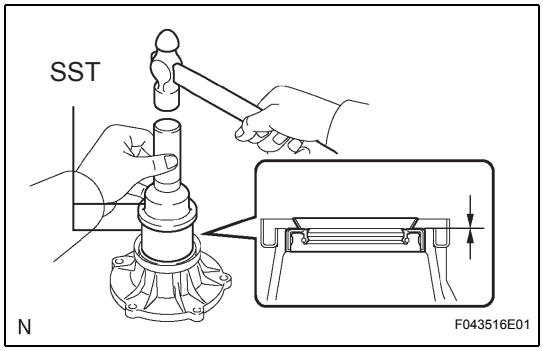
38. INSTALL TRANSFER OUTPUT SHAFT WASHER

(a) Transfer Speedometer Drive Gear Type: [Corrected]

[Added]

(1) Install the ball to the rear transfer output shaft.
(2) Install the transfer speedometer drive gear to the rear transfer output shaft.
(3) Install the 2 transfer output shaft washers to the rear transfer output shaft.

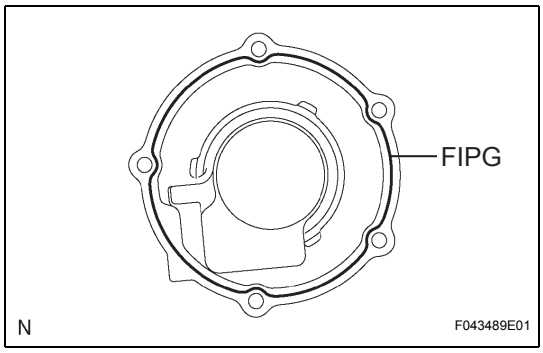
(b) Collar Type:
(1) Install the collar to the rear transfer output shaft.
(2) Install the 2 transfer output shaft washers to the rear transfer output shaft.



39. INSTALL TRANSFER COVER OIL SEAL

(a) Using SST and a hammer, tap in a new oil seal until its surface is flush with the housing upper surface.
SST 09223-46011, 09631-32020
NOTICE:
Be careful not to damage the extension housing.

(b) Coat the lip of the oil seal with MP grease.



40. INSTALL TRANSFER EXTENSION HOUSING SUB-ASSEMBLY

(a) Apply FIPG to the extension housing as shown in the illustration.
FIPG:
Toyota Genuine Seal Packing 1281, Three Bond 1281 or Equivalent
NOTICE:
If the removed extension housing will be reused:
After removing the housing, be sure to perform the following before reinstalling it: 1) using a knife, cut off any old FIPG on the housing's contact surface, 2) clean off any remaining old FIPG from the housing's contact surface, and 3) reapply FIPG to the housing.

(b) Apply sealant to the threads of the bolts.
Sealant:
Toyota Genuine Adhesive 1344, Three Bond 1344 or Equivalent

(c) Install the extension housing with the 5 bolts.
Torque: 12 N*m (122 kgf*cm, 9 ft.*lbf)

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