

# PARTS & SERVICE NEWS

REF NO.	AT04062
DATE	Apr. 26, 2004

(C) Page 1 of 7

**SUBJECT:** IMPROVED TRANSMISSION CARRIER ON GD500, GD600, GD700, GD800

**PURPOSE:** To introduce strengthened transmission carriers with improved durability for use on the GD500 Series, GD600 Series, GD700 Series and GD800 Series motor graders

**APPLICATION:**

- GD505A-2 Motor Graders
- GD505A-3 Motor Graders
- GD511A-1 Motor Graders
- GD521A-1 Motor Graders
- GD523A-1 Motor Graders
- GD525A-1 Motor Graders
- GD605A-5 Motor Graders
- GD611A-1 Motor Graders
- GD621A-1 Motor Graders
- GD623A-1 Motor Graders
- GD705A-3 Motor Graders
- GD705A-4 Motor Graders
- GD725A-1 Motor Graders
- GD805A-1 Motor Graders
- GD825A-1 Motor Graders
- GD825A-2 Motor Graders
- GH320H-1 Motor Graders
- GH320H-2 Motor Graders

Refer pages 2 and 3

**FAILURE CODE:** 15LGFF

**DESCRIPTION:**

1. Introduction

To improve the durability, KOMATSU has developed strengthened transmission carriers for use on the GD500 Series, GD600 Series, GD700 Series and GD800 Series motor graders and introduces these new transmission carriers in this Service News.

## 2. Serial numbers of the applicable machines

Applicable machine model	Applicable machine model			
	Machines in the field		Machines being shipped with the modification completed at the factory	
	Serial No. of the machine	Serial No. of the transmission	Serial No. of the machine	Serial No. of the transmission
GD505A-2	~ #50549	~ 4560	(Production stopped)	—
GD505A-3	~ #1146	~ 105806	(Production stopped)	105807 ~
GD505A-3A	~ #2062	~ 105806	#2063 ~	105807 ~
GD511A-1	~ #11522	~ 105806	#11523 ~	105807 ~
GD511R-1	~ #10171	~ 4560	(Production stopped)	—
GD512A-1	No production record	~ 4560	No production record	—
GD513R-1	No production record	~ 4560	No production record	—
GD521A-1	~ #10212, #10214	~ 105806	#10213, #10215 ~	105807 ~
GD521A-1E	~ #12221	~ 105806	#12222 ~	105807 ~
GD521R-1	~ #10096	~ 4560	(Production stopped)	—
GD523A-1	~ #30107	~ 105806	(Production stopped)	105807 ~
GD523A-1S	~ #30077	~ 105806	(Production stopped)	105807 ~
GD523R-1	~ #30007	~ 4560	(Production stopped)	—
GD525A-1B	(Shipment in component form)	~ 105806	(Shipment in component form)	105807 ~
GD525A-1, -1A, -1C	~ #60169	~ 105806	(Production stopped)	105807 ~
GD605A-5, -5A, -5Y	~ #4804	~ 106116	(Production stopped)	106117 ~
GD611A-1	~ #10681	~ 106116	#10682 ~	106117 ~
GD611R-1	~ #10078	~ 106116	(Production stopped)	106117 ~
GD613R-1	~ #30022	~ 106116	(Production stopped)	106117 ~
GD621A-1	~ #10032	~ 106116	(Production stopped)	106117 ~
GD621R-1	~ #10261	~ 106116	#10262 ~	106117 ~
GD623R-1	~ #30040	~ 106116	(Production stopped)	106117 ~
GD661A-1	~ #10768	~ 106116	#10769 ~	106117 ~
GD655A-5	~ #65774	~ 106116	(Production stopped)	106117 ~
GD613A-1	~ #30001	~ 106116	(Production stopped)	106117 ~
GD623A-1	~ #30509	~ 106116	#30510 ~	106117 ~
GD625A-1, -1A, -1C	~ #60154	~ 106116	(Production stopped)	106117 ~

Applicable machine model	Applicable machine model			
	Machines in the field		Machines being shipped with the modification completed at the factory	
	Serial No. of the machine	Serial No. of the transmission	Serial No. of the machine	Serial No. of the transmission
GD663A-1	~ #30001	~ 106116	(Production stopped)	106117 ~
GD705A-3, -3A	~ #10030	~ 2232	(Production stopped)	—
GD705A-4	~ #23275, #23277	~ 103002	#23276, #23278 ~	103003 ~
GD705A-4A, -4Y	~ #13198	~ 103002	#13199 ~	103003 ~
GD705A-4C	~ #31071	~ 103002	(Production stopped)	103003 ~
GD705A-4D	No production record	~ 103002	No production record	103003 ~
GD705A-4H	No production record	~ 2771	No production record	—
GD705A-4S	No production record	~ 103002	No production record	103003 ~
GD705AEM-4	No production record	~ 103002	No production record	103003 ~
GD725A-1	~ #50014	~ 103002	(Production stopped)	103003 ~
GD805A-1	~ #10007	~ 1398	(Production stopped)	—
GD825-2AT	No production record	~ 1235	No production record	—
GD825A-1	~ #10108	~ 1398	(Production stopped)	—
GD825A-1D	~ #10155	~ 1398	(Production stopped)	—
GD825A-2	~ #12124	~ 101430	#12125 ~	101431 ~
GH320-1	~ #10019	~ 103002	(Production stopped)	103003 ~
GH320-2	~ #12076	~ 103002	#12077 ~	103003 ~

Part No.	Part Name	Q'ty	Remarks
23A-15-12321 (23A-15-12320)	Carrier (Carrier)	1 (1)	Applicable to the transmission on the GD500 Series machines
23B-15-12361 (23B-15-12360)	Carrier (Carrier)	1 (1)	Applicable to the transmission on the GD600 Series machines
234-15-22341 (234-15-22340)	Carrier (Carrier)	1 (1)	Applicable to the transmission on the GD700 & GD800 Series machines

<https://hespareparts.com/>

3. Details of the modification

3-1. In case of the GD500 Series machines

The material of the F. carrier (A) has been changed to strengthen the structure.

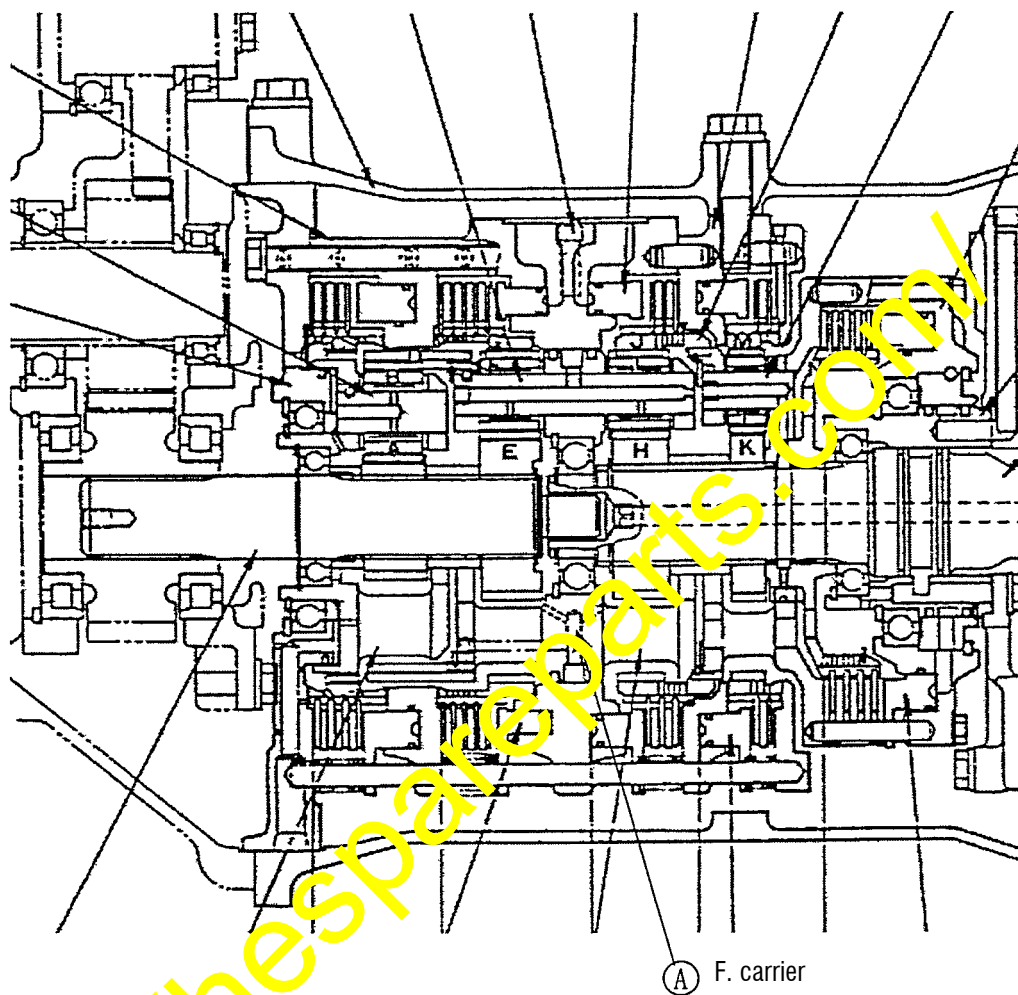


Fig. 1

Identification

An identification groove is being made here.

	Part No.	Identification groove
New carrier	23A-15-12321	1 groove
Current carrier	23A-15-12320	No groove

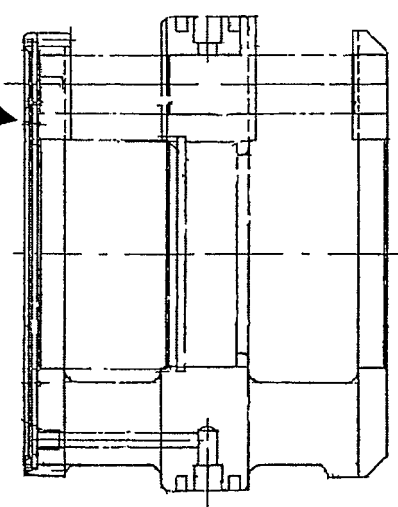


Fig. 2

Modification procedure

Refer to the Chapter "Disassembly and Assembly" in the Shop Manual.

3-2. In case of the GD600 Series machines

The material of the 2nd carrier (B) has been changed to strengthen the structure.

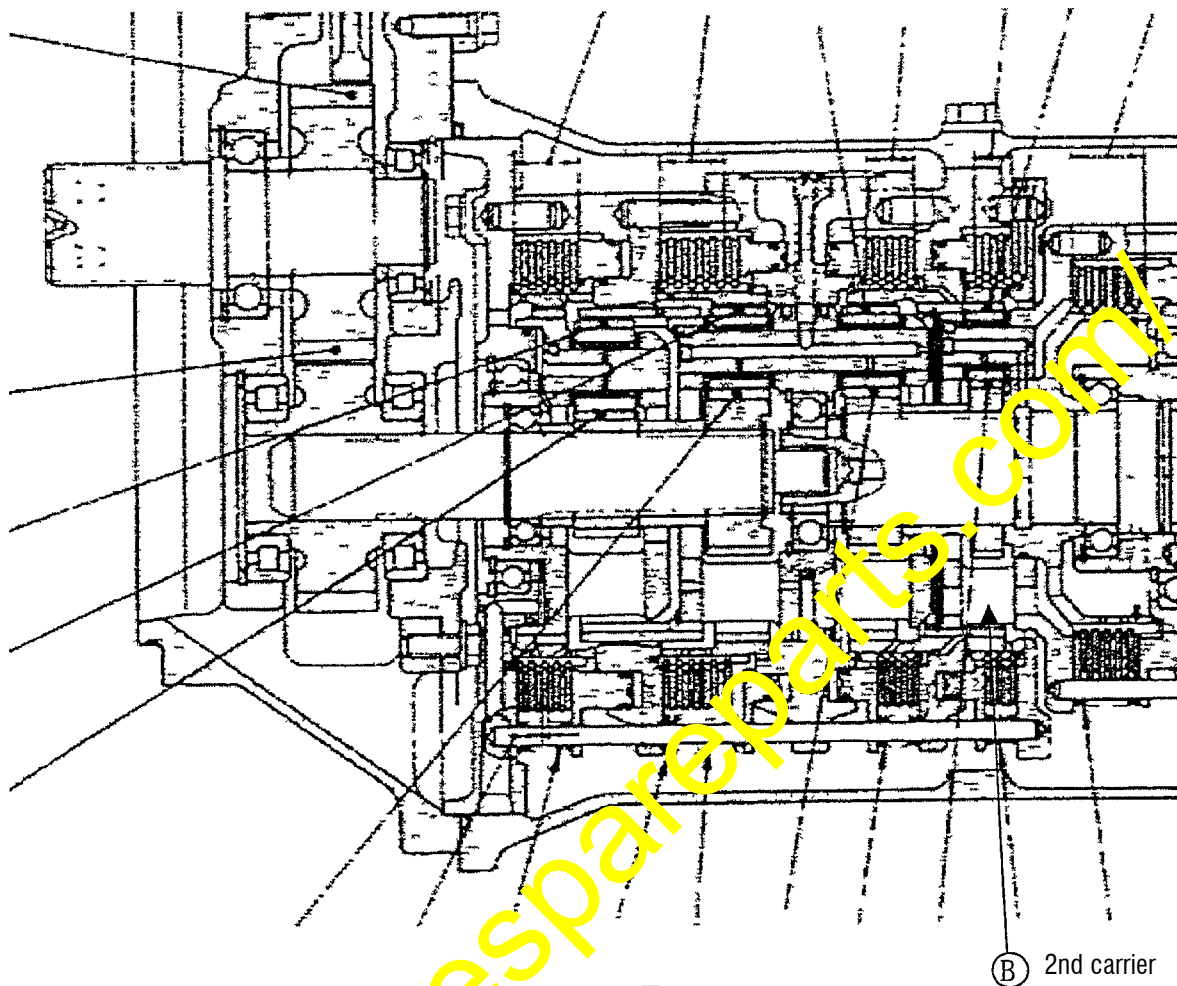


Fig. 3

Identification

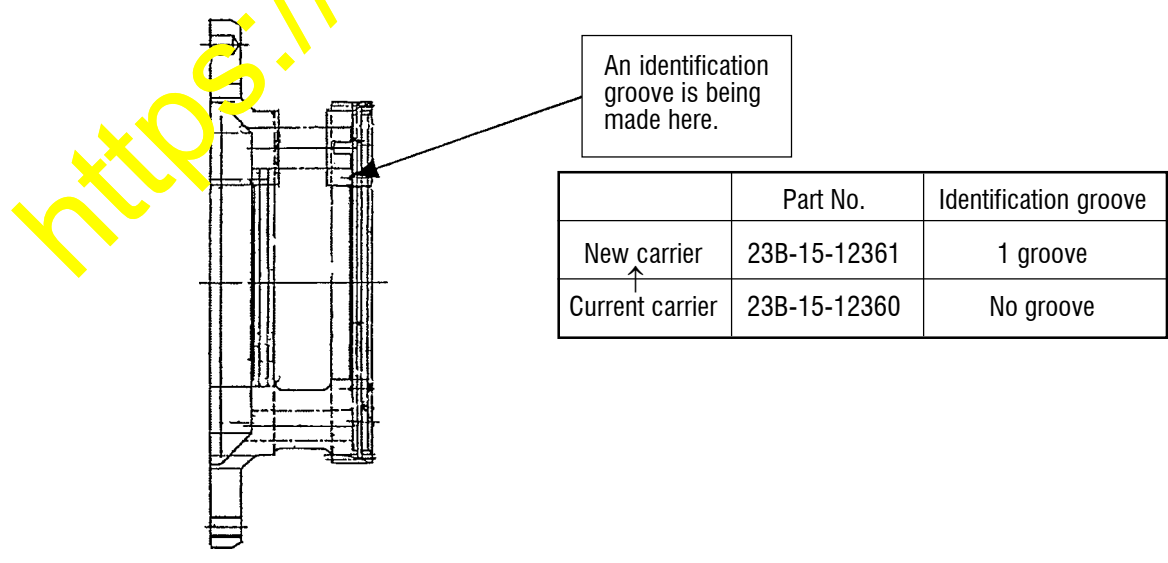


Fig. 4

	Part No.	Identification groove
New carrier	23B-15-12361	1 groove
Current carrier	23B-15-12360	No groove

Modification procedure

Refer to the Chapter "Disassembly and Assembly" in the Shop Manual.

3-3. In case of the GD700 & GD800 Series machines

The material of the 2nd carrier © has been changed to strengthen the structure.

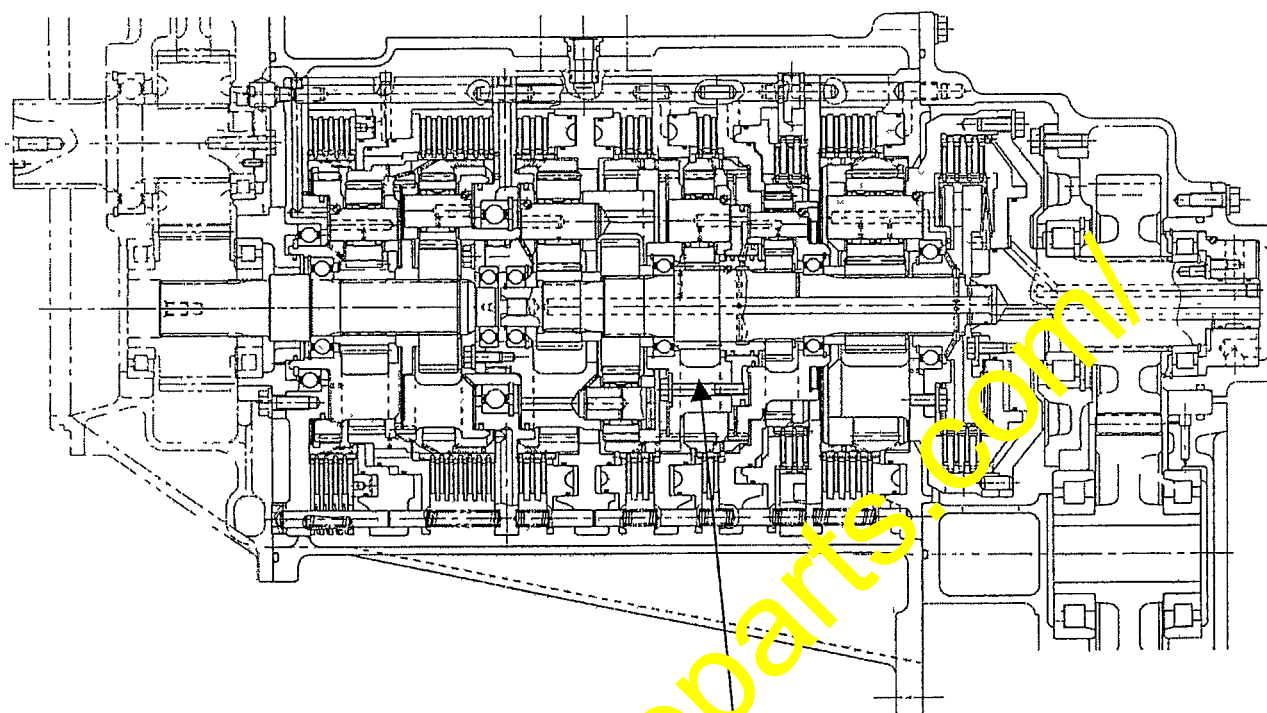


Fig. 5 © 2nd carrier

Identification

	Part No.	Identification groove
New carrier	234-15-22341	1 groove
Current carrier	234-15-22340	No groove

An identification groove is being made here.

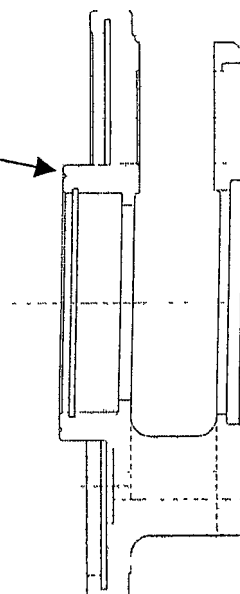


Fig. 6

Modification procedure

Refer to the Chapter "Disassembly and Assembly" in the Shop Manual.