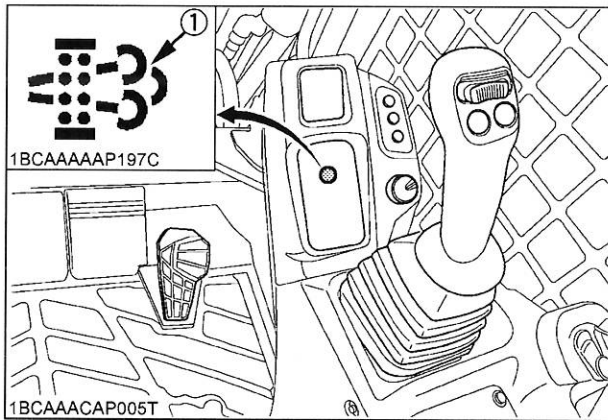


### ■ Diesel Particulate Filter (DPF) regeneration indicator

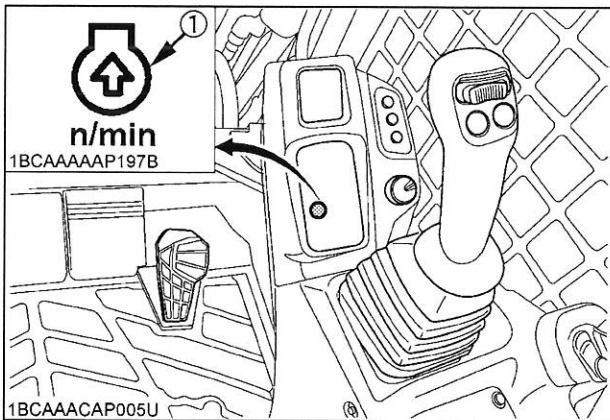
As PM (Particulate Matter) builds up inside the DPF, the DPF regeneration cycle starts automatically to burn away PM. During DPF regeneration, this lamp lights up and stays on and the beep tone keeps sounding to warn the operator.



(1) DPF regeneration indicator

### ■ Engine rev up warning lamp

If the engine rpm is too low to start regeneration, the DPF regeneration indicator lights up and starts blinking. In such case, rev up the engine until this lamp goes out, the regeneration will automatically start.



(1) Engine rev up warning lamp

## EXHAUST AFTERTREATMENT DEVICES

### ■ Catalyst-containing Diesel Particulate Filter (DPF) device

This after-treatment device has two functions: reducing certain emissions, like hydrocarbon (HC) and carbon monoxide (CO), to innocuous carbon dioxide and water, and trapping and elimination PM (Particulate Matter) through the filter at the same time.

Following EPA regulations, it is necessary to service the DPF, such as renewing or cleaning the filter at regular intervals.

Be sure to carefully read this Operator's Manual before using the machine. The machine owner and operator are responsible for handling this device correctly to protect the environment, to prevent damage to the DPF, and to comply with Federal and state regulations. See the Kubota Limited Emissions Warranty for warranty diagnostic and repair parameters for all emissions related parts.

#### ◆ Handling instructions

##### ● Fuel

Be sure to use ULTRA LOW SULFUR FUEL (S15).

Use of other diesel fuel other than this may adversely affect the engine and the emission control device and may damage them.

##### ● Engine oil

Use DPF-compatible engine oil (CJ-4). Any unspecified oil may damage the DPF earlier than expected and lower fuel economy.

#### IMPORTANT :

- If you use different fuel or engine oil, the cleaning interval of the DPF (3000 hours) can't be ensured and the DPF will be clogged in a shorter time than expected.

#### ◆ Prohibited unnecessary idling

Generally speaking, the lower the engine rpm is, the lower the exhaust gas temperature is. It is more difficult to burn PM (Particulate Matter) in the DPF. With this in mind, do not keep the engine idling unnecessarily.

If you leave the machine with the engine running, to protect the DPF the engine can stop automatically.

#### ◆ DPF regeneration system

On the Kubota CTL, the ECU prompts DPF-regeneration cycle. When starting the engine, Auto Regeneration Mode is set by default. When all the conditions are met, regeneration automatically starts, unless the inhibit switch is engaged.