

Comparison of the requirements for location and identification of controls, tell-tales and indicators between motorcycles and passenger cars

Note: The document reproduced below was considered by GRSG at its ninety-fifth session (ECE/TRANS/WP.29/GRSG/74, para. 41) on the basis of an informal document (GRSG-95-12) transmitted by IMMA. It contains a comparison of the requirements on motorcycles and passenger vehicles controls, tell-tales and indicators, as requested by AC.3 to which is transmitted for consideration at its November 2008 session.

1. Background

When Italy proposed developing a gtr on motorcycle telltales and symbols (ECE/TRANS/WP.29/2006/74), AC3 asked GRSG to analyze whether or not the same problems would arise as had arisen during the discussions of a similar proposal for passenger cars.

IMMA undertook to review the situation in relation to:

- (a) the similarity of the symbols used (cars and motorcycles)
- (b) the results of the Alliance study on the recognisability of the symbols
- (c) current market practice

The results are summarized in **Annex 1**.

2. Discussion

There are 21 symbols listed in the Italian proposal.

Of these:

- (a) 13 are already used worldwide
- (b) 4 are for devices not fitted in some of the markets
- (c) 2 have alternative options to the symbol
- (d) 1 is a marking that is not required in all markets
- (e) 1 apparently is not used at all









The scores from the Alliance study reflect this market reality, as well as the fact that some symbols are unique to motorcycles.

3. Conclusion

Most of the symbols are used world wide, which justifies using them in a gtr. Others are currently more frequently found in some regions or might be used in future situations.

Several Contracting Parties allow the use of the national language as an alternative means of marking controls. This practice should continue when the gtr is implemented by such administrations and a phrase indicating this possibility should be included in the gtr.

On this basis, GRSG considers that the proposed symbols could all be included in a gtr so that they are available for any administration wishing to make use of them.

		Current Market practice										Y = used in the market "u" = status unknown				
		Analysis														
Icon #	Comprehension 5 or better [%]	Motorcycle icon	Definition for Motorcycle	Comments	Japan	USA/Canada	EU	Australia	ASEAN	China	India	Other Asia	Latin America	Middle East	Africa	Comments
14	74		Position lamp	Motorcycles often use the dashboard light instead	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	There is an alternative
15	83		Malfunction in antilock brake system		Y	Y	Y	Y	-	Y	-	Y	Y	Y	Y	Device not fitted in some markets
16	78		Parking Lamp		Y	Y	Y	Y	-	-	-	-	Y	Y	Y	Device not fitted in some markets
17			Fuel Tank Shut-off valve	Not included in the Alliance study	-	In FMVSS 123 but not widely used	Y	-	-	Y	-	Y	Y	Y	Y	Marking not required in some markets. Increasingly automatic cutoffs
18	68		Lighting Control Switch	Motorcycles often use the dashboard light instead	-	-	-	-	Y	Y	Y	Y	-	-	-	There is an alternative
19	42		Front Fog Lamp	Low scores because not installed in USA	-	Y	Y	Y	-	-	-	-	-	-	-	Device not fitted in some markets
20	40		Rear Fog Lamp	Low scores because not installed in USA	-	-	-	-	-	-	-	-	-	-	-	Device not fitted in some markets
21	69		Battery Charging		-	-	-	-	-	-	-	-	-	-	-	Apparently not used on motorcycles, but could be necessary for electric vehicles