



## Basic Equipment Required on All Trucks, Buses, & MPVs

DESCRIPTION		MANDATORY REQUIREMENTS					
Equipment	(SAE Lens Coding)	Functional Purpose	QTY	Color	Location	Height (in) From Ground	
<b>1</b>	Headlamps - Lower Beam -US requires "DOT" lettering on lens -US & Canada require light source code on lens	(H, HR)	Forward road illumination	Min 2	White	On front - symmetrical - as far apart as practicable - 4 lamp system - outboard or above upper beams	22"- 54"
	Headlamps - Upper Beam -US requires "DOT" lettering on lens -US & Canada require light source code on lens	(H, HR)	Forward road illumination	Min 2	White	On front - symmetrical - 4 lamp system - inboard or below lower beams	22"- 54"
	Parking Lamps -Vehicles less than 80" wide	(P)	Indicate parked vehicle	Min 2	White/ Amber	On the front - symmetrical - as far apart as practicable	15"- 72"
	Daytime Running Lamps -US - Optional - requires "DRL" lettering if not headlamp -Canada - Required	(Y2)	Indicate in use vehicle	Min 2	White/ Amber		15" minimum *Max depends on type
Front Turn Signal/ Hazard Warning Lamps	(I)	Indicates direction of turn/identify disabled vehicle	Min 2	Amber	On the front - symmetrical - as far apart as practicable	15"- 83"	
<b>2</b>	Front Clearance Lamps -Vehicles 80" wide or wider	(P2, PC* or P3, PC2*)	Show vehicle's width	Min 2	Amber	At widest point - symmetrical - as far forward as practicable - facing forward	As high as practicable
<b>3</b>	Front Identification Lamps (ID) -Vehicles 80" wide or wider	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Amber	On the front - center - horizontally spaced 6"- 12" apart	As high as practicable or on top of the cab
<b>4a</b>	Front Side Marker Lamps	(P2, PC* or P3, PC2*)	Indicate vehicle presence & length	Min 2	Amber	Each side at front - as far forward as practicable	15" minimum
<b>4b</b>	Front Side Reflex Reflectors	(A)		Min 2	Amber	Each side at front - as far forward as practicable facing sideways	15"- 60"
<b>5a</b>	Rear Side Marker Lamps	(P2, PC* or P3, PC2*)	Indicate vehicle presence & length	Min 2	Red	Each side at rear - as far back as practicable	15" minimum
<b>5b</b>	Rear Side Reflex Reflectors	(A)		Min 2	Red	Each side at rear - as far back as practicable facing sideways	15"- 60"
<b>6</b>	Rear Clearance Lamps -Vehicles 80" wide or wider -Not required on truck tractors	(P2, PC* or P3, PC2*)	Shows veh. width- MAY NOT be combined with tail lamps	Min 2	Red	At widest point - symmetrical - on the rear or near the rear - facing Rearward	15" minimum
<b>7</b>	Rear Identification Lamps -Vehicles 80" wide or wider -Not required on truck tractors	(P2 or P3)	Indicate Presence of Long Vehicle	Exactly 3	Red	On the rear - center, facing rearward - horizontally spaced 6"- 12" apart	15"- 60"
<b>8</b>	Tail Lamps	(T)	Indicate vehicle's presence and width	Min 2	Red	On the rear - symmetrical as far apart as practicable	15"- 72"
	Stop Lamps	(S)	Indicate Braking	Min 2	Red		15"- 83"
	Rear Turn Signal/ Hazard Warning Lamps	(I)	Indicate direction of turn/ identify disabled vehicle	Min 2	Red/ Amber		15"- 60"
	Rear Reflex Reflectors	(A)	Show vehicle's presence and width	Min 2	Red		15"- 60"
<b>9</b>	Backup Lamp	(R)	Illuminates ground behind the vehicle and alert road users	Min 1	White	Rear	No requirement
<b>10</b>	License Plate Lamp(s)	(L)	Illuminates license plate	Min 1	White	On the rear - above or at the sides of license plate	No requirement
<b>11</b>	Center High Mounted Stop Lamp	(U3)	Indicates Braking	Min 1	Red	On the rear - centerline of the vehicle	34" minimum

\*Photometrically certified at installation angle

## Length - 30' or longer

DESCRIPTION		MANDATORY REQUIREMENTS					
Equipment	(SAE Lens Coding)	Functional Purpose	QTY	Color	Location	Height (in) From Ground	
<b>12a</b>	Intermediate Side Marker Lamps	(P2 or P3)	Indicate presence of long vehicle	Min 2	Amber	Each side near center	15" minimum
<b>12b</b>	Intermediate Side Reflex Reflectors	(A)	Indicate presence of long vehicle	Min 2	Amber	Each side near center - Facing Sideways	15"- 60"

## Truck Tractors

DESCRIPTION		MANDATORY REQUIREMENTS					
Conspicuity Treatment	DOT Cod-ing	QTY	Color	Location	Height (in) From Ground	Options	
<b>9</b>	DOT-C, DOT-C2, DOT-C3, DOT-C4	Exactly 2 pairs of 300mm (11.8") long strips	White	On the rear upper corners of cab - facing rearward	At the top	Rear lower body and side conspicuity treatment may also be solid white, solid amber, or white and amber	
<b>11</b>		Exactly 2 sections of min 600mm (24") long strips	Red/White	Rear - facing rearward - on fenders, on mud flap brackets, or within 300mm below top of mudflaps	As horizontal and as close to the range of 15"- 60" from ground as practicable		

## Truck, Bus, & MPV Requirements

