



Operation

Diesel Particulate Filter Regeneration

Parked Regeneration

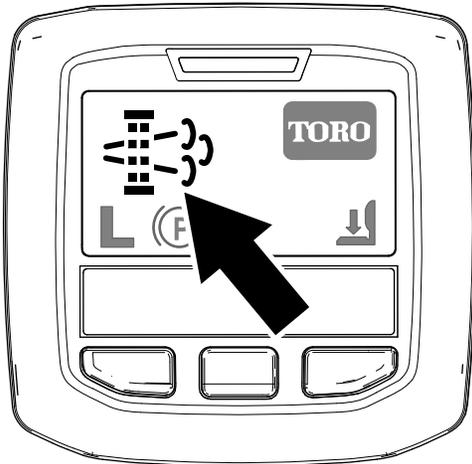


Figure 1

Parked-regeneration request icon

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- The parked-regeneration requested icon displays in the InfoCenter (Figure 1).
- If a parked regeneration is needed, the InfoCenter displays engine warning SPN 3719, FMI 16 (Figure 2) and the engine computer derates engine power to 85%.

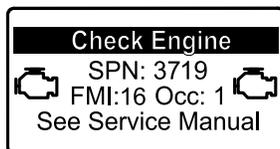


Figure 2

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Important: If you do not complete a parked regeneration within 2 hours, the engine computer derates engine power to 50%.

- A parked regeneration requires 30 to 60 minutes to complete.
- If you are authorized by your company, you need the PIN code to perform the parked-regeneration process.

Preparing to Perform a Parked or Recovery Regeneration

1. Ensure that the machine has at least 1/4 tank of fuel.
2. Move the machine outside to an area away from combustible materials.
3. Park the machine on a level surface.
4. Ensure that the traction control or motion-control levers are in the NEUTRAL position.
5. If applicable, lower the cutting units and shut them off.
6. Engage the parking brake.
7. Set the throttle to the low IDLE position.

Performing a Parked Regeneration

Note: For instructions on unlocking protected menus, refer to (page).

1. Access the protected menu and unlock the protected settings submenu (Figure 3); refer to (page).

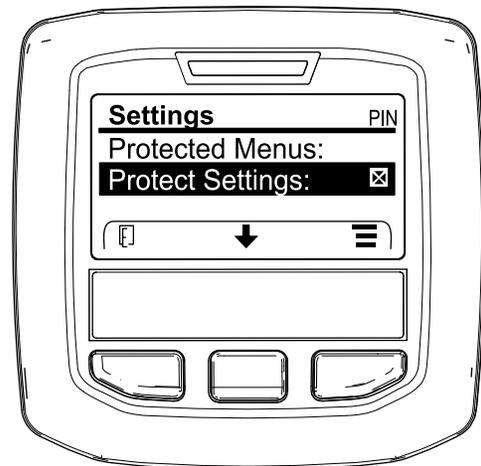


Figure 3

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2. Navigate to the MAIN MENU, press the center button to scroll down to the SERVICE MENU, and press the right button to select the SERVICE option (Figure 4).

Note: The InfoCenter should display the PIN indicator in the upper right corner of the display.



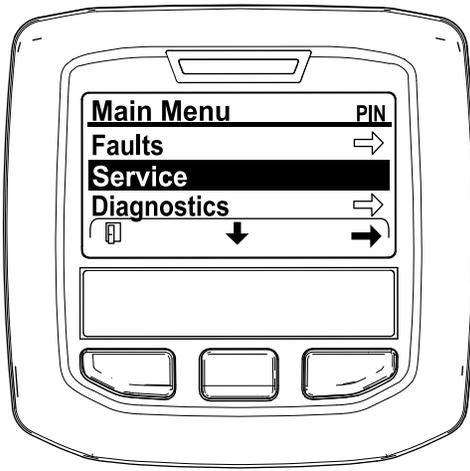


Figure 4

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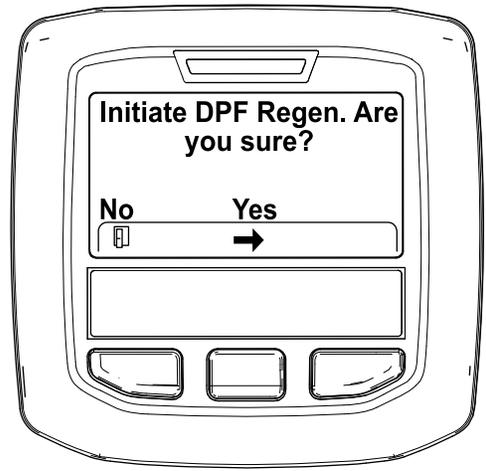


Figure 6

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3. In the SERVICE MENU, press the middle button until the DPF REGENERATION options displays, and press the right button to select the DPF REGENERATION option (Figure 5).

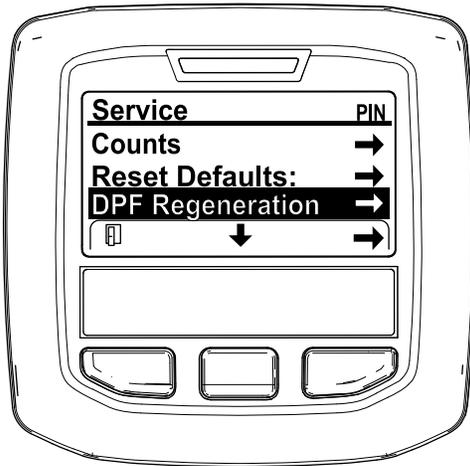


Figure 5

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5. If the coolant temperature is below 60°C (140°F) the “Insure  is running and above 60C/140F” message displays. (Figure 7).

Observe the temperature in the display, and run the machine at full throttle until the temperature reaches 60°C (140°F), then press the center button.

Note: If the coolant temperature is above 60°C (140°F) this screen is skipped.



Figure 7

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4. When the “Initiate DPF Regen. Are you sure?” message displays, press the center button (Figure 6).

6. Move the throttle control to LOW IDLE and press the center button (Figure 8).

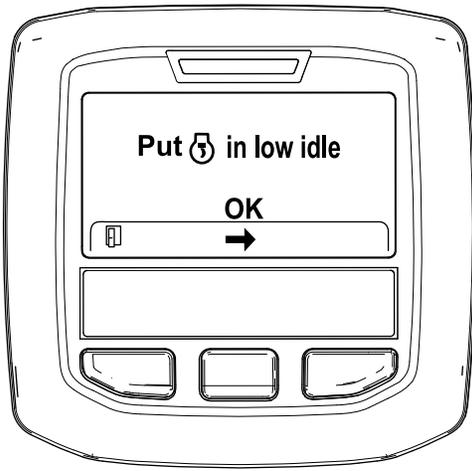


Figure 8

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Figure 10

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7. The following messages display as the parked regeneration process begins:

A. The “Initiating DPF Regen.” message displays (Figure 9).

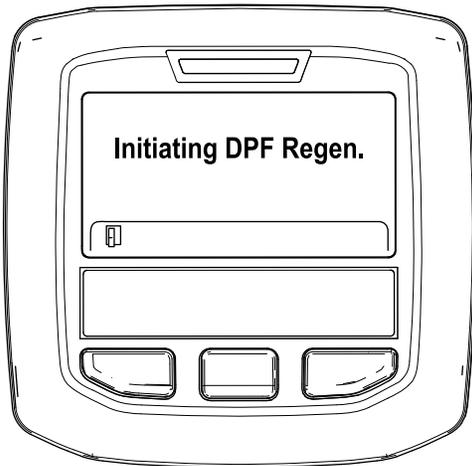


Figure 9

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B. The “Waiting on [DPF icon]” message displays (Figure 10).

C. The computer determines whether the regeneration runs. One of the following messages displays in the InfoCenter:

- If the regeneration is allowed, the “Regen Initiated. Allow up to 30 minutes for completion” message displays in the InfoCenter, wait for the machine to complete the parked regeneration process (Figure 11).

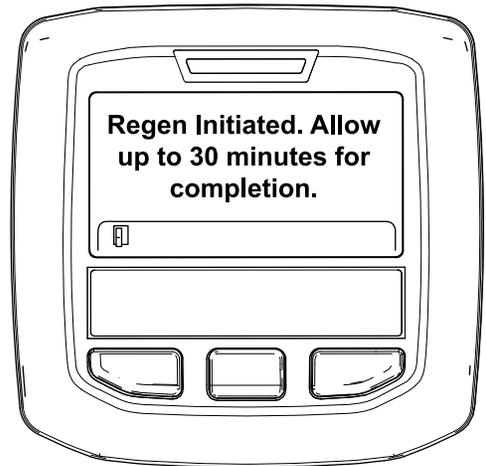


Figure 11

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- If the regeneration process is not allowed by the engine computer, the “DPF Regen Not Allowed” message displays in the InfoCenter (Figure 12). Press the left button to exit to the home screen

Important: If you did not meet all the requirements for regeneration or if less than 50 hours have passed since the last regeneration, the “DPF Regen Not Allowed” message appears.

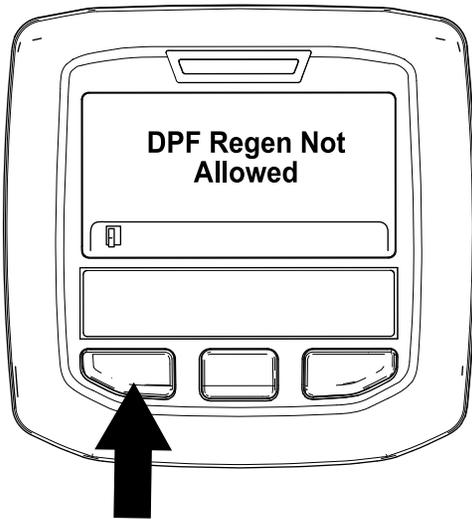


Figure 12

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8. While the regeneration is running, the InfoCenter returns to the home screen and shows the following icons:



The engine is cold—wait.



The engine is warm—wait.



30%

The engine hot—regeneration in progress (percent complete).

9. The parked regeneration is complete when the “Regen Complete” message displays in the InfoCenter. Press the left button to exit to the home screen (Figure 13).

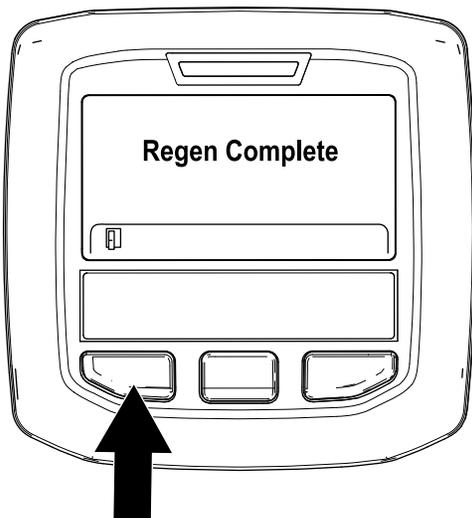


Figure 13

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