

A Product of the
Cooperative Engineering Program

SAE J1500 JUL86

**Universal Symbols
for Operator Controls**

SAE Standard
Revised July 1986

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**Submitted for Recognition as
an American National Standard**



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in the Standards Search Database*

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UNIVERSAL SYMBOLS FOR OPERATOR CONTROLS

1. **INTRODUCTION:** There is an increasing use of graphic symbols throughout the world in different technical fields to communicate information and identify operation or function.

Vehicles as compared to equipment which have like functions should have like graphic symbol identification.
2. **PURPOSE:** The compilation of symbols in this document are for reference use by all current and future committees responsible for the development of symbols.
3. **SCOPE:** This standard is to delineate the symbols used to identify controls, indicators, and tell-tales for automotive vehicles, trucks, off-the-road vehicles, construction equipment, industrial and recreational transportation and is for reference purposes only. The symbol application is to be found within the appropriate standards listed.

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	UPPER BEAM	LOWER BEAM	HEADLAMP CLEANER	HEADLAMP LEVELING CONTROL	FRONT FOG LIGHT	REAR FOG LIGHT	PARKING LIGHTS	
ISO 2575/3 REFERENCE								
REGULATORY	FMVSS 101/80							
	CMVSS 101							
	EEC 78/316							
STANDARDS	SAE J1048 AUTOMOTIVE							
	SAE TRUCKS							
	SAE J389b AGRICULTURAL							
	SAE INDUSTRIAL							
	SAE J107 MOTORCYCLES							
	SAE MARINE							
	SAE SNOWMOBILES							

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	MASTER LIGHTING SWITCH	TURN SIGNALS	HAZARD WARNING	SIDE LAMPS	CLEARANCE LAMPS	WINDSHIELD WIPER	WINDSHIELD WASHER	
ISO 2575/3 REFERENCE								
REGULATORY	FMVSS 101/80							
	CMVSS 101							
	EEC 78/316							
STANDARDS	SAE J1048 AUTOMOTIVE							
	SAE TRUCKS							
	SAE J389b AGRICULTURAL							
	SAE INDUSTRIAL							
	SAE J107 MOTORCYCLES							
	SAE MARINE							
	SAE SNOWMOBILES							

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	WINDSHIELD WASHER & WIPER	WINDSCREEN DEMISTER DEFOGGER	REAR WINDOW WIPER	REAR WINDOW WASHER	REAR WINDOW WIPER & WASHER	REAR WINDOW DEMISTER DEFOGGER	VENTILATING FAN
ISO 2575/3 REFERENCE							
REGULATORY	FMVSS 101/80						
	CMVSS 101						
	EEC 78/316						
STANDARDS	SAE J1048 AUTOMOTIVE						
	SAE TRUCKS						
	SAE J389b AGRICULTURAL						
	SAE INDUSTRIAL						
	SAE J107 MOTORCYCLES						
	SAE MARINE						
	SAE SNOWMOBILES						

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	BATTERY CHARGING	ENGINE COOLANT	ENGINE OIL	FUEL	UNLEADED FUEL	CHOKE	HORN	
ISO 2575/3 REFERENCE								
REGULATORY	FMVSS 101/80							
	CMVSS 101							
	EEC 78/316							
STANDARDS	SAE J1048 AUTOMOTIVE							
	SAE TRUCKS							
	SAE J389b AGRICULTURAL							
	SAE INDUSTRIAL							
	SAE J107 MOTORCYCLES							
	SAE MARINE							
	SAE SNOWMOBILES							

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	LIGHTER	SEAT BELT	PARKING BRAKE	BRAKE FAILURE	FRONT HOOD (BONNET)	REAR HOOD (BOOT)	TRANSMISSION
ISO 2575/3 REFERENCE							
REGULATORY	FMVSS 101/80						
	CMVSS 101						
	EEC 78/316						
STANDARDS	SAE J1048 AUTOMOTIVE						
	SAE TRUCKS						
	SAE J389b AGRICULTURAL			P			
	SAE INDUSTRIAL						
	SAE J107 MOTORCYCLES						
	SAE MARINE						
	SAE SNOWMOBILES						

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	TRANSMISSION OIL PRESSURE	TRANSMISSION OIL TEMPERATURE	TRANSMISSION OIL FILTER	AIR FILTER	GREASE LUBRICANT	OIL LUBRICANT	OIL LEVEL	
ISO 2575/3 REFERENCE								
REGULATORY	FMVSS 101/80							
	CMVSS 101							
	EEC 78/316							
STANDARDS	SAE J1048 AUTOMOTIVE							
	SAE TRUCKS							
	SAE J389b AGRICULTURAL					 10B	 20 50B	
	SAE INDUSTRIAL							
	SAE J107 MOTORCYCLES							
	SAE MARINE							
	SAE SNOWMOBILES							

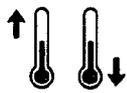
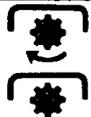
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	DIPSTICK	FIRING ORDER	ENGINE R.P.M.	FUEL SHUT-OFF	HAND BRAKE	FORWARD	REVERSE
ISO 2575/3 REFERENCE							
REGULATORY	FMVSS 101/80						
	CMVSS 101						
	EEC 78/316						
STANDARDS	SAE J1048 AUTOMOTIVE						
	SAE TRUCKS						
	SAE J389b AGRICULTURAL		H1-3-2-4				
	SAE INDUSTRIAL						
	SAE J107 MOTORCYCLES						
	SAE MARINE						
	SAE SNOWMOBILES						

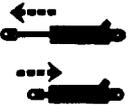
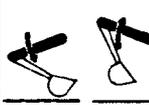
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	NEUTRAL	UP DOWN	ADD INCREASE	DECREASE	CONTROL LEVER	VOLUME LEVEL	TEMPERATURE
ISO 2575/3 REFERENCE							
REGULATORY	FMVSS 101/80						
	CMVSS 101						
	EEC 78/316						
STANDARDS	SAE J1048 AUTOMOTIVE						
	SAE J680b TRUCKS						
	SAE J389b AGRICULTURAL	N	↓ ↑	+	-	↕	● ○ ◐ K K
	SAE INDUSTRIAL						
	SAE J107 MOTORCYCLES						
	SAE MARINE						
	SAE SNOWMOBILES						

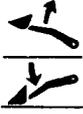
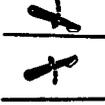
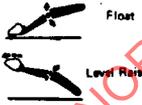
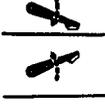
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	TEMPERATURE CONTROL	DIFFERENTIAL LOCK	ROCK SHAFT	CONNECTION	AXLE DISCONNECT	TOW	POWER TAKE-OFF	
ISO 2575/3 REFERENCE								
REGULATORY	FMVSS 101/80							
	CMVSS 101							
	EEC 78/316							
STANDARDS	SAE J1048 AUTOMOTIVE							
	SAE TRUCKS							
	SAE J389b AGRICULTURAL							
	SAE INDUSTRIAL							
	SAE J107 MOTORCYCLES							
	SAE MARINE							
	SAE SNOWMOBILES							

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	REMOTE CYLINDER	HEAVY LIGHT	BACKHOE DIPPERSTICK CONTROL	BACKHOE BOOM CONTROL	BACKHOE SWING CONTROL	BACKHOE BUCKET CONTROL	LOADER LIFT ARM CONTROL
ISO 2575/3 REFERENCE							
REGULATORY	FMVSS 101/80						
	CMVSS 101						
	EEC 78/316						
STANDARDS	SAE J1048 AUTOMOTIVE						
	SAE TRUCKS						
	SAE J389b AGRICULTURAL						
	SAE INDUSTRIAL						
	SAE J107 MOTORCYCLES						
	SAE MARINE						
	SAE SNOWMOBILES						

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	LOADER BOOM CONTROL	LOADER BUCKET CONTROL	STABILIZER CONTROL	UNLOADING AUGER	HEADER	REEL SPEED	REEL HEIGHT	
ISO 2575/3 REFERENCE								
REGULATORY	FMVSS 101/80							
	CMVSS 101							
	EEC 78/316							
STANDARDS	SAE J1048 AUTOMOTIVE							
	SAE TRUCKS							
	SAE J389b AGRICULTURAL							
	SAE J298 INDUSTRIAL	 Float  Level Head						
	SAE J107 MOTORCYCLES							
	SAE MARINE							
	SAE SNOWMOBILES							

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