

# ISO 11096:2011-09 (E)

## Road vehicles - Pedestrian protection - Impact test method for pedestrian thigh, leg and knee

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
3.1	Legform impactor .....	1
3.2	Vehicle .....	2
4	Test equipment .....	3
4.1	Impact test site .....	3
4.2	Legform impactor .....	4
4.3	Propulsion system .....	4
4.4	Applicable vehicles .....	4
5	Requirements .....	4
5.1	Legform impactor .....	4
5.2	Propulsion of legform impactor .....	5
5.3	Legform impactor setting .....	5
5.4	Test temperature .....	6
6	Preparation of test vehicle .....	6
7	Test conditions .....	6
7.1	Atmospheric conditions .....	6
7.2	Angle of impact .....	6
7.3	Impact point .....	6
7.4	Impact velocity .....	7
8	Measurement requirements for legform impactor .....	7
8.1	Data acquisition .....	7
8.2	Legform impactor data .....	7
8.3	Test specimen .....	7
Annex A (normative) Biofidelic performance characteristics .....		8
Annex B (normative) Legform impactor certification .....		13
Annex C (informative) Data sheet .....		14
Annex D (informative) Comments on the test procedure .....		17
Bibliography .....		21