DRAFT AMENDMENT

ISO 3767-1:2016/DAM 1

ISO/TC **23**/SC **14** Secretariat: **ANSI**

Voting begins on:
2020-01-09

Voting terminates on:
2020-04-02

Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays —

Part 1:
Common symbols

AMENDMENT 1

Tracteurs, matériels agricoles et forestiers, matériel à moteur pour jardins et pelouses — Symbols pour les commandes de l'opérateur et autres indications —

Partie 1: Symboles communs

AMENDEMENT 1

ICS: 65.060.01; 01.080.20

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Reference number
ISO 3767-1:2016/DAM 1:2020(E)

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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 23 Tractors and machinery for agriculture and forestry, Subcommittee SC14 Operator controls, operator symbols and other displays, operator manuals.

This is an amendment to the fourth edition (ISO 37167-1:2016), which contains additions.

The main changes compared to the fourth edition are as follows:

— addition of new symbols for general purpose, braking, seats, hydraulic system, transmission, and many others.

A list of all parts in the ISO 3767 series can be found on the ISO website.

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Introduction

This amendment has been developed to keep the standard aligned with the state of the art: the new symbols are linked to new functions, mainly provided by electronic control systems.

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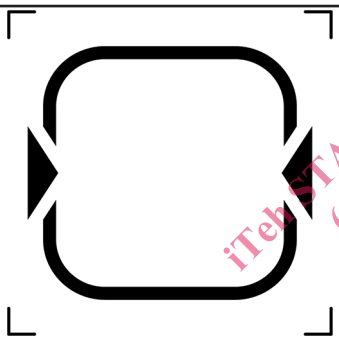
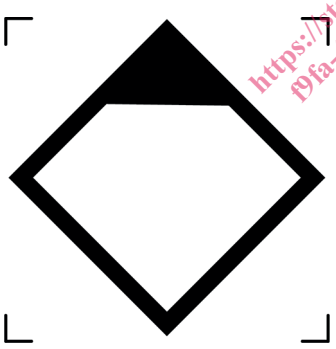
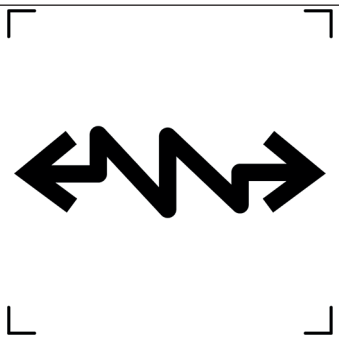
Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays —

Part 1:
Common symbols

AMENDMENT 1

9 General symbols.

Add the following new symbols:

Part #	Graphical Symbol	Symbol title and description	ISO/IEC registration number
9.202		**Title:** Reconfigurable control **Description:** To identify a control that can be configured for different machine functions or operating parameters, depending on selection or programming by the operator. **Note:** Different specific functions to be controlled using variable operating parameters can be identified by inserting an appropriate graphic into the open centre of this symbol.	ISO 7000 - 3668
9.203		**Title:** Priority **Description:** To identify the control that sets the priority for an apparatus, circuit, or function. To indicate the priority for an apparatus, circuit, or function. **Note:** A number inside the diamond can be used to indicate the priority level. A graphical symbol inside the diamond can be used to identify the function receiving priority. If a graphical symbol is used to identify the function receiving priority, a number can be added outside the diamond to the lower right to indicate the priority level for that function.	ISO 7000 -5430
9.204		**Title:** Sensitivity **Description:** To identify the control that sets or adjusts the sensitivity to be applied to the operation of an unspecified apparatus, circuit, or function. **Note:** If the equipment to which the sensitivity applies is to be identified, use this symbol in combination with symbol for the function.	ISO 7000 - 3638

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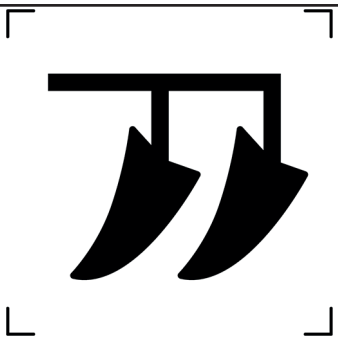
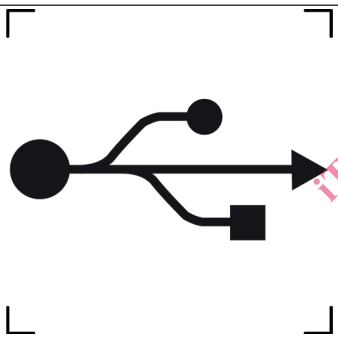
Part #	Graphical Symbol	Symbol title and description	ISO/IEC registration number
9.205		**Title:** Field mode **Description:** To identify the control that, when activated, provides optimal management during field operations. To indicate that the operational status of the system is for field operation.	ISO 7000 - 3639
9.206		**Title:** Wake up **Description:** To identify the control that returns the machine or device to its normal operating state by enabling the previously disabled functions.	ISO 7000 - 3640
9.207		**Title:** Universal Serial Bus (USB), port/plug **Description:** To identify a port or plug as meeting the generic requirements of the Universal Serial Bus (USB). To indicate that the device is plugged into a USB port or is compatible with a USB port. **Note:** Use of this symbol may be subject to organizational or regulatory compliance testing and acceptance criteria for the device on which this symbol is to be used. Refer to www.usb.org for additional information.	ISO 7000 - 3650
9.208		**Title:** ISOBUS short-cut control **Description:** To identify the control that sends messages to the implement using the ISOBUS CAN network, which result in the implement entering a “safe state” (for example, by disabling active functions). **Note 1:** The ISB is exclusively for deactivating one or more functions which were previously activated by an ISOBUS control (for example, a virtual terminal or VT). Functions which were deactivated may be reactivated using the normal activation method via the ISOBUS control. **Note 2:** The ISB is an alternative to directly deactivating functions which were previously activated by an ISOBUS control. Delete final two paragraphs of submitted “description”.	

10 Engine Symbols

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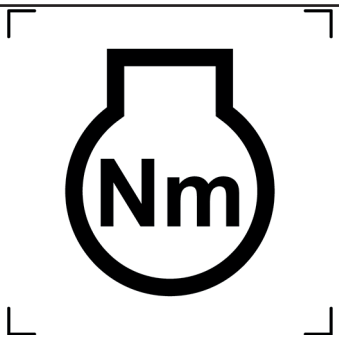
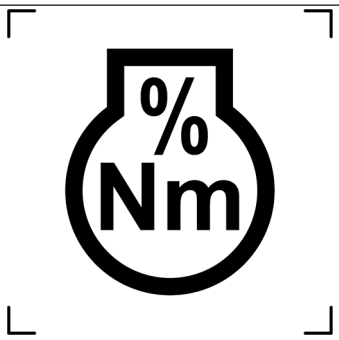
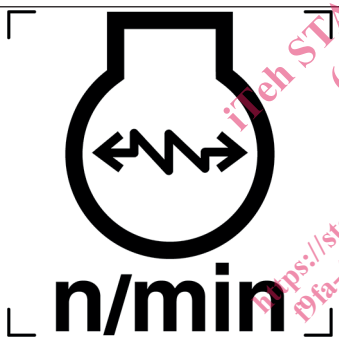
Add the following new symbols and renumber the following ones as appropriate:

Part #	Graphical Symbol	Symbol title and description	ISO/IEC registration number
10.55		**Title:** Engine load (torque) **Description:** To indicate the engine load (torque) or the rated engine load.	ISO 7000 -3641
10.56		**Title:** Engine load, per cent of rated torque **Description:** To identify the control that sets the operating engine load as a percentage of rated engine torque. To indicate the actual load on the engine as a percentage of engine rated torque.	ISO 7000 - 3669
10.57		**Title:** Engine rotational speed, sensitivity **Description:** To identify the control that sets or adjusts the sensitivity setting for the engine. To indicate the sensitivity setting for the engine. **Note:** The sensitivity of the engine is the amount of change in the engine speed relative to variation in engine load. The greater the change in engine speed after a change in engine load, the greater the engine sensitivity.	ISO 7000 -3670

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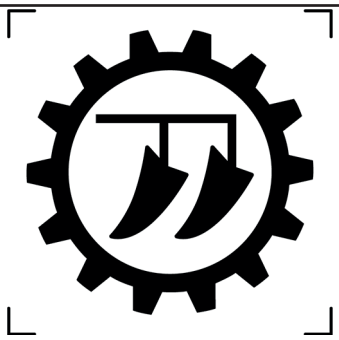
11 Transmission symbols

Add the following new symbols and renumber the following as appropriate:

Part #	Graphical Symbol	Symbol title and description	ISO/IEC registration number
11.13		**Title:** Transmission mode, field operation **Description:** To identify the control that, when activated, provides continuous automatic control of the transmission for optimal power management during field operations. To indicate that the operational status of the transmission management system is for field operation.	ISO 7000-3671

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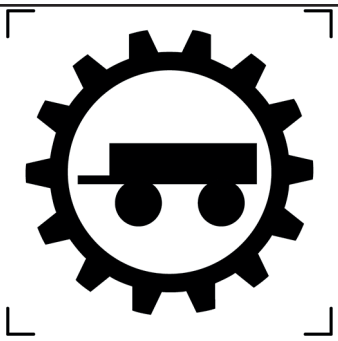
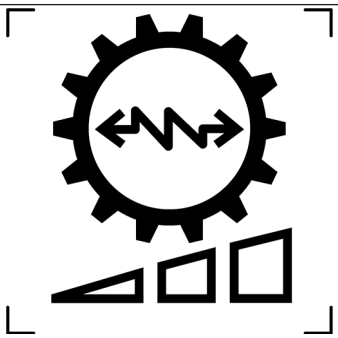
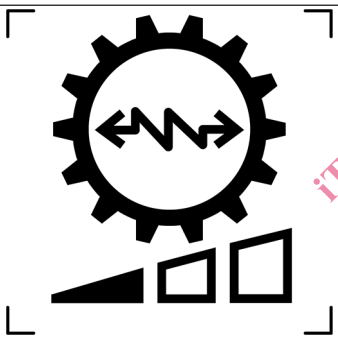
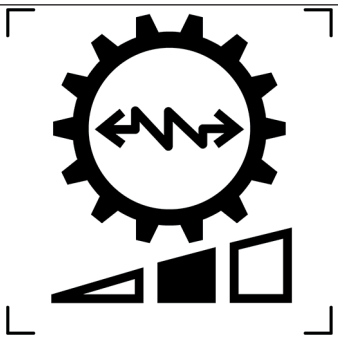
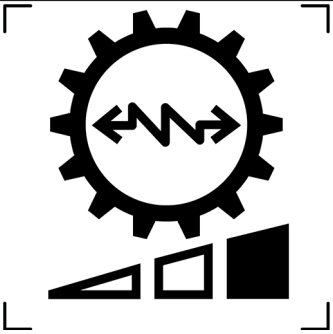
Part #	Graphical Symbol	Symbol title and description	ISO/IEC registration number
11.14		**Title:** Transmission mode, trailer towing **Description:** To identify the control that, when activated, provides continuous automatic control of the transmission for optimal power management during trailer towing operations. To indicate the operational status of the transmission management system is for trailer towing operation.	ISO7000 -3672
11.15		**Title:** Transmission sensitivity setting, stepwise adjustment **Description:** To identify the control that, adjusts the sensitivity of the transmission in multiple steps rather than by continuous variability. **Note:** The powertrain reacts more aggressively or less aggressively to acceleration and deceleration requests depending on the transmission sensitivity setting.	ISO 7000 - 3673
11.16		**Title:** Transmission sensitivity, setting, low **Description**: To identify the control that activates the low sensitivity setting for the transmission. To indicate that the transmission sensitivity is set to low sensitivity.	ISO 7000 - 3674
11.17		**Title:** Transmission sensitivity, setting, medium **Description**: To identify the control that activates the medium sensitivity setting for the transmission. To indicate that the transmission sensitivity is set to medium sensitivity.	ISO 7000 - 3675
11.18		**Title:** Transmission sensitivity, setting, high **Description**: To identify the control that activates the high sensitivity setting for the transmission. To indicate that the transmission sensitivity is set to high sensitivity.	ISO 7000 - 3676

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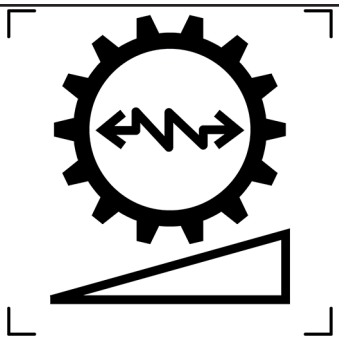
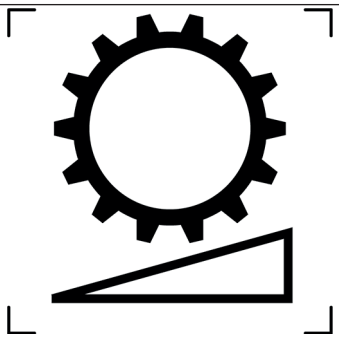
Part #	Graphical Symbol	Symbol title and description	ISO/IEC registration number
11.19		**Title:** Transmission, sensitivity, setting, continuously variable adjustment **Description:** To identify the control that activates the continuously variable sensitivity setting for the transmission. To indicate that the transmission is in the continuously variable mode for sensitivity.	ISO 7000 - 3677
11.20		**Title:** Transmission, continuously variable (CVT) **Description:** To identify the control that activates the continuously variable setting for transmission operation. To indicate that the transmission is in CVT operation mode.	ISO 7000 - 3678

Add the following new symbol and renumber the following as appropriate:

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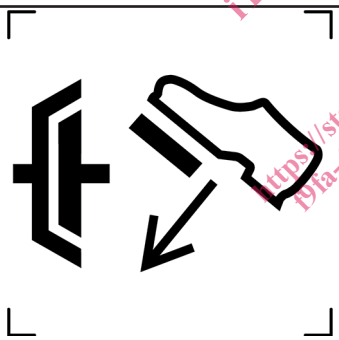
11.26		**Title:** Depress clutch pedal **Description:** To instruct the operator to depress the clutch pedal. **Note:** In some cases, the clutch pedal needs to be depressed as an interlock function, such as requiring the clutch to be disengaged in order for the machine to perform a particular function.	ISO 7000 - 3679

12 Hydraulic system symbols

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