

PARTS & SERVICE NEWS

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SUBJECT: PREVENTION OF FLYWHEEL HOUSING PLUG FROM FALLING OUT ON GD555, 655, 675-3C

PURPOSE: To introduce modification procedure to prevent falling off of the blank plug on the engine flywheel housing on GD555-3C, GD655-3C and GD675-3C motor graders

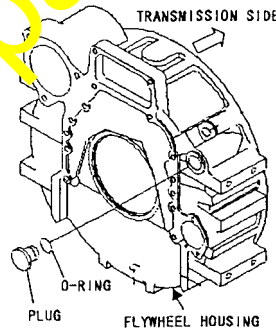
APPLICATION: GD555-3C Motor Graders, Serial Nos. 50001 thru 50029
(Total: 29 machines)
GD655-3C Motor Graders, Serial Nos. 50001 thru 50081
(Total: 81 machines)
GD675-3C Motor Graders, Serial Nos. 50001 thru 50017
(Total: 17 machines)

FAILURE CODE: A27JMQ

DESCRIPTION:

1. Introduction

Since the blank plug for the barring tool hole of the engine flywheel housing on the GD555-3C, GD655-3C and GD675-3C motor graders may fall off to cause leakage of the transmission oil, implement the modification being introduced in this Service News to prevent occurrence of the trouble.



2. List of parts

Part No.	Part Name	Purpose of part	Q'ty	Remarks
6732-21-4161 (6732-21-4160)	O-ring (O-ring)	Replacement	1 (1)	GD555-3C, GD655-3C, GD675-3C
23A-02-36220	Plate	} Addition	1	GD555-3C
23B-02-36220	Plate		1	GD655-3C, GD675-3C

3. Contents of the improvement

No.	Reason	Contents	Part number		Part name	Applicable machine model
			Current	New		
1	To prevent deterioration of the strained force of the O-ring by heat	Improvement of the thermal resistance (100 → 140 °C)	6732-21-4160	6732-21-4161	O-ring	GD555-3 GD655-3 GD675-3
2	To prevent falling off of the plug	Addition of the stopper plate	-----	23A-02-36220	Plate	GD555-3
			-----	23B-02-36220	Plate	GD655-3 GD675-3

4. Modification procedure

- (1) Replace the O-ring. (6732-21-4160 → 6732-21-4161)
- (2) Add the plate. [23A-02-36220 for GD555-3
23B-02-36220 for GD655-3C, GD675-3C]
- (3) In case the plug has been lost:
 - ① Order a new plug (6732-21-4150) and install it.
 - ② Since there is a possibility of occurrence of leakage of the transmission oil, check the oil level and add the oil if in short.
Refer to the Operation and Maintenance Manual regarding the oil level inspection procedure.

