



---

**Order codes for MAN commercial vehicles analogous to the  
ADR vehicle classes.**

Last updated: January 1, 2010



ADR margin no.	Sales code	Text description	Designation / remark	EX/ II	EX/ III	AT	FL	OX	MEMU
				280BC	280BD	280BA	280BB	280BE	No code
9.2.2.		Electrical wiring / equipment							
9.2.2.2.	280AC	Wiring	Compliance of wiring is standard.		X	X	X	X	
			Battery emergency cut-off wiring harness for EBS 5		X		X		
9.2.2.3.	327CA	Battery master switch			X		X		
9.2.2.3.1.			Master switch near battery		X		X		
			Relay, bistable 300 A A cover over the cut-off relay is mandatory (w/o drawing)		X		X		
			Electronic control for battery emergency cut-off		X		X		
			Built-in battery for ADR						
			Toggle switch (on outside of cab )		X		X		
9.2.2.3.2.			Operation in cab		X		X		
			Emergency cut-off switch (inside cab )		X		X		
			Diode group 8x for emergency cut-off and battery master switch						
			Diode group 2x for emergency cut-off and battery master switch						
9.2.2.3.3.			The switch must have a safety class IP 65 housing as per IC 529 standard				X		
9.2.2.3.4.			The electrical switch must comply with safety class IP 54.		X		X		
9.2.2.4.		Batteries	Compliance as standard	X	X		X		
9.2.2.5.		Permanently energised circuits	There are no permanently energised circuits apart from the tachograph.		X		X		
9.2.2.5.1.	042DW	Tachograph	Digital tachograph with engine speed and additional recorder TW, Siemens		X		X		
	042DX	Alternatively	Digital tachograph with engine speed and additional recorder TW, Stoneridge		X		X		
	042FP	Alternatively	EG electronic tachograph, two drivers, with additional recorder TW (registration forbidden in EU from 2006 on)		X		X		
	042FW	Alternatively	EG electronic tachograph, two drivers, with engine speed recorder TW (registration forbidden in EU from 2006 on)		X		X		
	042FX	Alternatively	EG electronic tachograph, two drivers, with additional recorder TW for SIM France (registration forbidden in EU from 2006 on)		X		X		
9.2.2.6.	326FK	Electrical installation at rear of cab			X		X		
9.2.2.6.1.		Wiring			X		X		
9.2.2.6.2.		Lighting			X		X		
9.2.2.6.3.		Electrical connections	Tanker 24-V 13-pole socket at end of frame		X		X		
	326CP		Socket, 15-pole at rear of cab, to trailer		X		X		
	326MO		Tanker 24-V 15-pole socket at end of frame						
			Trailer operation is not possible without a suitable socket. All sockets complying with ISO 7638:1997 and ISO 12098:2004 are possible.		X		X		
			Alternatively lateral markings		X		X		
			Alternatively spotlights		X		X		
9.2.3.		Braking systems / braking equipment							
9.2.3.1.		General provisions	As from January 1, 2010 all vehicles shall comply with the technical requirements of ECE	X	X	X	X	X	



ADR margin no.	Sales code	Text description	Designation / remark	EX/ II	EX/ III	AT	FL	OX	MEMU
				280BC	280BD	280BA	280BB	280BE	No code
			Regulation No. 13 or of Directive 71/320/EEC, as amended, applicable at the time of their first registration, but at least those of ECE Regulation No. 13, 06 series of amendments or Directive 71/320/EEC as amended by Directive 91/422/EEC. The endurance (sustained-action) braking system must be of Type IIA.						
	258HA	ABS (automatic anti-lock braking system)			X	X	X	X	
	323AB	Alternative to ABS	Electronic braking system MAN BrakeMatic		X	X	X	X	
	208AA	Endurance braking system / engine brake	Compliance as standard. Engine brake with rocker-arm brake (EVB) alternatively all currently possible retarders		X	X	X	X	
	208AK	Endurance brake system / EVB	Compliance as standard. Engine brake with rocker-arm brake (EVB) alternatively all currently possible retarders		X	X	X	X	
	208AL	Endurance brake system / EVBec	Alternatively to EVB with code 208AK		X	X	X	X	
9.2.3.2.		Emergency braking devices for trailers	Since ADR 2009 no longer applicable.						
9.2.4.		Prevention of fire risks							
9.2.4.2.		Cab: materials	Compliance as standard.					X	
9.2.4.2.	381AA	Cab: heat shield	Cab rear wall without window and forced ventilation sealed airtight.					X	
9.2.4.3.		Fuel tank	Compliance as standard	X	X		X	X	
9.2.4.4.		Engine	Compliance as standard	X	X		X		
9.2.4.5.	282CH	Exhaust system		X	X		X		
9.2.4.6.		Endurance brake system	Special covers are not required because the surface of the hydrodynamic secondary retarder does not heat up during operation.	X	X	X	X	X	
9.2.4.7		Combustion heaters	Auxiliary air-conditioning systems are freely permissible. They are forbidden only on OX vehicles.						
			With this amendment, 2001/56/EC incl. 2006/119/EC concerning the heating systems of vehicles transporting dangerous goods and Annex 9 to EEC-R 122 concerning the heating systems of vehicles transporting dangerous goods are adopted in Directive 2001/56/EC. The new Annex IX of the Directive contains the corresponding technical provisions for combustion heaters and their installation in vehicles transporting explosive substances, fluids or flammable (oxidising) substances. Moreover, Annex VIII amends the fitting of a device to stop the flow of LPG to a heating system. This is intended to prevent uncontrolled release of LPG as a result of a pipe being severed during an accident. Deadline: 1. date of first registration April 1, 2008 (TD Info 07.2007)						
9.2.4.7.1. 9.2.4.7.2. 9.2.4.7.5.		Par. (1) remains open Par. (2) Installation Par. (5) No automatic control	Auxiliary heaters shall not be programmable. Auxiliary air-conditioning is permissible because ice banks are employed, involving no combustion.	X	X	X	X	X	



ADR margin no.	Sales code	Text description	Designation / remark	EX/ II	EX/ III	AT	FL	OX	MEMU
				280BC	280BD	280BA	280BB	280BE	No code
	153EX 153EY		Alternatively Eberspächer D4S Alternatively Eberspächer AirTronic D2	X	X	X	X	X	
			Alternatively Truma Trumatic E2400			X	X	X	
			Wiring harness for auxiliary heating TRS/ADR equipment (SI 326902) Wiring harness for LL Wiring harness for RL						
9.2.4.7.3.		Par. (3) Putting out of operation	Heaters shall be put out of operation by a) intentional switching off from the driver's cab b) stopping of the vehicle engine c) start up of a feed pump (PTO)				X		
9.2.4.7.4.		Par. (4) Afterrunning	The above-mentioned auxiliary heaters comply with afterrunning period of <40s with TRS circuit.				X		
9.2.4.7.6.		Par. (6) Combustion of gaseous fuels							
9.2.5.	345AU	Speed limitation device	In accordance with EEC Regulation No. 89, the set speed shall not exceed 90 km/h.	X	X	X	X	X	
	345AW		80 km/h is also possible	X	X	X	X	X	
	345CB		82 km/h is also possible	X	X	X	X	X	
	345CV		85 km/h is also possible	X	X	X	X	X	
	345CW		80 km/h is also possible for Italian construction site vehicles	X	X	X	X	X	
9.2.6.		Coupling device of trailer		X	X				
	262XX		Without brake connection on frame end	X	X				
9.3.2.		Combustion heater		X	X				
9.3.5.		Engine		X	X				
			Compliance as standard	X	X				
9.3.6.		Exhaust system		X	X				
9.3.7.		Electrical equipment on vehicle		X	X				
9.7.2.		Provisions with regard to tanks			X	X	X	X	
9.7.5.		Stability of tank vehicles			X	X	X	X	
			Lateral (rollover) stability in compliance with ECE Regulation No. 111. The calculation data sheets for trucks are available for download under "Data sheets". The calculation for semi-trailer tractors has to be done by the manufacturer of the semitrailer.		X	X	X	X	
9.7.6.		Rear underride protection			X	X	X	X	
			Compliance as standard		X	X	X	X	
9.7.7.		Combustion heater			X	X	X	X	
9.7.8.		Electrical equipment			X	X	X	X	
	405FF 405FL	GGVS-certified warning lights			X	X	X	X	