Canon

Service Bulletin

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Model : Multi-Output Tray-C1/D1

No.: Acc-159 Rev. 1
(FF-T01-W-000066-02)

DATE: 08.10.99

Location : OFFSET ASSEMBLY

Subject : PREVENTING OFFSET ASSEMBLY 56T GEAR FROM RISING

Reason : To communicate the measures to be taken through servicing activity in the field to prevent noise and the occurrence of E540 due to rising of the offset assembly 56T gear

Details : <Symptom>
There are cases where the 56T gear and the 19T/56T gear do not mesh properly due to rising of the offset assembly 56T gear. If the 56T gear and the 19T/56T gear do not mesh properly, there can be skipping of the gear teeth, and the shift motor drive will not be transmitted to the 56T gear, resulting in noise and the occurrence of E540.

<Cause>
If the end of the offset assembly link is pushed up due to some kind of force produced, the end of the link will rise, and the 56T gear will also rise as a result. (Fig 2.)

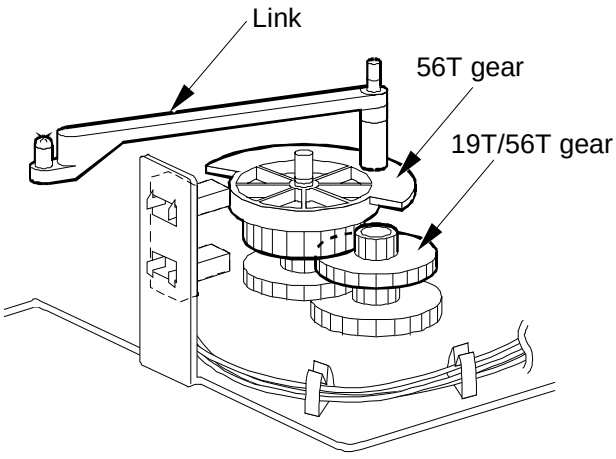


Fig. 1 Condition of the offset assembly gear (56T gear not rising. Acceptable.)

If the end of the offset assembly link is pushed up due to some kind of force produced, the end of the link will rise, and the 56T gear will also rise as a result.

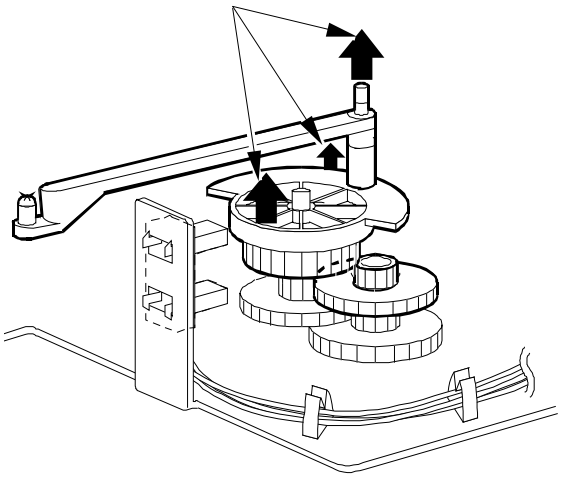


Fig. 2 Condition of the offset assembly gear (56T gear rising. Not acceptable.)

<Factory measures>
The rising of the end of the link and the 56T gear was prevented by the addition of an E ring (XD2-1100-322) to the 56T gear shaft. (Fig. 3)

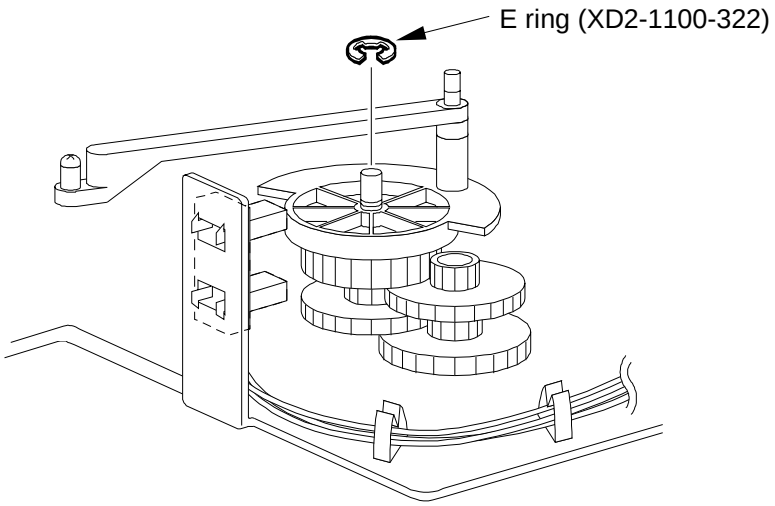


Fig. 3 Addition of the E ring to the 56T gear shaft shown schematically

Servicing : When the aforementioned symptoms occur, correct the rising of the offset assembly 56T gear. However, when making this correction, check that the 56T and 19T/56T gear teeth had not broken off and replace the gears if necessary. Also, if the same symptoms recur after correcting the rising of the 56T gear, replace the offset assembly by following the procedure, "5. Removing the Shift Tray Assembly", in Chapter 3 of the Service Manual (Multi-Output Tray-C1 / FY8-13EB-000).

Service Parts :

No.	Description		Part number	Q'ty		Inter-change-ability	P.C.
1	Old	OFFSET ASSEMBLY	FG5-7471-000	1→0		No ↓ ↑ Yes	Q20
	New	OFFSET ASSEMBLY	FG5-7471-040	0→1			

Affected machines:

Multi Output Tray-C1 ZET20585 and later
Multi Output Tray-D1 ZSG02538 and later