



Technical Service Bulletin

Technical Service Bulletin: TSB230069

Released Date: 01-Nov-2023

Rental Generator Sets Short Shipped DEF Level Gauge and Hour Meter Kit

Rental Generator Sets Short Shipped DEF Level Gauge and Hour Meter Kit

Warranty Statement

The information in this document authorizes specific changes to the repair practice for failures covered under product warranty coverages.

Contents

Product Affected

- C100D2RE (Spec D)
- C200D2RE (Spec G)
- C275D2RE (Spec F)

Issue

Some units were approved by customer short shipped the DEF level gauge and hour meter.

Verification/Confirmation

Verify your serial number is listed below in Table 1.

Table 1, Affected Generator Set Serial Number

J220155815	J220158163	K220163290	J220155819
J220156152	J220158164	J220162677	J220159289
J220156153	J220158708	J220162678	J220159290
J220156154	J220158709	J220162679	J220159291
J220156155	J220158710	J220162680	J220159332
J220156156	J220158711	J220162681	J220159654
J220156302	J220159132	J220162682	J220159722
J220156303	J220159335	J220162685	J220159723

Table 1, Affected Generator Set Serial Number			
J220156299	J220159336	J220162674	J220159724
J220156300	J220159337	J220162675	J220162718
J220156754	J220159338	J220162676	J220162720
J220156755	J220159718	J220162683	J220155434
J220156756	J220161834	J220162684	J220162717
J220156757	J220161835	J220155437	
J220156724	K220163286	J220155438	
J220158160	K220163287	J220155816	
J220158161	K220163288	J220155817	
J220158162	K220163289	J220155818	

Resolution

If the unit serial number is listed in Table 1, email AJ206@cummins.com to have a DEF level gauge and hour meter kit sent to repair location.

In the email request include the following.

- Customer name
- Shipping address
- Generator set serial number(s)
- Include this TSB number and title

Service Instructions

Note: A copy of kit instructions are included in the kit.

1. Kit installation for **C100D2RE** generator sets.

1 a. Remove the 3 bolts and open the control panel.

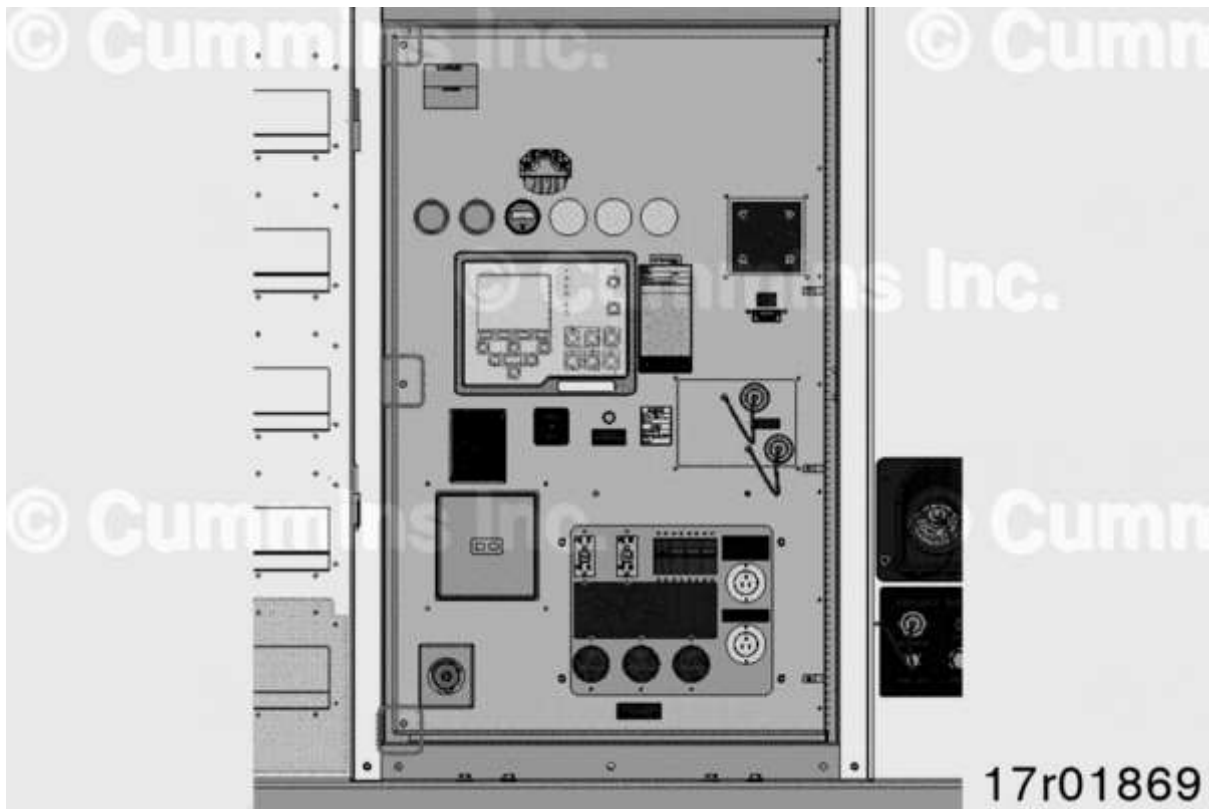


Figure 1, Control Panel Bolt Location C100D2RE

- 1 b. Remove plastic caps before installing hour meter and DEF level gauge.
- 1 c. Install the DEF level gauge into the panel. Hand tighten the retaining ring.
- 1 d. Install the hour meter into the panel. Torque nuts to 1.5N-m (13.2 In-lbs).

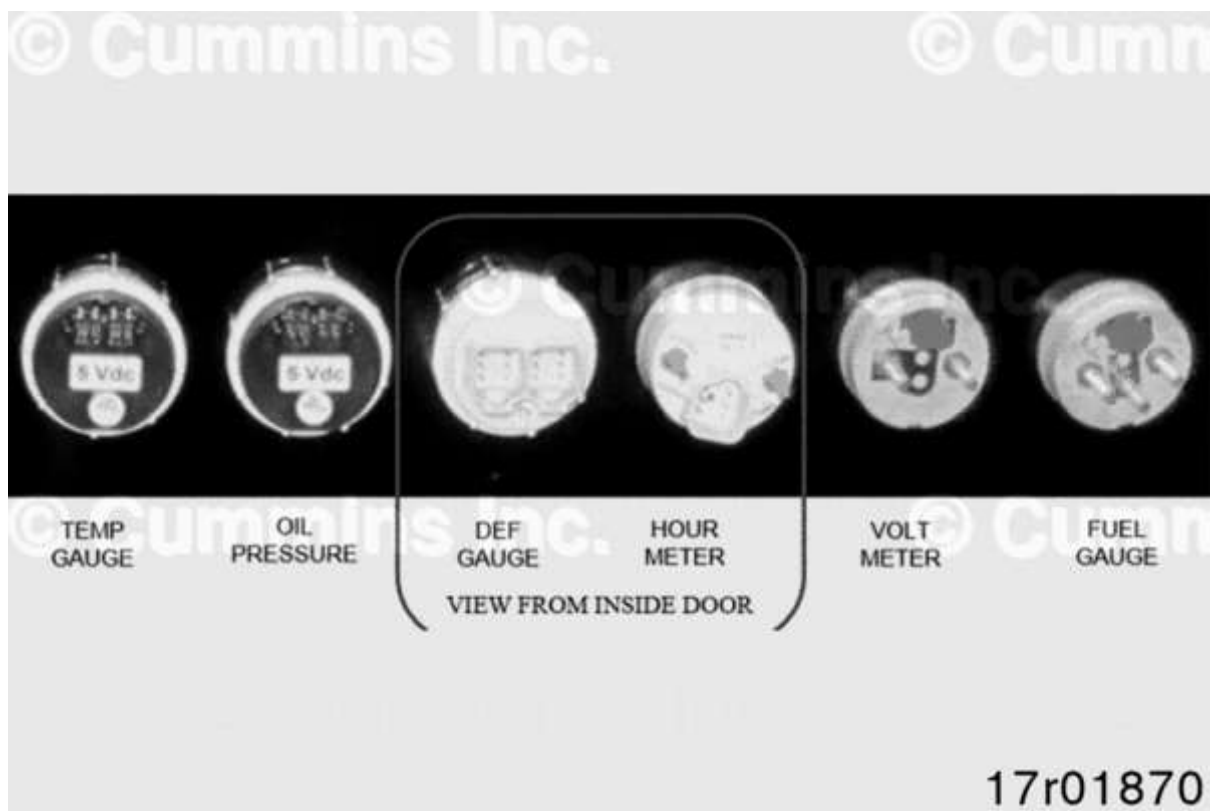
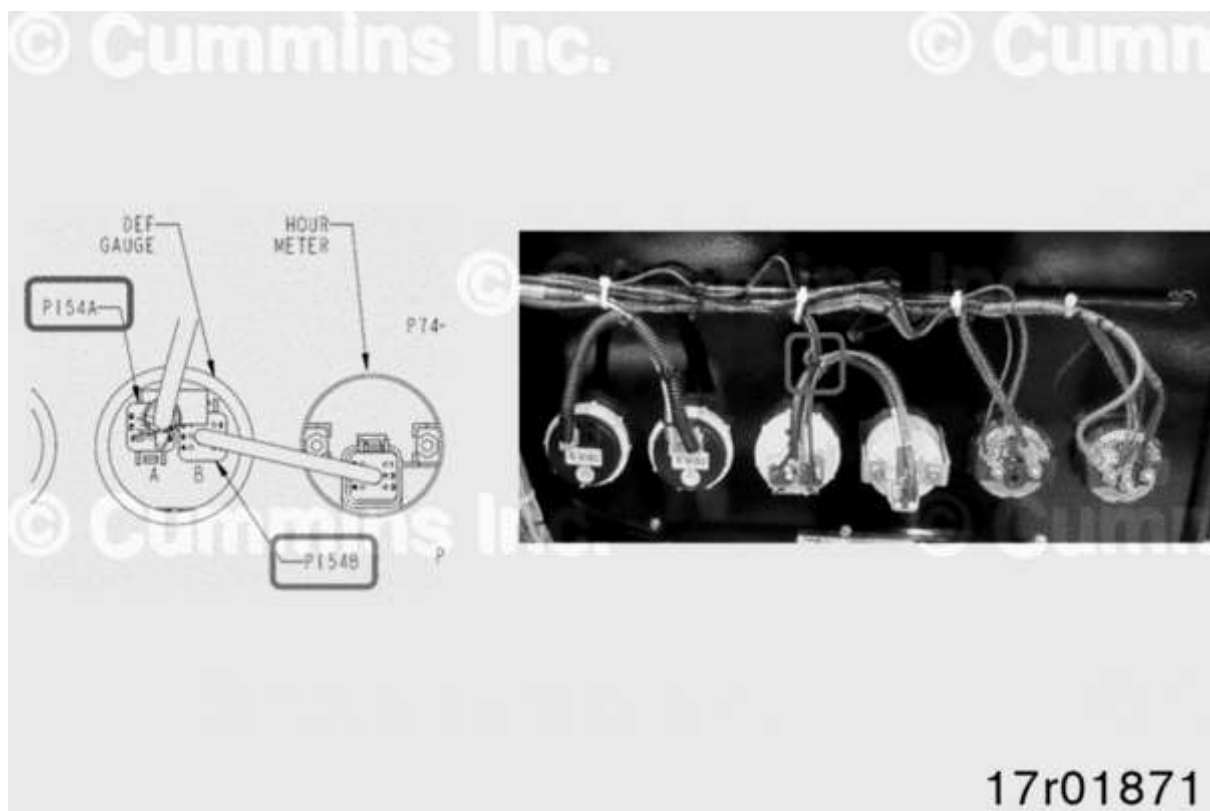


Figure 2, DEF Gauge and Hour Meter Installation Locations C100D2RE

1 e. Remove cable tie securing P154A connector to main wiring harness above gauge cluster and connect to DEF level gauge at location 'A' (red box in Figure 3).

1 f. Using supplied jumper harness, connect DEF gauge location 'B' (blue box in Figure 3) to hour meter. Secure jumper to main harness with cable tie (green box in Figure 3).



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Figure 3, DEF Gauge and Hour Meter Wiring Installation C100D2RE

- 1 g. Close control panel and reinstall the 3 bolts. Torque to 10.9N-m (8 ft-lbs).
- 1 h. End of installation.
2. Kit installation for **C200D2RE/C275D2RE** generator sets.
 - 2 a. Remove the 2 bolts and open the control panel.



Figure 4, Control Panel Bolt Location C200D2RE/C275D2RE

2 b. Remove plastic caps before installing hour meter and DEF level gauge.

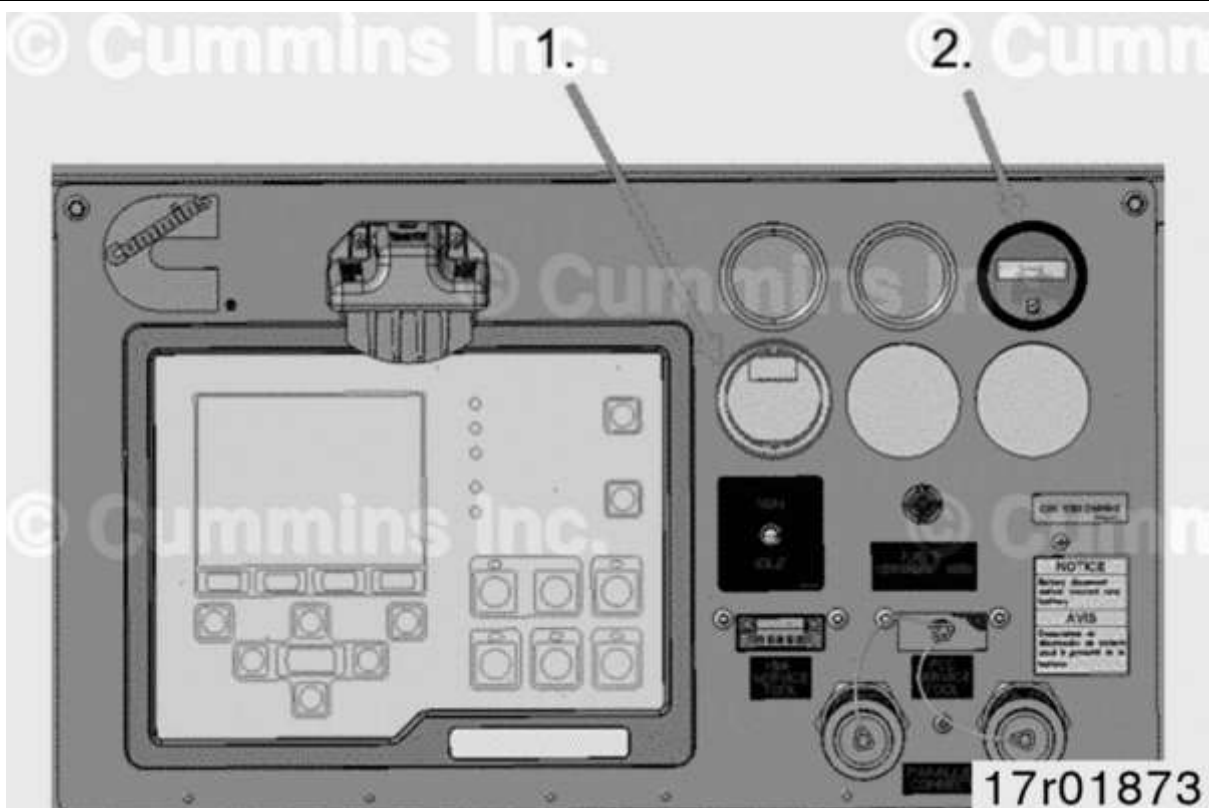


Figure 5, DEF Gauge and Hour Meter Installation Locations C200D2RE/C275D2RE

- 2 c. Install the DEF level gauge into the panel (location 1). Hand tighten the retaining ring.
- 2 d. Install the hour meter into the panel (location 2). Torque nuts to 1.5 N-m (13.2 In-lbs).
- 2 e. Remove cable tie securing P154A connector to main wiring harness above gauge cluster and connect to DEF level gauge at location 'A' (red box in Figure 6).
- 2 f. Using supplied jumper harness (blue line in Figure 6), connect DEF gauge location 'B' (blue box in Figure 6) to hour meter. Secure jumper to main harness with cable tie.

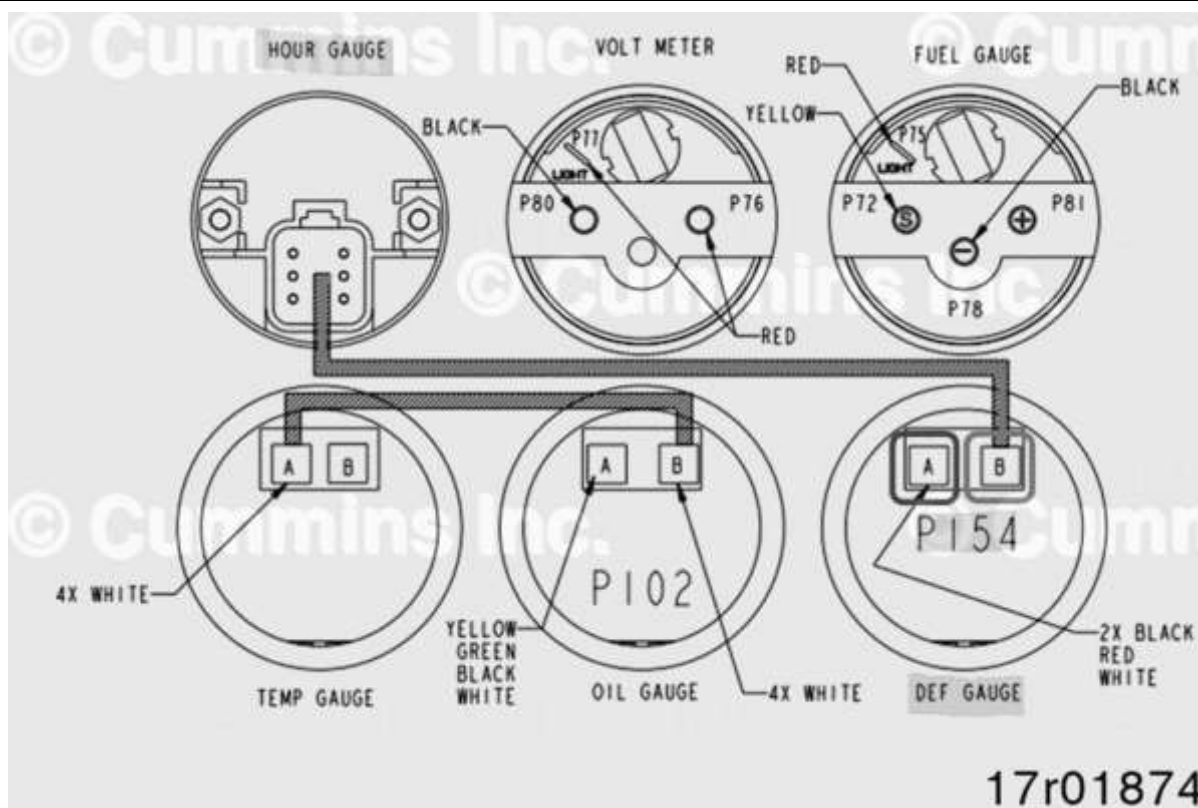


Figure 6, DEF Gauge and Hour Meter Wiring Installation C200D2RE/C275D2RE

- 2 g. Close control panel and reinstall the 3 bolts. Torque to 10.9N-m (8 ft-lbs).
- 2 h. End of installation.

Claim Filing Instructions

In claim description please include include "GSR NO LATE PENALTY, Rental short ship DEF gauge for TSB230069" or payment amount could be reduced.

Account Code: **96**

Applicable SRT's:

- 00-90F: 0.2 hours- Administrative time
- 99-999: 1.0 hours- Install DEF level gauge and hour meter Kit

Document History

Date	Details
2023-3-24	Module Created
2023-10-13	Non-Product Problem Solving (PPS)

Last Modified: 01-Nov-2023
