

# PARTS & SERVICE NEWS

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**SUBJECT:** WHITE CONTROLLER AND SOFTWARE FOR HPI ENGINE (SA(A)6D170E-3 ENGINE WHICH SATISFIES 2ND EMISSION CONTROL REGULATIONS)

**PURPOSE:** To introduce spare controller and applicable software for the SA(A)6D170E-3 engines (engines passing the secondary emission control regulations).  
(HPI engine controller)

**APPLICATION:** SA(A)6D170E-3, All machines

**FAILURE CODE:** DA00Z9

## DESCRIPTION:

### 1. Introduction

This Service News will introduce a spare controller (white controller) and applicable software for the SA(A)6D170E-3 engines (engines passing the secondary emission control regulations).

- ★ White controller means the controller body into which programs (software) have not yet been installed. By installation of the software, the white controller can be used as the spare controller for respective machine models.
- ★ The aforementioned installation work can only be carried out by engineers who have been qualified for the installation work and acquired the ID number.  
(Refer to Section 3 of this Service News regarding the installation procedure.)

## 2. List of parts

Part No.	Part Name	Q'ty	Remarks
6560-62-1100	Controller		WA700-3E
6560-01-1510	Disk		(Also available as 6560-61-1800)
6560-62-1100	Controller		PC1250-7
6560-01-1520	Disk		(Also available as 6560-61-1700)
6560-62-1100	Controller		D375A-5
6560-01-1530	Disk		(Also available as 6560-61-1501)
6560-62-1100	Controller		D375A-5 (High altitude spec.)
6560-01-1540	Disk		(Also available as 6560-61-1511)
6560-62-1100	Controller		HD465-7, HD605-7
6560-01-1550	Disk		(Also available as 6560-61-1601)
6560-62-1100	Controller		WA700-3E
6560-01-1560	Disk		(Also available as 6560-61-1203)
6560-62-1100	Controller		WA600-3E(EU)
6560-01-1570	Disk		(Also available as 6560-61-1210)
6560-62-1100	Controller		WA600-AC-3
6560-01-1580	Disk		(Also available as 6560-61-1220)
6560-62-1100	Controller		WD600-3
6560-01-1590	Disk		(Also available as 6560-61-1900)

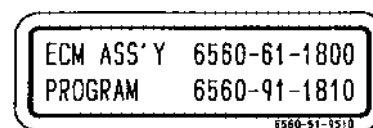
### 3. Table of part numbers

#### (1) Part number of the spare disk (calibration data) for each machine model

Machine model	①	②	※	③
	Part No. of the controller Controller to which data have been installed	Part number of the disk	ECM code No.	White controller
WA700-3E	6560-61-1800	6560-01-1510	D00003	6560-62-1100
PC1250-7	6560-61-1700	6560-01-1520	D00004	6560-62-1100
D375A-5	6560-61-1501	6560-01-1530	D00000	6560-62-1100
D375A-5 (High altitude spec.)	6560-61-1511	6560-01-1540	D00001	6560-62-1100
HD465-7, HD605-7	6560-61-1601	6560-01-1550	D00005	6560-62-1100
WA600-3E	6560-61-1203	6560-01-1560	D00002	6560-62-1100
WA600-3E (EU)	6560-61-1210	6560-01-1570	D00007	6560-62-1100
WA600-AC-3	6560-61-1220	6560-01-1580	D00008	6560-62-1100
WD600	6560-61-1900	6560-01-1590	D00009	6560-62-1100

- The above ① are the white controllers to which programs have been installed and to which the program part number seal has been stuck.
- The above ② are the disks storing the program and the program part number seal. (Refer to the example at the right.)

Regarding the program part number seal, stick it onto the white controller after changing the part number.



An example of the program part number seal

- Refer to the next page regarding the sketch drawing of the white controller ③.
- The code numbers marked ※ are the code numbers which will become necessary in the calibration procedure.  
For details, refer to the "Service Policy Procedure Manual" as per Section 3 (1).
- The spare controller can be ordered by either ① or ② + ③.

#### 4. Term of validity of the disk

- (1) The term of validity of the disk is for 180 days after the issuance date (released date). The disk will become invalid after the above validity.
- (2) Therefore, order (EO) for the disk each time when it becomes necessary.
- (3) Also, do not carry the disks as spare stock.
- (4) Leadtime for the shipment after receiving the order of the disk will be within 24 hours.

#### 5. Software installation procedure

- (1) Regarding the operation and regulation, refer to the separately issued "Service Policy Procedure Manual (SEKA2506)".
- (2) Regarding the installation procedure, refer to the PARTS & SERVICE PERATION TIPS (SEKN5034) or Cummins Virtual College (Bulletin no. 3898977) being issued separately.

Sketch drawing of the white controller

