

Quick operation guide

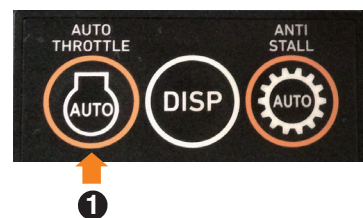
1. Effectively using I-HMT for different types of work (I-HMT functions)

1. Auto throttle



When the AUTO THROTTLE switch (1) is set to ON, the engine speed and travel speed can be controlled with the accelerator/drive pedal.

* The AUTO THROTTLE switch is always ON when the range shift is in 3rd gear.



Pedal status	Engine speed	I-HMT speed
Not pressed	Speed of the accelerator lever position	Creep speed (gear ratio near 0)
Pressed	According to pedal position (Minimum engine speed is set by throttle control lever on dashboard)	According to pedal position (From creep speed to the set speed)

2. A / B mode



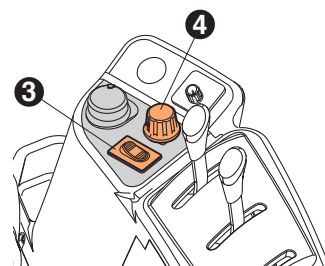
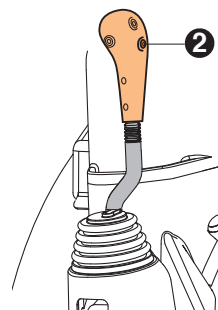
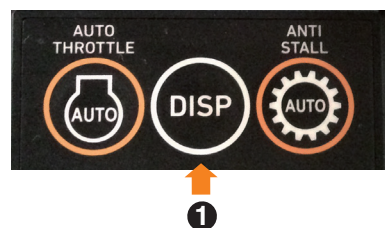
With "A mode" and "B mode", two preset engine speeds and maximum travel speed can be switched between with a single button press.

How to set A/B mode

I : Press the DISP switch (1) until the setting value display is shown on the meter panel.

II : Press the A/B switch (2) to select "A mode" or "B mode".

III : Use the engine speed & vehicle speed switch (3) and the engine speed & vehicle speed setting dial (4) to set the mode.



How to switch between "A mode" and "B mode"

You can switch between "A mode" and "B mode" with each press of A/B switch.

* The mode is locked to "A mode" when the range shift is in 3rd gear.

Quick operation guide

3. Auto cruise



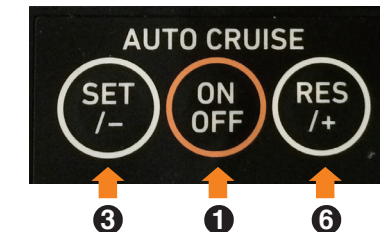
The tractor will travel at a constant speed without the need to continue pressing the accelerator/drive pedal.

How to activate auto cruise

I : Press the AUTO CRUISE ON/OFF switch (1) and the lamp (2) will flash. This is the auto cruise standby status.

II : Move the tractor forward by pressing the accelerator/drive pedal.

III: Press the SET/- switch (3) at the vehicle speed desired and the tractor will maintain that vehicle speed.



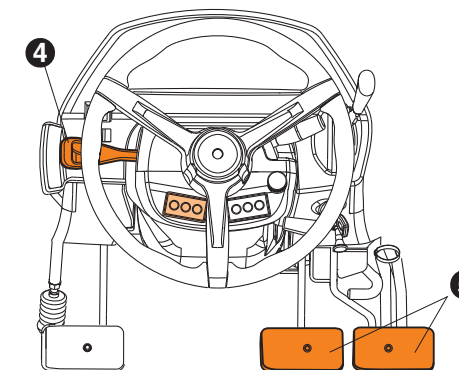
How to deactivate auto cruise

Auto cruise will be deactivated with any of the following operations.

- Setting the reverser lever (4) to N or R
- Pressing the brake (5)
- Pressing the AUTO CRUISE ON/OFF switch (1)

To reactivate the auto cruise status, press the RES/- switch to set the vehicle speed to the previously stored speed.

* To change the vehicle speed with auto cruise on, press Set/- or Res/+ to change speed.



4. Throttle boost



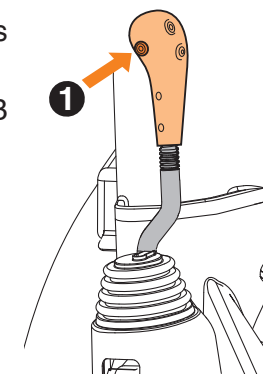
The engine speed is increased to the desired RPM while the throttle boost switch is pressed.

The desired RPM is the engine speed set for the current mode ("A mode" or "B mode").

Press the throttle boost button (1).

- Active while the button is pressed
- The vehicle speed will be constant even though the engine speed increases

* The throttle boost button does not work when the range shift is in 3rd gear.



5. Anti stall



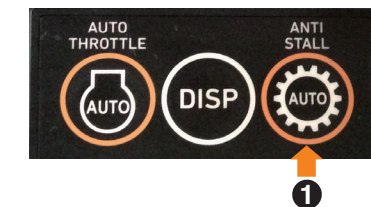
The vehicle speed will be automatically decreased to prevent engine stalling when the engine speed falls due to a load.

How to use anti stall

I : Press the ANTI STALL AUTO switch (1) and the lamp on the meter panel will turn on.

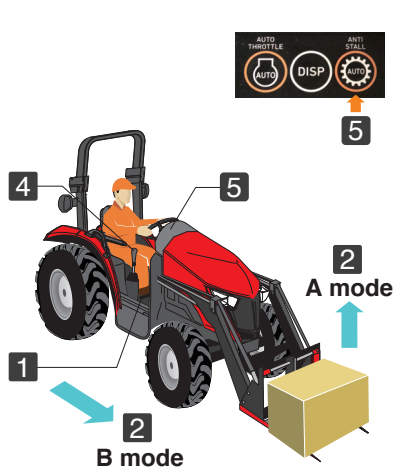
II: When the speed is decreased by anti stall, an arrow (2) will be displayed above the vehicle speed on the meter panel.






When anti stall is activated, the vehicle speed will decrease automatically when engine RPMs decrease due to encountering an increased load on the tractor. Once the engine RPMs recover, the vehicle speed will automatically resume.



2. Examples of using the functions






Transporting loads with the front loader



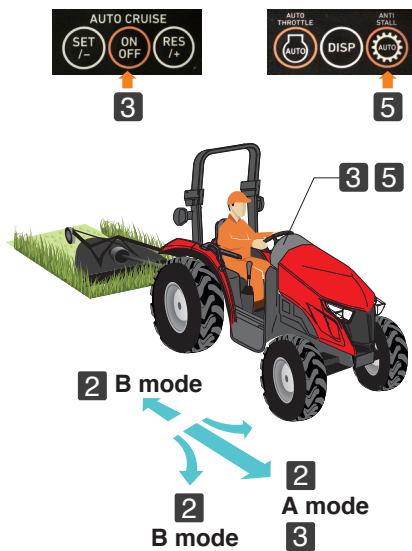
- 1 **Auto throttle**  **ON** The tractor can be operated like an automobile when traveling and transporting loads.
- 2 **A/B mode**  **Use** "A mode" setting: High engine speed and low vehicle speed suited to the work (scooping the load)
"B mode" setting: High engine speed and high vehicle speed suited to the traveling and transporting loads.
- 3 **Auto cruise**  **OFF**
- 4 **Throttle boost**  **Use** Increase the engine speed as necessary when scooping and lifting the load.
- 5 **Anti stall**  **ON** Prevent engine stalls when scooping the load even if the engine speed decreases.






Product application with sprayer



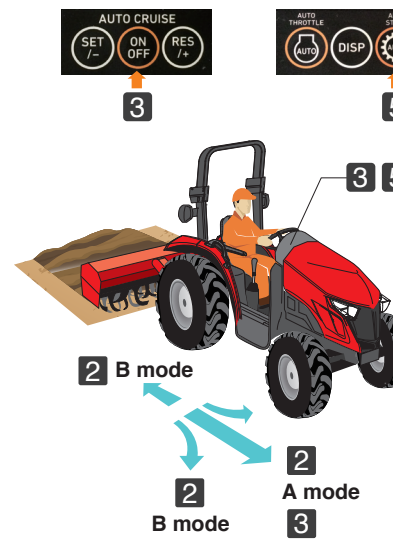
- 1 **Auto throttle**  **OFF**
- 2 **A/B mode**  **Use** "A mode" setting: Low vehicle speed and high engine speed suited to a high application rate for high infestation areas.
"B mode" setting: Medium vehicle speed and high engine speed suited to a low application rate for low infestation areas.
- 3 **Auto cruise**  **Use** Set the speed to the application rate needed.
Note: The A/B mode switching is invalid during auto cruise.
- 4 **Throttle boost**  **OFF**
- 5 **Anti stall**  **ON** Prevent a decrease in engine speed and engine stalls when the machinery load increases.






Cutting grass with the rotary cutter



- 1 **Auto throttle**  **OFF**
- 2 **A/B mode**  **Use** "A mode" setting: A speed suited to cutting grass. High engine speed, medium vehicle speed.
"B mode" setting: A speed suited to turning and reverse. Medium engine speed, medium vehicle speed.
- 3 **Auto cruise**  **Use** Set the working speed.
Note: The A/B mode switching is invalid during auto cruise.
- 4 **Throttle boost**  **OFF**
- 5 **Anti stall**  **ON** Prevent engine stalls when the machinery load increases.

Soil preparation with the rotary tiller



- 1 **Auto throttle**  **OFF**
- 2 **A/B mode**  **Use** "A mode" setting: A speed suited to the work. High engine speed, low vehicle speed.
"B mode" setting: A speed suited to turning and reverse. Low engine speed, medium vehicle speed.
- 3 **Auto cruise**  **Use** Set the working speed.
Note: The A/B mode switching is invalid during auto cruise.
- 4 **Throttle boost**  **OFF**
- 5 **Anti stall**  **ON** Prevent a decrease in engine speed and engine stalls when the machinery load increases.

Reset regeneration procedure for the exhaust filter (DPF)


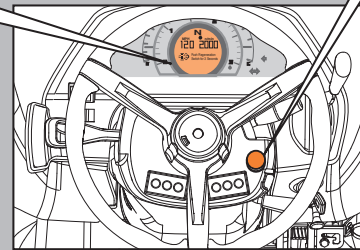
Perform reset regeneration of the exhaust filter to clean the exhaust within the first 50 hours and then every 100 hours afterward. (DPF: Diesel particulate filter)

When reset regeneration of the exhaust filter is required, a regeneration request is output automatically with the three notification functions.

Notification

1 **Warning**

The exhaust filter regeneration request warning will be displayed on the meter panel. (Resetgeneration)

Notification

2 **Notification lamp**

The exhaust filter regeneration notification lamp will flash.

Exhaust filter regeneration switch (with lamp)

Notification

3 **Beep, beep, beep**

The exhaust filter regeneration switch notification lamp will flash.

Perform the following actions when there is a reset regeneration request.

Press and hold the exhaust filter regeneration switch for three or more seconds.

The lamp will turn on and the buzzer will stop. The exhaust filter (DPF) will start being regenerated.

* The lamp turns off when regeneration ends.



<Reference>

- * Before starting regeneration, make sure tractor is placed in safe place.
- * Reset regeneration will end in about 30 minutes, but the time until regeneration ends depends on the outside air temperature.

Regeneration will not be started under the following conditions.

- 1 When the engine cooling water temperature is low.
- 2 When the temperature in the exhaust filter is low.