

ISO/TR 10982:2013-11 (E)

Road vehicles - Test procedures for evaluating out-of-position vehicle occupant interactions with deploying air bags

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Test drive	1
4.1	General	1
4.2	50th percentile male Hybrid III dummy	2
4.3	"Small female" Hybrid III dummy	2
4.4	Three-year-old child Hybrid III dummy	2
5	Instrumentation	2
5.1	Adult size dummy	2
5.2	Three-year-old child dummy	2
5.3	Data requirements	3
5.4	Dummy test temperature	3
6	Sled pulses	3
6.1	General	3
6.2	Mild severity crash pulse	3
6.3	Moderate severity crash pulse	3
7	Static and dynamic test for driver air bag systems	6
7.1	Test set-up	6
7.2	Prepositioned driver tests	6
7.3	Acceleration-induced out-of-position driver dynamic tests	7
8	Static and dynamic tests for passenger air bag systems, using child dummy	8
8.1	General	8
8.2	Test set-up	8
8.3	Child dummy test positions	8
8.4	Child dummy static tests for passenger air bag systems	10
8.5	Child dummy dynamic tests for passenger air bag systems	10
9	Static and dynamic tests for passenger air bag systems using adult dummies	10
9.1	General	10
9.2	Test set-up	10
9.3	Adult dummy positions near instrument panel	11
9.4	Adult dummy static tests for passenger air bag systems	11
9.5	Adult dynamic tests for passenger air bag systems	11
Bibliography		13