


QUICK REFERENCE CARD

Cat® Regeneration System
(7L to 18L engines)

REGENERATION LAMPS

Lamps	Event	Operator Action
	Active regen in process	<ul style="list-style-type: none"> • No action required
	Active regen needed	<ul style="list-style-type: none"> • Make sure Regen Switch is in Automatic position (middle), not Disabled position (bottom)
	Warning: Active regen required	<ul style="list-style-type: none"> • Stop machine • Put transmission in neutral • Apply parking brake • Press and hold top position of Regen Switch for at least 2 seconds
	Warning: Active regen required within 10 minutes	<ul style="list-style-type: none"> • Stop machine • Put transmission in neutral • Apply parking brake • Press and hold top position of Regen Switch for at least 2 seconds
	Active regen disabled	<p>To reenable system:</p> <ul style="list-style-type: none"> • Cycle engine start switch key OR • Press and hold top position of Regen Switch for at least 2 seconds

ULTRA LOW SULFUR FUEL ONLY



CAT® DEO-ULS™

API CJ-4
ACEA E9

This machine requires **Ultra Low Sulfur Diesel fuel** (≤15 ppm or mg/kg) and **low-ash oil** (Cat ECF-3 spec - API CJ-4 and ACEA E9).

⚠ WARNING

DO NOT OPERATE OR WORK ON THIS EQUIPMENT UNLESS YOU HAVE READ AND UNDERSTAND THE INSTRUCTIONS AND WARNINGS IN THE OPERATION AND MAINTENANCE MANUALS. FAILURE TO FOLLOW THE INSTRUCTIONS OR HEED THE WARNINGS COULD RESULT IN INJURY OR DEATH. CONTACT ANY CATERPILLAR DEALER FOR REPLACEMENT MANUALS. PROPER CARE IS YOUR RESPONSIBILITY.




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OTHER ACTIONS

To FORCE a regeneration:

1. Stop machine
2. Put transmission in neutral



Soot Level Monitor

3. Check soot level monitor to make sure DPF is at least 15% full



Parking Brake

4. Apply parking brake



Regen Switch

5. Press and hold top position of the Regen Switch for a minimum of 2 seconds

To DISABLE a regeneration:



Regen Switch

Press and hold bottom position of the Regen Switch for a minimum of 2 seconds

REGENERATION FUNDAMENTALS

- Always operate the system in **Automatic mode** if the machine is so equipped
- The system monitors soot levels in the Diesel Particulate Filter (DPF) and automatically initiates regeneration when conditions are optimal. **The operator does not have to do anything to initiate regeneration.**
- The **operator can interrupt regeneration** at any time by returning to work
- Regenerating during normal idle times throughout the shift is sufficient to continue **uninterrupted operation**
- The system **may regenerate during operation** if necessary, but the operator does not have to take any action
- Regeneration can always be **initiated manually by the operator** if the soot level in the DPF is at least 15 percent

QUESTIONS?

Contact us today at 480-308-9150!

