

**NATO STANDARD**

**AEP-4050**

**SYMBOLS DESIGNATING FUNCTION  
OF CONTROLS IN MILITARY VEHICLES**

**Edition A Version 1  
MAY 2020**



**NORTH ATLANTIC TREATY ORGANIZATION**

**ALLIED ENGINEERING PUBLICATION**

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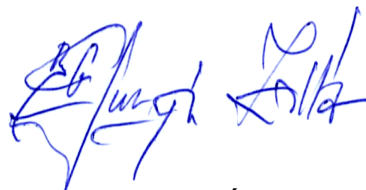
**NORTH ATLANTIC TREATY ORGANIZATION (NATO)**

**NATO STANDARDIZATION OFFICE (NSO)**

**NATO LETTER OF PROMULGATION**

22 May 2020

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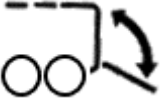

<b>CHAPTER 1 - AIM</b>
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The aim of this standard is to recommend the use of standardized symbols for designating the function of controls in military vehicles. The majority of such symbols will be found in civil standards, notably ISO standards 2575 and 7000 and SAE - J2402, and these are listed, for reference, in Annex B (latest edition of referenced standards should be consulted). Certain special functions particular to military vehicles may not be covered in civil standards, in which case it is recommended to use the symbols in Annex A.

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**ANNEX A – SYMBOLS DESIGNATING FUNCTION  
OF SPECIAL CONTROLS IN MILITARY VEHICLES**

Symbol	Symbol Name	Symbol Location	Monitored by
	Bilge Pump	On or next to the button, switch or lever	Driver
<b>B.O.</b>	Black out	On or next to the button, switch or lever	Driver
	Blackout Driving Lamp	On or next to the button, switch or lever	Driver
	Convoy Blackout Marker	On or next to the button, switch or lever	Driver
	High Beam, Flashing	On or next to the button, switch or lever	Driver
	Hydraulics	On or next to the button, switch or lever	Driver
<b>IR</b>	Infra Red	On or next to the button, switch or lever	All
	Master Caution	On or next to the button, switch or lever	Driver









Symbol	Symbol Name	Symbol Location	Monitored by
	Master Warning	On or next to the button, switch or lever	Driver
	Ramp Control (Open/Close) Tracked Vehicle Version	On or next to the button, switch or lever	Driver
	Ramp Control (Open/Close) Wheeled Vehicle Version	On or next to the button, switch or lever	Driver
	Slave Receptacle	On or next to the slave receptacle	All





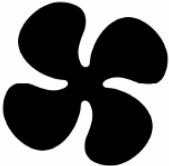





**ANNEX B – SYMBOLS DESIGNATING FUNCTION OF CONTROLS  
IN MILITARY VEHICLES COVERED BY CIVIL STANDARDS<sup>1</sup>**

Symbol	Symbol Name	Symbol Location	Monitored by
	Air-conditioning system	On or next to the button, switch or lever	All
	Battery	Battery gauge	All
	Choke	On or next to switch or lever in vehicle	Driver
	Clutch	On or next to switch or pedal in vehicle	Driver
	Diesel engine pre-heat	On or next to the button, switch or lever	Driver
	Differential Lock (Side-by-Side)	On or next to the button, switch or lever	Driver

<sup>1</sup> ISO 2575, Road Vehicles, Symbols for Controls, Indicators and Tell-Tales; ISO 7000, Graphical Symbols for Use on Equipment – Registered Symbols; SAE J2402, Road Vehicles — Symbols for Controls, Indicators, and Tell-Tales. Latest edition of referenced standards should be consulted.

Symbol	Symbol Name	Symbol Location	Monitored by
	Differential Lock (Through)	On or next to the button, switch or lever	Driver
	Drive  (For automatic transmission)	Driving dashboard	Driver
	Engine shut-off	On or next to the button, switch or lever	Driver
	Engine Start	On or next to the button, switch or lever	Driver
	Fresh Air	On or next to the button, switch or lever	All
	Fuel	Fuel gauge and fuel cap	All
	Hand throttle	On or next to switch or lever in vehicle	Driver
	High beam, main beam	On or next to the button, switch or lever	Driver

Symbol	Symbol Name	Symbol Location	Monitored by
	Interior heating	On or next to the button, switch or lever	All
	Low beam, dipped beam	On or next to the button, switch or lever	Driver
<b>N</b>	Neutral (For automatic transmission)	Driving dashboard	Driver
	Night vision	On or next to the button, switch or lever	Driver
<b>P</b>	Park (For automatic transmission)	Driving dashboard	Driver
	Recirculated Air	On or next to the button, switch or lever	All
<b>R</b>	Reverse (For automatic transmission)	Driving dashboard	Driver
	Ventilating fan	On or next to the button, switch or lever	All

Symbol	Symbol Name	Symbol Location	Monitored by
	Winch	On or next to the button, switch or lever	All
	Windscreen demisting and defrosting	On or next to the button, switch or lever	All
	Windscreen wiper	On or next to the button, switch or lever	Driver

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