

**PARTS & SERVICE  
NEWS**

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**SUBJECT:** INTRODUCTION OF IMPROVED CONTROLLER FOR DETECTION LOGIC OF THE NON-FORCE FEED ERRORS ON 125, 140 CRI ENGINES

**PURPOSE:** To introduce the improved controller for detection logic of the non-force feed errors on 125, 140 CRI engines

**APPLICATION:**  $\phi$ 140 CRI engines and  $\phi$ 125 CRI engines

**FAILURE CODE:** C346MB

**DESCRIPTION:****1. Introduction**

As for the CRI engines ( $\phi$ 140 and  $\phi$ 125 engines), the controller, on which the detection logic of the non-force feed errors has been improved, was set. Therefore, they are introduced.

**2. List of parts**

No.	Part No.	Part Name	Purpose of parts	Q'ty	Remarks
1	7872-10-4106 (7872-10-4105)	Controller (Controller)	Replacement	1 (1)	PC600-6/PC750-6
2	7872-20-4203 (7872-20-4202)	Controller (Controller)	Replacement	1 (1)	PC1800-6
3	7872-10-5206 (7872-10-5205)	Controller (Controller)	Replacement	1 (1)	WA500-3
4	7872-10-3107 (7872-10-3106)	Controller (Controller)	Replacement	1 (1)	D155AX-5
5	7872-20-3202 (7872-10-2301)	Controller (Controller)	Replacement	1 (1)	D275AX-5
6	7872-10-2305 (7872-10-2304)	Controller (Controller)	Replacement	1 (1)	HD325-6
7	7872-10-2104 (7872-10-2103)	Controller (Controller)	Replacement	1 (1)	HM400-1/HM350-6
8	7872-20-5105 (7872-20-5104)	Controller (Controller)	Replacement	1 (1)	WA470-5/WA480-5
9	7872-20-3401 (7872-20-3400)	Controller (Controller)	Replacement	1 (1)	D65EX-15/D85EX-15
10	7872-10-2203 (7872-10-2202)	Controller (Controller)	Replacement	1 (1)	HM300-1

### 3. Improved contents

As for the CRI engines ( $\phi 140$  and  $\phi 125$  engines), the controller, on which the detection logic of the non-force feed errors (First step) has been improved, was set. Therefore, they are introduced.

#### Improved points

Changing the issuing logic for the non-force feed errors (First step)

By changing the judging time, which issues the non-force feed errors (First step), the excessive issue is avoided. Therefore, the detection is optimized. In addition, when issuing an error, the output delation is changed to the minimum.

As for the second step of the non-force feed errors, the output delation is the same as the conventional one, and the quick action can be kept against the abnormality of the injection group parts.

#### Error codes and Part Nos. list for the non-force feed errors (First step)

	Model	Non-force feed error indication		Applicable controller Part No.	Remarks
		Controller	Monitor		
$\phi 140$	PC600-6	7b	97b	7872-10-4106 ~	CRI-A
	PC750-6				
	PC600-7		AD10L3	7872-20-4400 ~	CRI-D
	PC750-7				
	PC1800-6				
	WA500-3		91	7872-10-5206 ~	CRI-A
	D155AX-5		0483	7872-10-3107 ~	CRI-A
	D275AX-5		AD10L3	7872-20-3202 ~	CRI-D
	HD325-5		C07b	7872-10-2305 ~	CRI-A
	HM400-1		AD10L3	7872-10-2104 ~	CRI-A
	HM350-1				
VA470-5					
$\phi 125$	VA480-5	AD10L3	7872-20-5105 ~	CRI-D	
	D65EX-15				
	D85EX-15				
	PC400-7				
	7872-20-4300 ~				CRI-D
	HM300-1				7872-10-2203 ~

End