



Asia-Pacific  
Economic Cooperation

Advancing  
Free Trade for Asia-Pacific  
Prosperity

# Status of harmonization with UN Regulations

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Presented by  
Republic of Korea

# 1. Summary of harmonized Regulations



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## Summary of Harmonized Regulations in KOREA

Year	No. of UN Regulations	No. of UN GTRs
2006	2	1
2008	7	2
2009	2	-
2010	9	3
2011	4	-
2012	10	1
2013	-	-
2014	13	2
2015	-	1
2016	-	-
2017	16	1
<b>Total</b>	<b>64</b>	<b>11</b>

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Year	UN Regulation	UN GTR
2006	<ul style="list-style-type: none"><li>- R13H : Passenger vehicle brake</li><li>- R19 : Front fog lamp</li></ul>	<ul style="list-style-type: none"><li>- GTR No. 1 : Door locks &amp; retention</li></ul>
2008	<ul style="list-style-type: none"><li>- R14 : Safety belt anchorages</li><li>- R53 : Motorcycle installation</li><li>- R57 : Motorcycle headlamp</li><li>- R107 : Safety Inclination angle</li><li>- R39 : Speedometer</li><li>- R95 : Side Collision</li><li>- R123 : Semi-AFS</li></ul>	<ul style="list-style-type: none"><li>- GTR No. 3 : Motorcycle brake</li><li>- GTR No. 9 : Pedestrian safety</li></ul>
2009	<ul style="list-style-type: none"><li>- R48 : Hazard warning signal</li><li>- R73 : Lateral Protection</li></ul>	-

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Year	UN Regulation	UN GTR
2010	<ul style="list-style-type: none"> <li>- R6 : Side direction indicator</li> <li>- R10 : EMC</li> <li>- R13 : Spring brake</li> <li>- R46 : Rear view mirror</li> <li>- R79 : Steering effort</li> <li>- R87 : DRL</li> <li>- R112: Asymmetric headlamps</li> <li>- R123 : Full AFS</li> <li>- R125 : Field of Vision</li> </ul>	<ul style="list-style-type: none"> <li>- GTR No. 6 : Safety glazing</li> <li>- GTR No. 7 : Head restraint</li> <li>- GTR No. 8 : ESC</li> </ul>
2011	<ul style="list-style-type: none"> <li>- R64 : TPMS</li> <li>- R85 : Engine and Net power</li> <li>- R42 : Bumper</li> <li>- R91 : Side marker Lamp</li> </ul>	-
2012	<ul style="list-style-type: none"> <li>- R1,2,8,20,72,112,113 : Headlamps for motorcycle</li> <li>- R53 : Light &amp; Lighting devices for motorcycle</li> <li>- R13 : Brake Assist System(BAS)</li> <li>- R107 : Minimum Turning Radius</li> </ul>	<ul style="list-style-type: none"> <li>- GTR No. 4 : WHDC</li> </ul>

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Year	UN Regulation	UN GTR
2014	<ul style="list-style-type: none"> <li>- R30, 54 : Pneumatic Tyres</li> <li>- R100 : Electric power train</li> <li>- R73 : Lateral protection</li> <li>- R58 : Rear underrun protection</li> <li>- R55 : Coupling components</li> <li>- R21: Power-operation of Windows</li> <li>- R119 : Cornering lamps</li> <li>- R 7 : Front &amp; rear position lamps, Stop-lamps, End-outline Marker Lamps</li> <li>- R3 : Retro-reflecting devices</li> <li>- R4 : Rear registration plate lamps</li> <li>- R23 : Reversing lamps</li> <li>- R70 : Rear marking plates</li> </ul>	<ul style="list-style-type: none"> <li>- GTR No. 5 : ODB</li> <li>- GTR No. 13 :The hydrogen and Fuel cell vehicles</li> </ul>
2015	-	<ul style="list-style-type: none"> <li>- GTR No. 11 : Engine emissions for Non-Road Machinery</li> </ul>

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Year	UN Regulation	UN GTR
2017	<ul style="list-style-type: none"> <li>- R18 : Protection against unauthorized use</li> <li>- R27 : Advance warning triangles</li> <li>- R36 : Construction of public service vehicles(space for fire extinguisher)</li> <li>- R66 : Strength of the superstructure of large passenger vehicles</li> <li>- R69 : Rear marking plates for slow moving vehicles</li> <li>- R75 : Pneumatic tyres(moped, motorcycle)</li> <li>- R81 : Rear-view mirrors(motorcycle)</li> <li>- R 90 : Replacement brake lining assemblies</li> <li>- R121 : Identification of controls &amp; tell-tales</li> <li>- R124 : Passenger car wheel</li> <li>- R127 : Pedestrian safety performance</li> <li>- R130 : Lane departure warning system</li> <li>- R131 : Advanced Emergency Braking System(AEBS)</li> <li>- R139 : Brake Assist Systems</li> <li>- R140 : Electronic Stability Control</li> <li>- R141 : Tyre Pressure Monitoring System</li> </ul>	<ul style="list-style-type: none"> <li>- GTR No. 2 : Motorcycle emission</li> </ul>

## 2. Plan to harmonize with UN Regulations



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- Plan to amend KMVSS in 2018 (8 items)

Item No.	Item	Reference Regulation
1	Mandatory installation of ABS for Motorcycles	GTR No.3
2	Introduce RCP and ACSF into the KMVSS	UN R79
3	Frontal Collision	UN R94 UN R137
4	Lateral Collision	UN R95
5	Retro-reflective markings for heavy and long vehicles	UN R104
6	Hydrogen-Fuel cell vehicle	UN R134
7	Pole side impact	UN R135
8	Amend to Minimum Ground Clearance(12cm => 10cm)	-



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**Thank you very much ! !**

